

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007689.D
 Acq On : 26 Feb 2019 02:28
 Operator : JC/SP
 Sample : VX0225WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:05 PM

Quant Time: Feb 26 04:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190689	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	5.51	113	164534	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	8.71	98	578143	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	205100	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43364	17.763	ug/l	98
3) Chloromethane	1.33	50	57212	21.148	ug/l	96
4) Vinyl Chloride	1.41	62	53523	19.284	ug/l	99
5) Bromomethane	1.64	94	47857	26.648	ug/l	100
6) Chloroethane	1.73	64	37886	21.365	ug/l	98
7) Trichlorofluoromethane	1.93	101	76851	18.062	ug/l	97
8) Diethyl Ether	2.19	74	42481	24.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44629	17.354	ug/l	94
10) Methyl Iodide	2.51	142	70220	21.928	ug/l	96
11) Tert butyl alcohol	3.07	59	82242	132.043	ug/l	97
12) 1,1-Dichloroethene	2.38	96	45697	19.713	ug/l	98
13) Acrolein	2.30	56	58371	105.465	ug/l	99
14) Allyl chloride	2.73	41	93305	21.768	ug/l	96
15) Acrylonitrile	3.15	53	189092	129.008	ug/l	98
16) Acetone	2.45	43	166726	114.210	ug/l	99
17) Carbon Disulfide	2.57	76	123702	19.181	ug/l	97
18) Methyl Acetate	2.78	43	84942	26.665	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	208418	25.818	ug/l	95
20) Methylene Chloride	2.86	84	66483	24.664	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53792	21.345	ug/l	96
22) Diisopropyl ether	3.87	45	212500	23.815	ug/l	98
23) Vinyl Acetate	3.82	43	938570	119.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111897	23.075	ug/l	99
25) 2-Butanone	4.70	43	269994	121.418	ug/l	99
26) 2,2-Dichloropropane	4.59	77	54799	14.157	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	75144	23.434	ug/l	96
28) Bromochloromethane	5.01	49	48771	20.659	ug/l	99
29) Tetrahydrofuran	5.15	42	176615	120.491	ug/l	98
30) Chloroform	5.21	83	120306	23.160	ug/l	98
31) Cyclohexane	5.57	56	76314	16.730	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	86726	20.188	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72348	17.284	ug/l	99
37) Ethyl Acetate	4.85	43	102297	22.001	ug/l	97
38) Carbon Tetrachloride	5.78	117	70717	16.819	ug/l	100

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78684	14.874	ug/l	97
40) Benzene	6.15	78	267360	20.692	ug/l	99
41) Methacrylonitrile	5.06	41	56687	22.831	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98859	22.763	ug/l	98
43) Isopropyl Acetate	6.46	43	157329	21.985	ug/l	99
44) Trichloroethene	7.21	130	69085	19.436	ug/l	94
45) 1,2-Dichloropropane	7.51	63	72127	21.549	ug/l	100
46) Dibromomethane	7.66	93	52210	22.359	ug/l	93
47) Bromodichloromethane	7.90	83	86532	21.384	ug/l	99
48) Methyl methacrylate	7.77	41	82708	22.049	ug/l	99
49) 1,4-Dioxane	7.75	88	36450	449.902	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	544789	113.731	ug/l	99
52) Toluene	8.78	92	166714	20.461	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	89951	19.681	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	101529	20.675	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	77362	22.769	ug/l	94
56) Ethyl methacrylate	9.18	69	105641	21.864	ug/l	99
57) 1,3-Dichloropropane	9.37	76	122774	22.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	292790	109.886	ug/l	100
59) 2-Hexanone	9.49	43	411492	109.419	ug/l	99
60) Dibromochloromethane	9.59	129	73636	22.523	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81160	23.007	ug/l	99
64) Tetrachloroethene	9.34	164	67491	18.839	ug/l	97
65) Chlorobenzene	10.14	112	190555	19.965	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	67643	20.317	ug/l	98
67) Ethyl Benzene	10.25	91	295022	18.659	ug/l	100
68) m/p-Xylenes	10.36	106	228020	37.070	ug/l	100
69) o-Xylene	10.70	106	115623	19.542	ug/l	99
70) Styrene	10.71	104	190870	19.627	ug/l	99
71) Bromoform	10.85	173	49815	19.953	ug/l #	97
73) Isopropylbenzene	11.02	105	278830	18.855	ug/l	100
74) N-amyl acetate	10.90	43	139628	21.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	115156	22.515	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	94067m	21.329	ug/l	
77) Bromobenzene	11.26	156	83973	22.639	ug/l	94
78) n-propylbenzene	11.36	91	311581	18.646	ug/l	98
79) 2-Chlorotoluene	11.42	91	199143	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	235592	19.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26840	18.336	ug/l	96
82) 4-Chlorotoluene	11.51	91	230038	19.543	ug/l	99
83) tert-Butylbenzene	11.77	119	221735	18.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	249844	20.080	ug/l	99
85) sec-Butylbenzene	11.94	105	266157	18.186	ug/l	99
86) p-Isopropyltoluene	12.06	119	235920	18.407	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	141245	20.529	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	140902	19.997	ug/l	97
89) n-Butylbenzene	12.39	91	194573	17.022	ug/l	98
90) Hexachloroethane	12.60	117	38133	17.658	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	145631	21.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23361	20.962	ug/l	87

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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 26 04:50:22 2019
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86810	20.659	ug/l	97
94) Hexachlorobutadiene	13.78	225	32343	16.825	ug/l	99
95) Naphthalene	13.83	128	309504	22.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90259	21.392	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

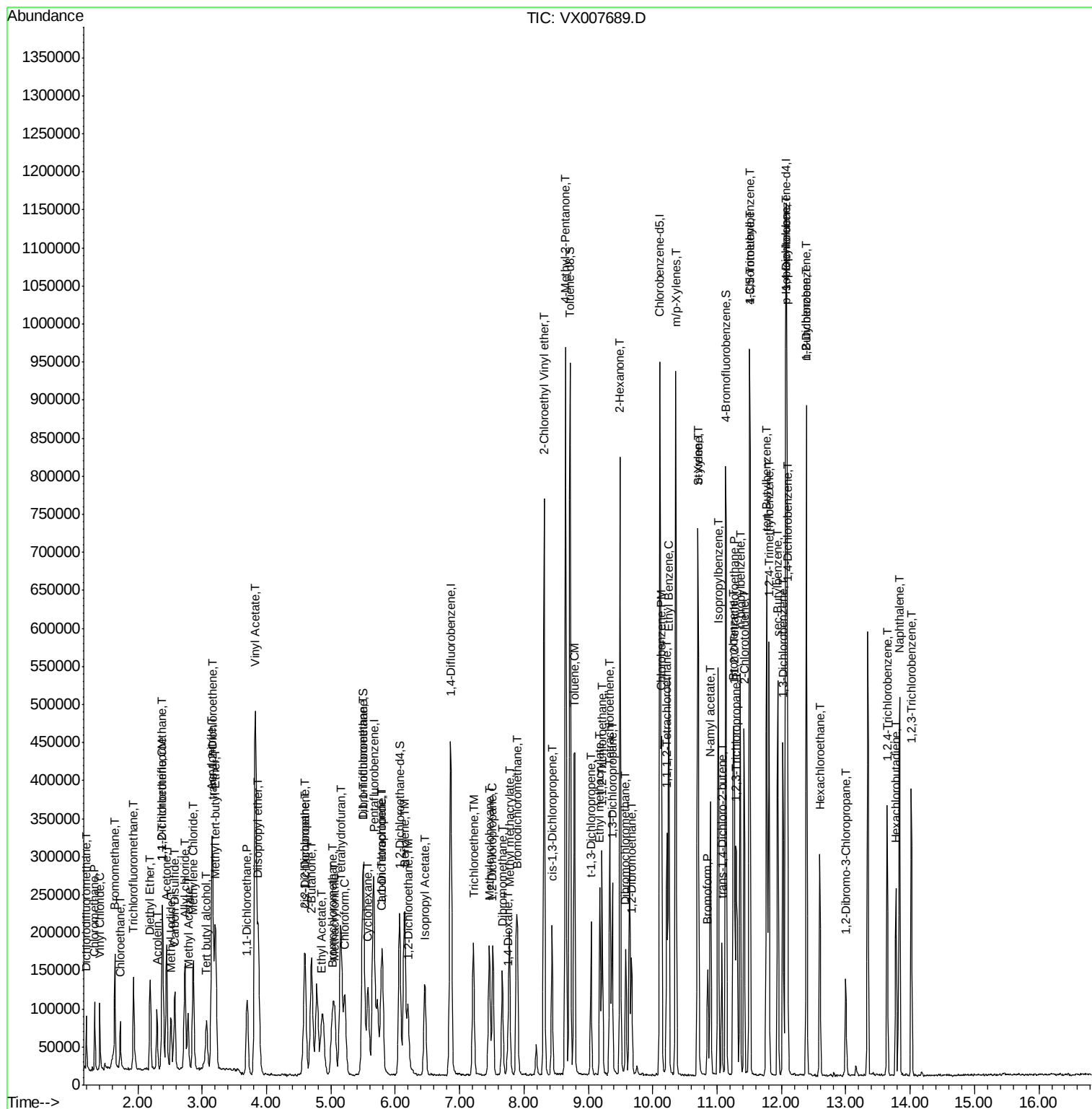
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007689.D
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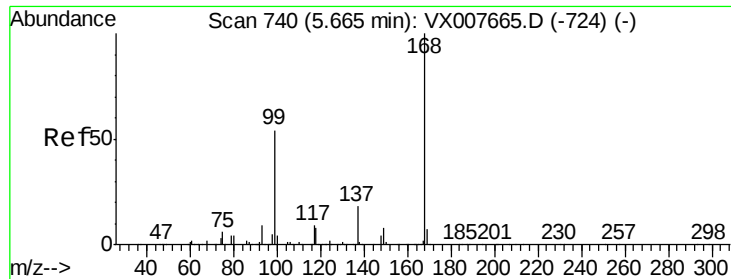
Instrument :
MSVOA_X
Client Sampled :
VX0225WBS02

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion:168 Resp: 265015

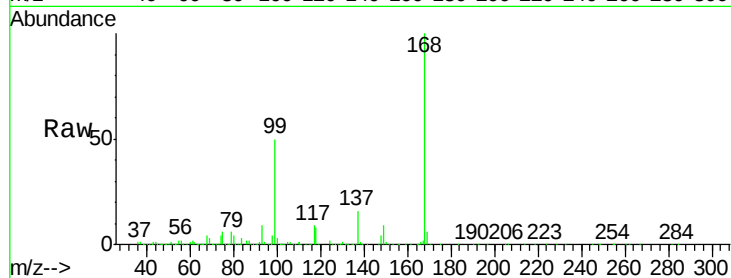
Ion Ratio Lower Upper

168 100

99 49.5 37.9 56.9

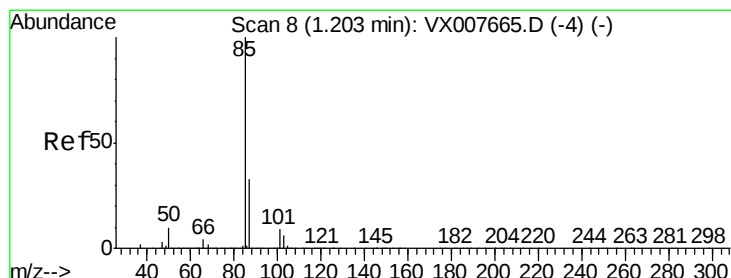
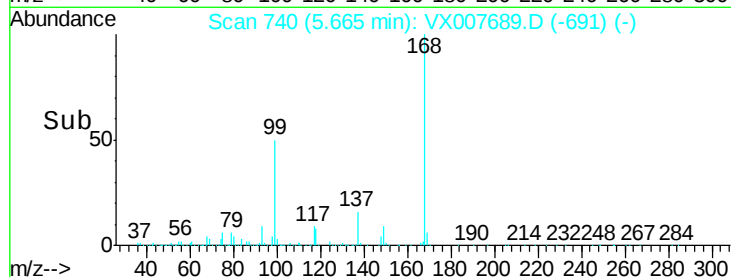
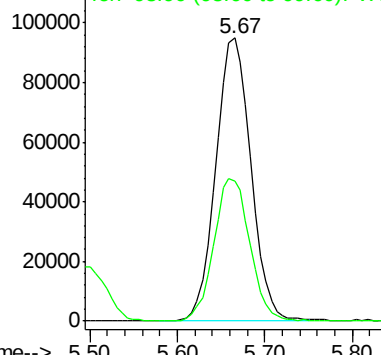
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.763 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007689.D

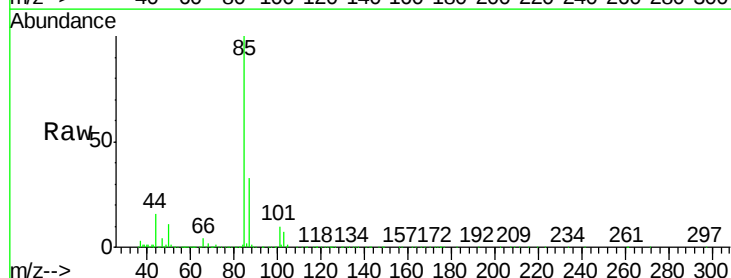
Acq: 26 Feb 2019 02:28

Tgt Ion: 85 Resp: 43364

Ion Ratio Lower Upper

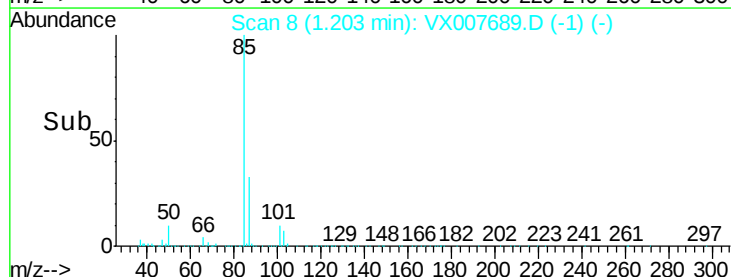
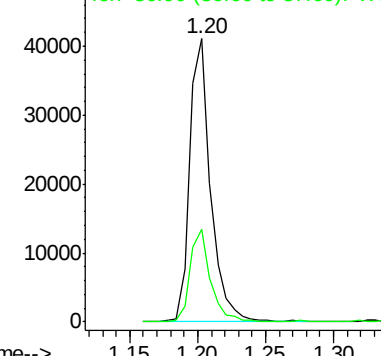
85 100

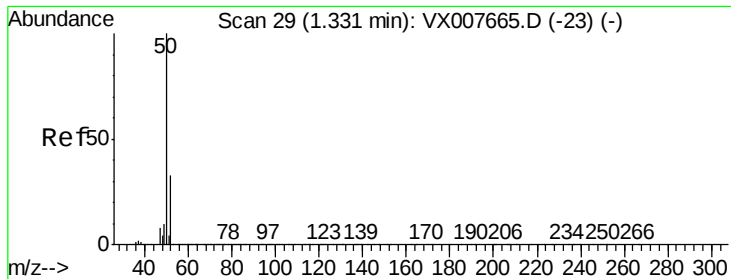
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.148 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 50 Resp: 57212

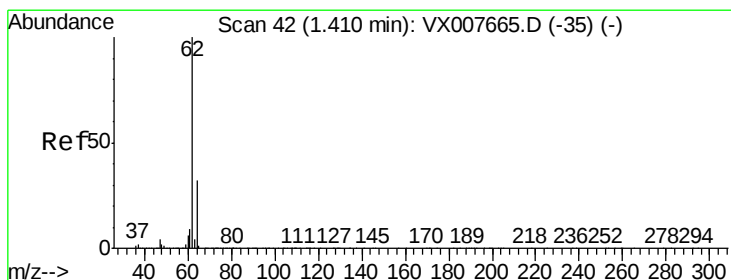
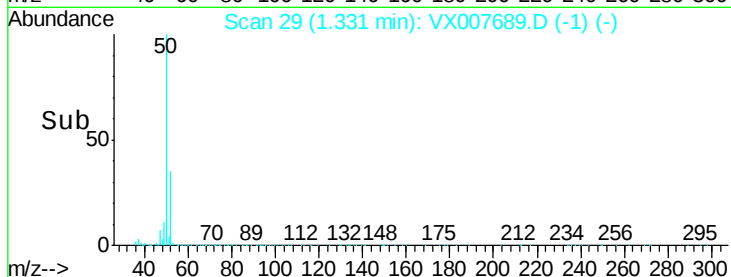
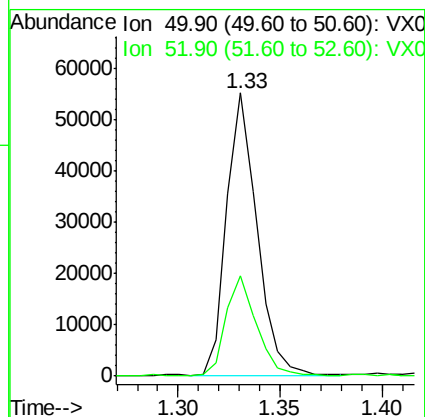
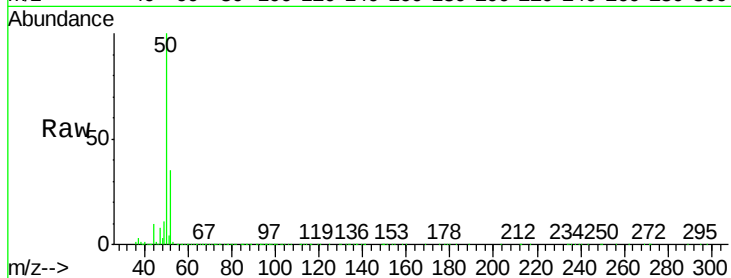
Ion Ratio Lower Upper

50 100

52 35.1 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.284 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007689.D

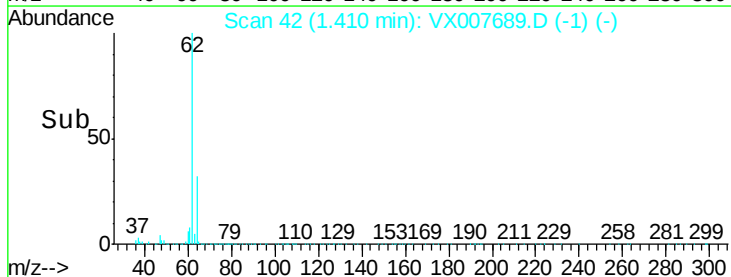
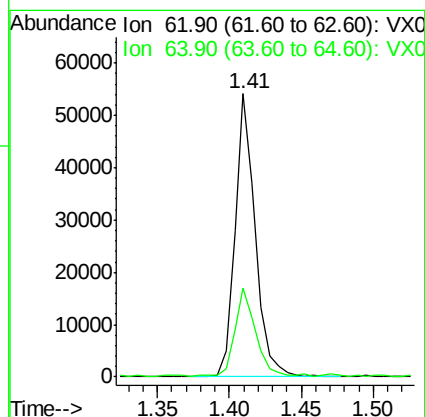
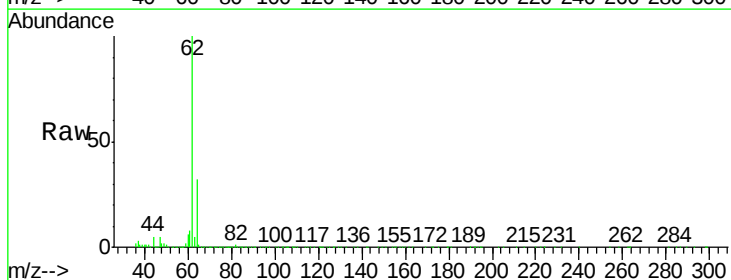
Acq: 26 Feb 2019 02:28

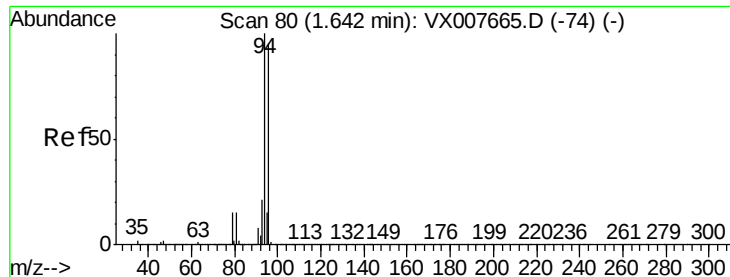
Tgt Ion: 62 Resp: 53523

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 26.648 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 94 Resp: 47857

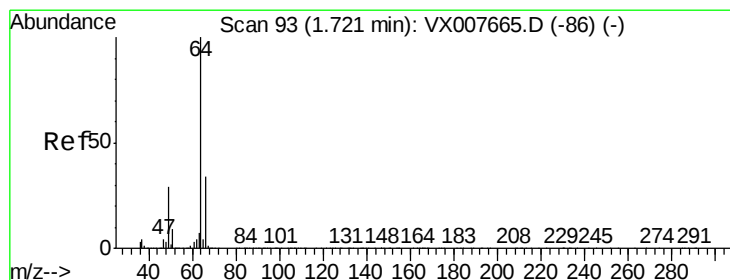
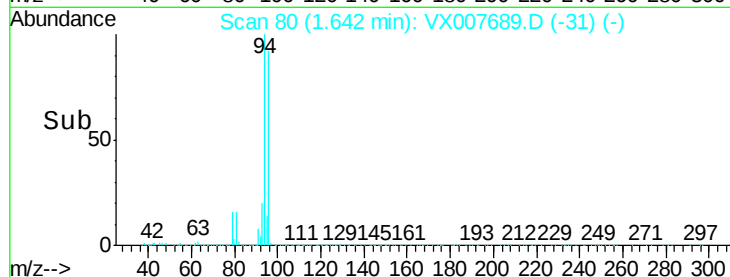
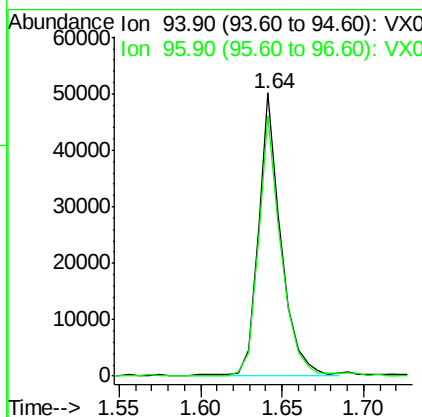
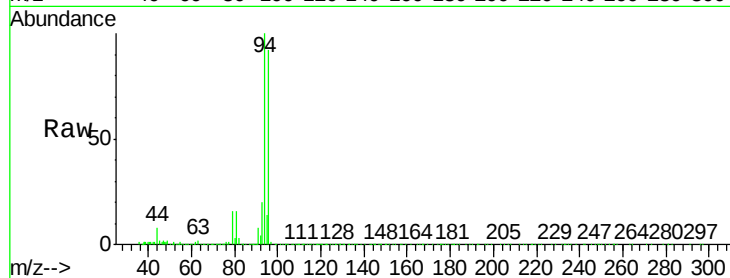
Ion Ratio Lower Upper

94 100

96 91.9 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 21.365 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007689.D

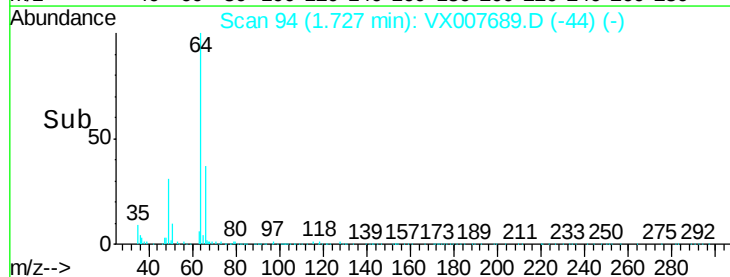
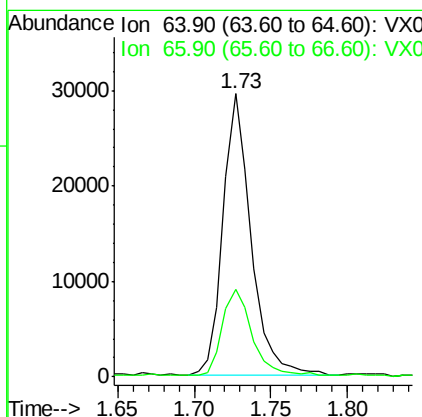
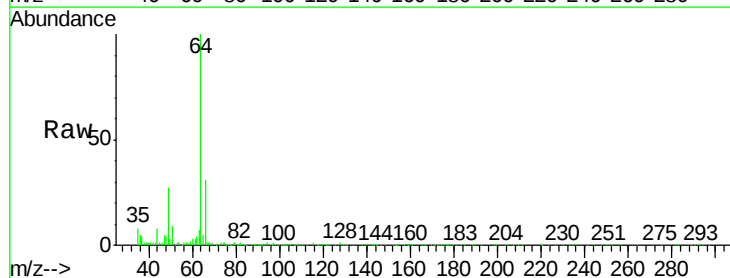
Acq: 26 Feb 2019 02:28

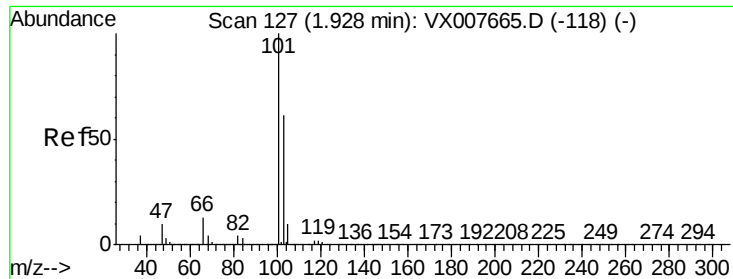
Tgt Ion: 64 Resp: 37886

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

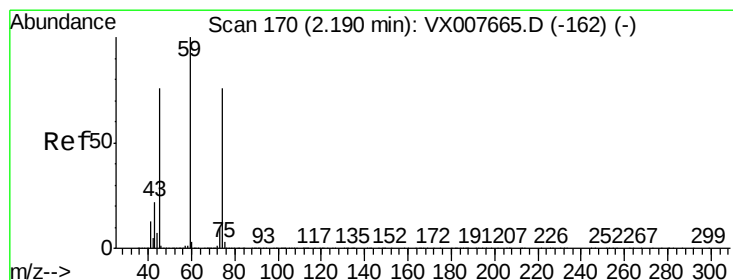
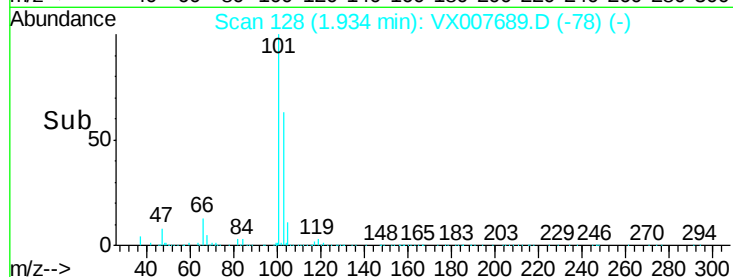
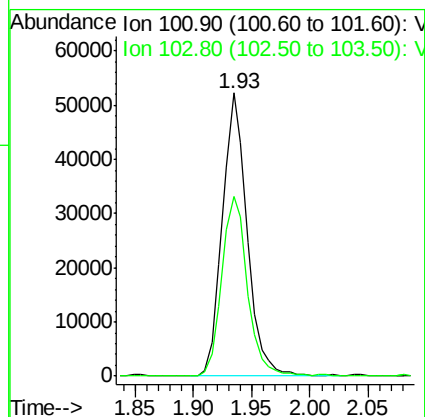
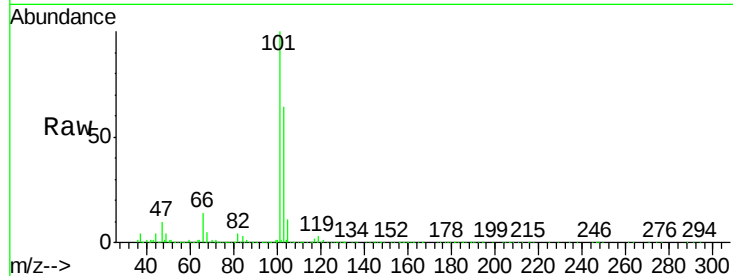
Trichlorofluoromethane
Concen: 18.062 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
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ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.6	79.0

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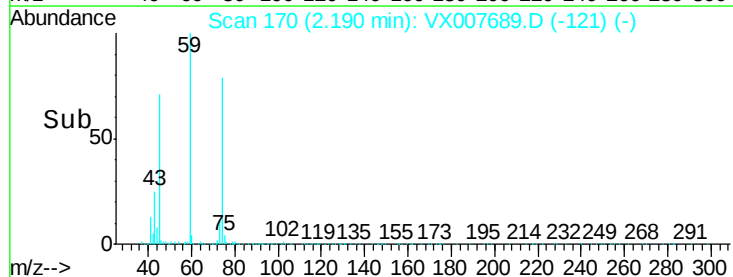
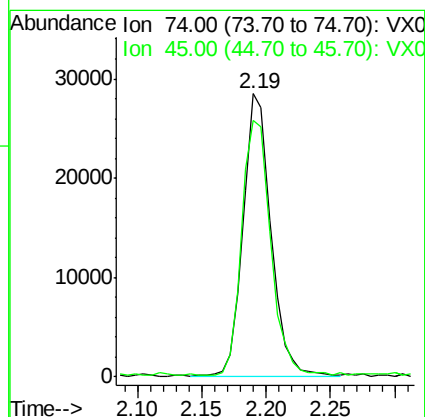
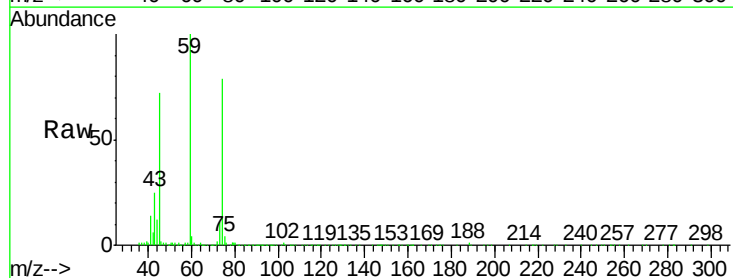
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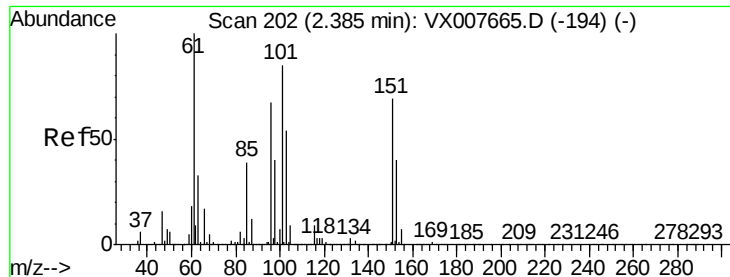


#8

Diethyl Ether
Concen: 24.327 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.354 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

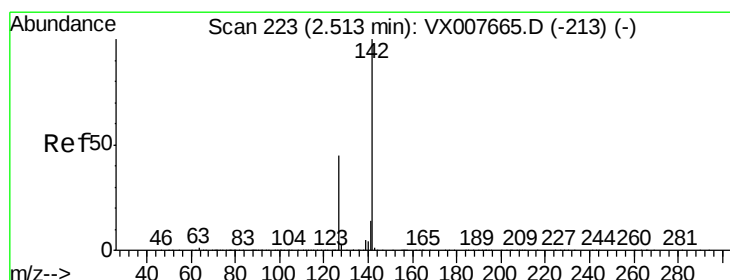
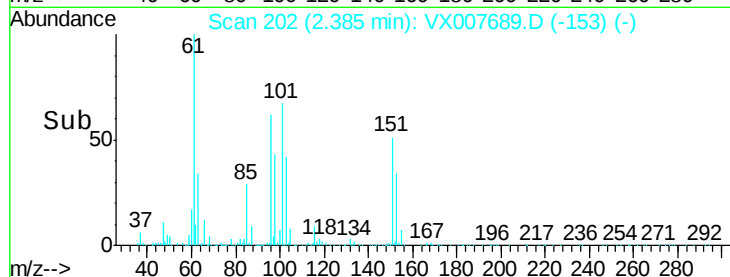
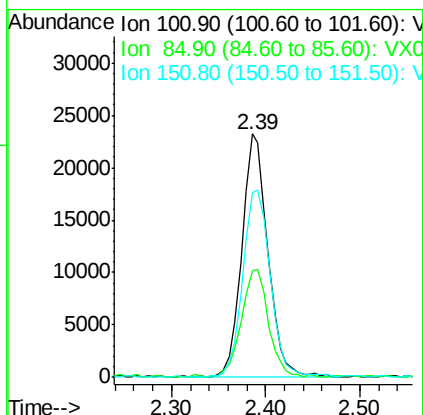
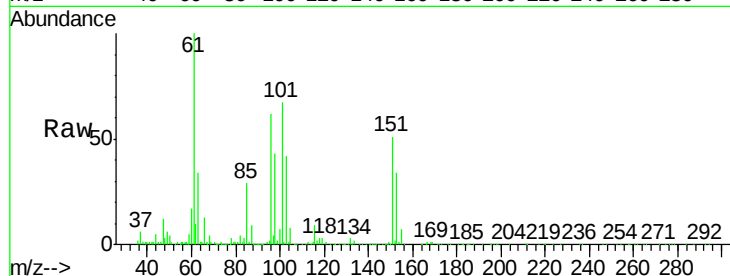
ClientSampleId :

