

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007715.D
 Acq On : 26 Feb 2019 15:59
 Operator : JC/SP
 Sample : VX0226WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0226WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 10:06:56 AM

Quant Time: Feb 27 00:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	316876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219107	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191766	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	172229	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	632179	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	216299	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58496	20.039	ug/l	96
3) Chloromethane	1.33	50	60969	18.848	ug/l	98
4) Vinyl Chloride	1.41	62	63696	19.193	ug/l	96
5) Bromomethane	1.64	94	45425	20.823	ug/l	99
6) Chloroethane	1.73	64	43454	20.495	ug/l	99
7) Trichlorofluoromethane	1.93	101	101718	19.993	ug/l	99
8) Diethyl Ether	2.20	74	39826	19.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59485	19.345	ug/l	94
10) Methyl Iodide	2.51	142	78872	20.599	ug/l	95
11) Tert butyl alcohol	3.07	59	76994	103.386	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	57325	20.682	ug/l	98
13) Acrolein	2.30	56	43472	65.690	ug/l	95
14) Allyl chloride	2.73	41	101712	19.846	ug/l	98
15) Acrylonitrile	3.15	53	179573	102.463	ug/l	99
16) Acetone	2.45	43	168571	96.575	ug/l	100
17) Carbon Disulfide	2.57	76	148547	19.263	ug/l	99
18) Methyl Acetate	2.78	43	79693	20.923	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	193869	20.085	ug/l	98
20) Methylene Chloride	2.86	84	64392	19.978	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60905	20.212	ug/l	93
22) Diisopropyl ether	3.87	45	206726	19.376	ug/l	98
23) Vinyl Acetate	3.82	43	901858	96.348	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115696	19.953	ug/l	99
25) 2-Butanone	4.70	43	263479	99.096	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79060	17.081	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	77236	20.144	ug/l	97
28) Bromochloromethane	5.02	49	56207	19.912	ug/l	97
29) Tetrahydrofuran	5.16	42	168371	96.067	ug/l	98
30) Chloroform	5.21	83	123595	19.899	ug/l	94
31) Cyclohexane	5.57	56	99146	18.178	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	100214	19.510	ug/l	99
36) 1,1-Dichloropropene	5.80	75	87321	19.155	ug/l	100
37) Ethyl Acetate	4.85	43	96061	18.970	ug/l	97
38) Carbon Tetrachloride	5.79	117	86421	18.872	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 VX0226WBS01

Manual Integrations
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Quant Time: Feb 27 00:25:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104428	18.125	ug/l	96
40) Benzene	6.15	78	278037	19.758	ug/l	99
41) Methacrylonitrile	5.06	41	53812	19.901	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93057	19.674	ug/l	98
43) Isopropyl Acetate	6.46	43	151959	19.498	ug/l	99
44) Trichloroethene	7.21	130	75860	19.596	ug/l	93
45) 1,2-Dichloropropane	7.51	63	70184	19.253	ug/l	98
46) Dibromomethane	7.66	93	48957	19.251	ug/l	93
47) Bromodichloromethane	7.90	83	84750	19.230	ug/l	99
48) Methyl methacrylate	7.77	41	76866	18.815	ug/l	99
49) 1,4-Dioxane	7.75	88	34923	395.792	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	509407	97.645	ug/l	100
52) Toluene	8.78	92	175069	19.729	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	89481	18.219	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102013	19.075	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	74157	20.040	ug/l	96
56) Ethyl methacrylate	9.18	69	101363	19.262	ug/l	98
57) 1,3-Dichloropropane	9.37	76	117188	19.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	285456	98.370	ug/l	100
59) 2-Hexanone	9.49	43	394888	96.414	ug/l	100
60) Dibromochloromethane	9.58	129	69347	19.476	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76671	19.956	ug/l	100
64) Tetrachloroethene	9.33	164	72765	19.812	ug/l	97
65) Chlorobenzene	10.14	112	193607	19.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	66697	19.541	ug/l	98
67) Ethyl Benzene	10.25	91	315345	19.454	ug/l	100
68) m/p-Xylenes	10.36	106	247007	39.170	ug/l	100
69) o-Xylene	10.69	106	116752	19.248	ug/l	97
70) Styrene	10.71	104	193329	19.391	ug/l	99
71) Bromoform	10.85	173	47367	18.506	ug/l	98
73) Isopropylbenzene	11.02	105	317155	20.253	ug/l	99
74) N-amyl acetate	10.90	43	132566	19.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	110249	20.355	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	100138m	21.441	ug/l	
77) Bromobenzene	11.26	156	80935	20.606	ug/l	92
78) n-propylbenzene	11.36	91	352870	19.941	ug/l	98
79) 2-Chlorotoluene	11.42	91	211914	19.889	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	255519	19.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26478	17.287	ug/l	94
82) 4-Chlorotoluene	11.51	91	240280	19.277	ug/l	98
83) tert-Butylbenzene	11.77	119	247879	20.042	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	265116	20.121	ug/l	99
85) sec-Butylbenzene	11.94	105	307870	19.865	ug/l	99
86) p-Isopropyltoluene	12.06	119	268672	19.795	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	144038	19.770	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	145671	19.523	ug/l	98
89) n-Butylbenzene	12.38	91	223281	18.446	ug/l	99
90) Hexachloroethane	12.60	117	44374	19.404	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	145189	19.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21729	18.412	ug/l	91

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0226WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85425	19.197	ug/l	98
94) Hexachlorobutadiene	13.78	225	39331	19.321	ug/l	98
95) Naphthalene	13.83	128	293951	20.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87888	19.670	ug/l	98

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

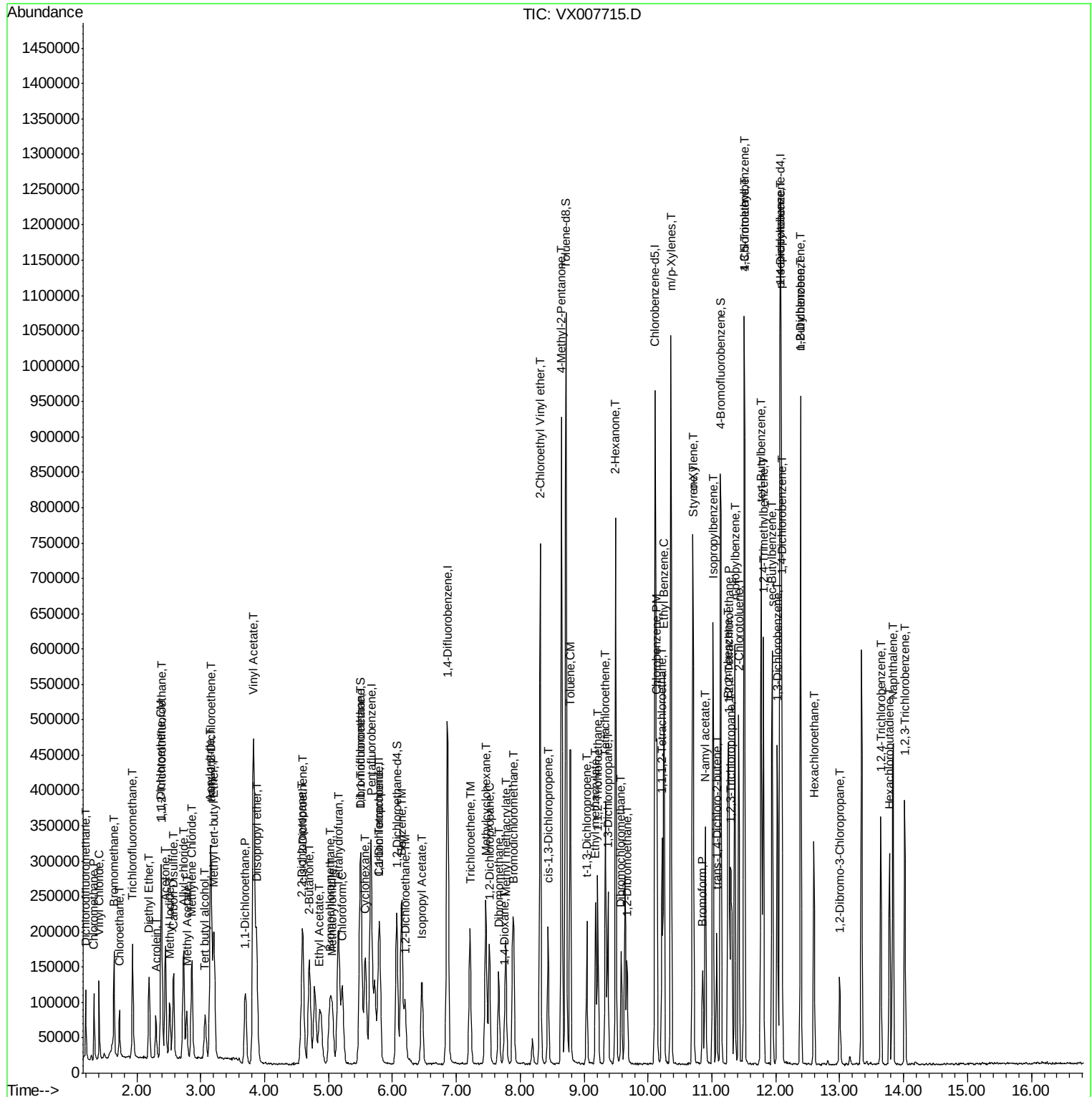
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022619\
Data File : VX007715.D
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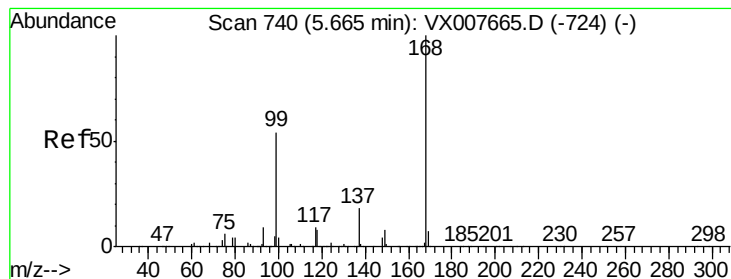
Instrument :
MSVOA_X
Client Sampled :
VX0226WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion:168 Resp: 316876

Ion Ratio Lower Upper

168 100

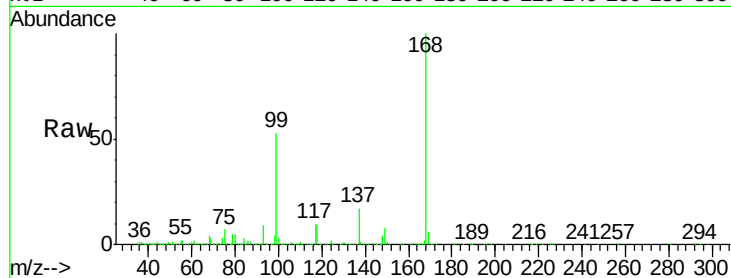
99 52.8 37.9 56.9

Manual Integrations

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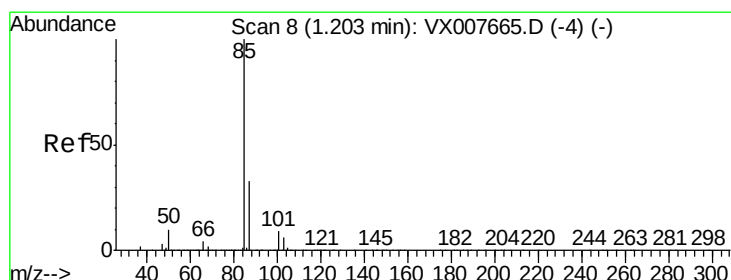
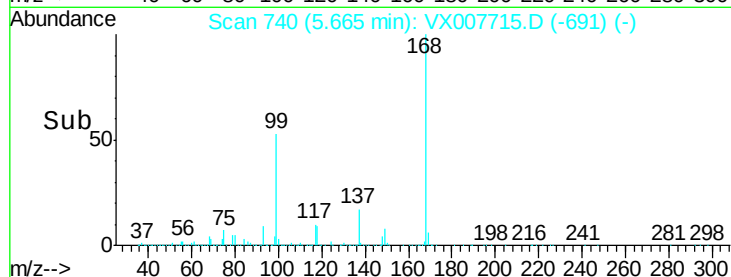
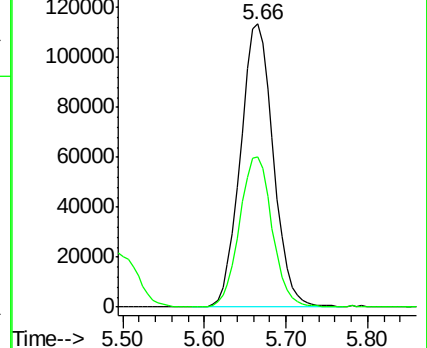
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.039 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007715.D

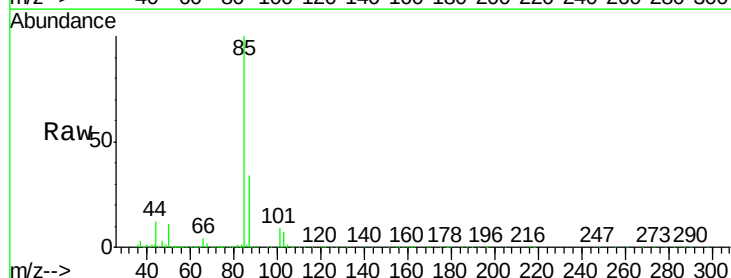
Acq: 26 Feb 2019 15:59

Tgt Ion: 85 Resp: 58496

Ion Ratio Lower Upper

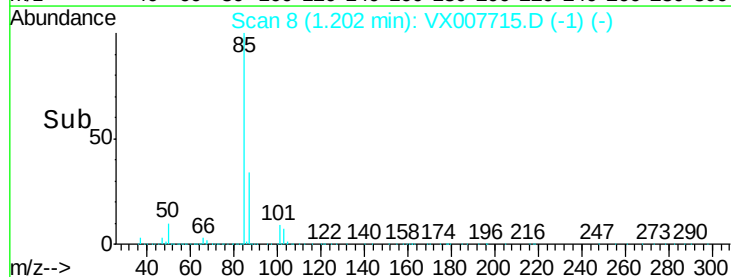
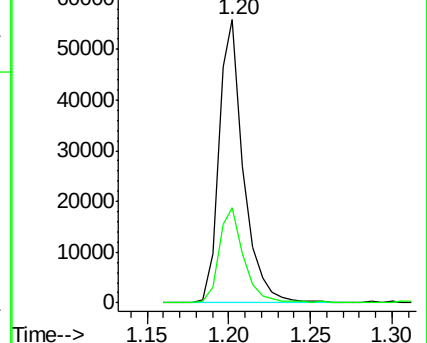
85 100

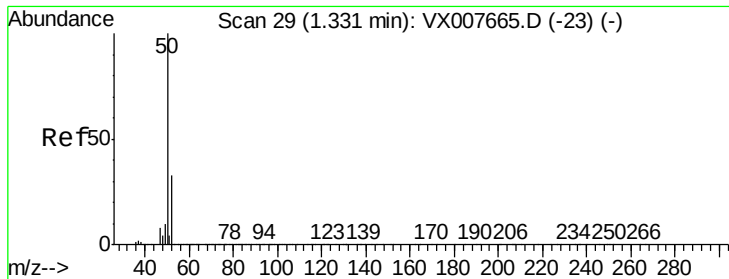
87 33.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.848 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 50 Resp: 60969

Ion Ratio Lower Upper

50 100

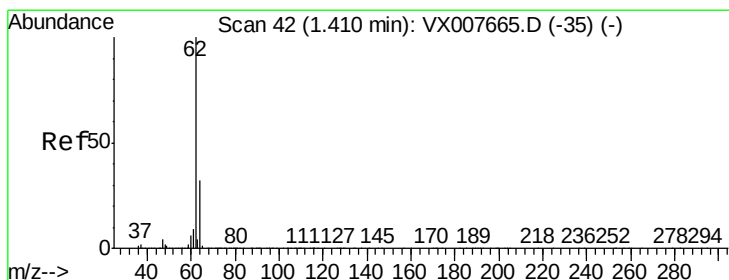
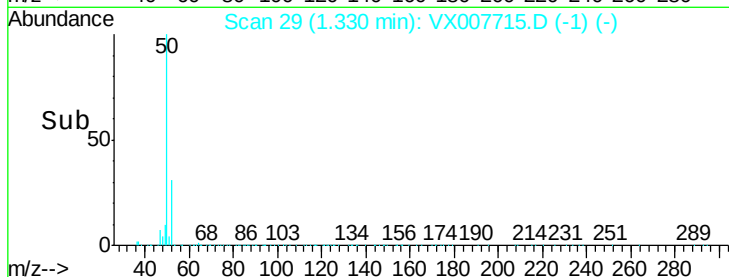
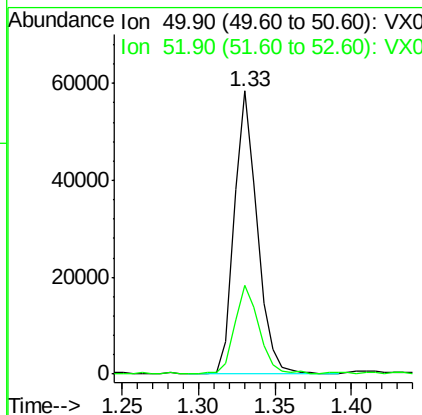
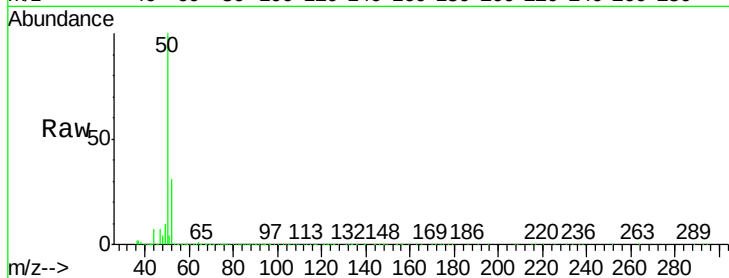
52 31.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.193 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007715.D

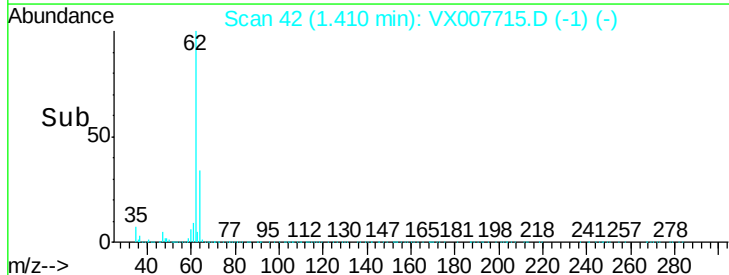
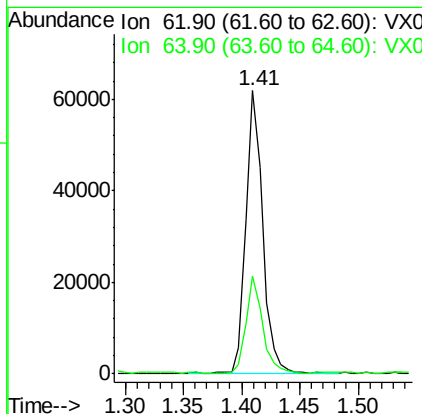
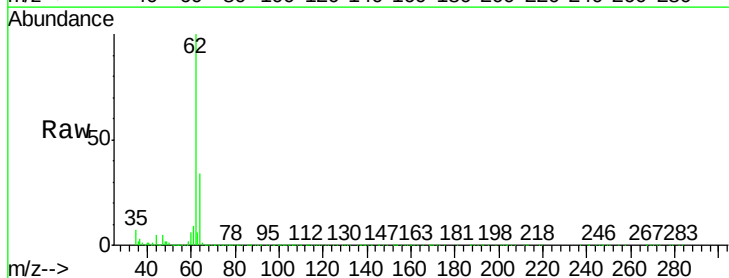
Acq: 26 Feb 2019 15:59

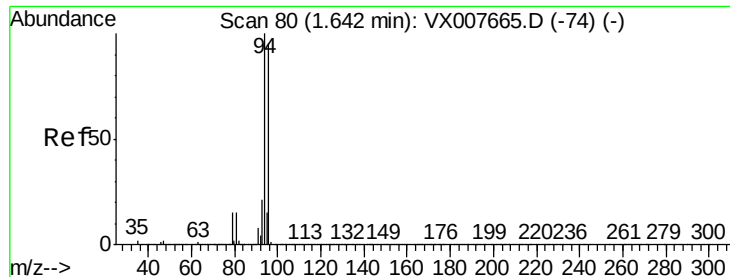
Tgt Ion: 62 Resp: 63696

Ion Ratio Lower Upper

62 100

64 33.9 25.4 38.0





#5

Bromomethane

Concen: 20.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 94 Resp: 45425

Ion Ratio Lower Upper

94 100

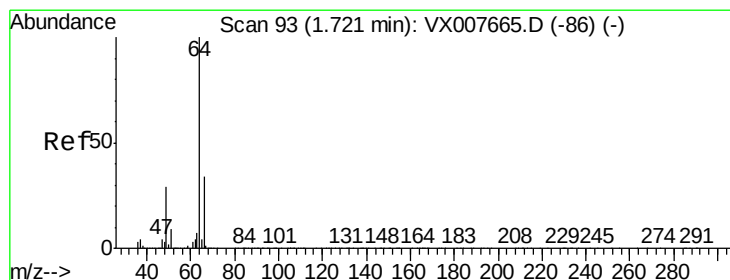
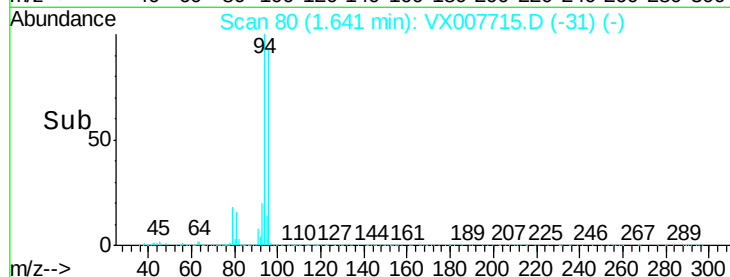
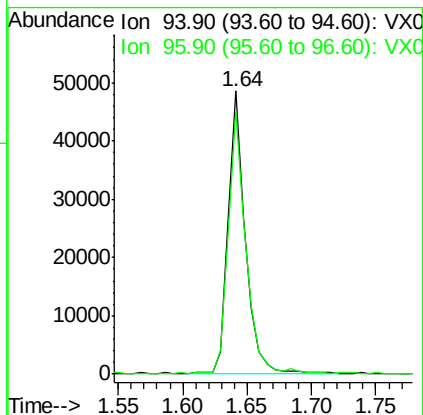
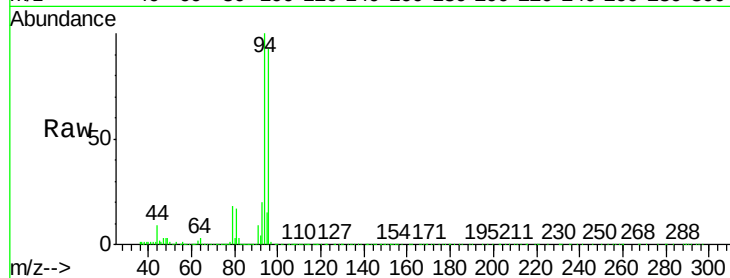
96 93.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 20.495 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007715.D

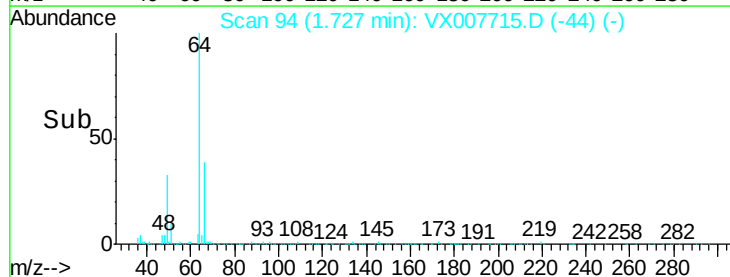
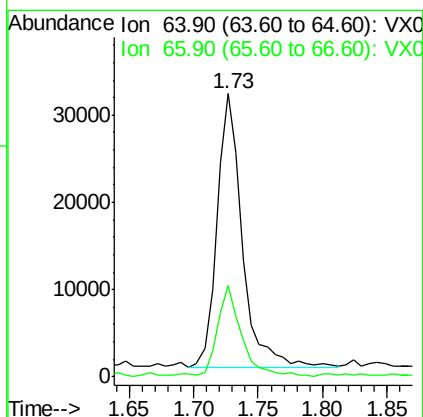
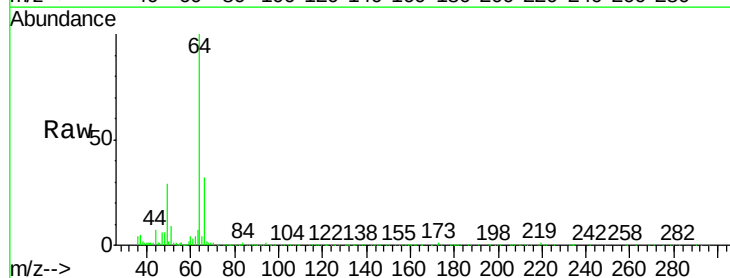
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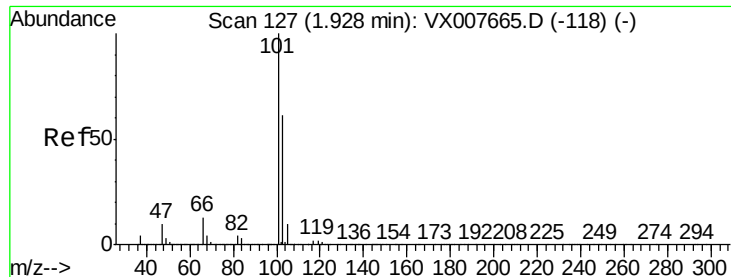
Tgt Ion: 64 Resp: 43454

