

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006874.D
 Acq On : 02 Jan 2019 11:51
 Operator : JC/MD
 Sample : VX0102MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:08 AM

Quant Time: Jan 03 00:28:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	565356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	833943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	390692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296308	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	271313	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	975770	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	355461	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	83071	16.062	ug/l 97
3) Chloromethane	1.33	50	94286	16.921	ug/l 96
4) Vinyl Chloride	1.41	62	103213	17.736	ug/l 98
5) Bromomethane	1.64	94	101713	17.483	ug/l 99
6) Chloroethane	1.72	64	70057	17.386	ug/l 97
7) Trichlorofluoromethane	1.93	101	168958	18.622	ug/l 97
8) Diethyl Ether	2.19	74	68783	19.087	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101046	18.968	ug/l 99
10) Methyl Iodide	2.51	142	143294	18.791	ug/l 100
11) Tert butyl alcohol	3.07	59	147482	108.456	ug/l 98
12) 1,1-Dichloroethene	2.37	96	89556	17.729	ug/l 94
13) Acrolein	2.29	56	78368	85.429	ug/l 100
14) Allyl chloride	2.73	41	165268	19.438	ug/l 98
15) Acrylonitrile	3.15	53	310998	103.005	ug/l 100
16) Acetone	2.45	43	288229	102.961	ug/l 99
17) Carbon Disulfide	2.57	76	197668	14.787	ug/l 98
18) Methyl Acetate	2.78	43	190059	23.089	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	348359	20.779	ug/l 98
20) Methylene Chloride	2.86	84	111684	19.294	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	99444	17.768	ug/l 97
22) Diisopropyl ether	3.87	45	316231	20.330	ug/l 98
23) Vinyl Acetate	3.82	43	1289933	101.383	ug/l 97
24) 1,1-Dichloroethane	3.70	63	178380	19.211	ug/l 99
25) 2-Butanone	4.70	43	397887	101.046	ug/l 96
26) 2,2-Dichloropropane	4.59	77	136640	19.050	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	117459	19.021	ug/l 97
28) Bromochloromethane	5.02	49	79963	19.290	ug/l 99
29) Tetrahydrofuran	5.15	42	261175	100.704	ug/l 99
30) Chloroform	5.21	83	187858	19.537	ug/l 100
31) Cyclohexane	5.57	56	142094	16.844	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	158529	19.525	ug/l 99
36) 1,1-Dichloropropene	5.80	75	129179	18.703	ug/l 99
37) Ethyl Acetate	4.85	43	147980	20.585	ug/l 98
38) Carbon Tetrachloride	5.78	117	133141	19.835	ug/l 94

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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	154073	16.944	ug/l	99
40) Benzene	6.14	78	405269	19.303	ug/l	99
41) Methacrylonitrile	5.06	41	85066	22.288	ug/l	98
42) 1,2-Dichloroethane	6.20	62	142365	19.900	ug/l	98
43) Isopropyl Acetate	6.46	43	242616	22.181	ug/l	99
44) Trichloroethene	7.21	130	119744	18.844	ug/l	95
45) 1,2-Dichloropropane	7.52	63	101381	19.843	ug/l	97
46) Dibromomethane	7.66	93	74027	19.698	ug/l	97
47) Bromodichloromethane	7.90	83	126269	20.238	ug/l	98
48) Methyl methacrylate	7.77	41	121177	21.785	ug/l	98
49) 1,4-Dioxane	7.75	88	58579	390.382	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	775699	111.456	ug/l	99
52) Toluene	8.78	92	267799	19.744	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	140355	20.975	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	155237	21.143	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	114940	20.703	ug/l	97
56) Ethyl methacrylate	9.18	69	168902	21.525	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182763	20.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	435825	104.487	ug/l	99
59) 2-Hexanone	9.49	43	587593	110.347	ug/l	100
60) Dibromochloromethane	9.58	129	109297	20.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	119893	20.315	ug/l	100
64) Tetrachloroethene	9.34	164	121488	20.453	ug/l	96
65) Chlorobenzene	10.14	112	313862	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	110892	22.397	ug/l	98
67) Ethyl Benzene	10.25	91	507116	19.556	ug/l	98
68) m/p-Xylenes	10.36	106	399638	39.055	ug/l	100
69) o-Xylene	10.69	106	196662	19.463	ug/l	96
70) Styrene	10.71	104	320603	20.055	ug/l	99
71) Bromoform	10.86	173	82742	21.334	ug/l	98
73) Isopropylbenzene	11.02	105	527407	19.732	ug/l	99
74) N-amyl acetate	10.90	43	216078	22.586	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	169891	21.373	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	161719m	22.273	ug/l	
77) Bromobenzene	11.26	156	144879	20.050	ug/l	99
78) n-propylbenzene	11.36	91	573229	19.476	ug/l	100
79) 2-Chlorotoluene	11.42	91	345098	19.348	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	431691	19.609	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43175	20.797	ug/l	94
82) 4-Chlorotoluene	11.51	91	394545	19.284	ug/l	99
83) tert-Butylbenzene	11.77	119	426236	19.345	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	440371	19.018	ug/l	99
85) sec-Butylbenzene	11.94	105	515277	19.074	ug/l	100
86) p-Isopropyltoluene	12.06	119	459251	19.340	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	257050	19.738	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	252889	18.942	ug/l	97
89) n-Butylbenzene	12.39	91	379185	18.763	ug/l	100
90) Hexachloroethane	12.60	117	66125	19.914	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	257308	19.751	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34040	20.696	ug/l	97

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MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169601	18.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	76343	18.024	ug/l	98
95) Naphthalene	13.83	128	524390	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	169637	18.283	ug/l	99

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

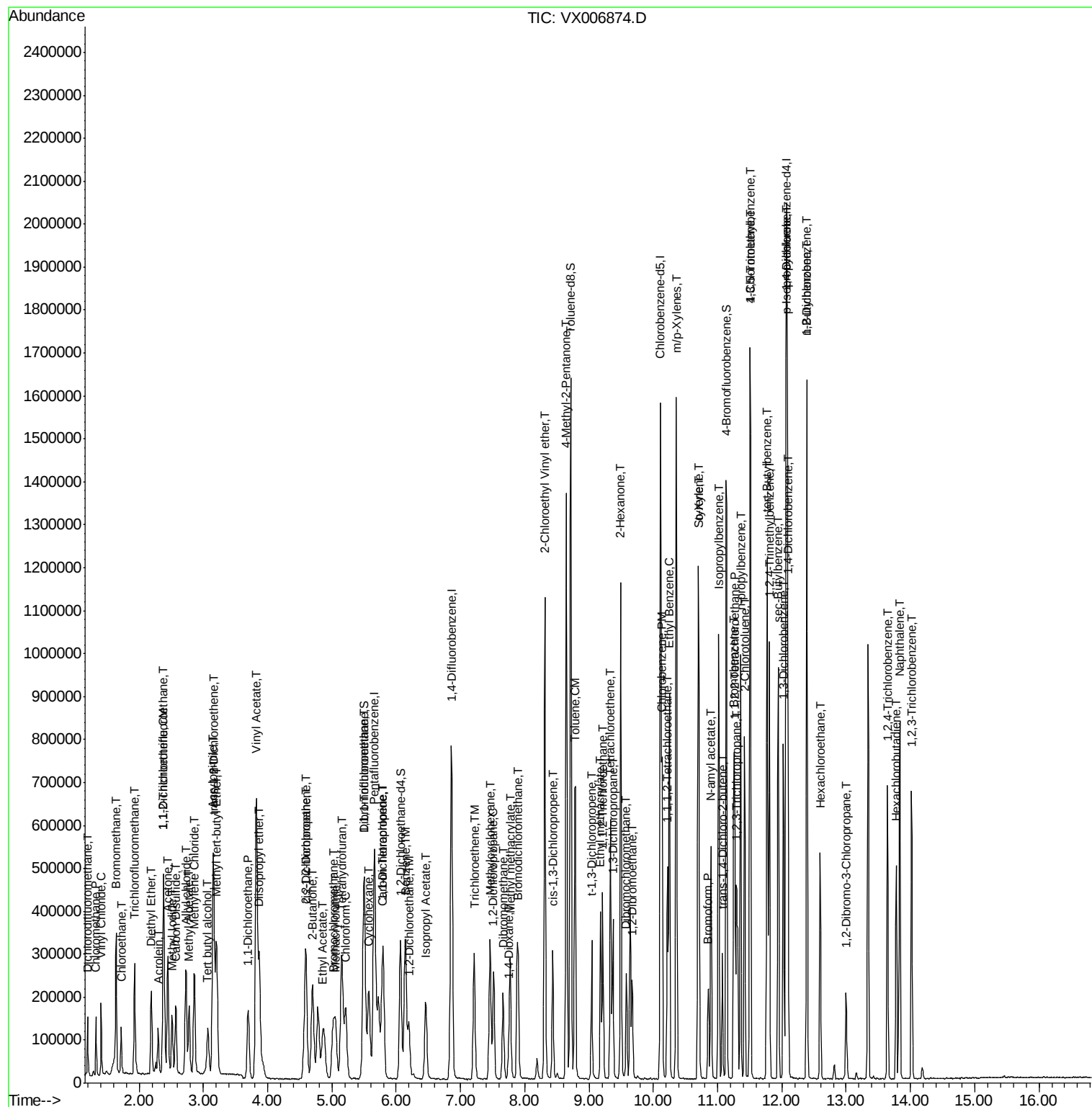
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Data File : VX006874.D
Acq On : 02 Jan 2019 11:51
Operator : JC/MD
Sample : VX0102MBS01
Misc : 5.0uL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

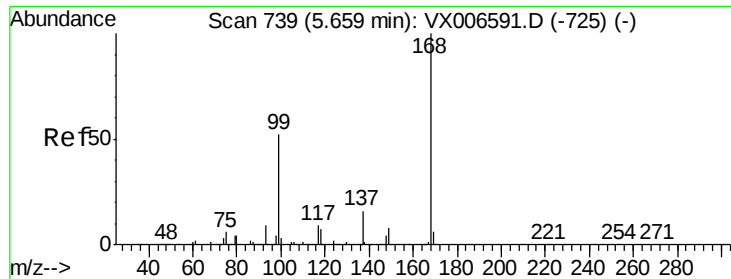
Instrument :
MSVOA_X
Client Sampled :
VX0102MBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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#1

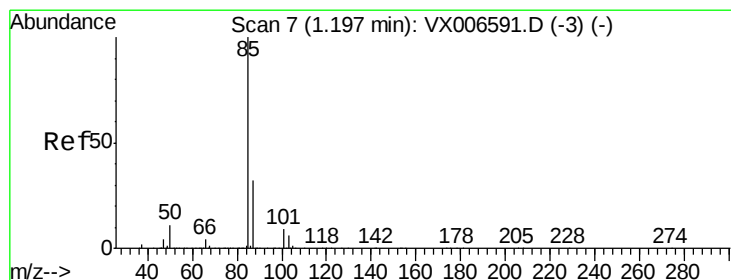
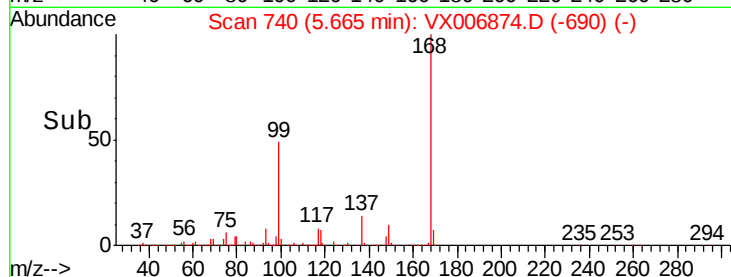
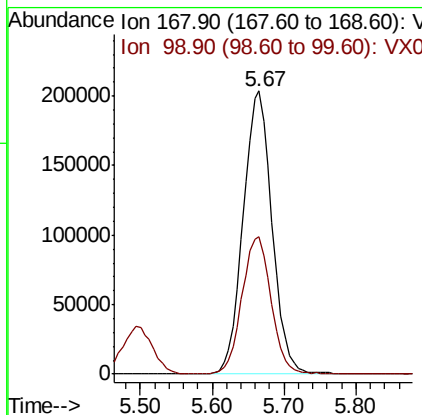
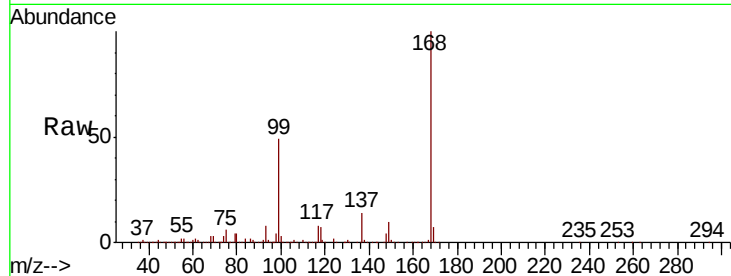
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	41.8	62.8

Manual Integrations
 APPROVED

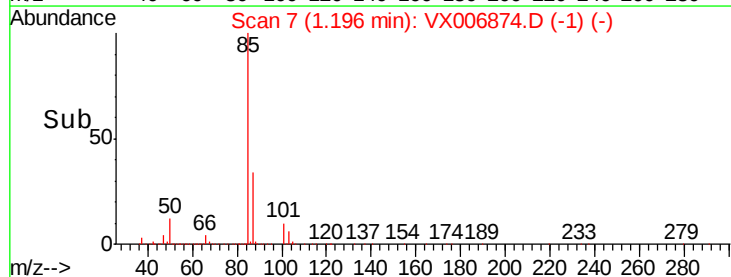
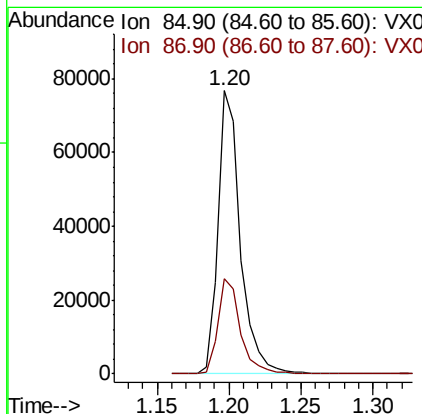
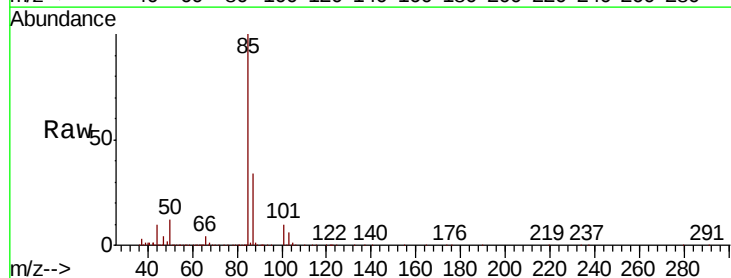
MMDadoda
 1/3/2019 9:43:08 AM

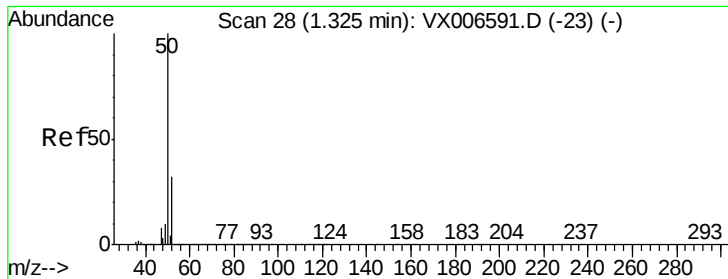


#2

Dichlorodifluoromethane
 Concen: 16.062 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.9	47.6





#3

Chloromethane

Concen: 16.921 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 50 Resp: 94286

Ion Ratio Lower Upper

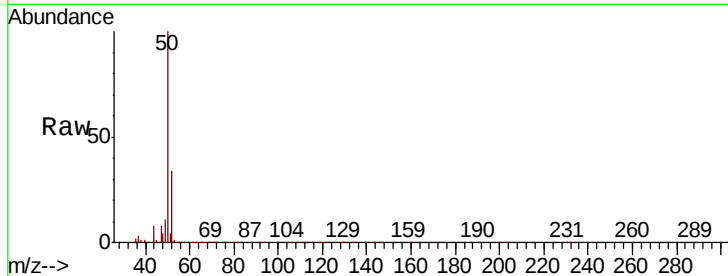
50 100

52 34.1 25.4 38.2

Manual Integrations
APPROVED

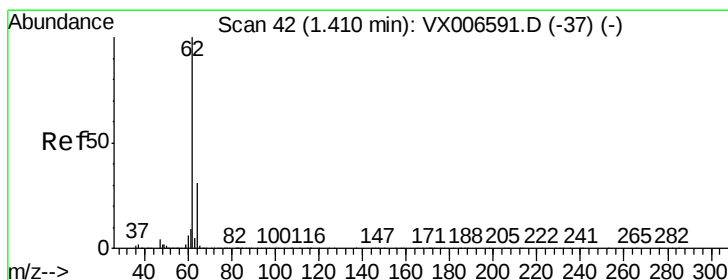
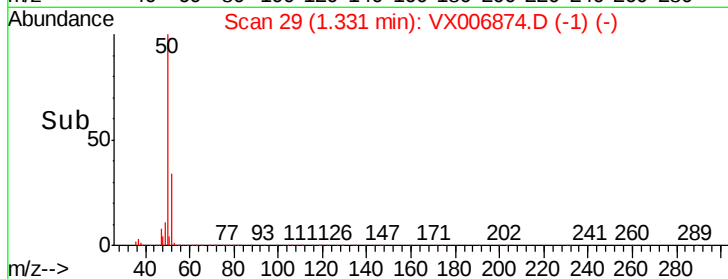
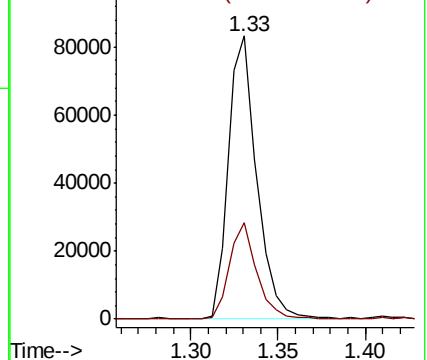
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.736 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006874.D

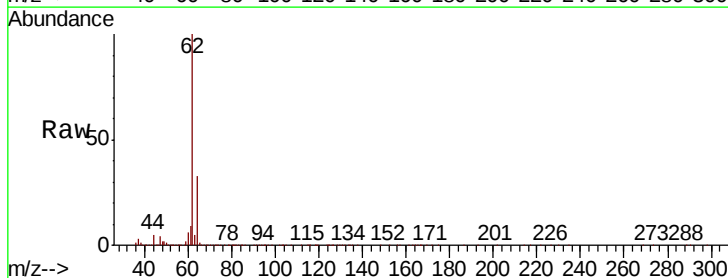
Acq: 02 Jan 2019 11:51

Tgt Ion: 62 Resp: 103213

Ion Ratio Lower Upper

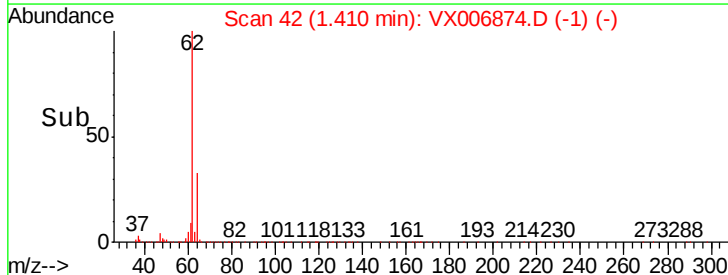
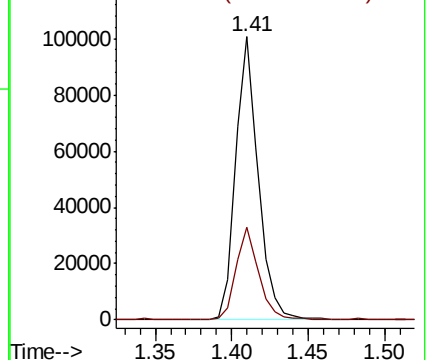
62 100

64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.483 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 94 Resp: 101713

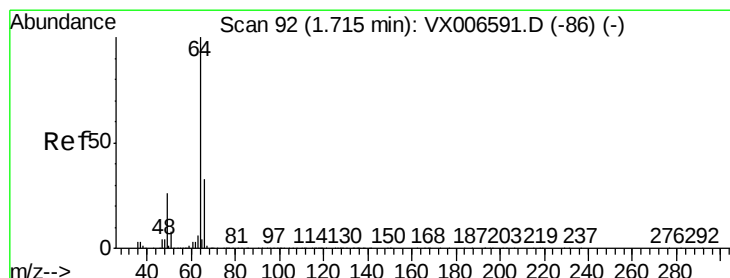
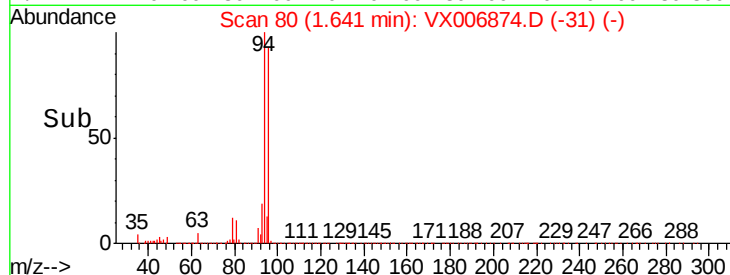
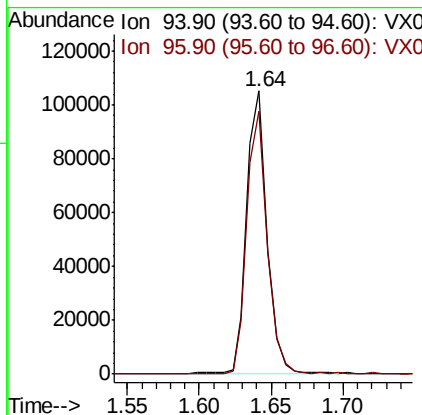
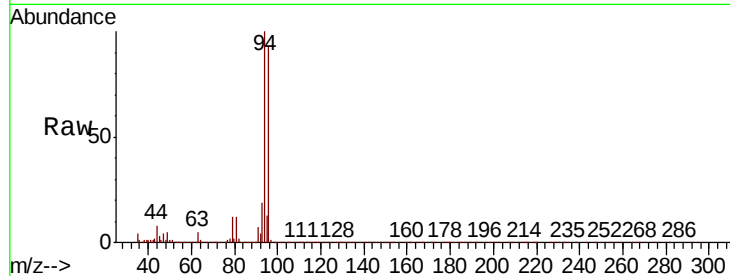
Ion Ratio Lower Upper

94 100

96 92.9 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 17.386 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006874.D

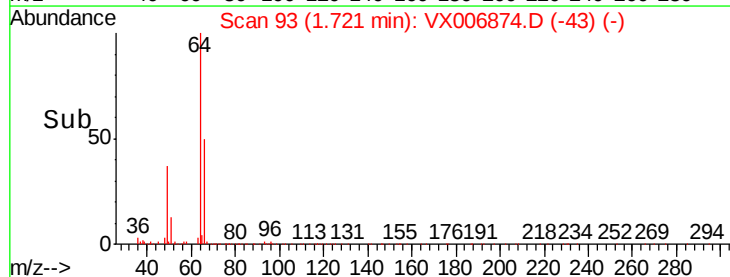
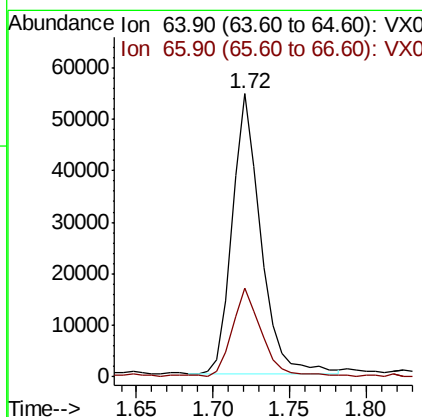
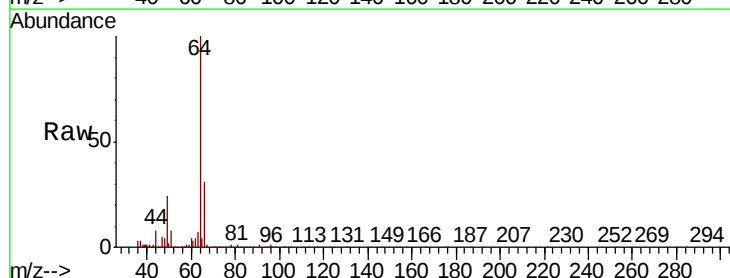
Acq: 02 Jan 2019 11:51

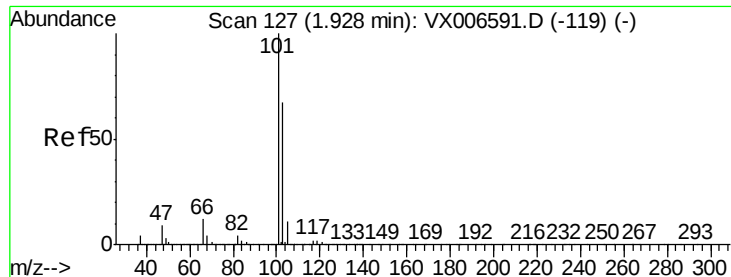
Tgt Ion: 64 Resp: 70057

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6





#7

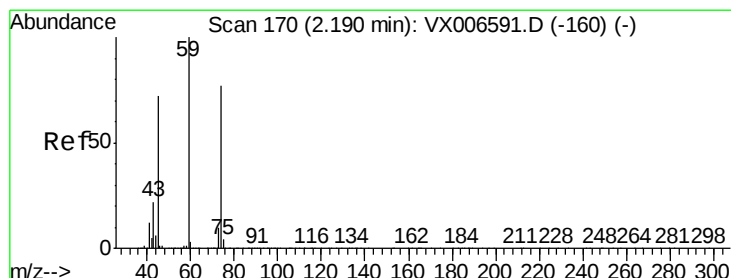
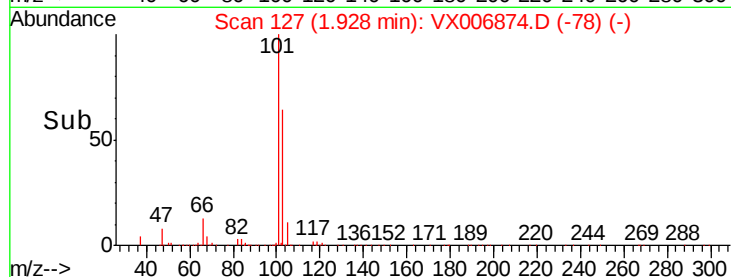
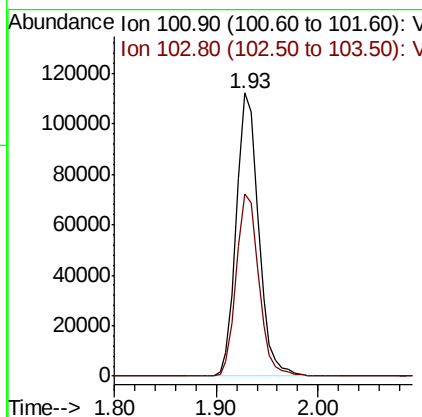
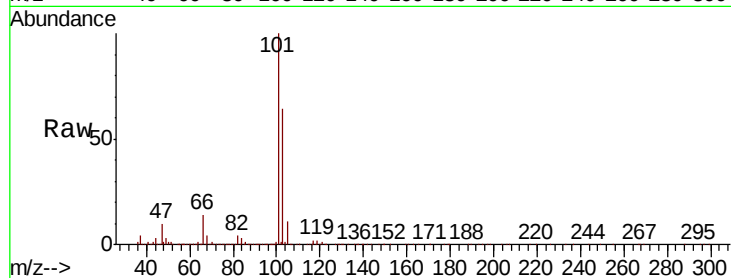
Trichlorofluoromethane
Concen: 18.622 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

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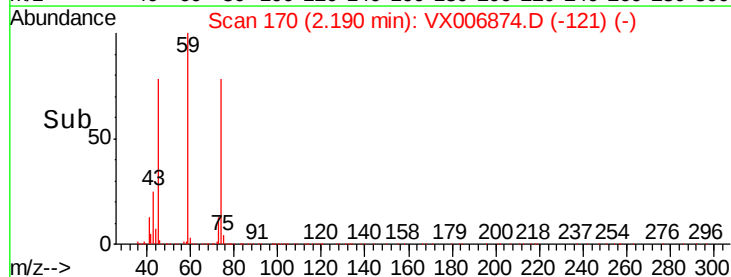
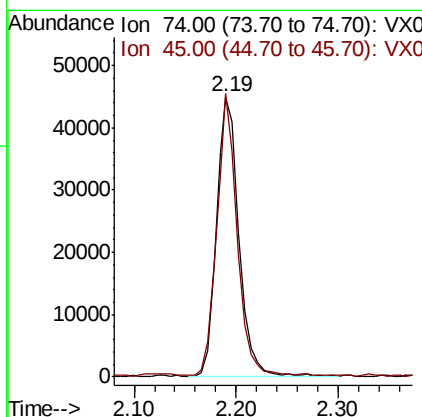
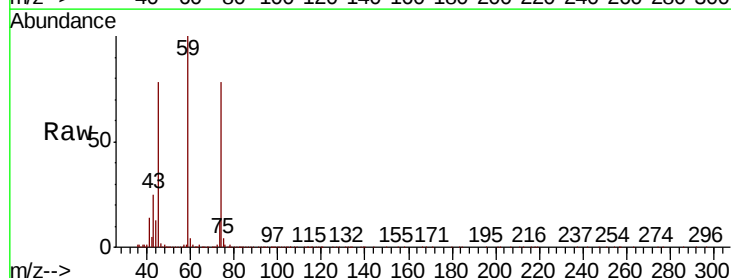
MMDadoda
1/3/2019 9:43:08 AM

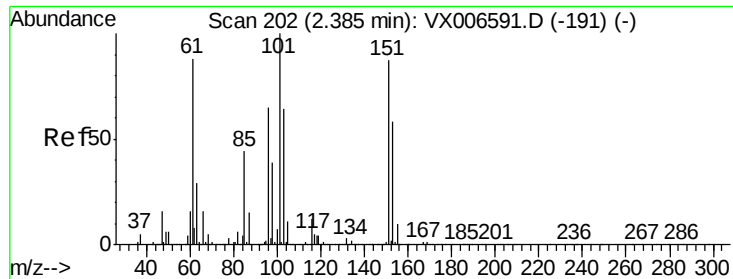


#8

Diethyl Ether
Concen: 19.087 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.968 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

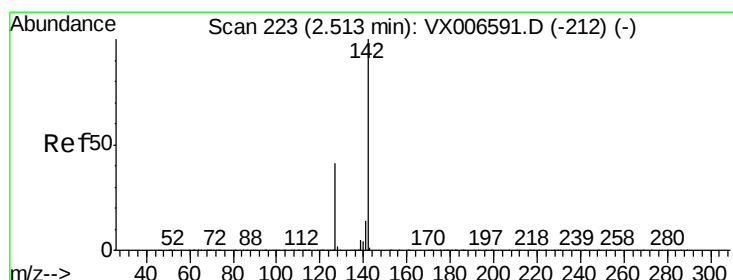
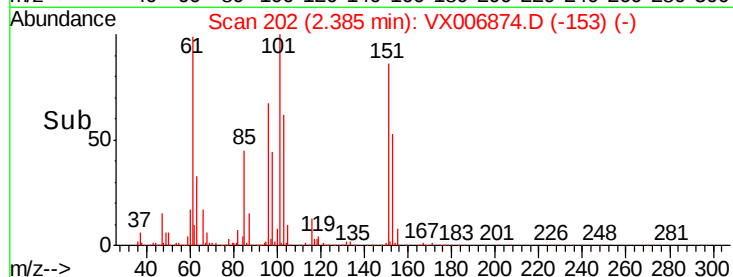
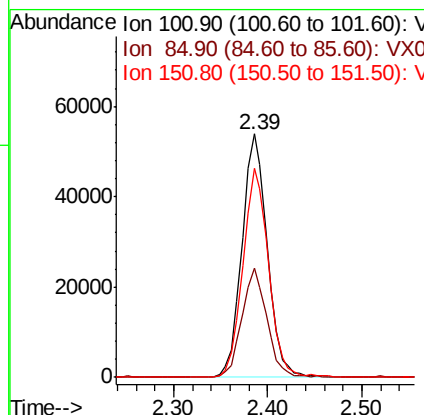
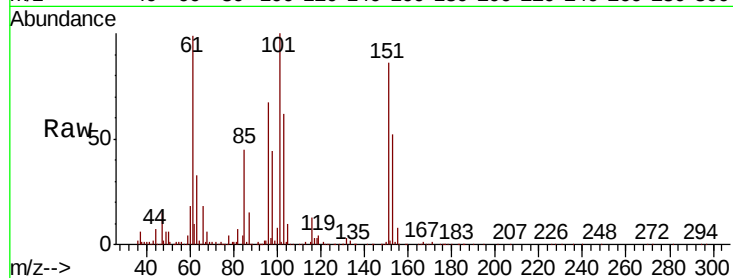
ClientSampleId :