VX0225WBS02

Tot Ion:	101	Resp:	44629
Ion Ratio	Lower	Upper	
101	100		
85	46.3	34.1	51.1
151	81.5	69.9	104.9

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2/26/2019 3:05:05 PM



#10

Methyl Iodide

Concen: 21.928 ug/l

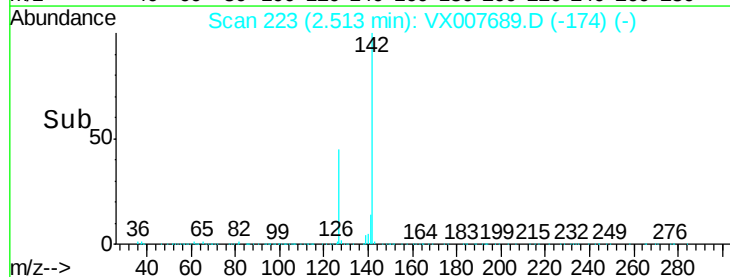
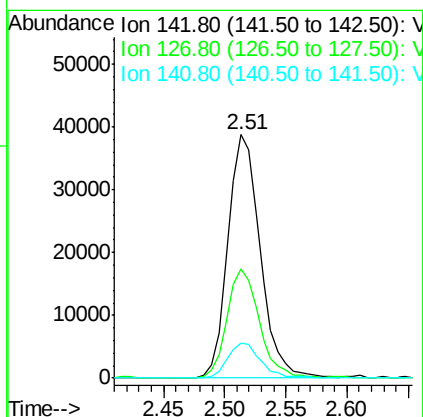
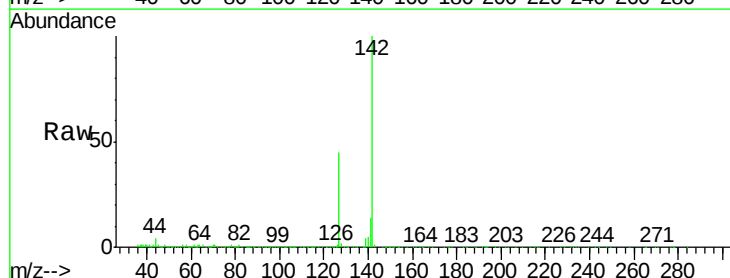
RT: 2.51 min Scan# 223

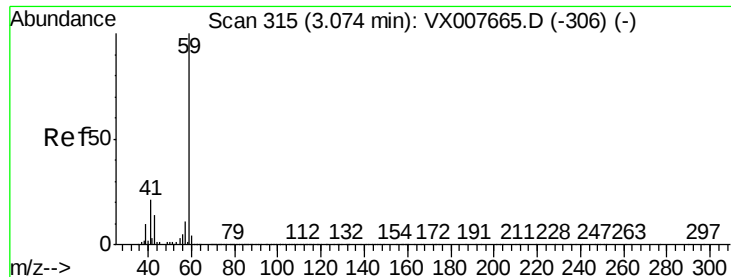
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	142	Resp:	70220
Ion Ratio	Lower	Upper	
142	100		
127	45.2	33.7	50.5
141	15.2	11.3	16.9





#11

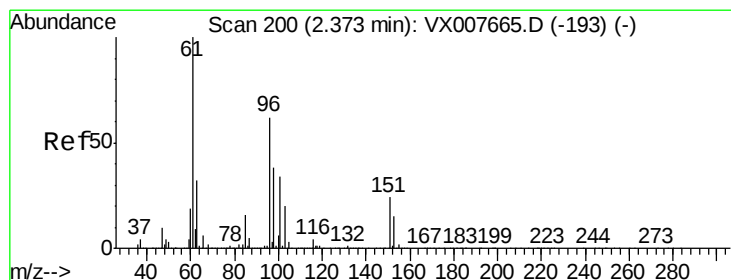
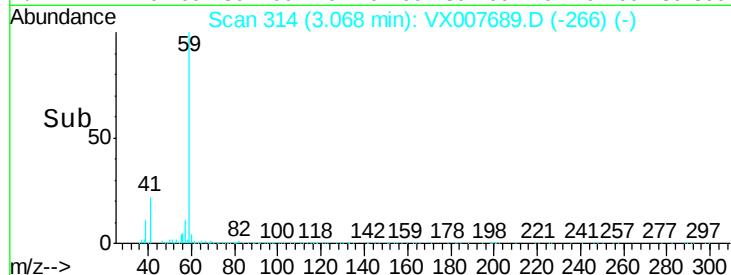
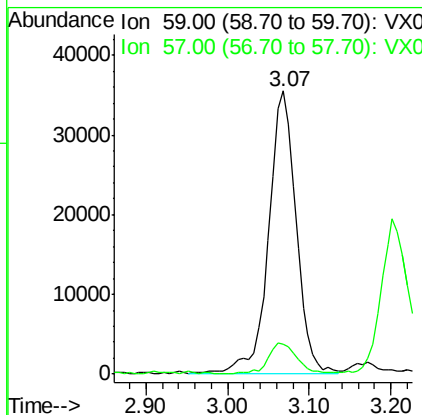
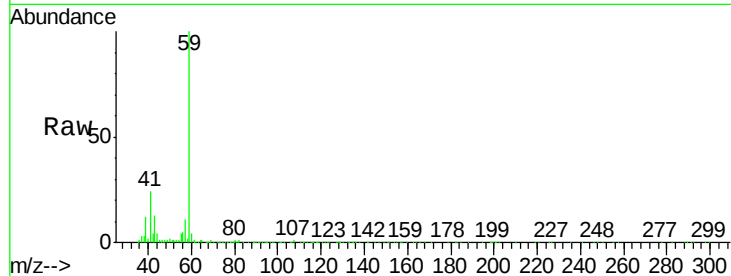
Tert butyl alcohol
Concen: 132.043 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.1	12.1

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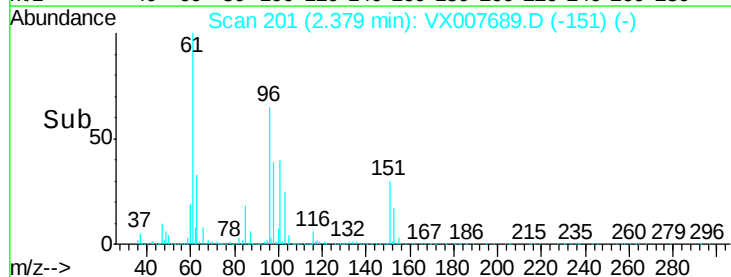
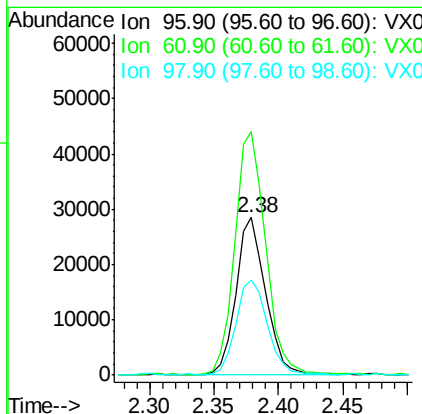
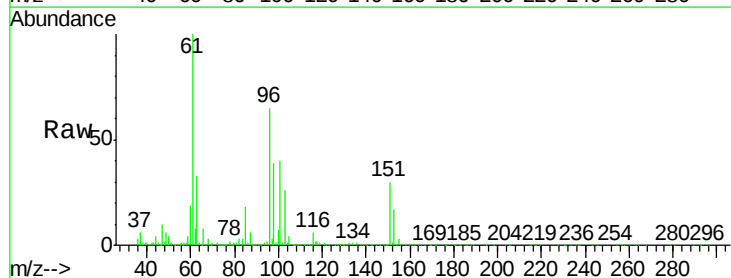
MMDadoda
2/26/2019 3:05:05 PM

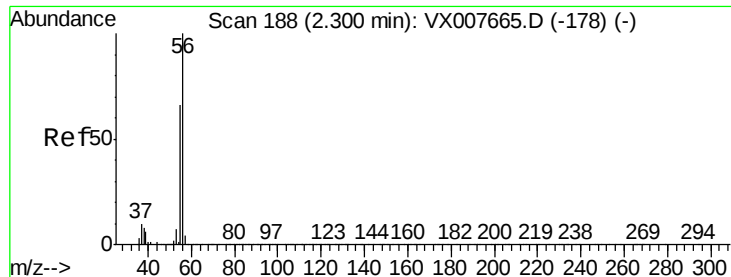


#12

1,1-Dichloroethene
Concen: 19.713 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.0	123.0	184.4
98	60.0	50.9	76.3





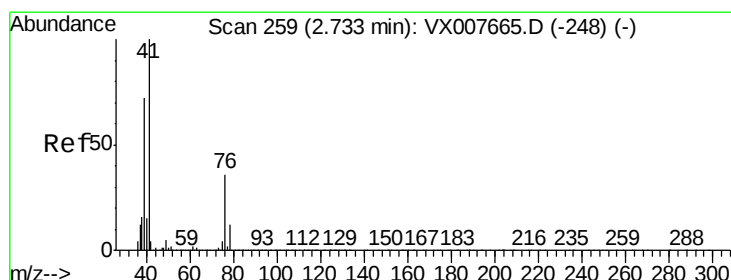
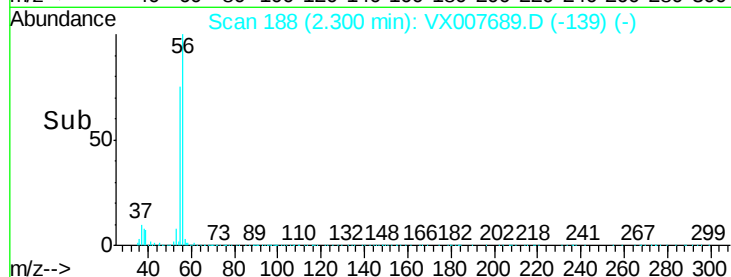
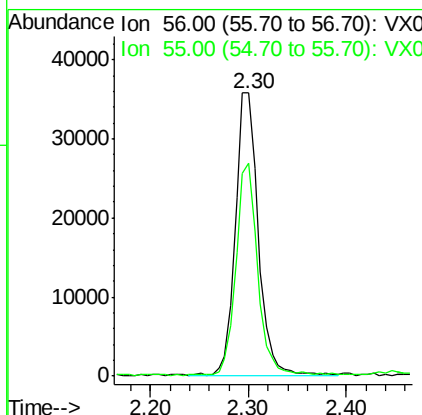
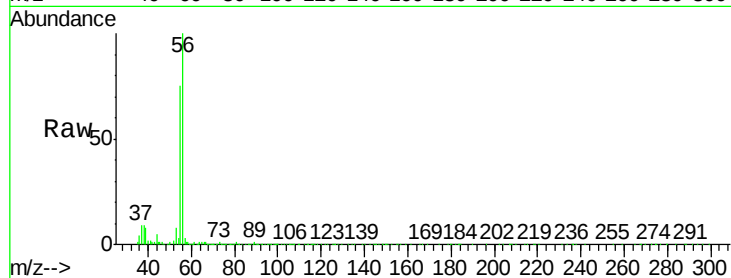
#13
Acrolein
Concen: 105.465 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.9	85.3

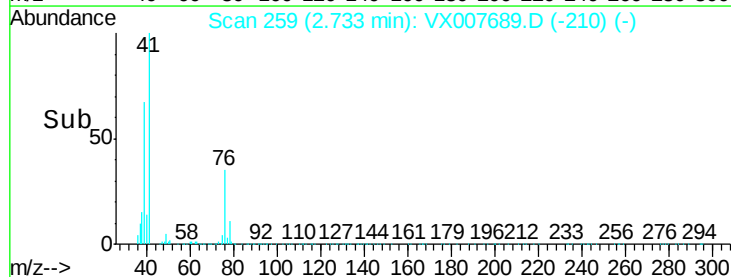
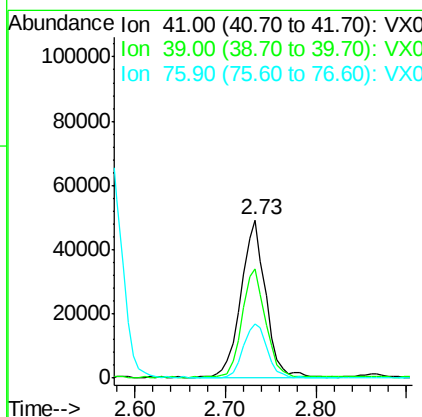
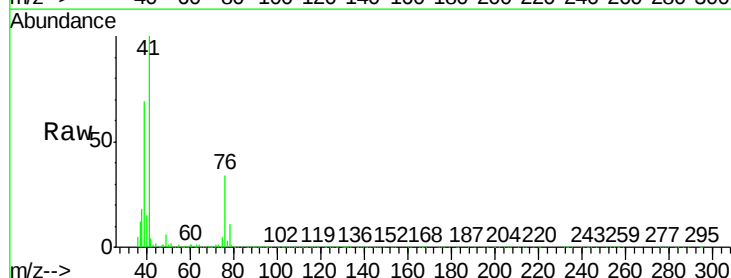
Manual Integrations
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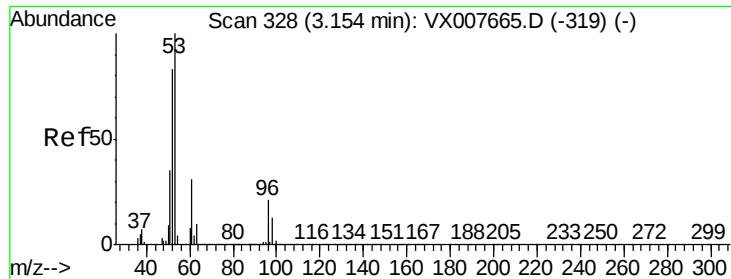
MMDadoda
2/26/2019 3:05:05 PM



#14
Allyl chloride
Concen: 21.768 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.0	54.1	81.1
76	32.2	27.8	41.8





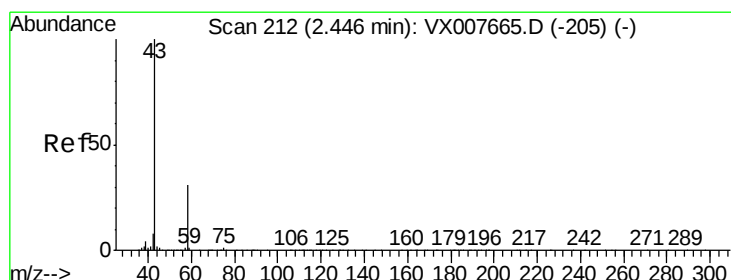
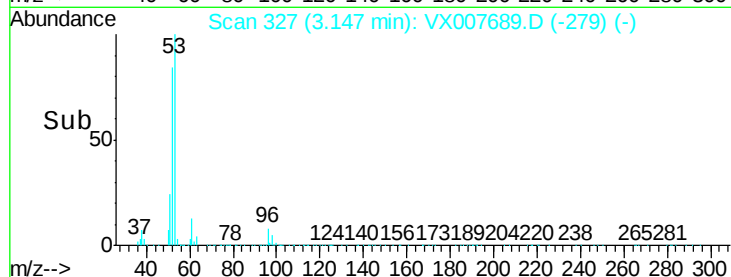
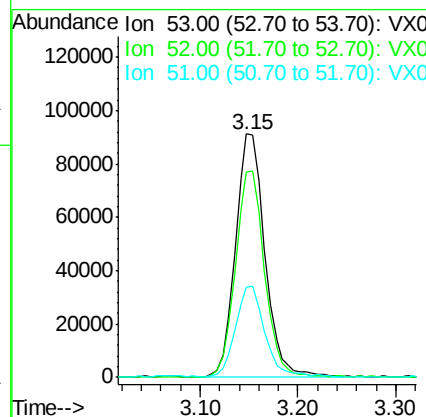
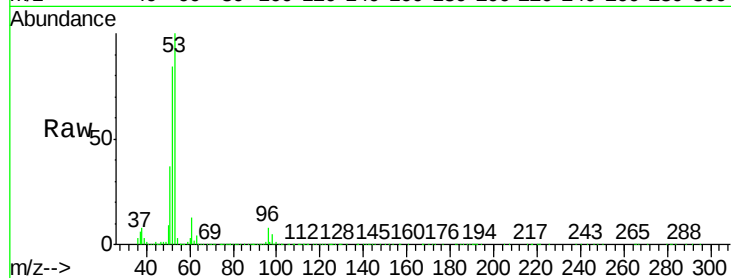
#15
 Acrylonitrile
 Concen: 129.008 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion:	53	Resp:	189092
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.4	99.6
51	37.7	28.4	42.6

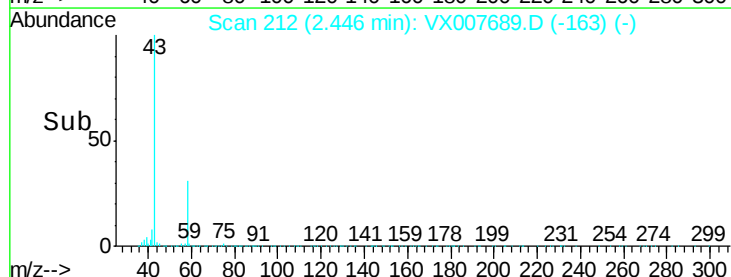
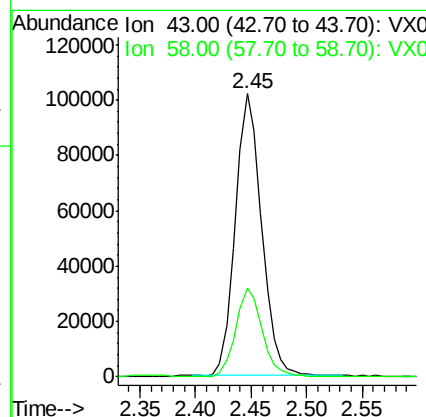
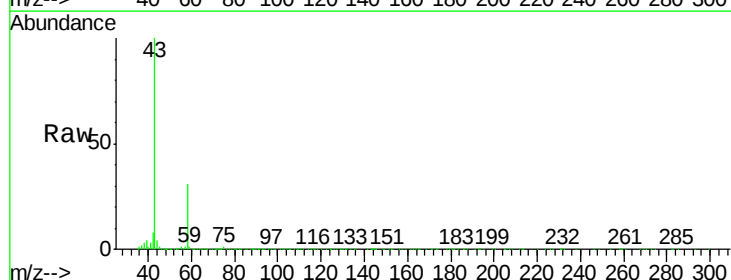
Manual Integrations
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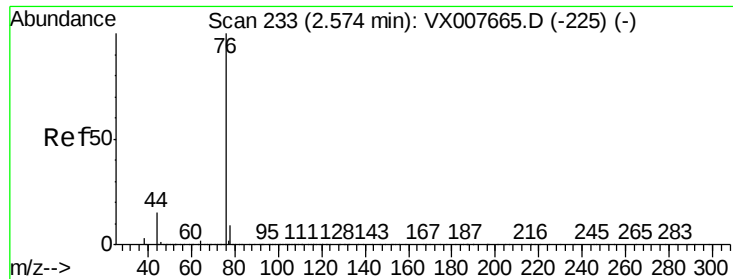
MMDadoda
 2/26/2019 3:05:05 PM



#16
 Acetone
 Concen: 114.210 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion:	43	Resp:	166726
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.9	37.3





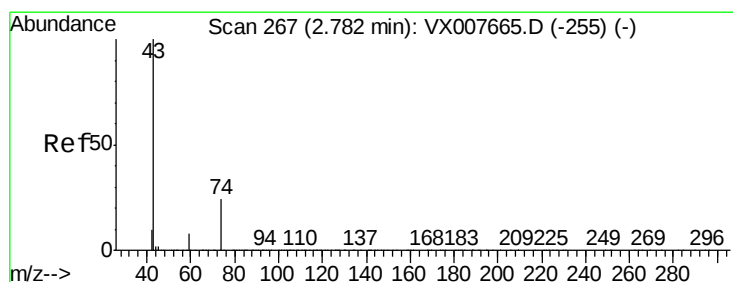
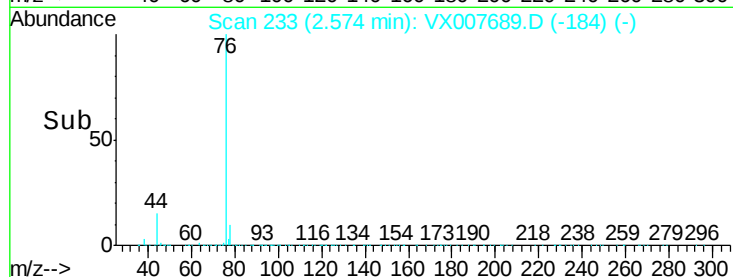
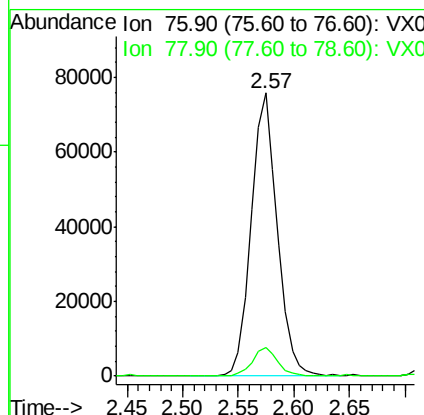
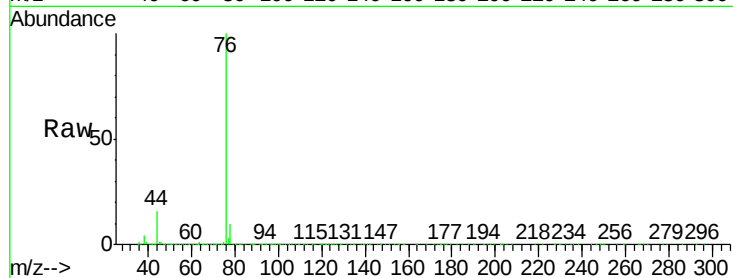
#17
Carbon Disulfide
Concen: 19.181 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.1	10.7

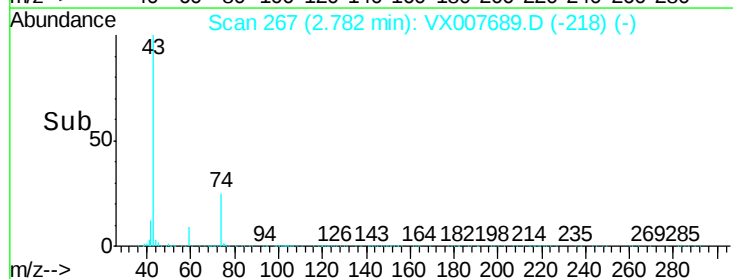
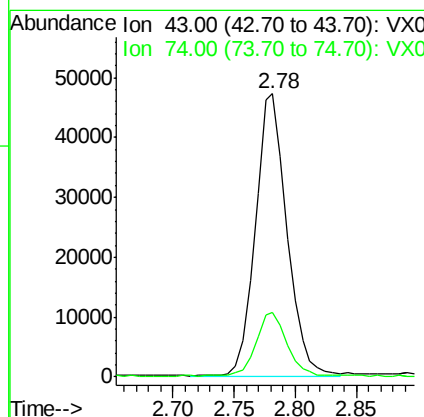
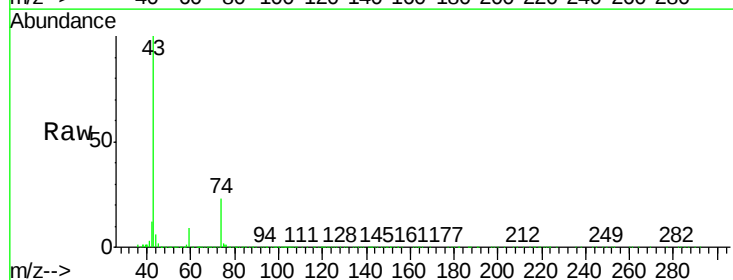
Manual Integrations
APPROVED

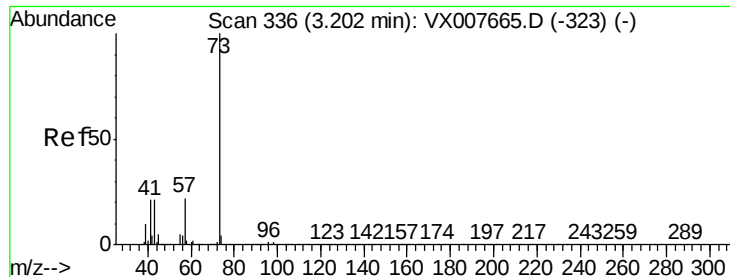
MMDadoda
2/26/2019 3:05:05 PM



#18
Methyl Acetate
Concen: 26.665 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.4	29.2





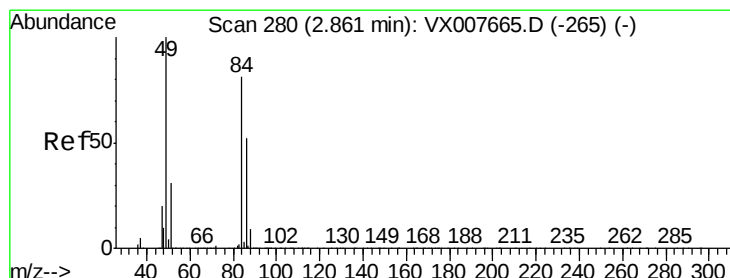
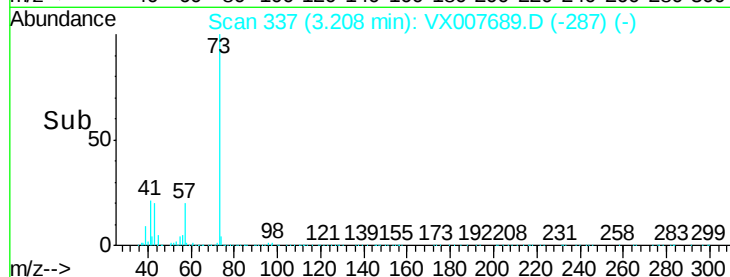
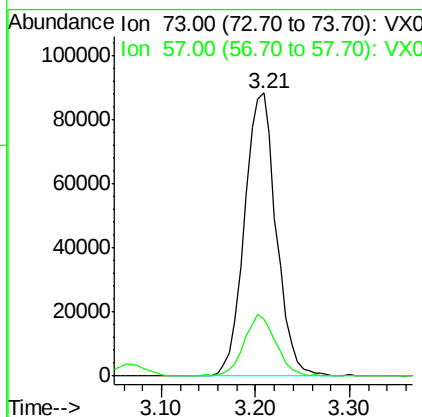
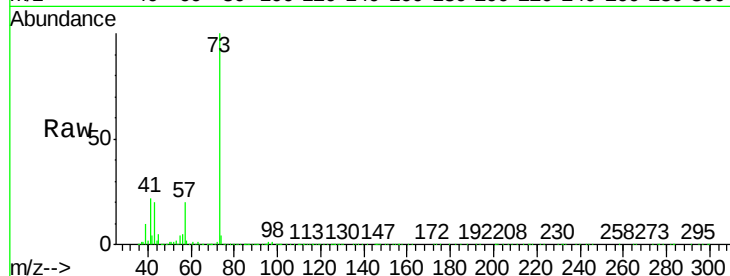
#19
Methvl tert-butvl Ether
Concen: 25.818 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.8	26.8

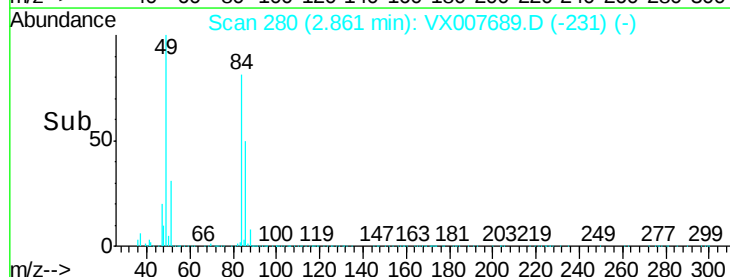
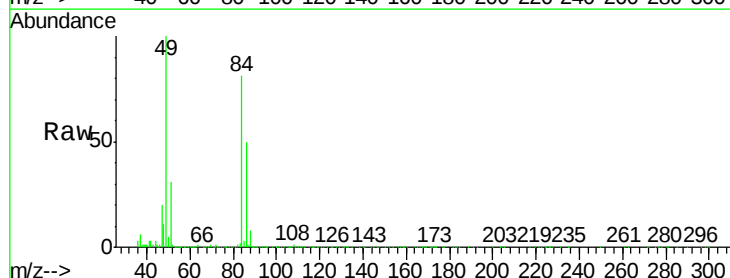
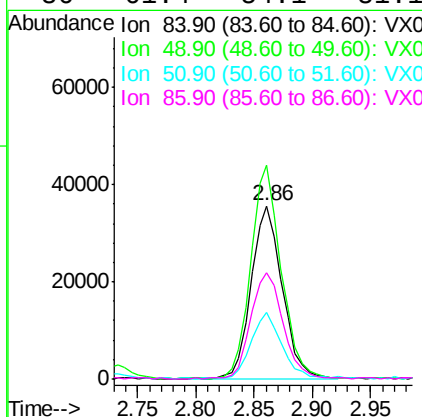
Manual Integrations
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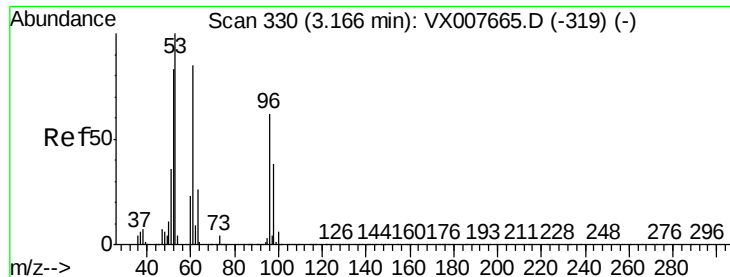
MMDadoda
2/26/2019 3:05:05 PM



#20
Methylene Chloride
Concen: 24.664 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	94.8	142.2
51	37.5	29.8	44.8
86	61.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 21.345 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

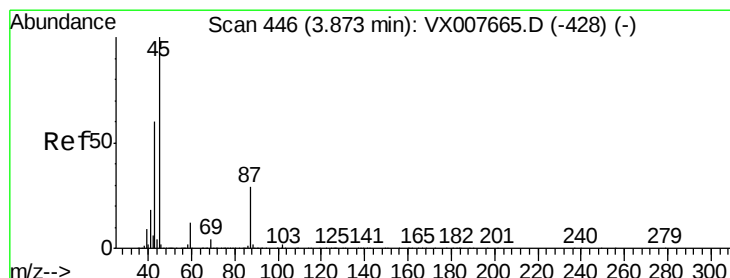
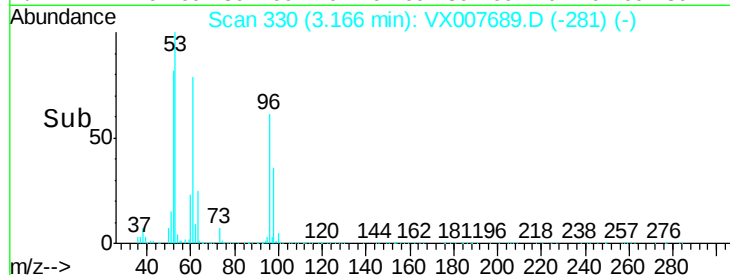
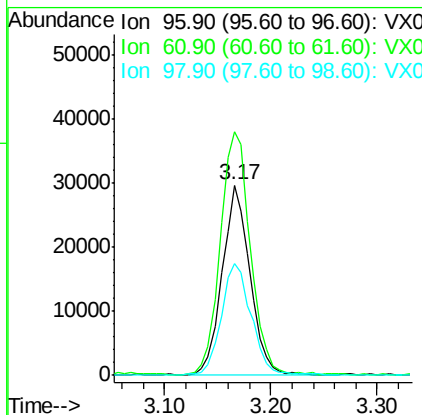
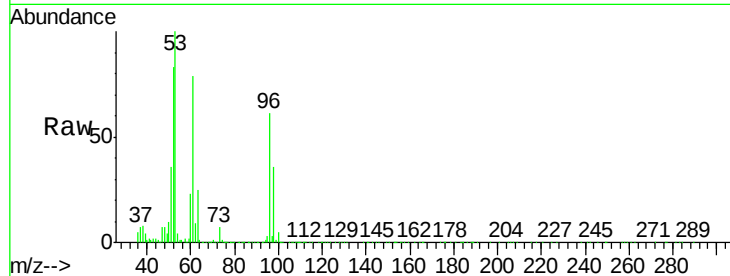
ClientSampleId :