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

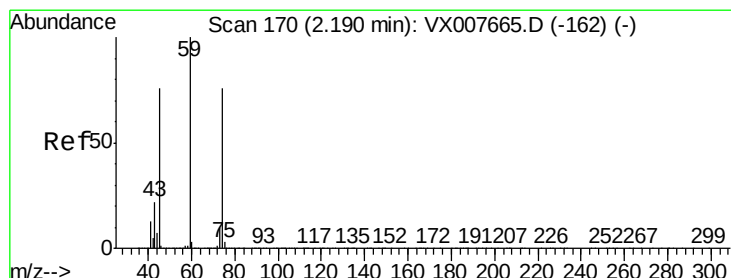
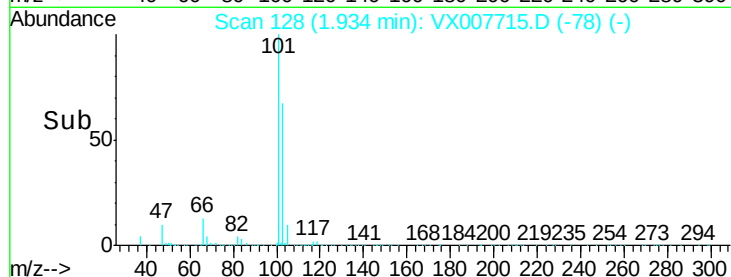
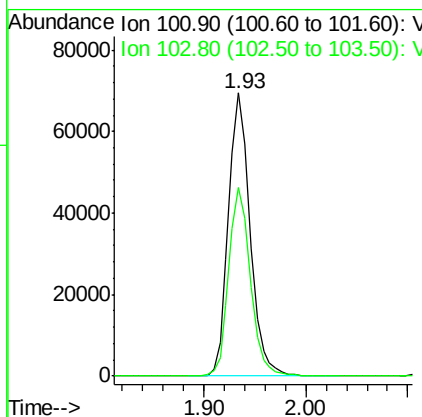
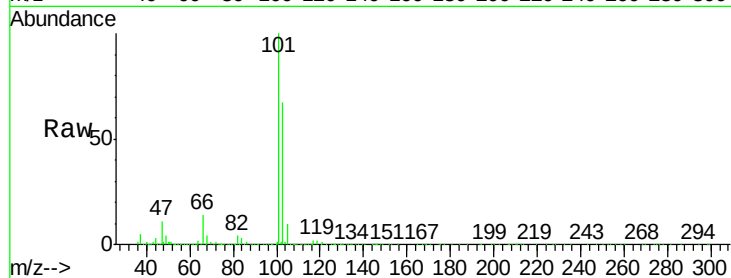
Trichlorofluoromethane
Concen: 19.993 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
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VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101718		
103	66.7	52.6	79.0	

Manual Integrations
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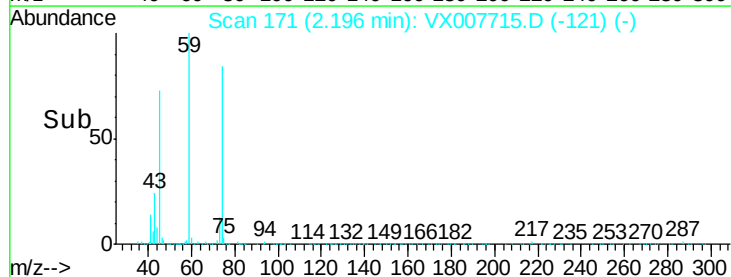
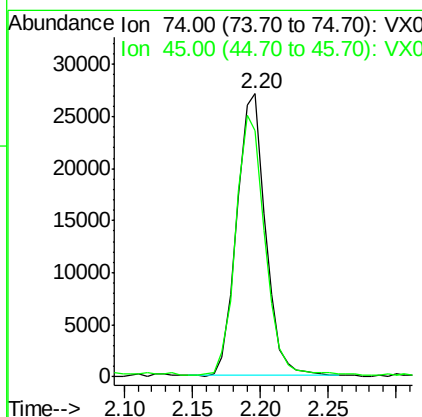
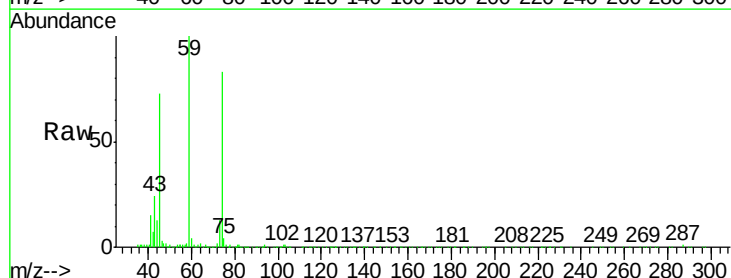
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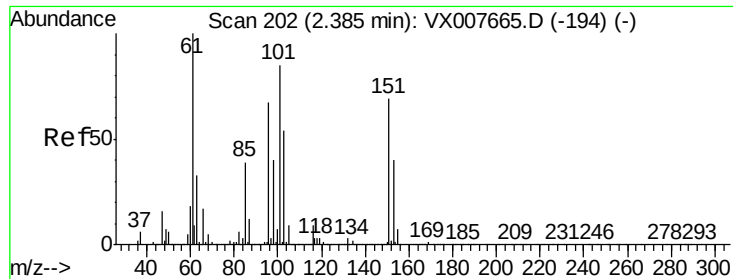


#8

Diethyl Ether
Concen: 19.074 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39826		
45	94.0	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.345 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

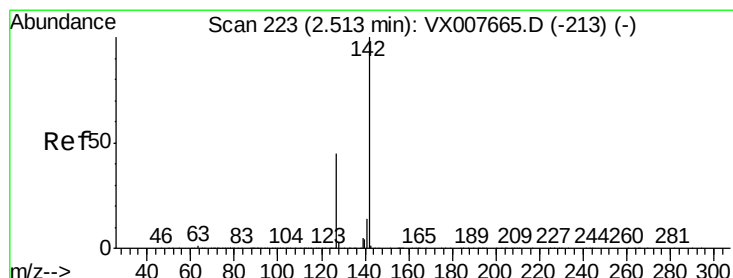
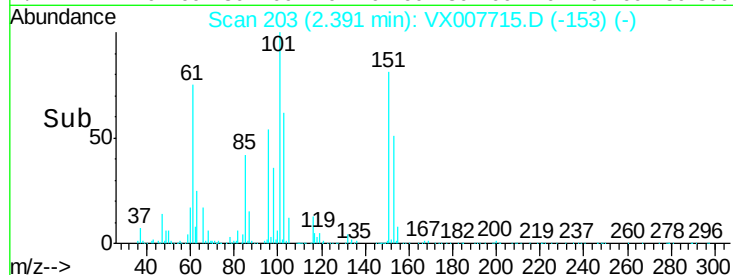
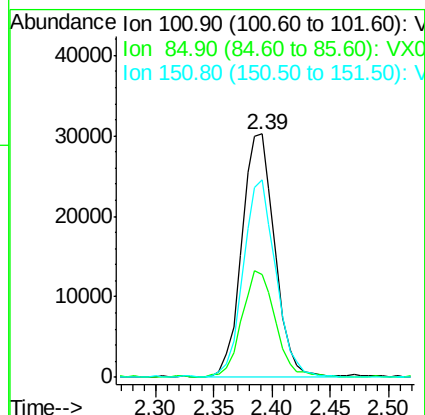
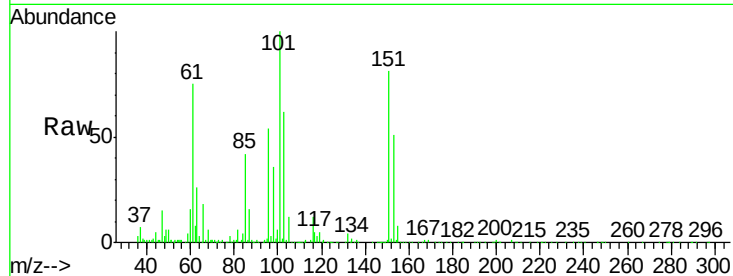
ClientSampleId :

VX0226WBS01

Tot Ion:	101	Resp:	59485
Ion Ratio	Lower	Upper	
101	100		
85	45.2	34.1	51.1
151	80.8	69.9	104.9

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#10

Methyl Iodide

Concen: 20.599 ug/l

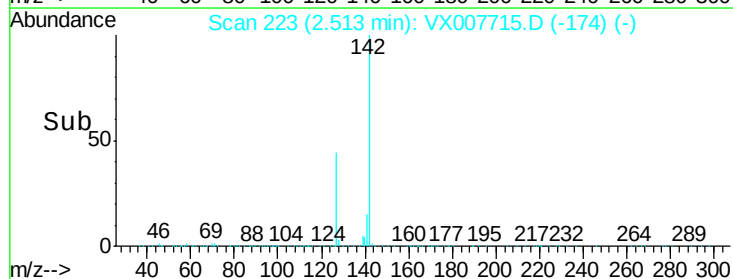
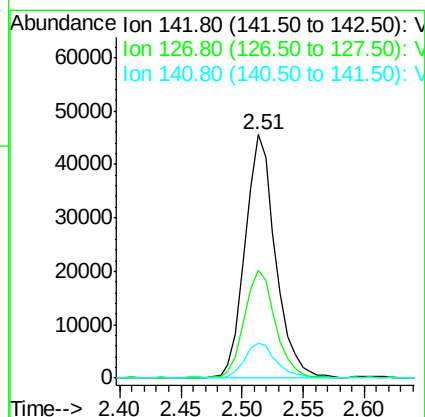
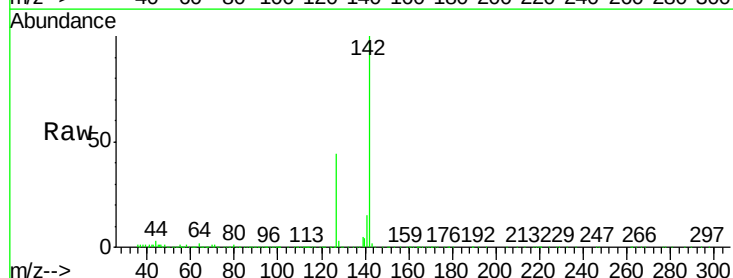
RT: 2.51 min Scan# 223

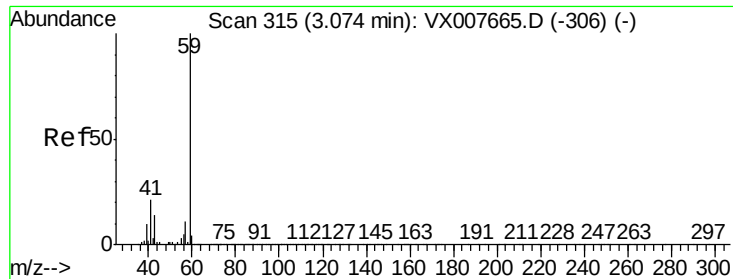
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	142	Resp:	78872
Ion Ratio	Lower	Upper	
142	100		
127	45.7	33.7	50.5
141	15.1	11.3	16.9





#11

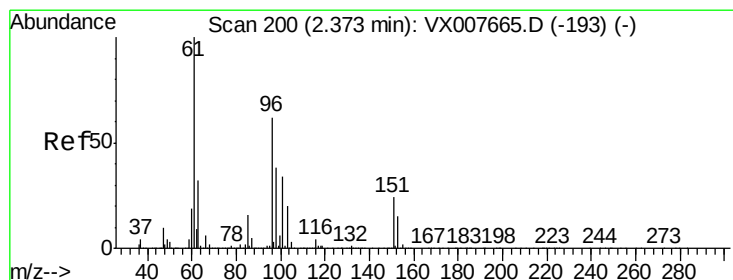
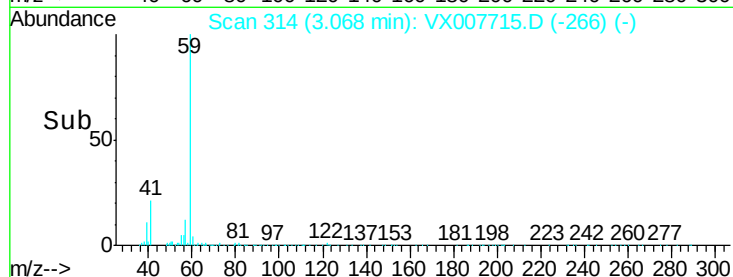
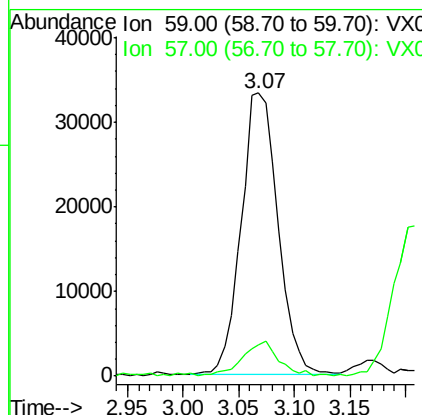
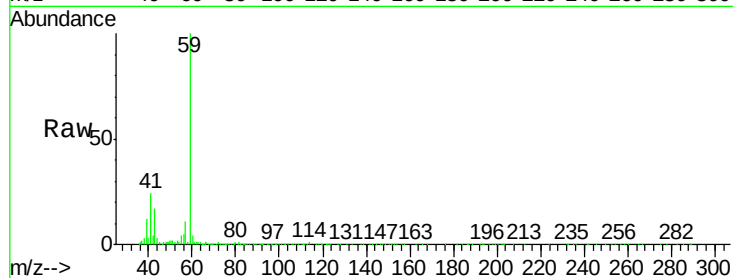
Tert butyl alcohol
Concen: 103.386 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	76994		
57	57	12.1		8.1	12.1#

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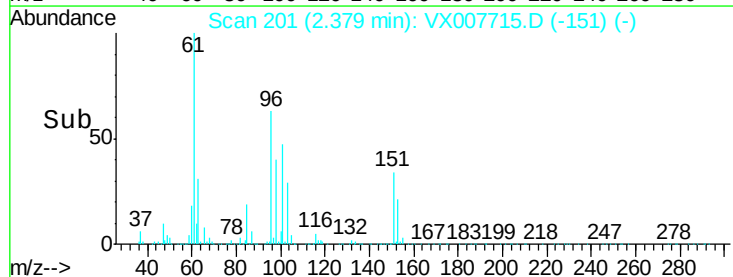
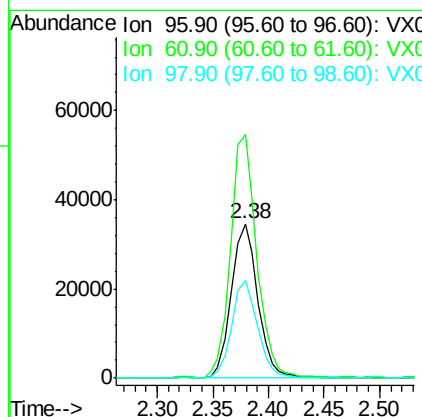
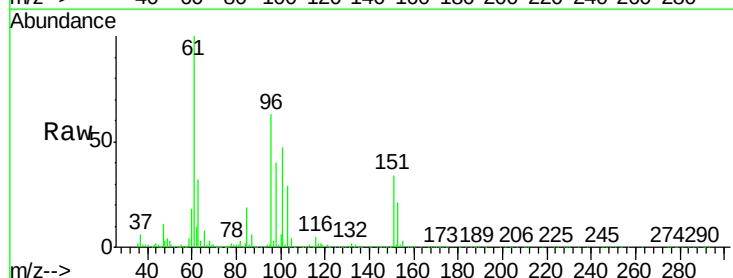
MMDadoda
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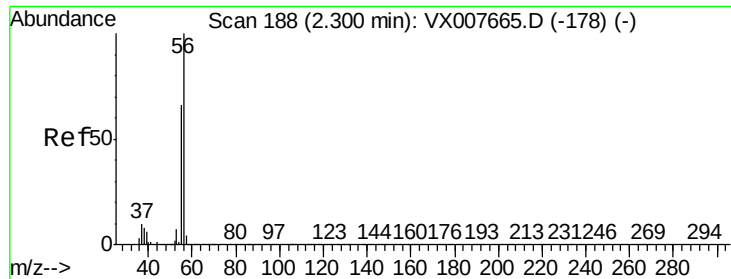


#12

1,1-Dichloroethene
Concen: 20.682 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	57325		
61	61	157.6		123.0	184.4
98	98	63.1		50.9	76.3





#13

Acrolein

Concen: 65.690 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 56 Resp: 43472

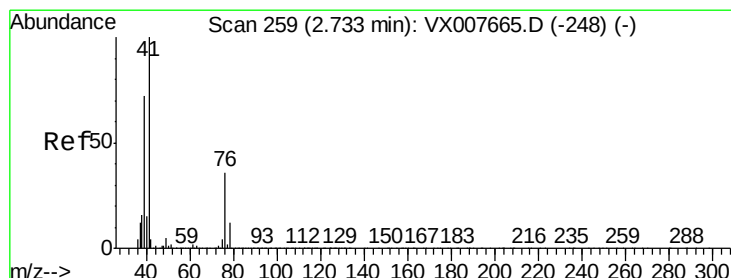
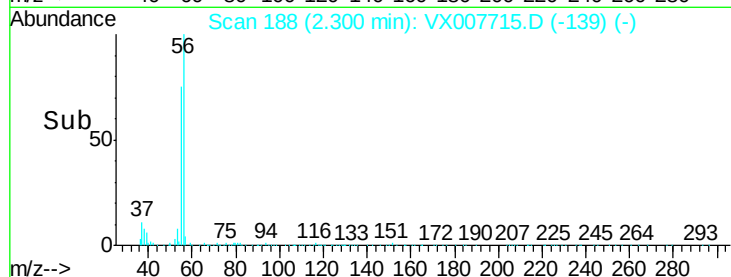
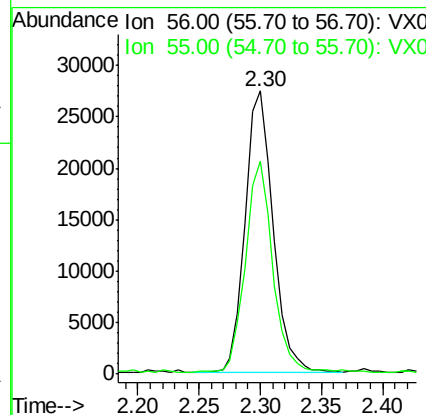
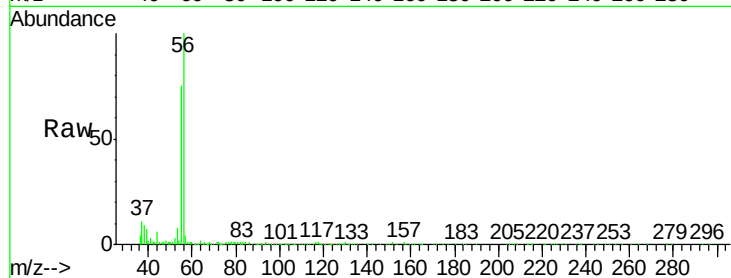
Ion Ratio Lower Upper

56 100

55 75.1 56.9 85.3

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#14

Allyl chloride

Concen: 19.846 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

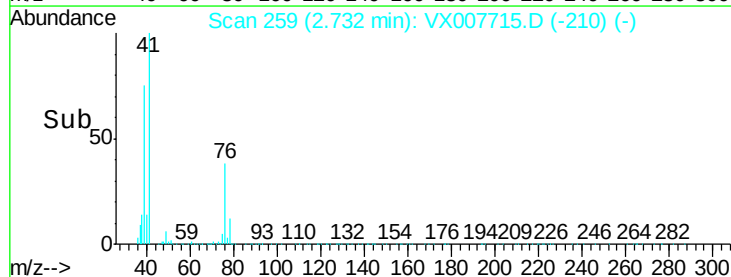
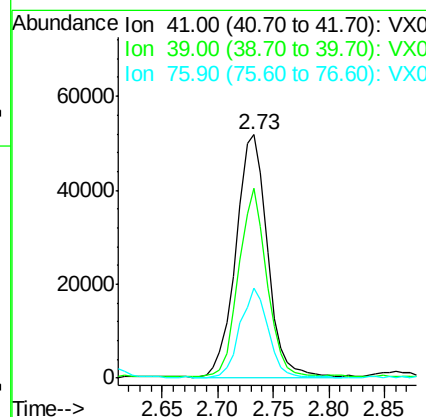
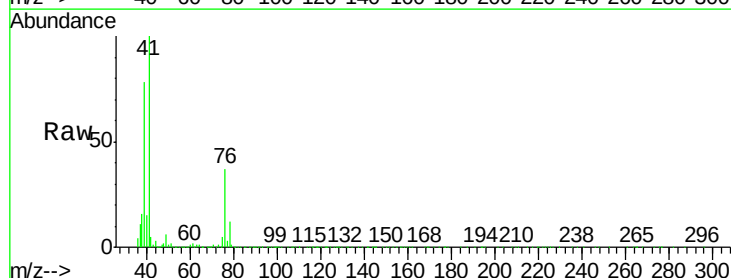
Tgt Ion: 41 Resp: 101712

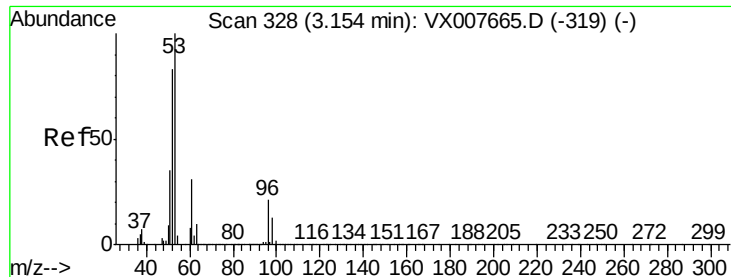
Ion Ratio Lower Upper

41 100

39 69.0 54.1 81.1

76 32.8 27.8 41.8





#15

Acrylonitrile

Concen: 102.463 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

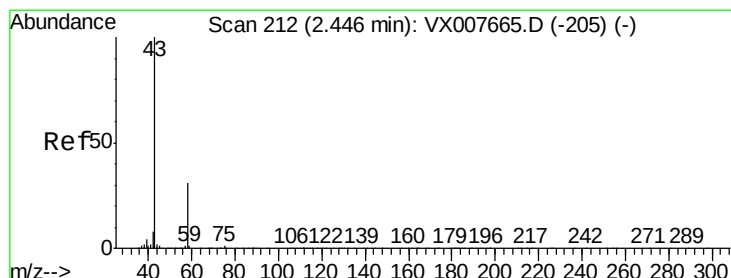
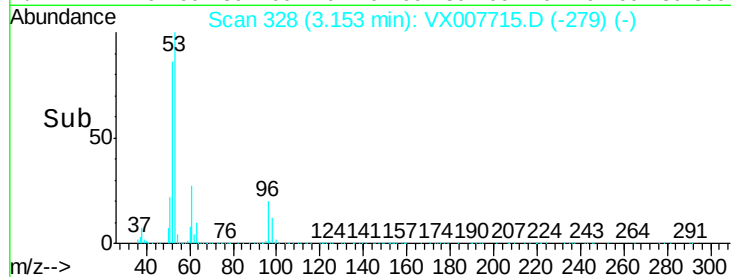
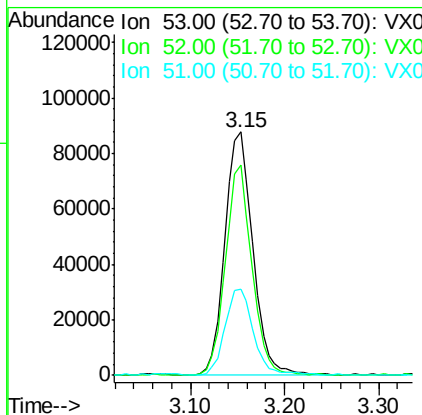
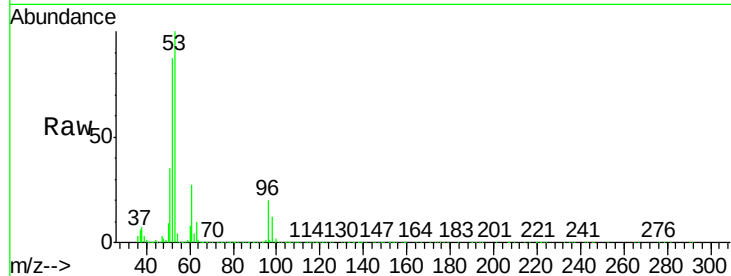
ClientSampleId :