VX0102MBS01

Tot Ion:	101	Resp:	101046
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.1	52.7
151	87.0	68.9	103.3

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#10

Methyl Iodide

Concen: 18.791 ug/l

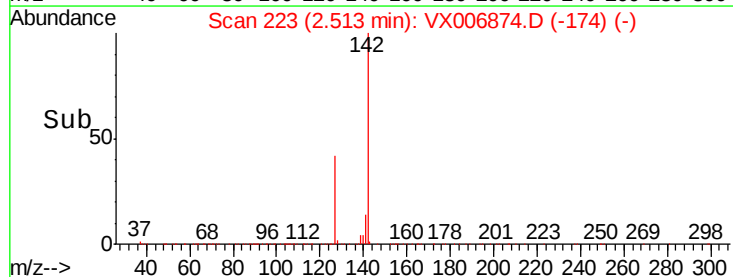
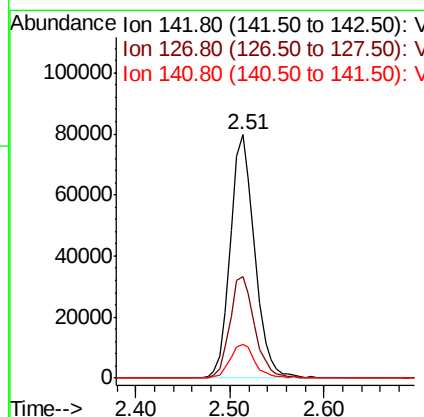
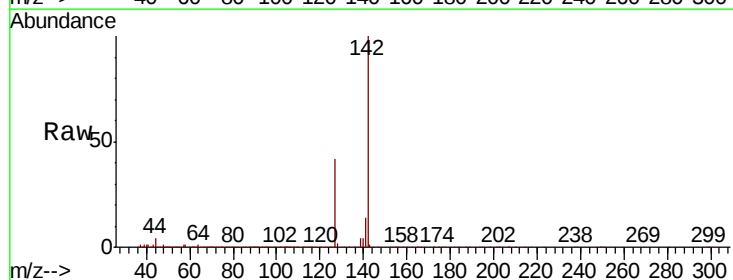
RT: 2.51 min Scan# 223

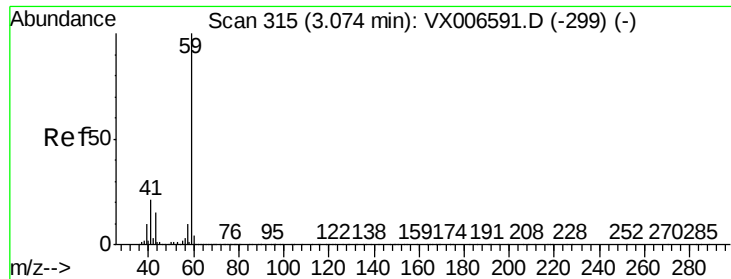
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	142	Resp:	143294
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.9	50.9
141	14.6	11.4	17.0





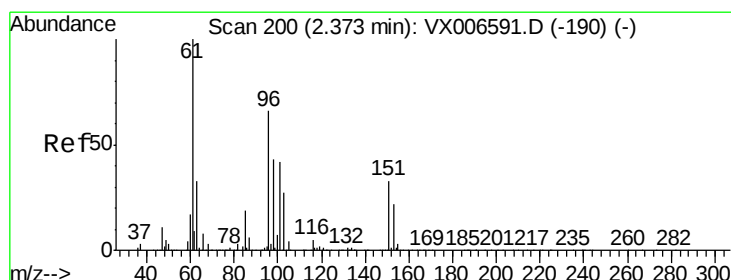
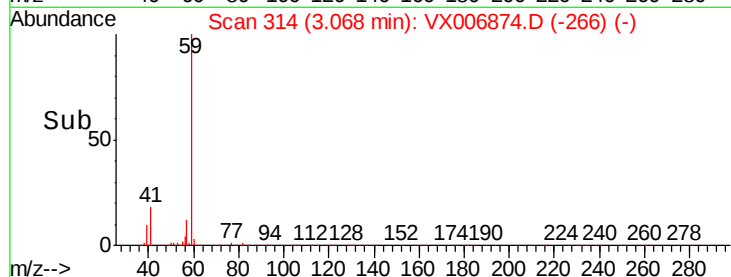
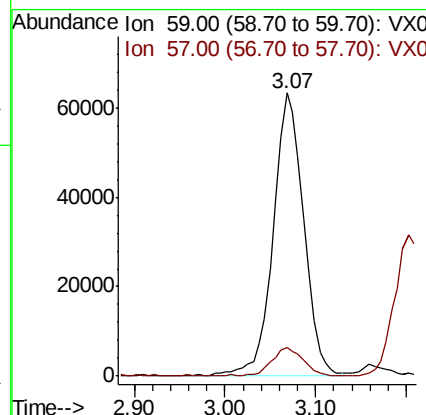
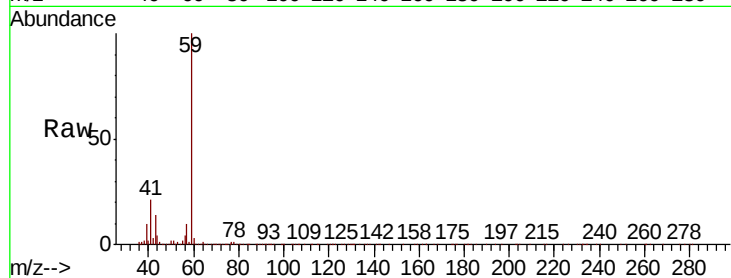
#11
Tert butyl alcohol
Concen: 108.456 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

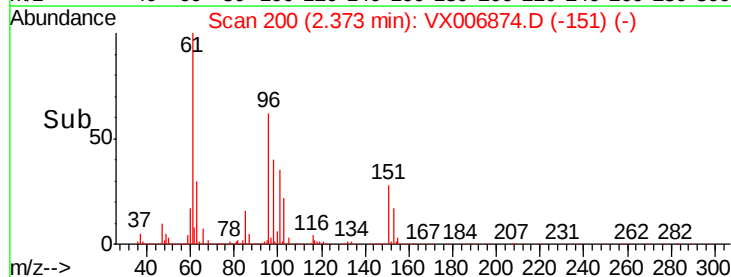
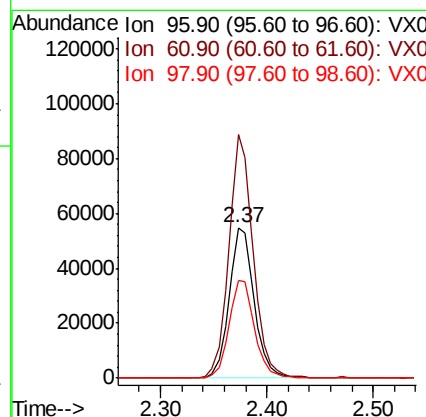
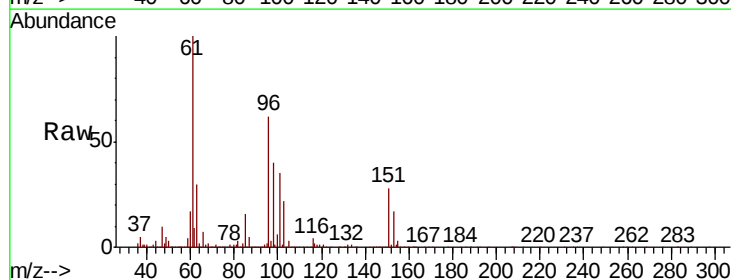
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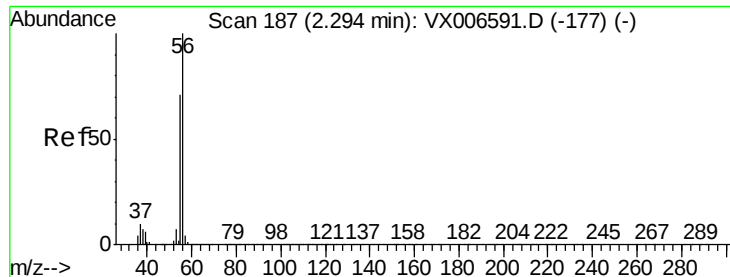
MMDadoda
1/3/2019 9:43:08 AM



#12
1,1-Dichloroethene
Concen: 17.729 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	121.4	182.2
98	64.7	51.9	77.9





#13

Acrolein

Concen: 85.429 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 56 Resp: 78368

Ion Ratio Lower Upper

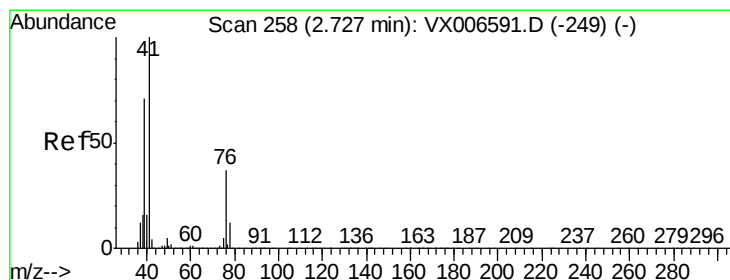
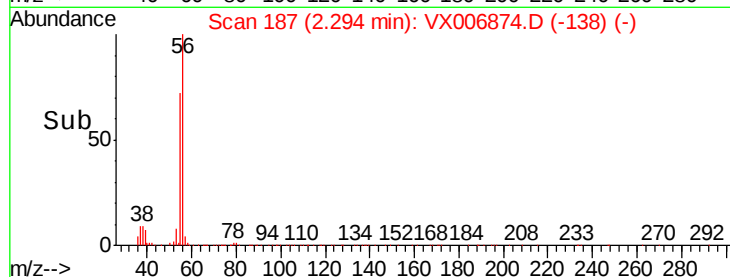
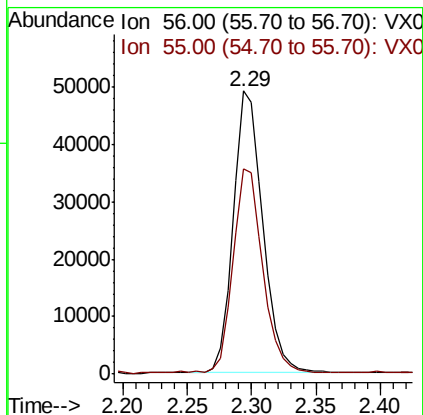
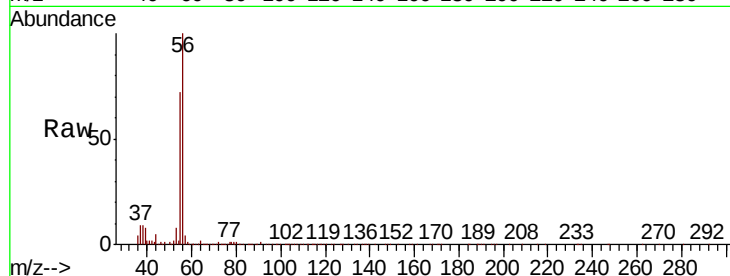
56 100

55 72.6 58.2 87.4

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#14

Allyl chloride

Concen: 19.438 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

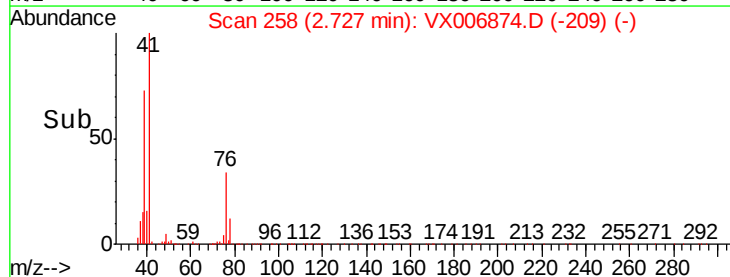
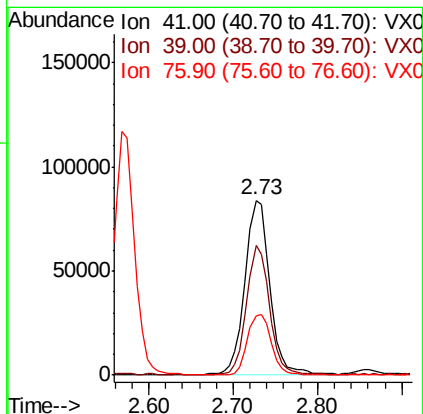
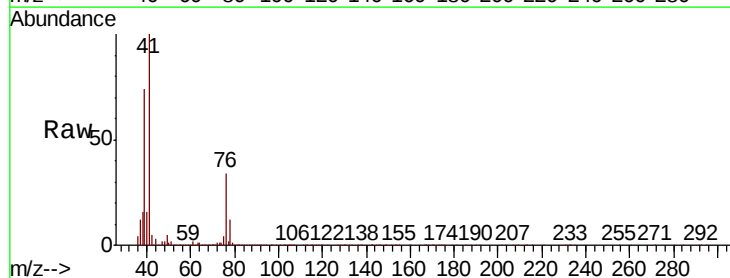
Tgt Ion: 41 Resp: 165268

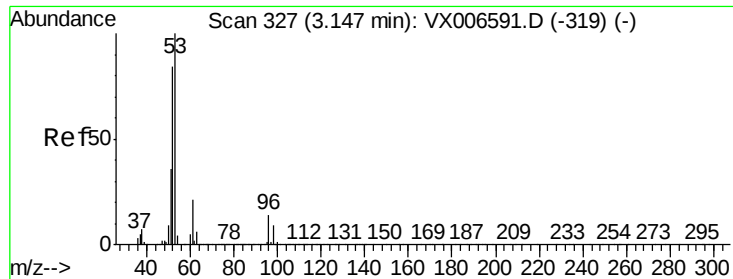
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 103.005 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

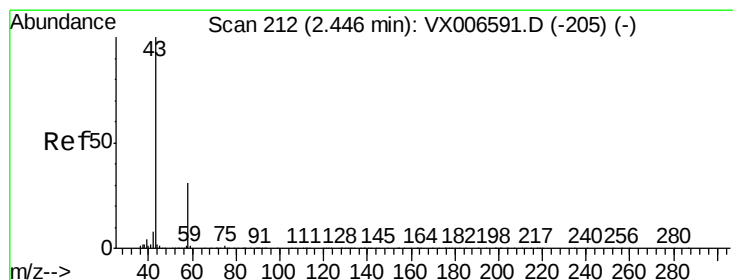
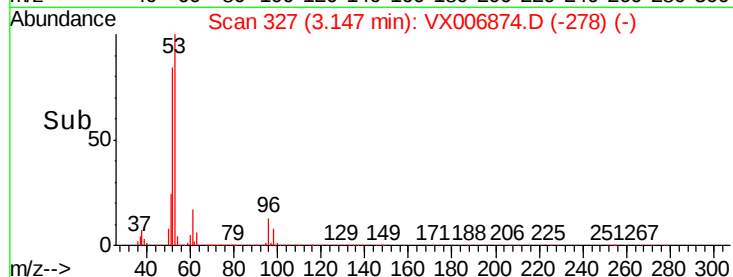
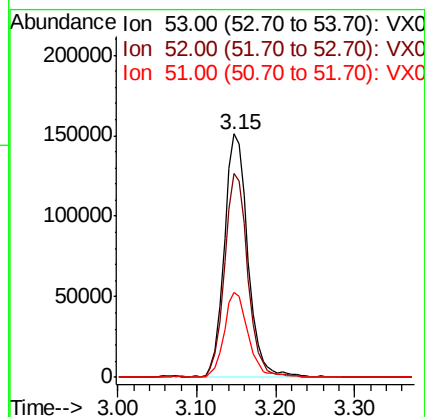
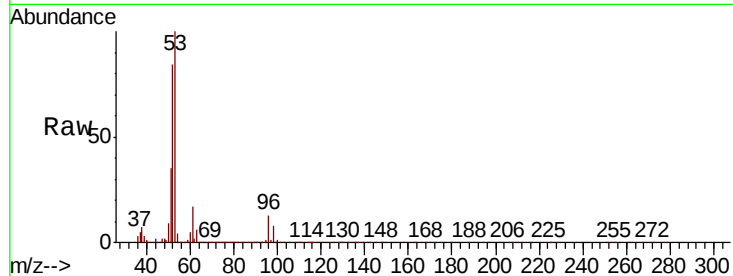
ClientSampleId :

VX0102MBS01

Tot Ion:	53	Resp:	310998
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 102.961 ug/l

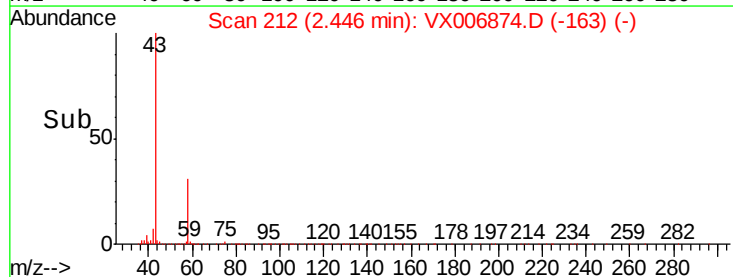
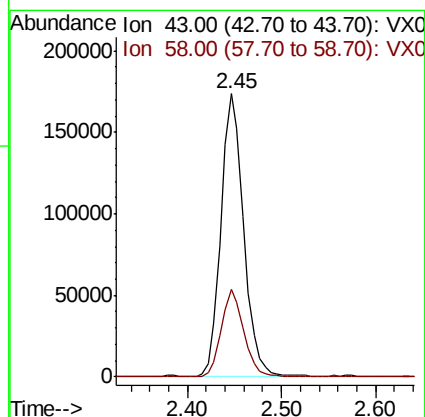
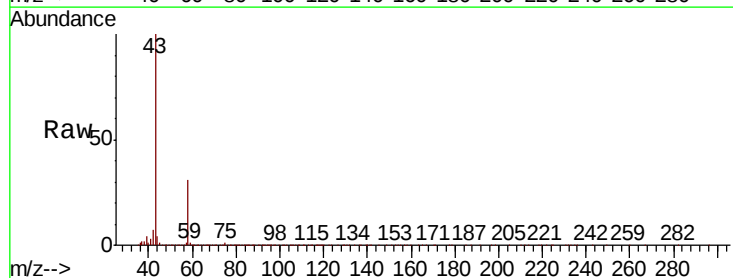
RT: 2.45 min Scan# 212

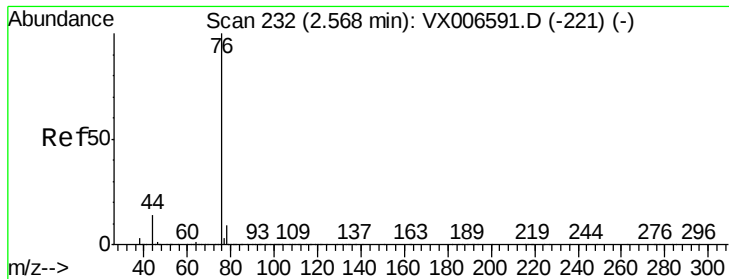
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	43	Resp:	288229
Ion Ratio		Lower	Upper
43	100		
58	30.8	25.0	37.6





#17

Carbon Disulfide

Concen: 14.787 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 76 Resp: 197668

Ion Ratio Lower Upper

76 100

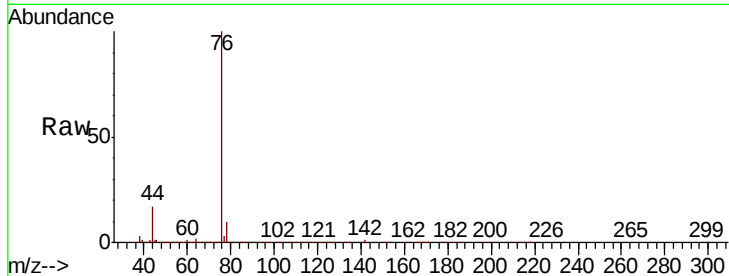
78 9.5 7.0 10.6

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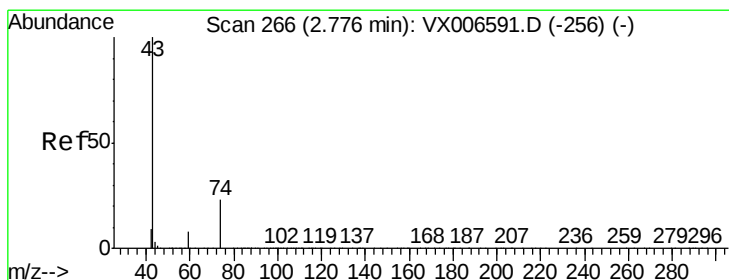
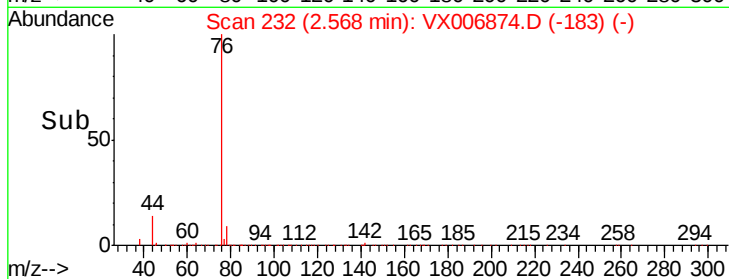
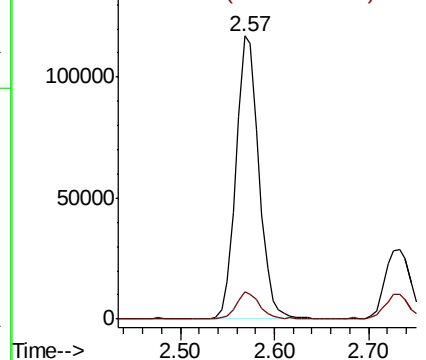
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.089 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006874.D

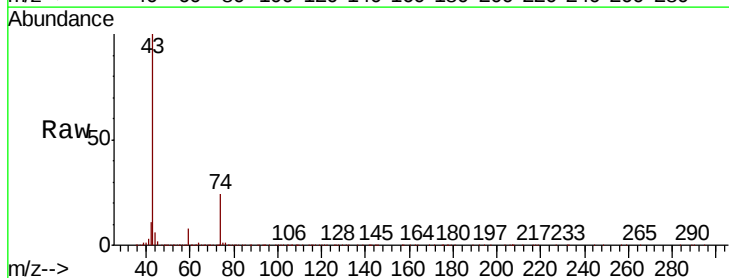
Acq: 02 Jan 2019 11:51

Tgt Ion: 43 Resp: 190059

Ion Ratio Lower Upper

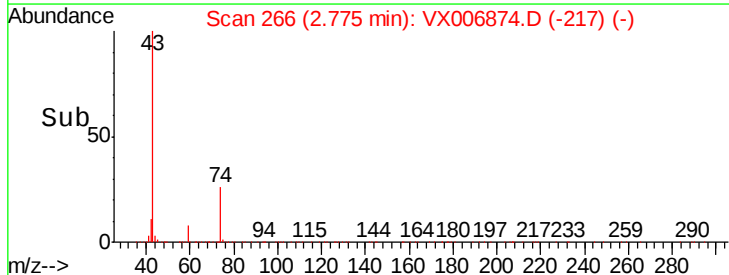
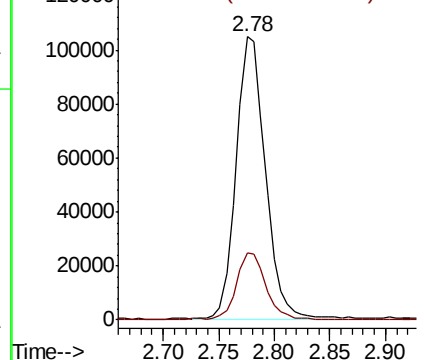
43 100

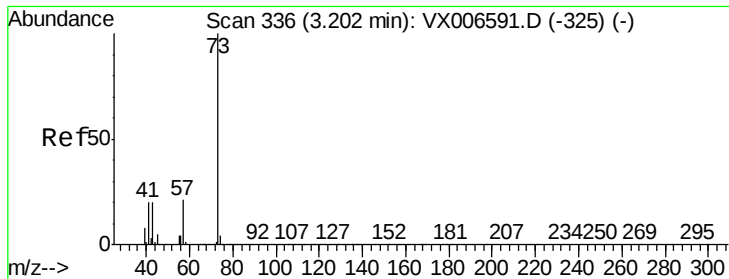
74 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





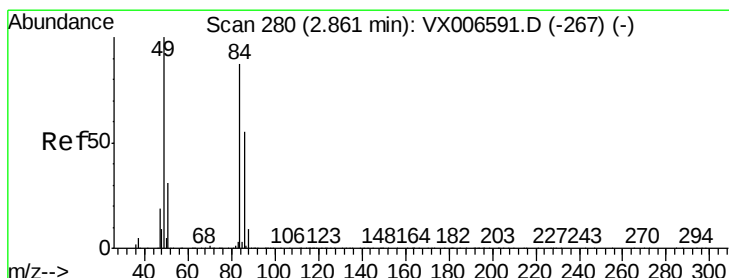
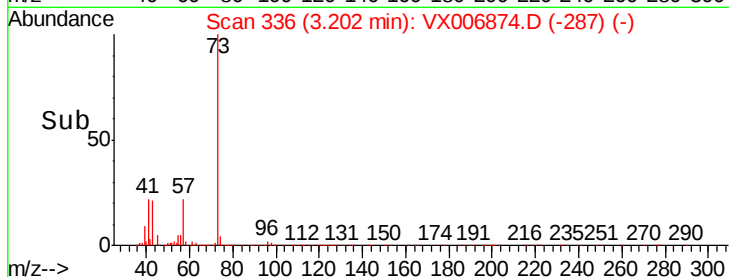
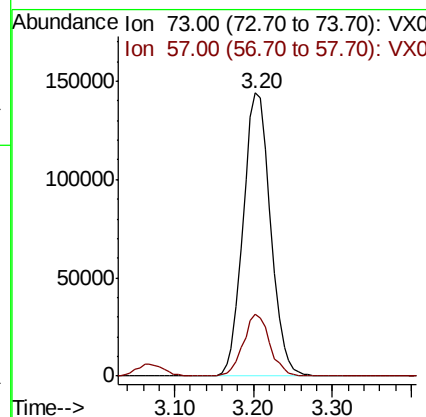
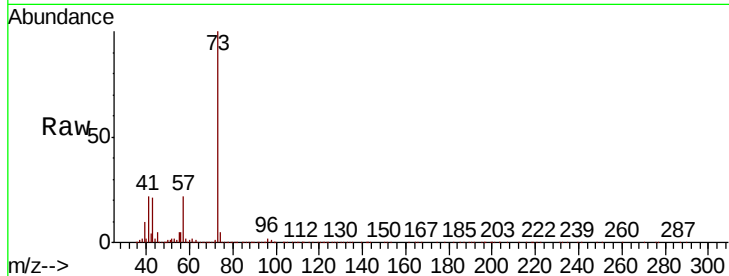
#19
Methvl tert-butvl Ether
Concen: 20.779 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

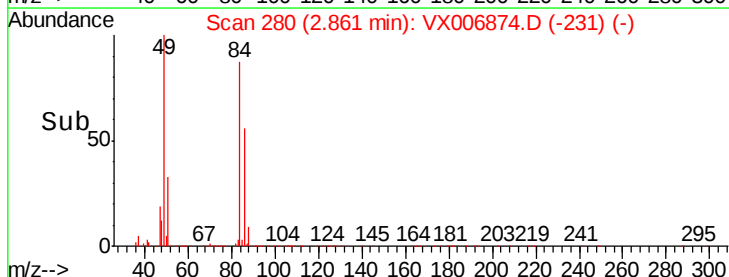
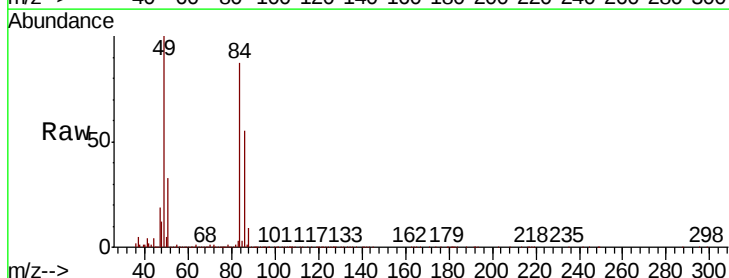
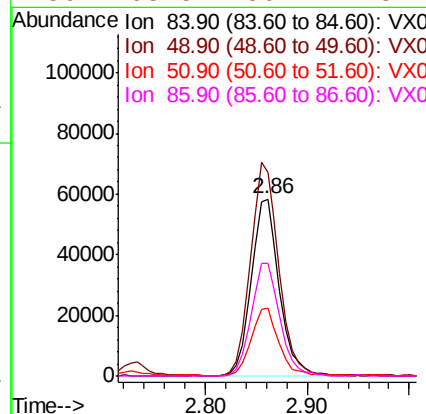
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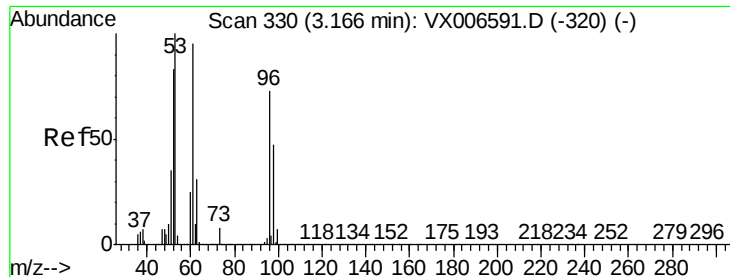
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#20
Methylene Chloride
Concen: 19.294 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.6	91.8	137.6
51	37.4	28.5	42.7
86	63.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.768 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

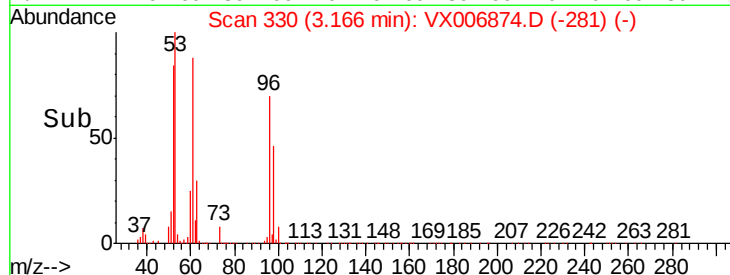
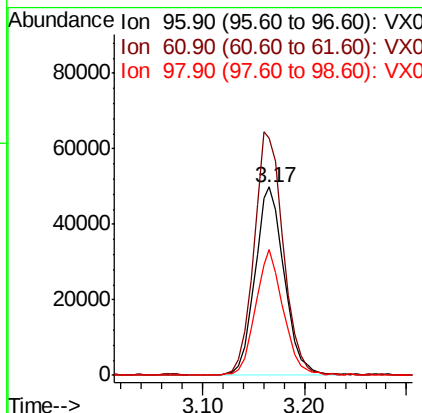
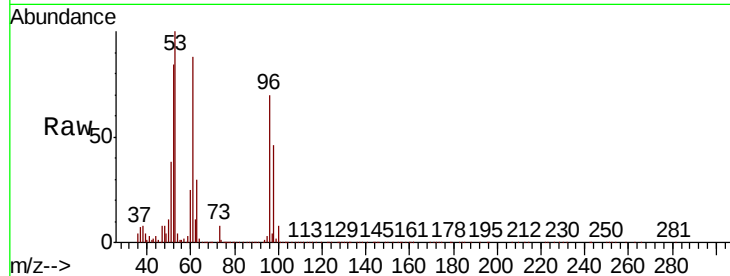
ClientSampleId :