VX0225WBS02

Tot Ion:	96	Resp:	53792
Ion	Ratio	Lower	Upper
96	100		
61	127.6	104.6	156.8
98	59.3	51.0	76.4

Manual Integrations
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MMDadoda
2/26/2019 3:05:05 PM



#22

Diisopropyl ether

Concen: 23.815 ug/l

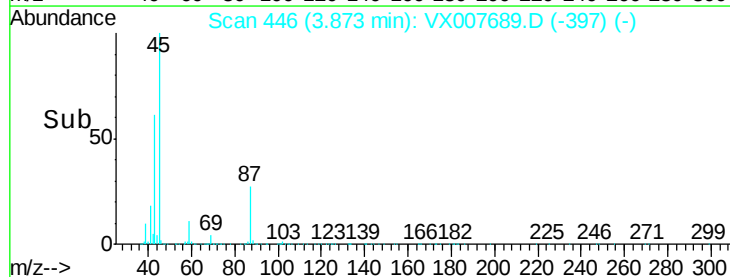
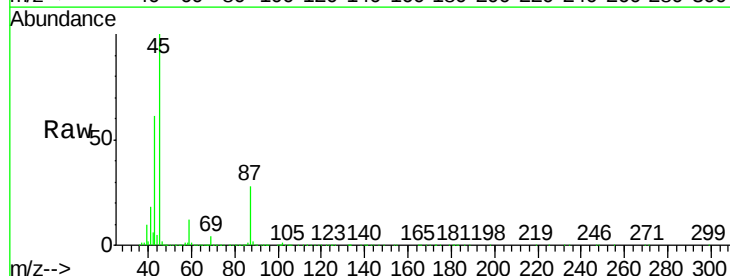
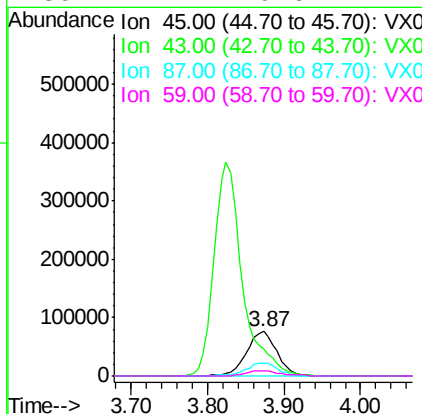
RT: 3.87 min Scan# 446

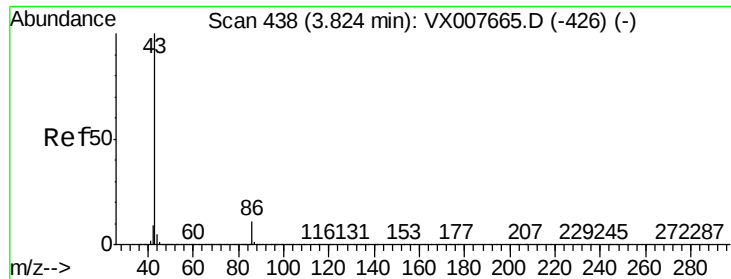
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	45	Resp:	212500
Ion	Ratio	Lower	Upper
45	100		
43	60.8	48.9	73.3
87	27.6	23.9	35.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 119.892 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 43 Resp: 938570

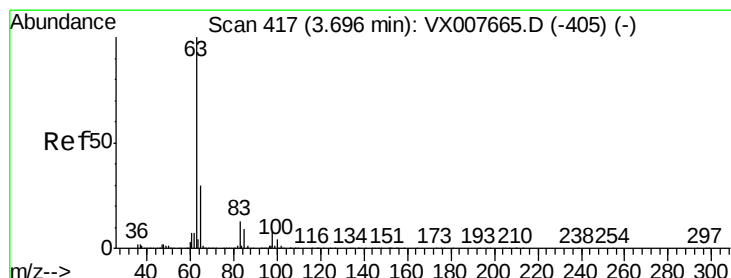
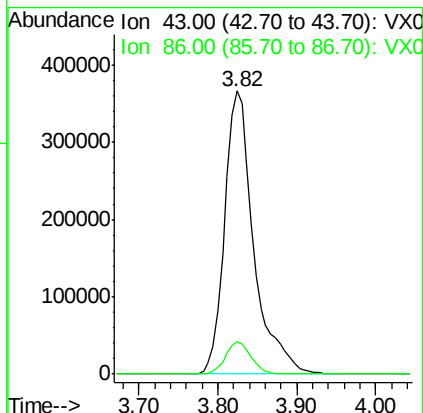
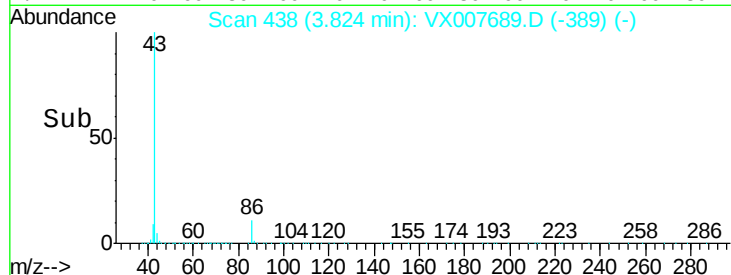
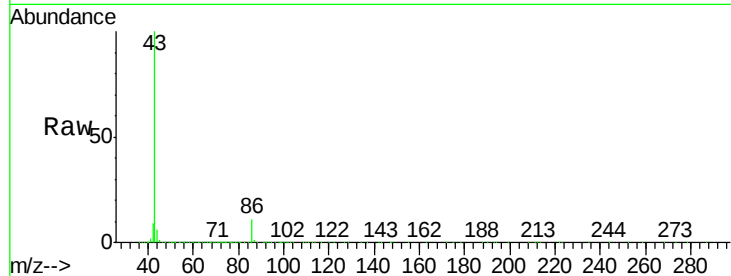
Ion Ratio Lower Upper

43 100

86 11.5 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:05 PM



#24

1,1-Dichloroethane

Concen: 23.075 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

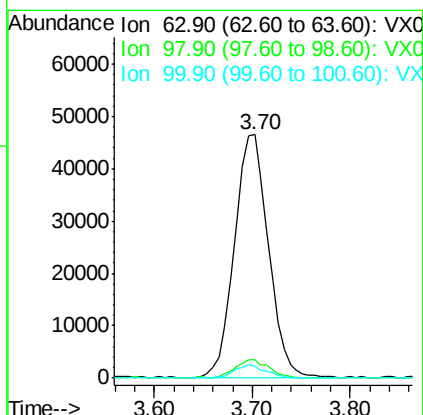
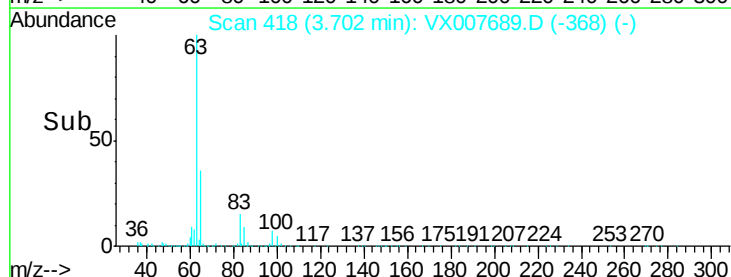
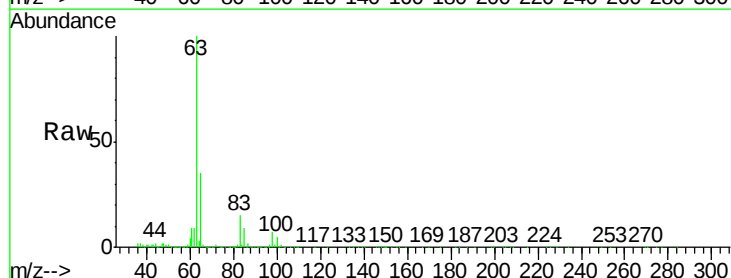
Tgt Ion: 63 Resp: 111897

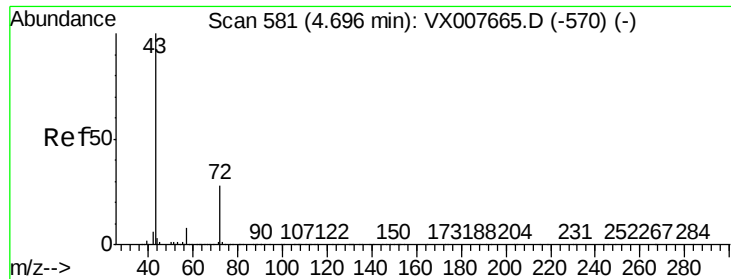
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 121.418 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 43 Resp: 269994

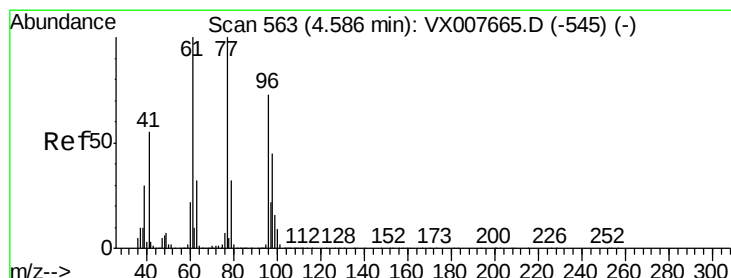
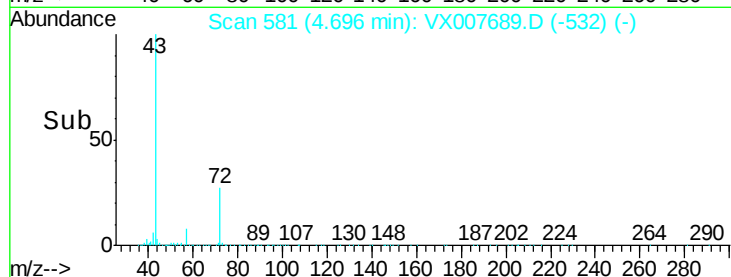
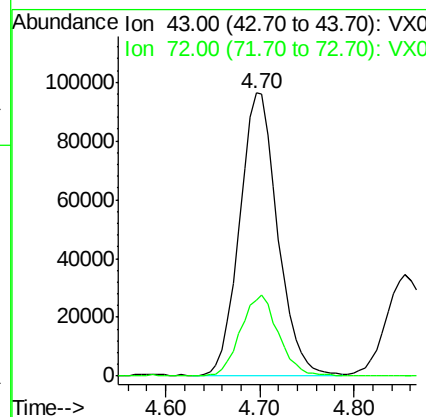
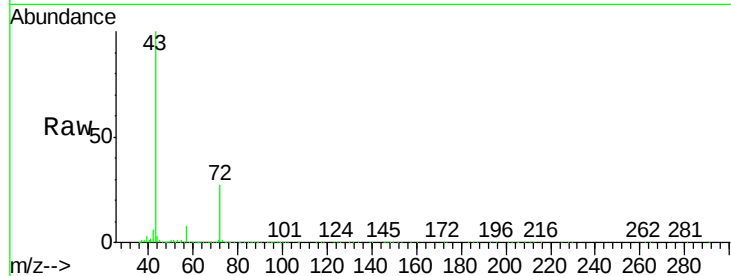
Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2

Manual Integrations
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2/26/2019 3:05:05 PM



#26

2,2-Dichloropropane

Concen: 14.157 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007689.D

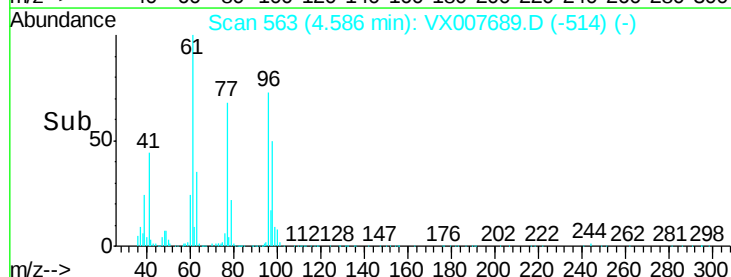
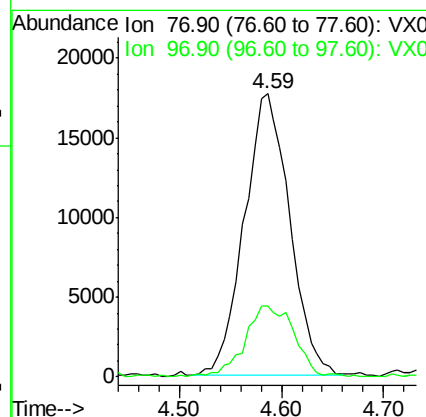
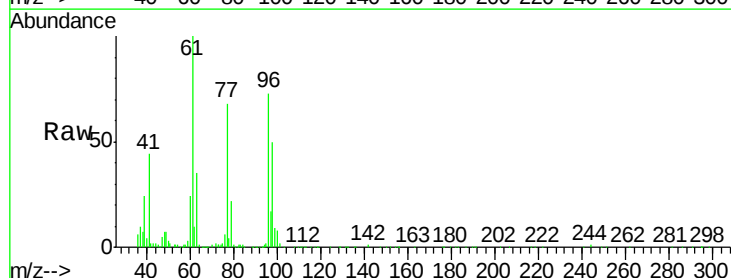
Acq: 26 Feb 2019 02:28

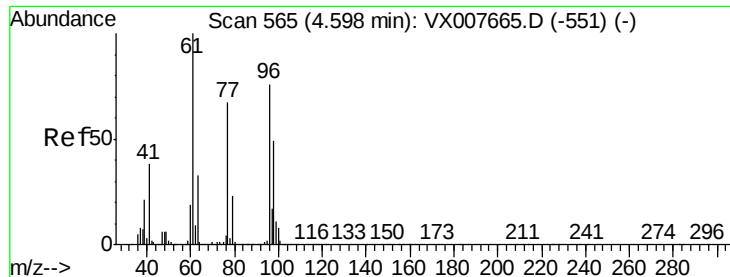
Tgt Ion: 77 Resp: 54799

Ion Ratio Lower Upper

77 100

97 27.6 12.1 36.3





#27

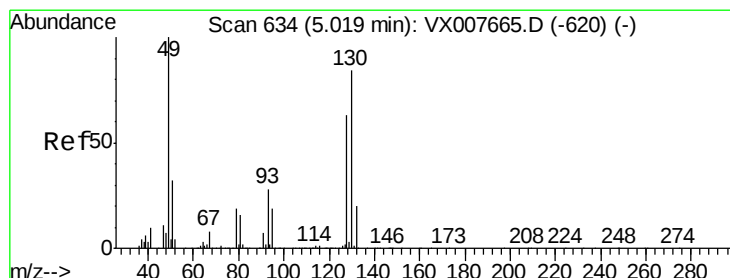
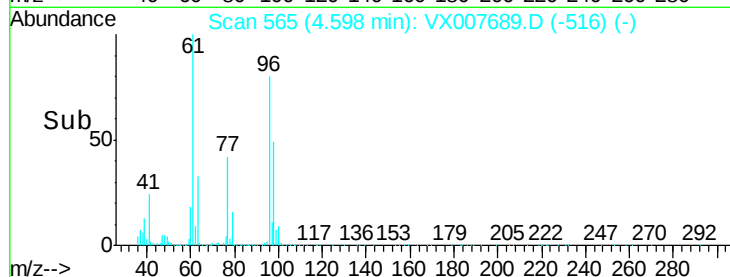
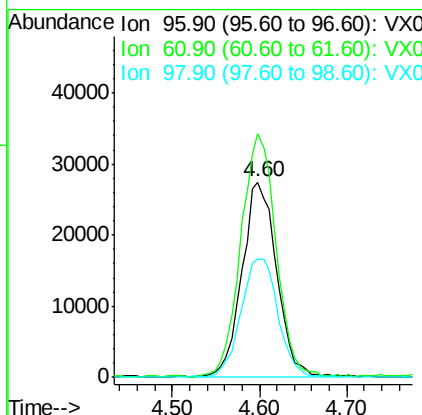
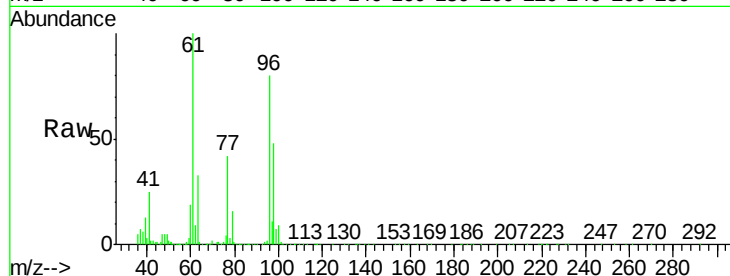
cis-1,2-Dichloroethene
 Concen: 23.434 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	265.6
98	64.9	0.0	131.6

Manual Integrations
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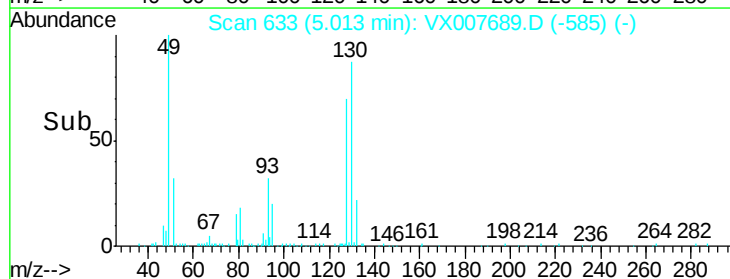
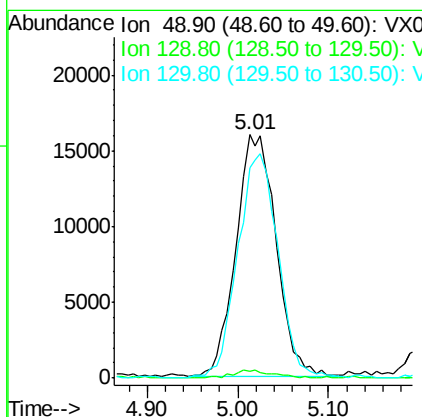
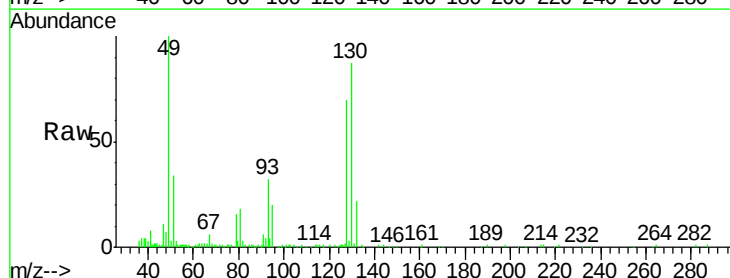
MMDadoda
 2/26/2019 3:05:05 PM

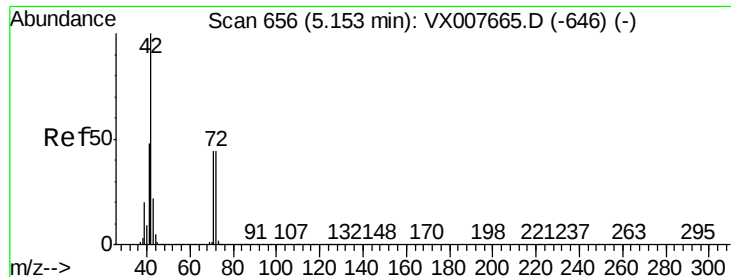


#28

Bromochloromethane
 Concen: 20.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	5.6
130	93.9	75.6	113.4





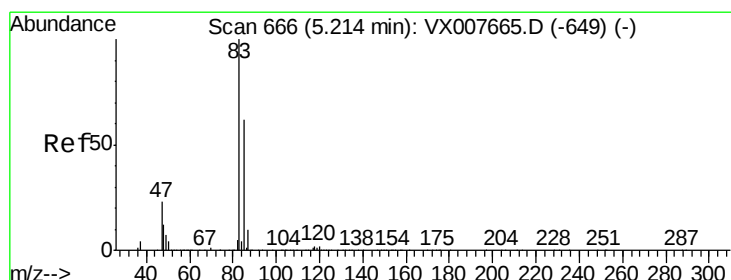
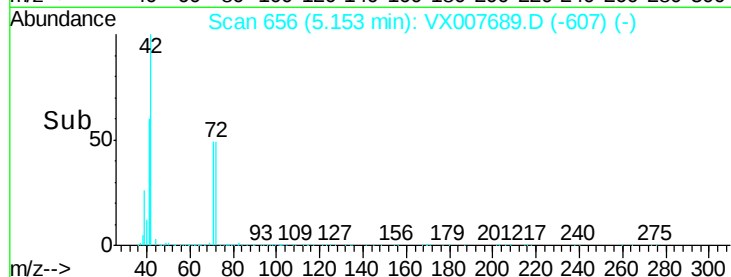
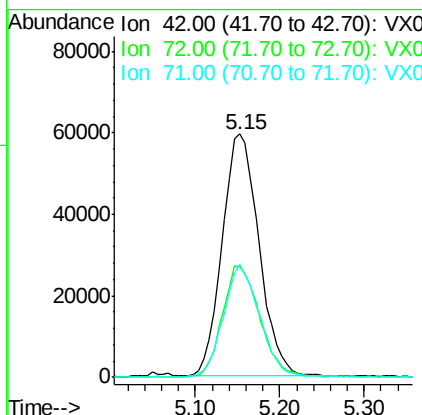
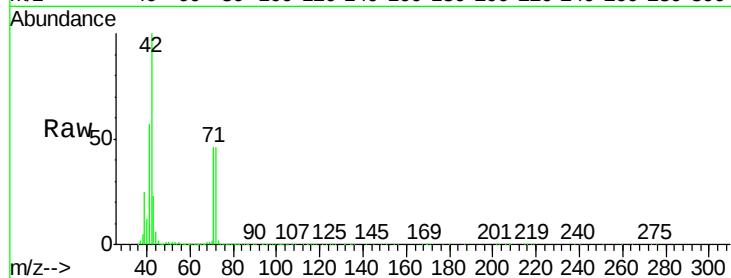
#29
Tetrahydrofuran
Concen: 120.491 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.6	56.4
71	45.5	34.6	51.8

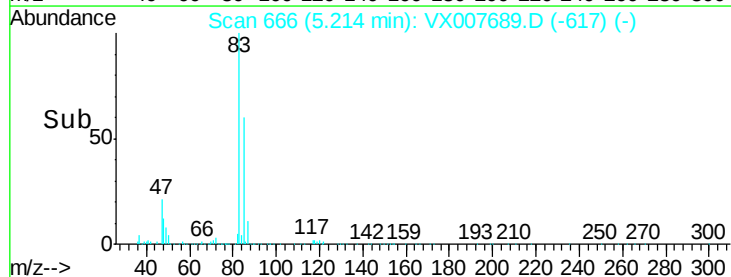
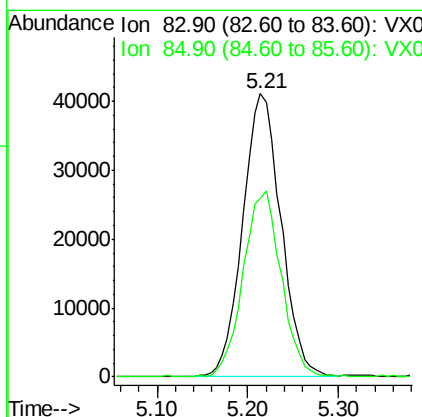
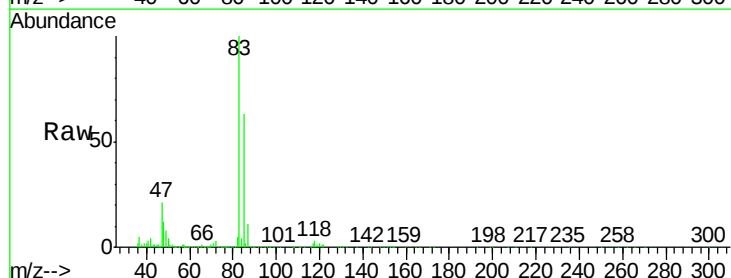
Manual Integrations
APPROVED

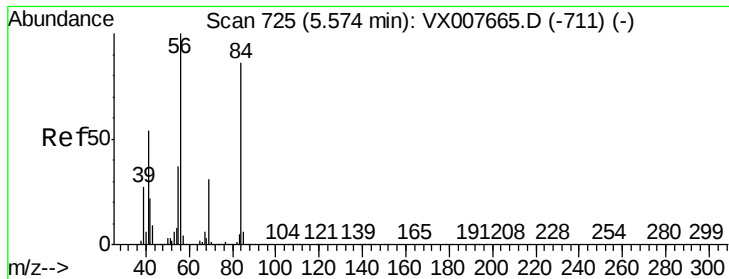
MMDadoda
2/26/2019 3:05:05 PM



#30
Chloroform
Concen: 23.160 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.6	77.4





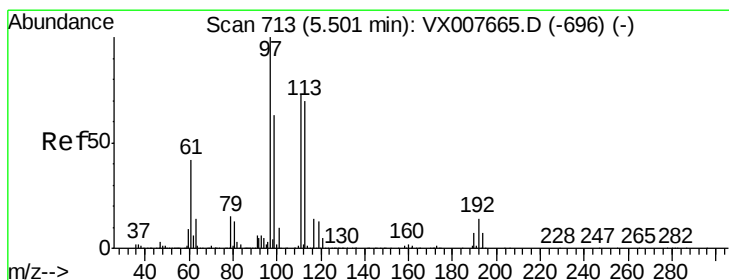
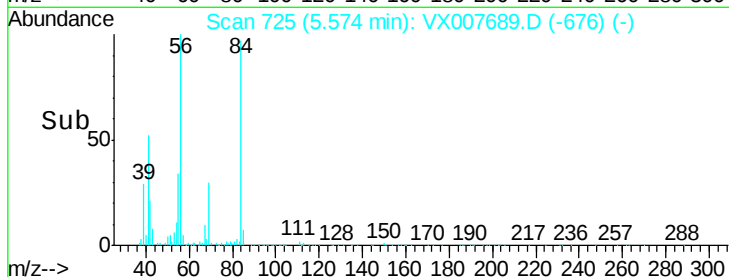
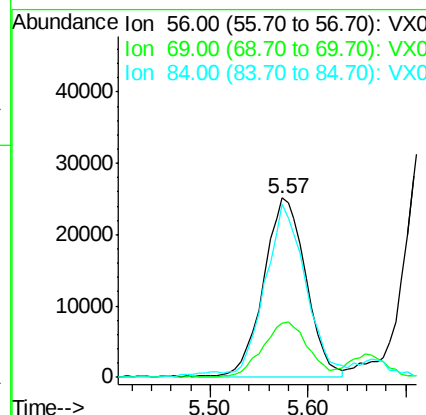
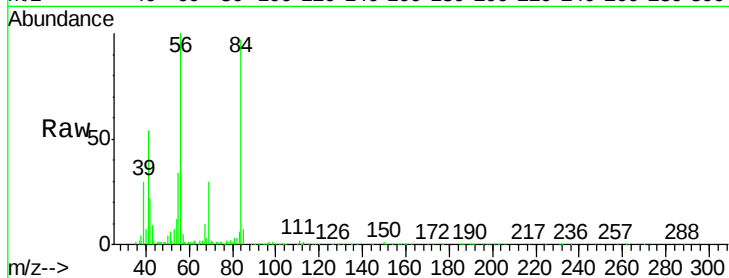
#31
Cyclohexane
Concen: 16.730 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.6
84	94.7	69.8	104.6

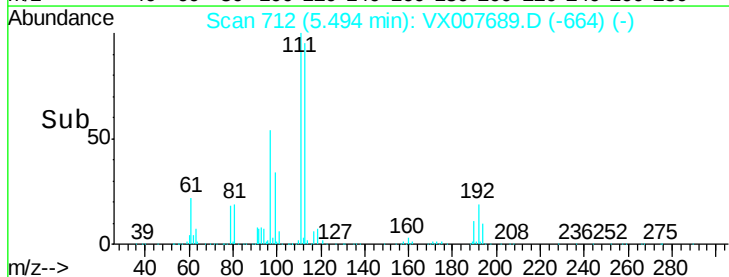
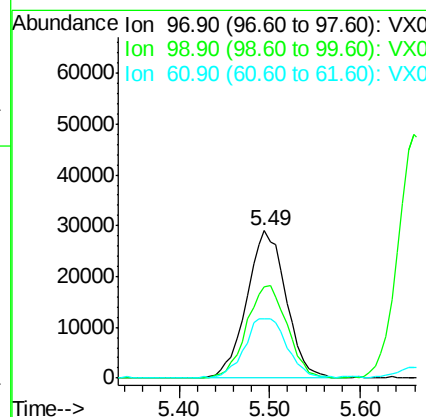
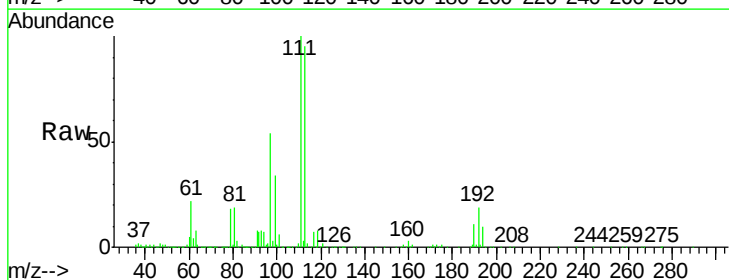
Manual Integrations
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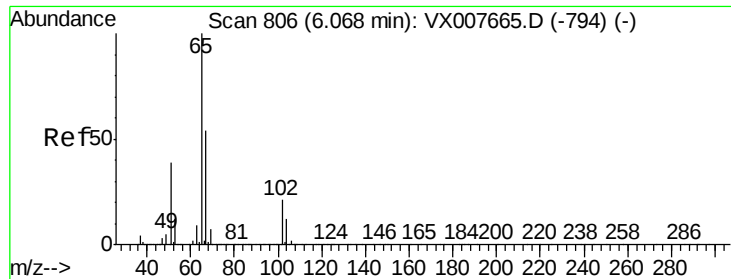
MMDadoda
2/26/2019 3:05:05 PM



#32
1,1,1-Trichloroethane
Concen: 20.188 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	43.1	32.7	49.1





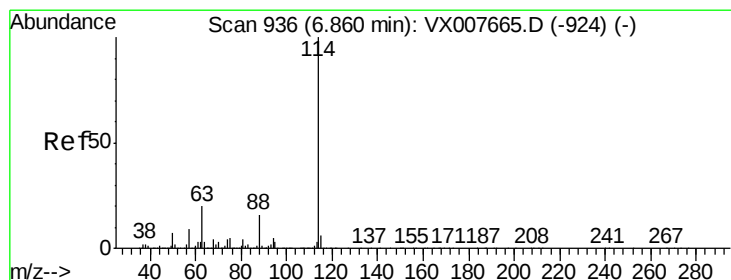
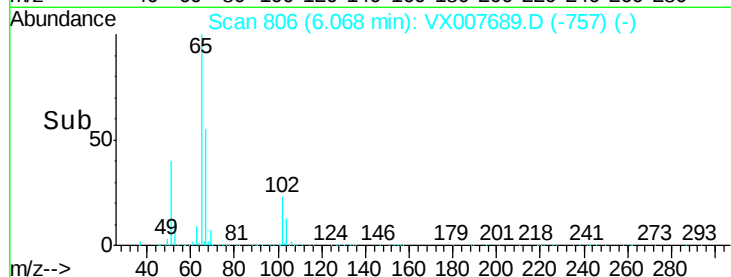
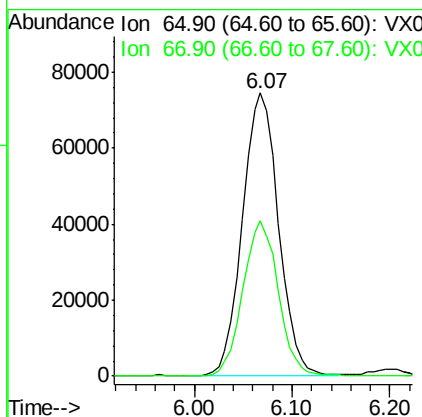
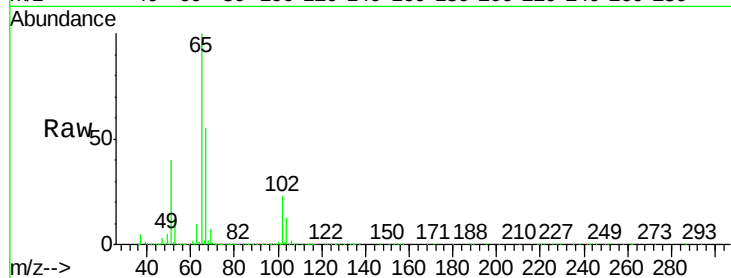
#33
 1,2-Dichloroethane-d4
 Concen: 58.089 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190689		
67	53.8	0.0	108.8	