VX0226WBS01

Tot Ion:	53	Resp:	179573
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 96.575 ug/l

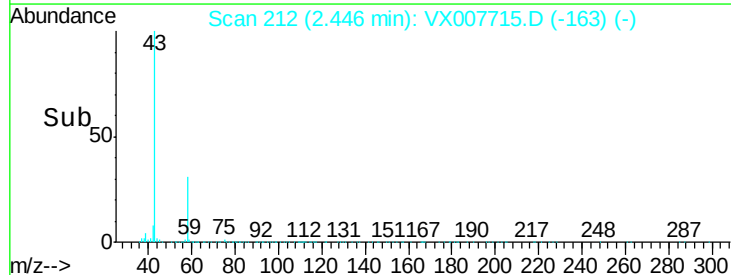
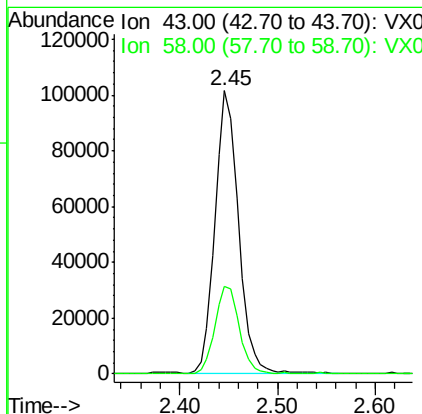
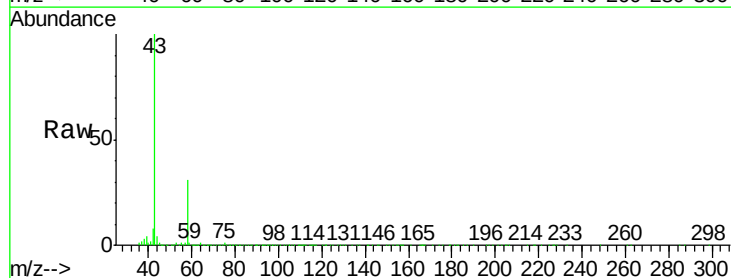
RT: 2.45 min Scan# 212

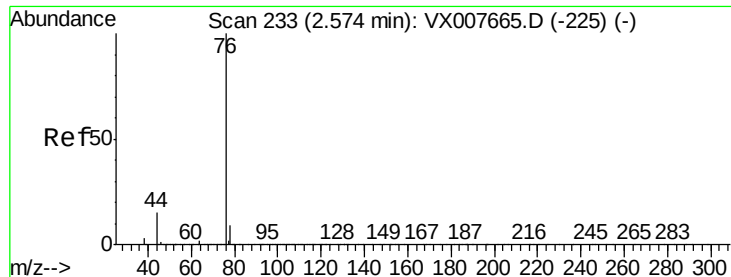
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	43	Resp:	168571
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.9	37.3





#17

Carbon Disulfide

Concen: 19.263 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 76 Resp: 148547

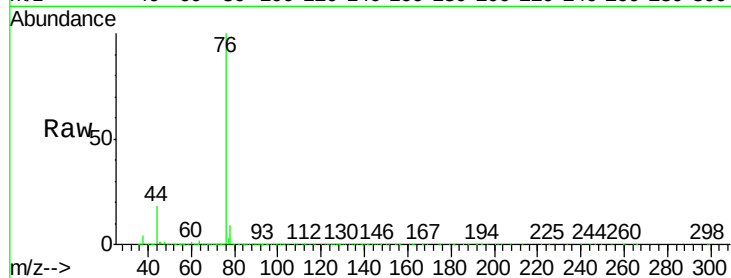
Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

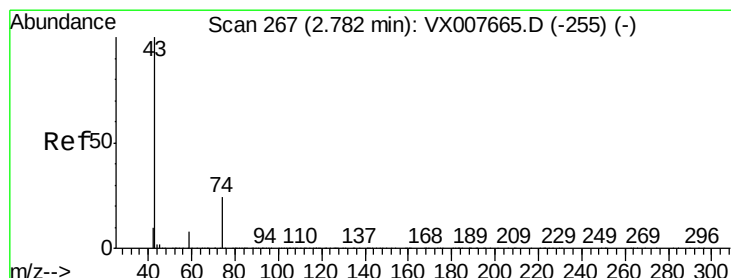
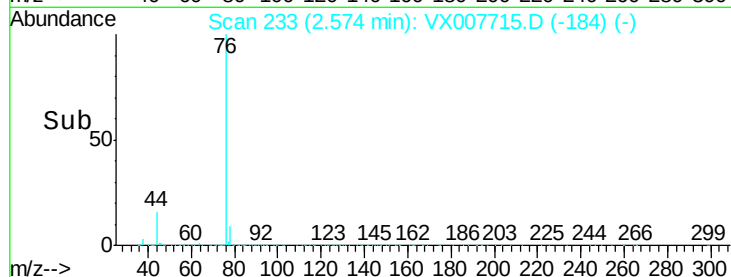
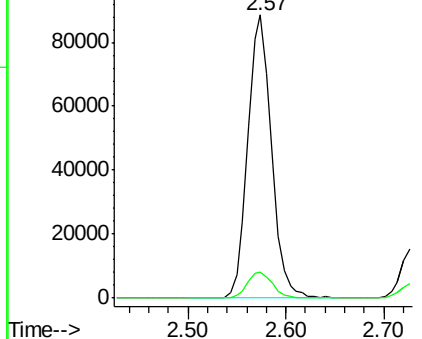
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.923 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007715.D

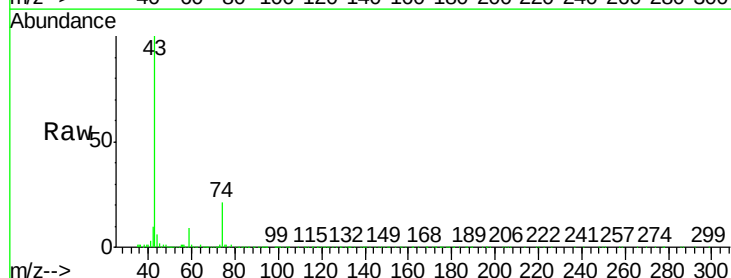
Acq: 26 Feb 2019 15:59

Tgt Ion: 43 Resp: 79693

Ion Ratio Lower Upper

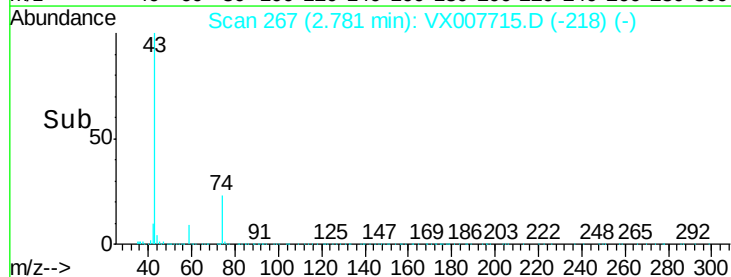
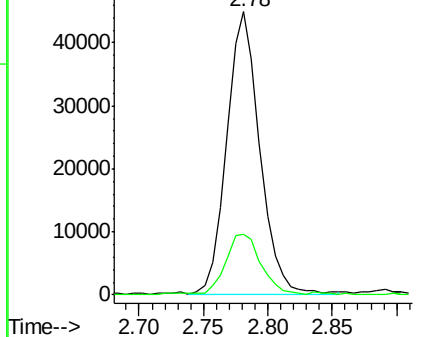
43 100

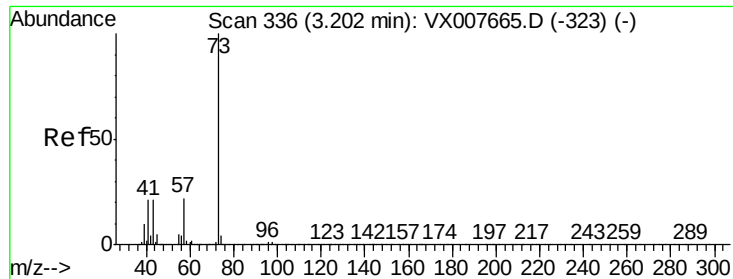
74 23.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





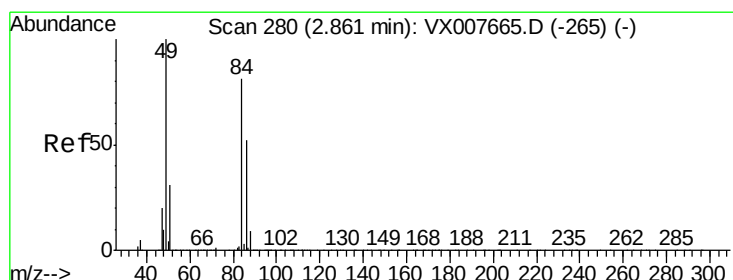
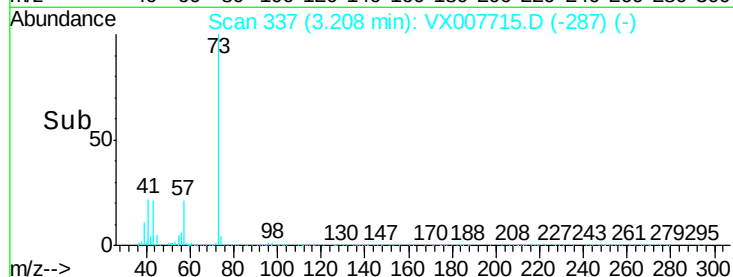
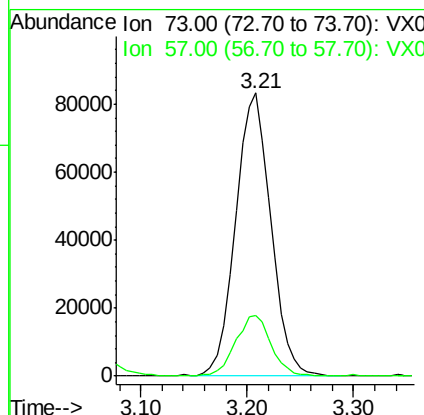
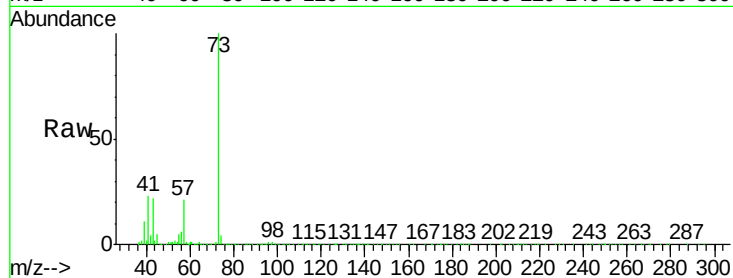
#19
Methyl tert-butyl Ether
Concen: 20.085 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.8

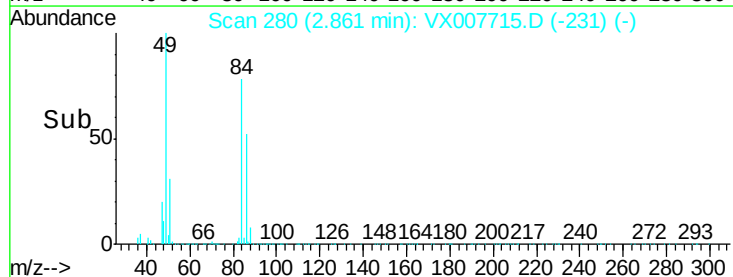
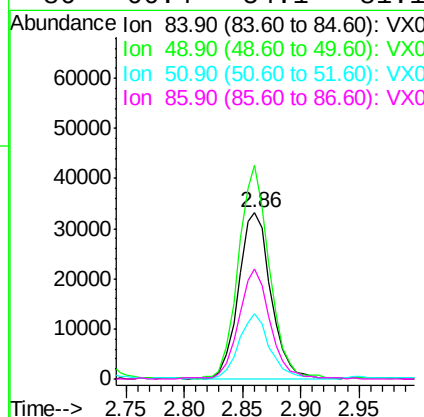
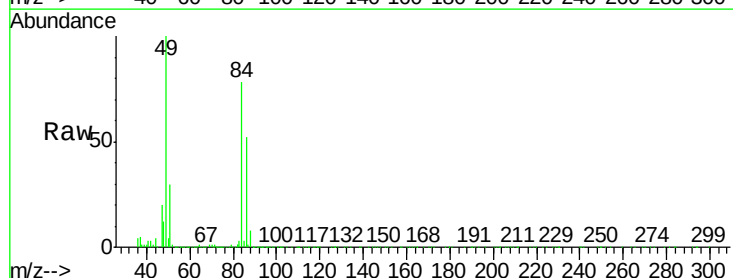
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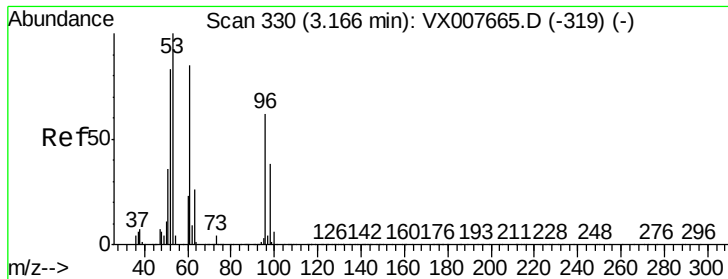
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#20
Methylene Chloride
Concen: 19.978 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	94.8	142.2
51	38.7	29.8	44.8
86	66.4	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 20.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

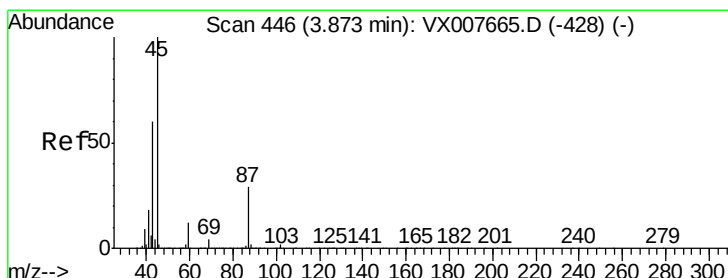
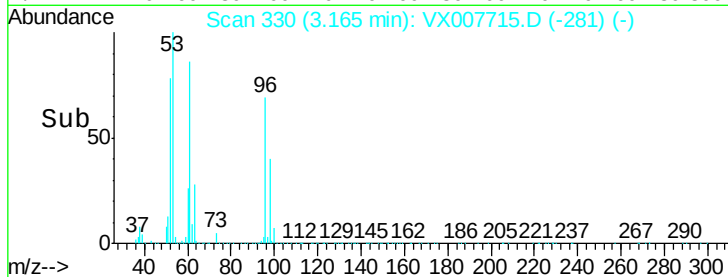
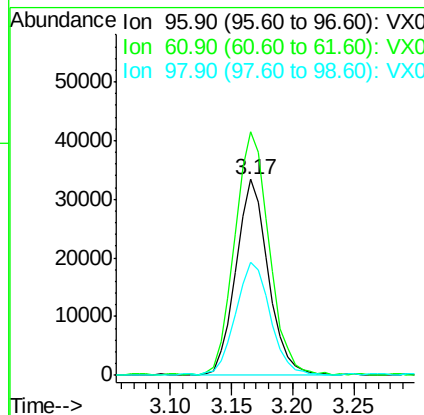
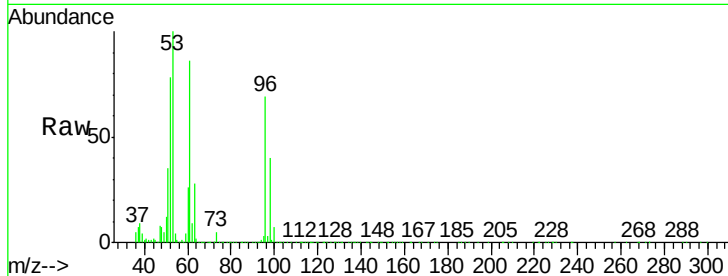
ClientSampleId :

VX0226WBS01

Tot Ion:	96	Resp:	60905
Ion	Ratio	Lower	Upper
96	100		
61	123.8	104.6	156.8
98	57.2	51.0	76.4

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#22

Diisopropyl ether

Concen: 19.376 ug/l

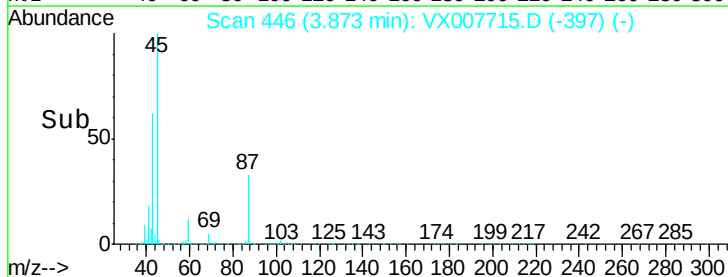
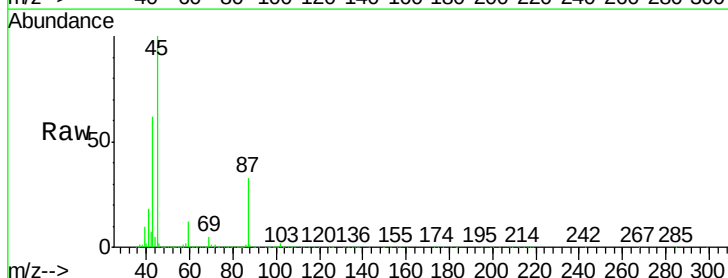
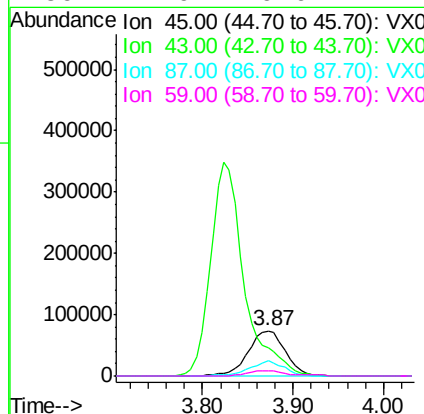
RT: 3.87 min Scan# 446

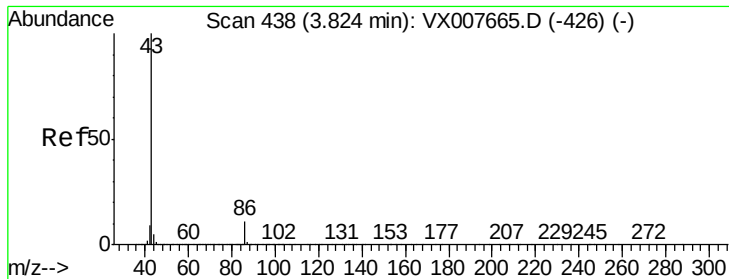
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	45	Resp:	206726
Ion	Ratio	Lower	Upper
45	100		
43	61.7	48.9	73.3
87	32.5	23.9	35.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 96.348 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 43 Resp: 901858

Ion Ratio Lower Upper

43 100

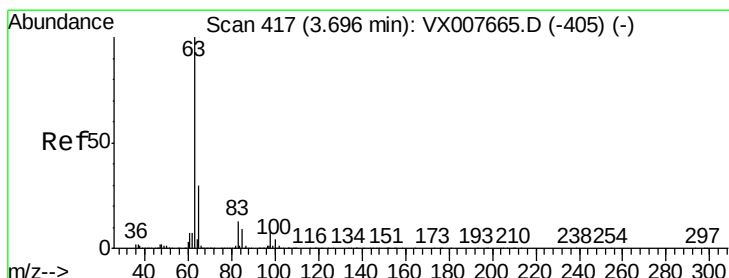
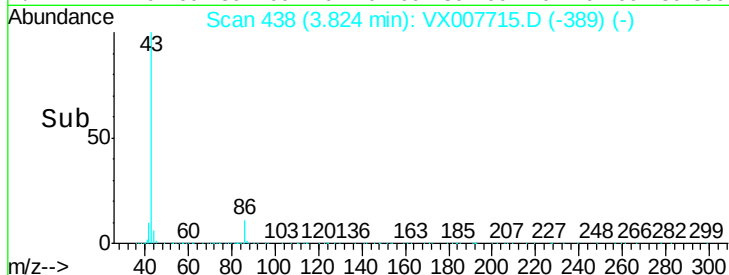
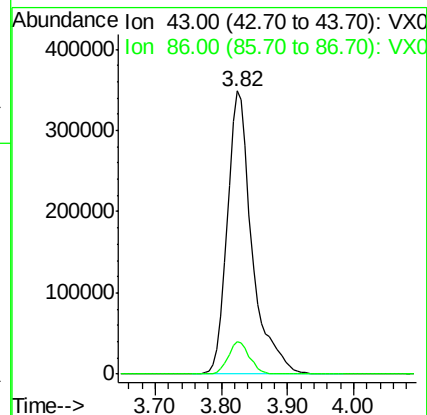
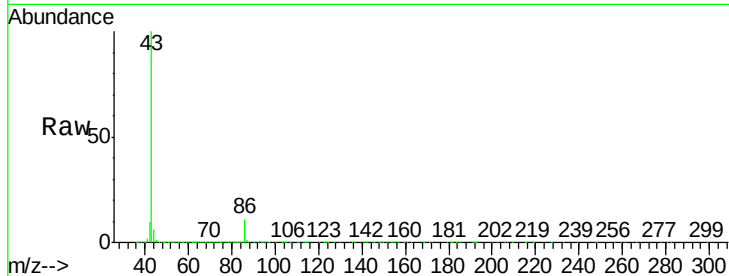
86 11.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.953 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

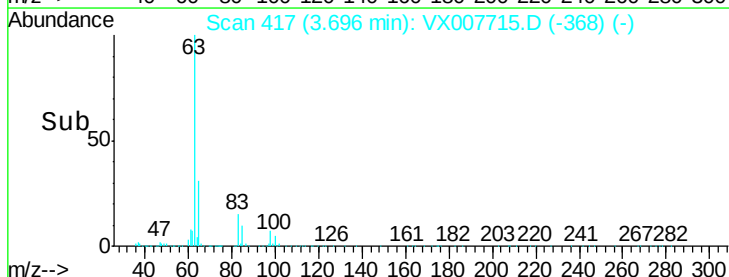
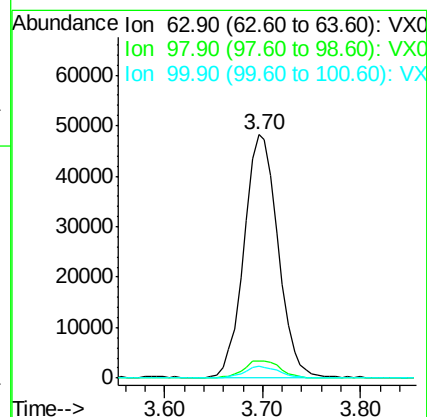
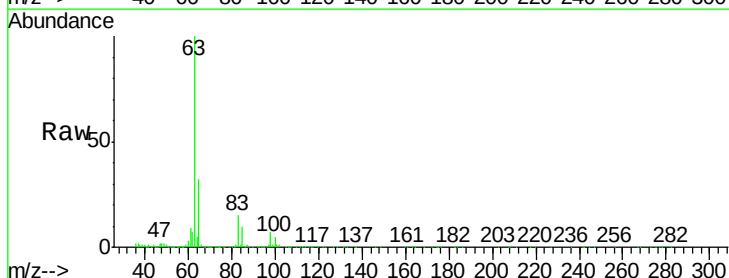
Tgt Ion: 63 Resp: 115696

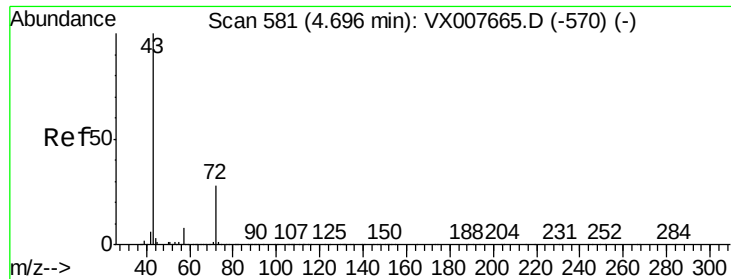
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 99.096 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