VX0102MBS01

Tot Ion:	96	Resp:	99444
Ion	Ratio	Lower	Upper
96	100		
61	126.0	103.7	155.5
98	66.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.330 ug/l

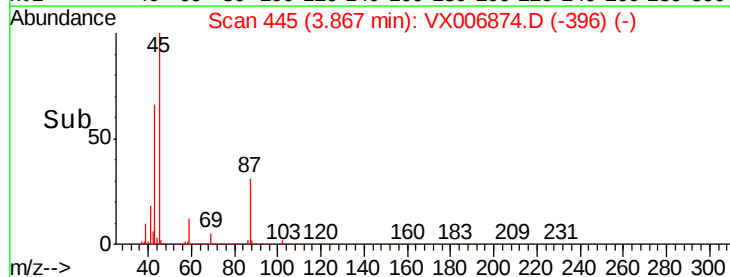
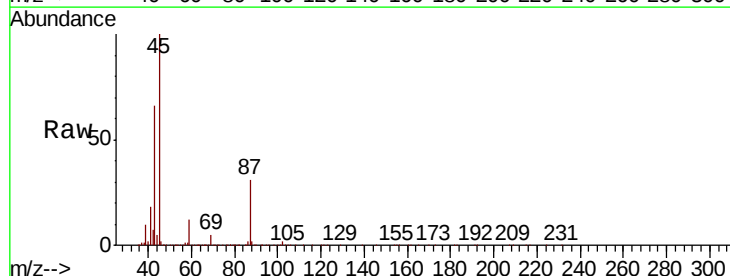
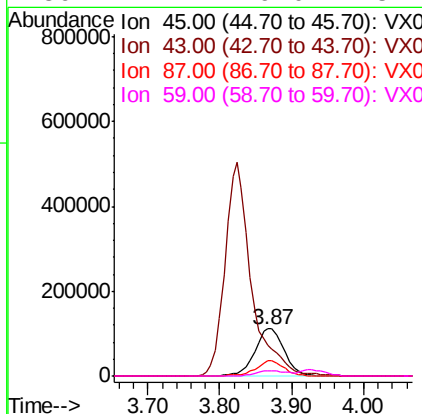
RT: 3.87 min Scan# 445

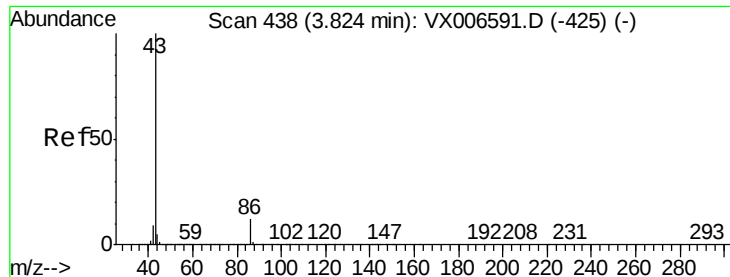
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	45	Resp:	316231
Ion	Ratio	Lower	Upper
45	100		
43	66.0	51.2	76.8
87	31.4	25.8	38.6
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 101.383 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 43 Resp: 1289933

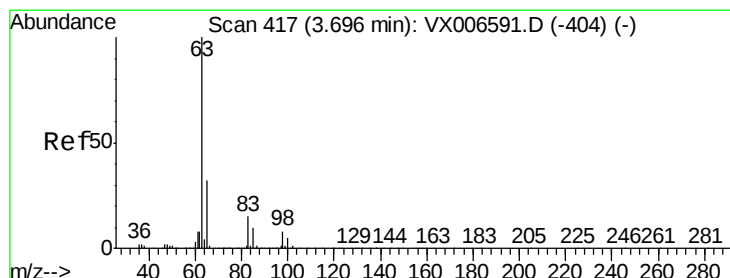
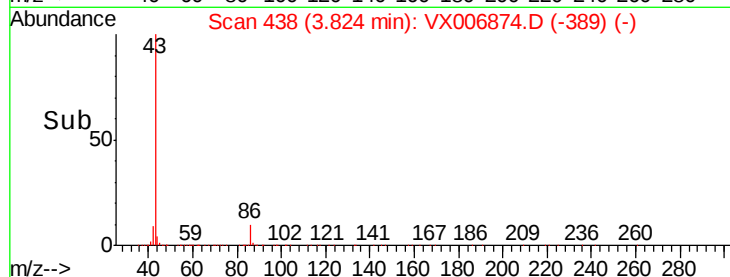
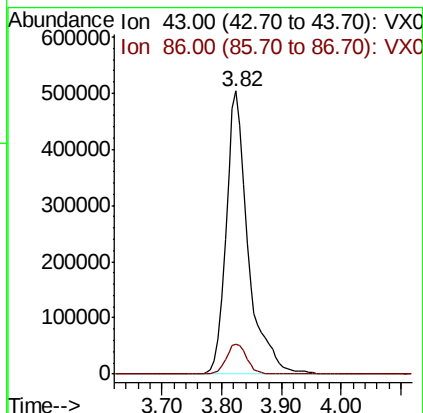
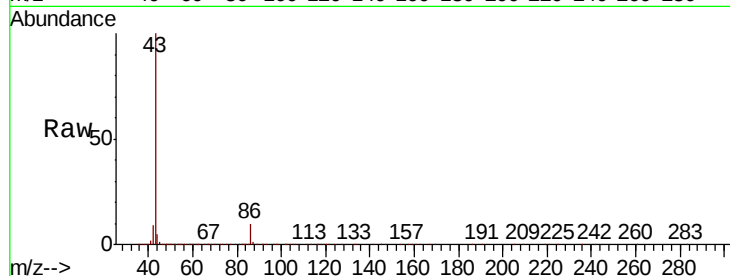
Ion Ratio Lower Upper

43 100

86 10.5 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.211 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

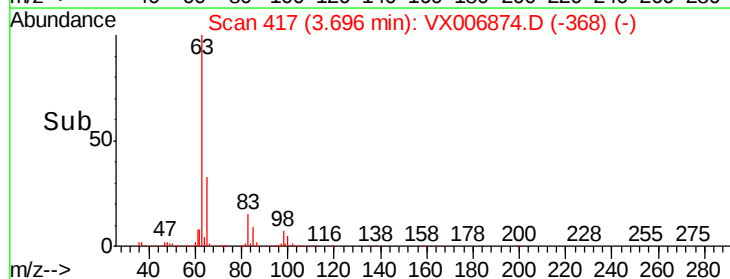
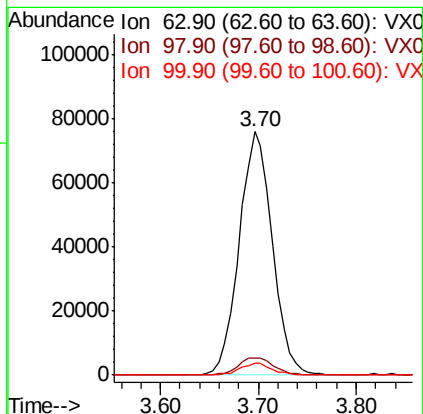
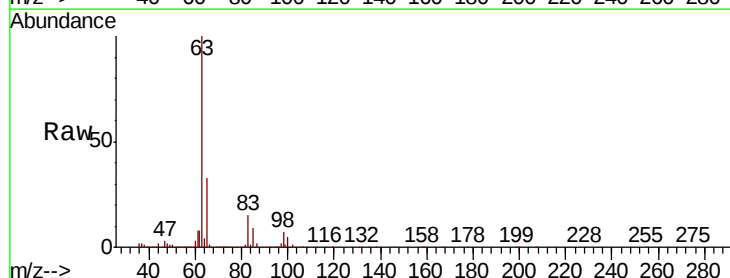
Tgt Ion: 63 Resp: 178380

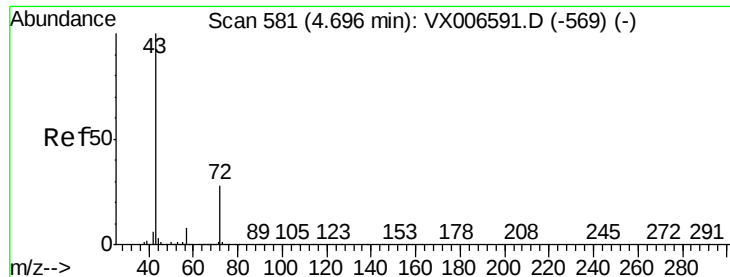
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 101.046 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 43 Resp: 397887

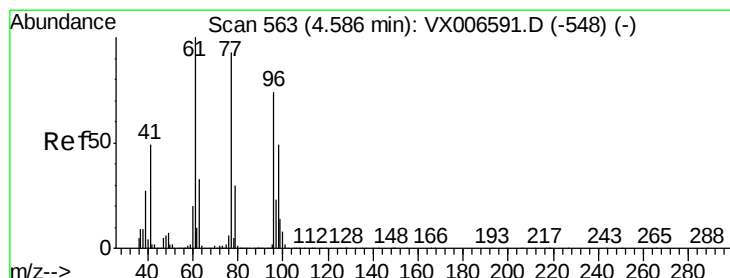
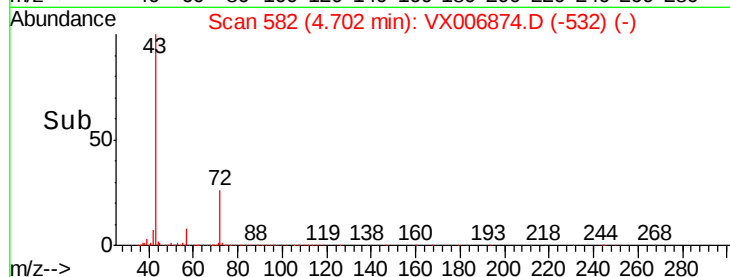
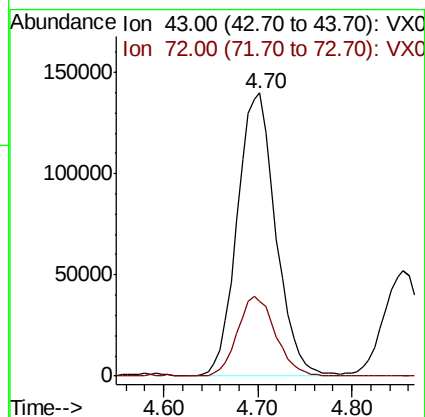
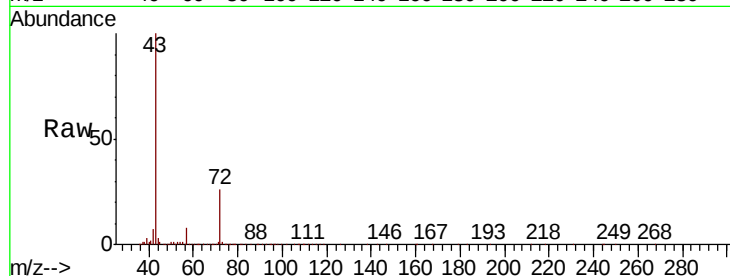
Ion Ratio Lower Upper

43 100

72 26.1 22.4 33.6

Manual Integrations
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1/3/2019 9:43:08 AM



#26

2,2-Dichloropropane

Concen: 19.050 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006874.D

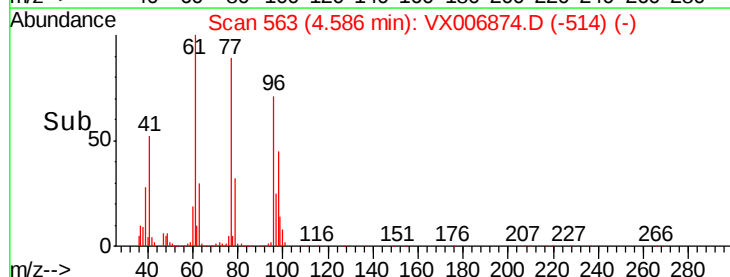
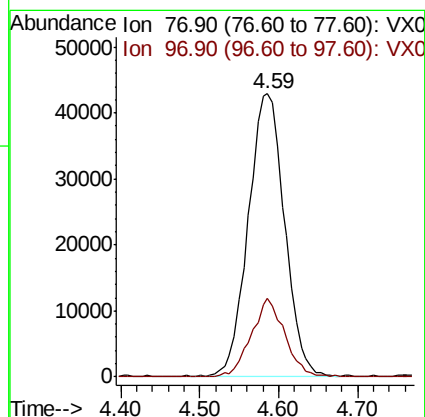
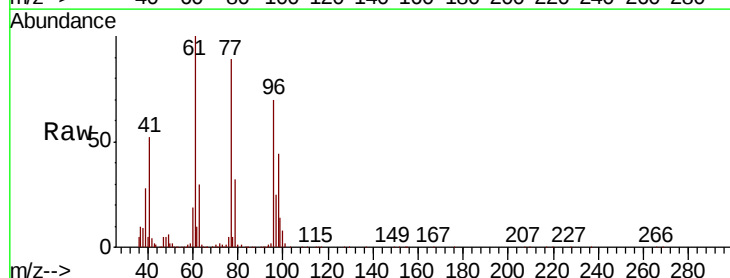
Acq: 02 Jan 2019 11:51

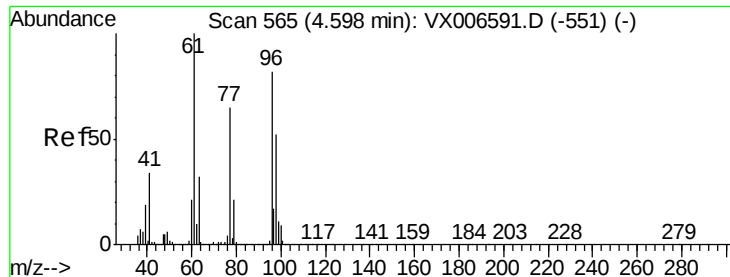
Tgt Ion: 77 Resp: 136640

Ion Ratio Lower Upper

77 100

97 25.8 12.4 37.4





#27

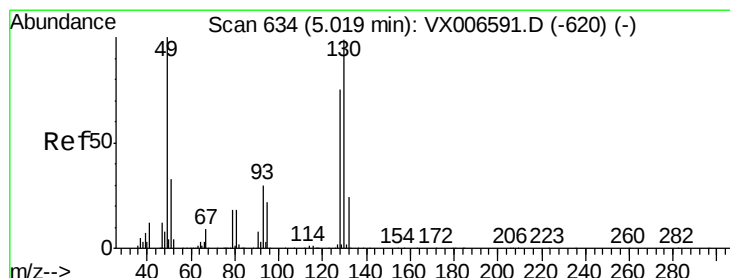
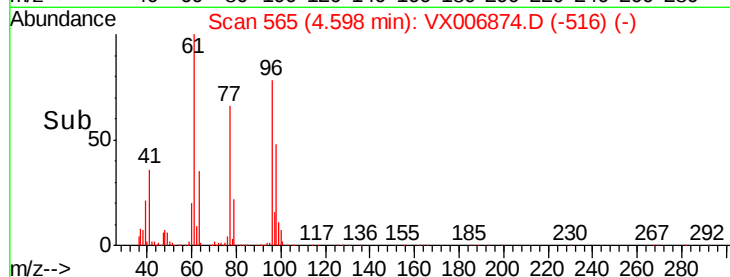
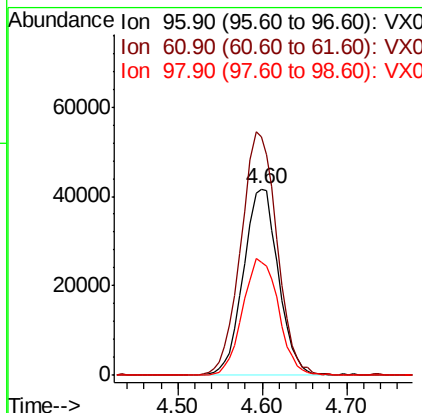
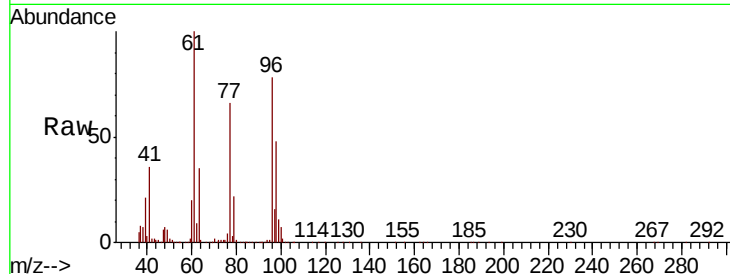
cis-1,2-Dichloroethene
Concen: 19.021 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117459		
61	133.3	0.0	258.6	
98	64.2	0.0	132.0	

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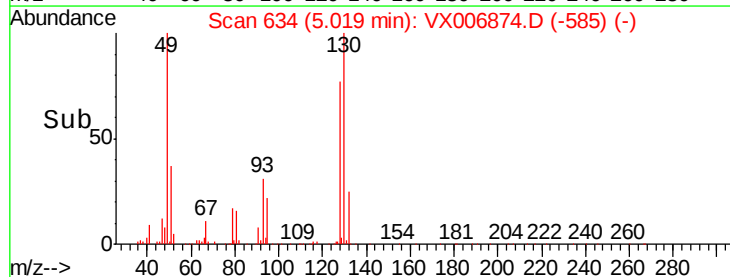
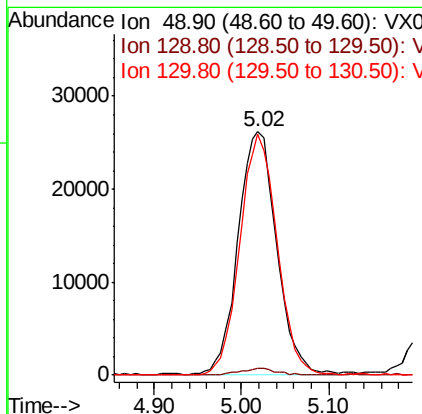
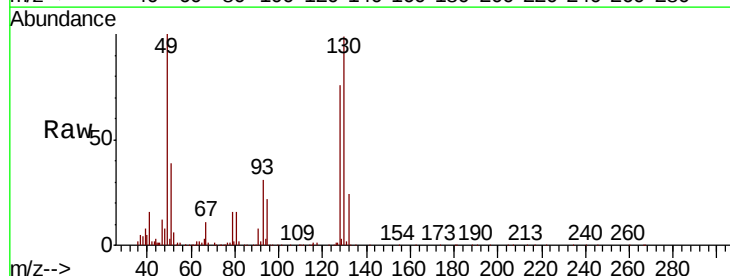
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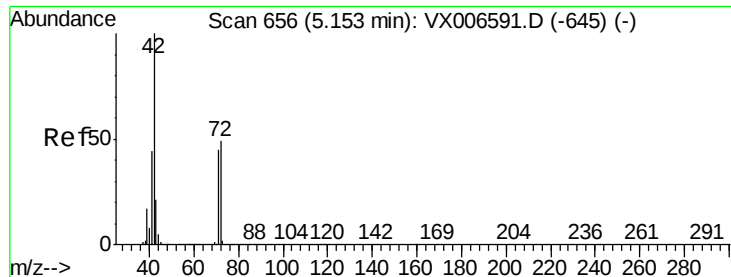


#28

Bromochloromethane
Concen: 19.290 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79963		
129	2.6	0.0	5.4	
130	95.9	77.7	116.5	





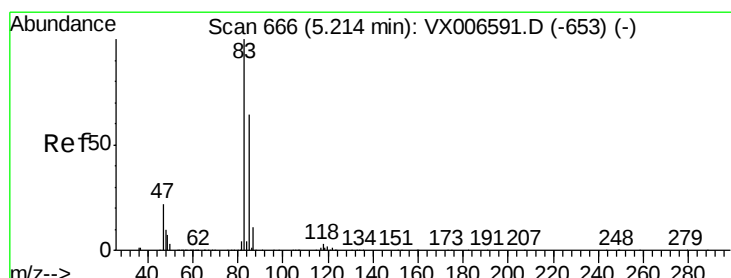
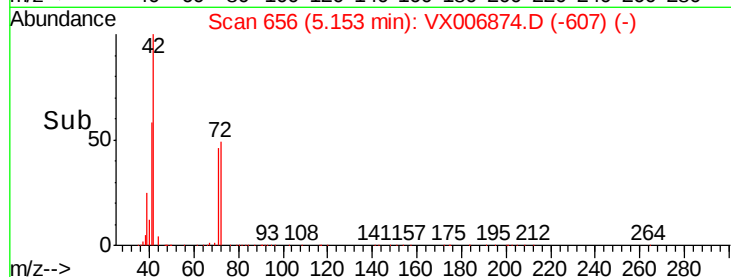
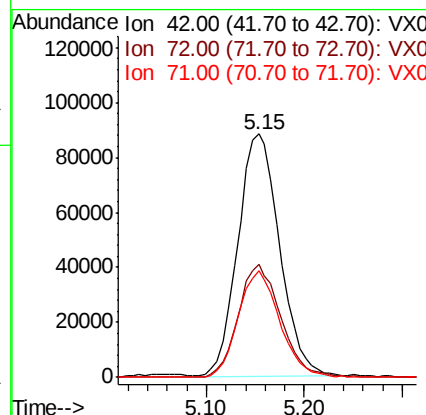
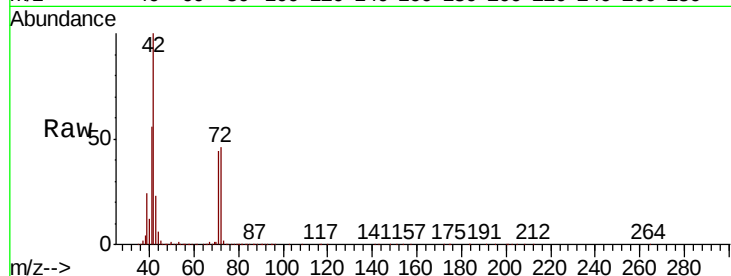
#29
Tetrahydrofuran
Concen: 100.704 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.9	58.3
71	44.2	36.2	54.4

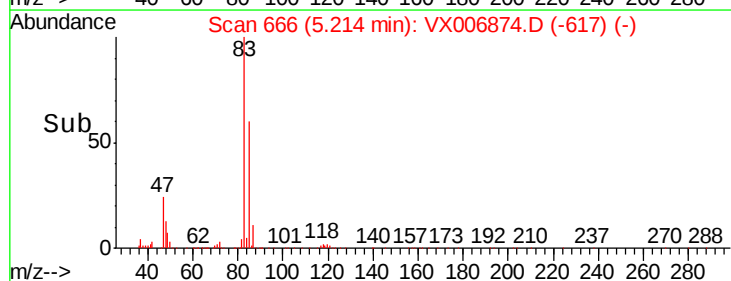
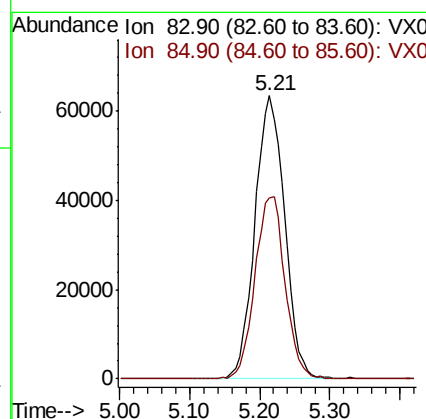
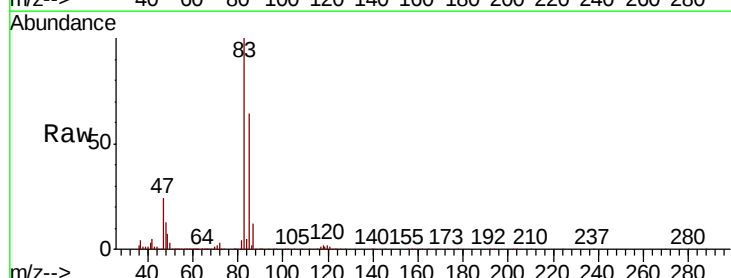
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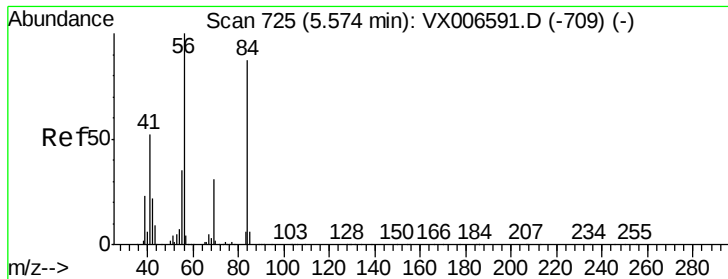
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#30
Chloroform
Concen: 19.537 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8





#31

Cyclohexane

Concen: 16.844 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

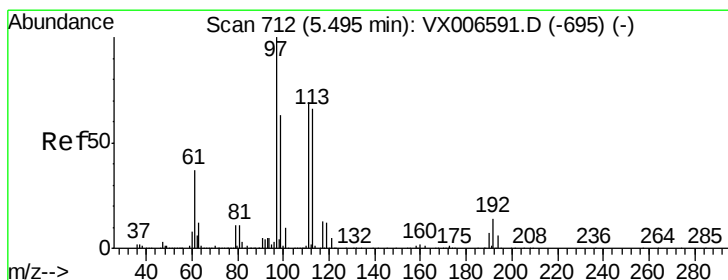
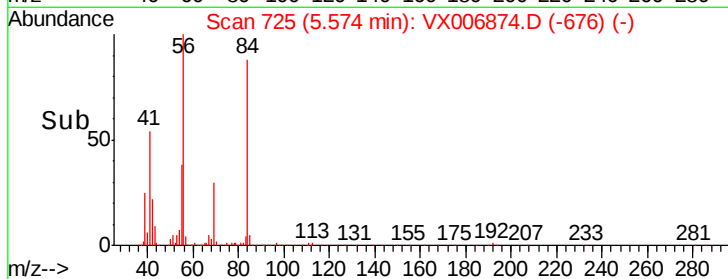
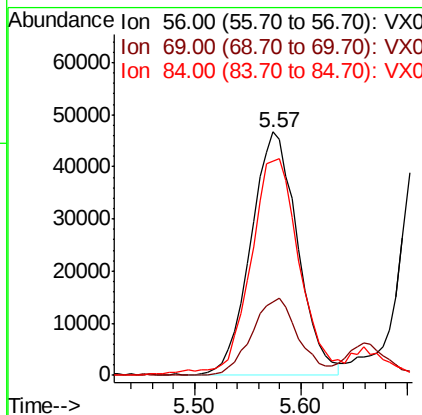
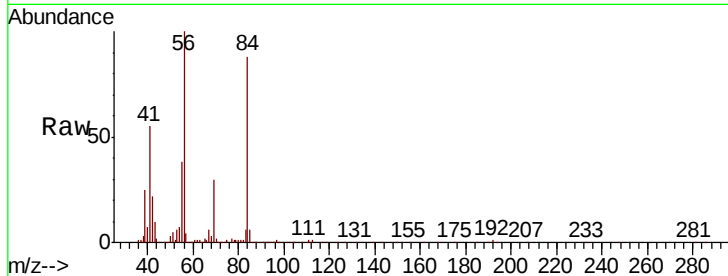
ClientSampleId :

VX0102MBS01

Tot Ion:	56	Resp:	142094
Ion Ratio	Lower	Upper	
56	100		
69	29.8	24.4	36.6
84	86.1	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.525 ug/l

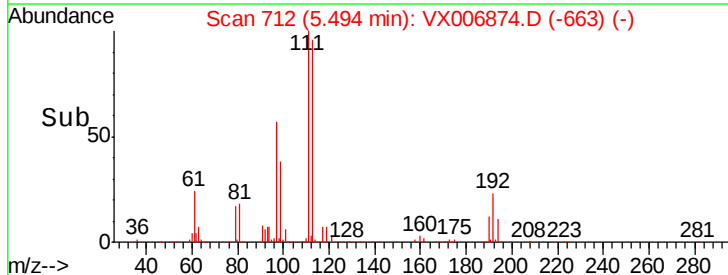
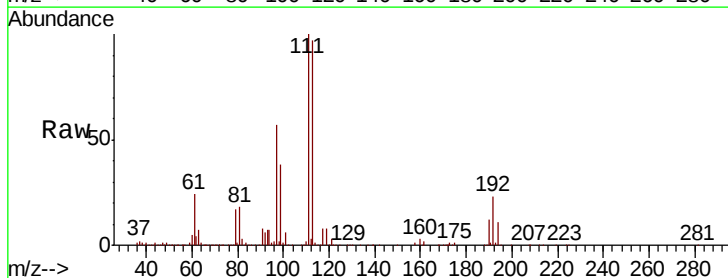
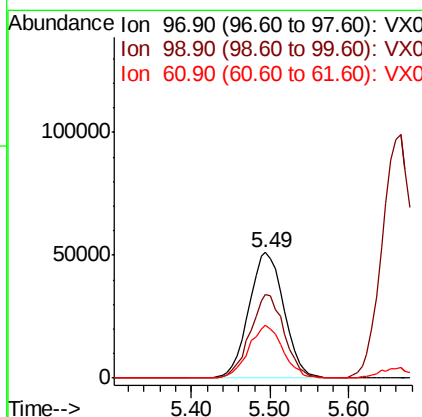
RT: 5.49 min Scan# 712

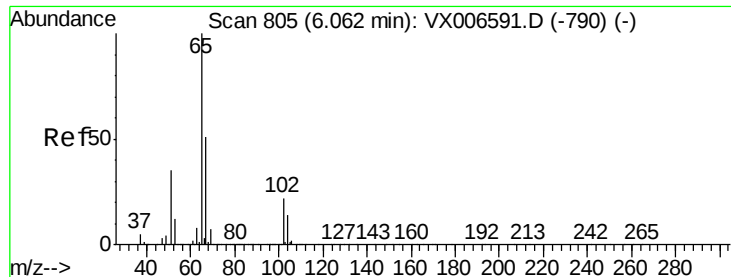
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	97	Resp:	158529
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	40.7	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.630 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0102MBS01

Tot Ion: 65 Resp: 296308

Ion Ratio Lower Upper

65 100

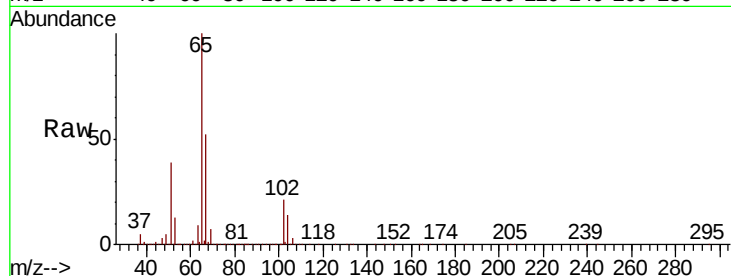
67 53.1 0.0 105.0

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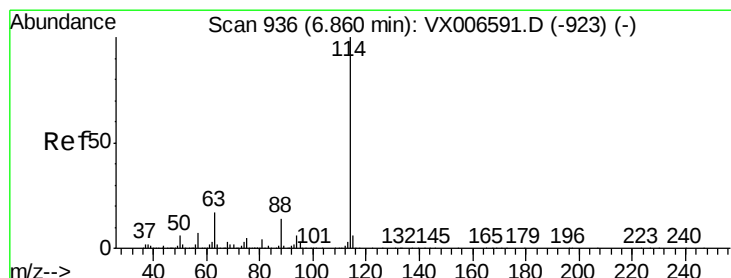
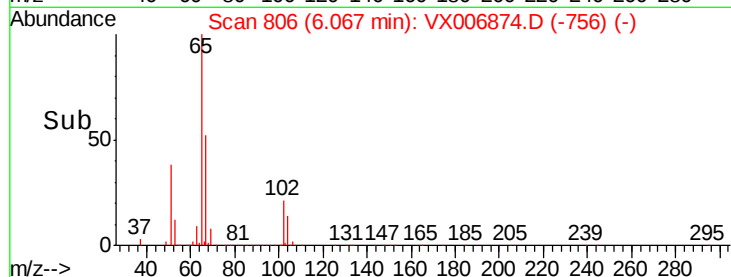
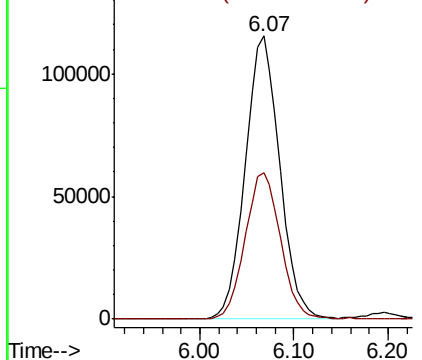
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