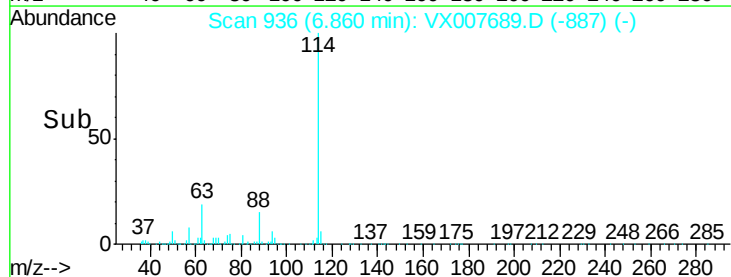
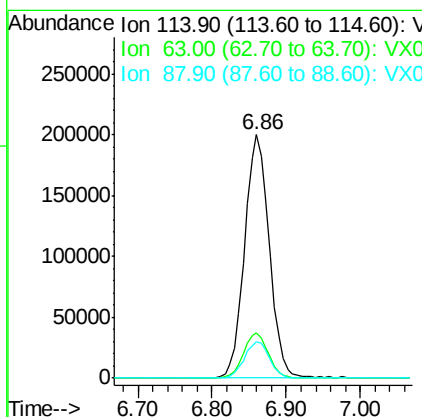
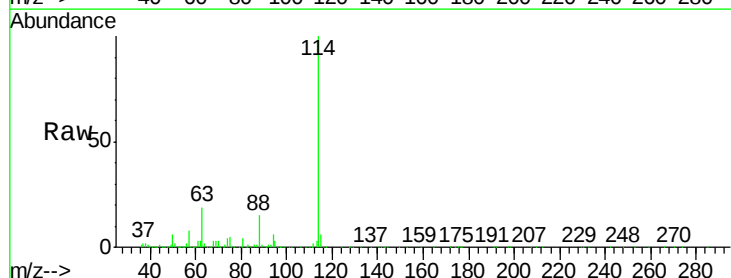
Manual Integrations
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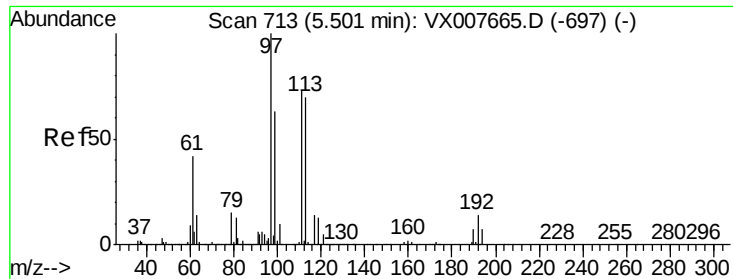
MMDadoda
 2/26/2019 3:05:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	465581		
63	18.7	0.0	35.6	
88	14.9	0.0	29.6	





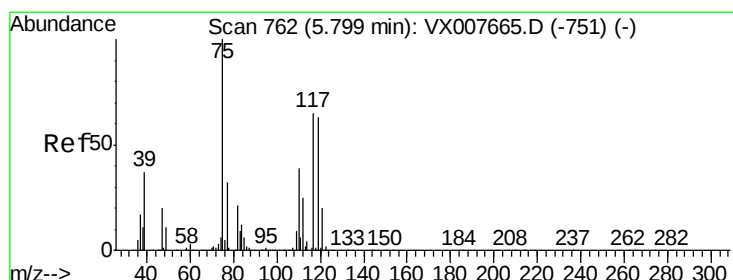
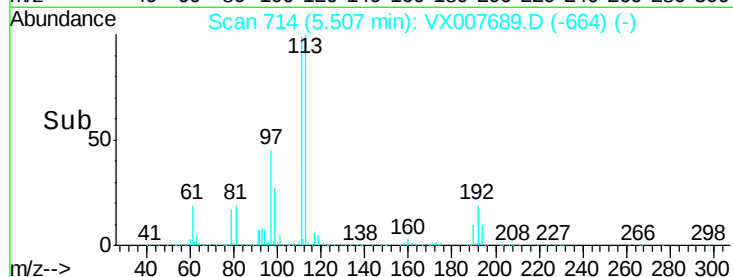
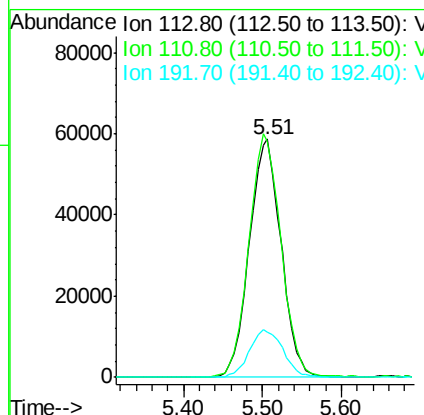
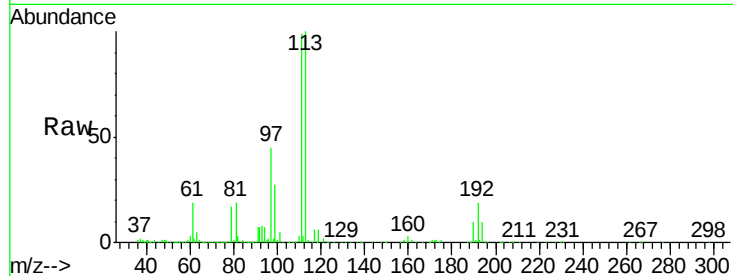
#35
 Dibromofluoromethane
 Concen: 52.866 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	21.1	18.5	27.7

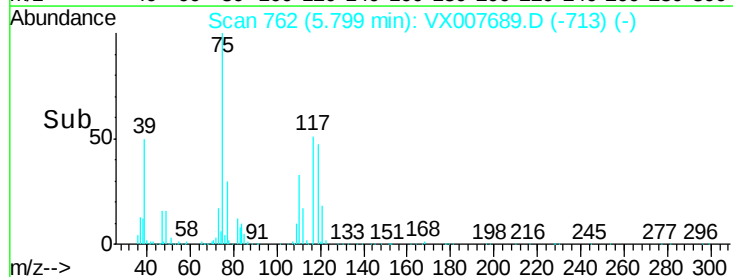
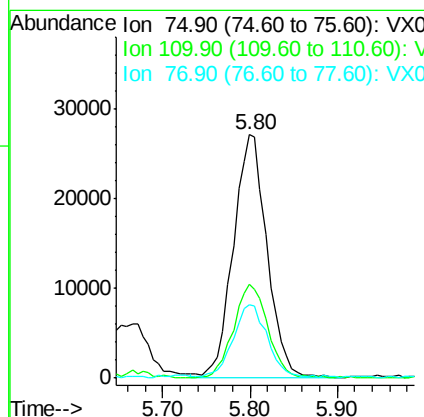
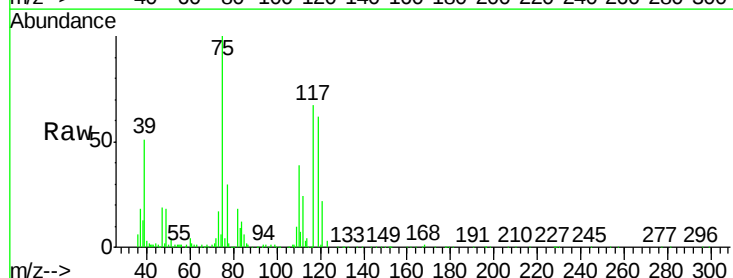
Manual Integrations
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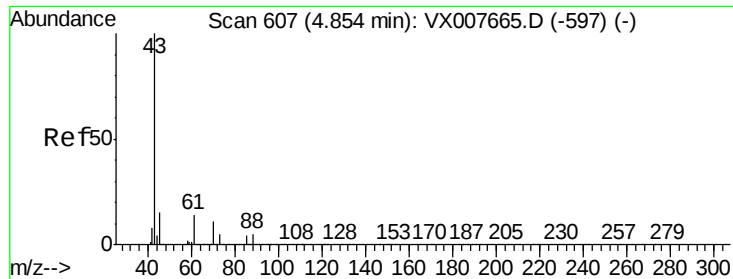
MMDadoda
 2/26/2019 3:05:05 PM



#36
 1,1-Dichloropropene
 Concen: 17.284 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	20.0	59.9
77	30.0	24.7	37.1





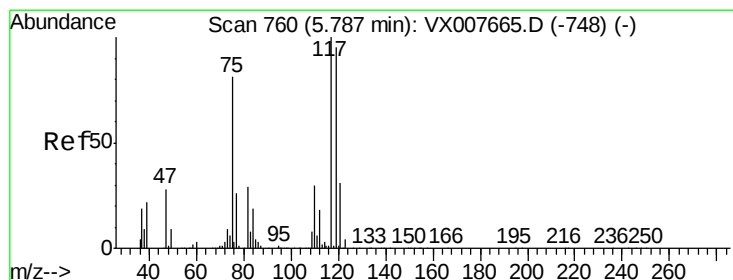
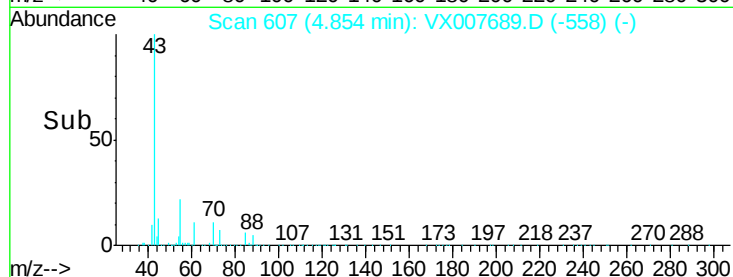
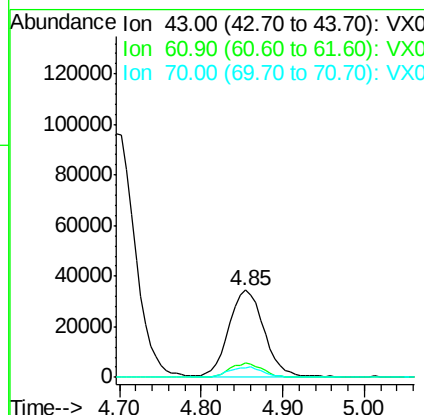
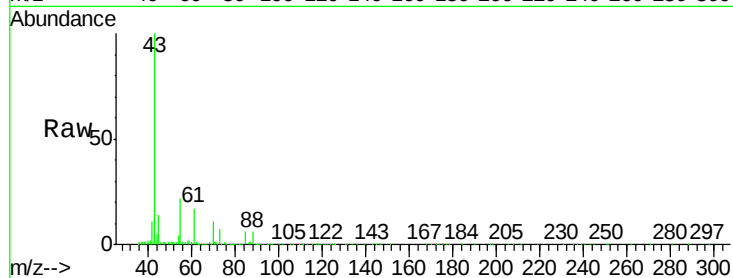
#37
Ethyl Acetate
Concen: 22.001 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.3	16.9
70	11.3	8.6	13.0

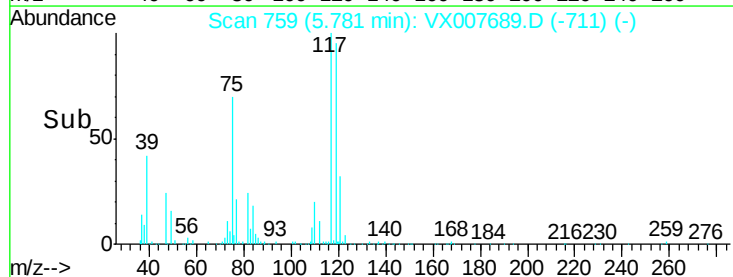
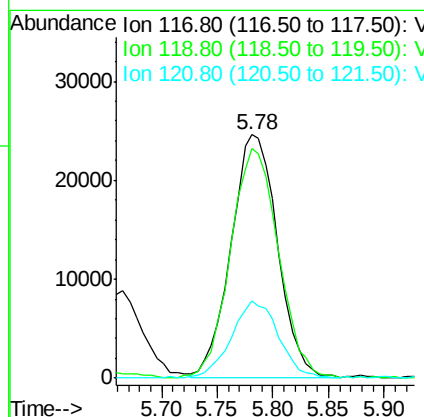
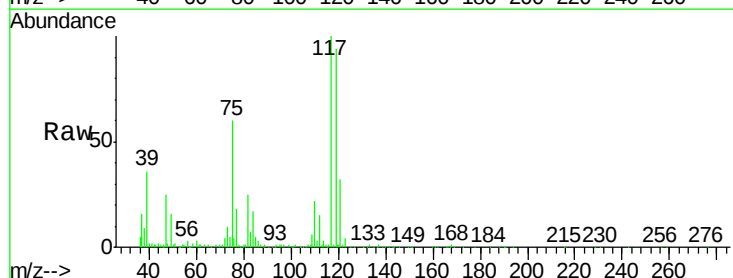
Manual Integrations
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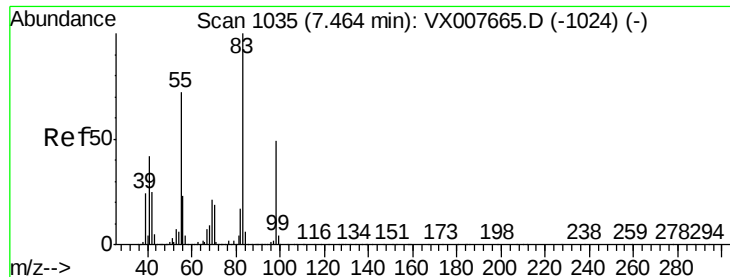
MMDadoda
2/26/2019 3:05:05 PM



#38
Carbon Tetrachloride
Concen: 16.819 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.3	112.9
121	31.8	25.0	37.4





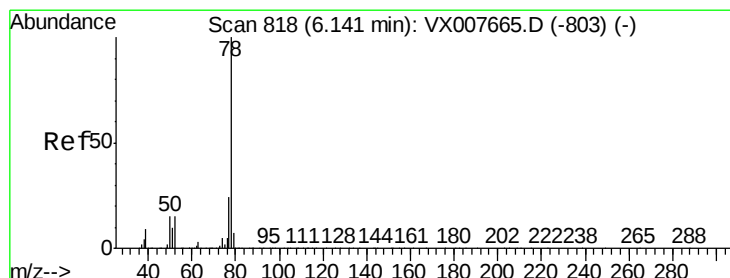
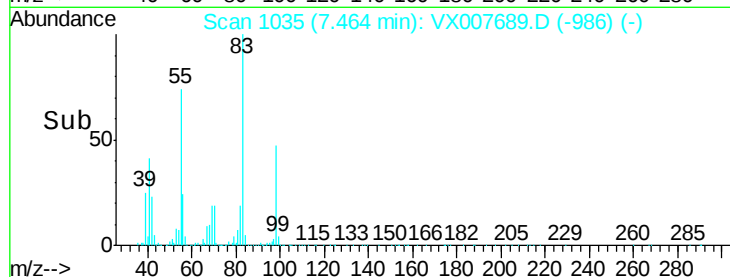
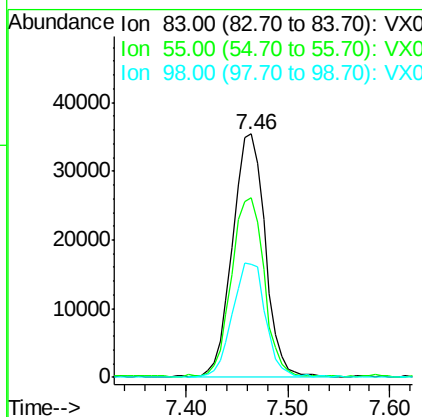
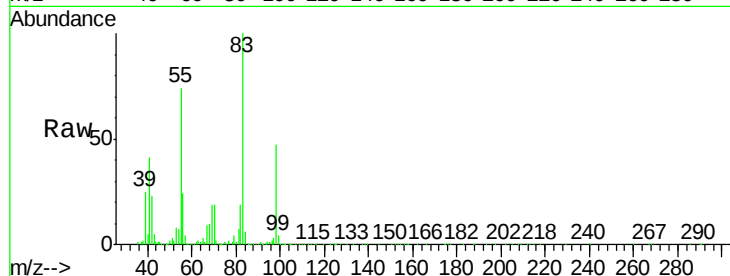
#39
Methvlcvclohexane
Concen: 14.874 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	56.2	84.2
98	46.8	36.8	55.2

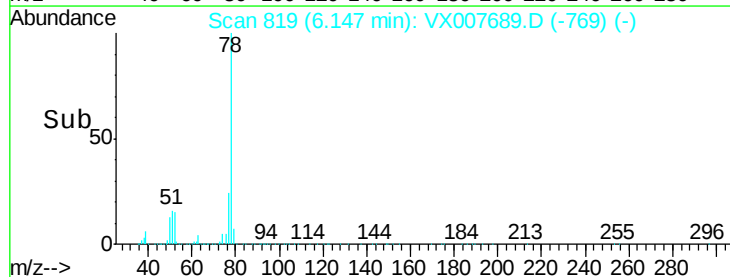
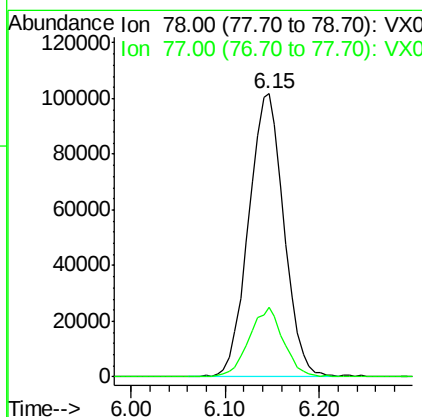
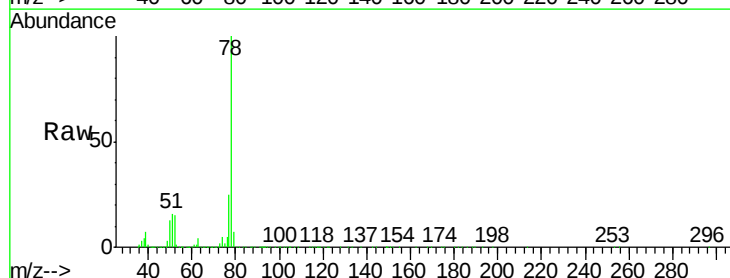
Manual Integrations
APPROVED

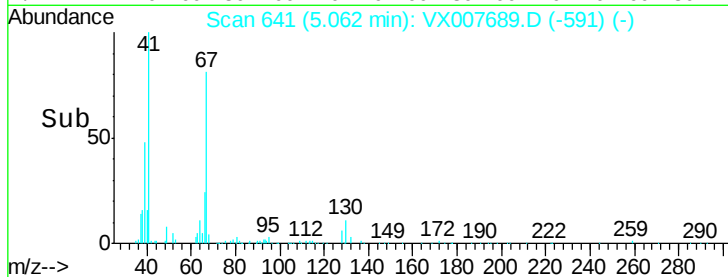
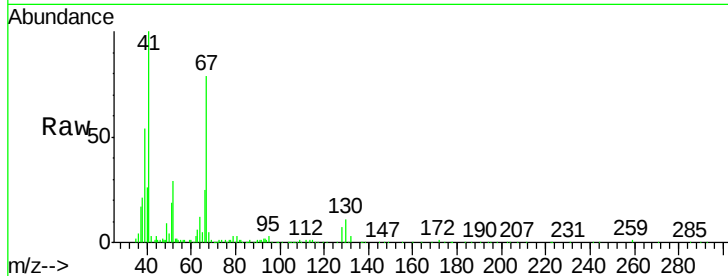
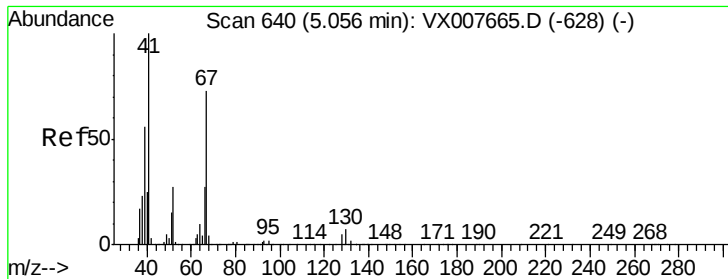
MMDadoda
2/26/2019 3:05:05 PM



#40
Benzene
Concen: 20.692 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

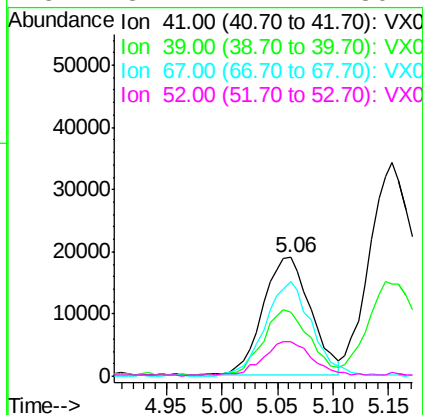
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





#41
Methacrylonitrile
Concen: 22.831 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

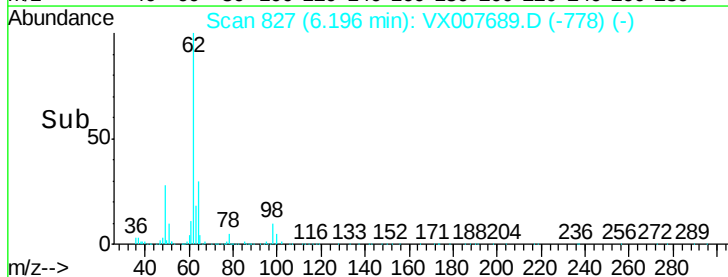
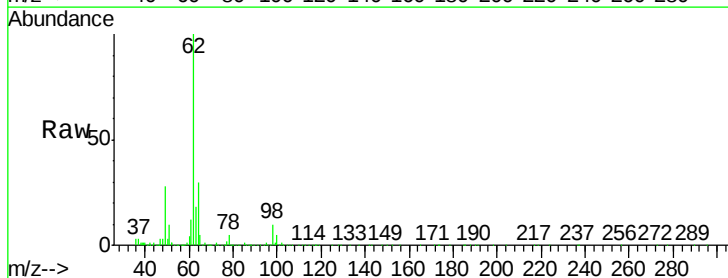
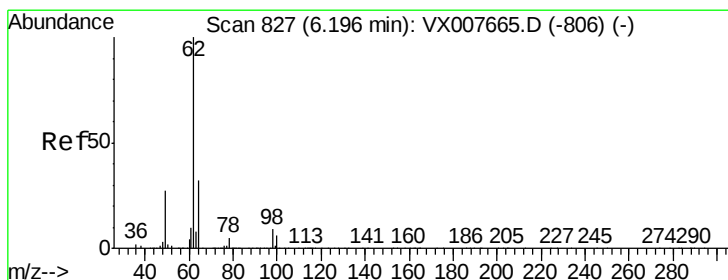
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		56687		
39	54.7	44.5	66.7		
67	79.0	60.4	90.6		
52	32.2	24.1	36.1		



Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

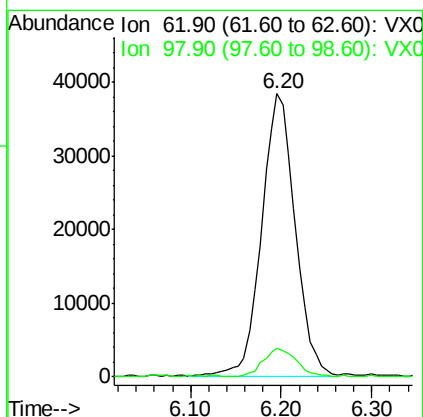
Manual Integrations
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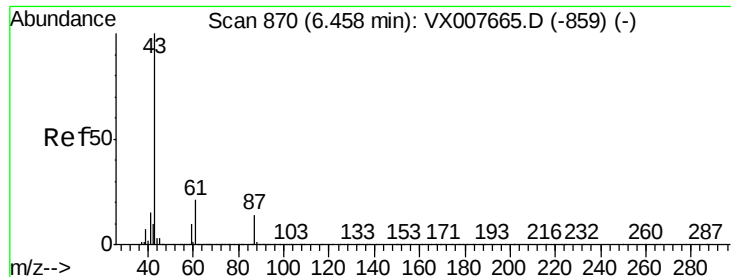
MMDadoda
2/26/2019 3:05:05 PM



#42
1,2-Dichloroethane
Concen: 22.763 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		98859		
98	10.1	0.0	19.0		





#43

Isopropyl Acetate

Concen: 21.985 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

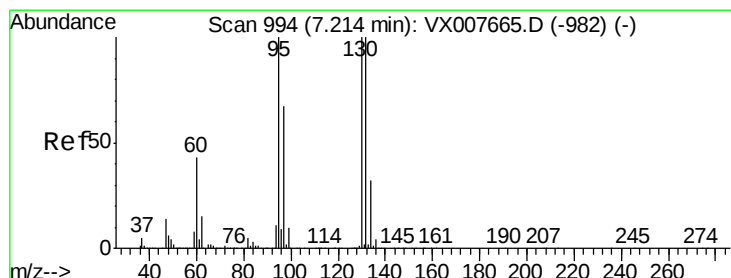
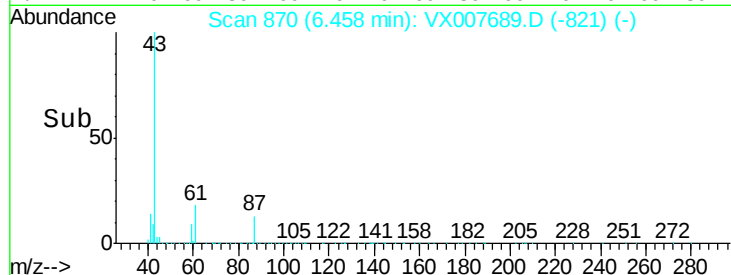
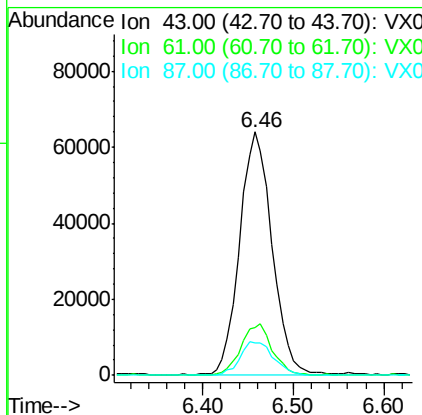
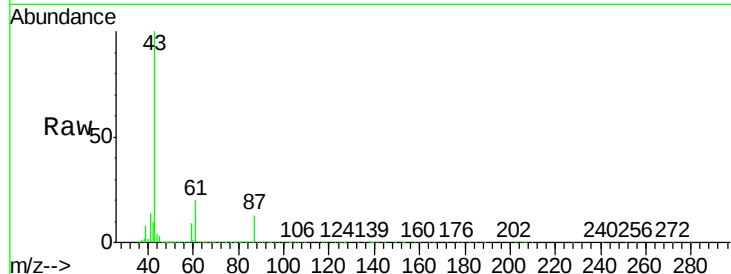
ClientSampleId :

VX0225WBS02

Tot Ion:	43	Resp:	157329
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.6	11.5	17.3

Manual Integrations
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#44

Trichloroethene

Concen: 19.436 ug/l

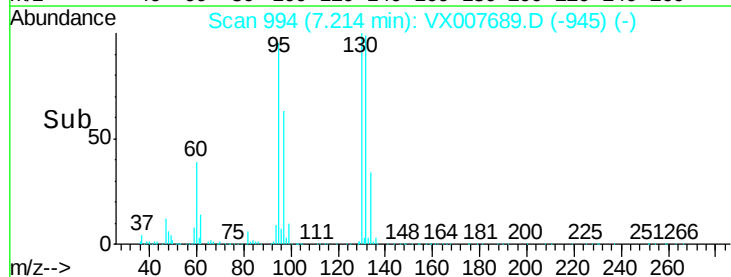
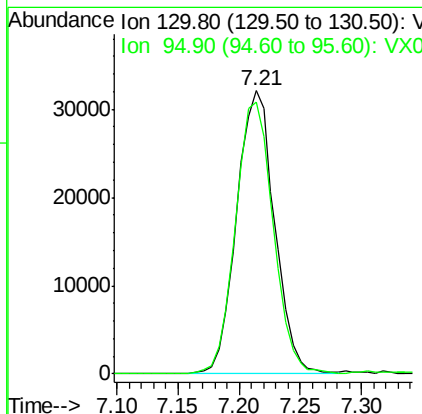
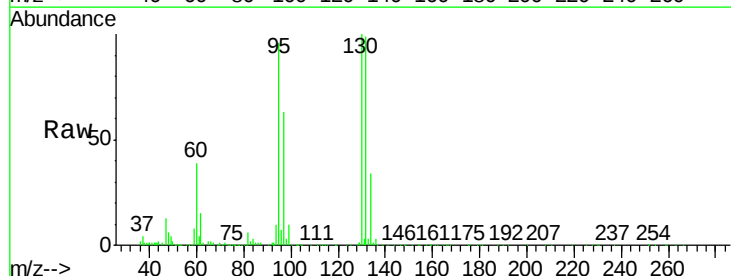
RT: 7.21 min Scan# 994

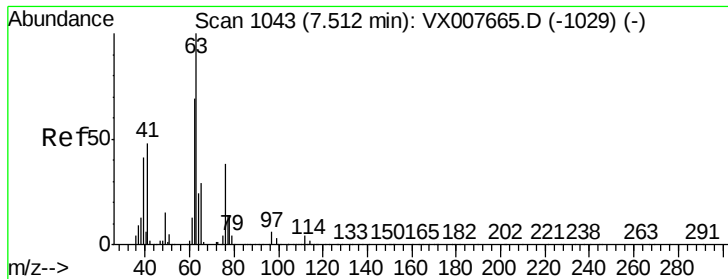
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	130	Resp:	69085
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	180.0





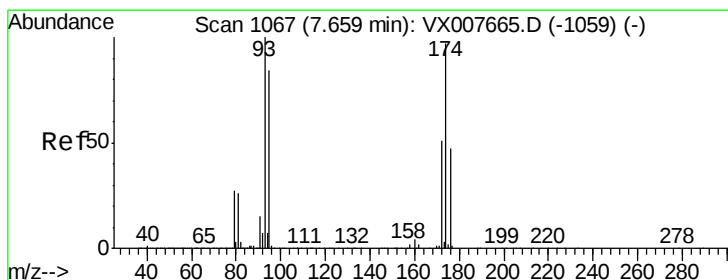
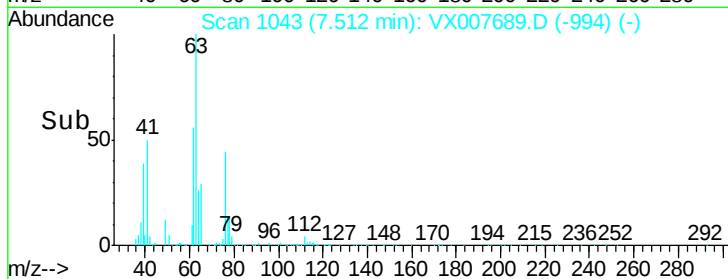
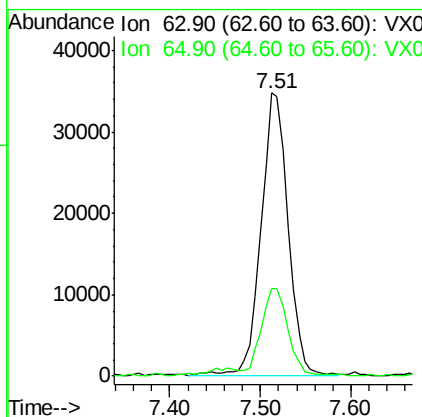
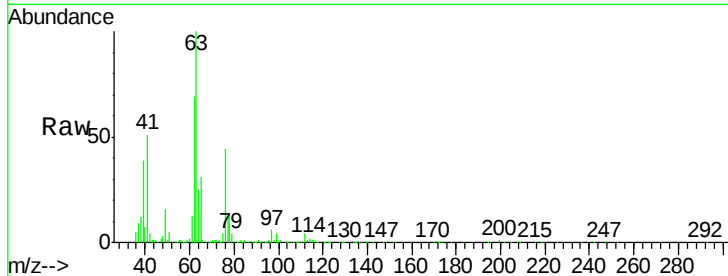
#45
 1,2-Dichloropropane
 Concen: 21.549 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.2

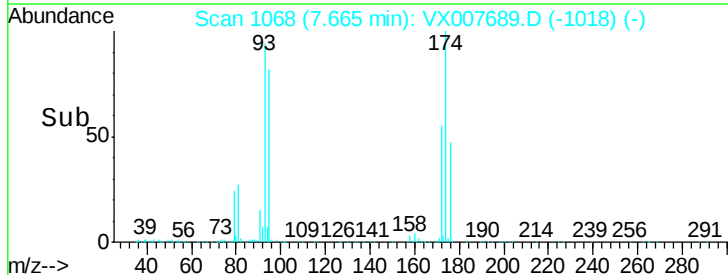
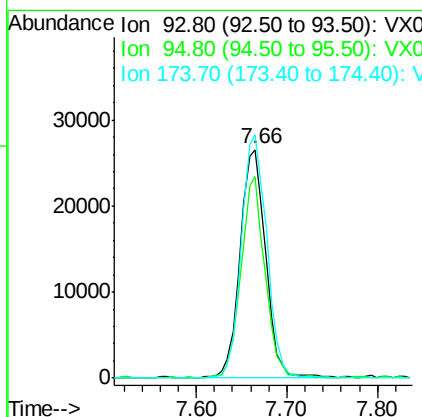
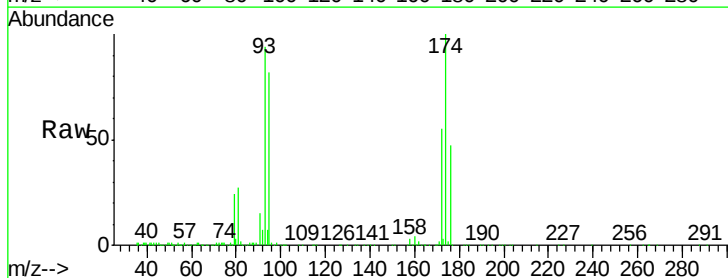
Manual Integrations
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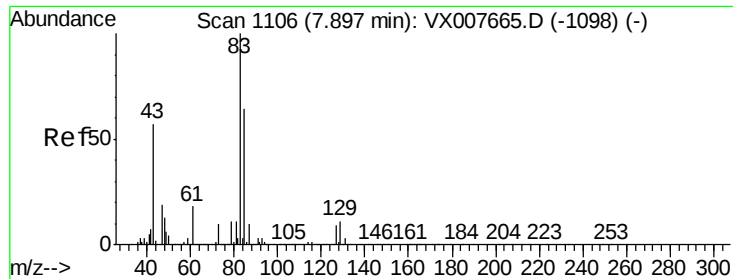
MMDadoda
 2/26/2019 3:05:05 PM