VX0226WBS01

Tot Ion: 43 Resp: 263479

Ion Ratio Lower Upper

43 100

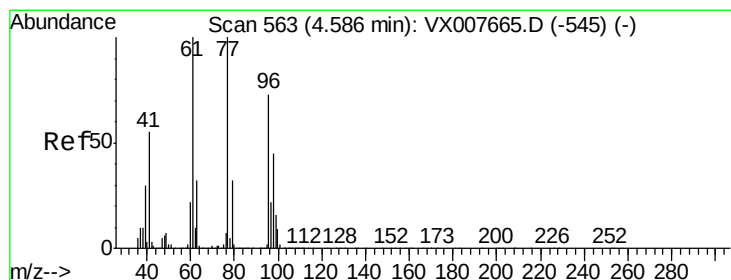
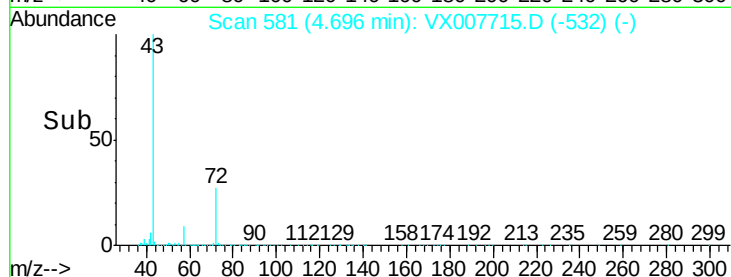
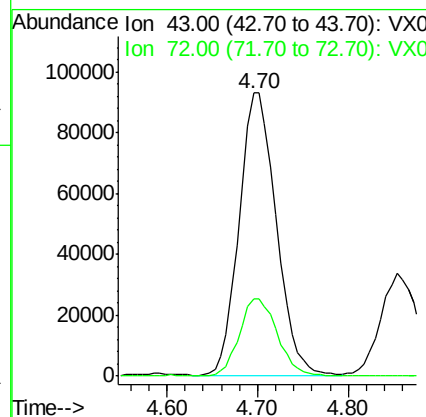
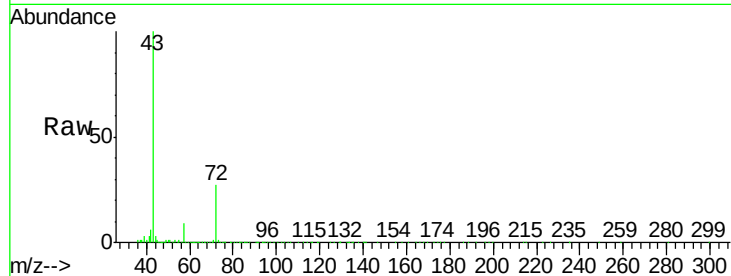
72 27.2 22.2 33.2

Manual Integrations

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2/27/2019 10:06:56 AM



#26

2,2-Dichloropropane

Concen: 17.081 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007715.D

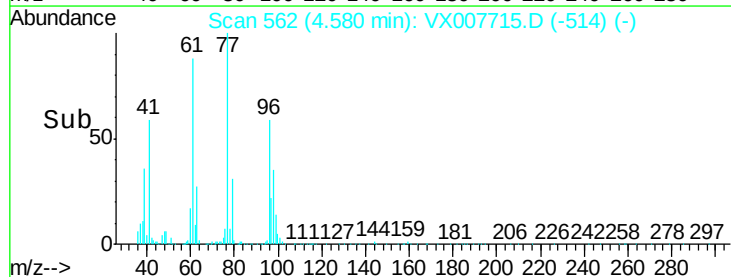
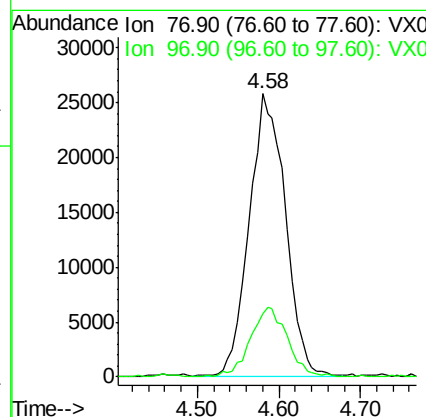
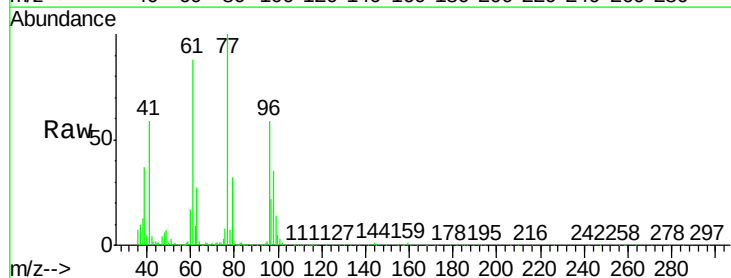
Acq: 26 Feb 2019 15:59

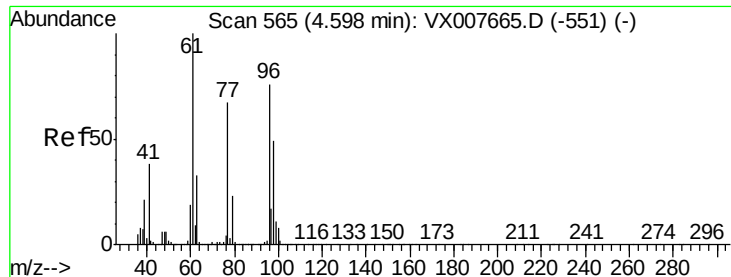
Tgt Ion: 77 Resp: 79060

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3





#27

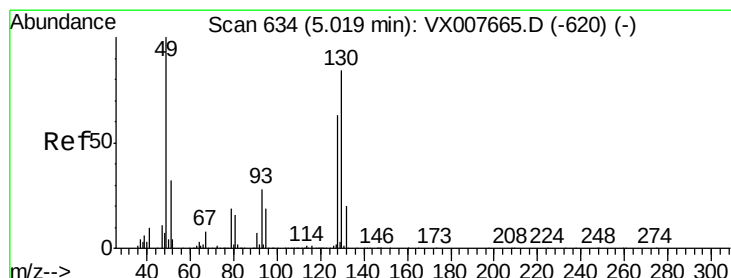
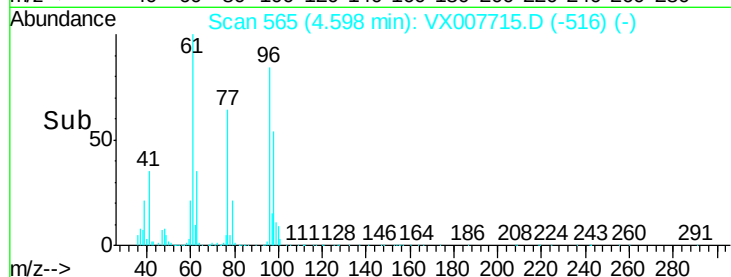
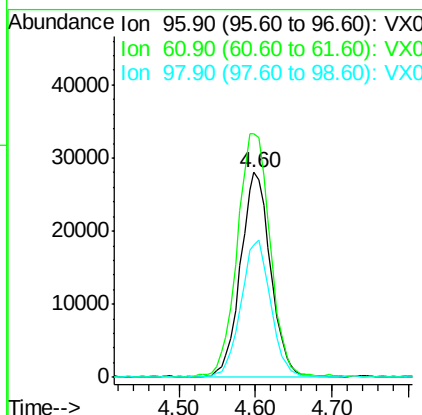
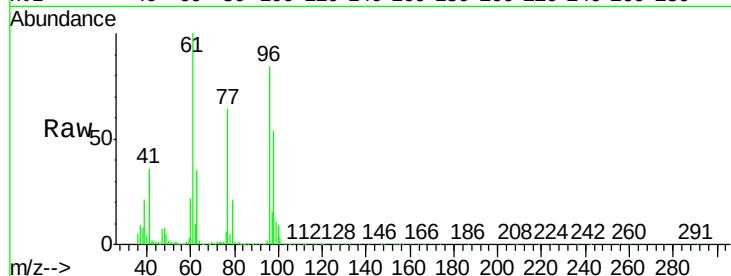
cis-1,2-Dichloroethene
Concen: 20.144 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	77236		
61	128.0		0.0	265.6
98	65.7		0.0	131.6

Manual Integrations
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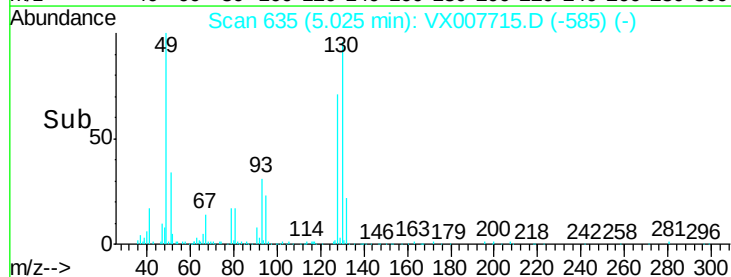
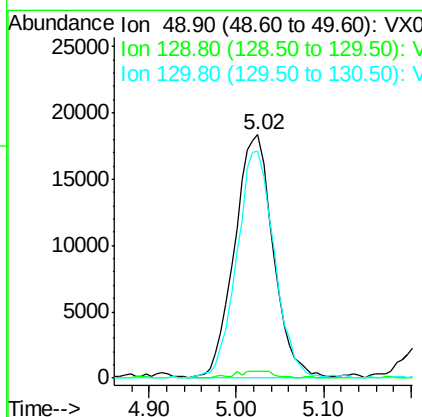
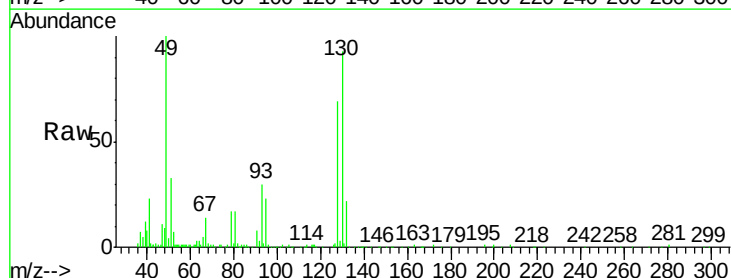
MMDadoda
2/27/2019 10:06:56 AM

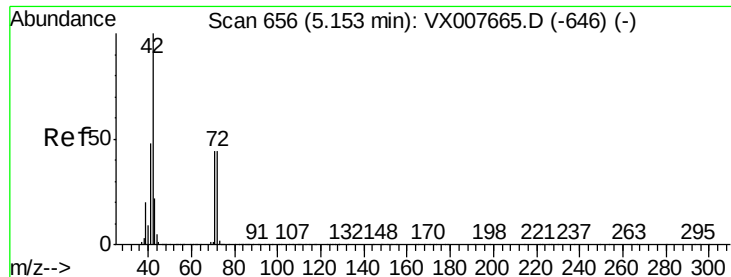


#28

Bromochloromethane
Concen: 19.912 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56207		
129	2.9		0.0	5.6
130	91.1		75.6	113.4





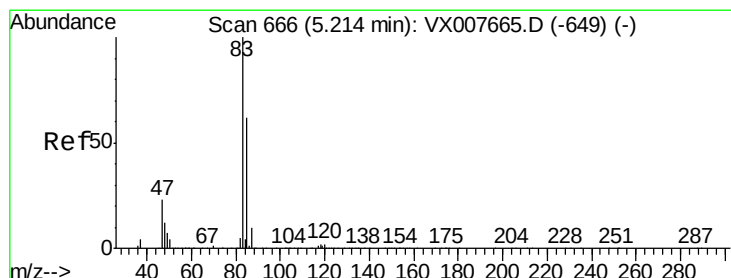
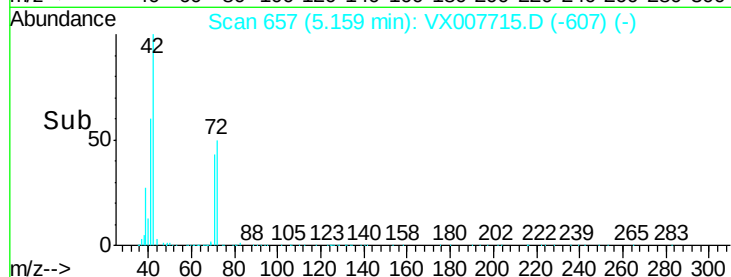
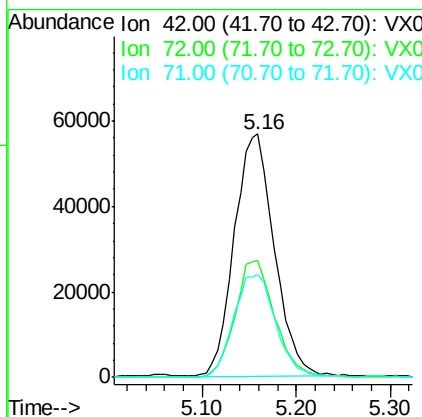
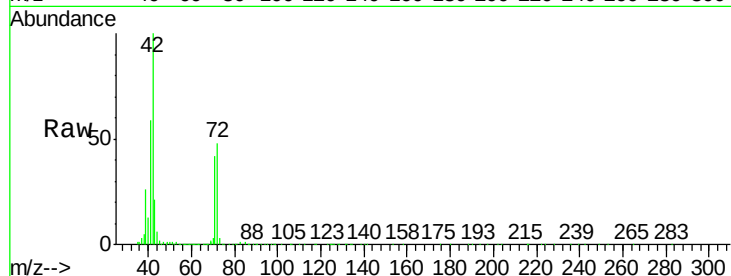
#29
Tetrahydrofuran
Concen: 96.067 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	47.8	37.6	56.4
71	44.9	34.6	51.8

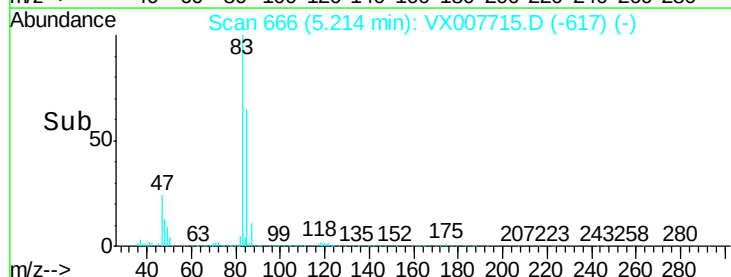
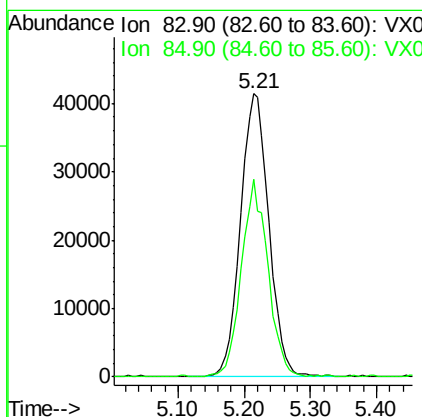
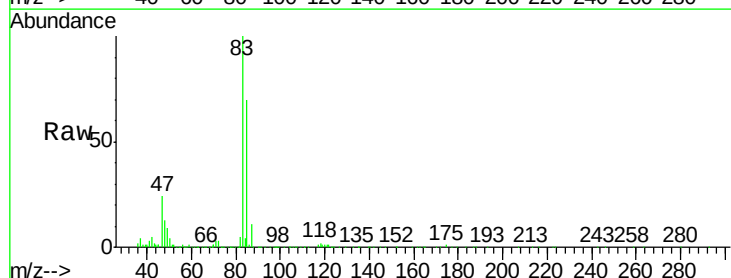
Manual Integrations
APPROVED

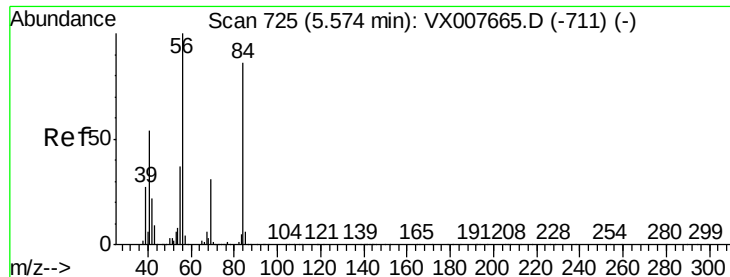
MMDadoda
2/27/2019 10:06:56 AM



#30
Chloroform
Concen: 19.899 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	69.5	51.6	77.4





#31

Cyclohexane

Concen: 18.178 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

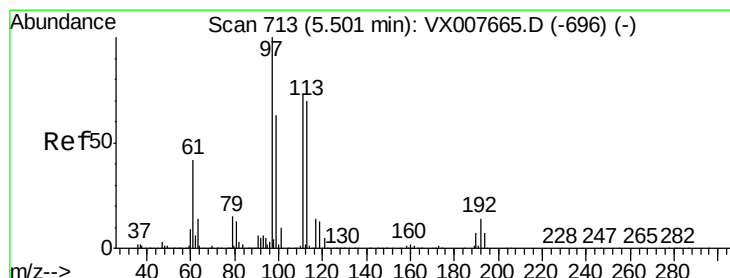
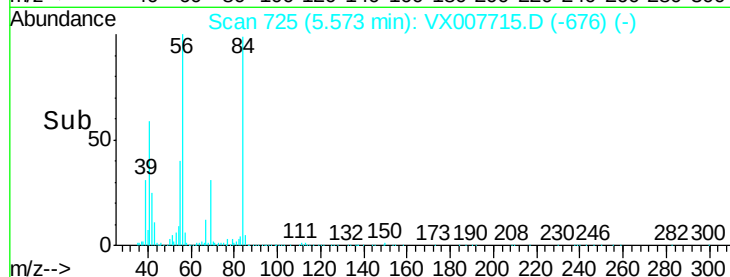
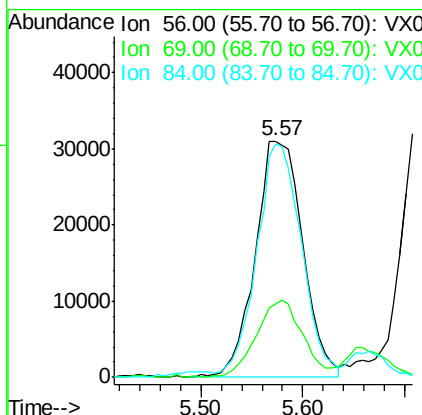
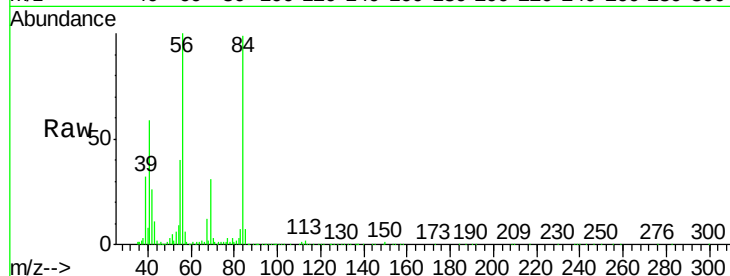
ClientSampleId :

VX0226WBS01

Tot Ion:	56	Resp:	99146
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.0	34.6
84	97.1	69.8	104.6

Manual Integrations
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2/27/2019 10:06:56 AM



#32

1,1,1-Trichloroethane

Concen: 19.510 ug/l

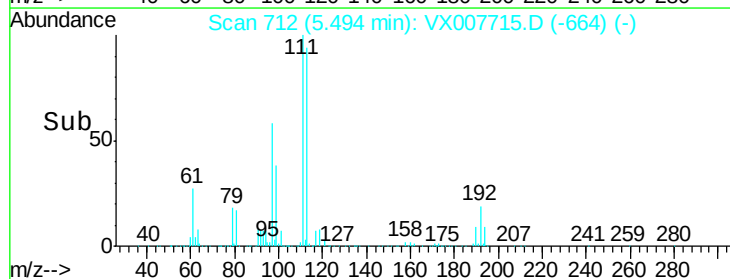
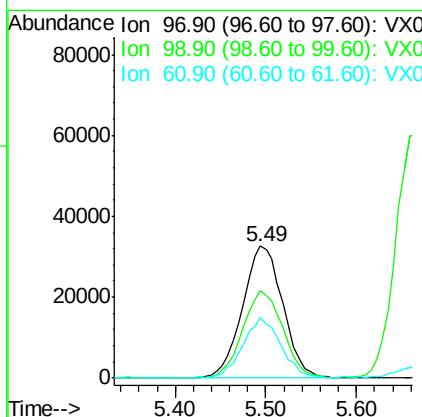
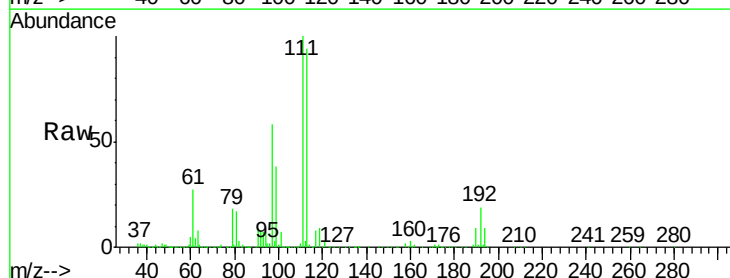
RT: 5.49 min Scan# 712

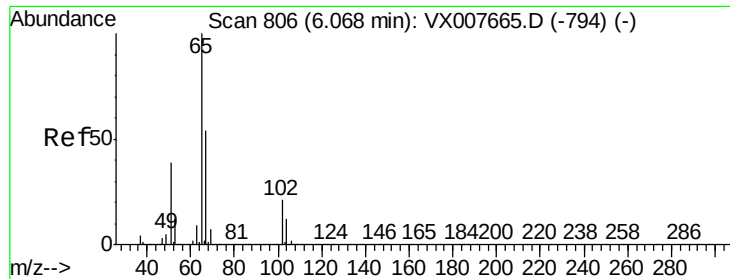
Delta R.T. -0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	97	Resp:	100214
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	42.9	32.7	49.1





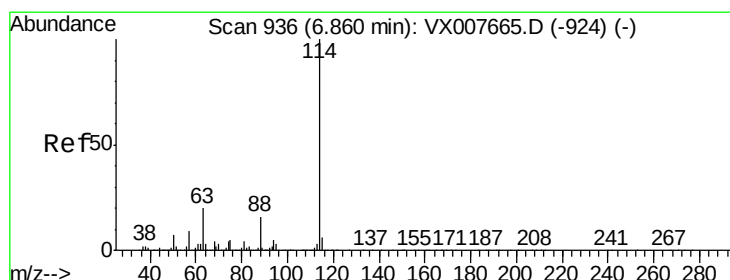
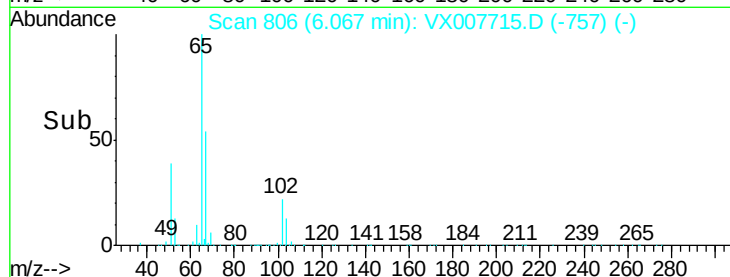
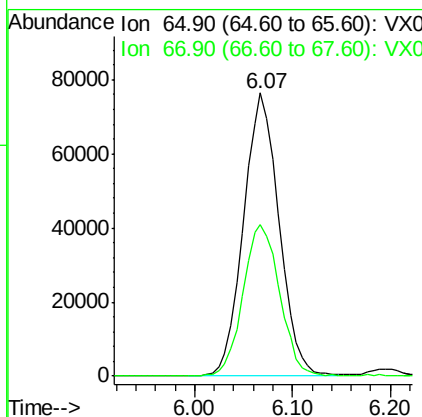
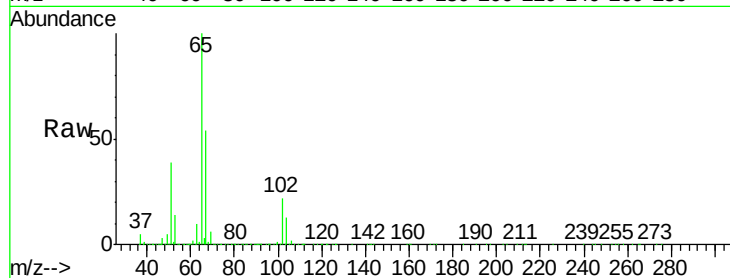
#33
 1,2-Dichloroethane-d4
 Concen: 48.856 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191766		
67	55.3	0.0	108.8	