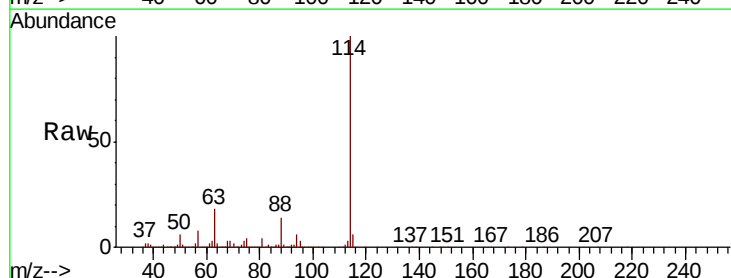
Tgt Ion: 114 Resp: 833943

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

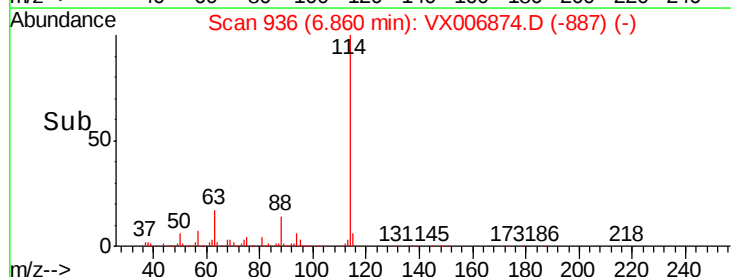
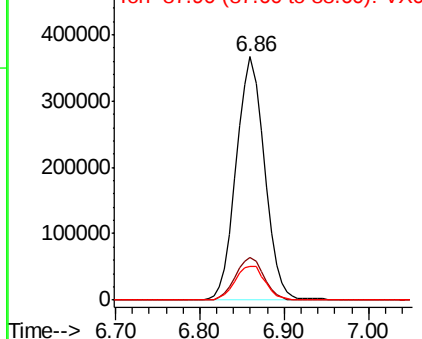
88 13.9 0.0 28.8

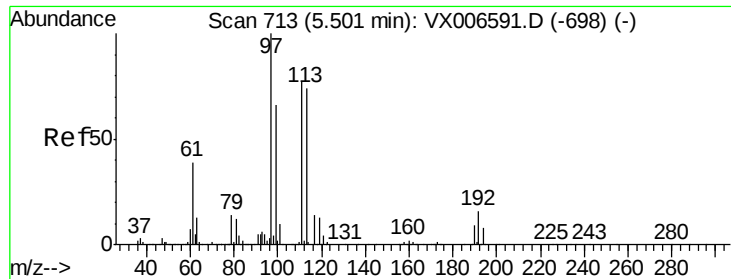


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.446 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

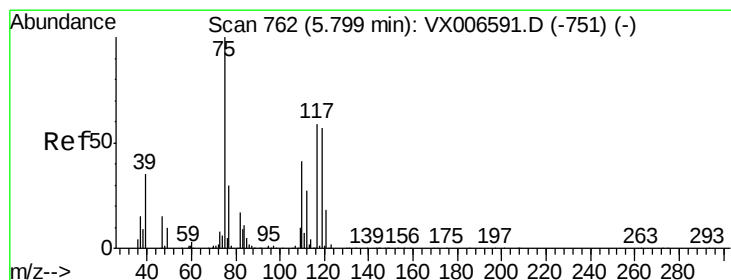
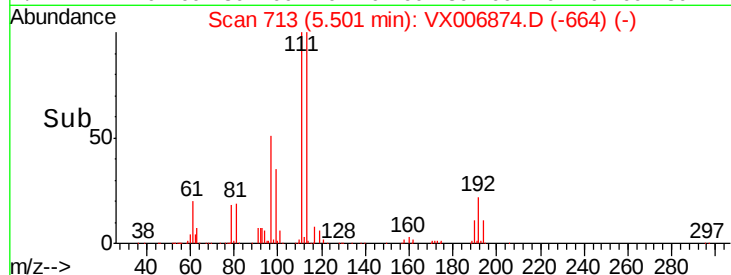
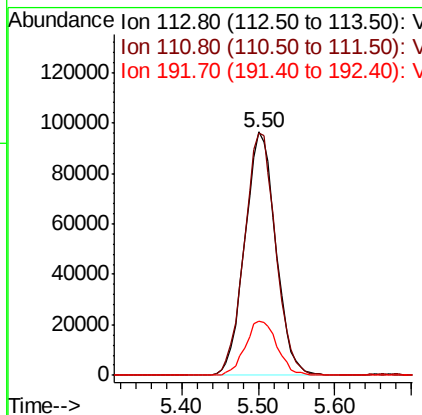
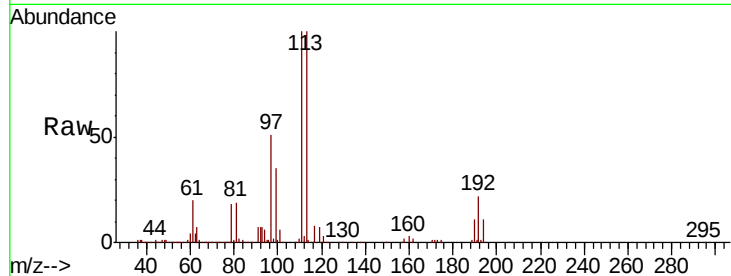
ClientSampleId :

VX0102MBS01

Tot Ion:	113	Resp:	271313
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.6	122.4
192	23.0	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 18.703 ug/l

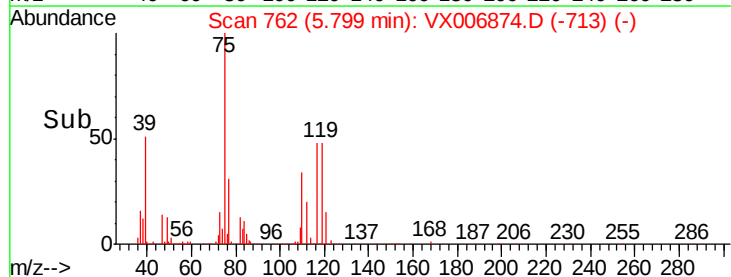
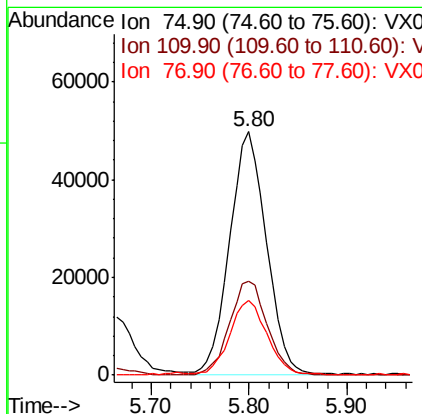
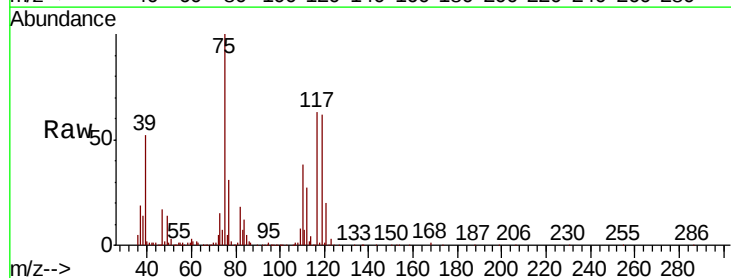
RT: 5.80 min Scan# 762

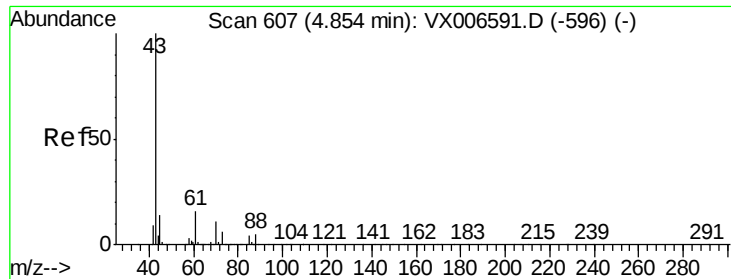
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	75	Resp:	129179
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.2	60.5
77	31.8	24.8	37.2





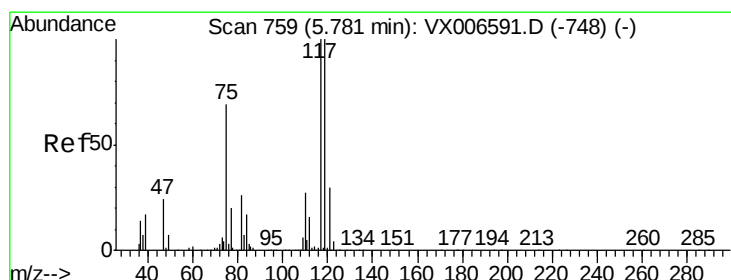
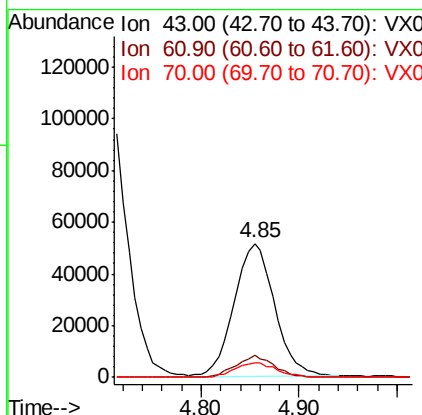
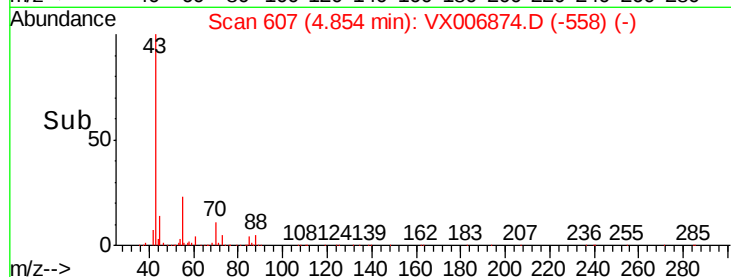
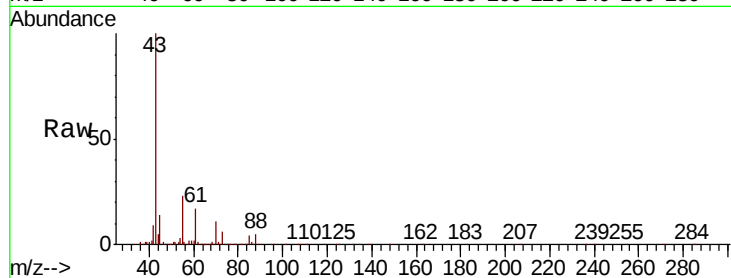
#37
Ethyl Acetate
Concen: 20.585 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	43	Resp	147980
Ion Ratio	Lower	Upper	
43	100		
61	15.9	11.9	17.9
70	11.7	9.7	14.5

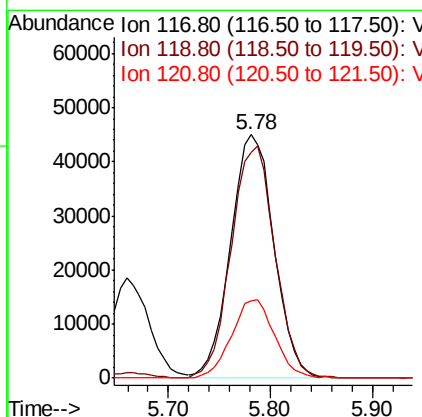
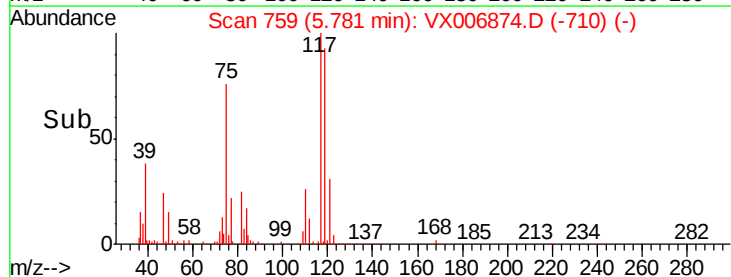
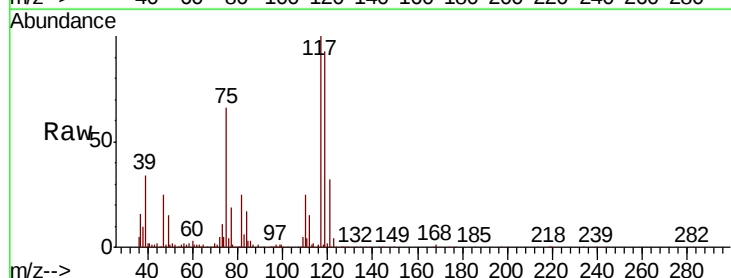
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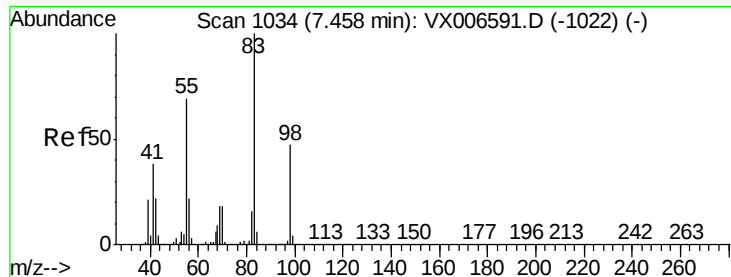
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#38
Carbon Tetrachloride
Concen: 19.835 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	117	Resp	133141
Ion Ratio	Lower	Upper	
117	100		
119	92.4	79.4	119.2
121	31.6	24.0	36.0





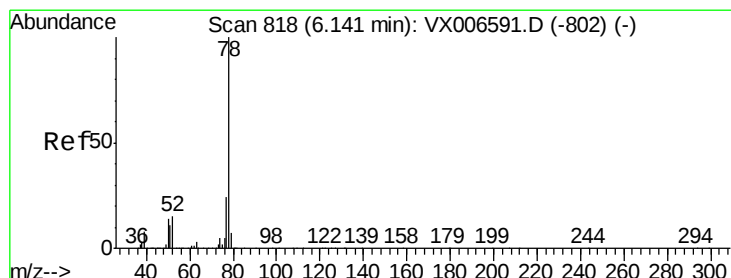
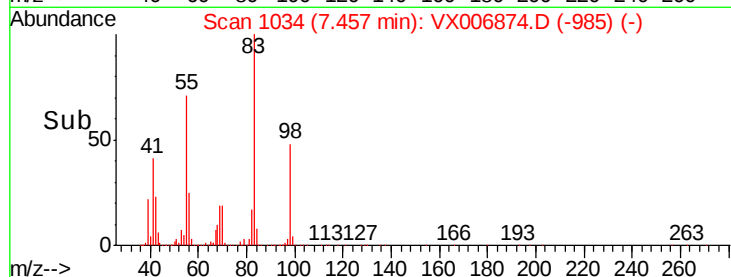
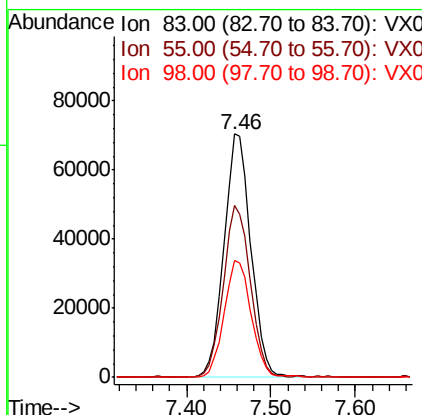
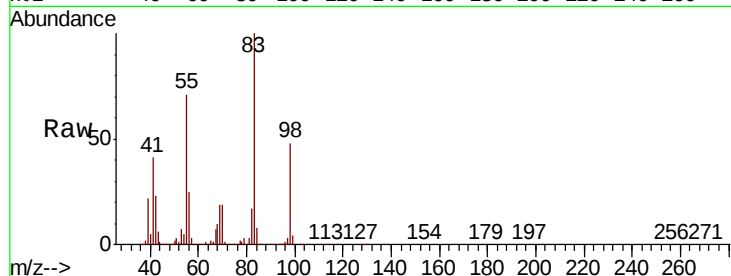
#39
Methvlcvclohexane
Concen: 16.944 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.9	82.3
98	47.7	37.9	56.9

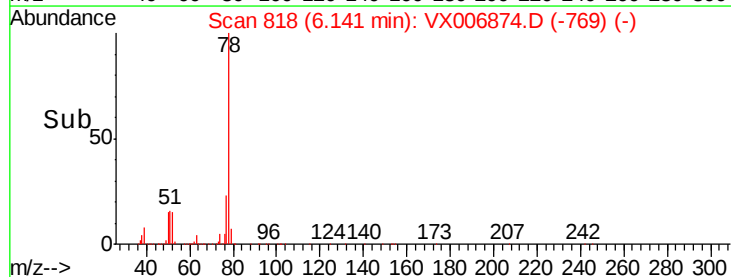
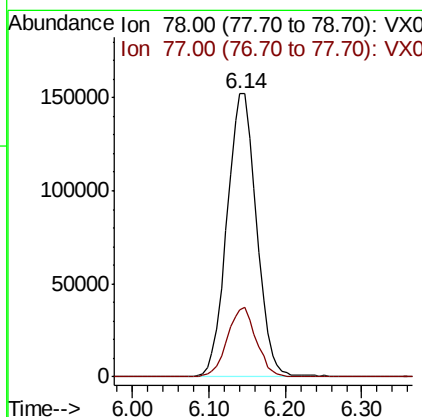
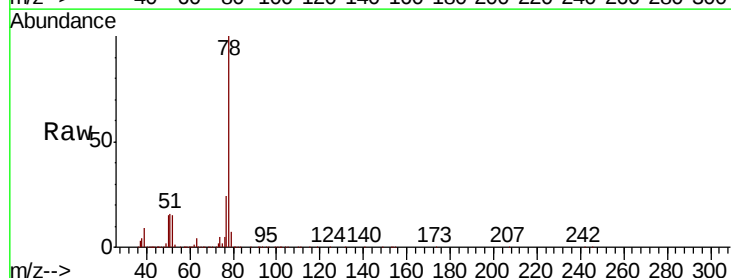
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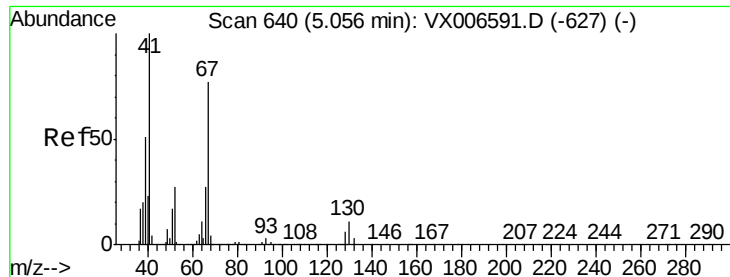
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#40
Benzene
Concen: 19.303 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 22.288 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

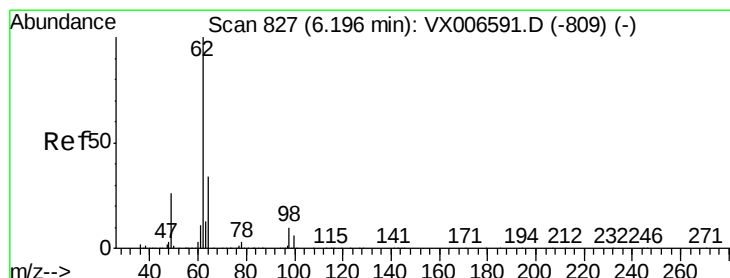
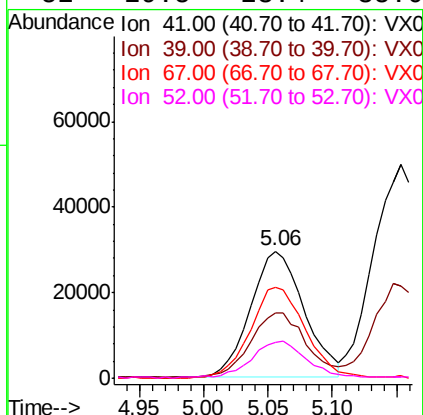
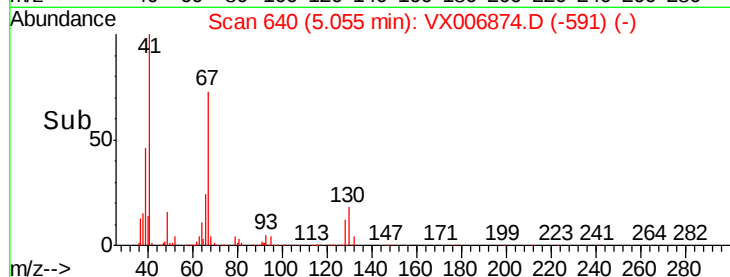
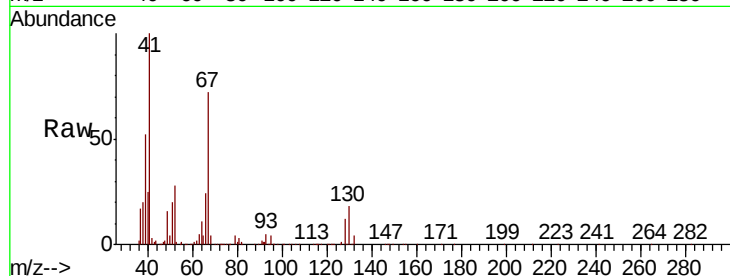
ClientSampleId :

VX0102MBS01

Tot Ion:	41	Resp:	85066
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.8	64.2
67	74.3	62.1	93.1
52	29.5	23.4	35.0

Manual Integrations
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1/3/2019 9:43:08 AM



#42

1,2-Dichloroethane

Concen: 19.900 ug/l

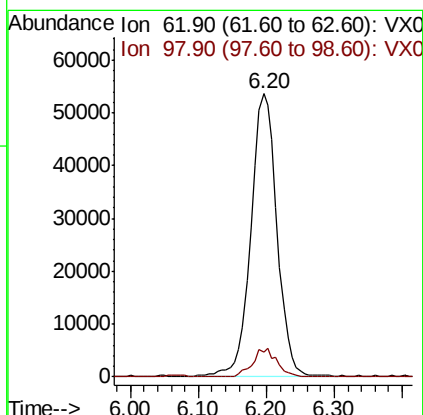
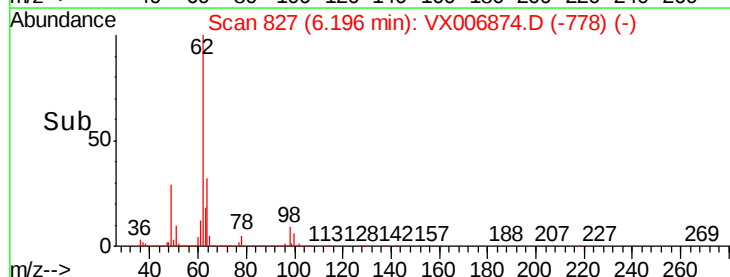
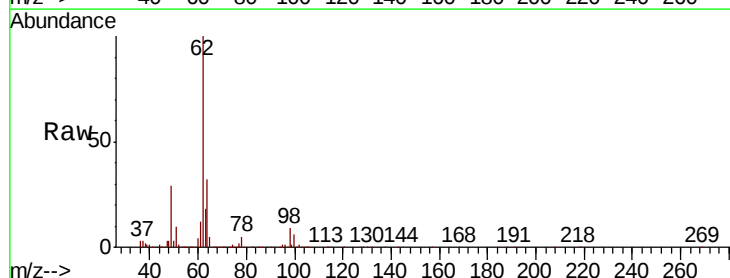
RT: 6.20 min Scan# 827

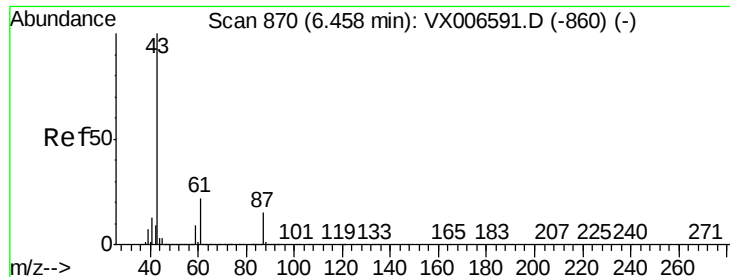
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	62	Resp:	142365
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

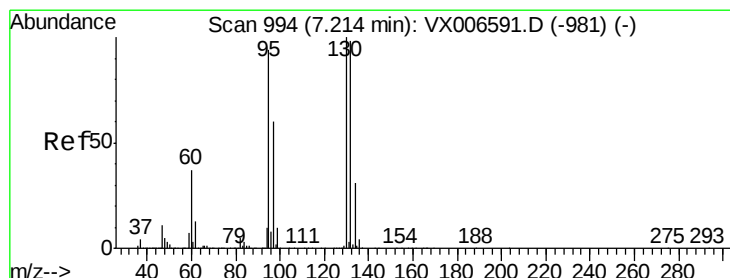
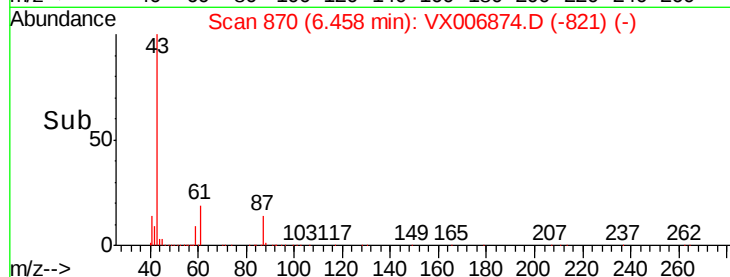
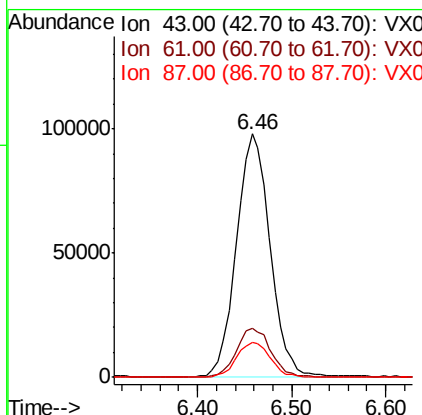
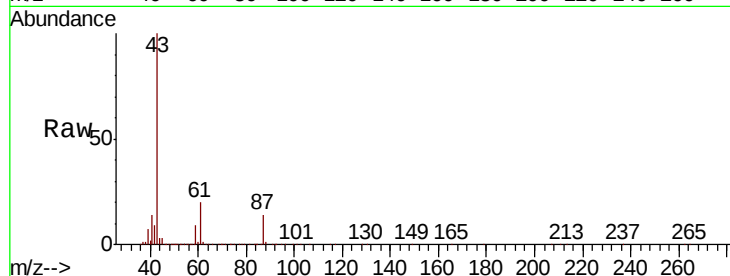
Isopropyl Acetate
 Concen: 22.181 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	14.7	12.4	18.6

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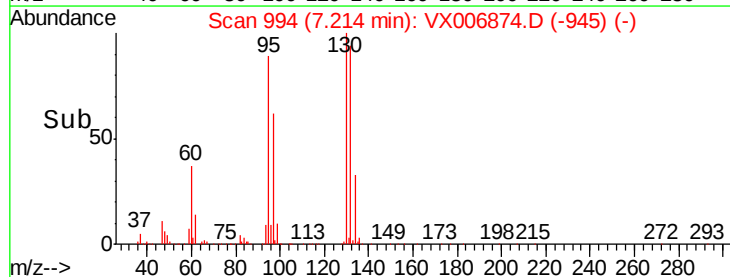
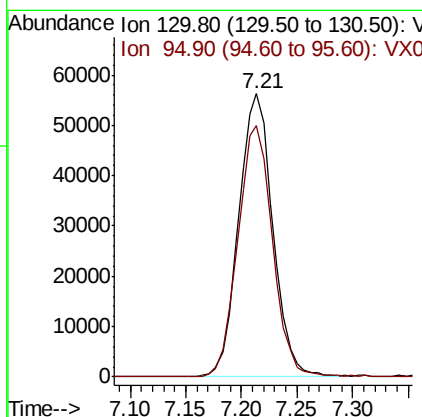
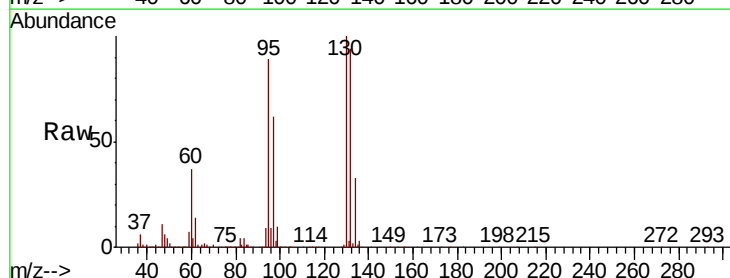
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#44

Trichloroethene
 Concen: 18.844 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.843 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 63 Resp: 101381

Ion Ratio Lower Upper

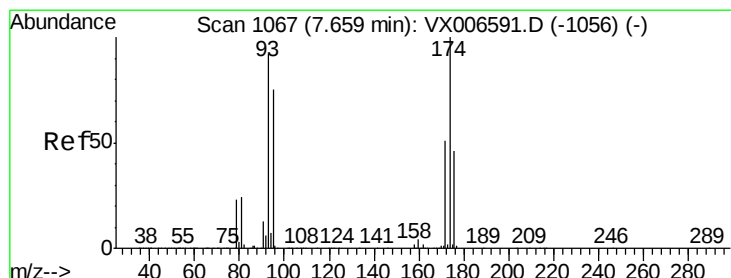
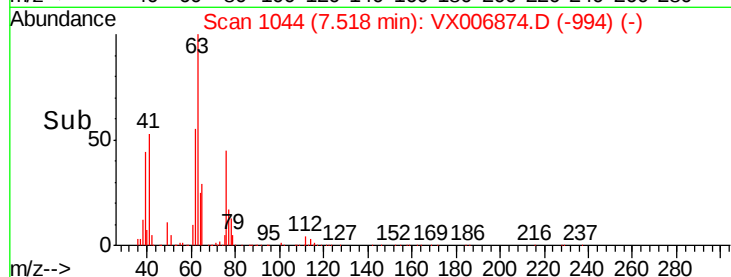
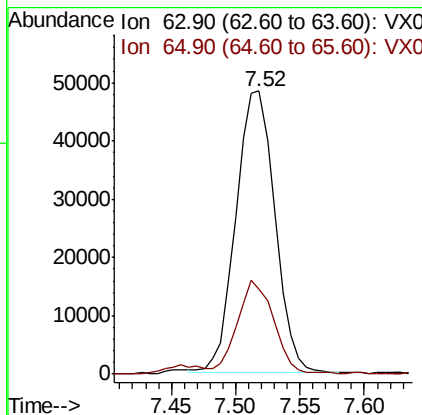
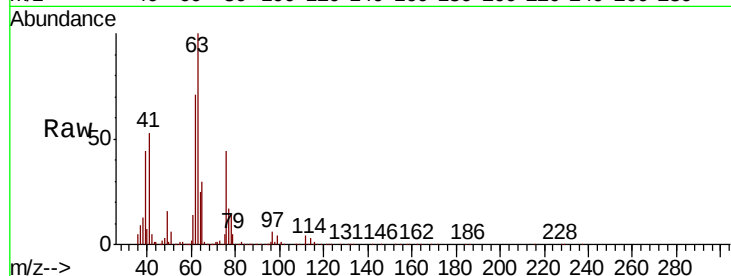
63 100