#46
 Dibromomethane
 Concen: 22.359 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.6	101.4
174	105.3	94.2	141.4





#47

Bromodichloromethane

Concen: 21.384 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

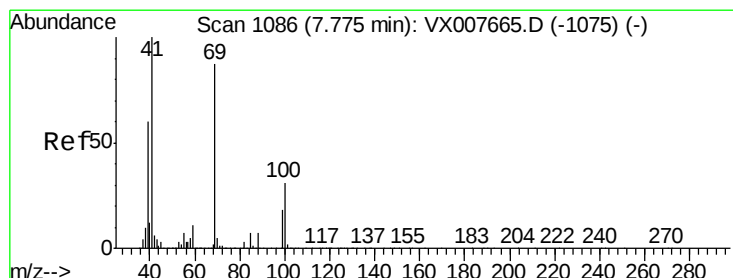
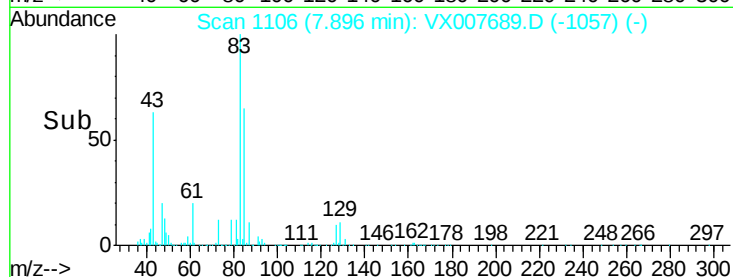
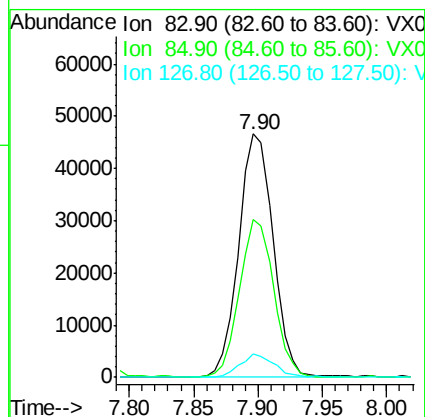
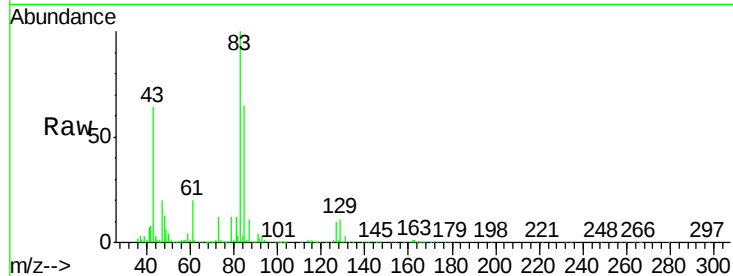
ClientSampleId :

VX0225WBS02

Tot Ion:	83	Resp:	86532
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.4	77.0
127	9.7	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.049 ug/l

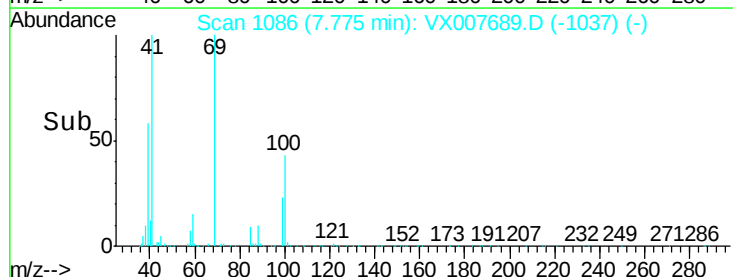
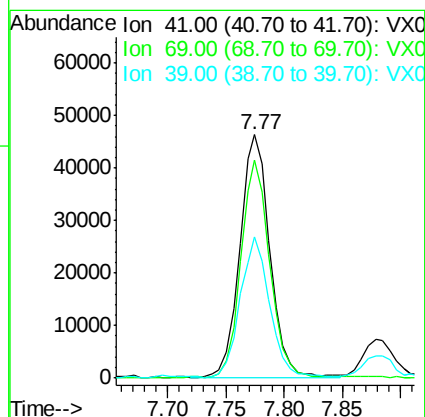
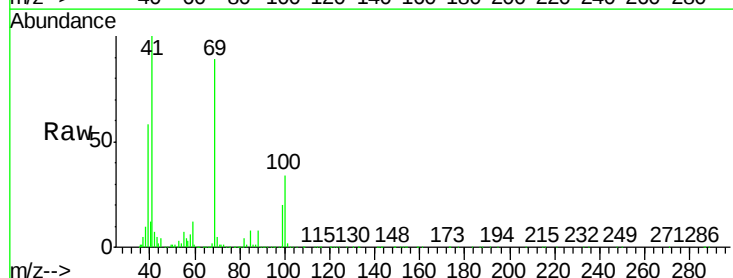
RT: 7.77 min Scan# 1086

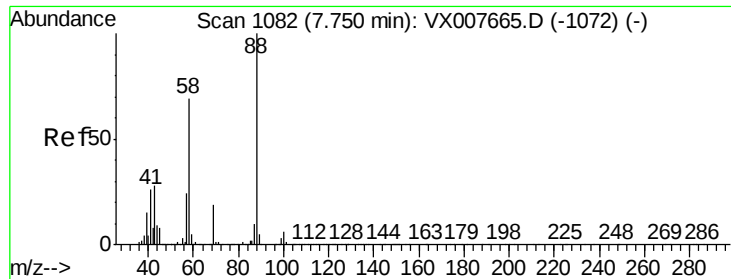
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	41	Resp:	82708
Ion Ratio	Lower	Upper	
41	100		
69	87.7	70.2	105.4
39	56.8	47.4	71.0





#49

1,4-Dioxane

Concen: 449.902 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

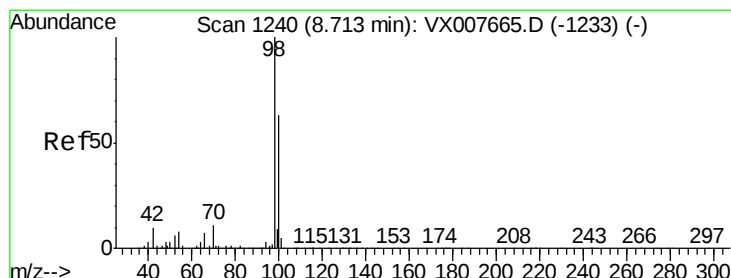
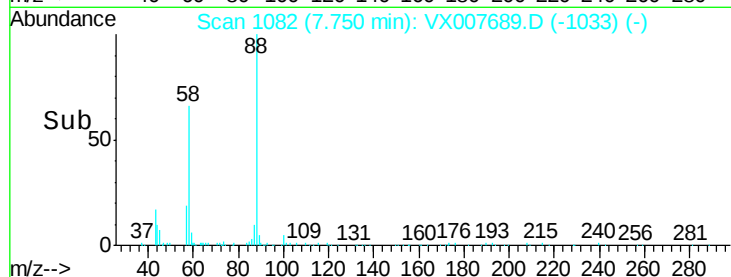
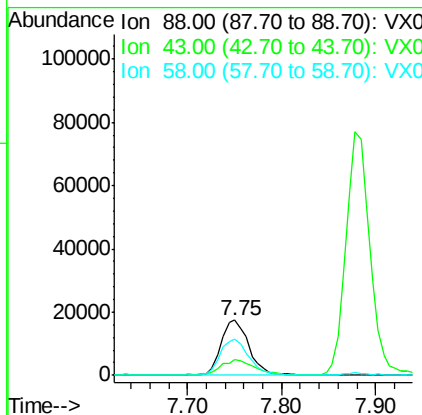
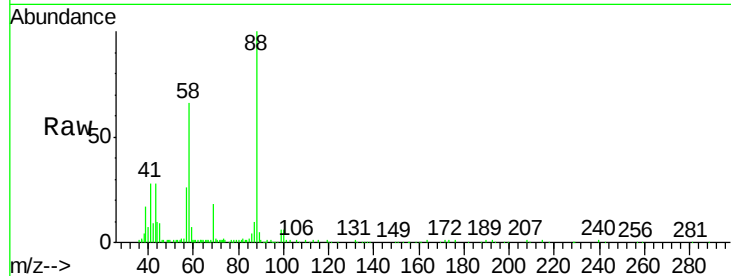
ClientSampleId :

VX0225WBS02

Tot Ion:	88	Resp:	36450
Ion Ratio	Lower	Upper	
88	100		
43	30.2	24.2	36.4
58	66.4	53.0	79.4

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#50

Toluene-d8

Concen: 48.523 ug/l

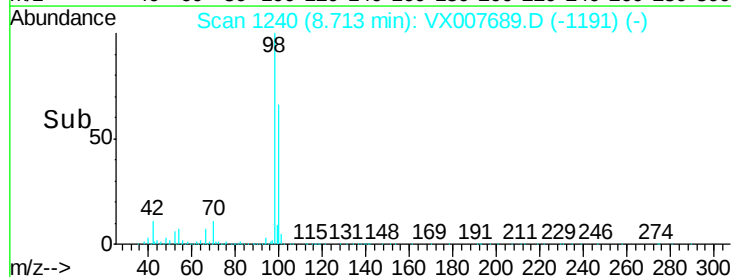
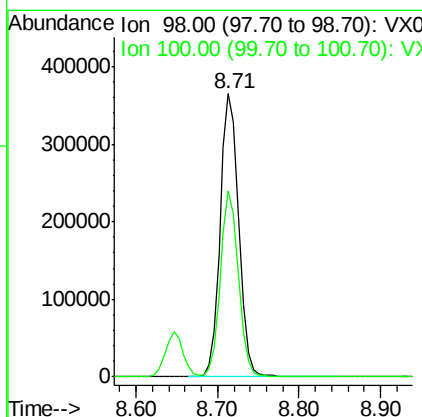
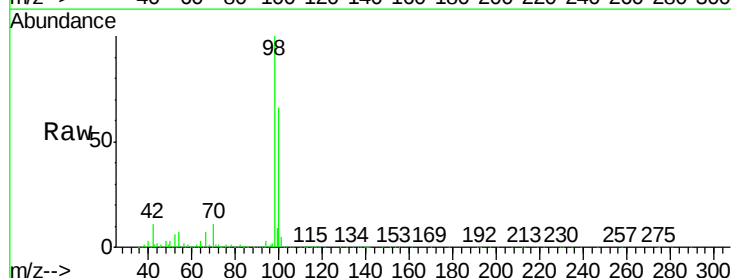
RT: 8.71 min Scan# 1240

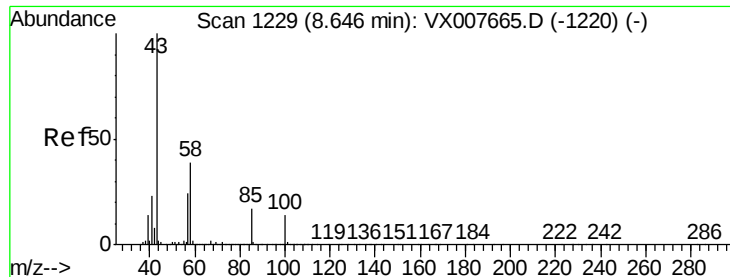
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	98	Resp:	578143
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 113.731 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 43 Resp: 544789

Ion Ratio Lower Upper

43 100

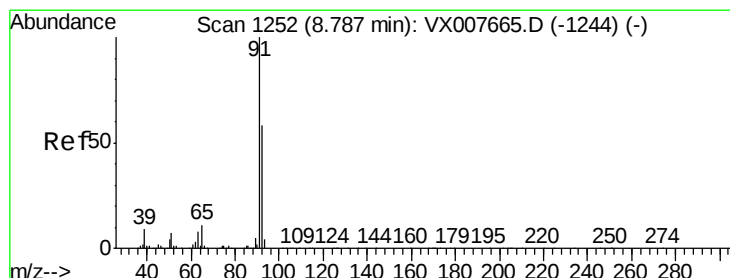
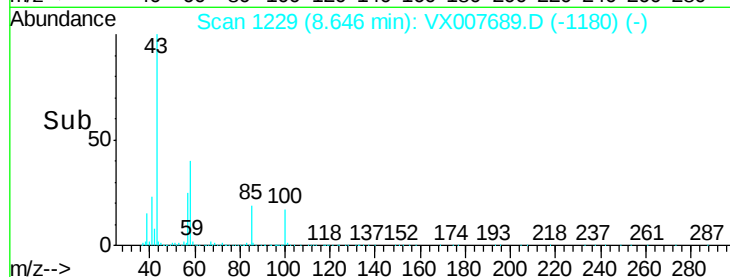
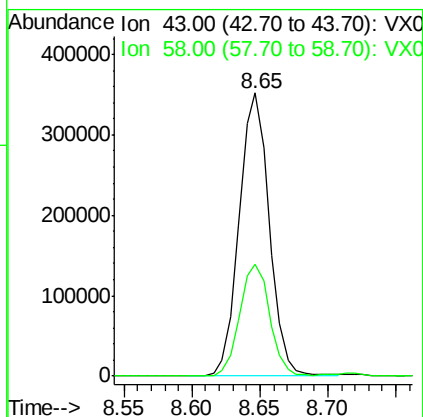
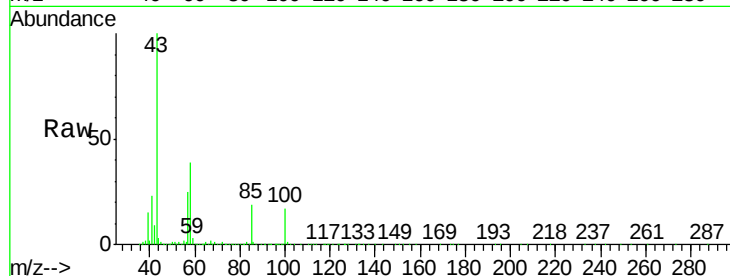
58 39.4 31.2 46.8

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#52

Toluene

Concen: 20.461 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007689.D

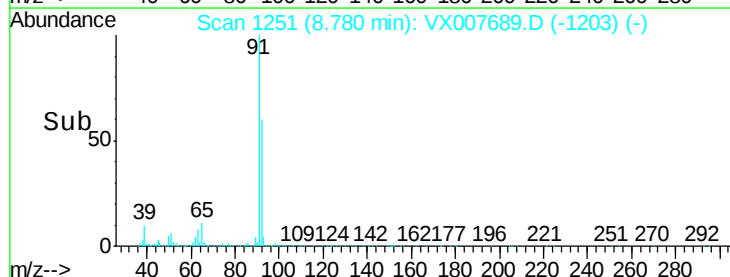
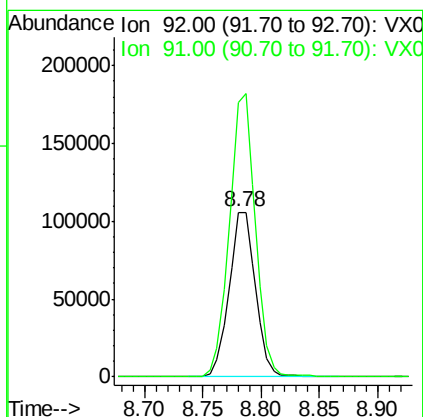
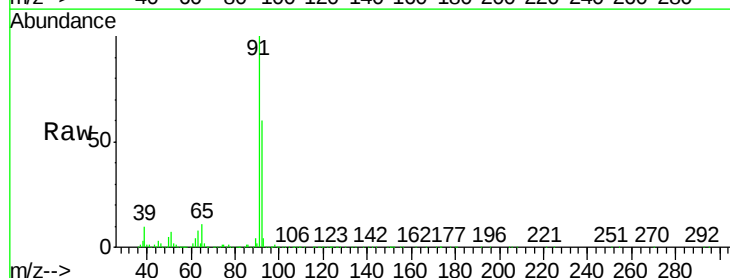
Acq: 26 Feb 2019 02:28

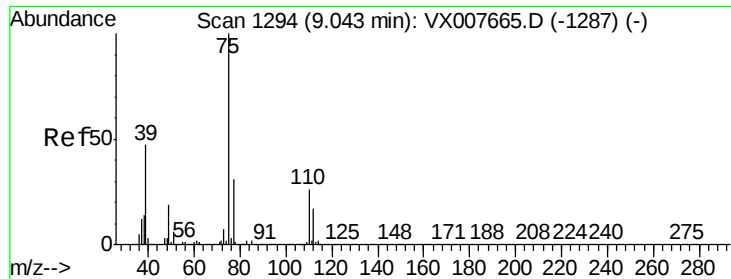
Tgt Ion: 92 Resp: 166714

Ion Ratio Lower Upper

92 100

91 170.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.681 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 75 Resp: 89951

Ion Ratio Lower Upper

75 100

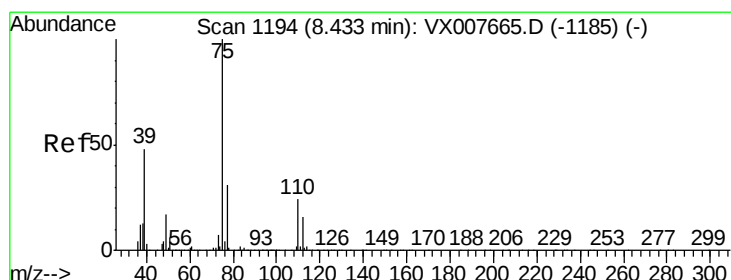
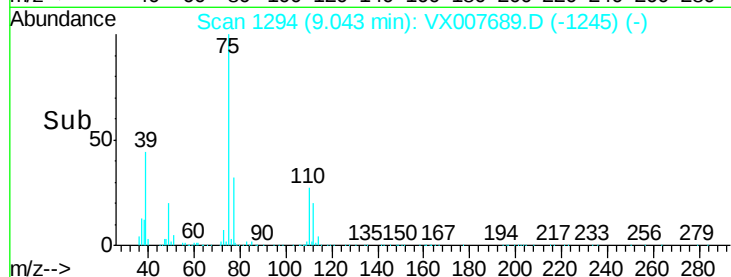
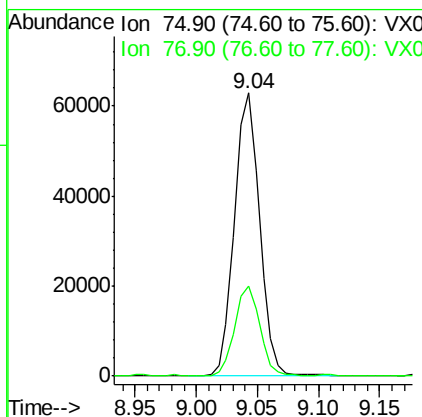
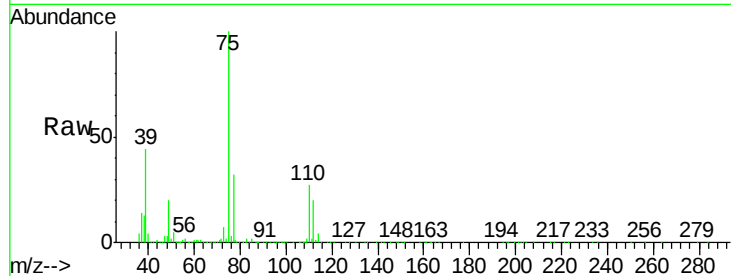
77 31.6 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.675 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

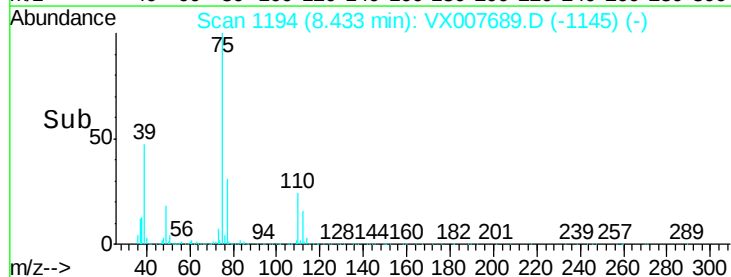
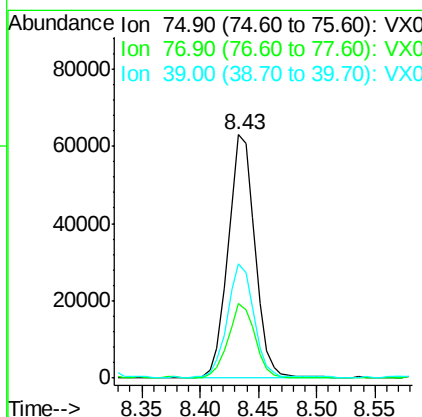
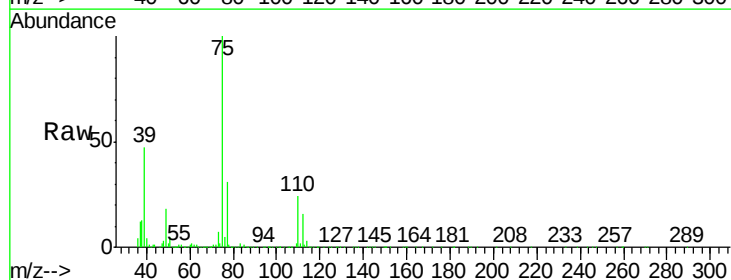
Tgt Ion: 75 Resp: 101529

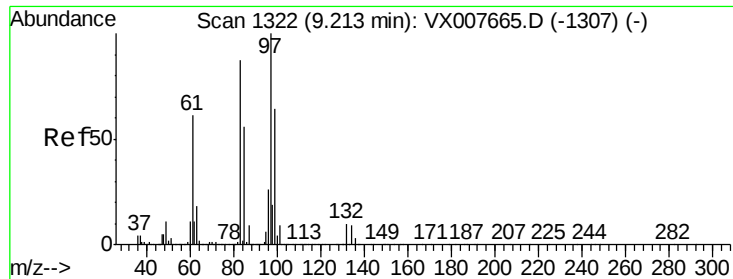
Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.4

39 46.7 37.1 55.7





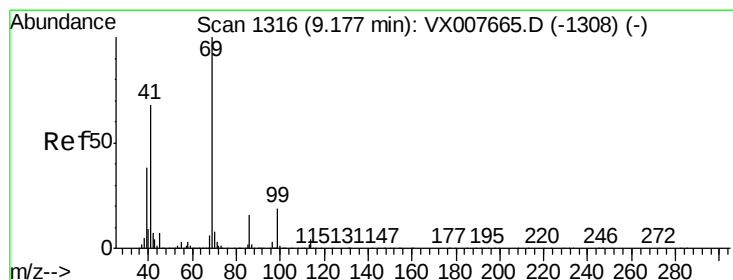
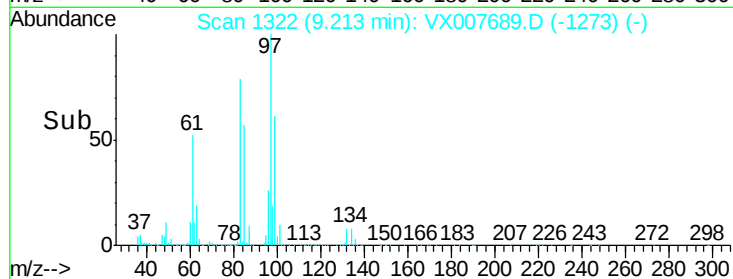
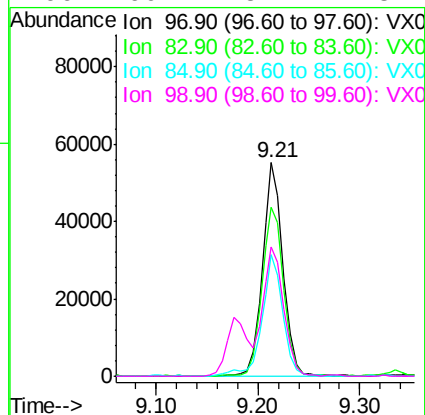
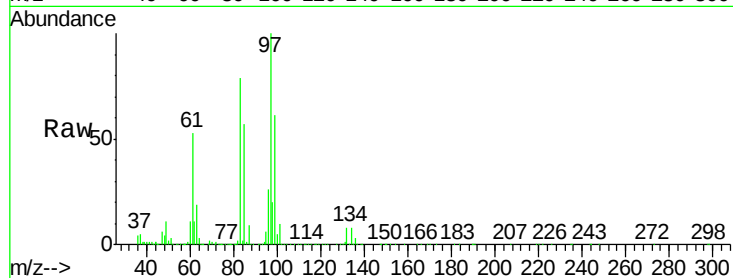
#55
 1,1,2-Trichloroethane
 Concen: 22.769 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion:	97	Resp:	77362
Ion	Ratio	Lower	Upper
97	100		
83	78.6	68.6	102.8
85	57.1	44.5	66.7
99	60.7	52.2	78.4

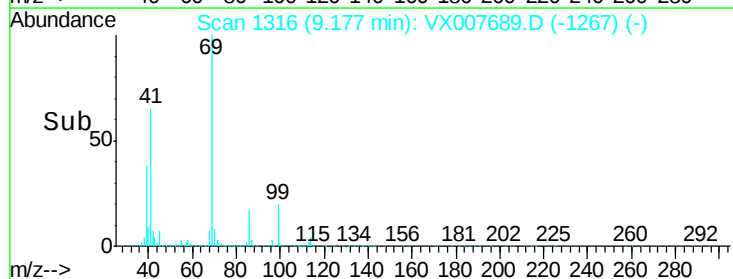
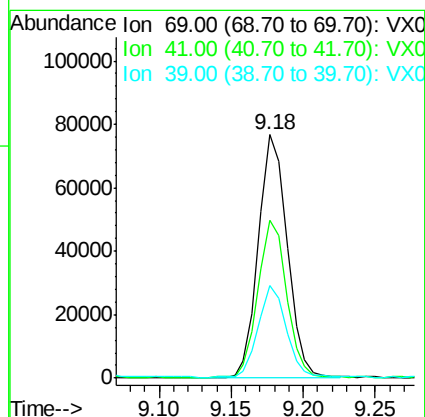
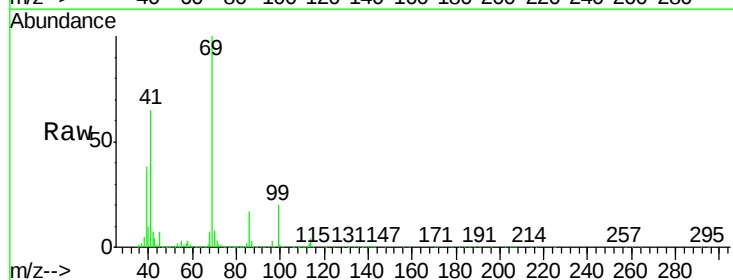
Manual Integrations
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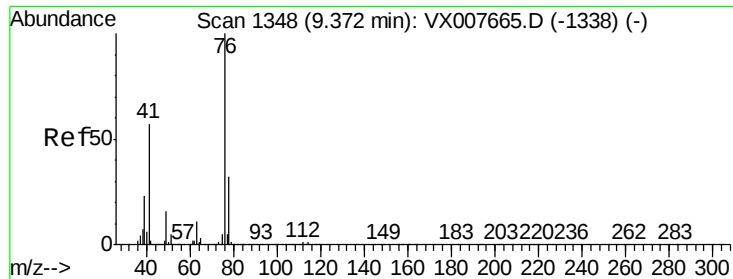
MMDadoda
 2/26/2019 3:05:05 PM



#56
 Ethyl methacrylate
 Concen: 21.864 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion:	69	Resp:	105641
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.1	78.1
39	38.8	30.1	45.1





#57

1,3-Dichloropropane

Concen: 22.573 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 76 Resp: 122774

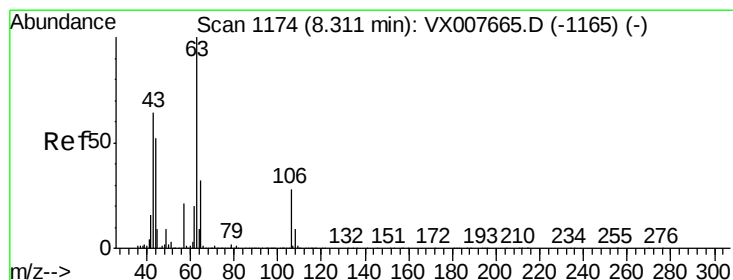
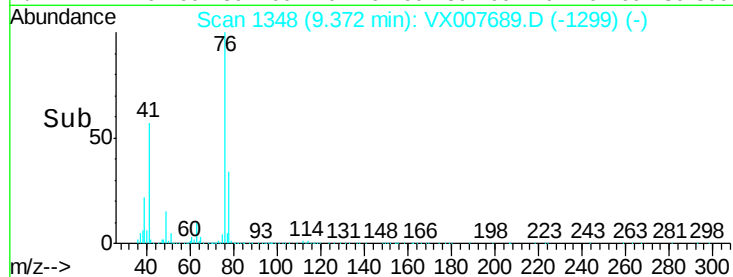
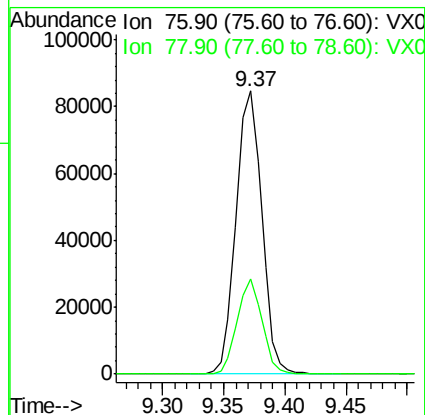
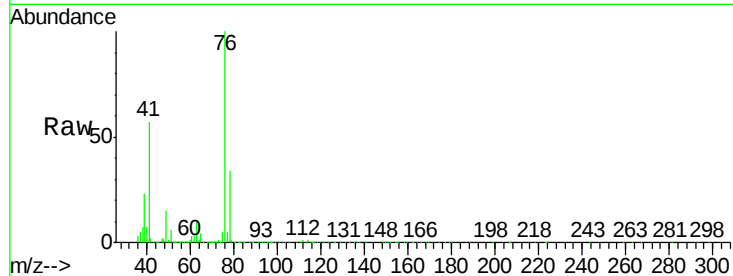
Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 109.886 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007689.D

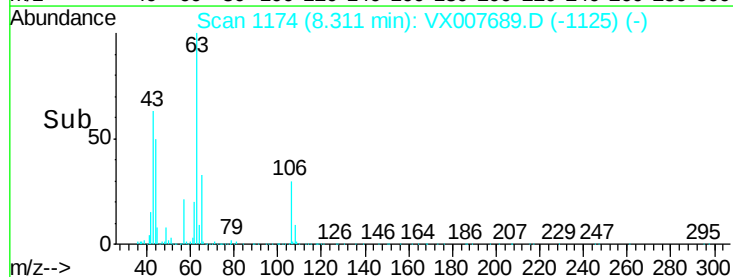
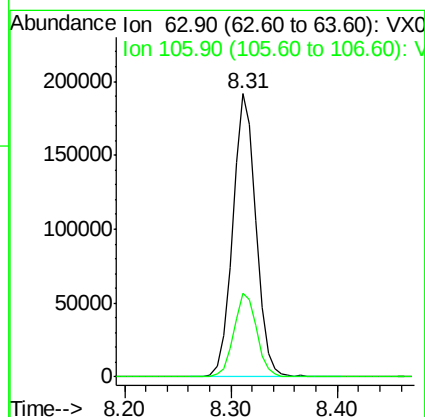
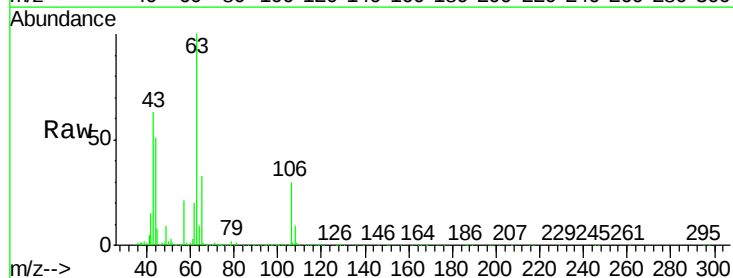
Acq: 26 Feb 2019 02:28