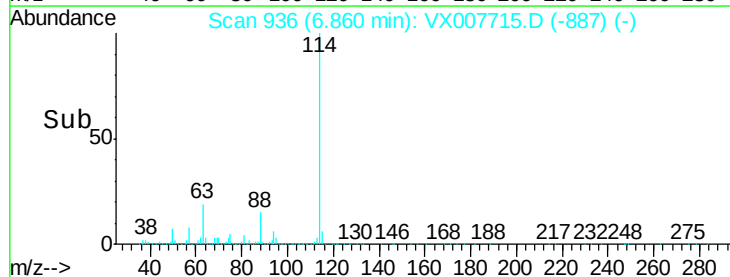
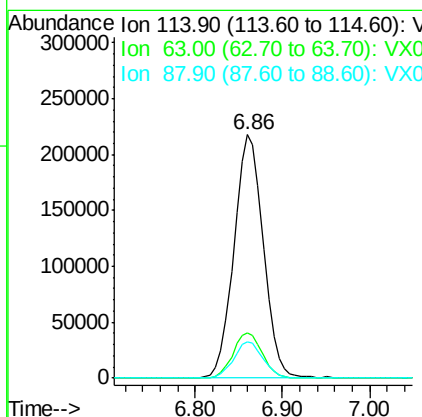
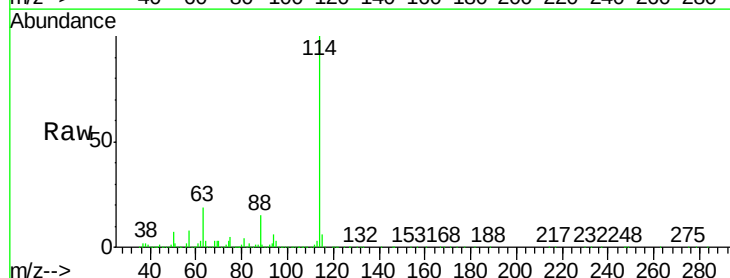
Manual Integrations
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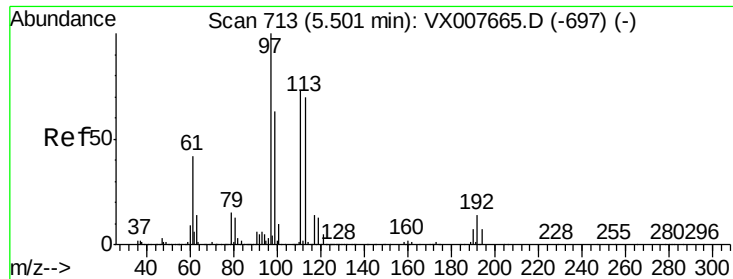
MMDadoda
 2/27/2019 10:06:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	507061		
63	18.6	0.0	35.6	
88	14.9	0.0	29.6	





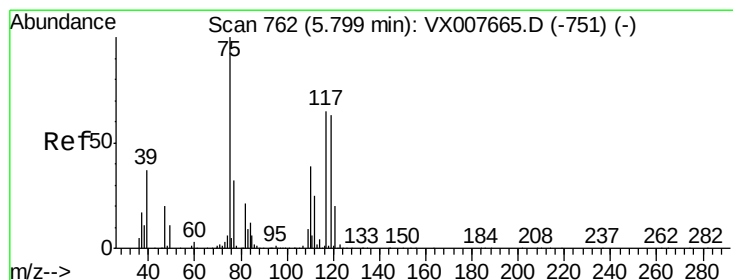
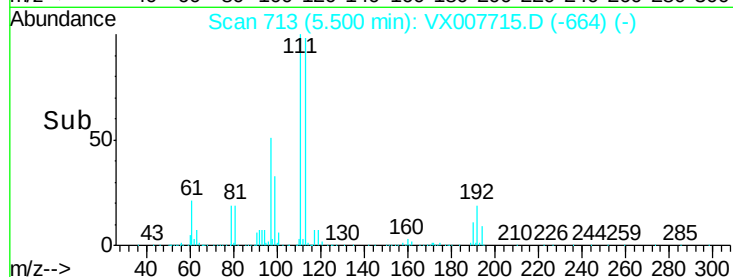
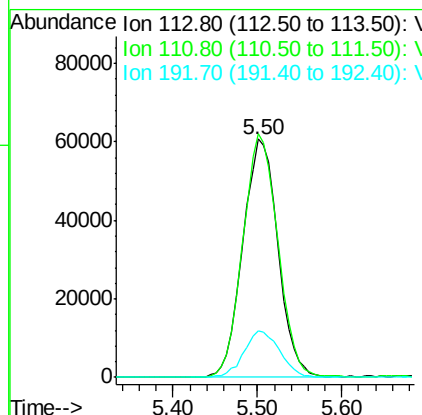
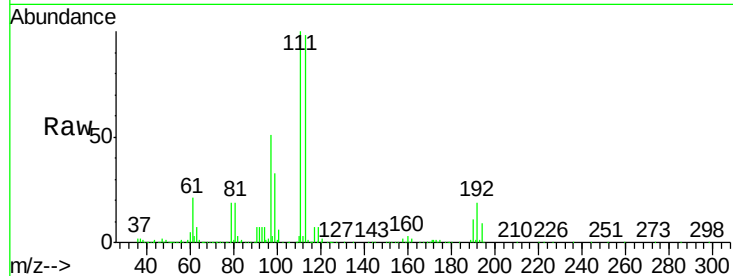
#35
Dibromofluoromethane
Concen: 50.812 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172229		
111	101.6	81.8	122.8	
192	20.0	18.5	27.7	

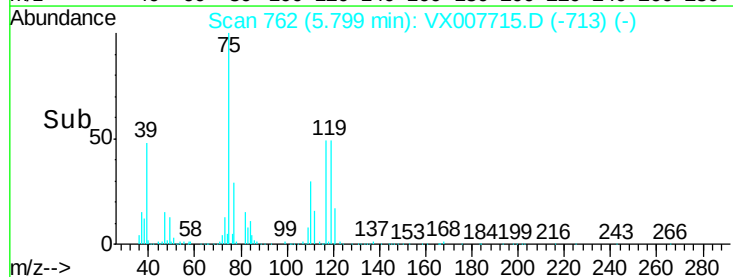
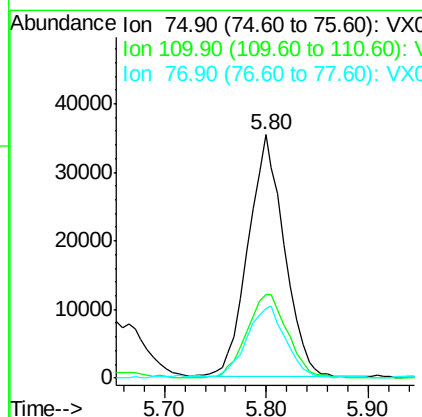
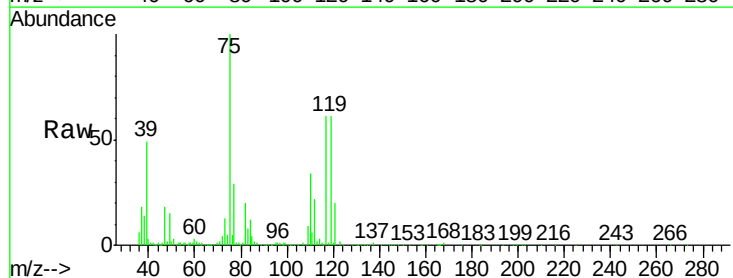
Manual Integrations
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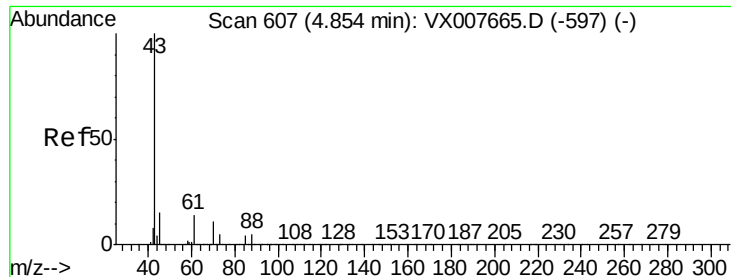
MMDadoda
2/27/2019 10:06:56 AM



#36
1,1-Dichloropropene
Concen: 19.155 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87321		
110	39.7	20.0	59.9	
77	31.2	24.7	37.1	





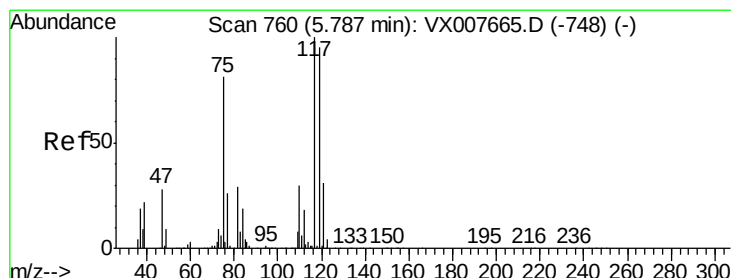
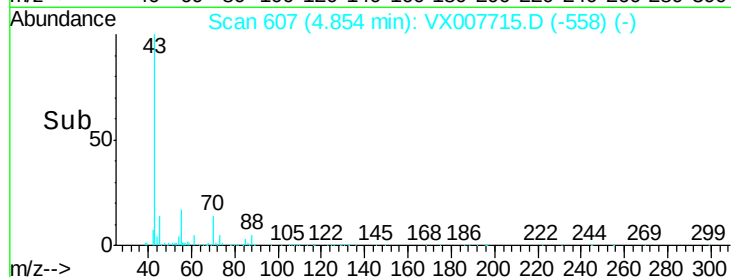
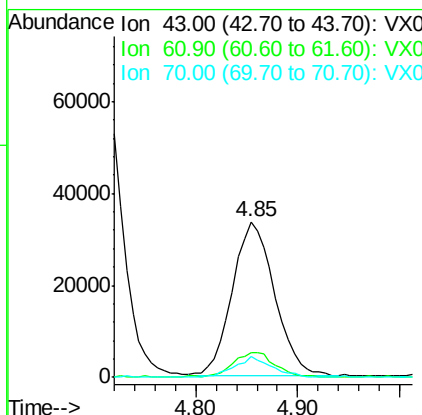
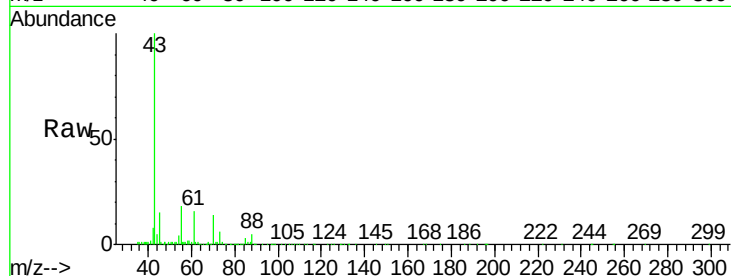
#37
Ethyl Acetate
Concen: 18.970 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

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

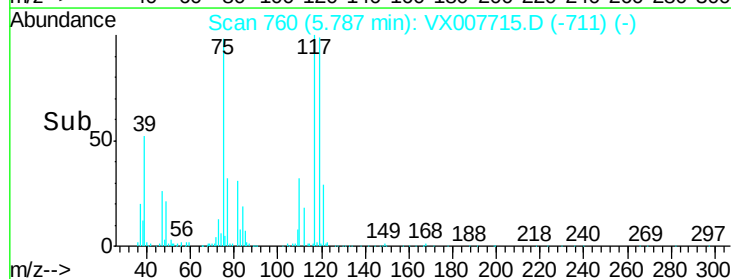
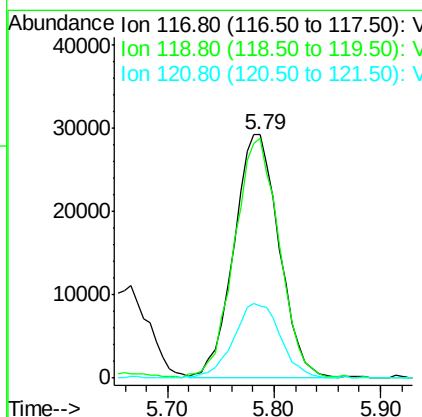
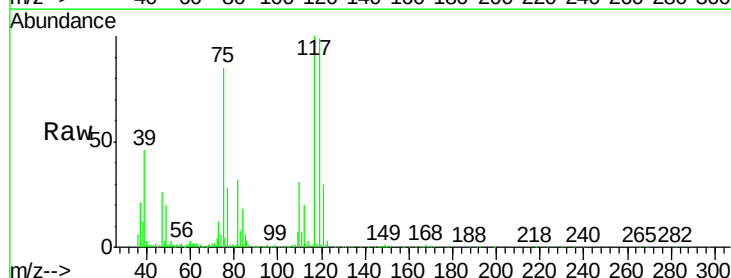
Manual Integrations
APPROVED

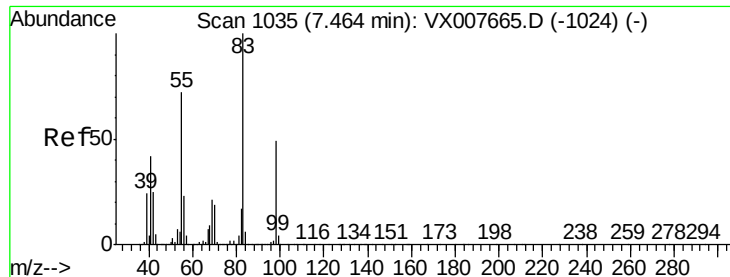
MMDadoda
2/27/2019 10:06:56 AM



#38
Carbon Tetrachloride
Concen: 18.872 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.3	112.9
121	29.3	25.0	37.4





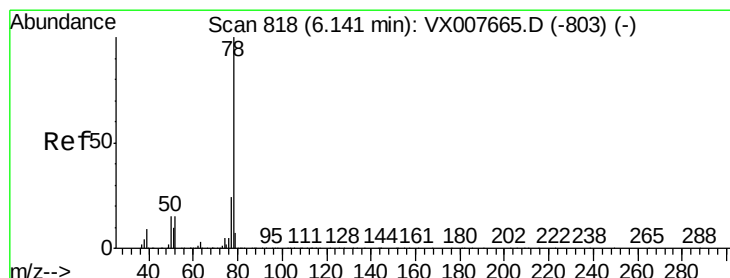
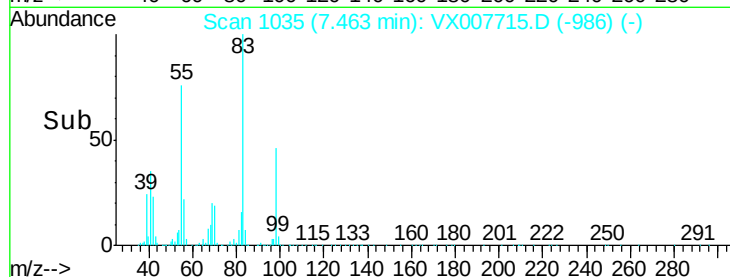
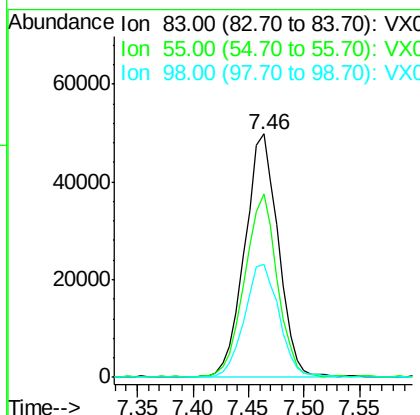
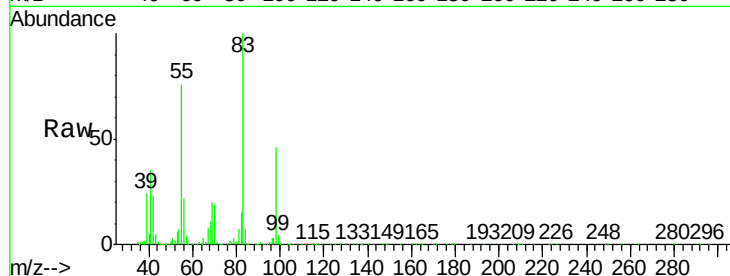
#39
Methylvlcyclohexane
Concen: 18.125 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	56.2	84.2
98	46.1	36.8	55.2

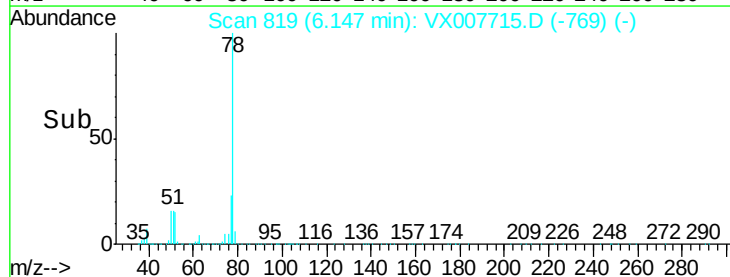
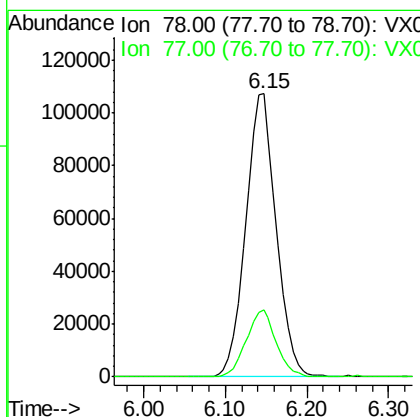
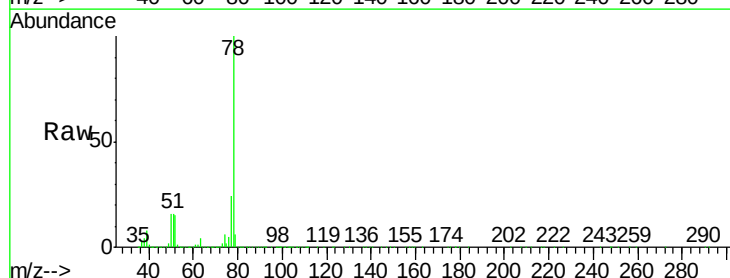
Manual Integrations
APPROVED

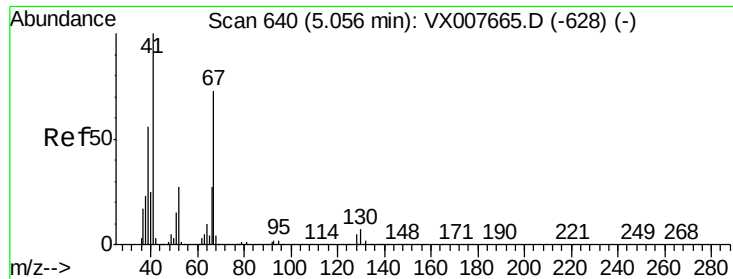
MMDadoda
2/27/2019 10:06:56 AM



#40
Benzene
Concen: 19.758 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 19.901 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

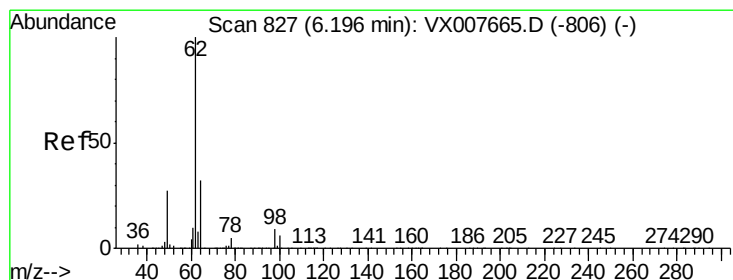
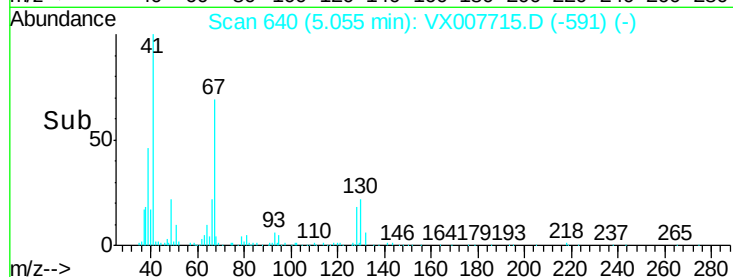
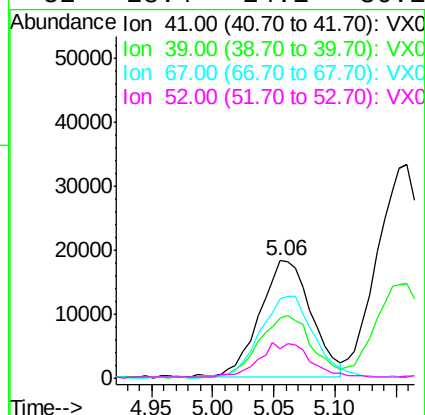
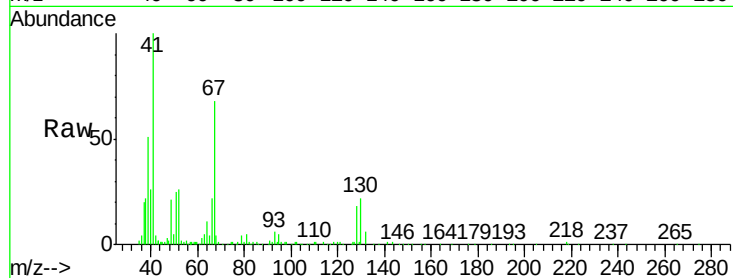
ClientSampleId :

VX0226WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	44.5	66.7	
67	73.1	60.4	90.6	
52	28.4	24.1	36.1	

Manual Integrations
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MMDadoda
2/27/2019 10:06:56 AM



#42

1,2-Dichloroethane

Concen: 19.674 ug/l

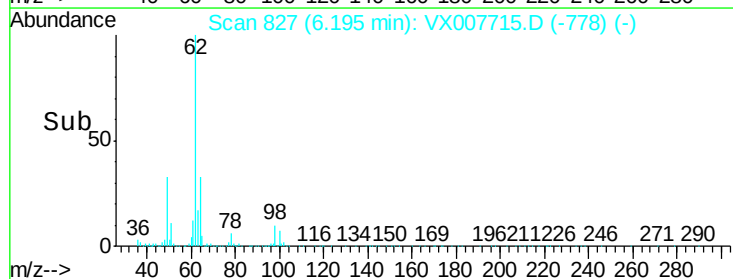
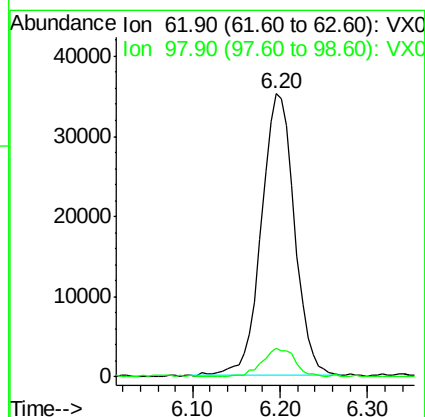
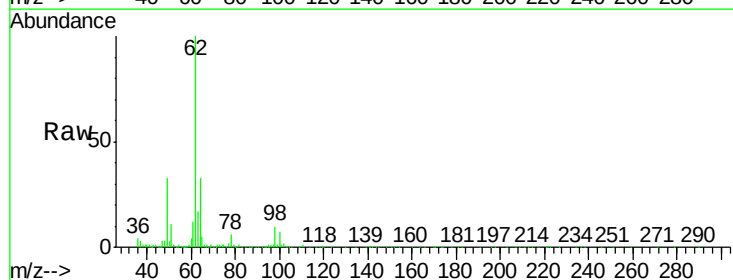
RT: 6.20 min Scan# 827

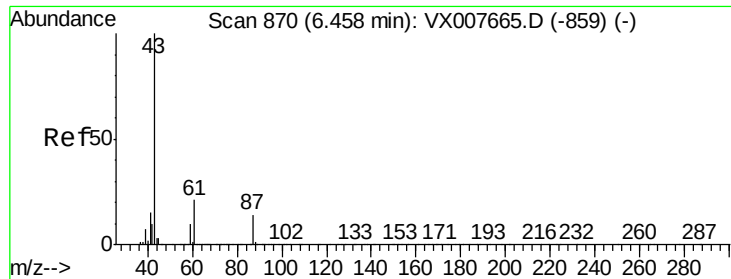
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.0	