65 30.0 25.4 38.0

Manual Integrations
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#46

Dibromomethane

Concen: 19.698 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

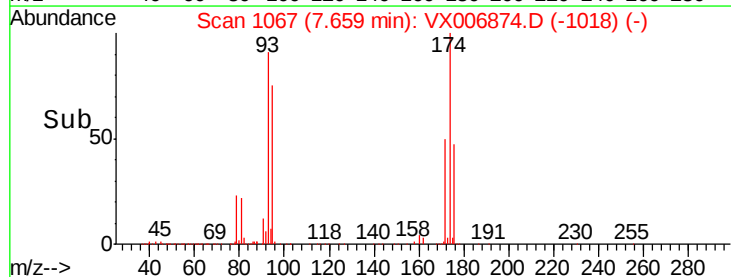
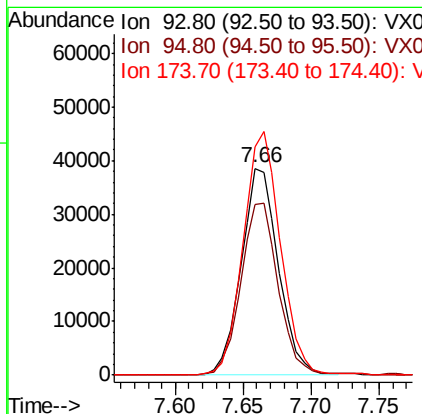
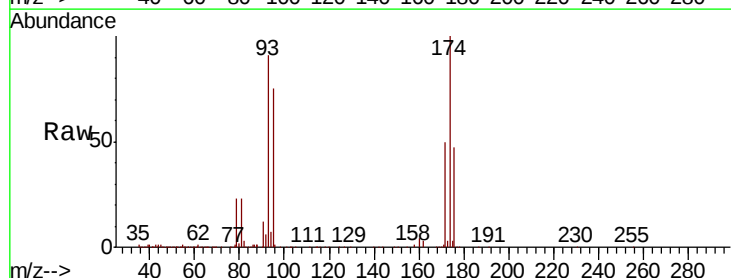
Tgt Ion: 93 Resp: 74027

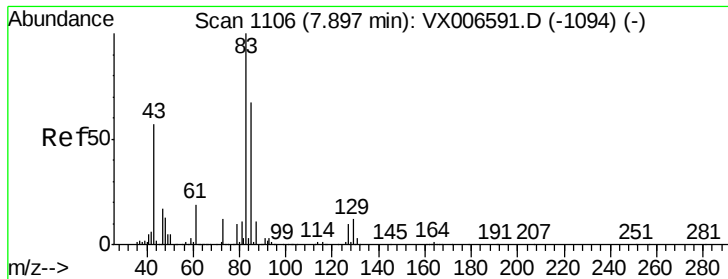
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 118.0 91.0 136.4





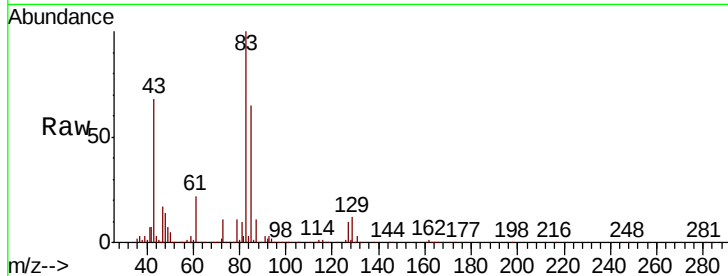
#47
Bromodichloromethane
Concen: 20.238 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

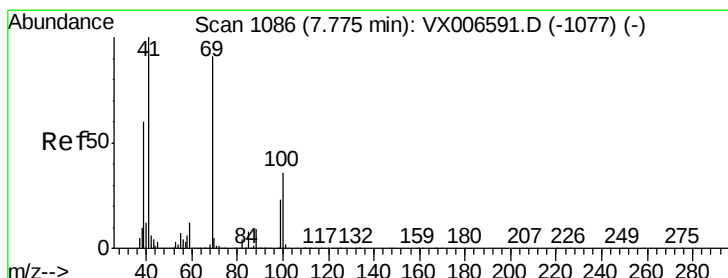
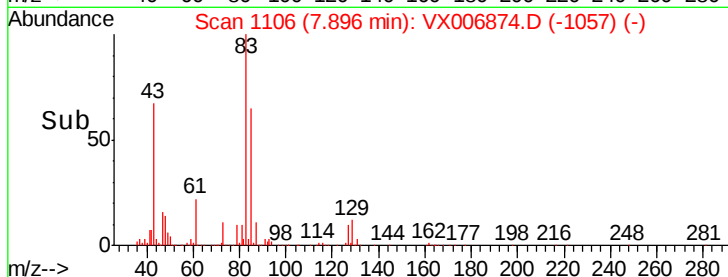
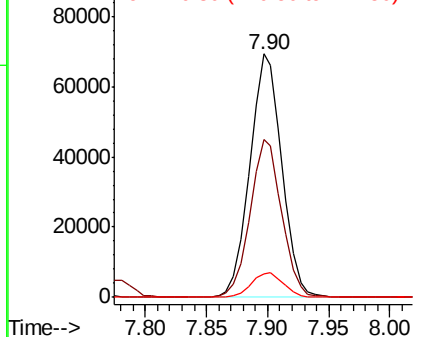
Tot Ion	Ratio	Resp	Lower	Upper
83	100	126269		
85	64.5	53.2	79.8	
127	9.7	7.8	11.6	

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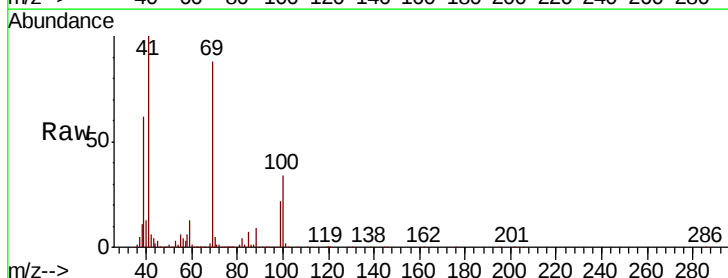


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

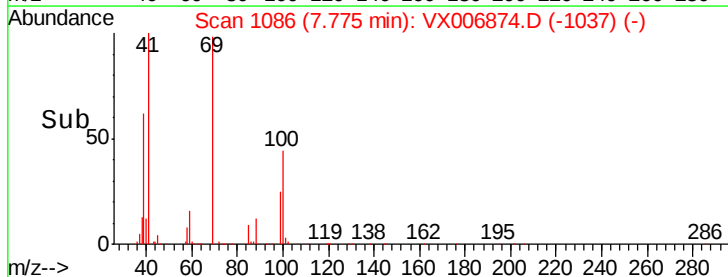
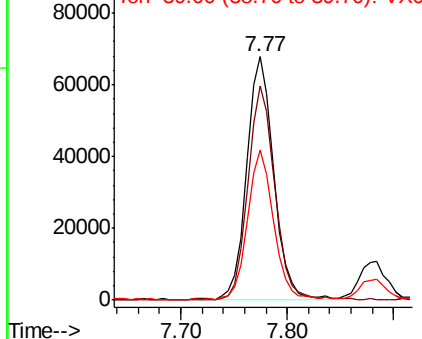


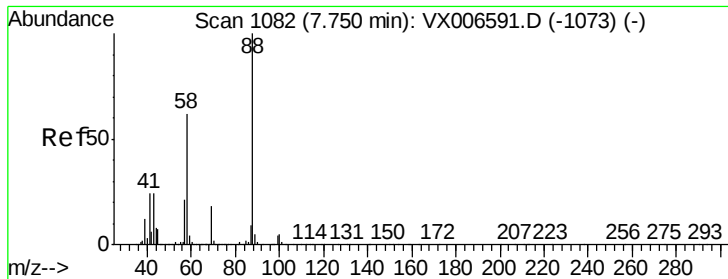
#48
Methyl methacrylate
Concen: 21.785 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	121177		
69	88.0	72.4	108.6	
39	58.8	45.8	68.8	



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 390.382 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

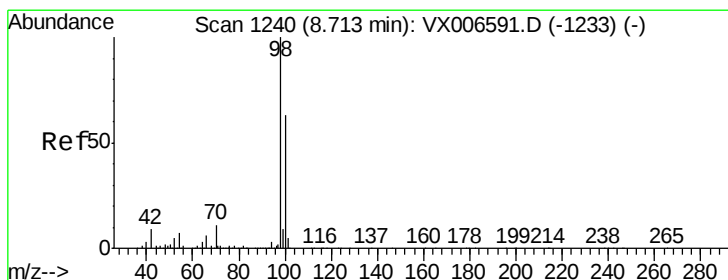
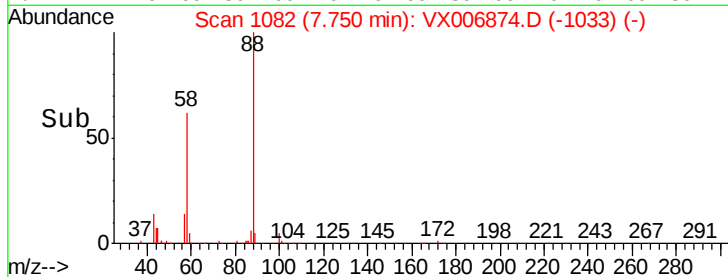
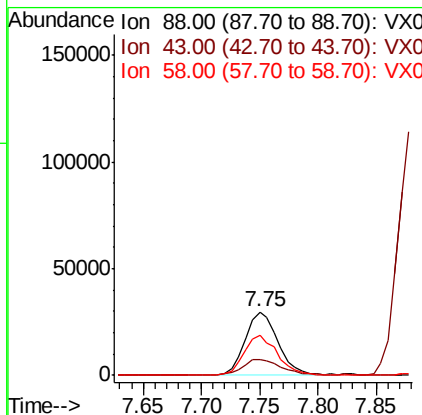
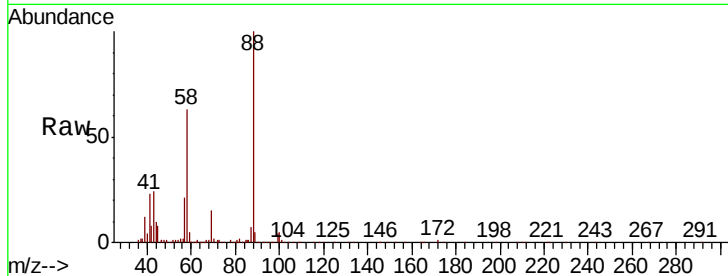
ClientSampleId :

VX0102MBS01

Tot Ion:	88	Resp:	58579
Ion	Ratio	Lower	Upper
88	100		
43	30.6	22.2	33.4
58	63.2	51.0	76.4

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#50

Toluene-d8

Concen: 49.078 ug/l

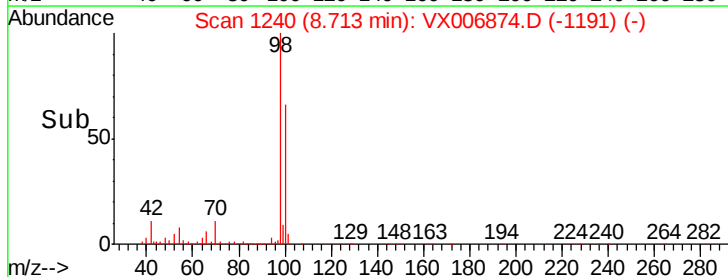
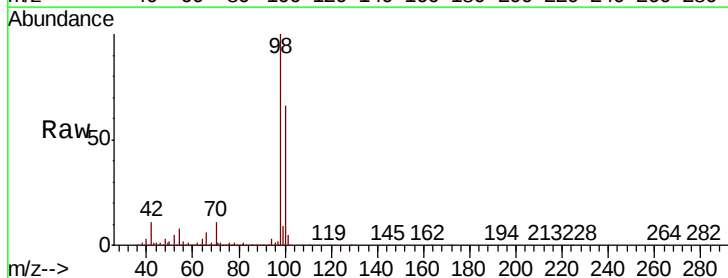
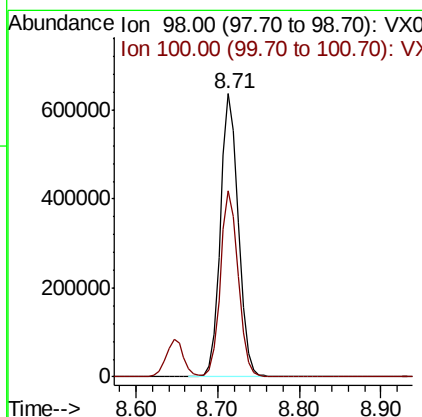
RT: 8.71 min Scan# 1240

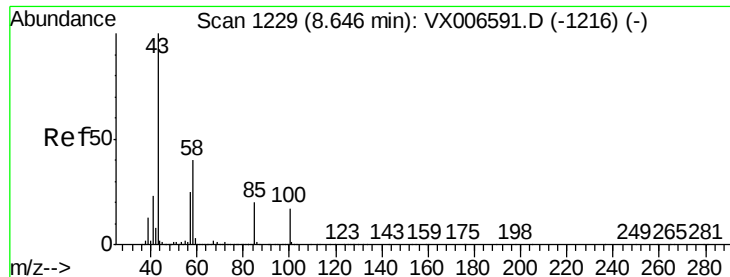
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	98	Resp:	975770
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0





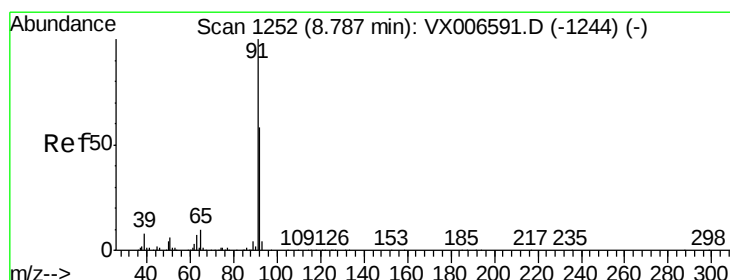
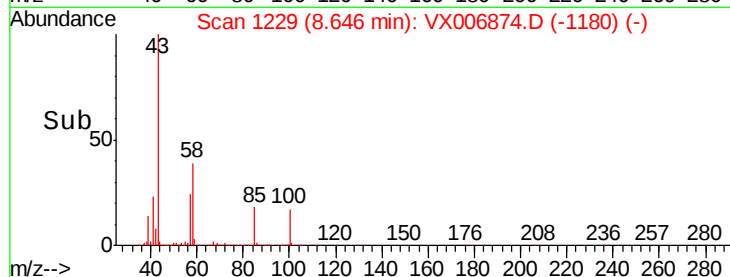
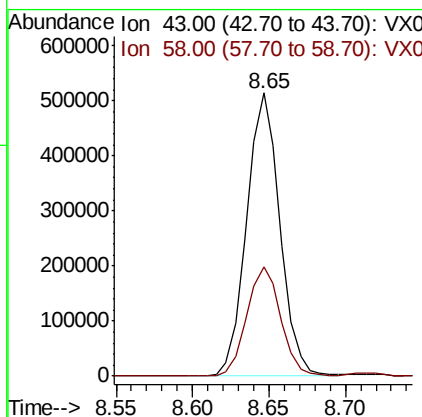
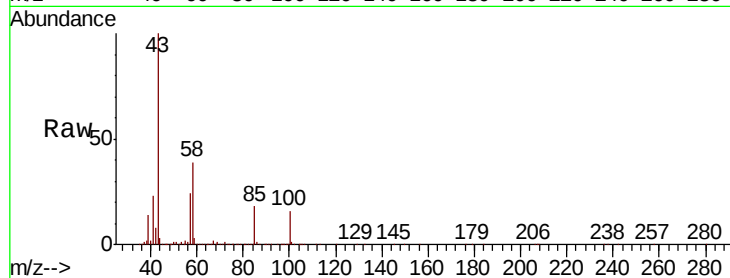
#51
4-Methyl-2-Pentanone
Concen: 111.456 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.6

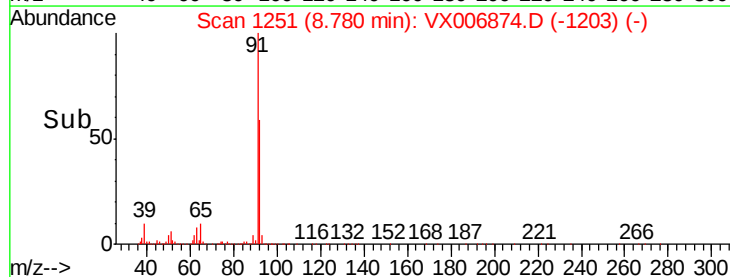
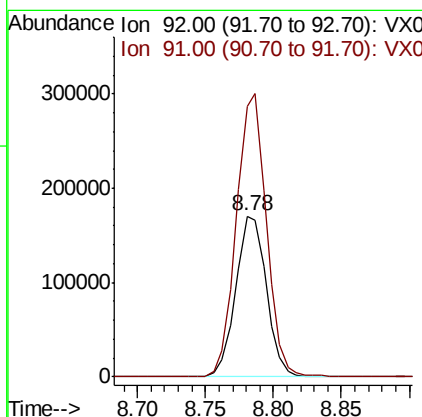
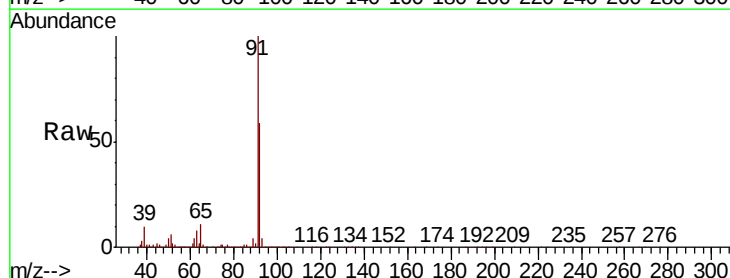
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#52
Toluene
Concen: 19.744 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	137.6	206.4





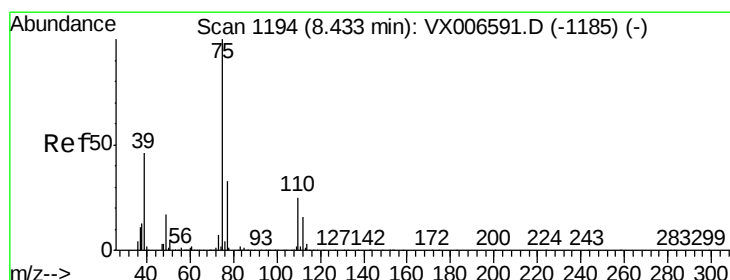
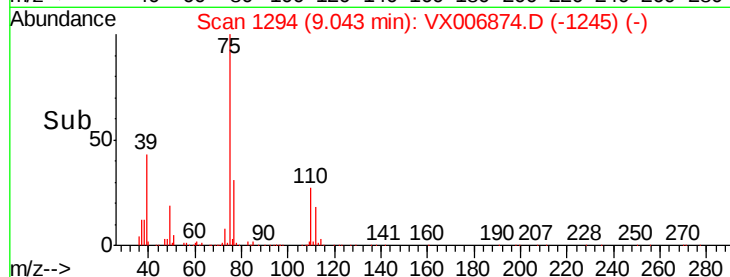
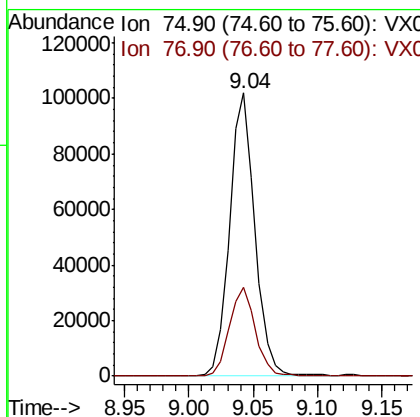
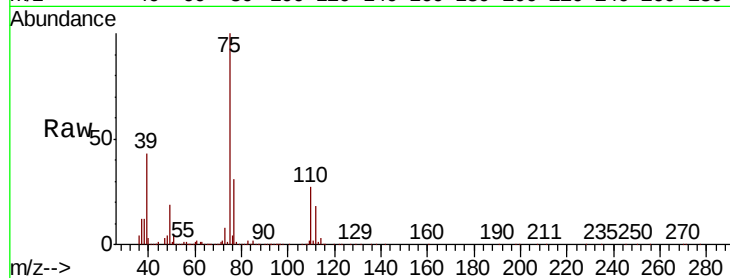
#53
t-1,3-Dichloropropene
Concen: 20.975 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0

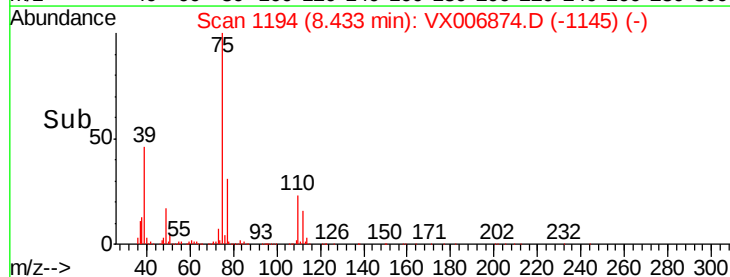
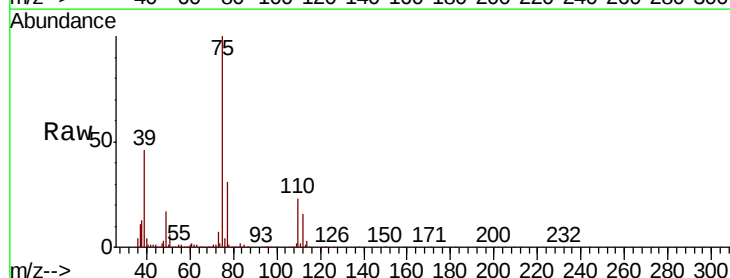
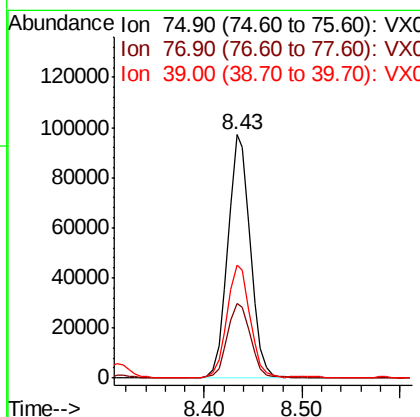
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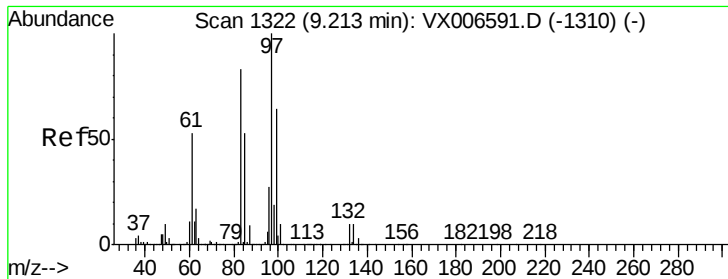
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#54
cis-1,3-Dichloropropene
Concen: 21.143 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.2
39	46.0	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 20.703 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

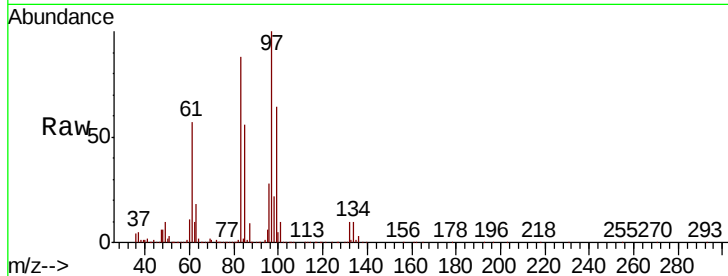
ClientSampleId :

VX0102MBS01

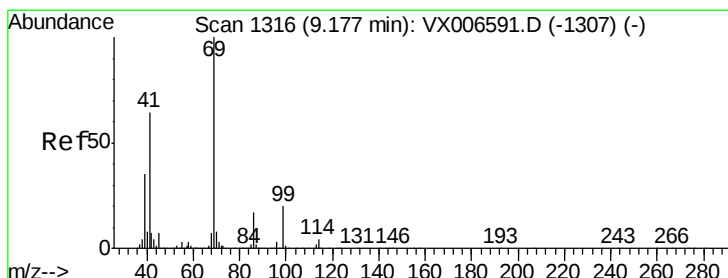
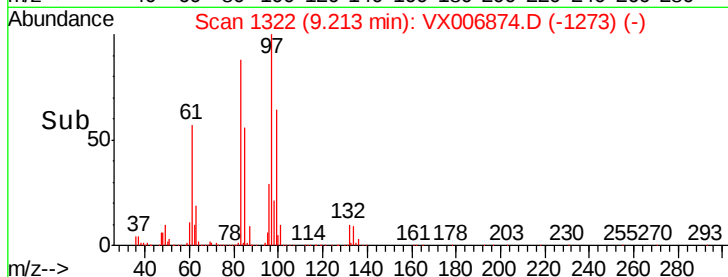
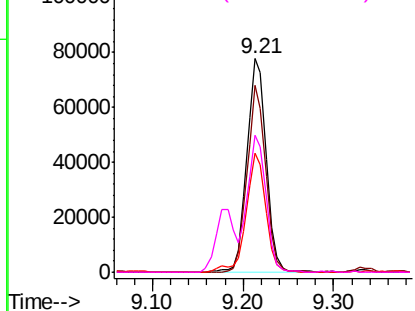
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		114940		
83	87.4	66.6	99.8		
85	55.8	42.7	64.1		
99	63.9	50.8	76.2		

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Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.525 ug/l

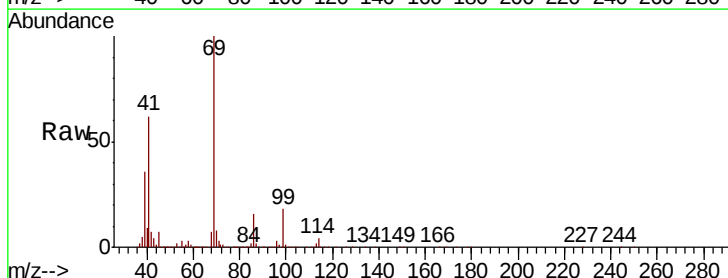
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

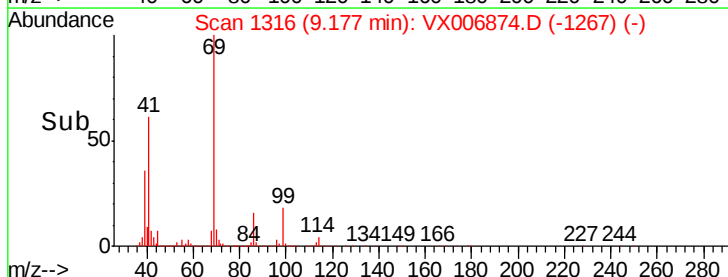
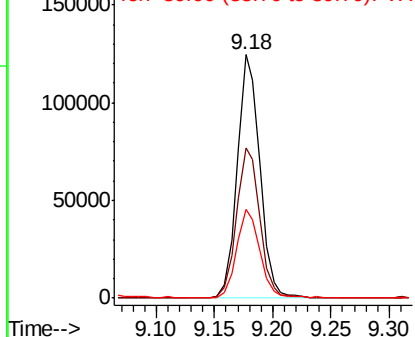
Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		168902		
41	63.2	48.7	73.1		
39	36.9	27.0	40.6		



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.461 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0102MBS01

Tot Ion: 76 Resp: 182763

Ion Ratio Lower Upper

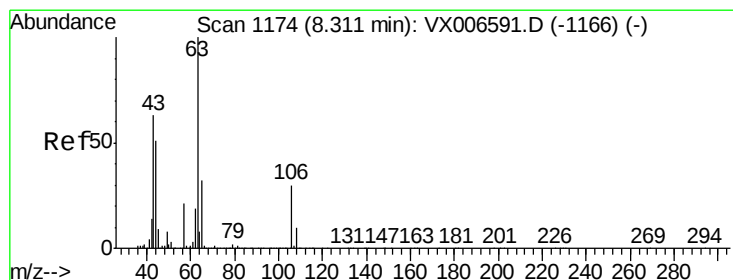
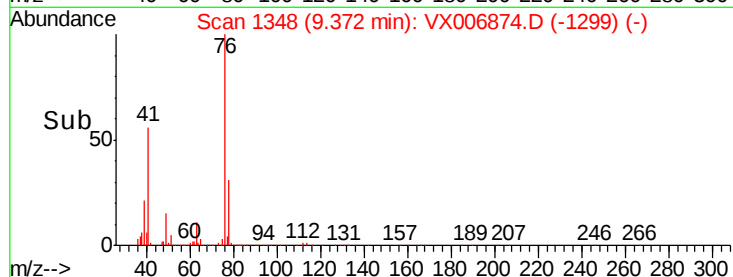
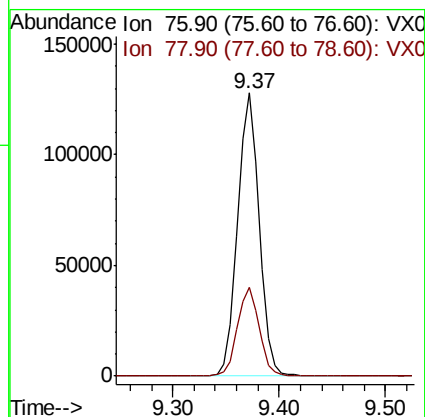
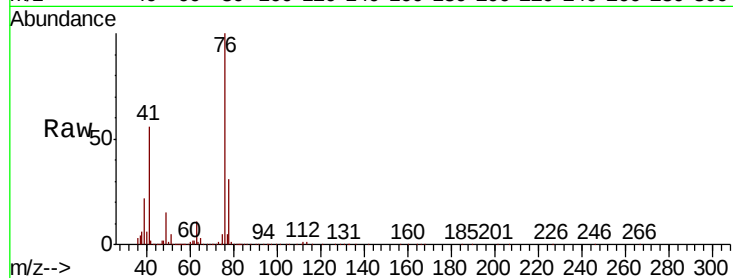
76 100

78 31.7 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 104.487 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006874.D

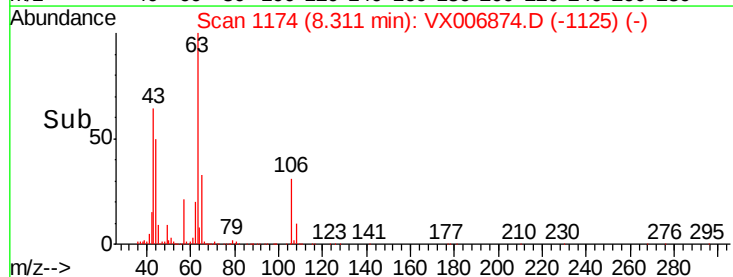
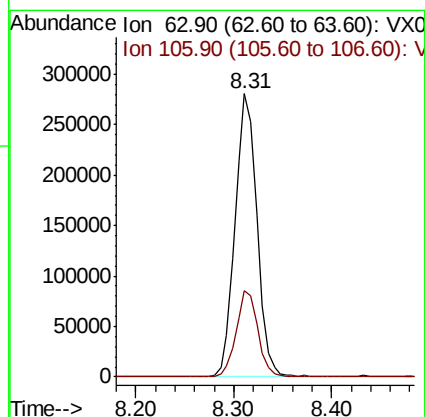
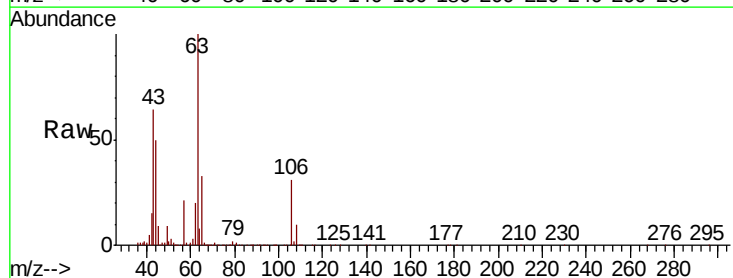
Acq: 02 Jan 2019 11:51