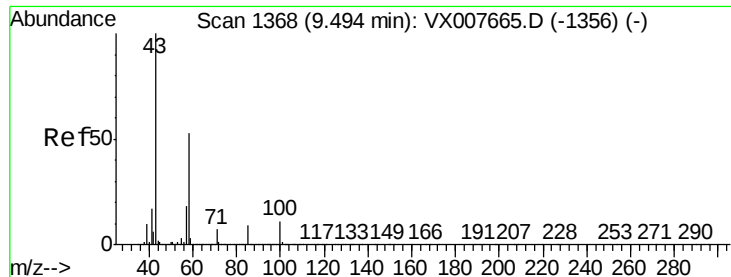
Tgt Ion: 63 Resp: 292790

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4





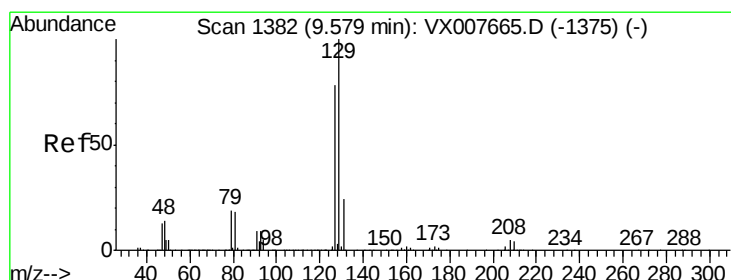
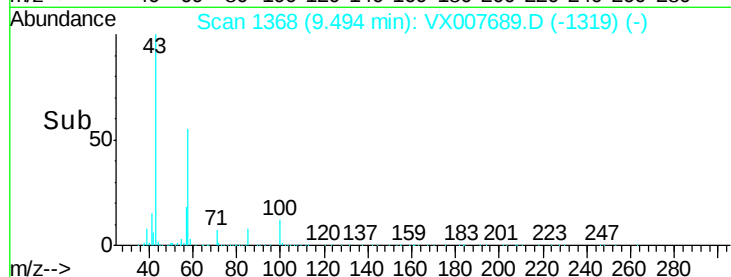
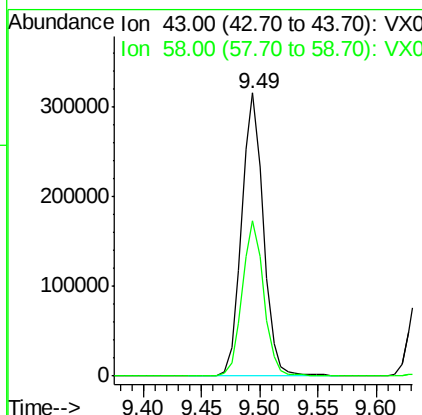
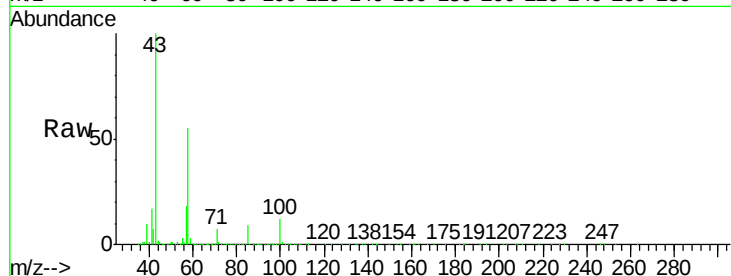
#59
2-Hexanone
Concen: 109.419 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion: 43 Resp: 411492
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3

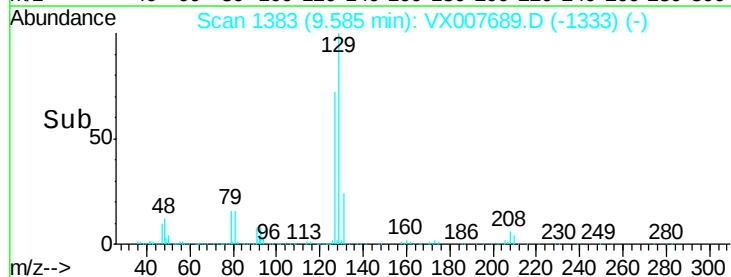
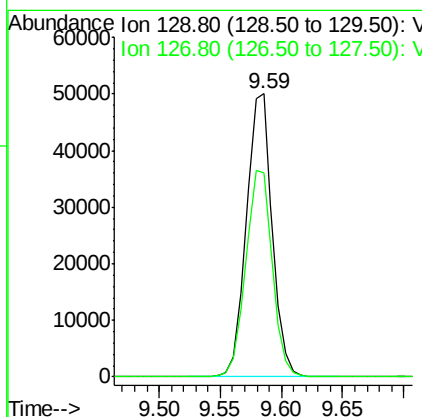
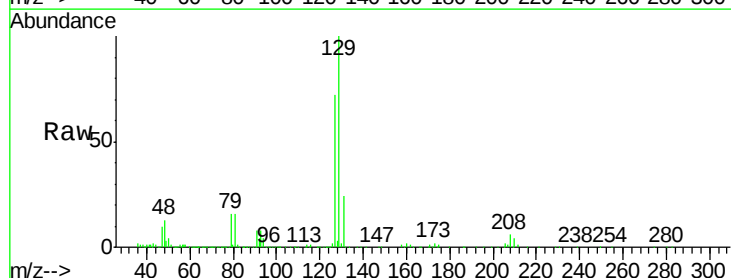
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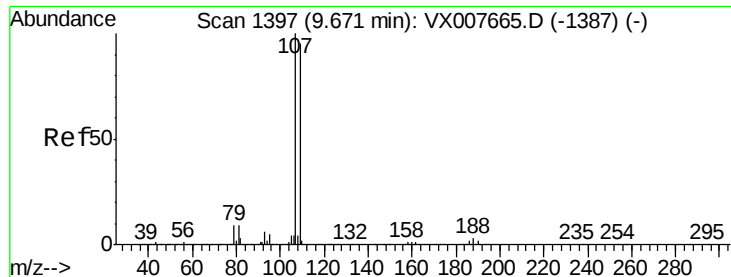
MMDadoda
2/26/2019 3:05:05 PM



#60
Dibromochloromethane
Concen: 22.523 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion:129 Resp: 73636
Ion Ratio Lower Upper
129 100
127 75.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 23.007 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 107 Resp: 81160

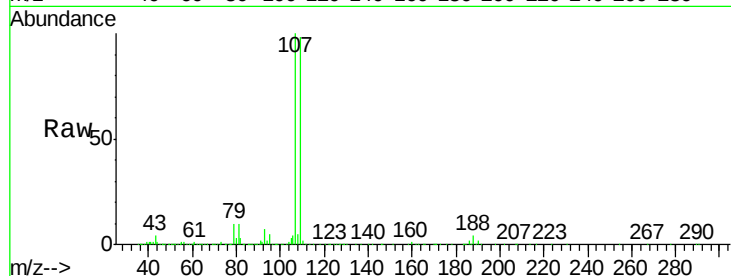
Ion Ratio Lower Upper

107 100

109 93.3 75.1 112.7

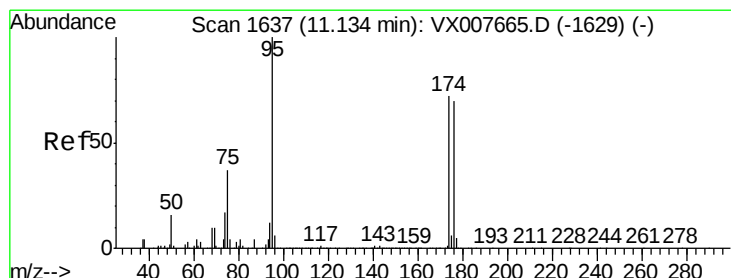
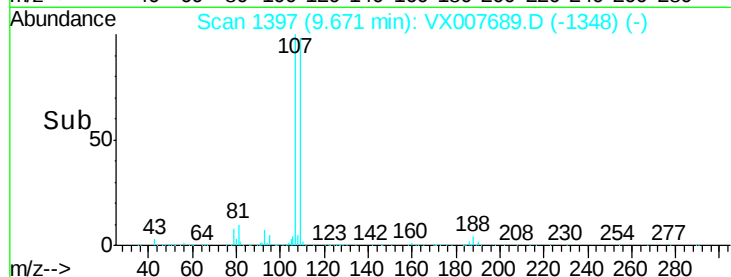
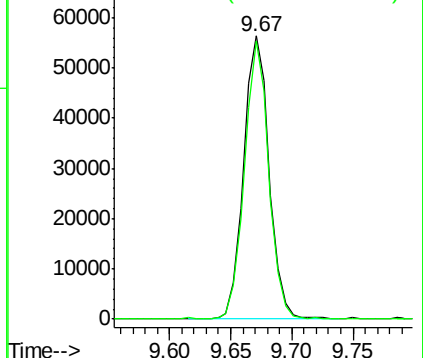
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.899 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

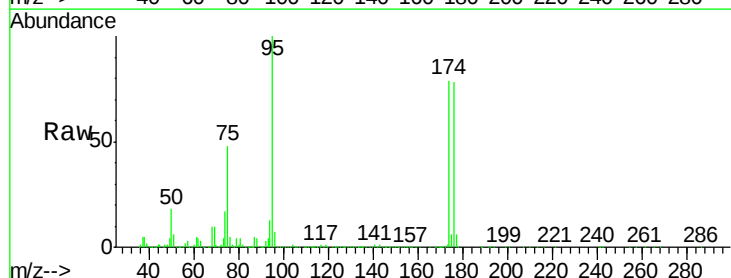
Tgt Ion: 95 Resp: 205100

Ion Ratio Lower Upper

95 100

174 86.3 0.0 189.2

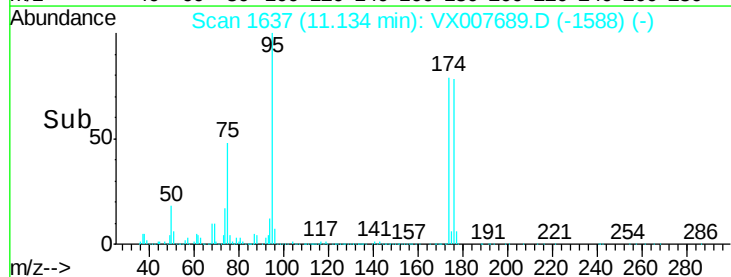
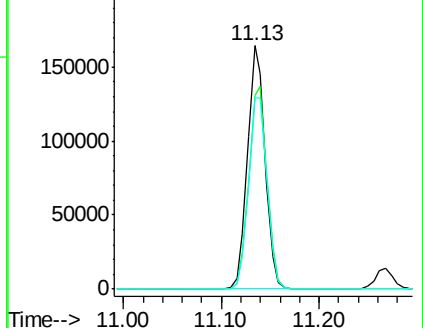
176 82.7 0.0 186.2

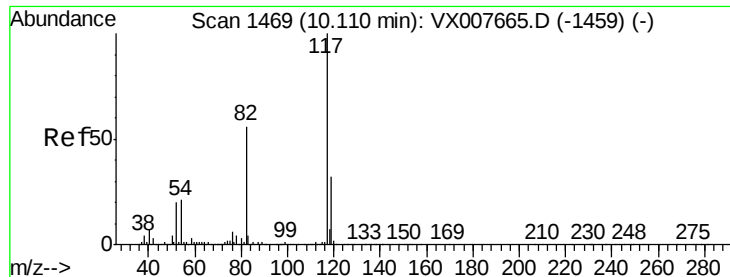


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





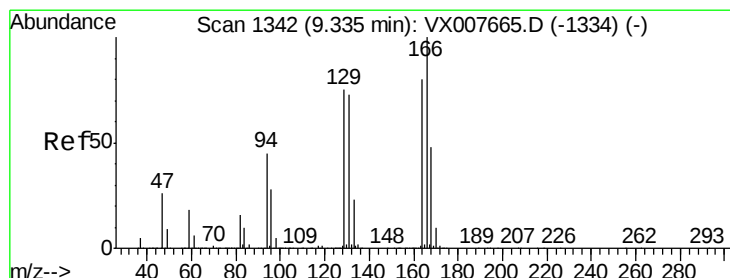
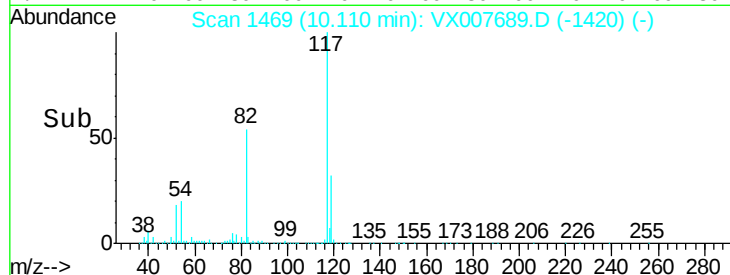
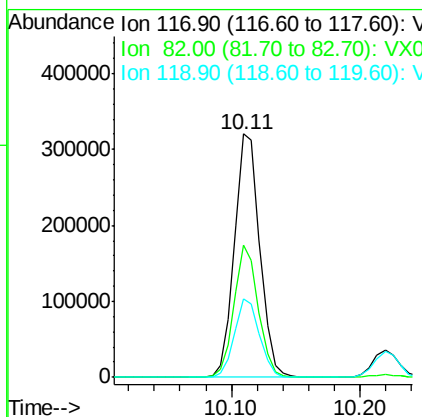
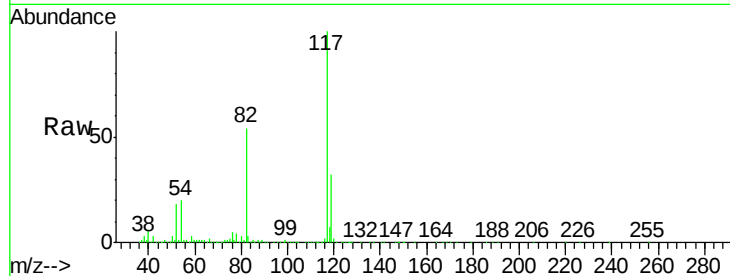
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.1	63.1
119	32.0	26.5	39.7

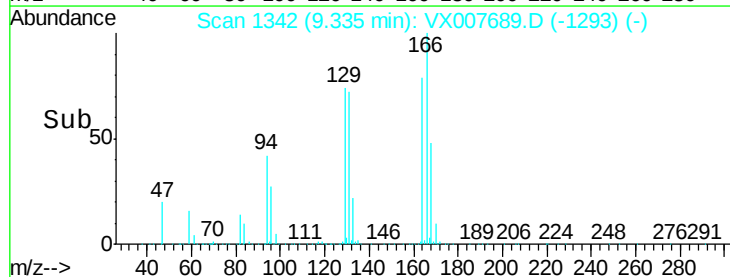
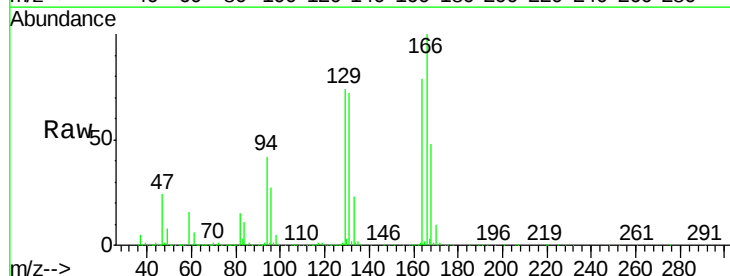
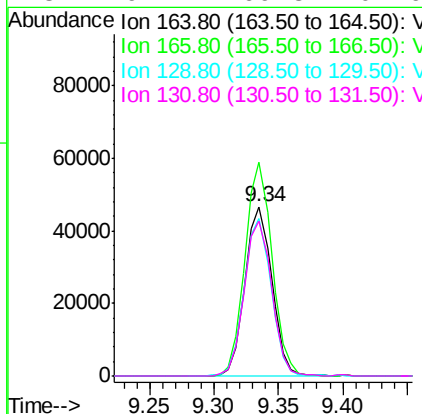
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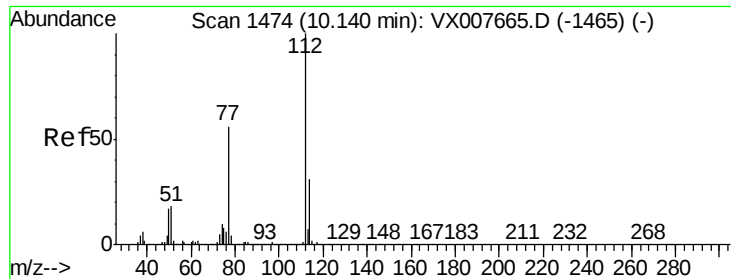
MMDadoda
2/26/2019 3:05:05 PM



#64
Tetrachloroethene
Concen: 18.839 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.0	151.4
129	92.7	70.5	105.7
131	91.1	69.8	104.6





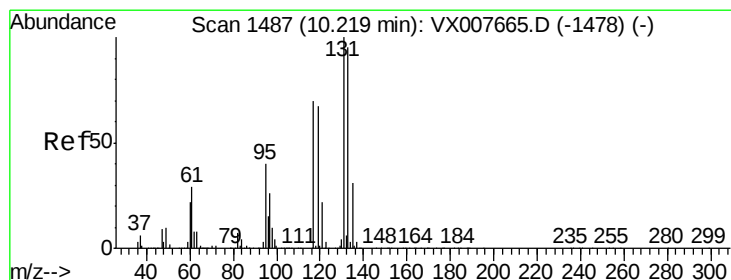
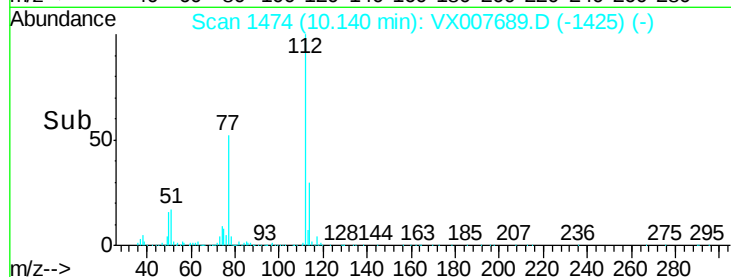
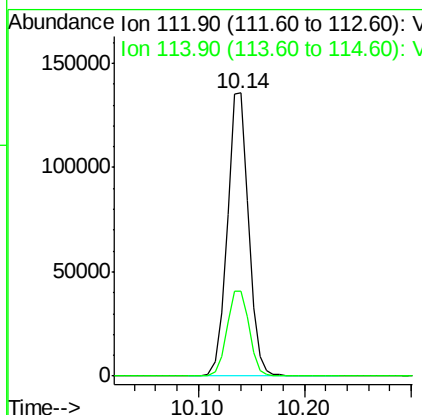
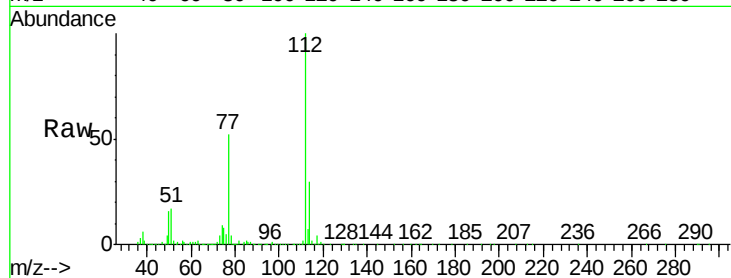
#65
Chlorobenzene
Concen: 19.965 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.8	38.6

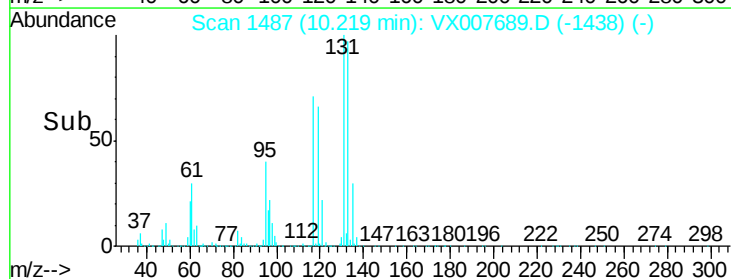
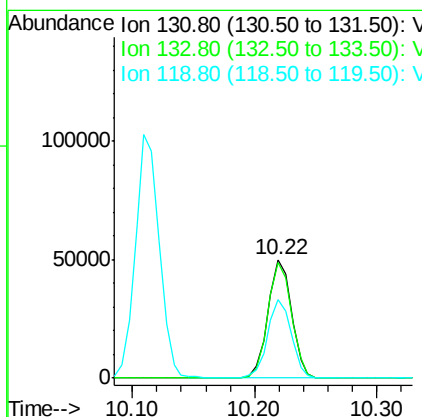
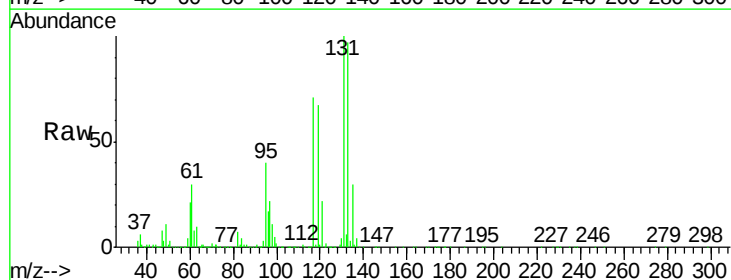
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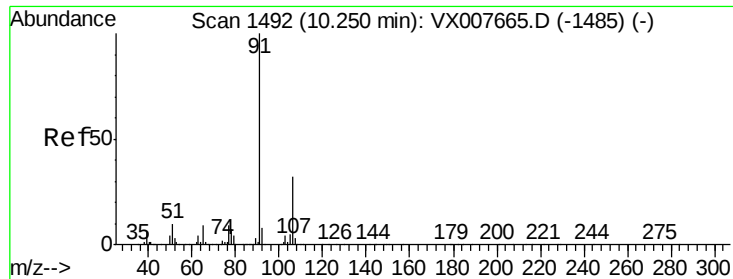
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.317 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.0	144.2
119	66.6	32.0	96.0





#67

Ethyl Benzene

Concen: 18.659 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 91 Resp: 295022

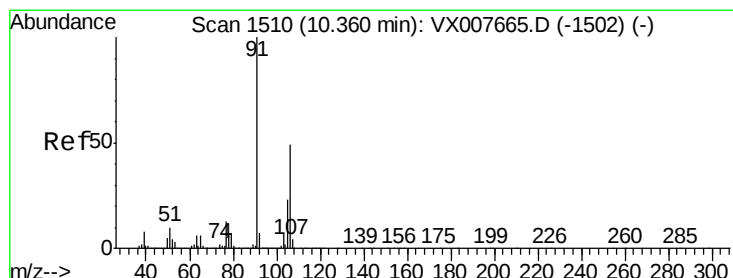
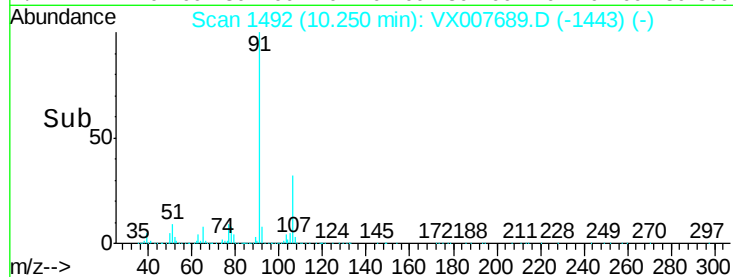
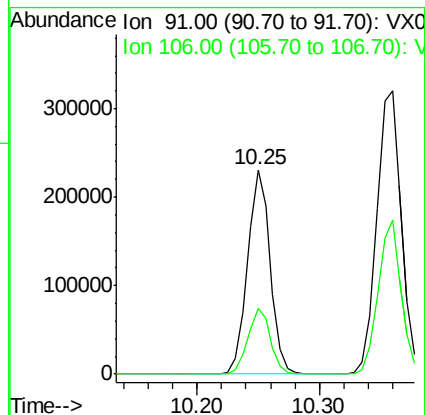
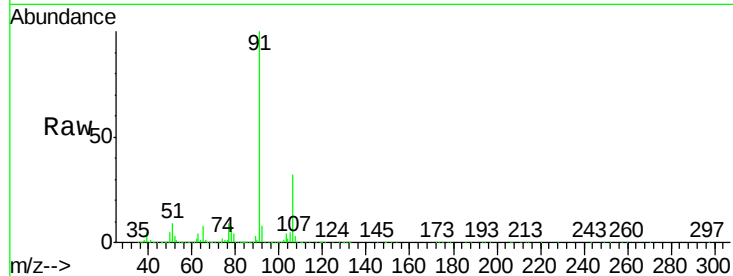
Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.070 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007689.D

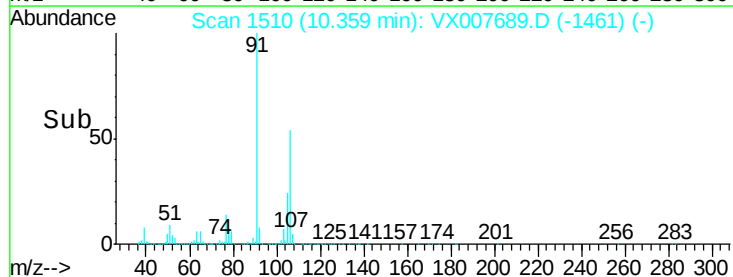
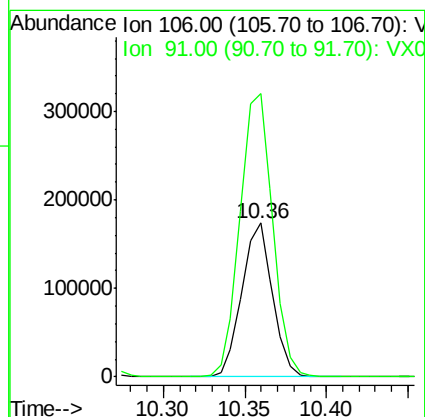
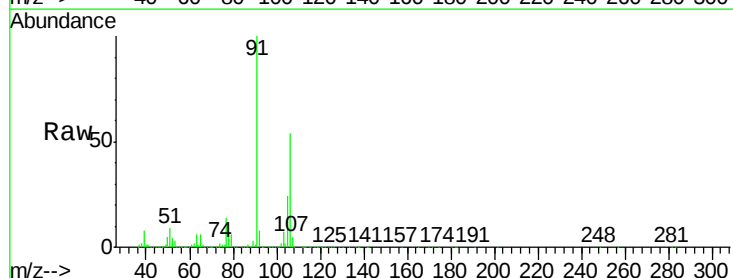
Acq: 26 Feb 2019 02:28

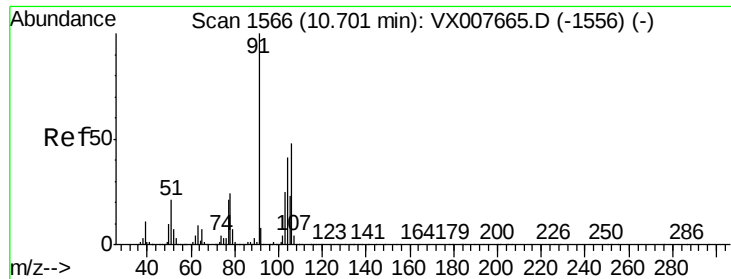
Tgt Ion: 106 Resp: 228020

Ion Ratio Lower Upper

106 100

91 195.6 156.6 234.8





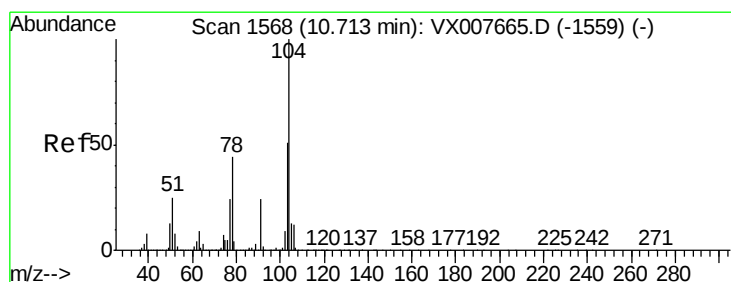
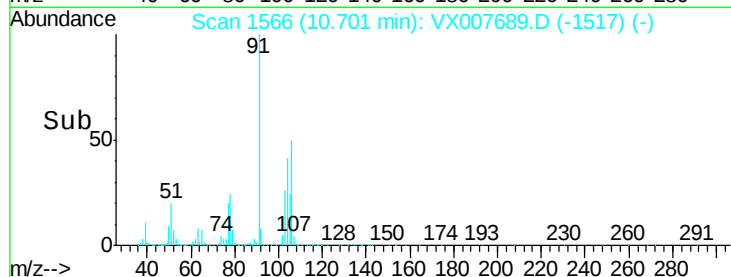
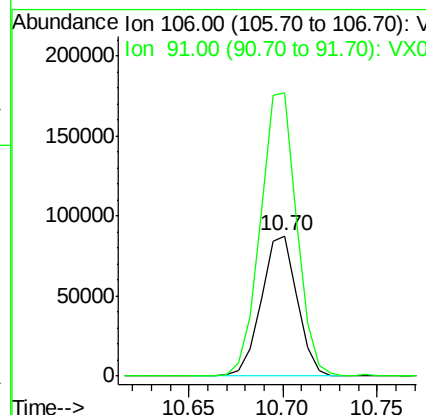
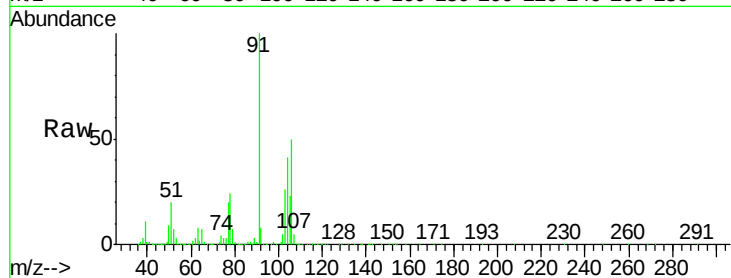
#69
o-Xylene
Concen: 19.542 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.7	102.9	308.7

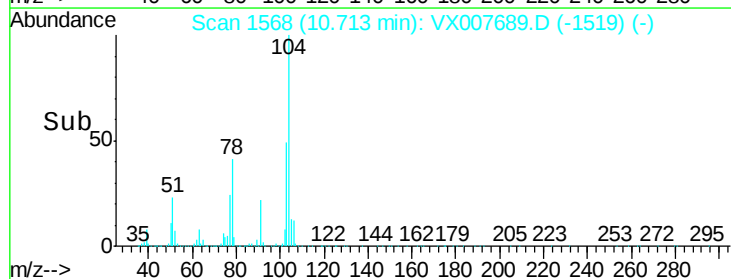
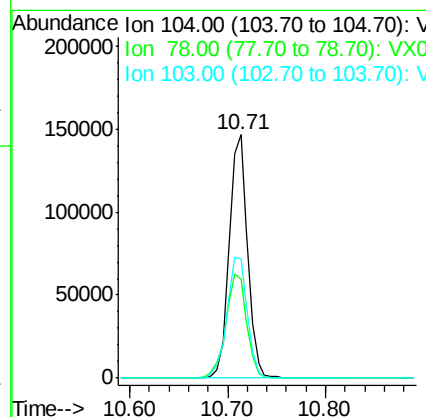
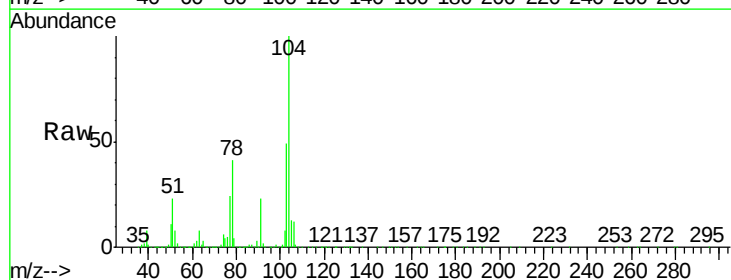
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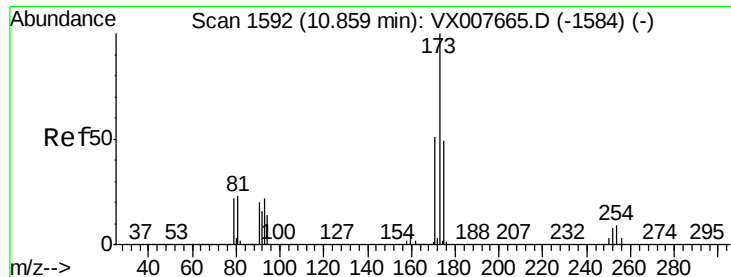
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#70
Styrene
Concen: 19.627 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.3	57.5
103	55.1	44.6	67.0