#43

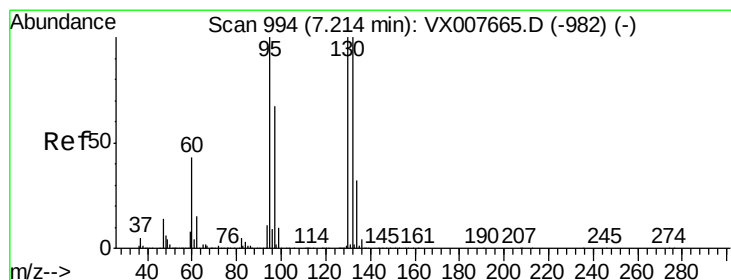
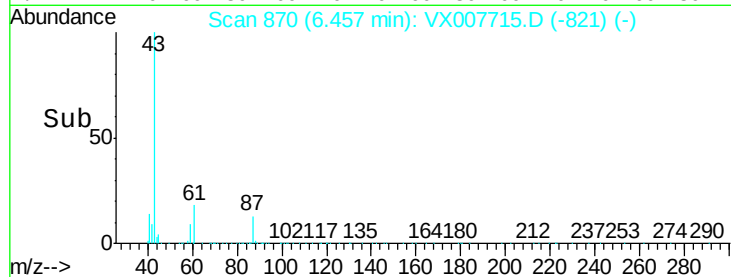
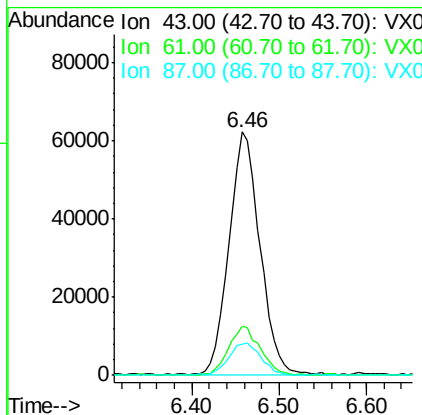
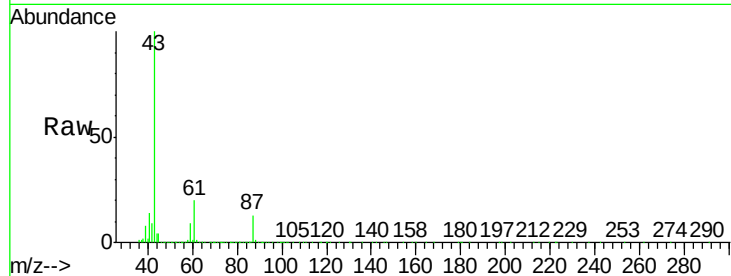
Isopropyl Acetate
 Concen: 19.498 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.9	11.5	17.3

Manual Integrations
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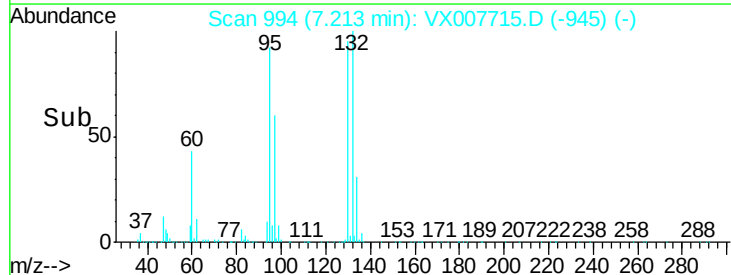
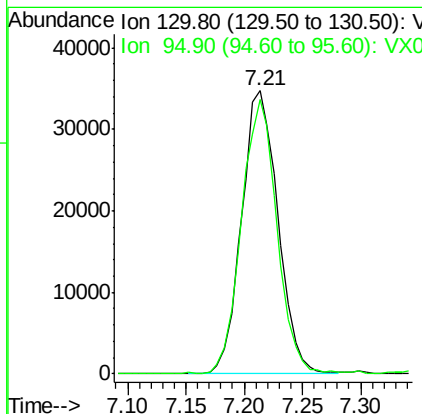
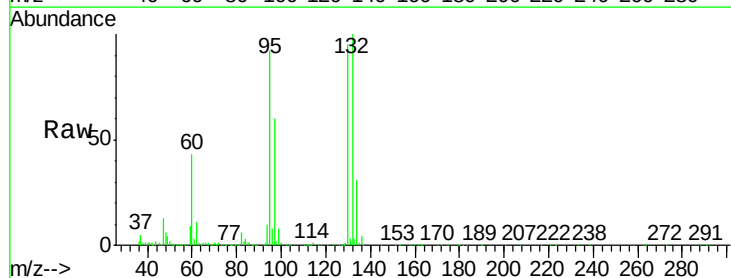
MMDadoda
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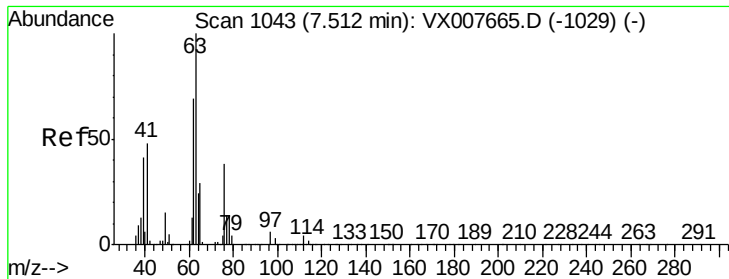


#44

Trichloroethene
 Concen: 19.596 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	180.0





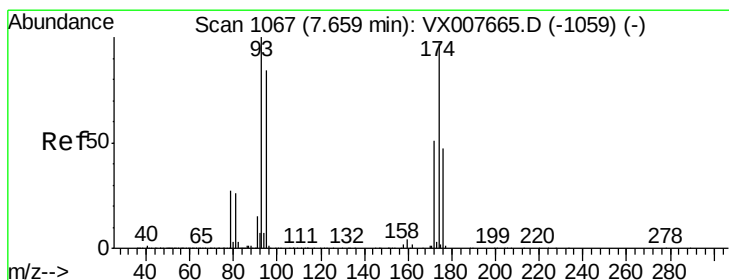
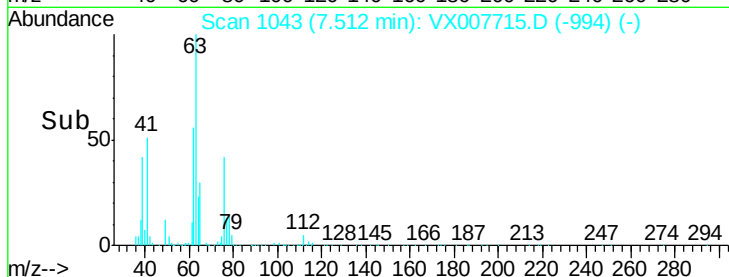
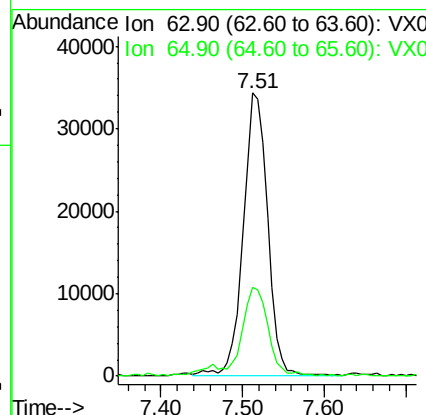
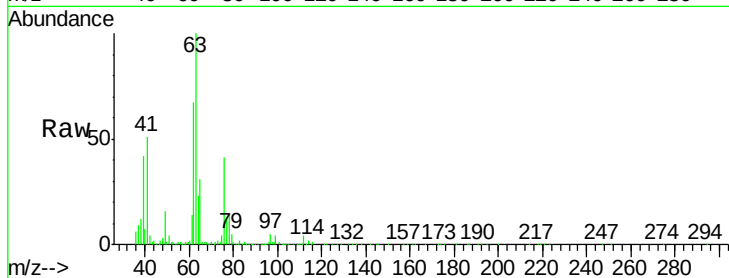
#45
 1,2-Dichloropropane
 Concen: 19.253 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.2	36.2

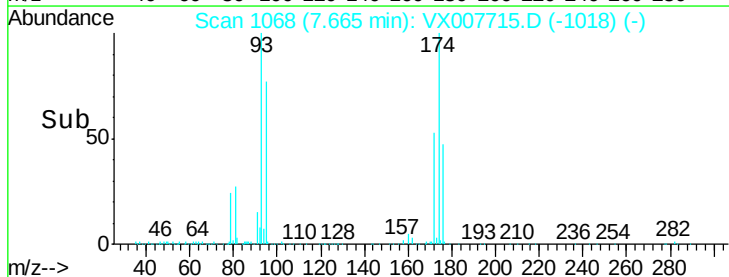
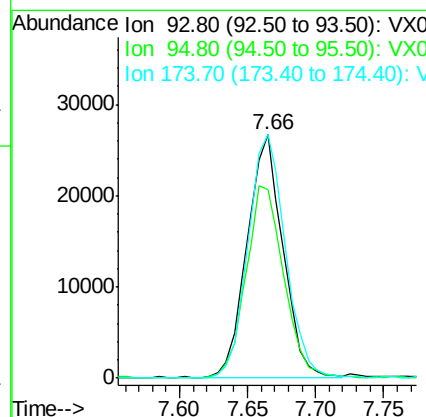
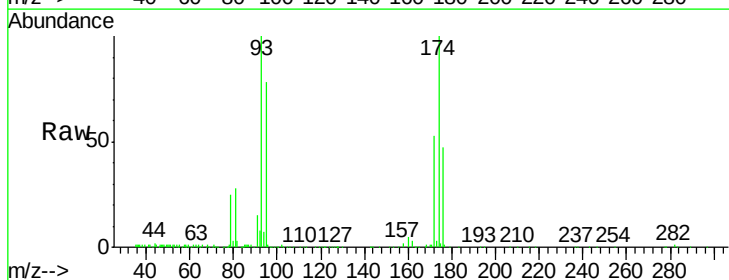
Manual Integrations
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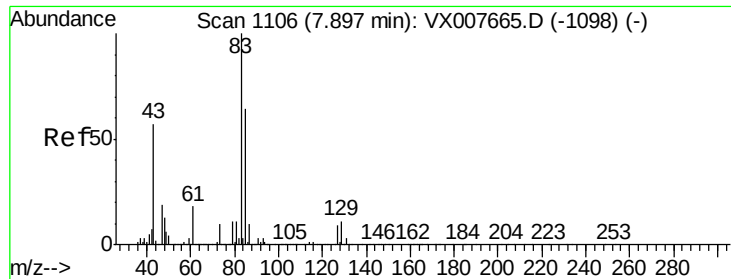
MMDadoda
 2/27/2019 10:06:56 AM



#46
 Dibromomethane
 Concen: 19.251 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.6	101.4
174	105.2	94.2	141.4





#47

Bromodichloromethane

Concen: 19.230 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

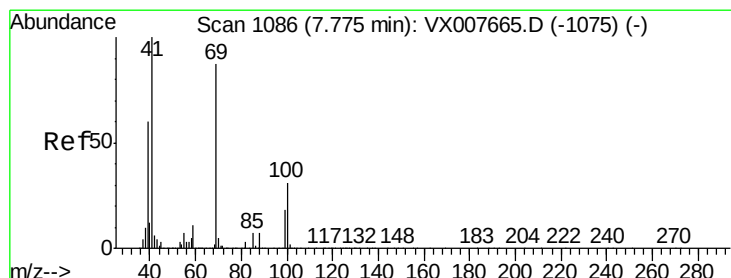
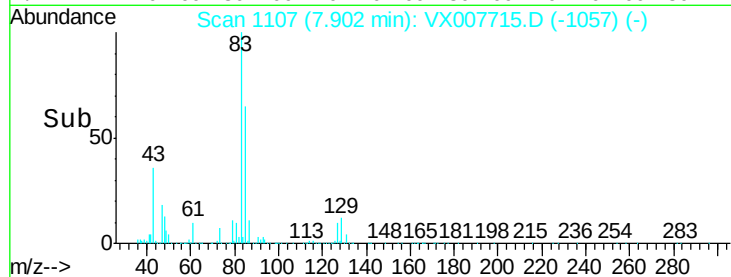
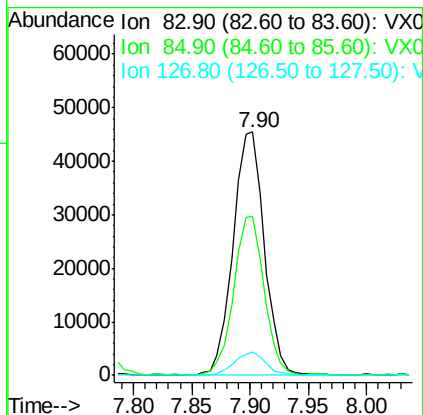
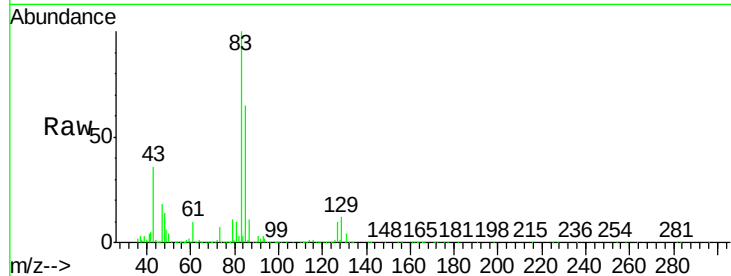
ClientSampleId :

VX0226WBS01

Tot Ion:	83	Resp:	84750
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	9.6	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.815 ug/l

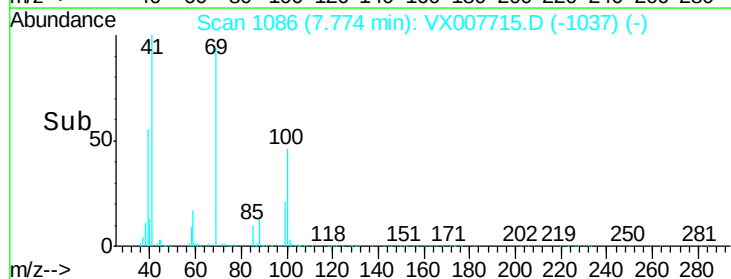
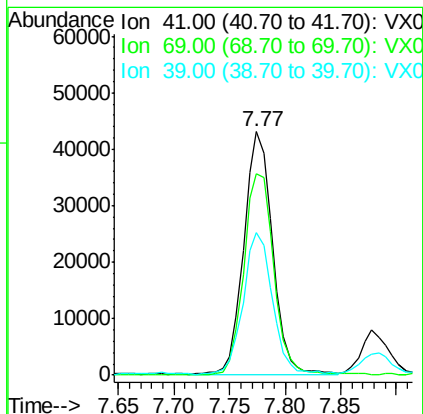
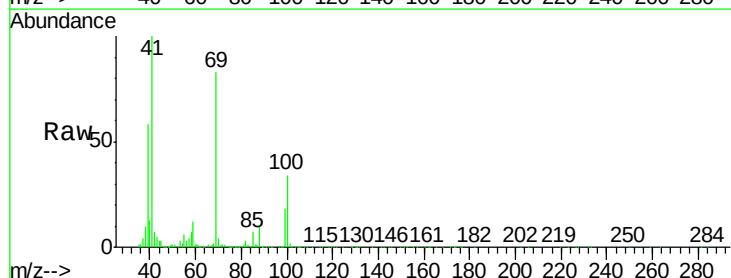
RT: 7.77 min Scan# 1086

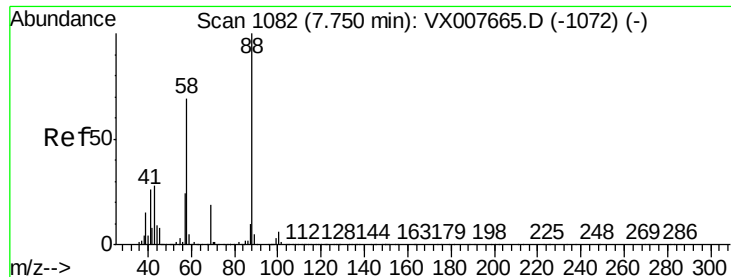
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	41	Resp:	76866
Ion	Ratio	Lower	Upper
41	100		
69	88.1	70.2	105.4
39	60.7	47.4	71.0





#49

1,4-Dioxane

Concen: 395.792 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

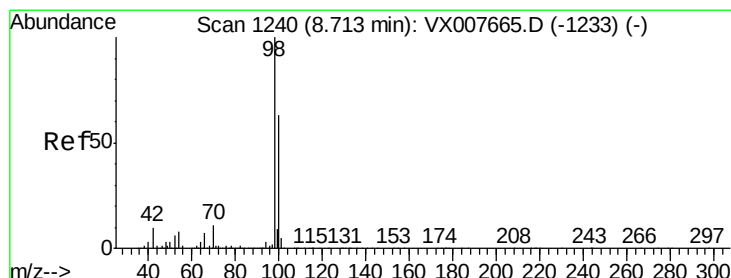
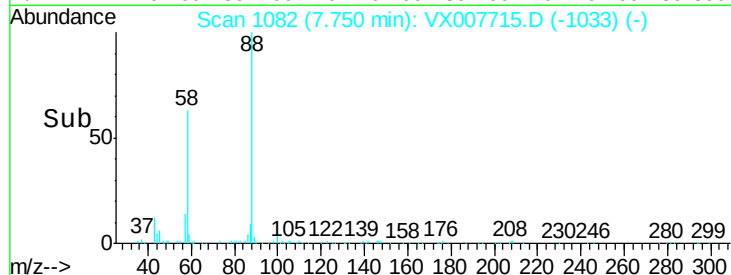
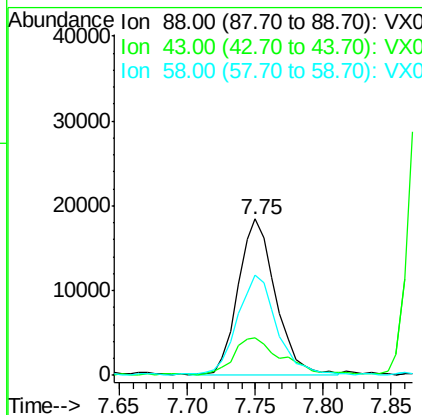
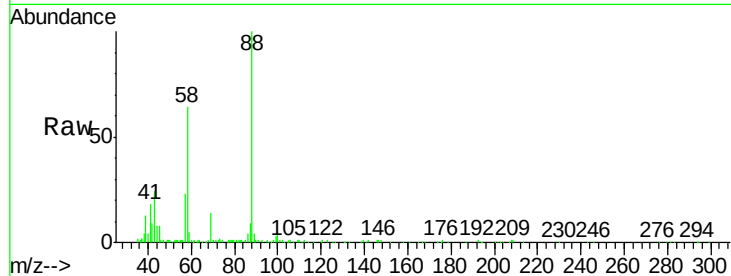
ClientSampleId :

VX0226WBS01

Tot Ion:	88	Resp:	34923
Ion Ratio	Lower	Upper	
88	100		
43	31.4	24.2	36.4
58	68.1	53.0	79.4

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#50

Toluene-d8

Concen: 48.717 ug/l

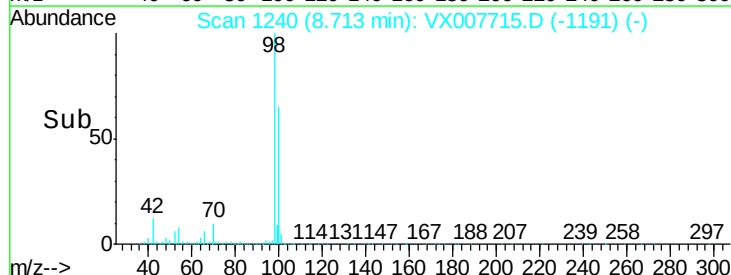
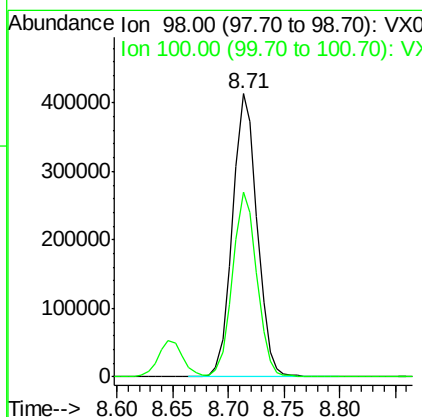
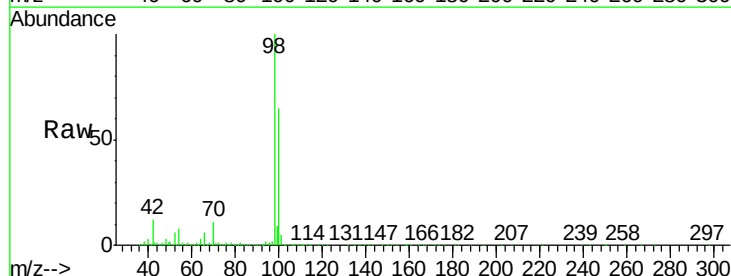
RT: 8.71 min Scan# 1240

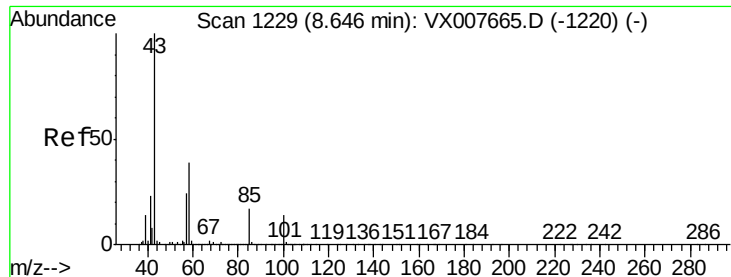
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	98	Resp:	632179
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.6	77.4





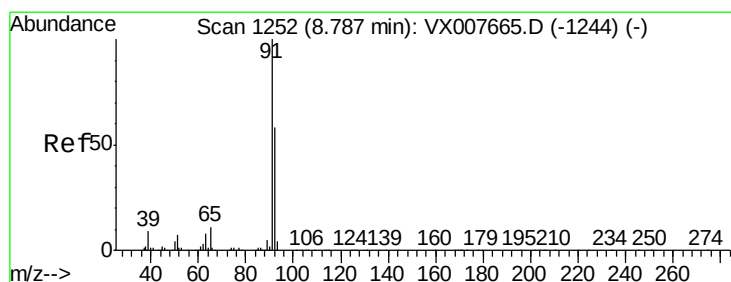
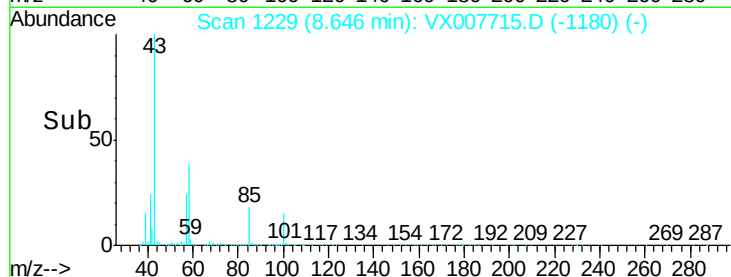
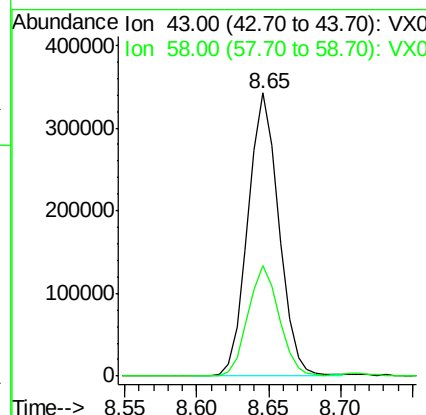
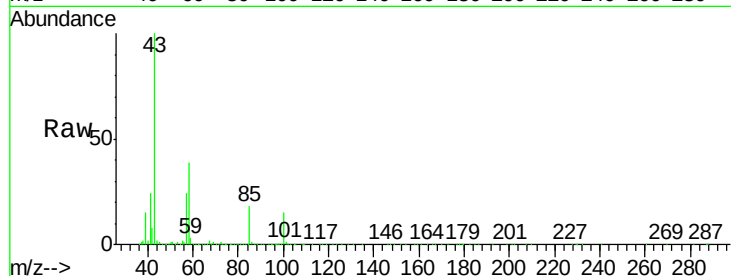
#51
4-Methyl-2-Pentanone
Concen: 97.645 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.2	46.8