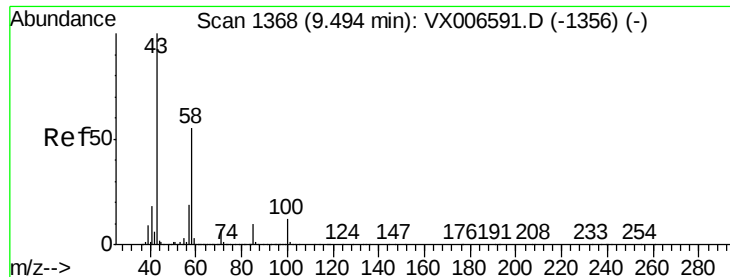
Tgt Ion: 63 Resp: 435825

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





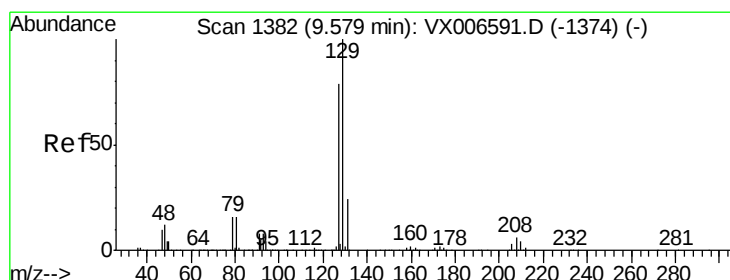
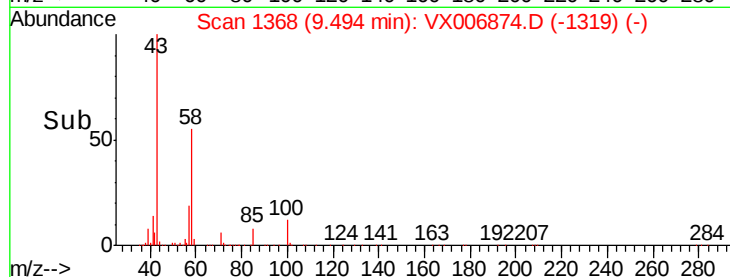
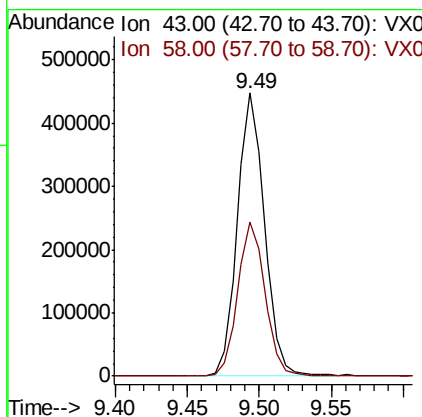
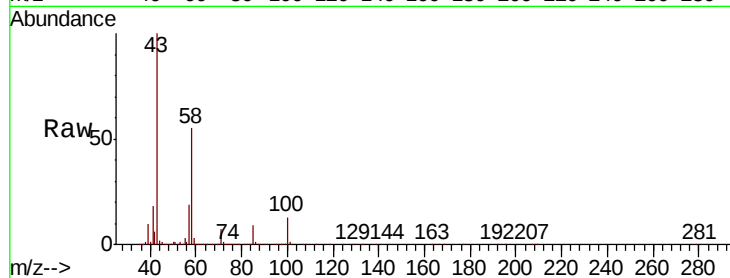
#59
2-Hexanone
Concen: 110.347 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.7	83.1

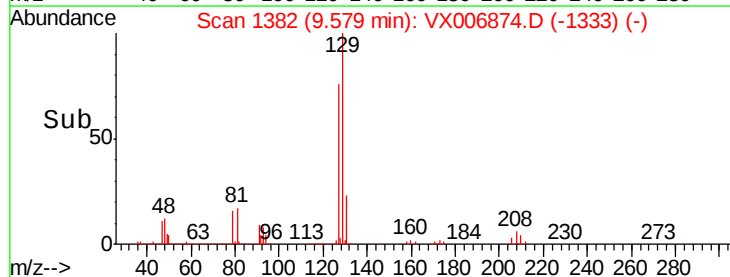
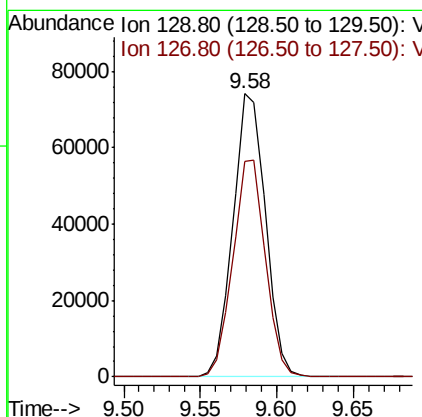
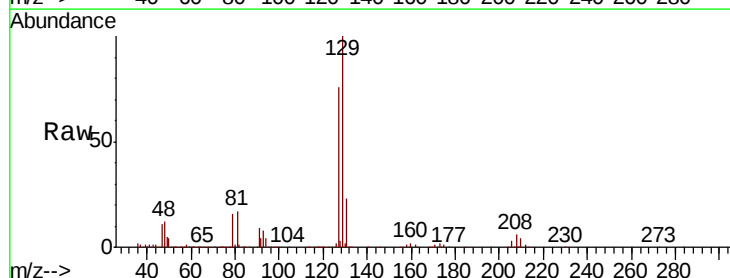
Manual Integrations
APPROVED

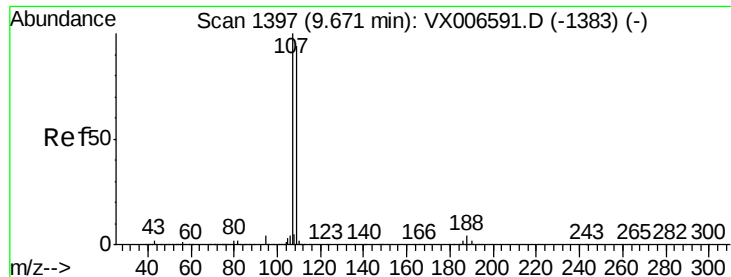
MMDadoda
1/3/2019 9:43:08 AM



#60
Dibromochloromethane
Concen: 20.272 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.3	117.8





#61

1,2-Dibromoethane

Concen: 20.315 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 107 Resp: 119893

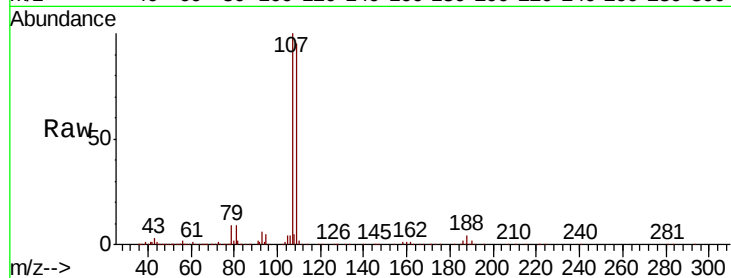
Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6

Manual Integrations
APPROVED

MMDadoda
1/3/2019 9:43:08 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

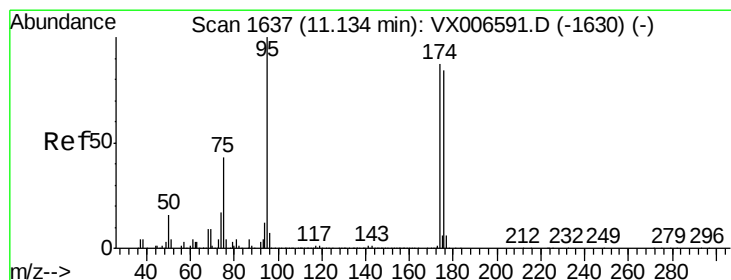
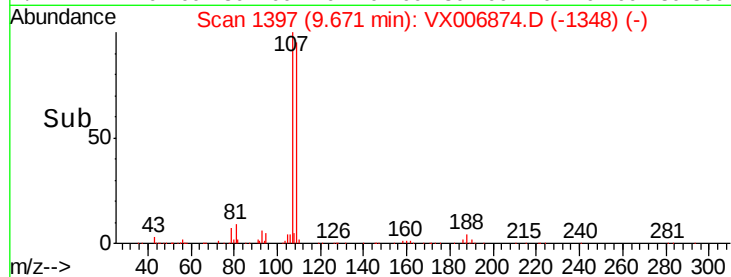
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

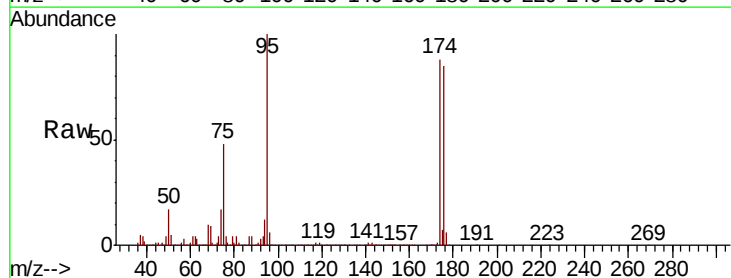
Tgt Ion: 95 Resp: 355461

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.2

176 92.7 0.0 178.8



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

11.13

300000

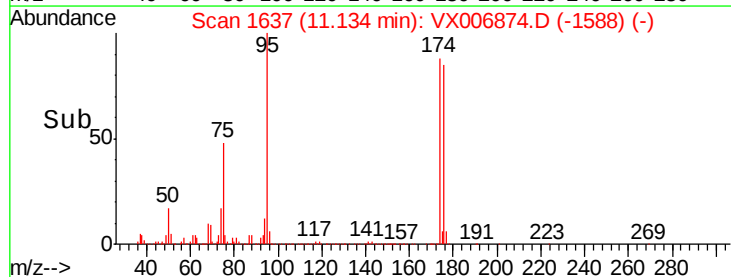
200000

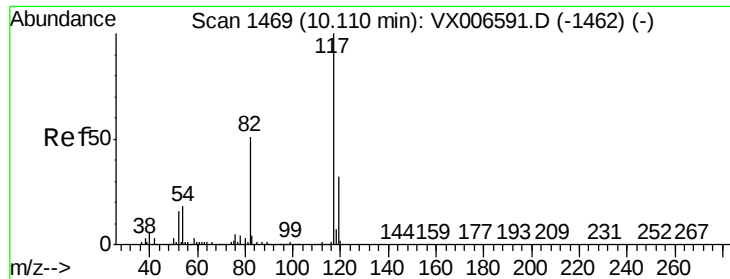
100000

0

11.05 11.10 11.15 11.20

Time-->





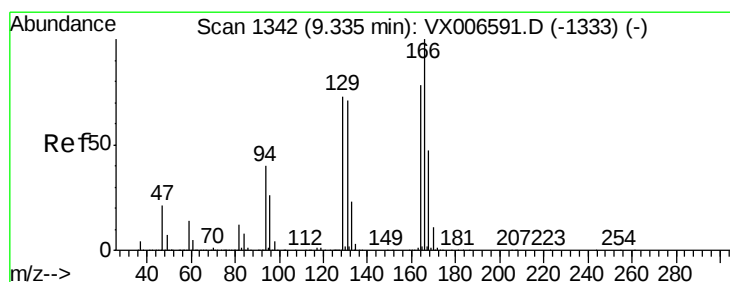
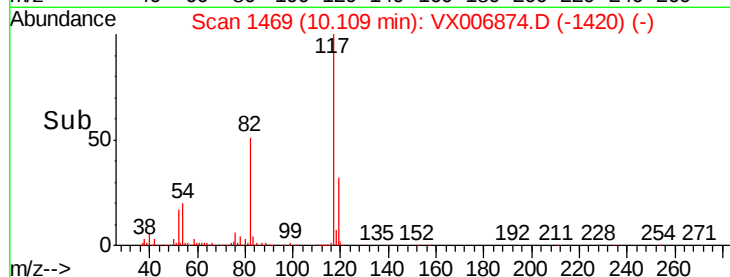
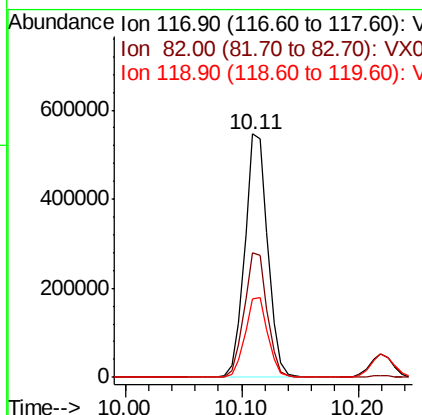
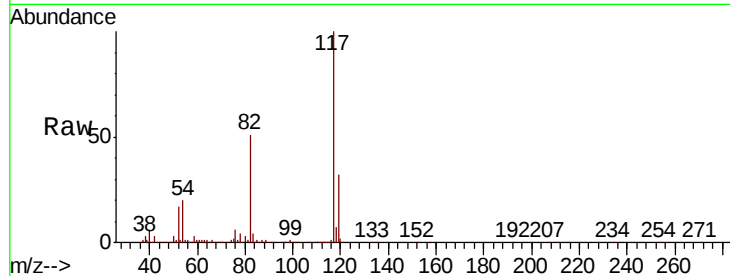
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	51.3	41.0	61.6
119	32.0	25.4	38.0

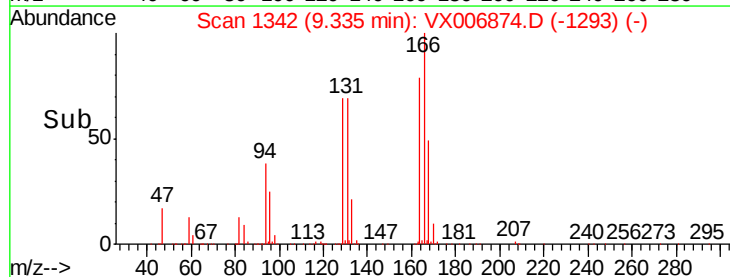
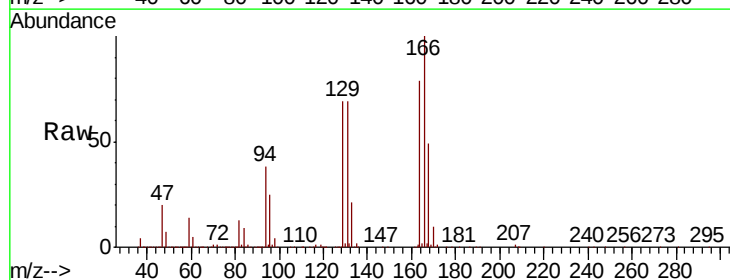
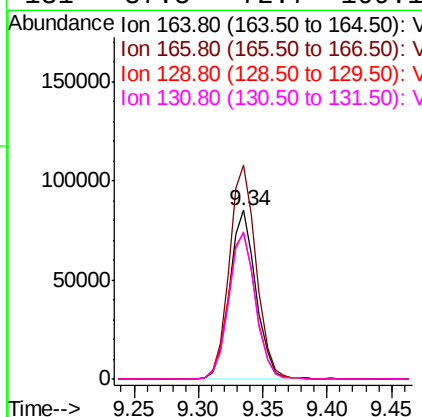
Manual Integrations
APPROVED

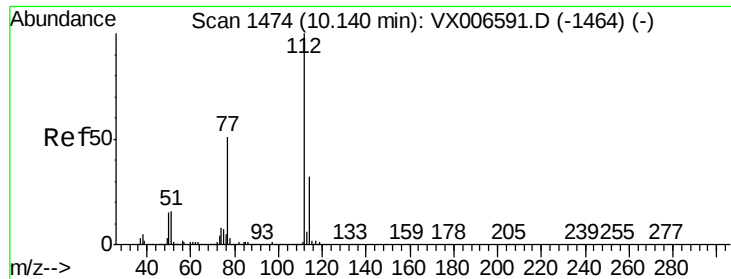
MMDadoda
1/3/2019 9:43:08 AM



#64
Tetrachloroethene
Concen: 20.453 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.3	102.5	153.7
129	86.7	75.1	112.7
131	87.5	72.7	109.1





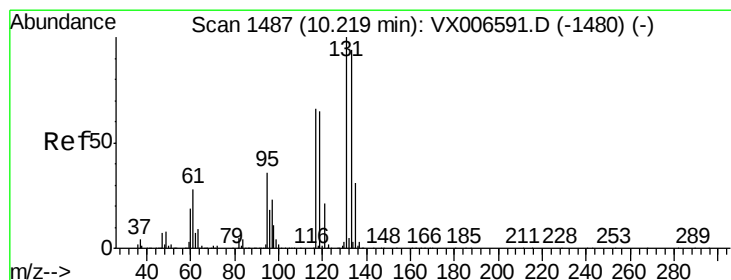
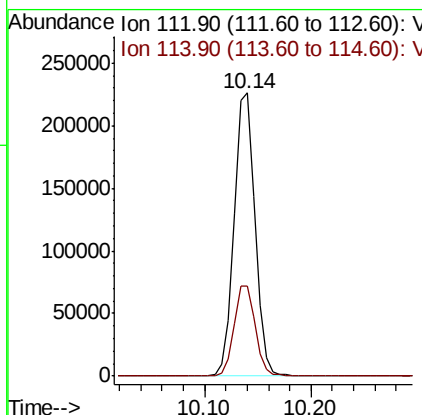
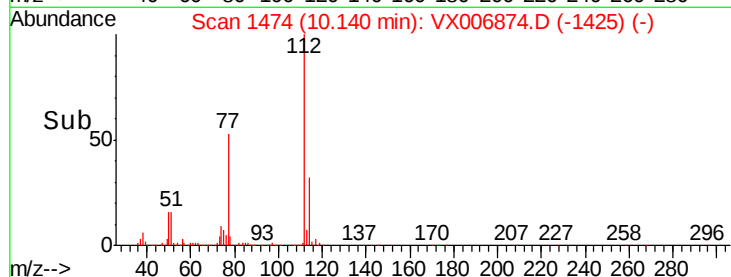
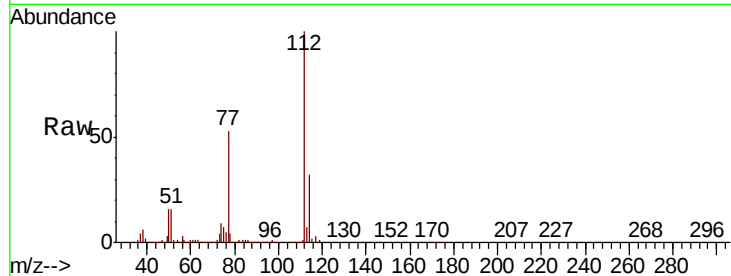
#65
Chlorobenzene
Concen: 19.778 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampled :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

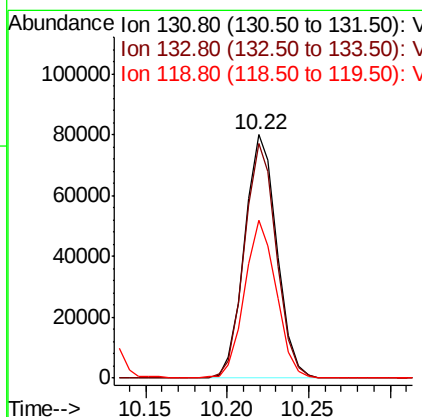
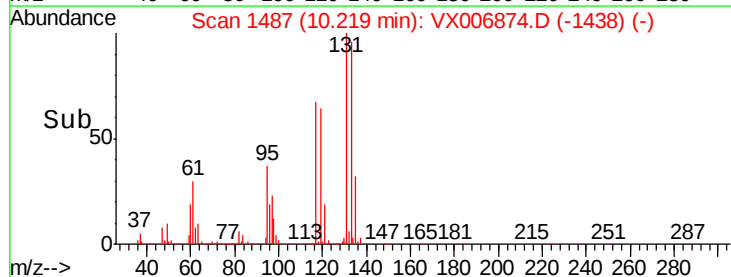
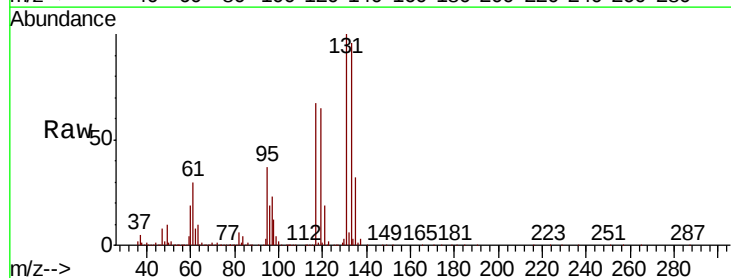
Manual Integrations
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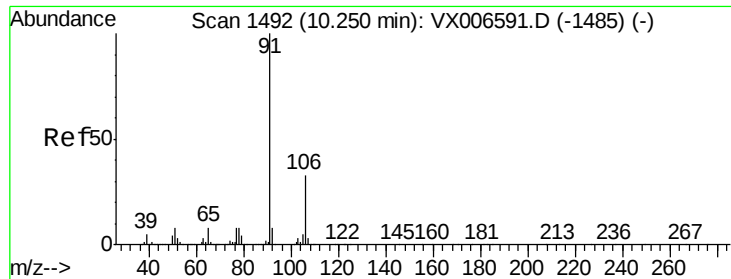
MMDadoda
1/3/2019 9:43:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.397 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.0	144.2
119	63.2	32.6	97.8





#67

Ethyl Benzene

Concen: 19.556 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 91 Resp: 507116

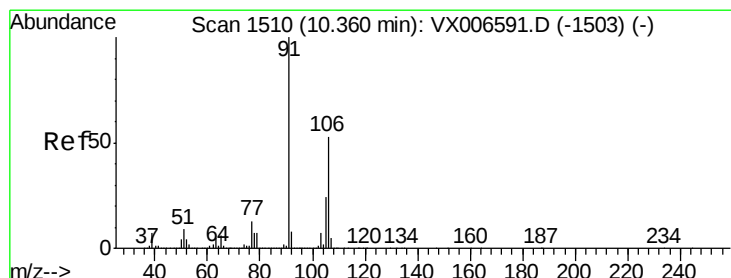
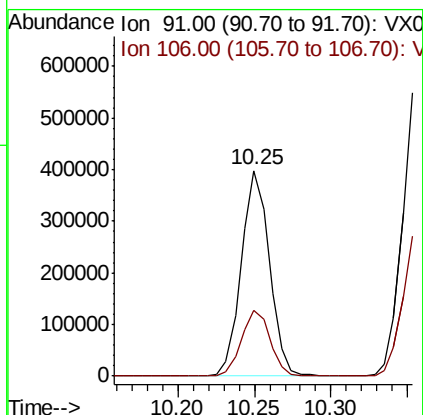
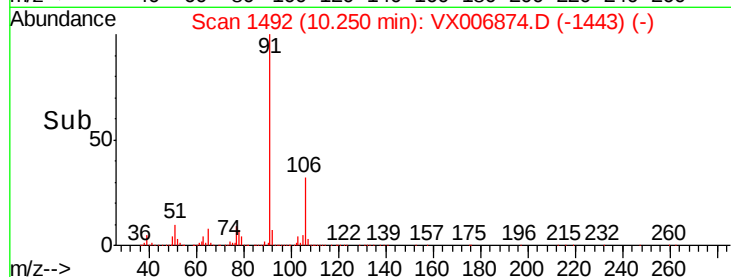
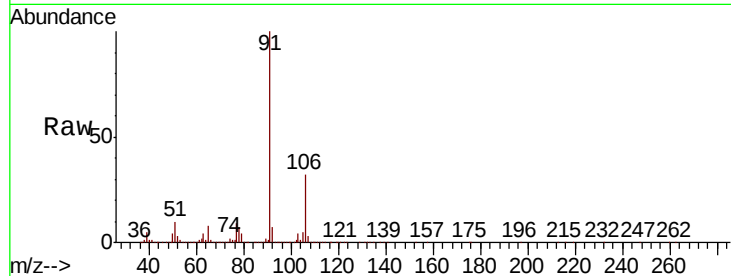
Ion Ratio Lower Upper

91 100

106 31.8 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 39.055 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006874.D

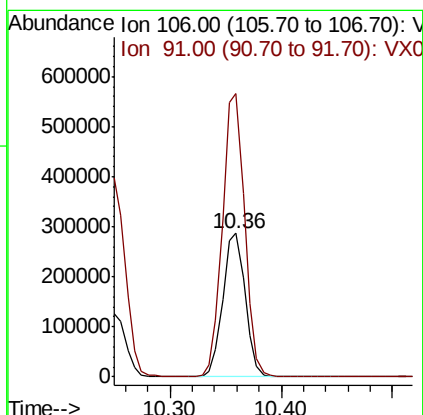
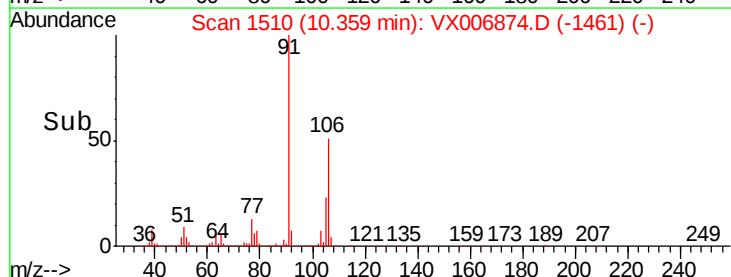
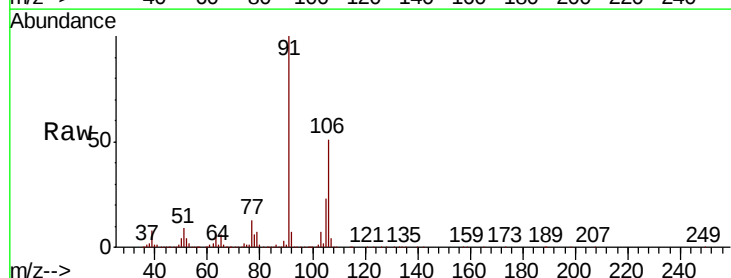
Acq: 02 Jan 2019 11:51

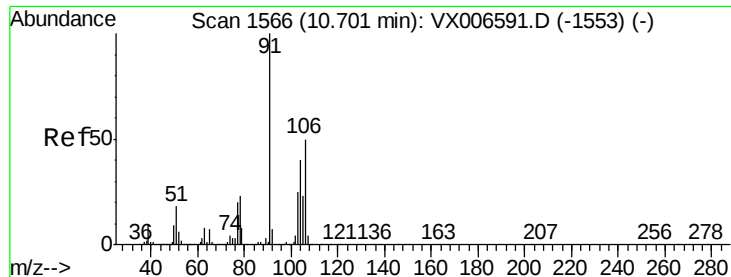
Tgt Ion: 106 Resp: 399638

Ion Ratio Lower Upper

106 100

91 195.0 155.8 233.6





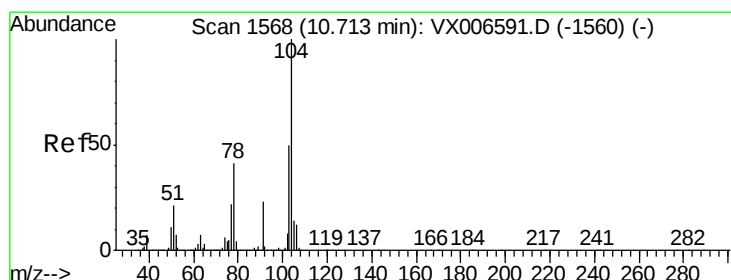
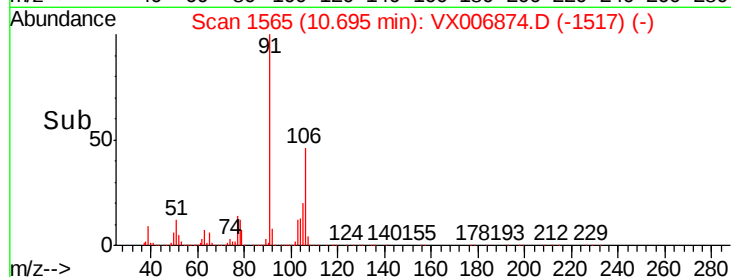
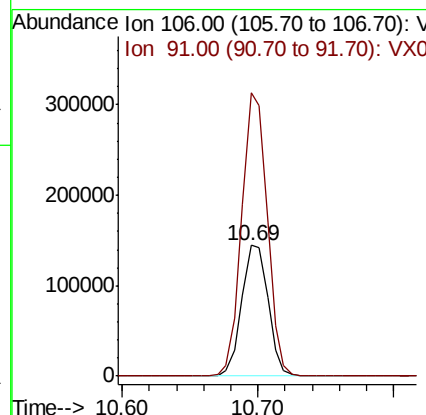
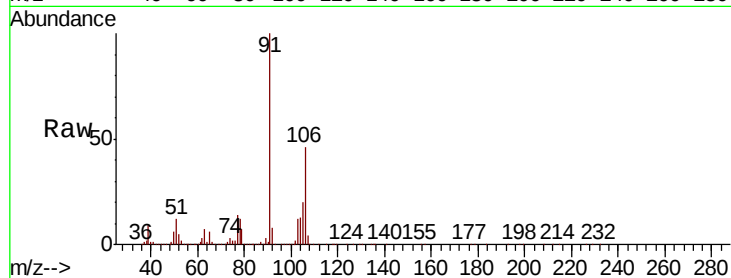
#69
o-Xylene
Concen: 19.463 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.1	101.3	303.7

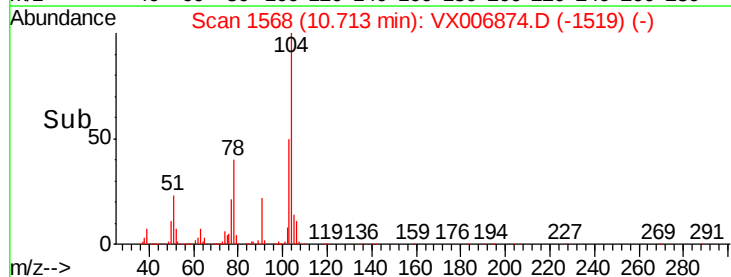
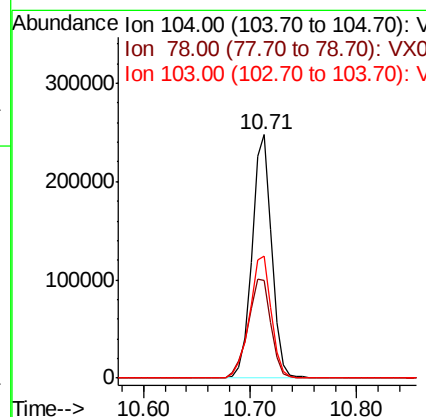
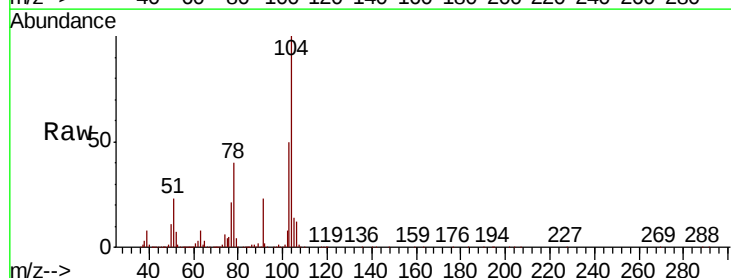
Manual Integrations
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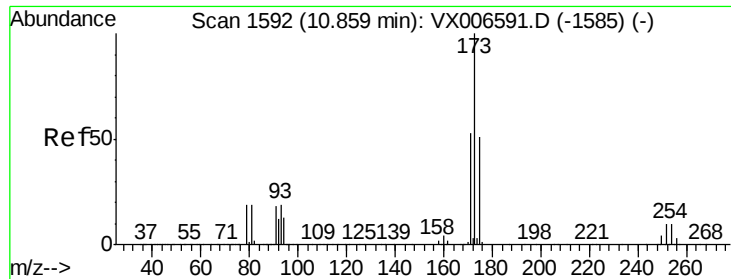
MMDadoda
1/3/2019 9:43:08 AM



#70
Styrene
Concen: 20.055 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	55.6	43.8	65.8





#71

Bromoform

Concen: 21.334 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion:173 Resp: 82742