#71

Bromoform

Concen: 19.953 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

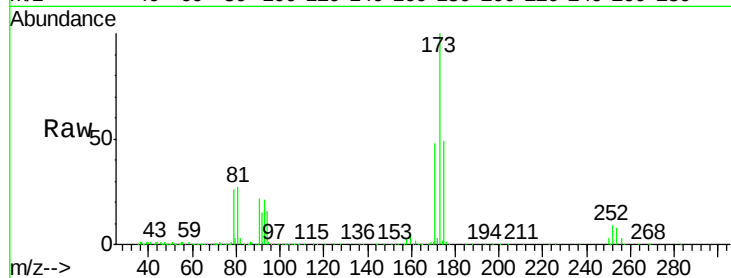
ClientSampleId :

VX0225WBS02

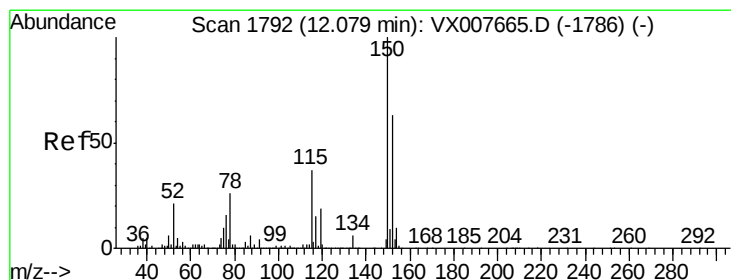
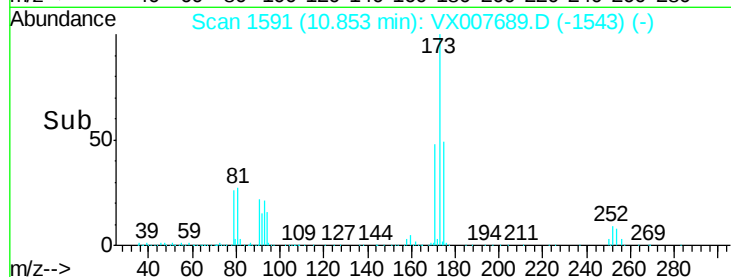
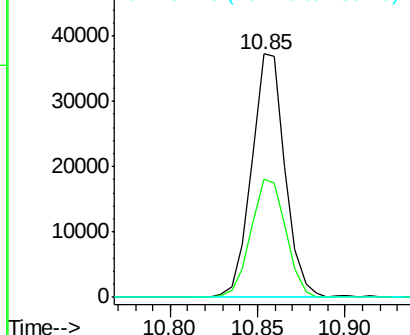
Tot Ion:	173	Resp:	49815
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.2	72.6
254	0.0	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

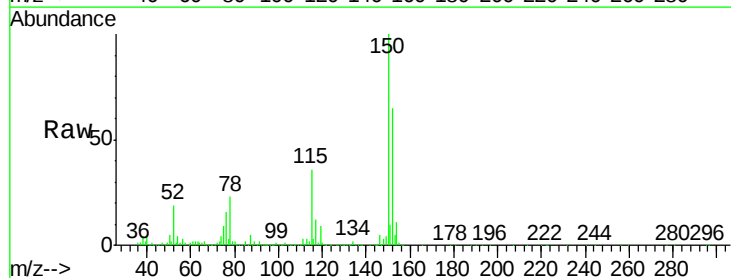
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

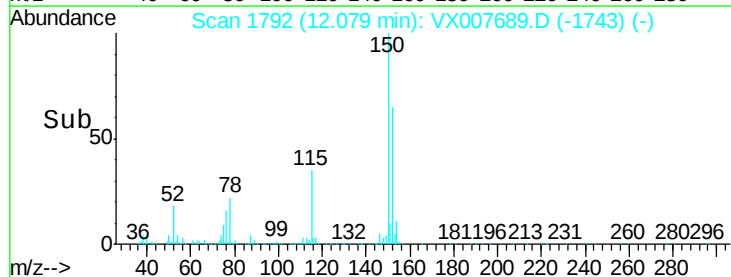
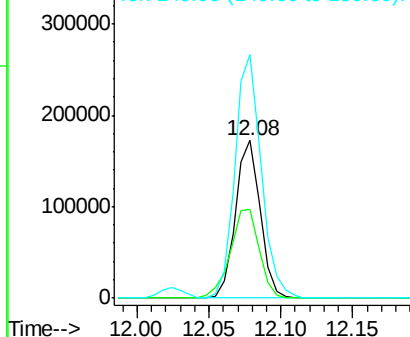
Lab File: VX007689.D

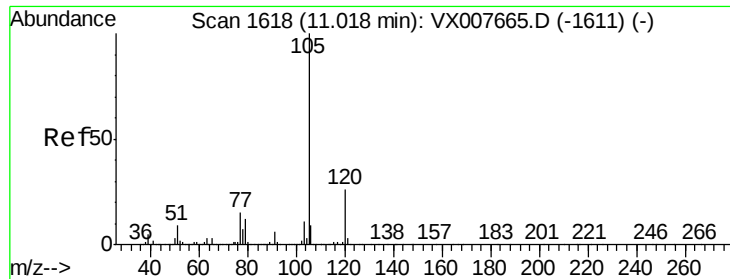
Acq: 26 Feb 2019 02:28

Tgt Ion:	152	Resp:	206909
Ion Ratio	Lower	Upper	
152	100		
115	66.2	38.0	114.0
150	164.7	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.855 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 105 Resp: 278830

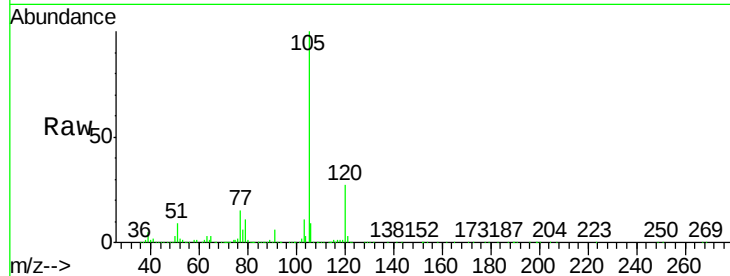
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7

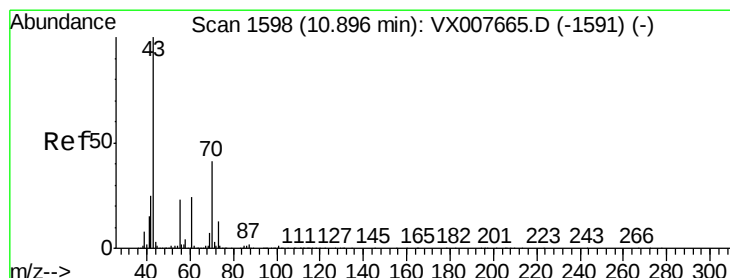
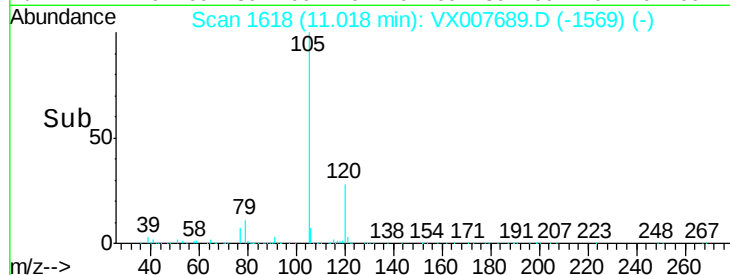
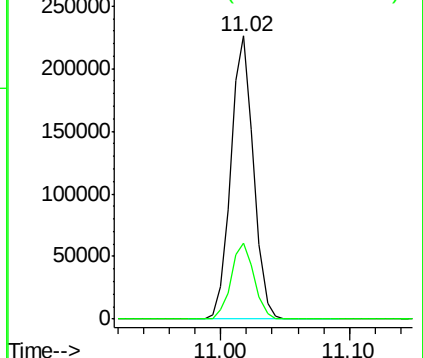
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.743 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion: 43 Resp: 139628

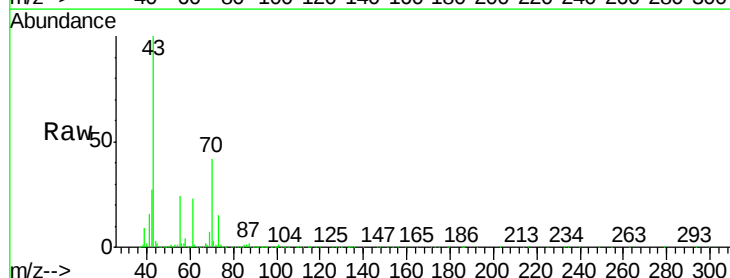
Ion Ratio Lower Upper

43 100

70 43.0 33.8 50.6

55 25.7 19.5 29.3

61 24.0 19.4 29.2

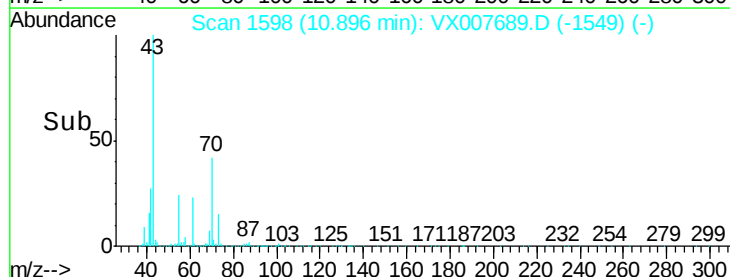
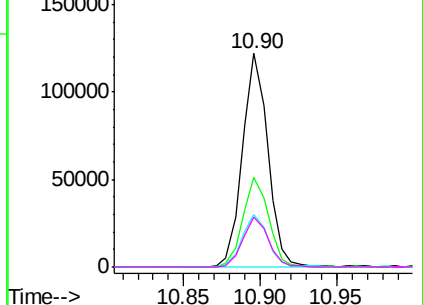


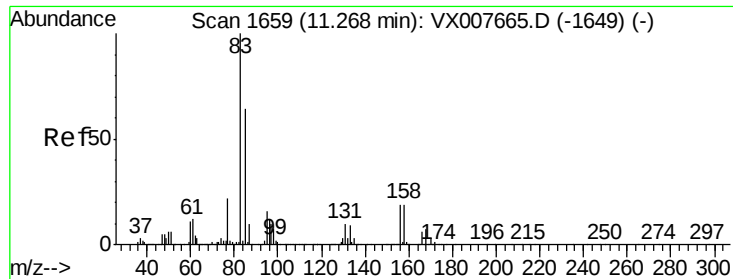
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

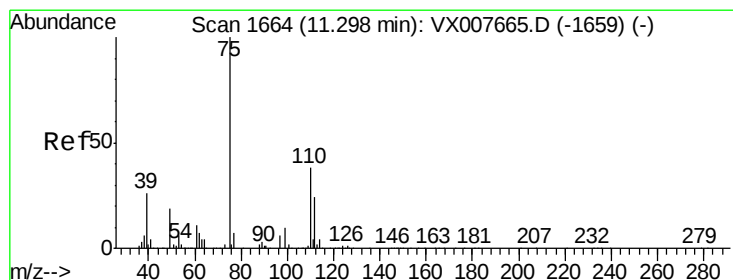
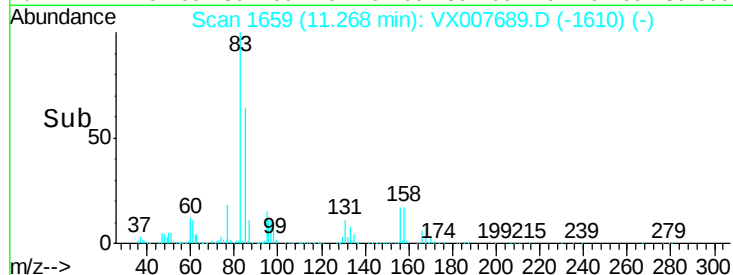
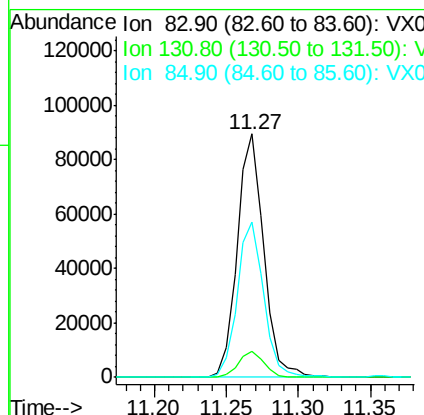
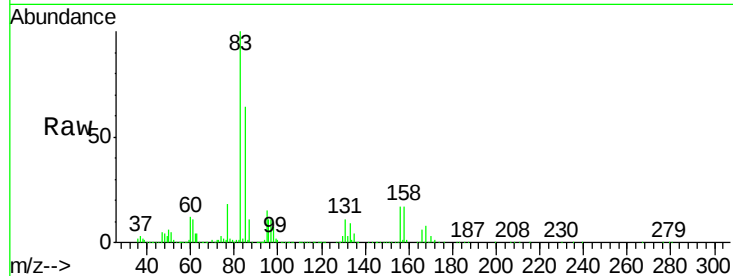
ClientSampleId :

VX0225WBS02

Tot Ion:	83	Resp:	115156
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	63.4	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.329 ug/l m

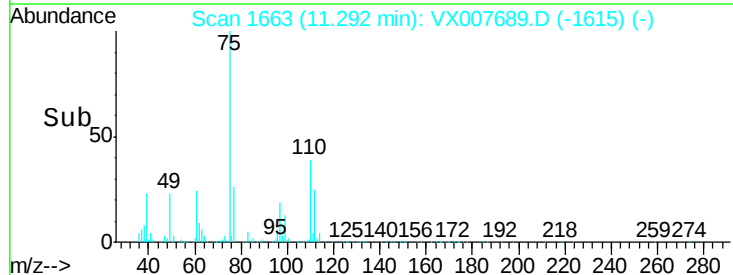
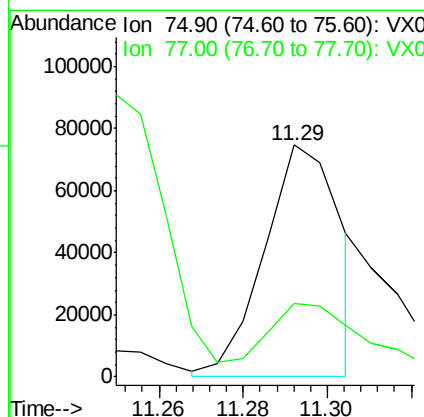
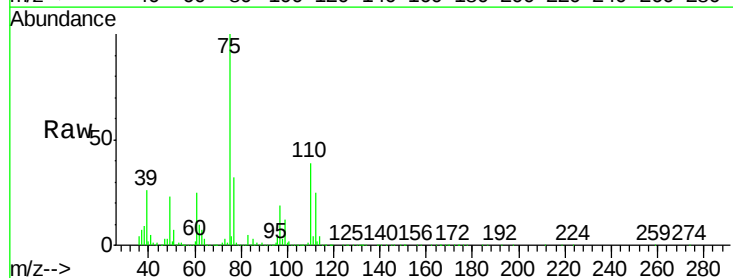
RT: 11.29 min Scan# 1663

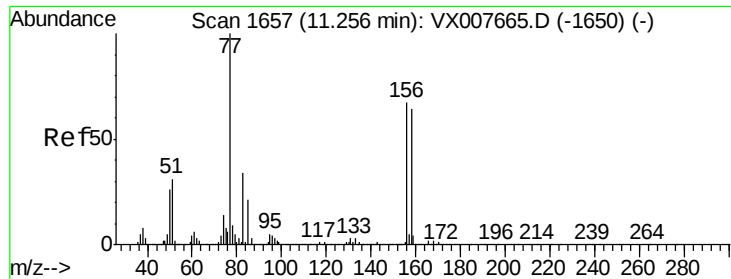
Delta R.T. -0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	75	Resp:	94067
Ion Ratio	Lower	Upper	
75	100		
77	42.5	23.0	69.0





#77

Bromobenzene

Concen: 22.639 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion:156 Resp: 83973

Ion Ratio Lower Upper

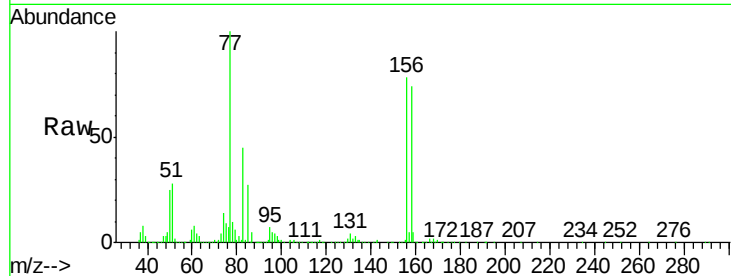
156 100

77 145.8 66.8 200.6

158 96.4 47.9 143.8

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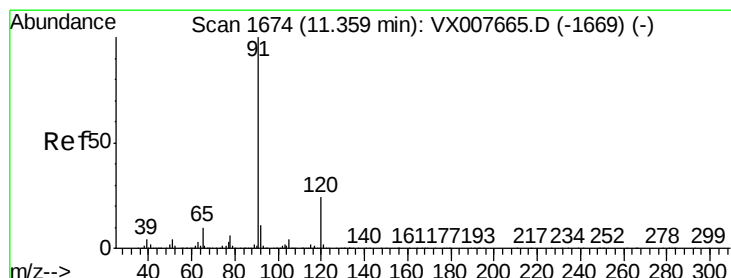
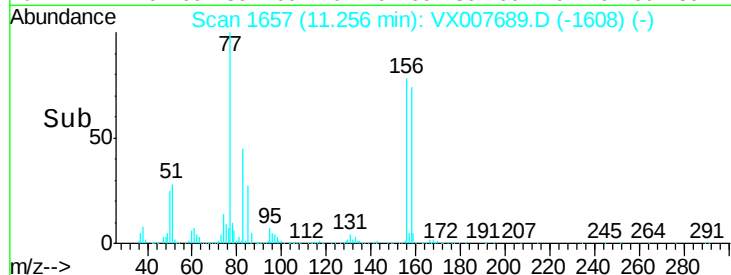
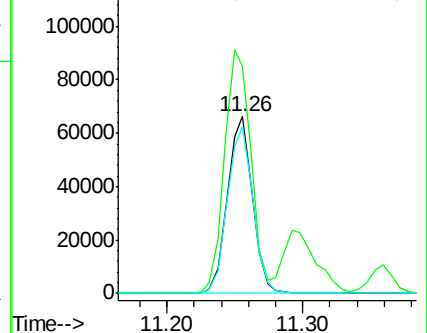
MMDadoda
2/26/2019 3:05:05 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.646 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007689.D

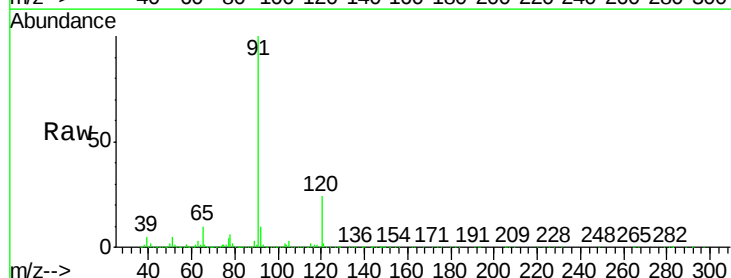
Acq: 26 Feb 2019 02:28

Tgt Ion: 91 Resp: 311581

Ion Ratio Lower Upper

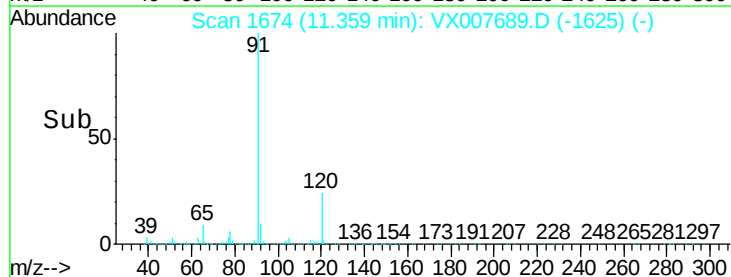
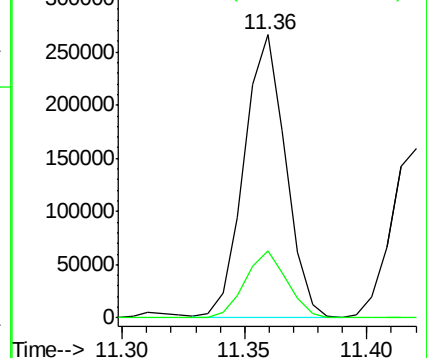
91 100

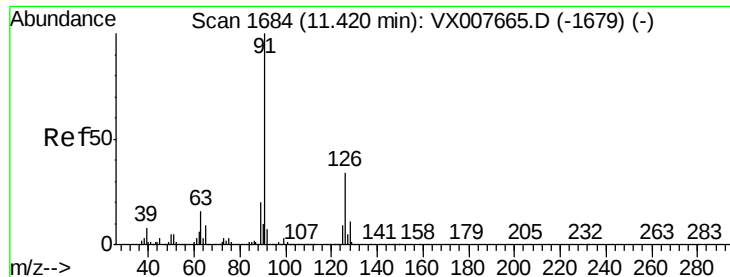
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





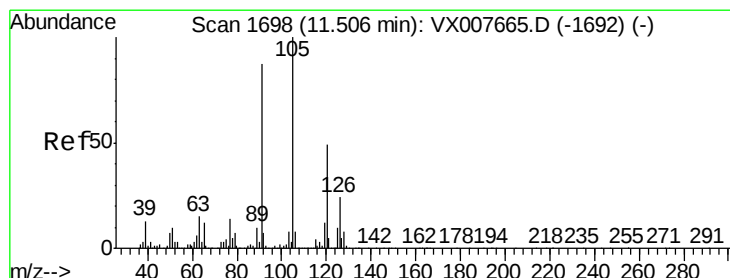
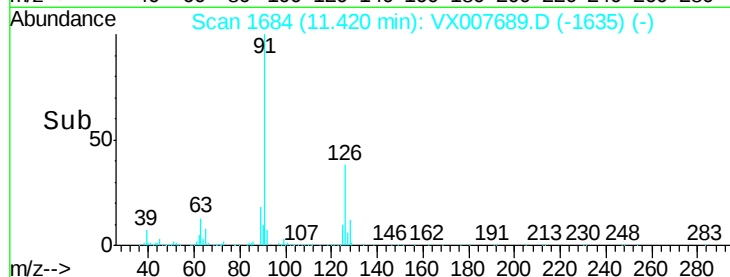
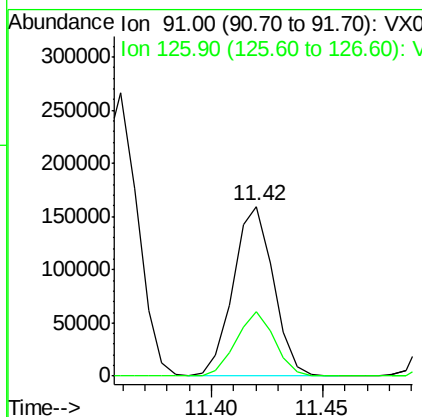
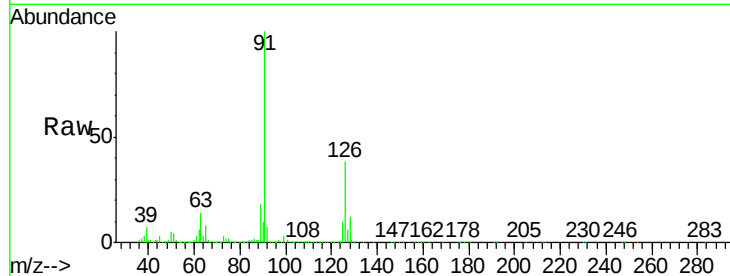
#79
 2-Chlorotoluene
 Concen: 19.792 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion: 91 Resp: 199143
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.7 56.1

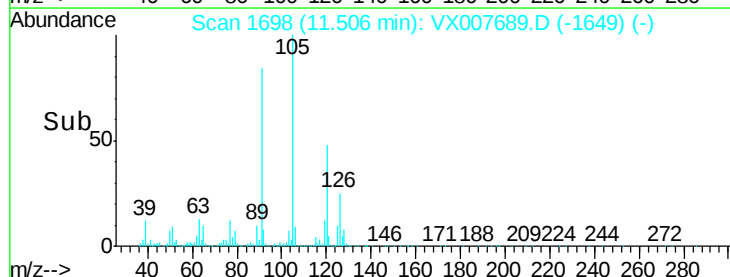
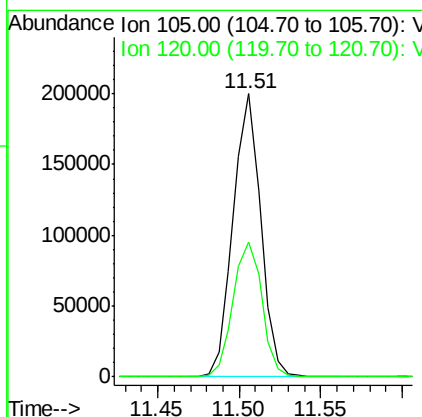
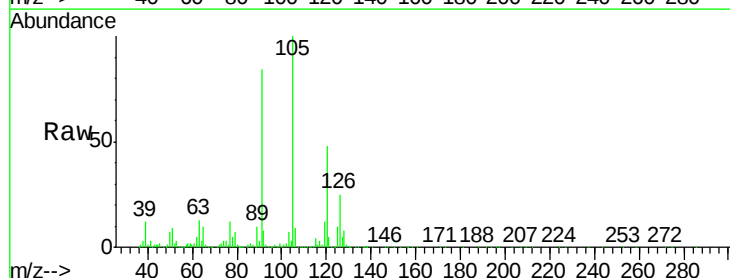
Manual Integrations
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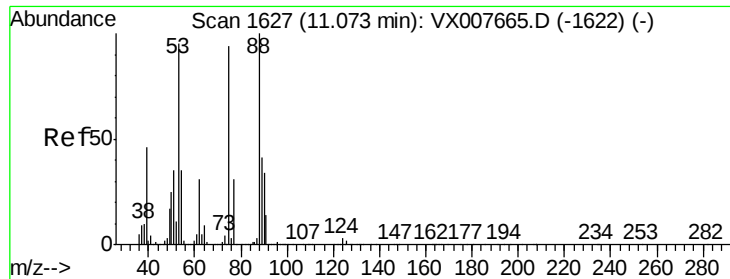
MMDadoda
 2/26/2019 3:05:05 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.368 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion: 105 Resp: 235592
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.3 75.8





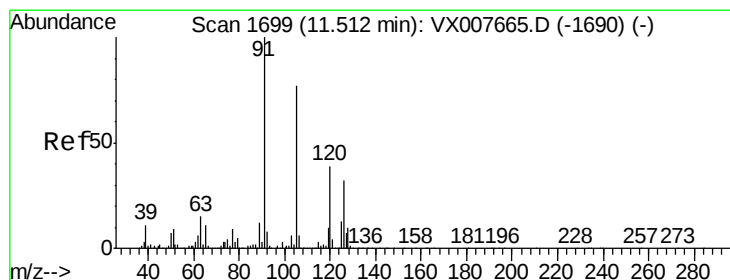
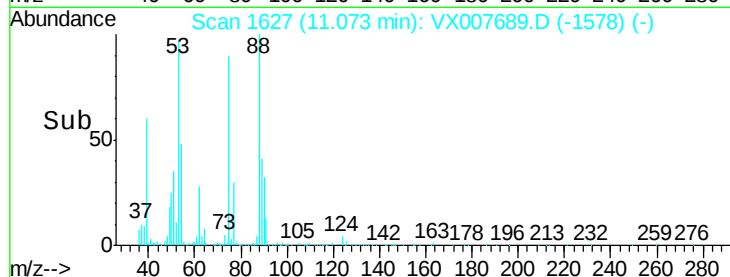
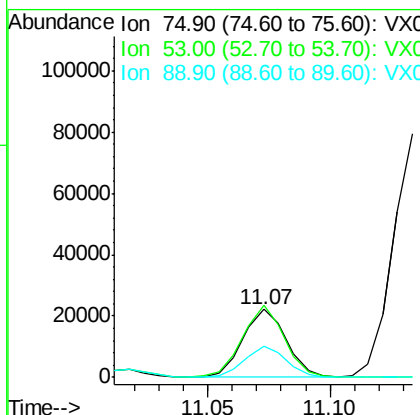
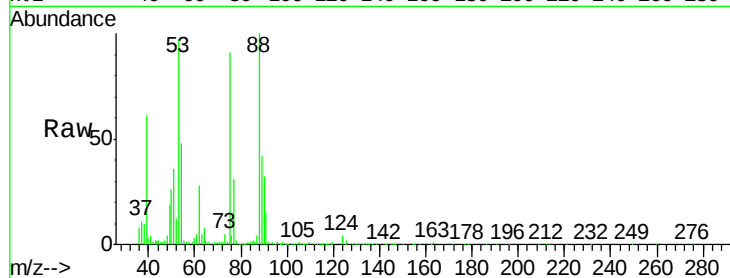
#81
trans-1,4-Dichloro-2-butene
Concen: 18.336 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	81.0	121.6
89	46.4	41.4	62.0

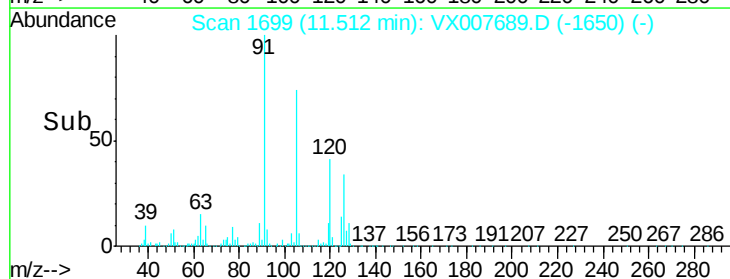
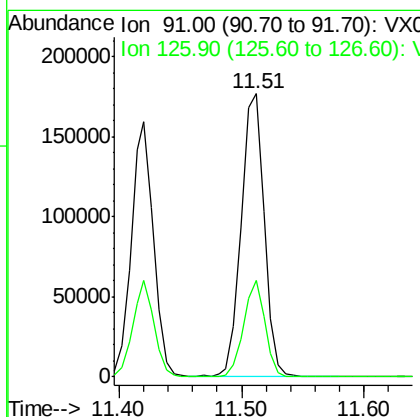
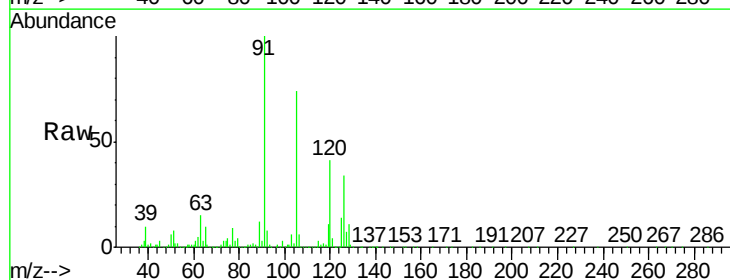
Manual Integrations
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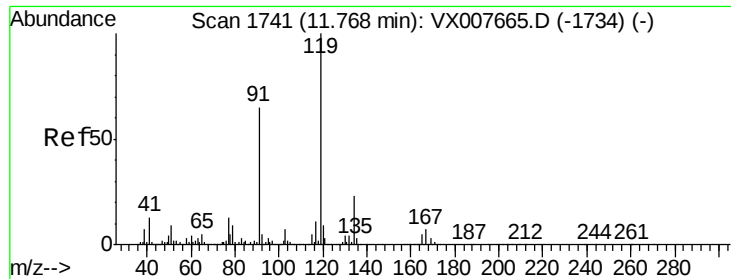
MMDadoda
2/26/2019 3:05:05 PM



#82
4-Chlorotoluene
Concen: 19.543 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 18.986 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

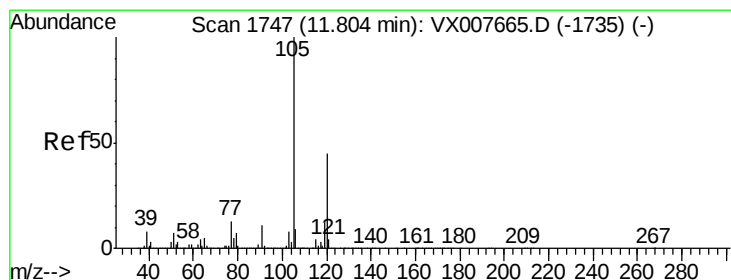
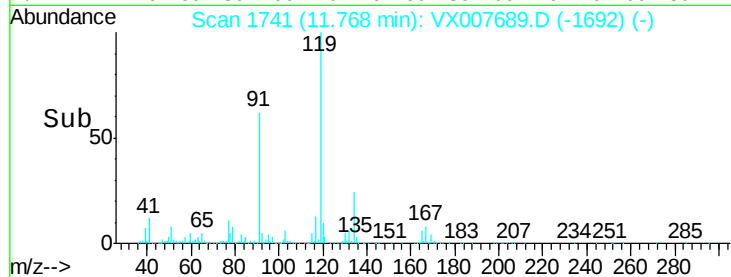
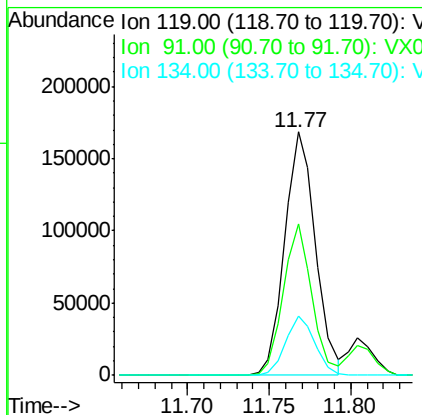
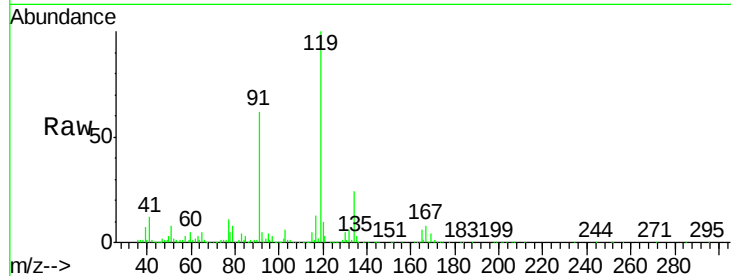
ClientSampleId :