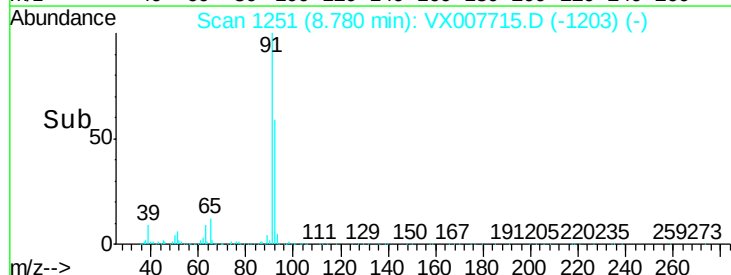
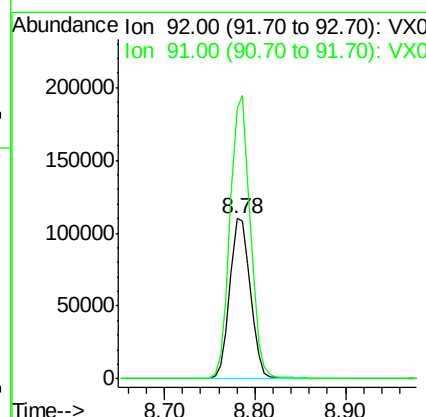
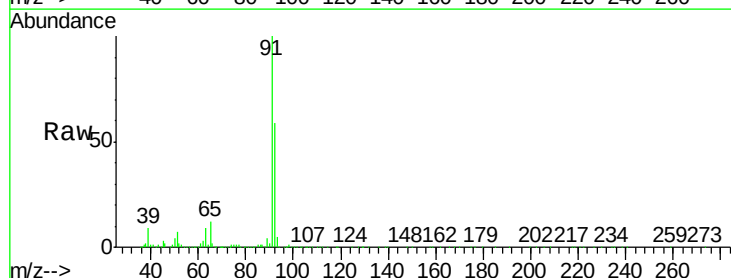
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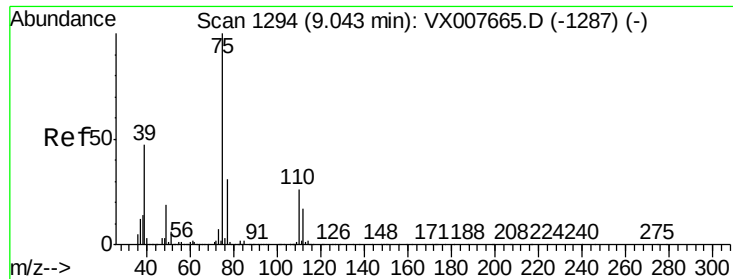
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#52
Toluene
Concen: 19.729 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	139.1	208.7





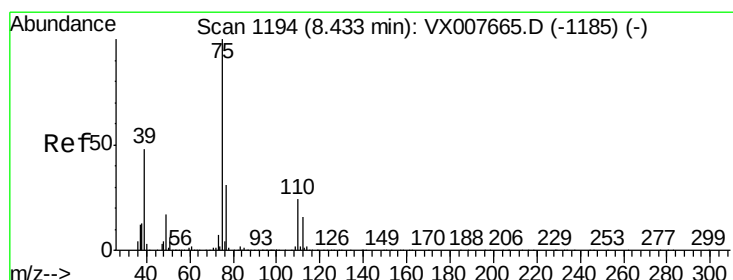
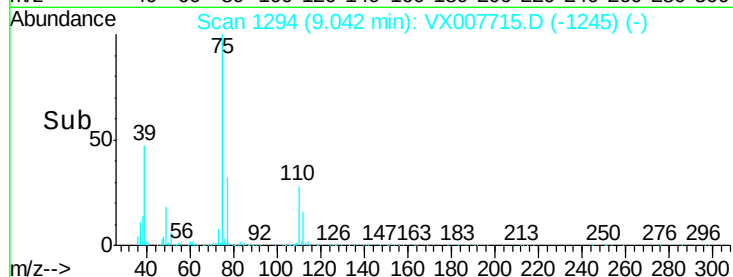
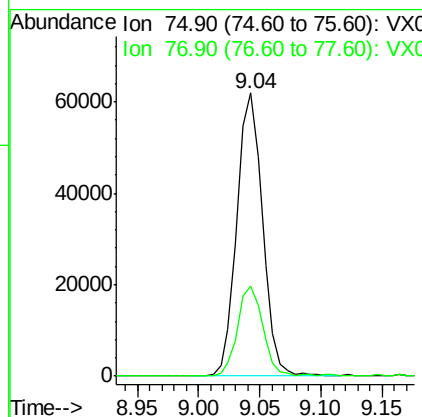
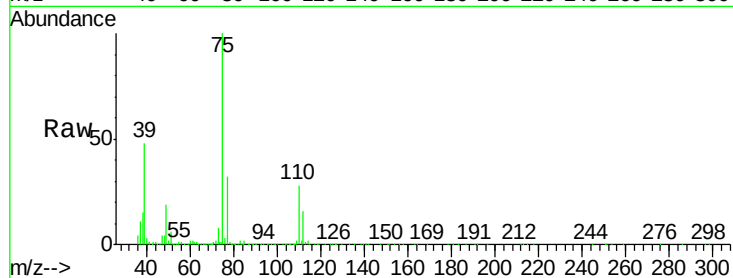
#53
t-1,3-Dichloropropene
Concen: 18.219 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8

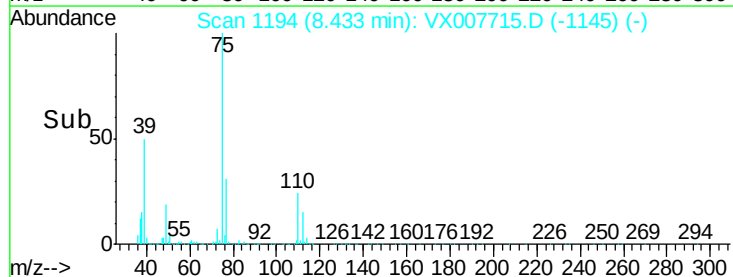
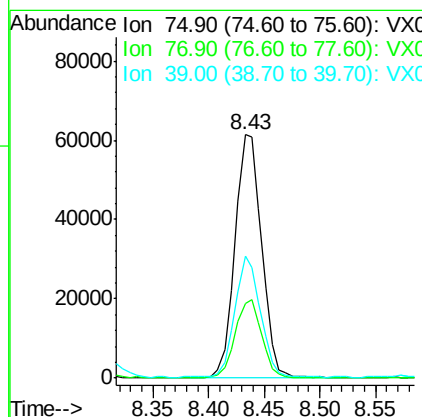
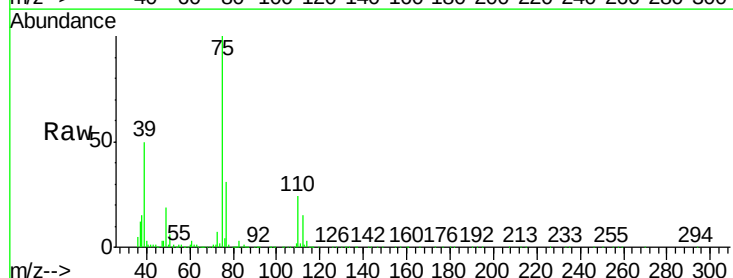
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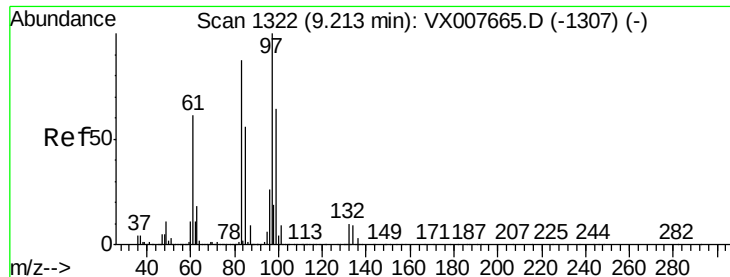
MMDadoda
2/27/2019 10:06:56 AM



#54
cis-1,3-Dichloropropene
Concen: 19.075 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.4
39	49.8	37.1	55.7





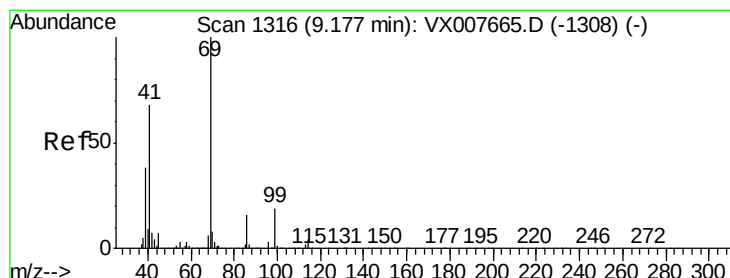
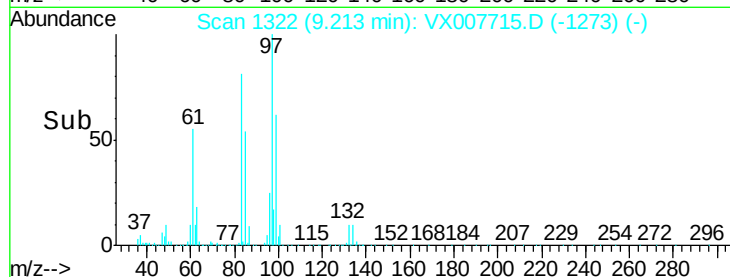
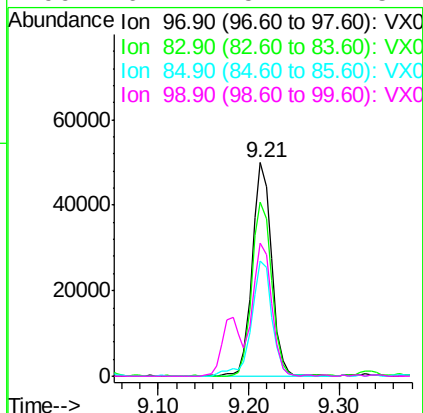
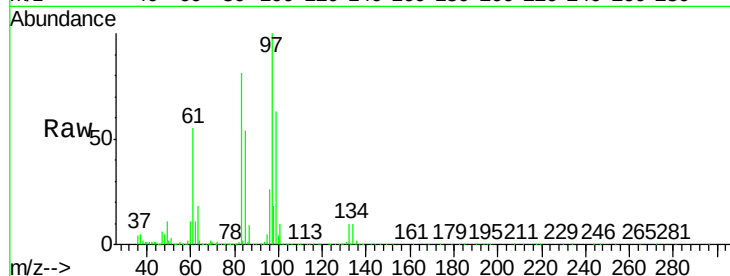
#55
 1,1,2-Trichloroethane
 Concen: 20.040 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.6	102.8
85	53.9	44.5	66.7
99	62.4	52.2	78.4

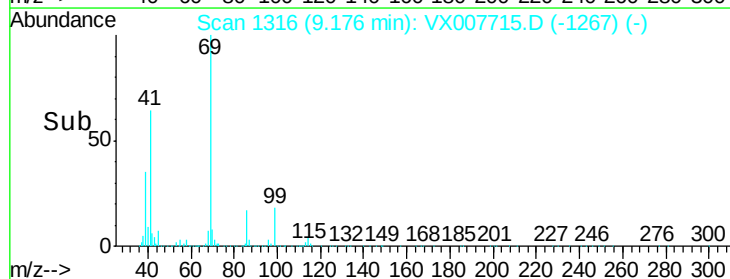
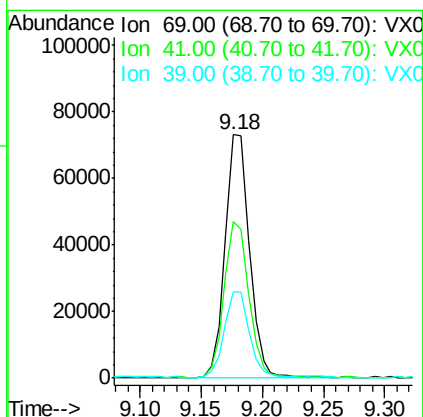
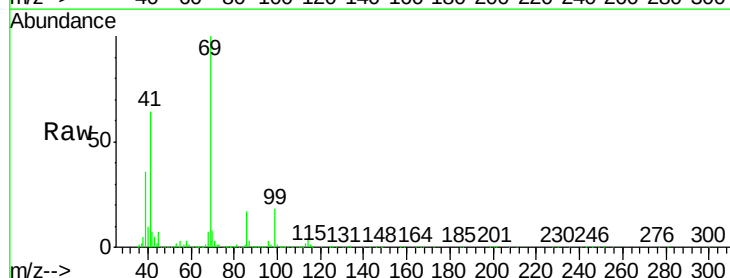
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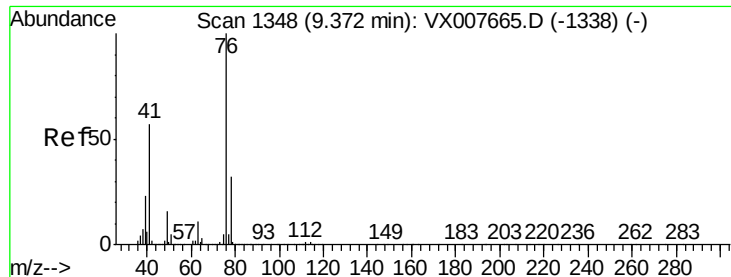
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#56
 Ethyl methacrylate
 Concen: 19.262 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	36.5	30.1	45.1





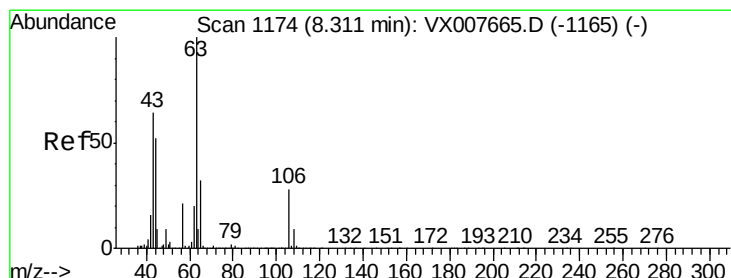
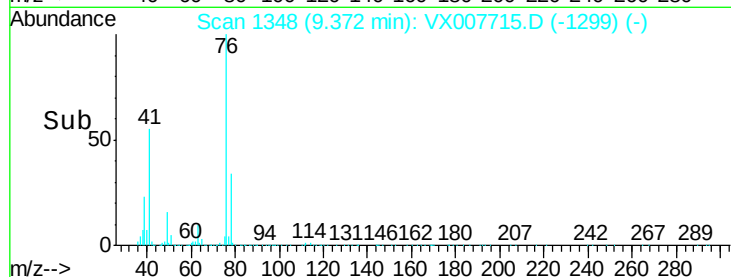
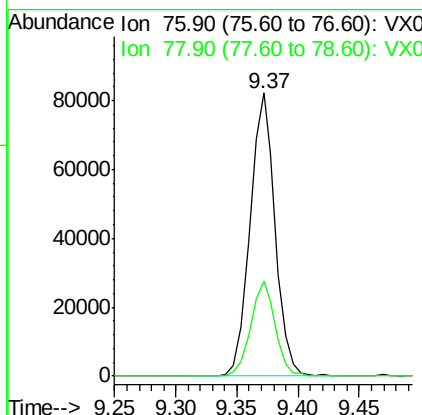
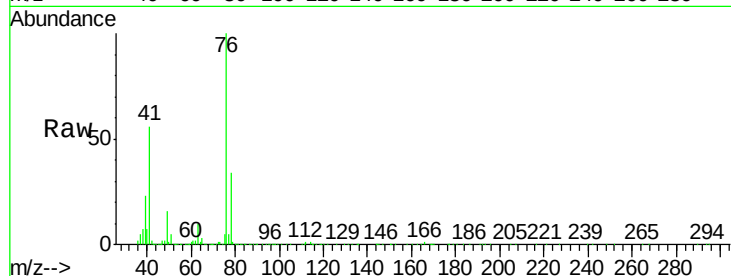
#57
 1,3-Dichloropropane
 Concen: 19.783 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.8

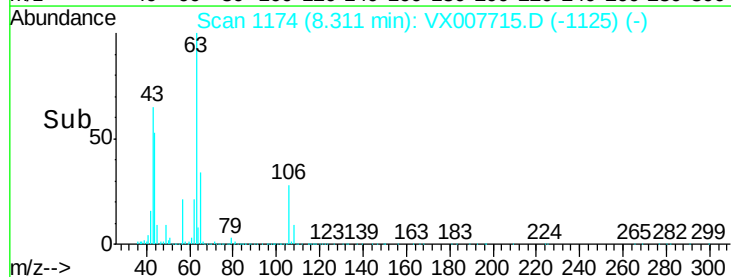
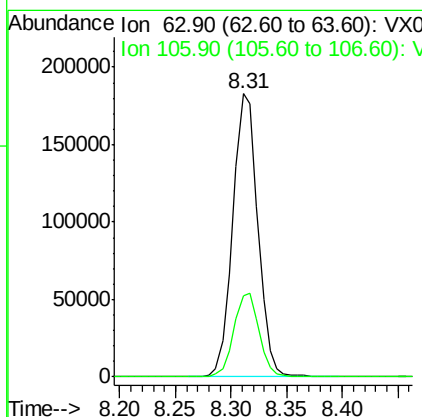
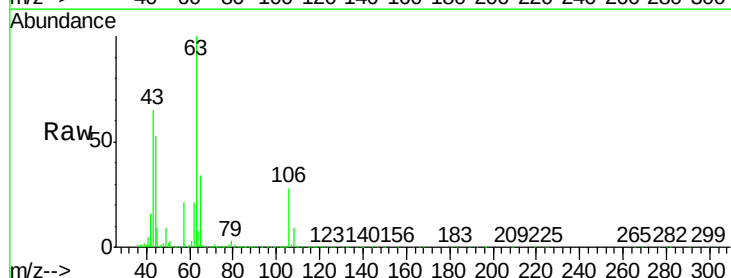
Manual Integrations
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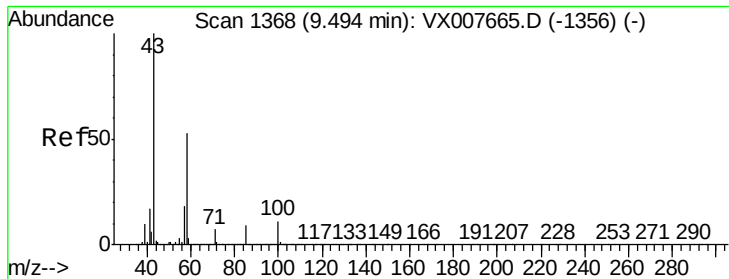
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.370 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.6	35.4





#59

2-Hexanone

Concen: 96.414 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 43 Resp: 394888

Ion Ratio Lower Upper

43 100

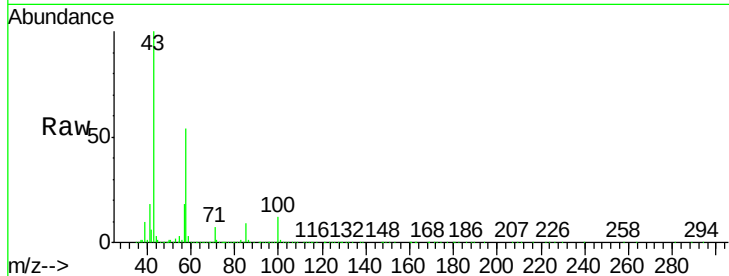
58 54.2 27.1 81.3

Manual Integrations

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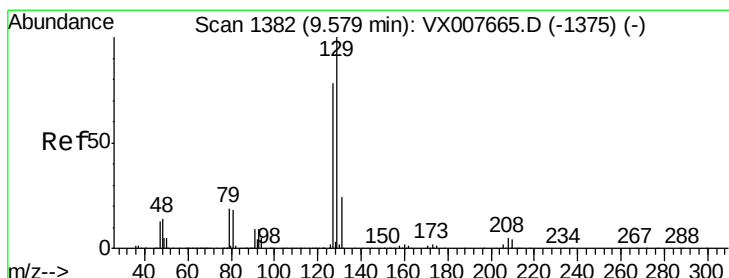
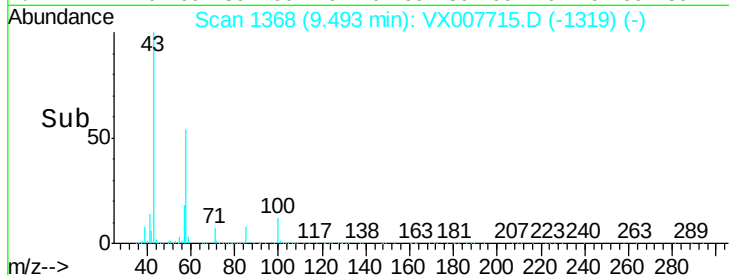
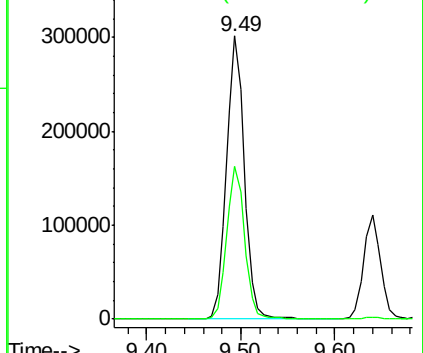
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 19.476 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007715.D

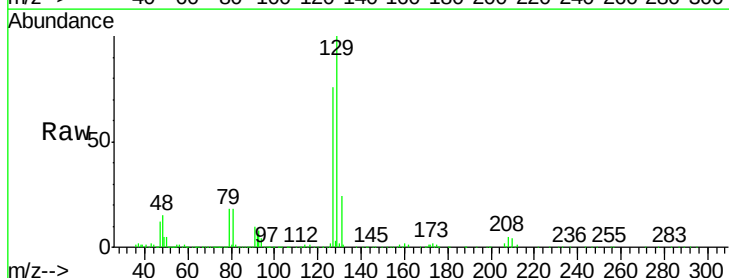
Acq: 26 Feb 2019 15:59

Tgt Ion: 129 Resp: 69347

Ion Ratio Lower Upper

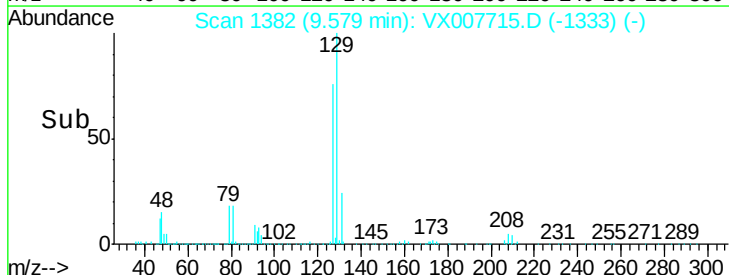
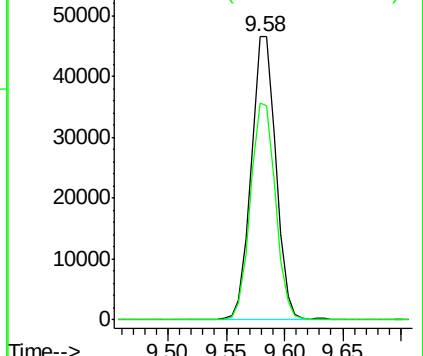
129 100

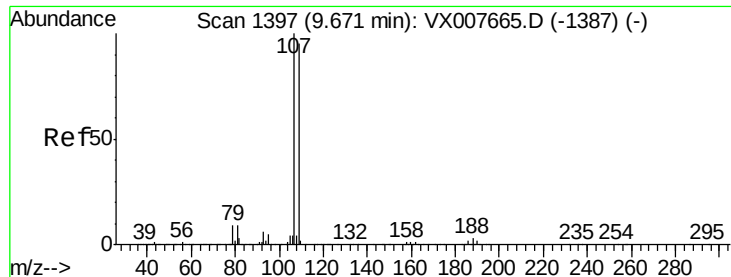
127 77.7 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.956 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 107 Resp: 76671

Ion Ratio Lower Upper

107 100

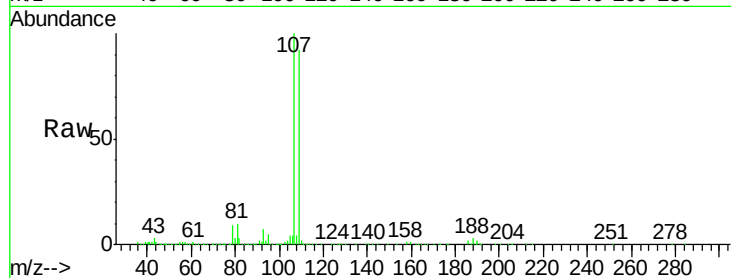
109 93.8 75.1 112.7

Manual Integrations

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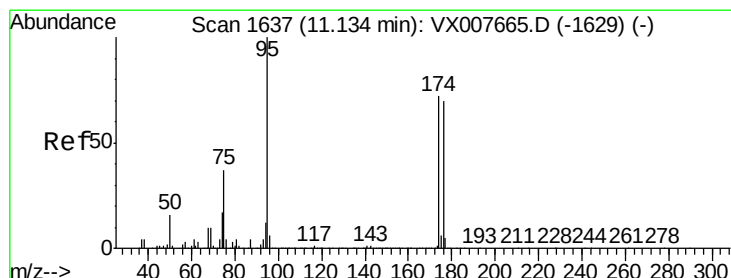
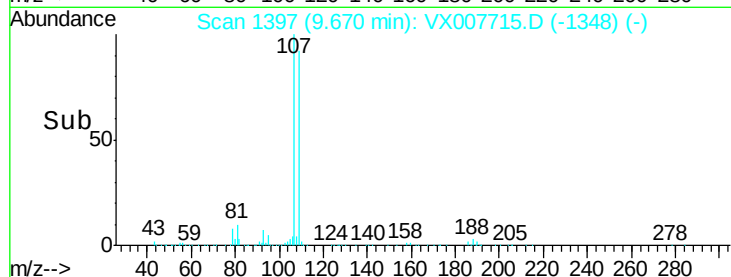
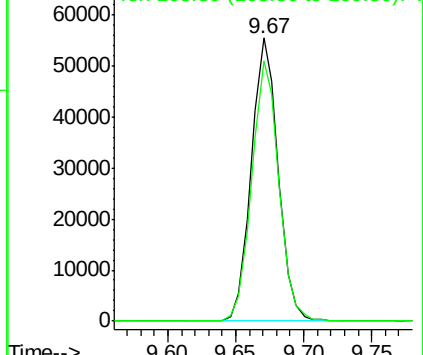
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