Ion Ratio Lower Upper

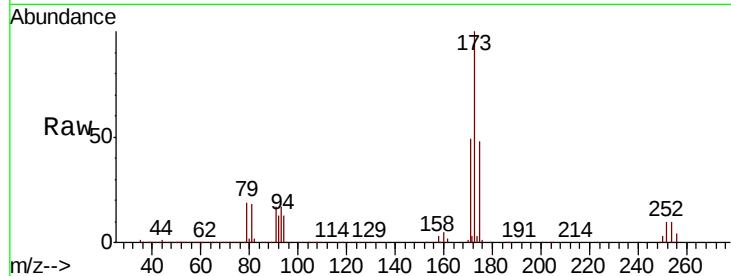
173 100

175 48.1 24.7 74.1

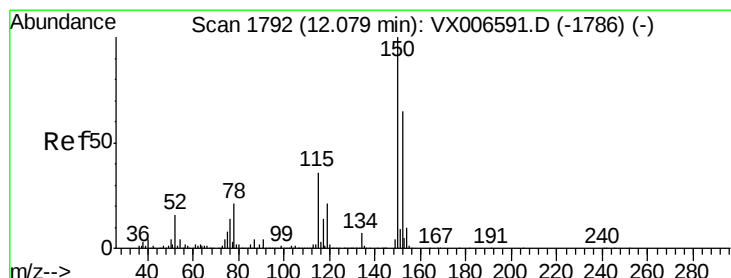
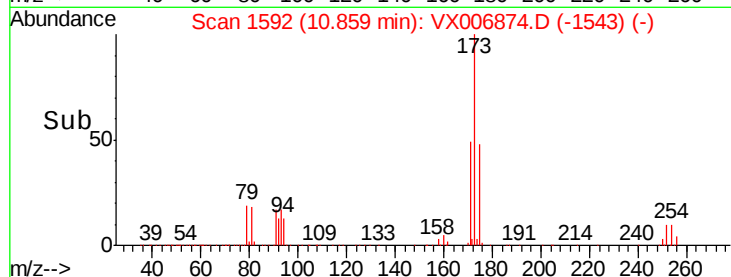
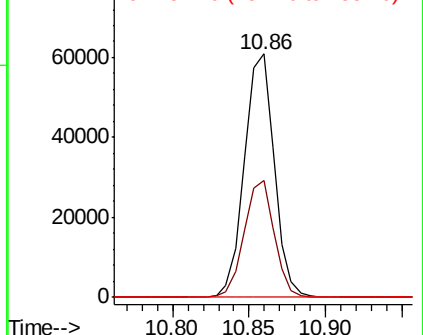
254 0.2 0.2 0.2

Manual Integrations
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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: VX006874.D

Acq: 02 Jan 2019 11:51

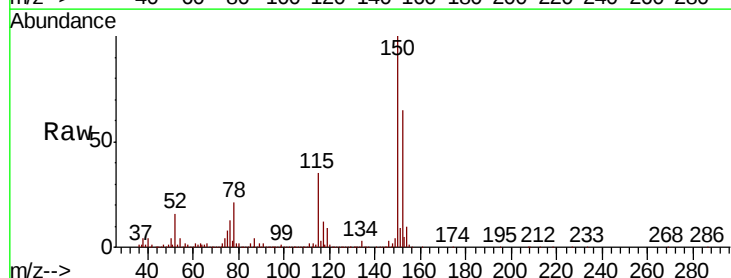
Tgt Ion:152 Resp: 390692

Ion Ratio Lower Upper

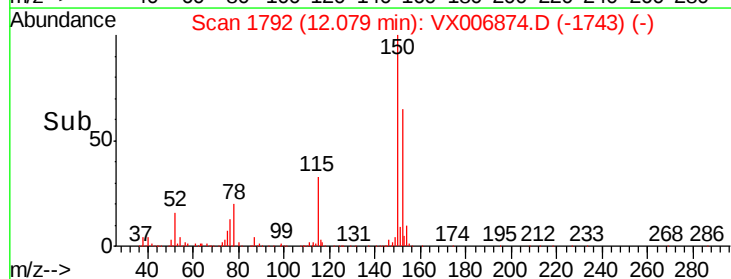
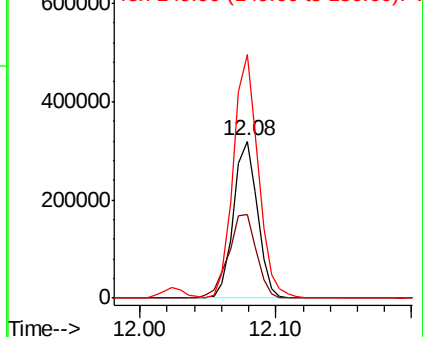
152 100

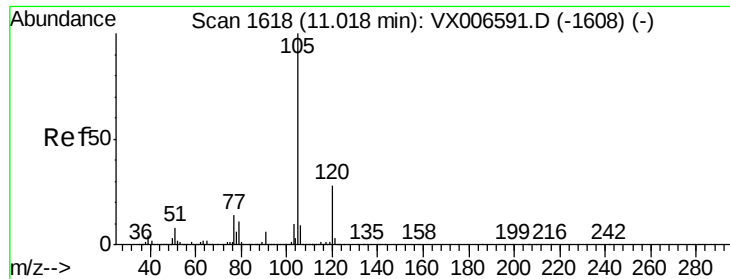
115 62.5 39.1 117.2

150 161.5 0.0 344.8



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: 19.732 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

Tot Ion: 105 Resp: 527407

Ion Ratio Lower Upper

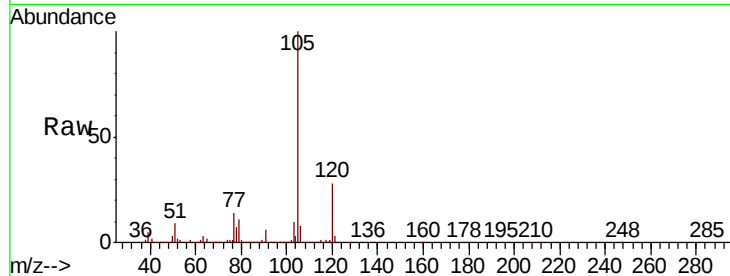
105 100

120 27.7 14.1 42.4

Manual Integrations
APPROVED

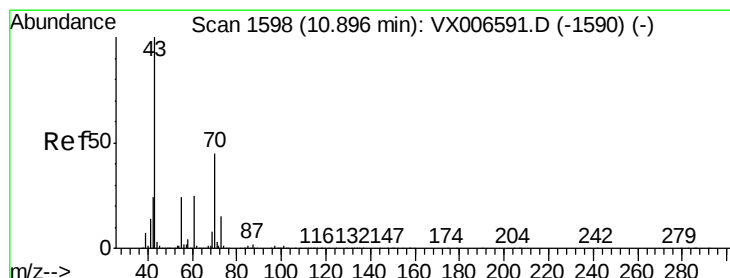
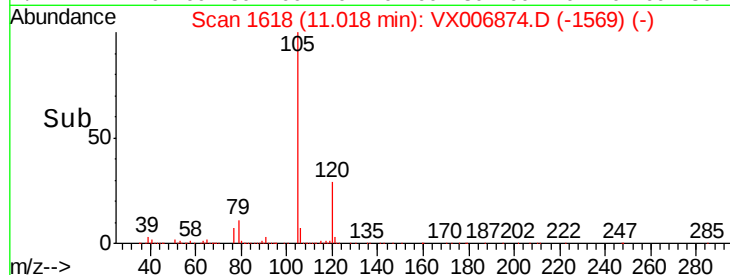
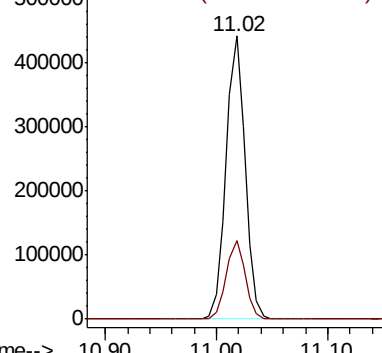
MMDadoda

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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: 22.586 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion: 43 Resp: 216078

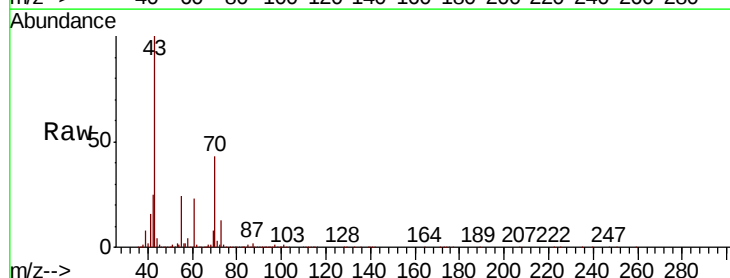
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 23.7 19.4 29.0

61 24.1 20.1 30.1

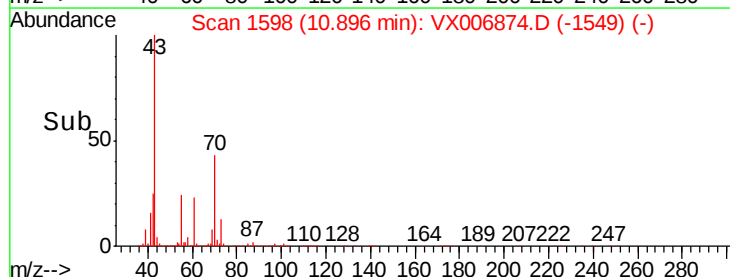
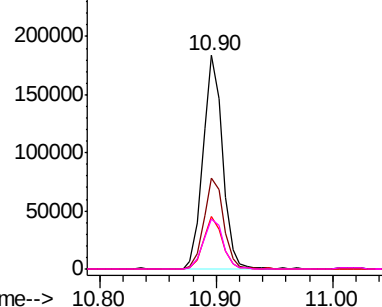


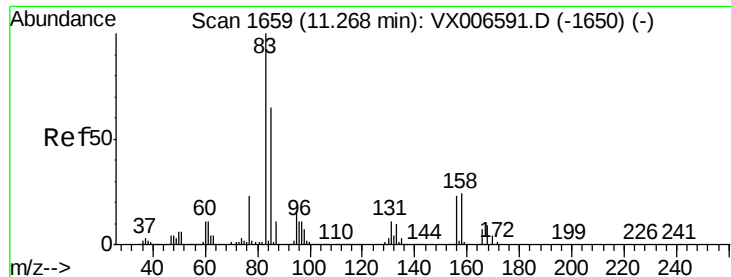
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.373 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

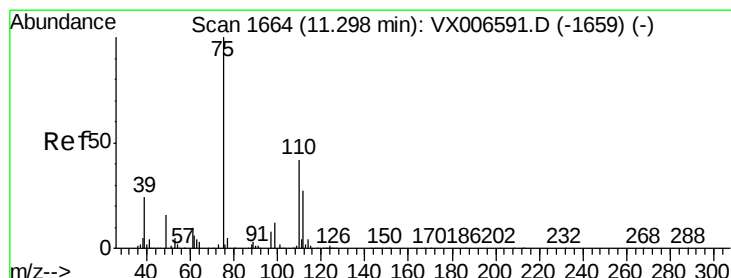
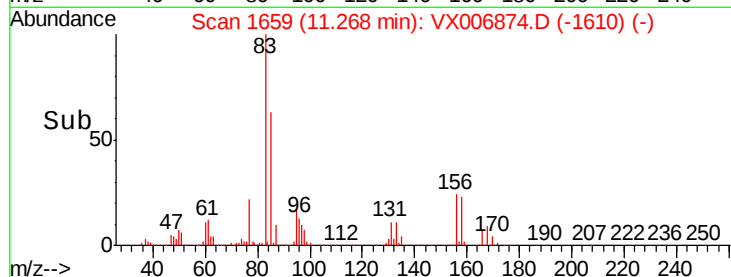
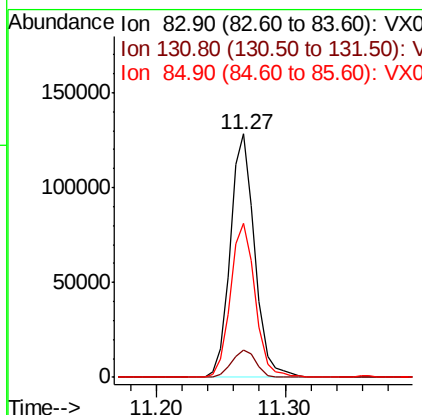
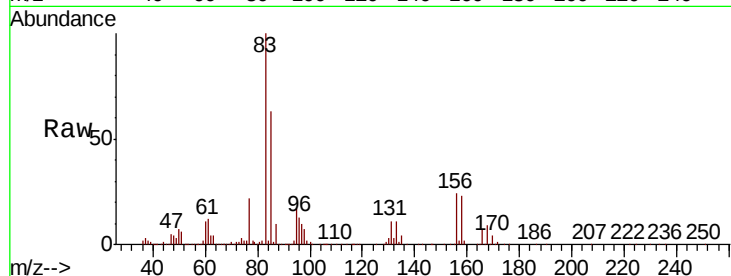
ClientSampleId :

VX0102MBS01

Tot Ion:	83	Resp:	169891
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.1
85	64.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.273 ug/l m

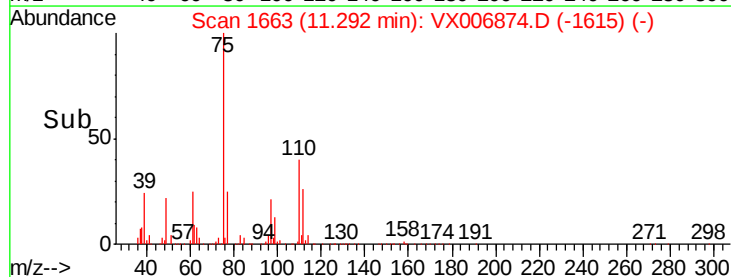
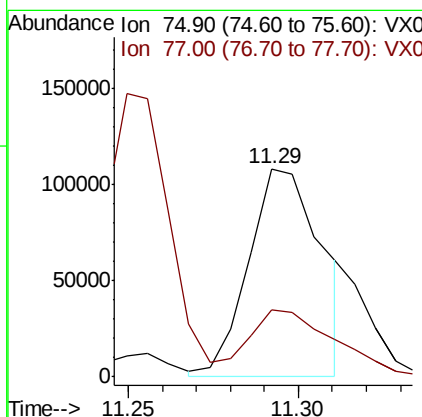
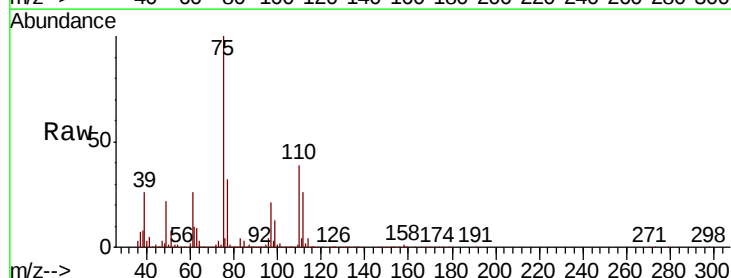
RT: 11.29 min Scan# 1663

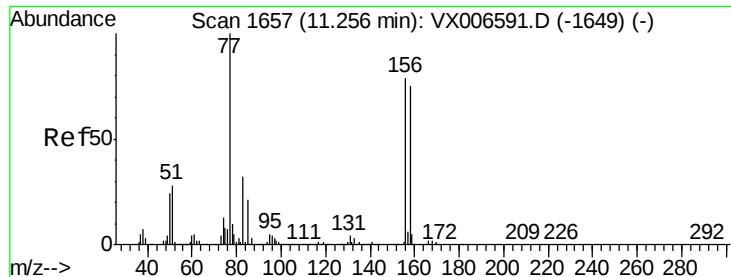
Delta R.T. -0.01 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	75	Resp:	161719
Ion Ratio	Lower	Upper	
75	100		
77	38.4	18.5	55.5





#77

Bromobenzene

Concen: 20.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

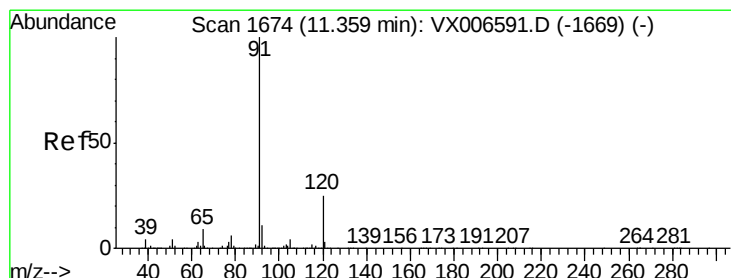
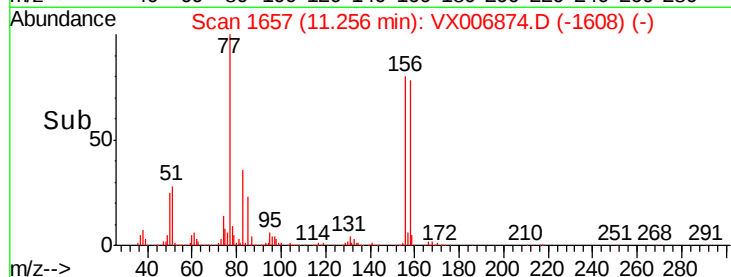
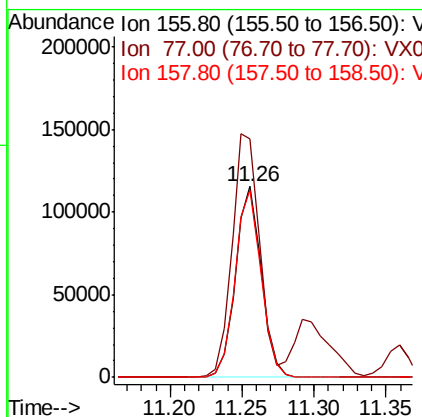
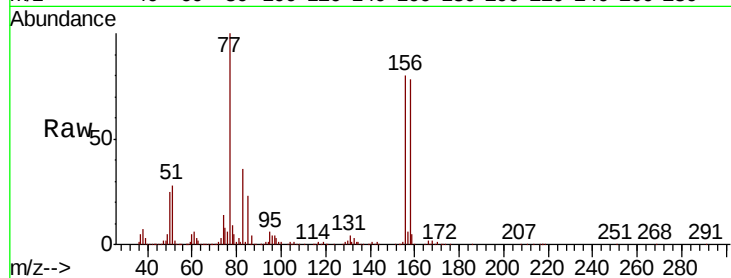
ClientSampleId :

VX0102MBS01

Tot Ion:	156	Resp:	144879
Ion Ratio	Lower	Upper	
156	100		
77	135.4	68.0	204.0
158	98.7	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.476 ug/l

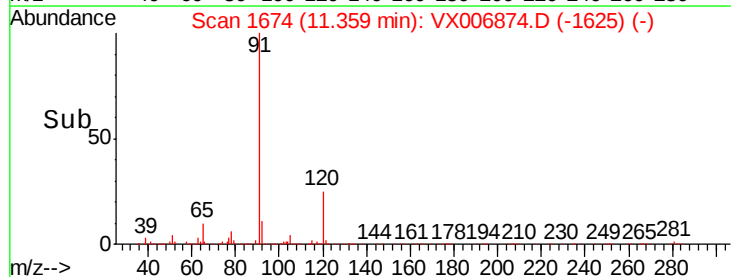
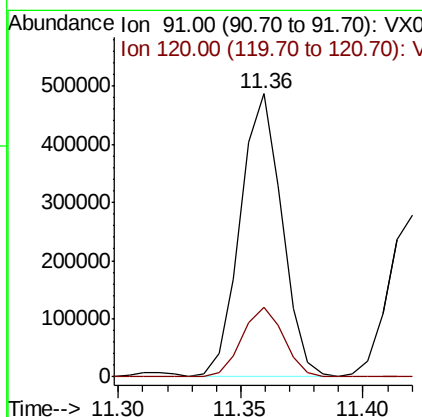
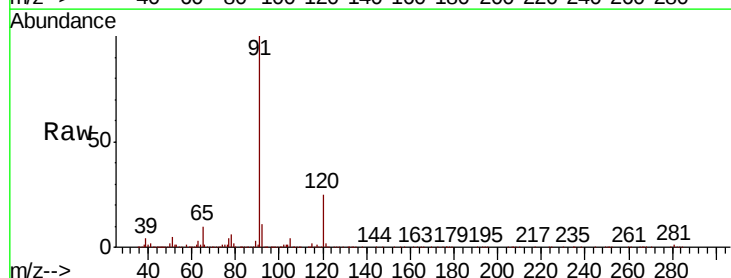
RT: 11.36 min Scan# 1674

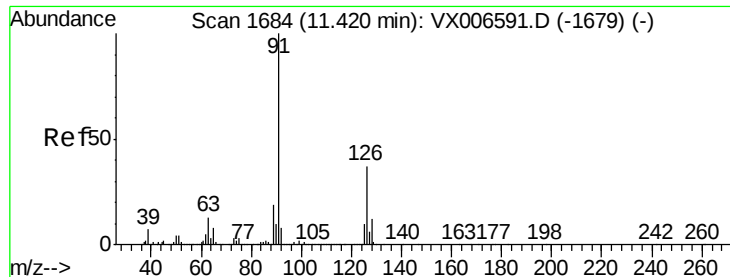
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	91	Resp:	573229
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.348 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0102MBS01

Tot Ion: 91 Resp: 345098

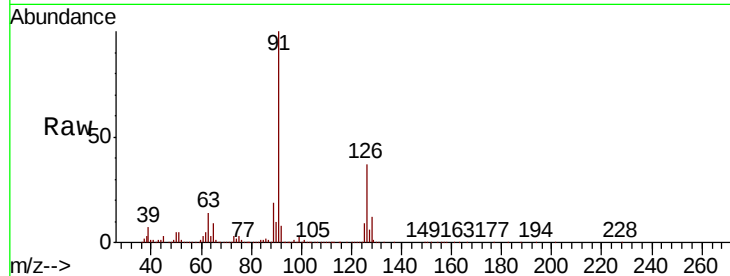
Ion Ratio Lower Upper

91 100

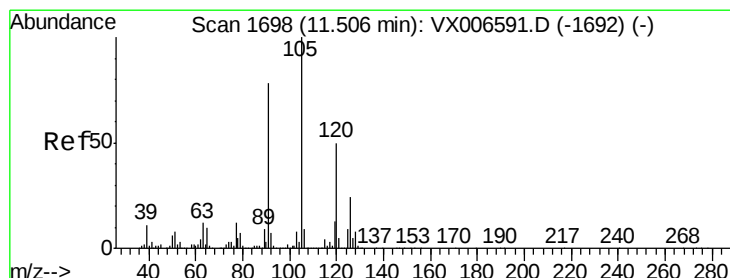
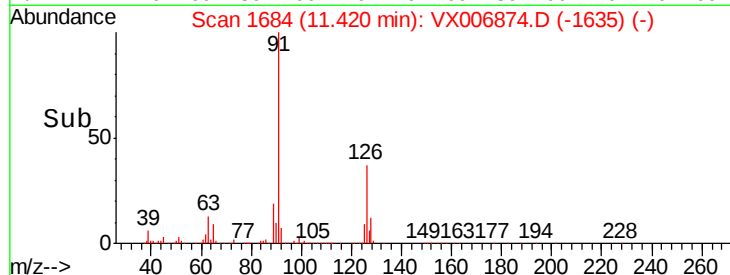
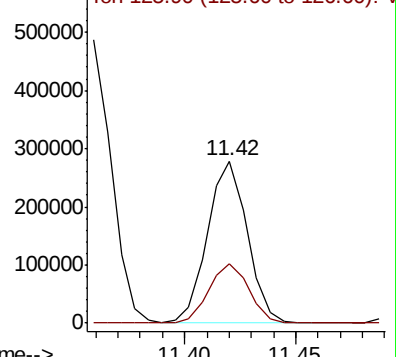
126 37.2 18.6 56.0

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.609 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006874.D

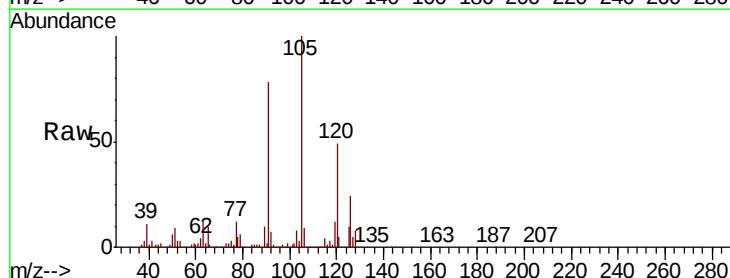
Acq: 02 Jan 2019 11:51

Tgt Ion: 105 Resp: 431691

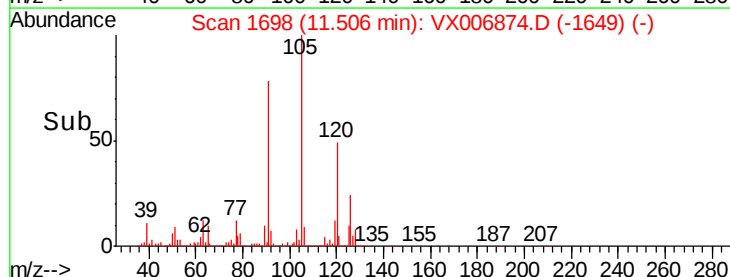
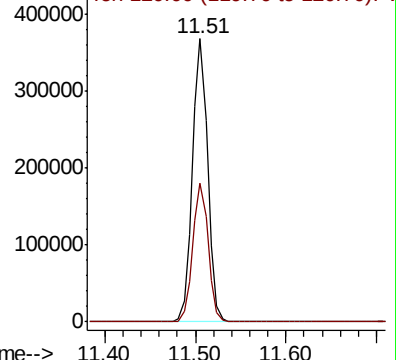
Ion Ratio Lower Upper

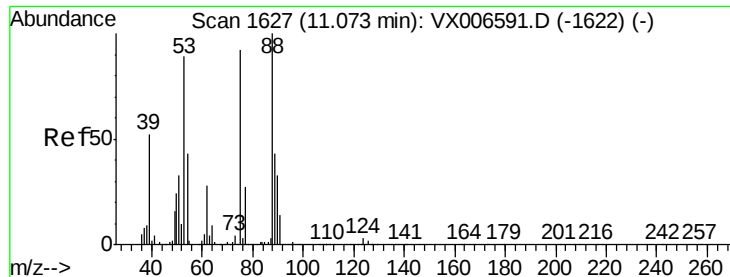
105 100

120 49.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.797 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

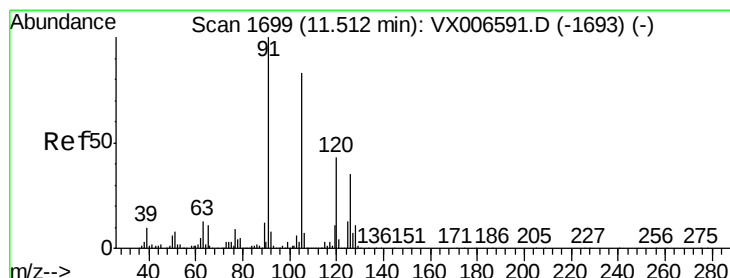
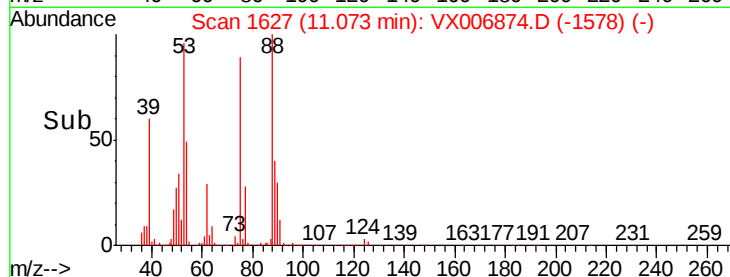
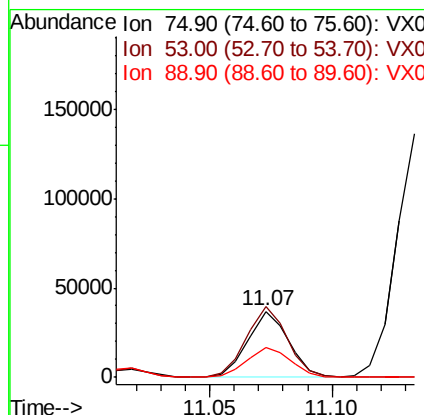
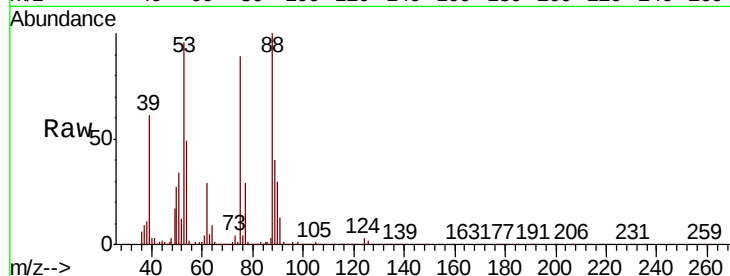
ClientSampleId :

VX0102MBS01

Tot Ion:	75	Resp:	43175
Ion	Ratio	Lower	Upper
75	100		
53	107.5	79.7	119.5
89	49.2	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.284 ug/l

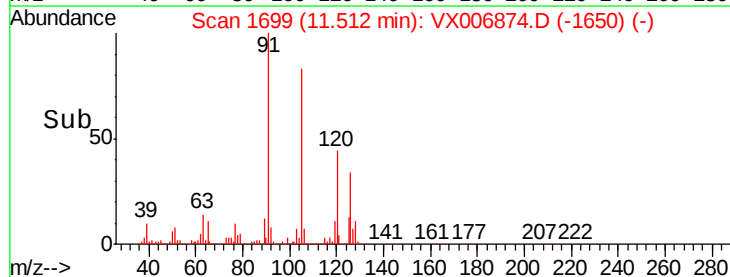
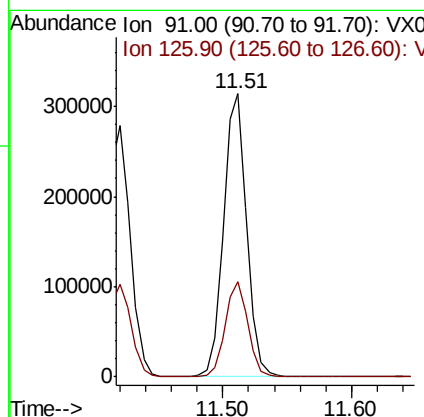
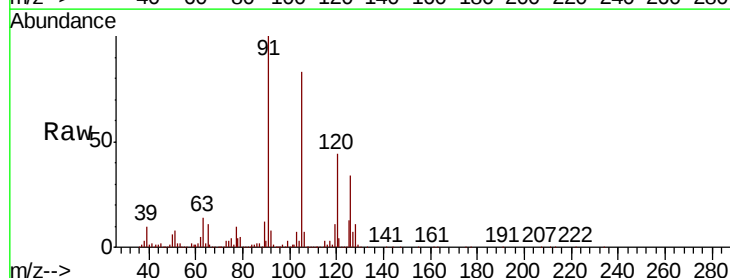
RT: 11.51 min Scan# 1699

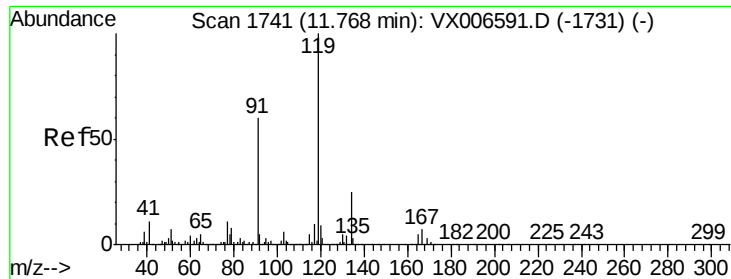
Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	91	Resp:	394545
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.9