VX0225WBS02

Tot Ion:	119	Resp:	221735
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.5	85.6
134	23.6	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.080 ug/l

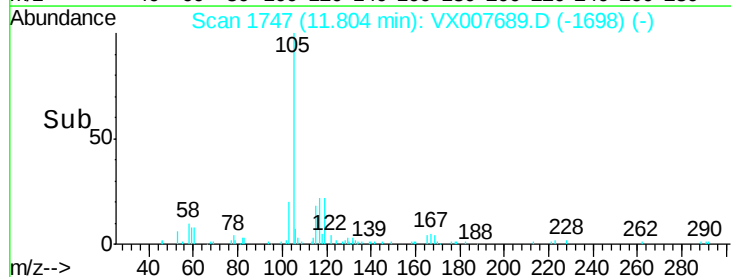
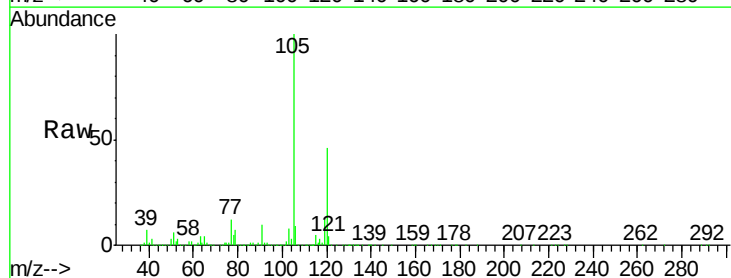
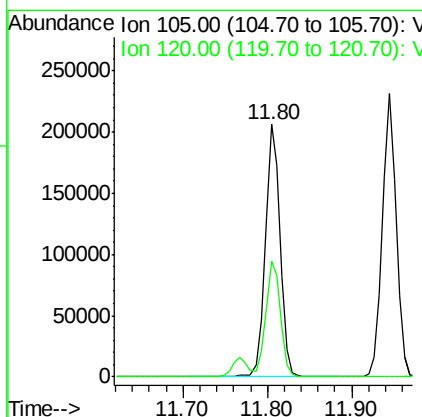
RT: 11.80 min Scan# 1747

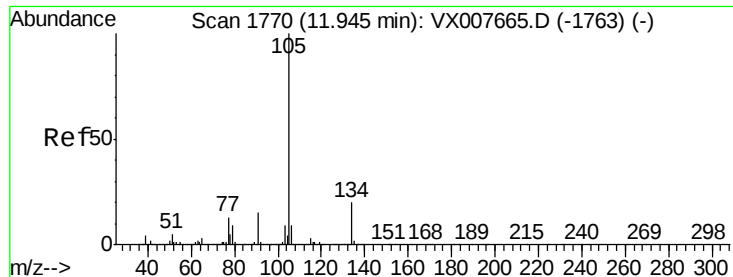
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	105	Resp:	249844
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.186 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion:105 Resp: 266157

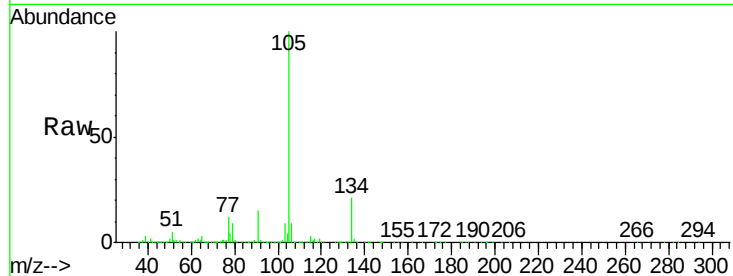
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

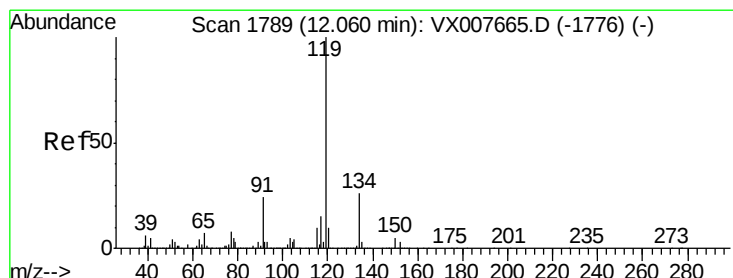
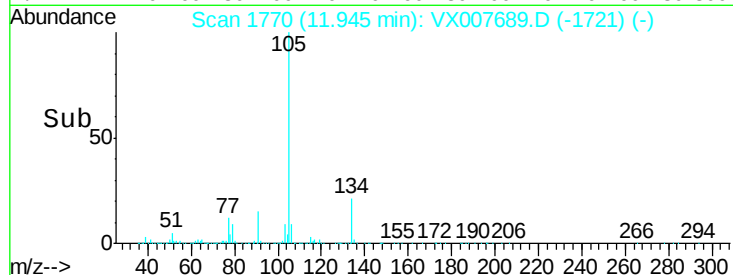
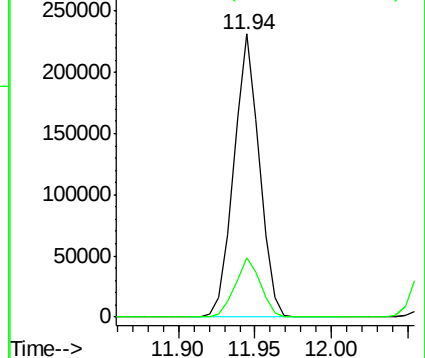
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.407 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

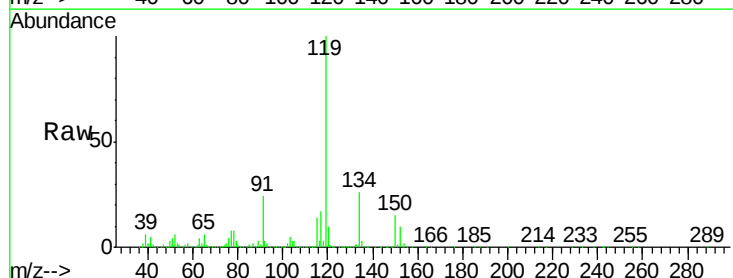
Tgt Ion:119 Resp: 235920

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

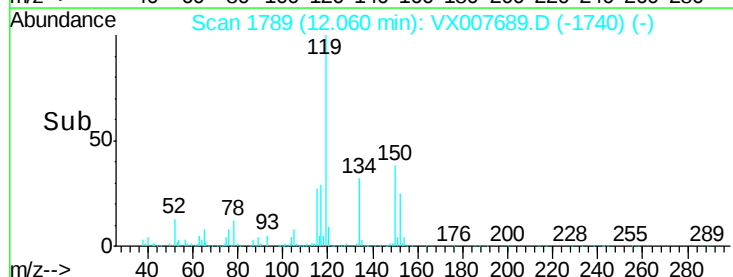
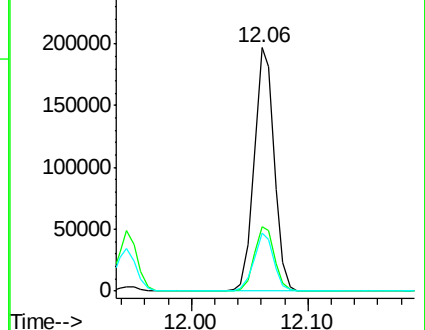
91 23.6 11.2 33.5

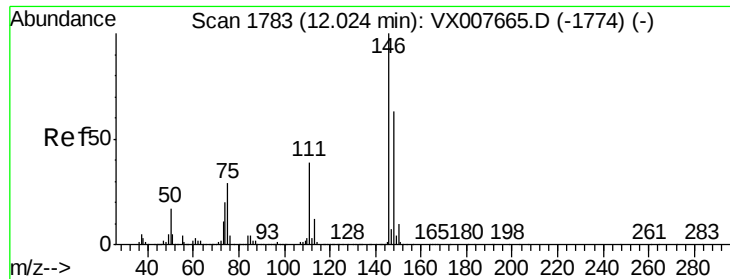


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





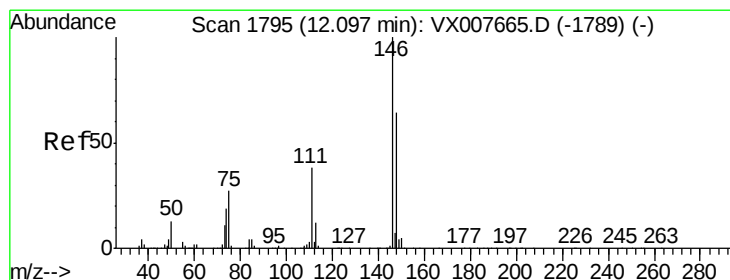
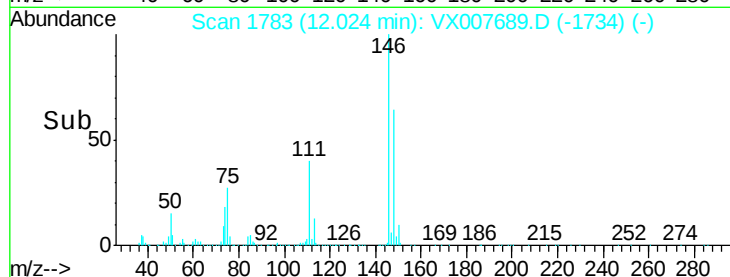
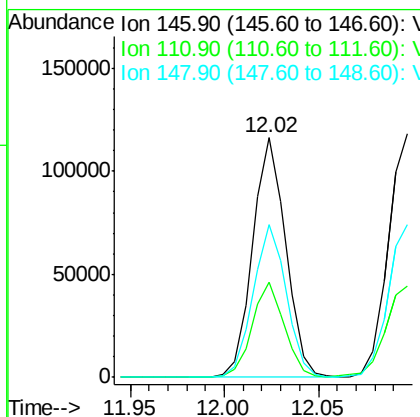
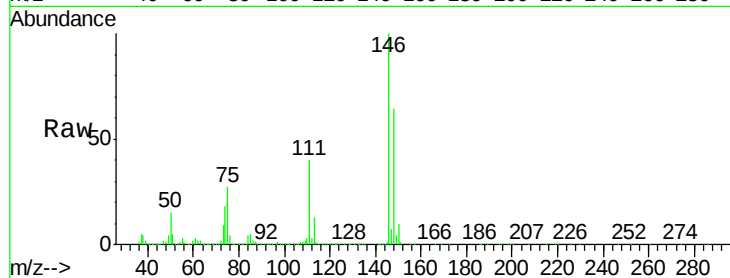
#87
 1,3-Dichlorobenzene
 Concen: 20.529 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	63.8	32.0	96.2

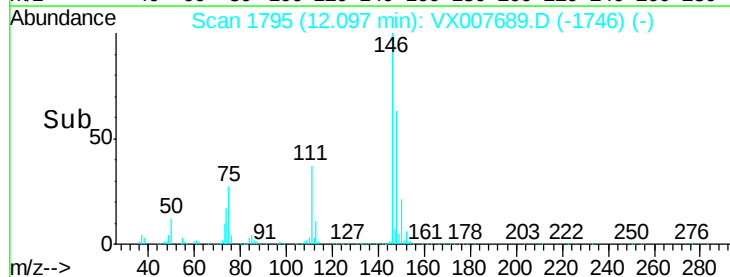
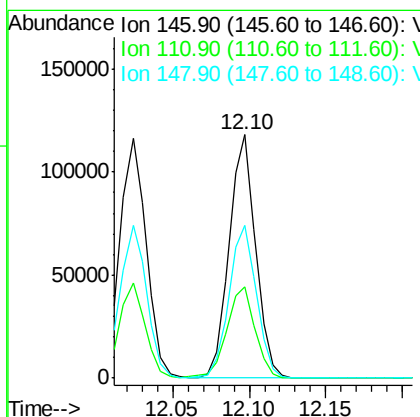
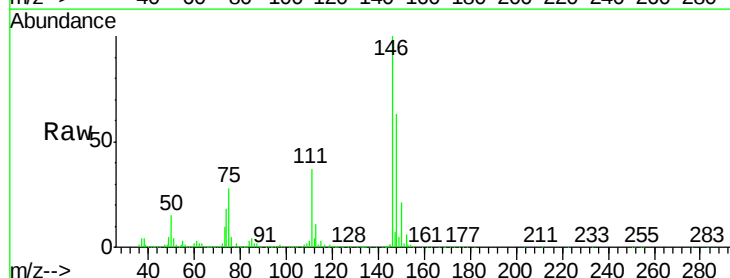
Manual Integrations
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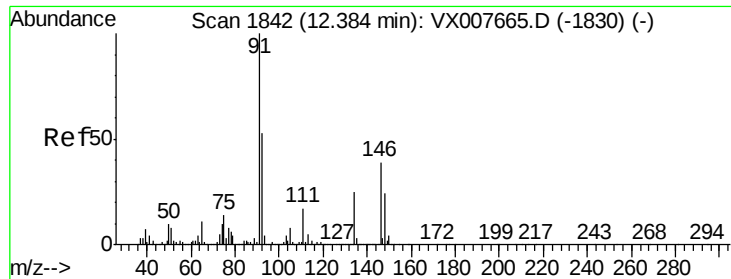
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#88
 1,4-Dichlorobenzene
 Concen: 19.997 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.1	54.1
148	65.3	32.3	96.9





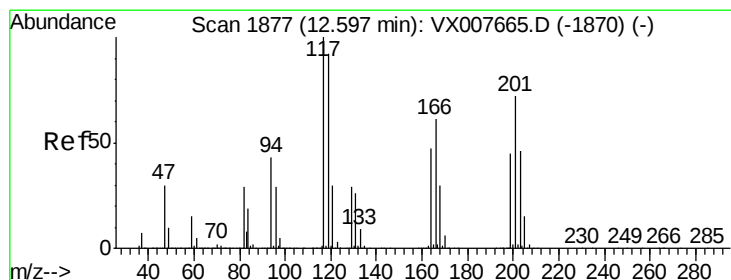
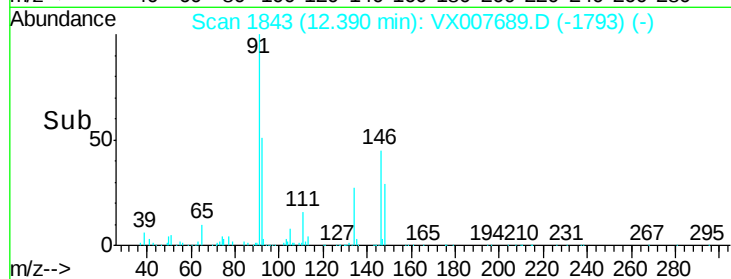
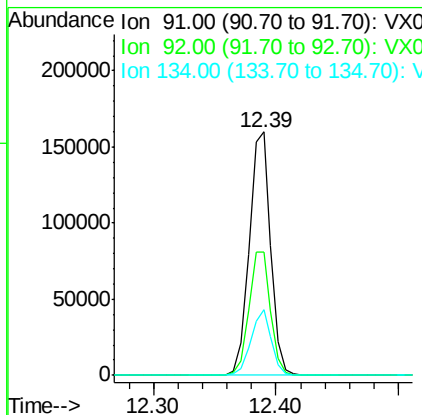
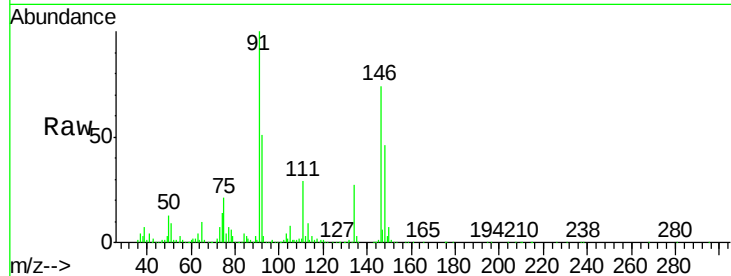
#89
n-Butylbenzene
Concen: 17.022 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.3	78.9
134	25.8	13.9	41.6

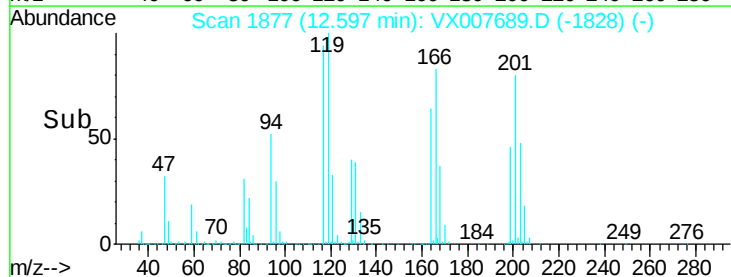
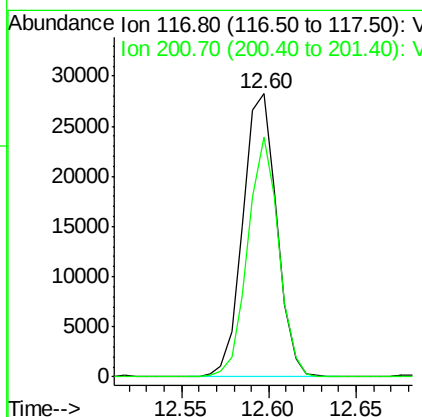
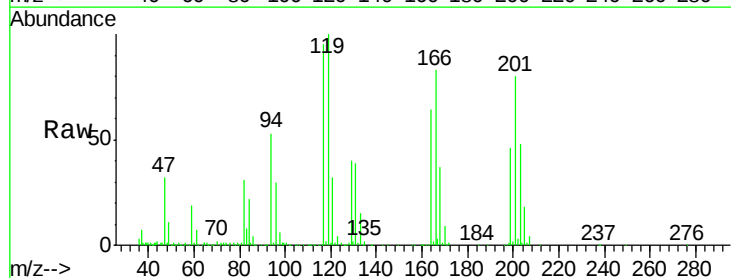
Manual Integrations
APPROVED

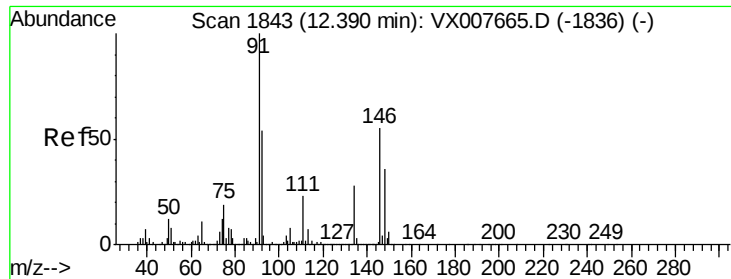
MMDadoda
2/26/2019 3:05:05 PM



#90
Hexachloroethane
Concen: 17.658 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	44.9	134.7





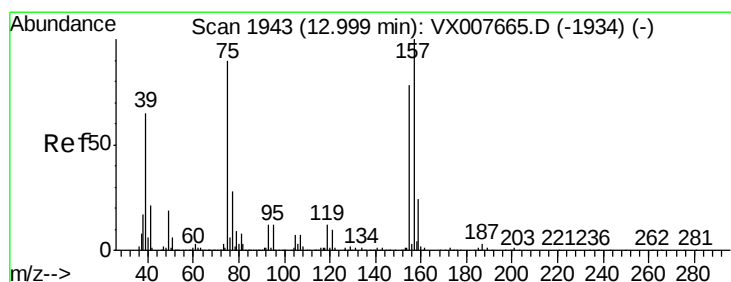
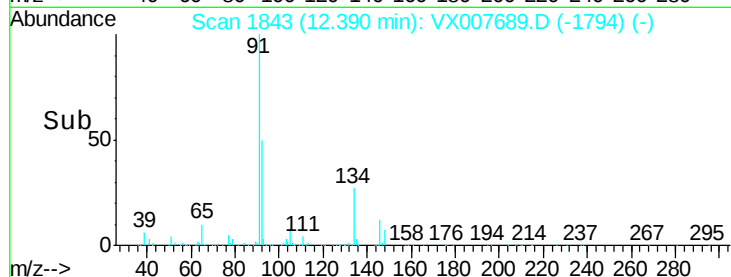
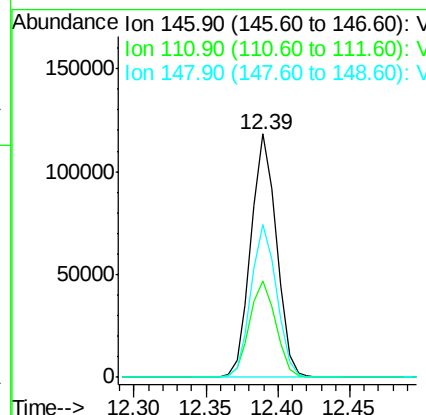
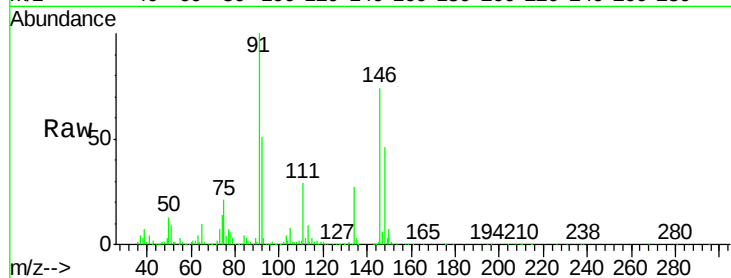
#91
 1,2-Dichlorobenzene
 Concen: 21.155 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.3
148	62.9	32.1	96.3

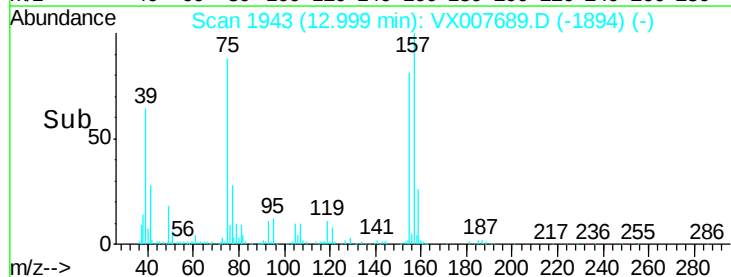
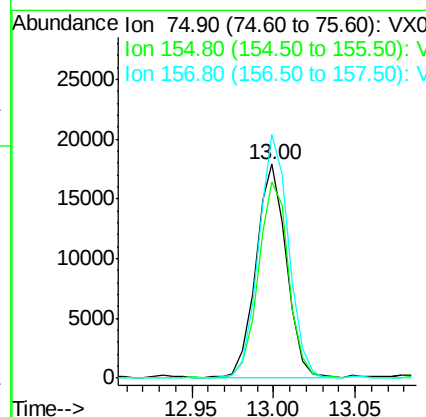
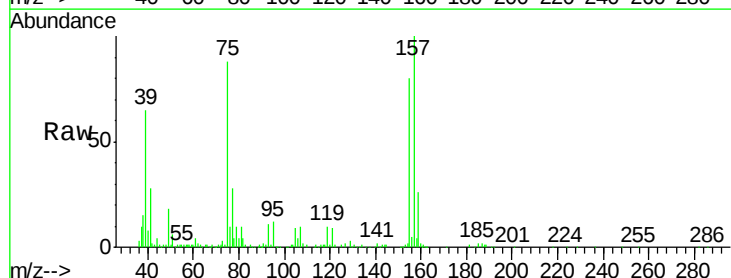
Manual Integrations
 APPROVED

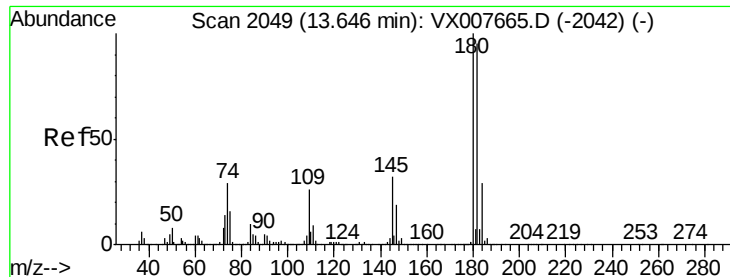
MMDadoda
 2/26/2019 3:05:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.962 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	49.6	149.0
157	111.9	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 20.659 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

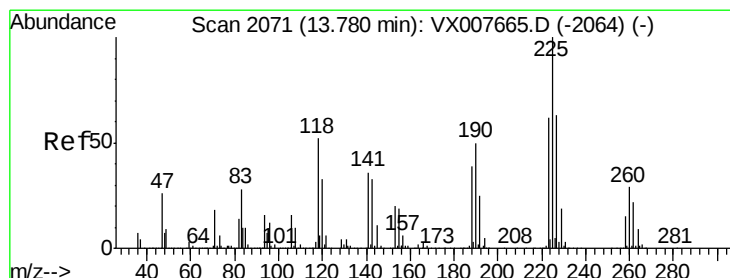
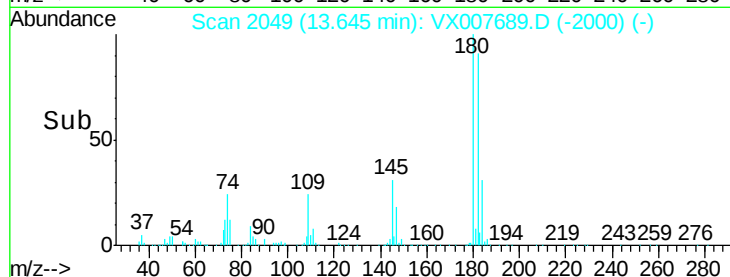
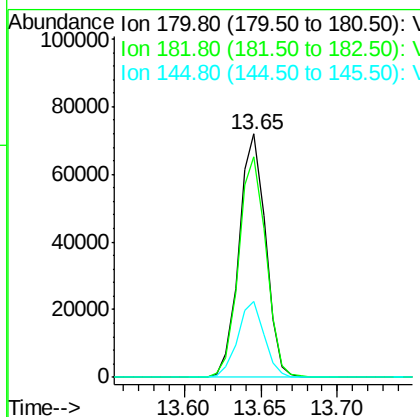
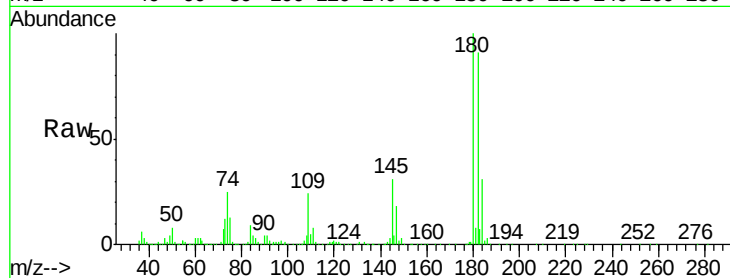
ClientSampleId :

VX0225WBS02

Tot Ion:	180	Resp:	86810
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.8	143.3
145	31.3	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 16.825 ug/l

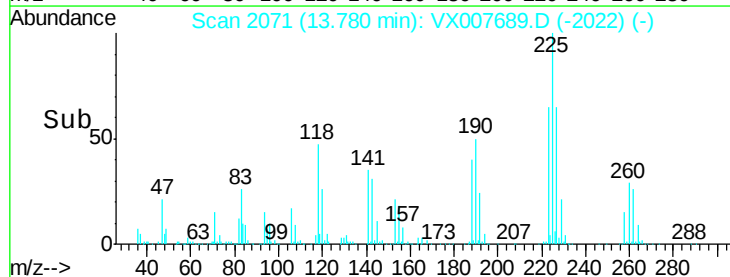
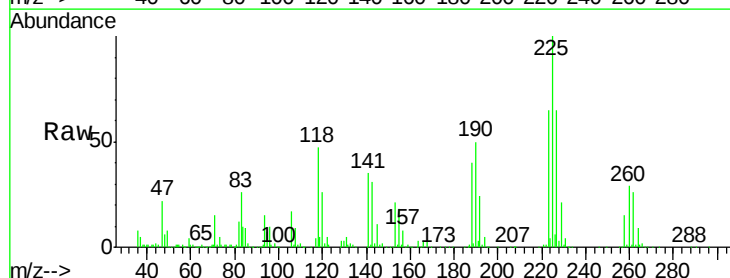
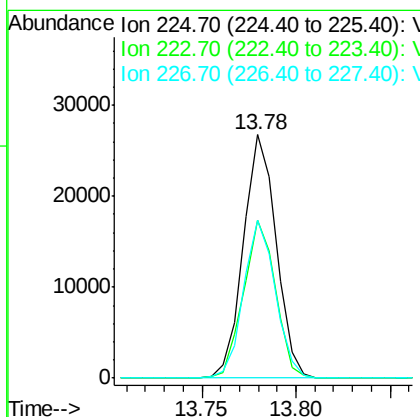
RT: 13.78 min Scan# 2071

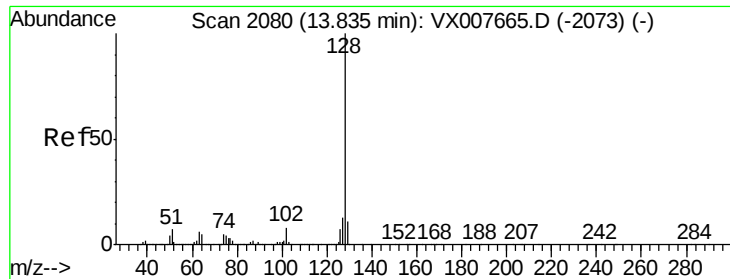
Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	225	Resp:	32343
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.6	94.8
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 22.734 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

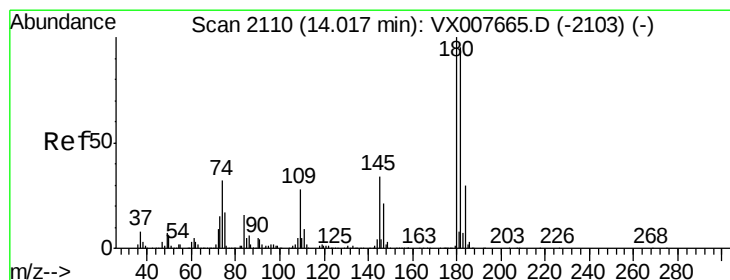
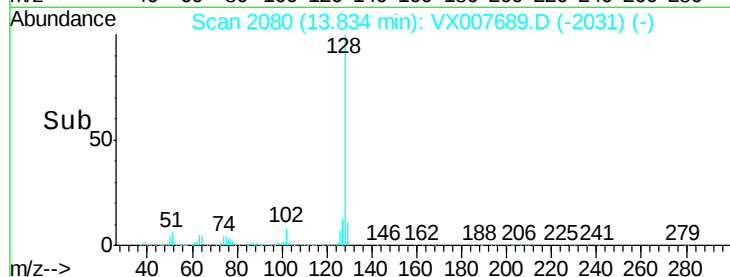
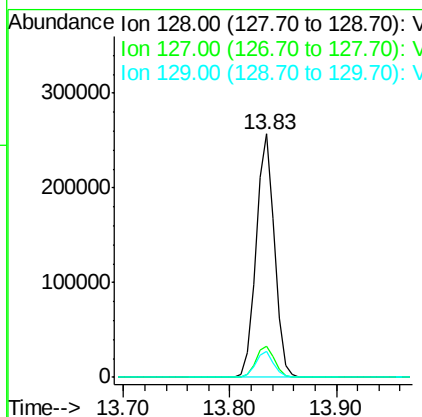
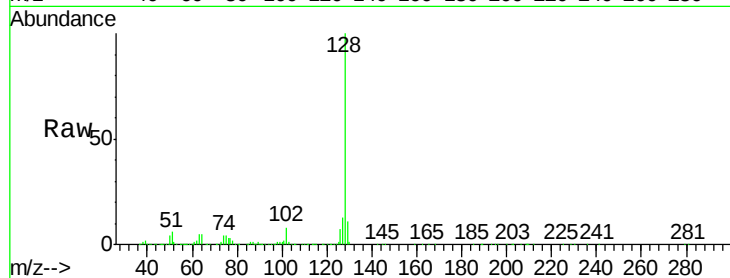
ClientSampleId :

VX0225WBS02

Tot Ion:	128	Resp:	309504
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 21.392 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion:	180	Resp:	90259
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.5	142.6
145	33.5	14.9	44.5