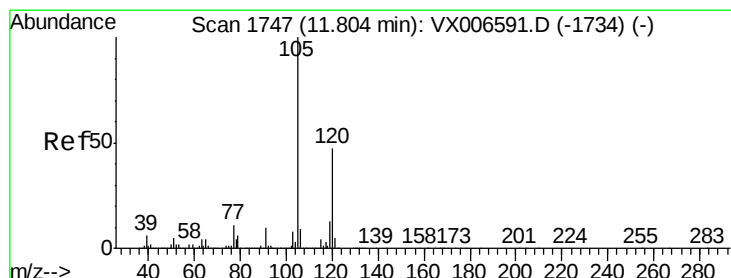
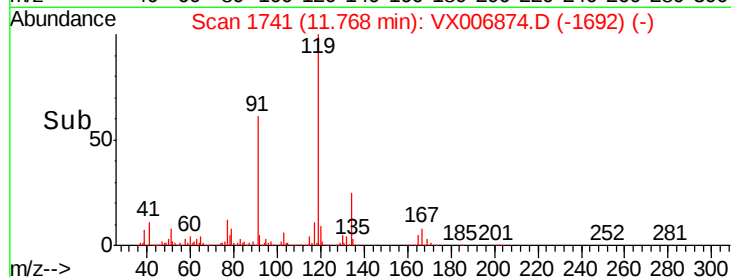
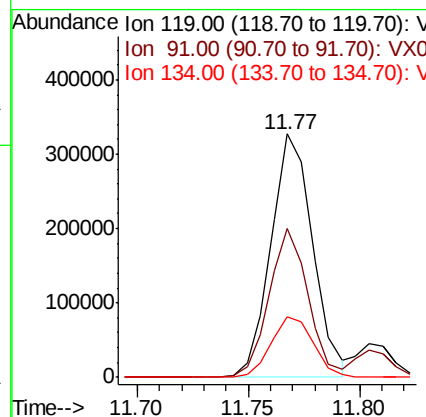
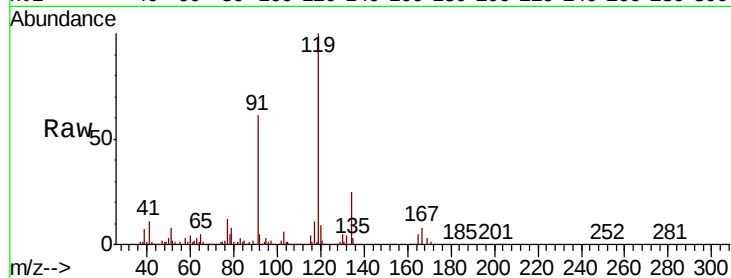
#83
tert-Butylbenzene
Concen: 19.345 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	27.7	83.1
134	25.0	11.9	35.5

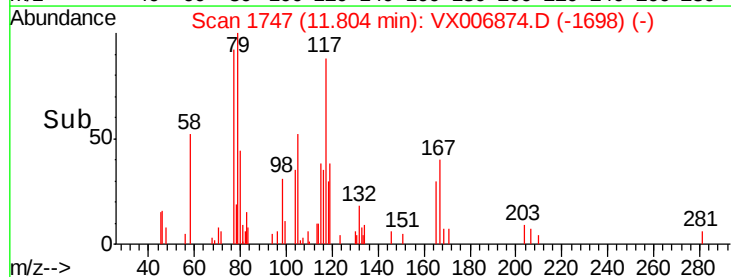
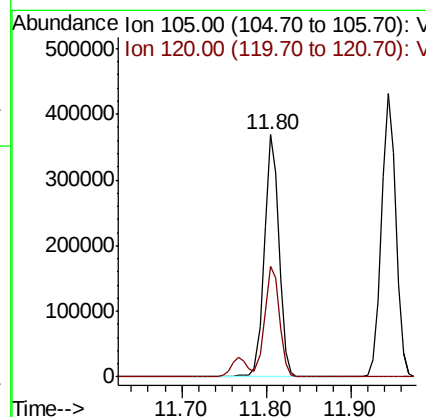
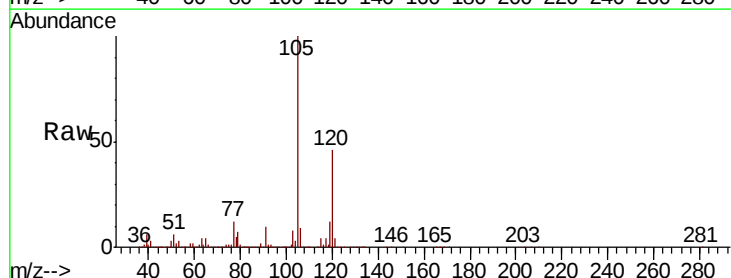
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 19.018 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.074 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

ClientSampled :

VX0102MBS01

Tot Ion:105 Resp: 515277

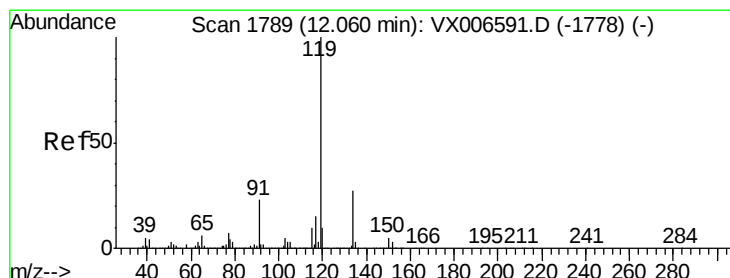
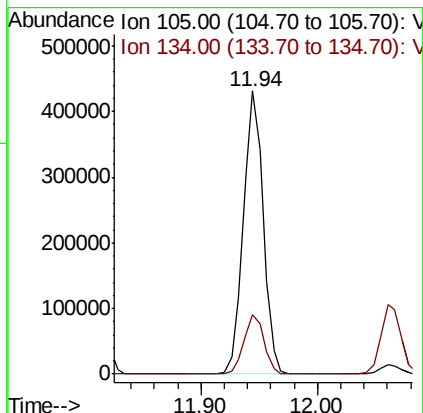
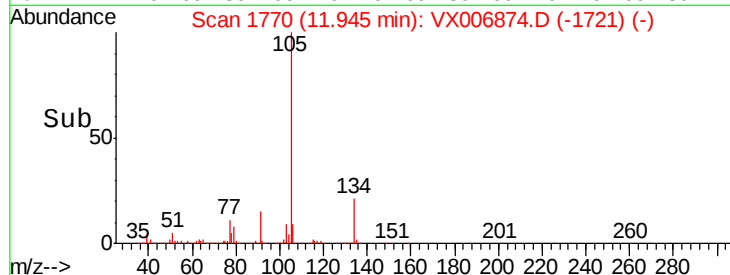
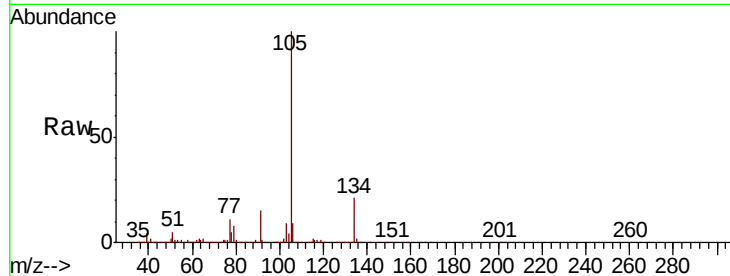
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.340 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

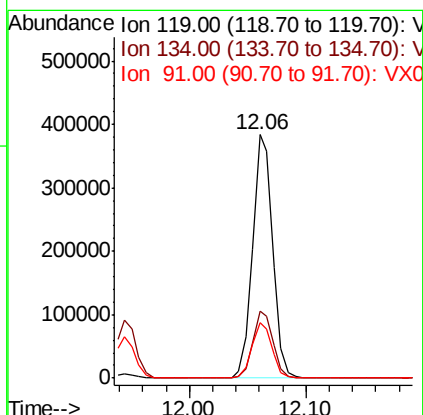
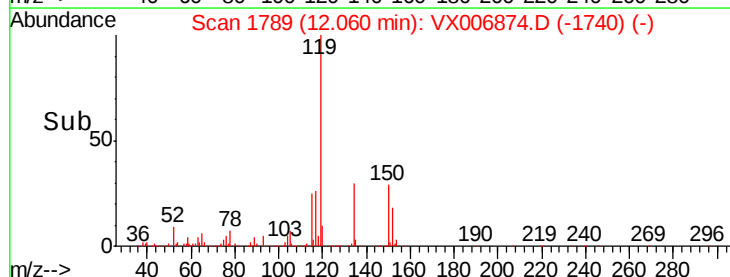
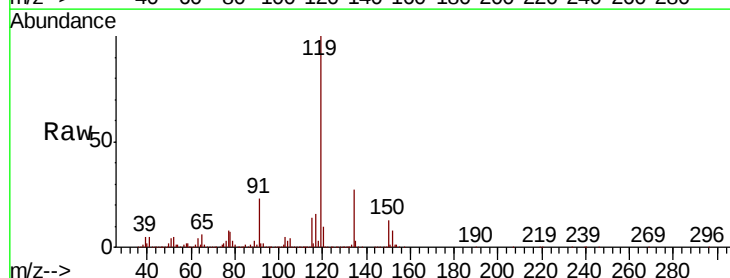
Tgt Ion:119 Resp: 459251

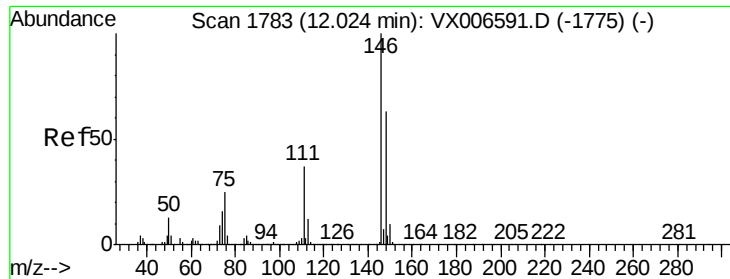
Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

91 23.0 11.3 33.9





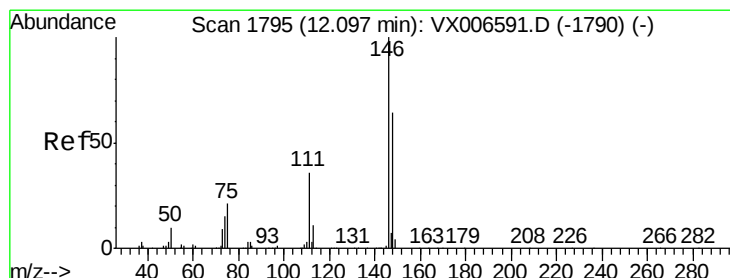
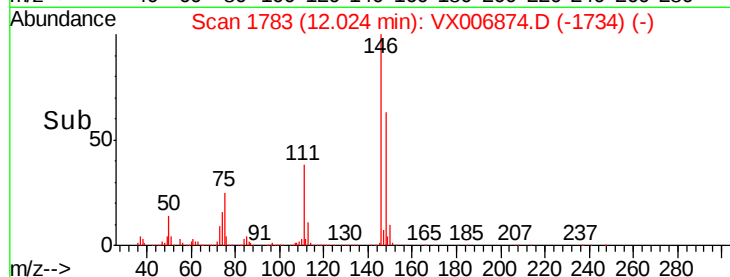
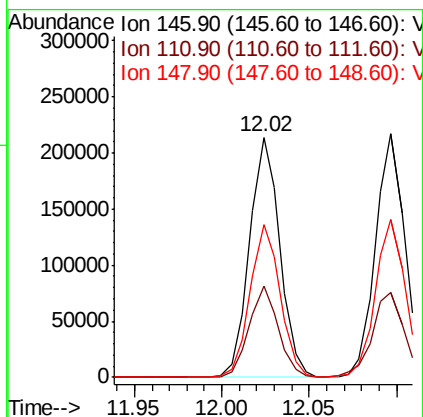
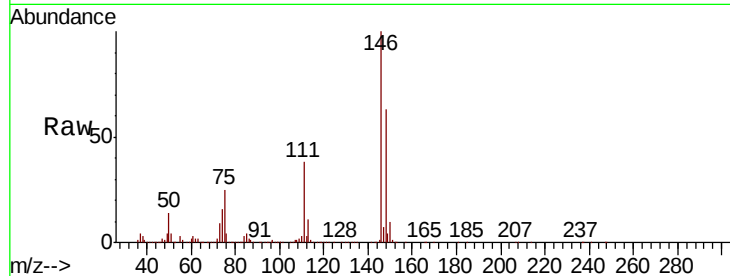
#87
 1,3-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.2	31.8	95.3

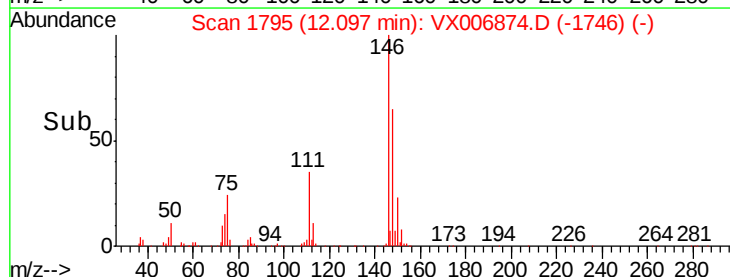
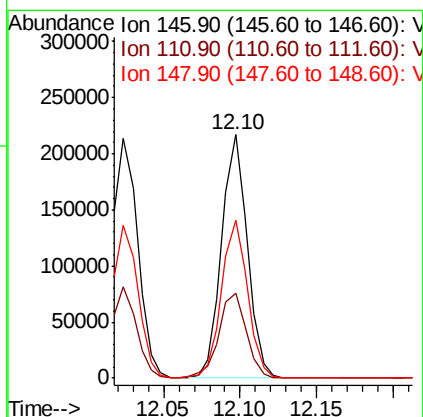
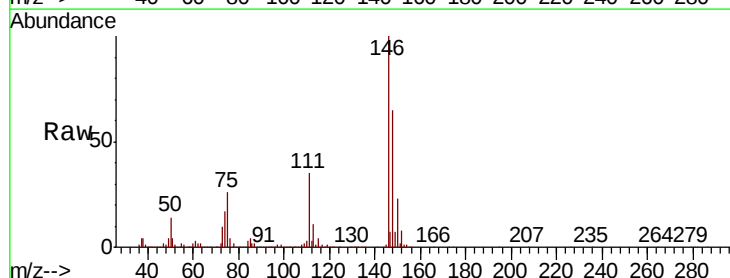
Manual Integrations
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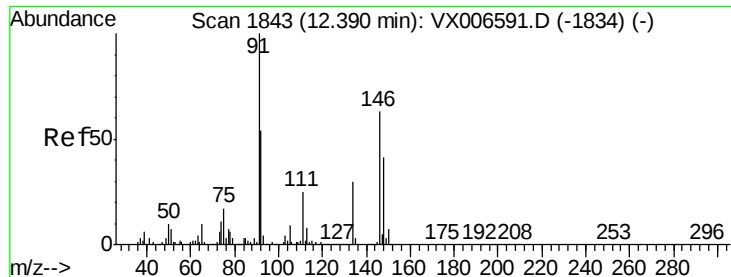
MMDadoda
 1/3/2019 9:43:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.942 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	65.9	31.9	95.9





#89

n-Butylbenzene

Concen: 18.763 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

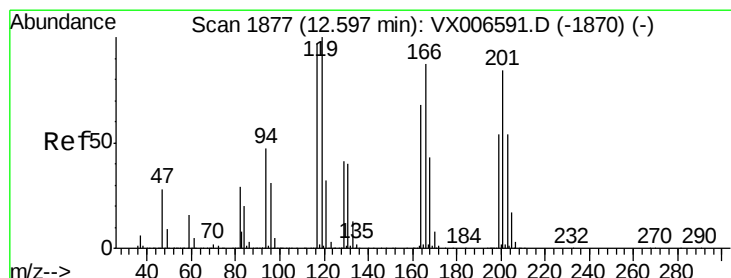
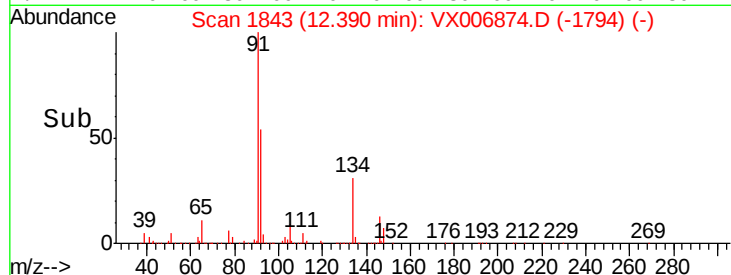
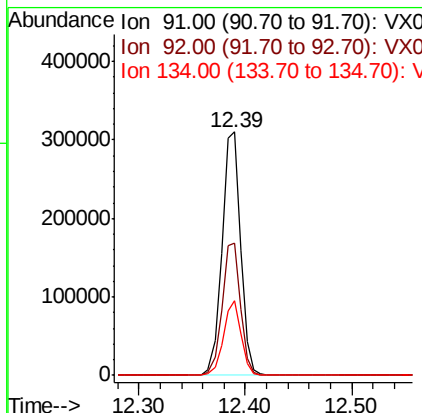
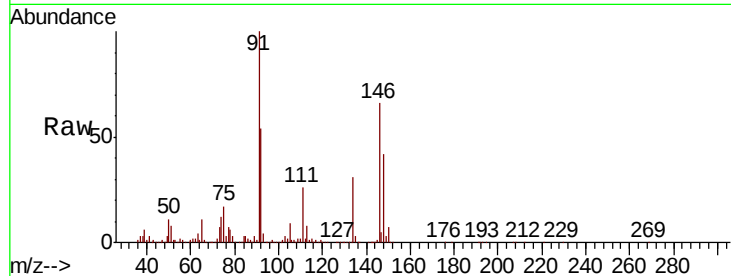
ClientSampleId :

VX0102MBS01

Tot Ion:	91	Resp:	379185
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.4
134	28.8	14.4	43.2

Manual Integrations
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#90

Hexachloroethane

Concen: 19.914 ug/l

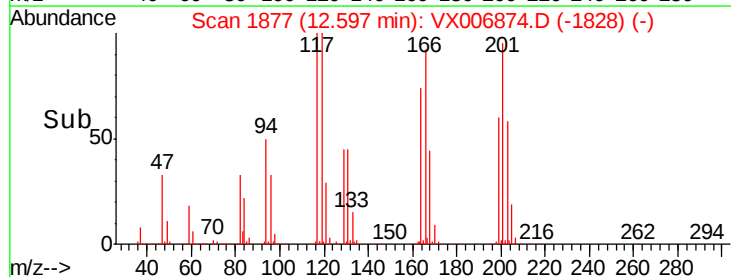
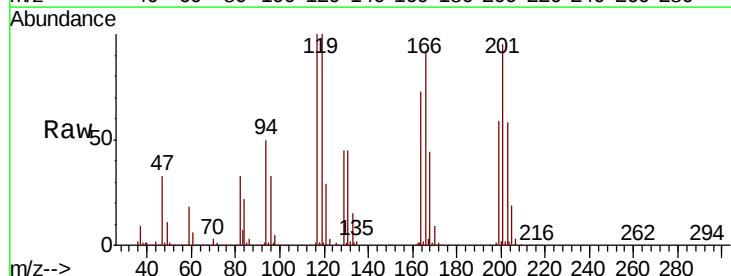
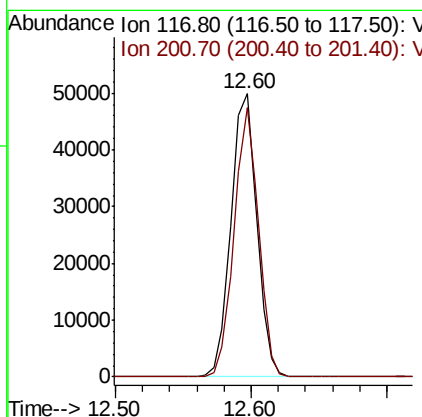
RT: 12.60 min Scan# 1877

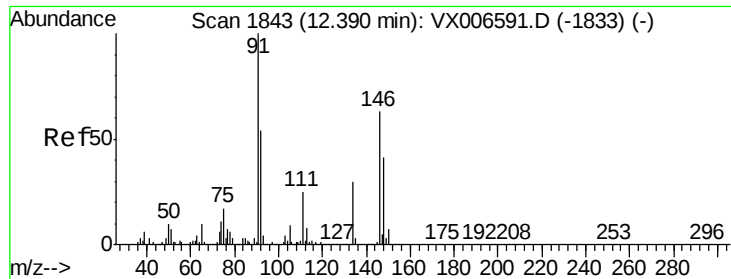
Delta R.T. 0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	117	Resp:	66125
Ion	Ratio	Lower	Upper
117	100		
201	89.6	42.9	128.7





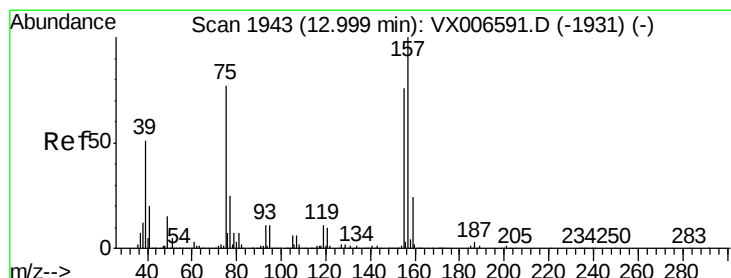
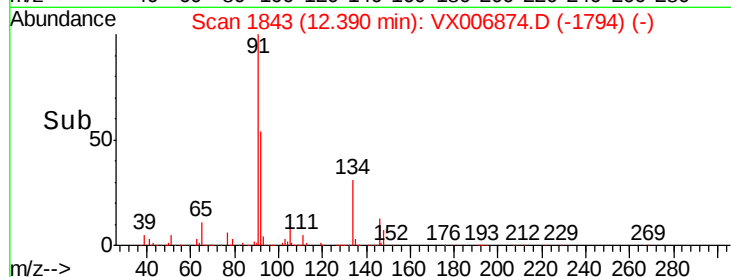
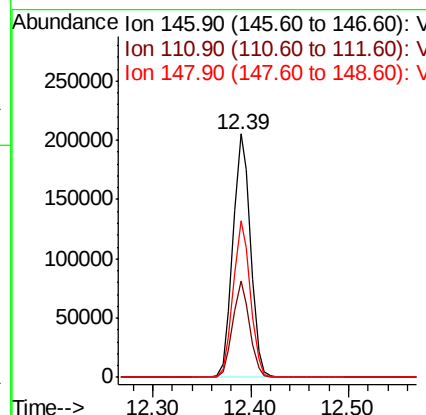
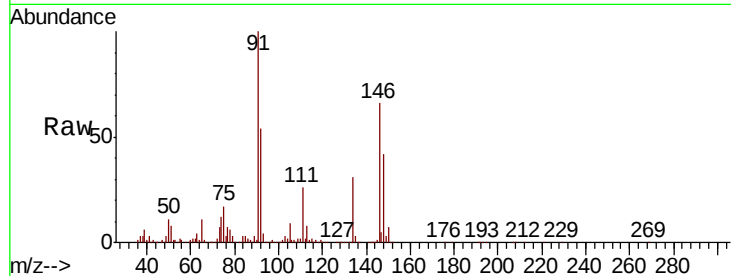
#91
 1,2-Dichlorobenzene
 Concen: 19.751 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	62.7	32.3	96.9

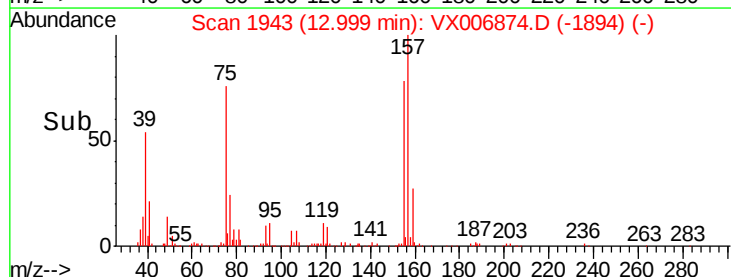
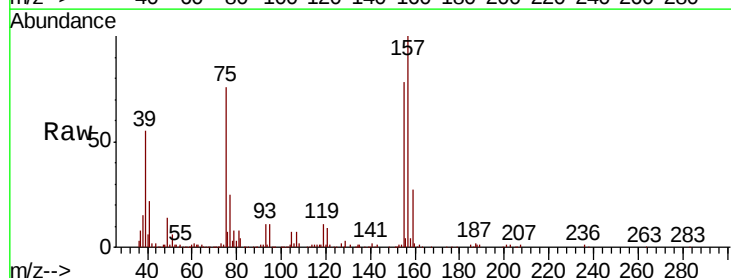
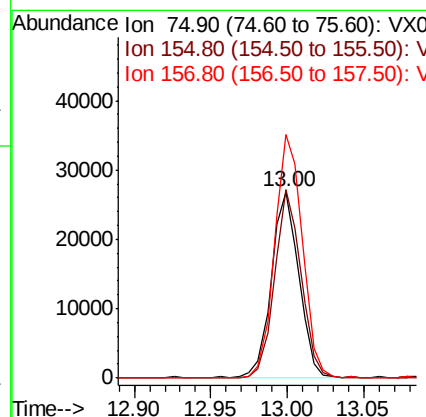
Manual Integrations
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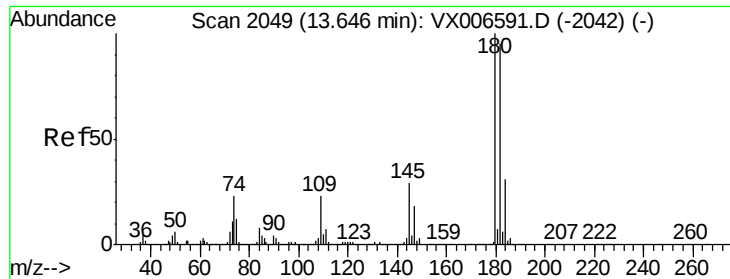
MMDadoda
 1/3/2019 9:43:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.696 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006874.D
 Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	50.6	151.8
157	131.1	64.6	193.8





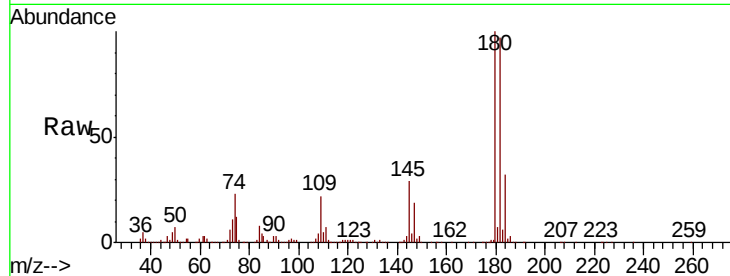
#93
1,2,4-Trichlorobenzene
Concen: 18.873 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

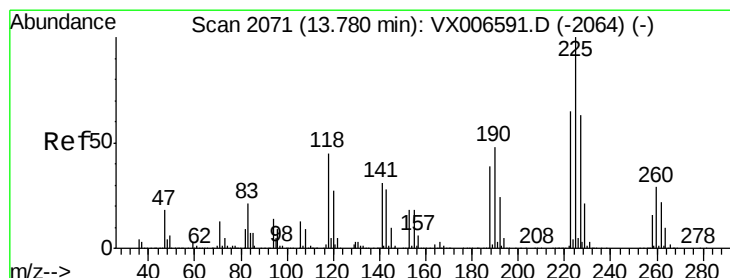
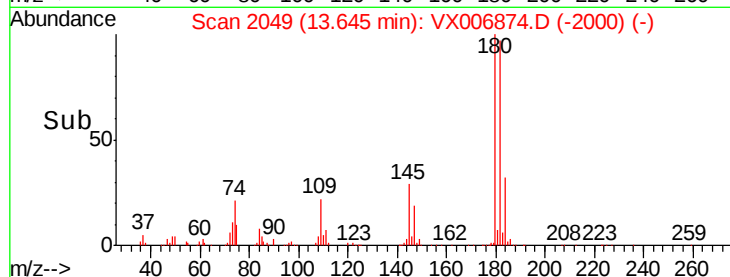
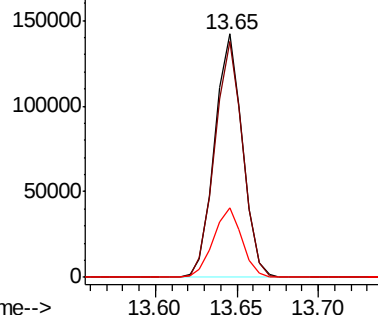
Tot Ion	Ratio	Resp	Lower	Upper
180	100	169601		
182	97.6	47.3	142.0	
145	29.2	14.8	44.3	

Manual Integrations
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1/3/2019 9:43:08 AM

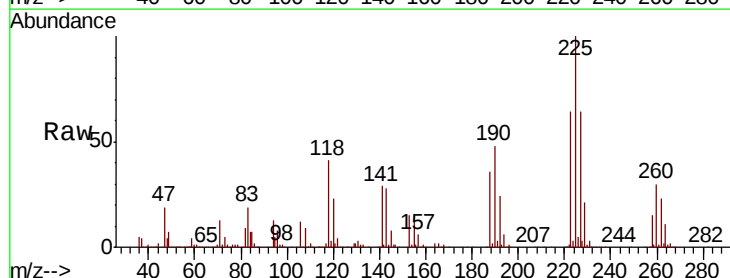


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

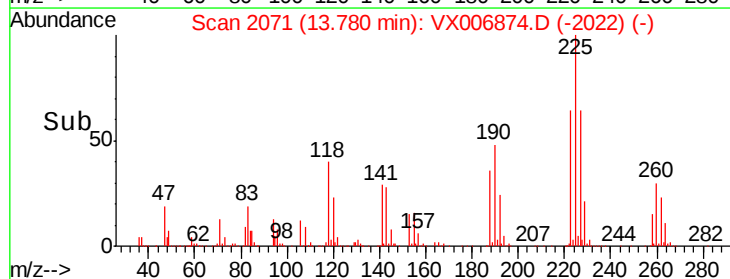
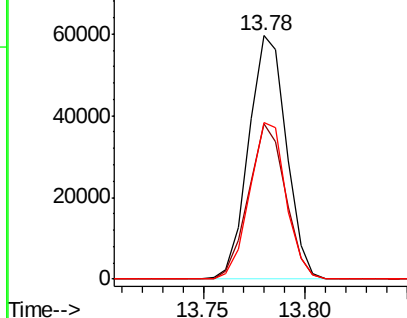


#94
Hexachlorobutadiene
Concen: 18.024 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX006874.D
Acq: 02 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76343		
223	62.8	32.1	96.3	
227	62.5	32.3	96.8	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.283 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Instrument :

MSVOA_X

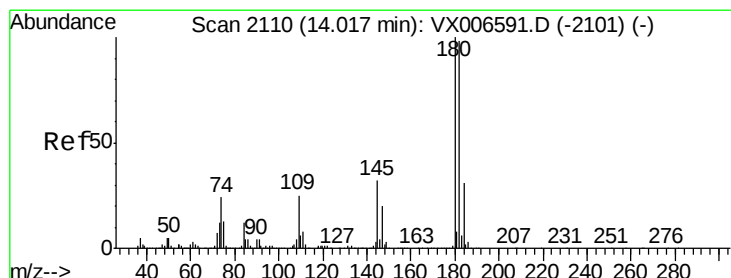
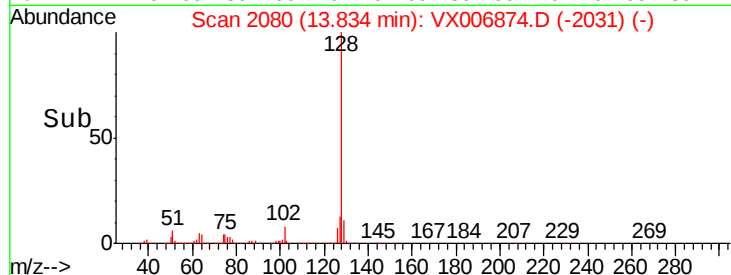
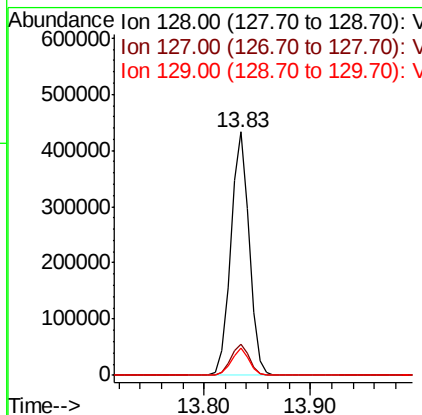
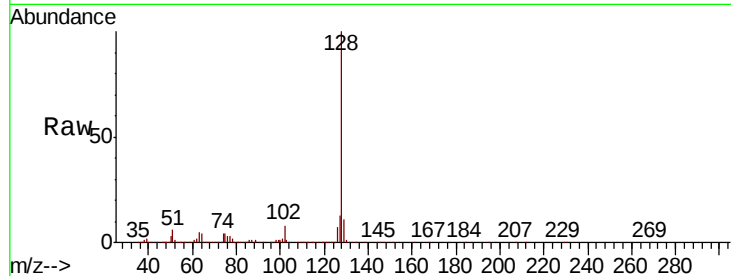
ClientSampleId :

VX0102MBS01

Tot Ion:	128	Resp:	524390
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
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1/3/2019 9:43:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.283 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006874.D

Acq: 02 Jan 2019 11:51

Tgt Ion:	180	Resp:	169637
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.5	145.5
145	30.9	16.0	47.9