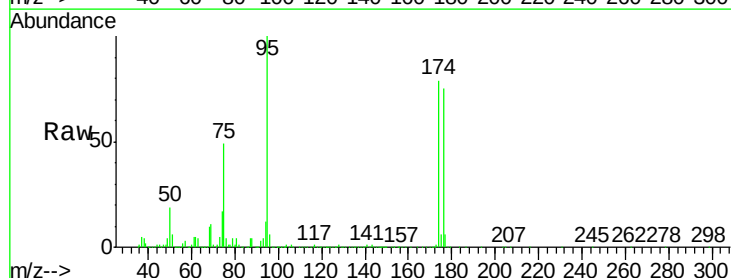
Tgt Ion: 95 Resp: 216299

Ion Ratio Lower Upper

95 100

174 84.8 0.0 189.2

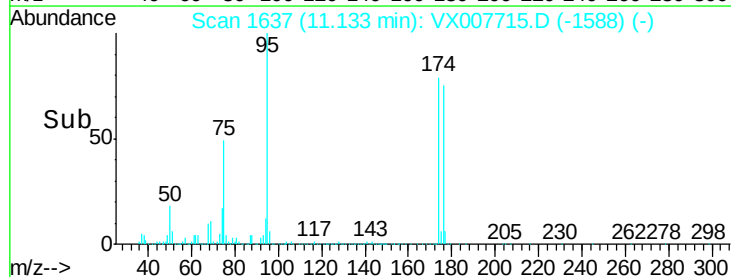
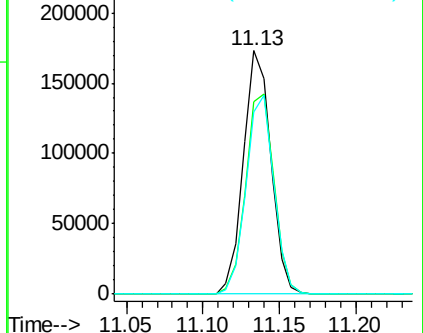
176 82.7 0.0 186.2

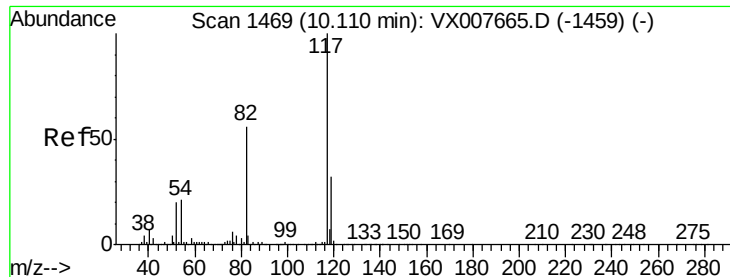


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

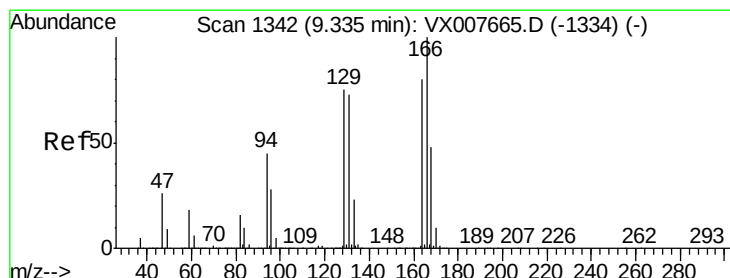
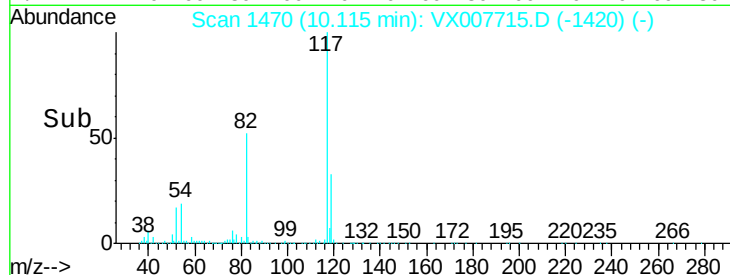
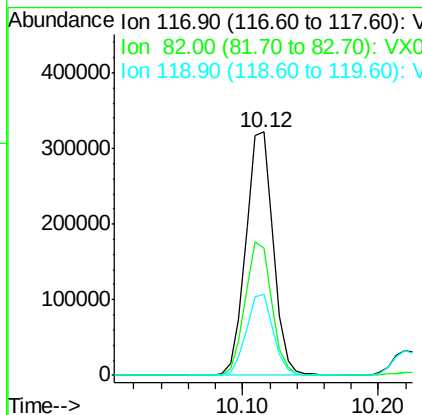
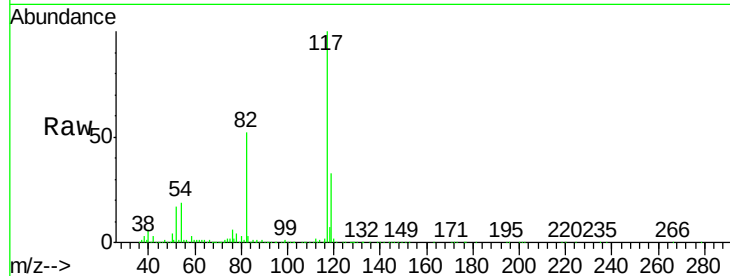
ClientSampleId :

VX0226WBS01

Tot Ion:	117	Resp:	452423
Ion Ratio		Lower	Upper
117	100		
82	52.1	42.1	63.1
119	33.1	26.5	39.7

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.812 ug/l

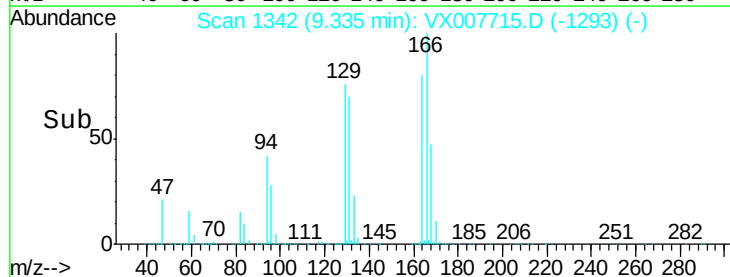
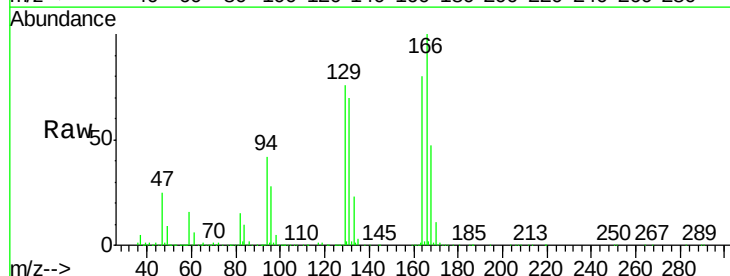
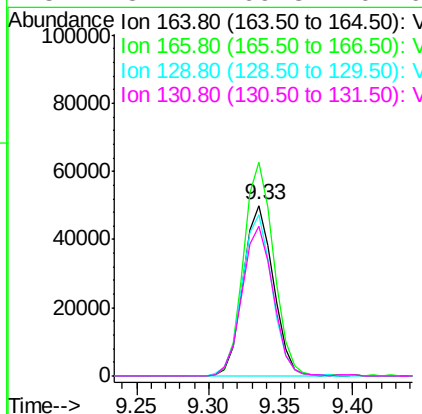
RT: 9.33 min Scan# 1342

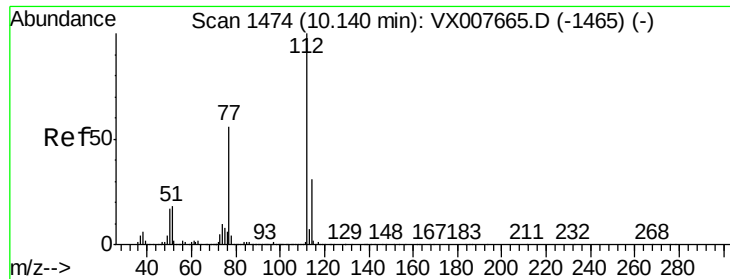
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	164	Resp:	72765
Ion Ratio		Lower	Upper
164	100		
166	125.1	101.0	151.4
129	94.7	70.5	105.7
131	87.4	69.8	104.6





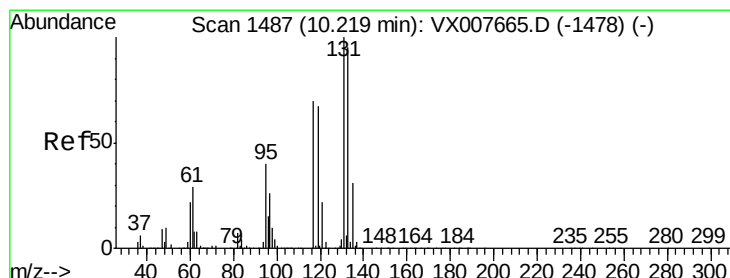
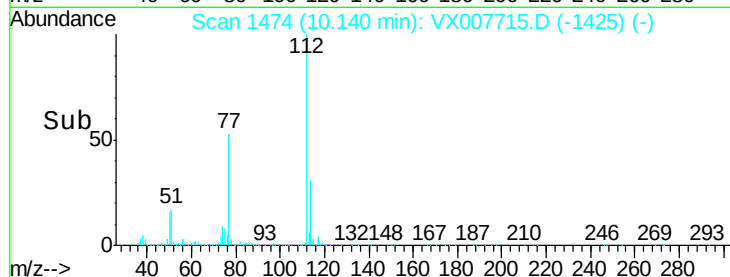
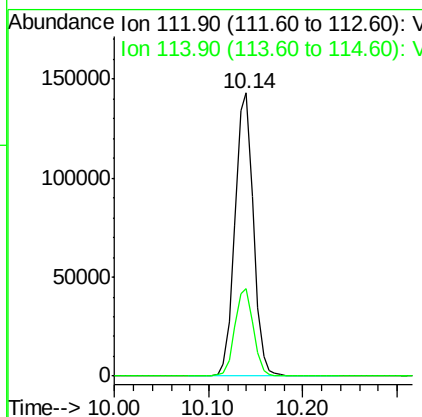
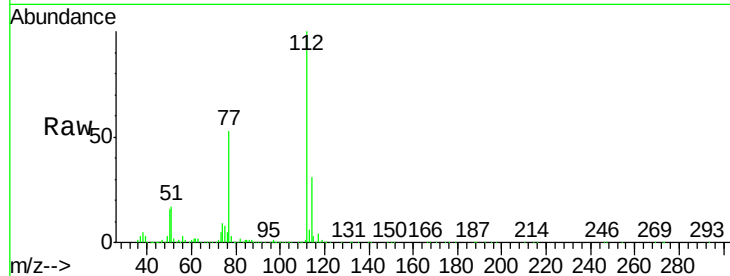
#65
Chlorobenzene
Concen: 19.786 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion:112 Resp: 193607
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

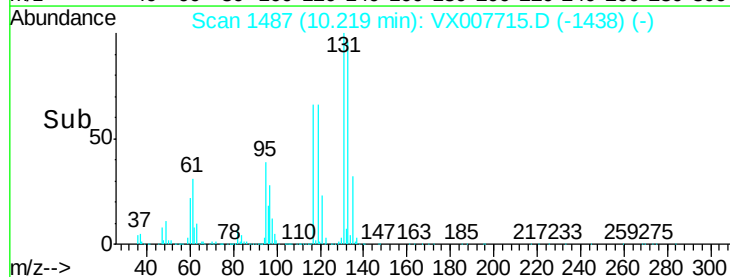
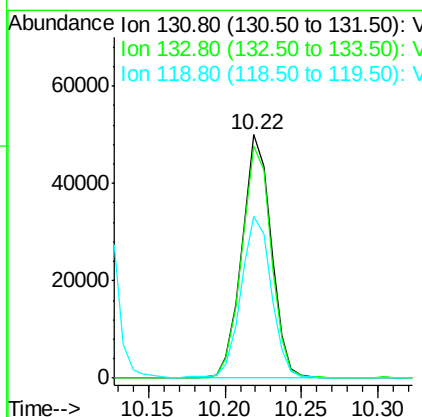
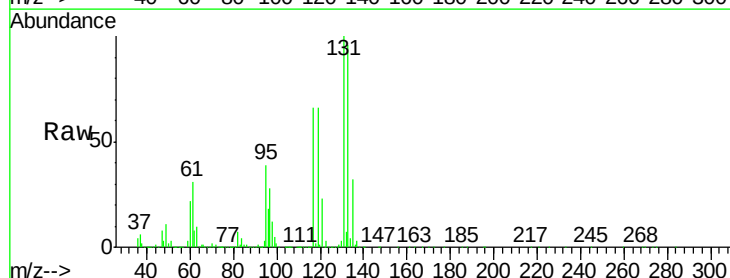
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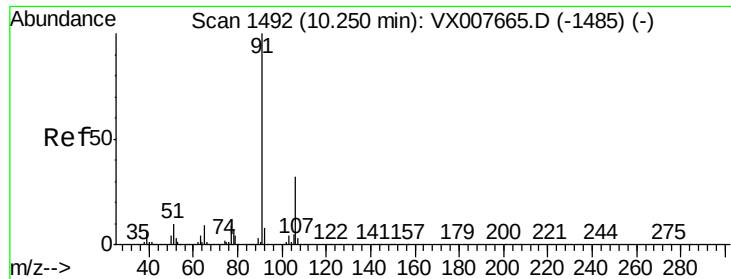
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.541 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion:131 Resp: 66697
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 68.6 32.0 96.0





#67

Ethyl Benzene

Concen: 19.454 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 91 Resp: 315345

Ion Ratio Lower Upper

91 100

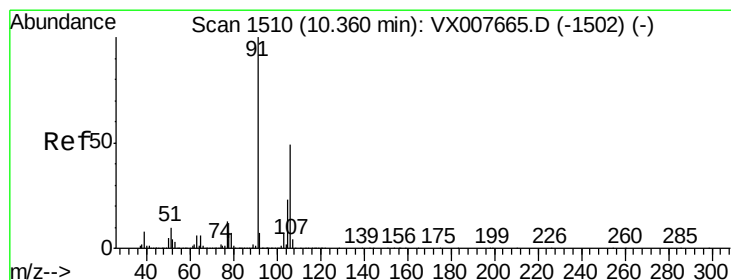
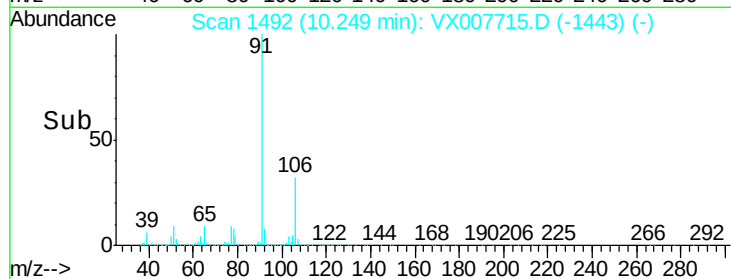
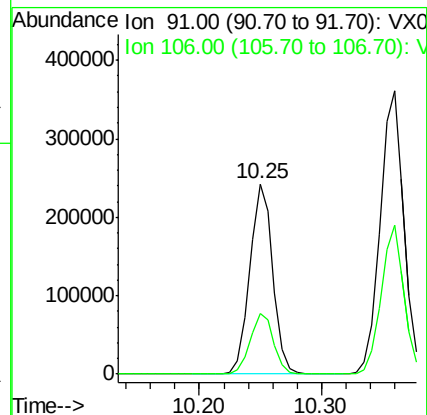
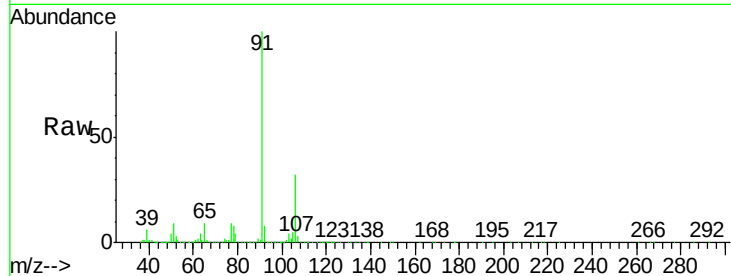
106 31.6 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.170 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007715.D

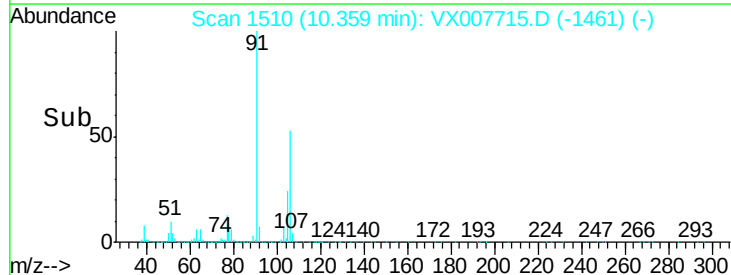
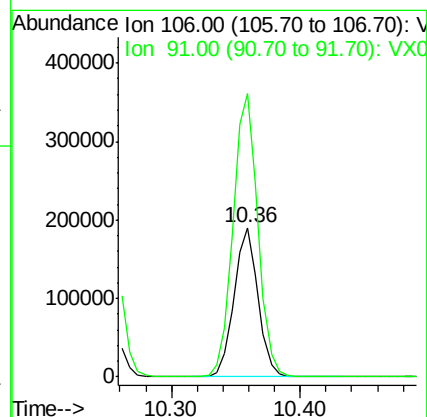
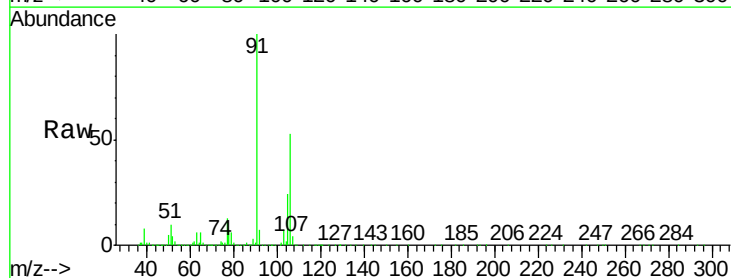
Acq: 26 Feb 2019 15:59

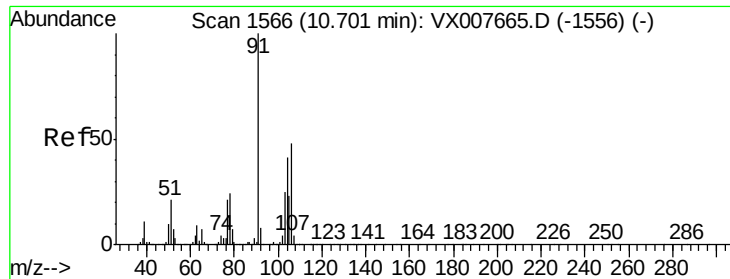
Tgt Ion: 106 Resp: 247007

Ion Ratio Lower Upper

106 100

91 196.4 156.6 234.8





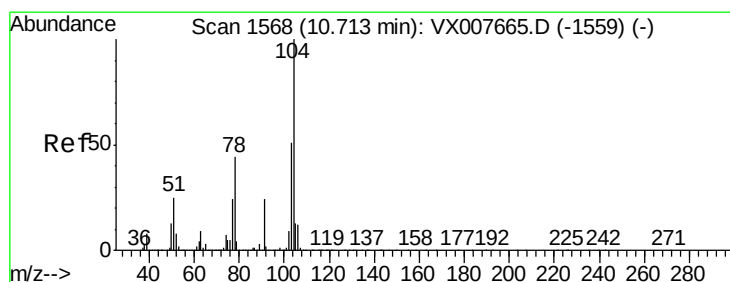
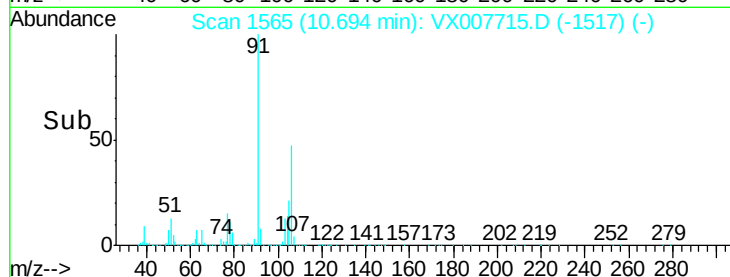
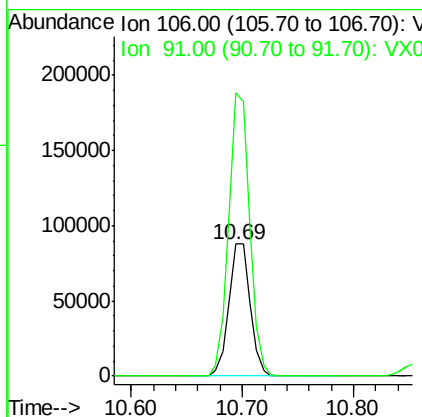
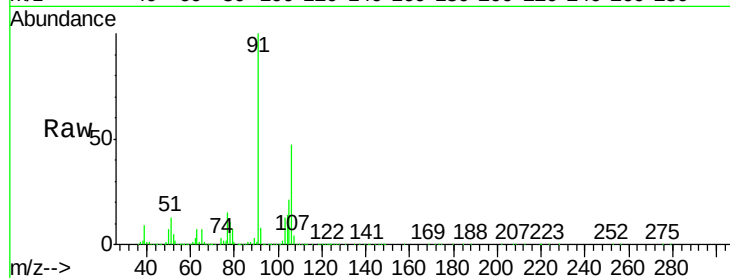
#69
o-Xylene
Concen: 19.248 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	102.9	308.7

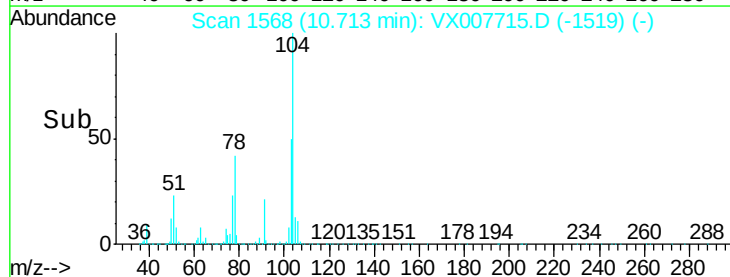
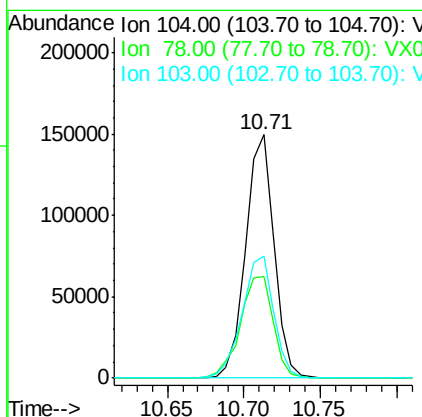
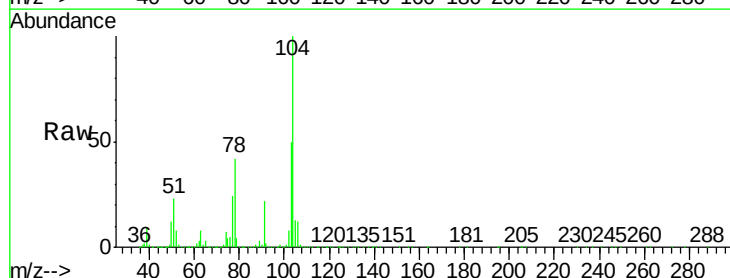
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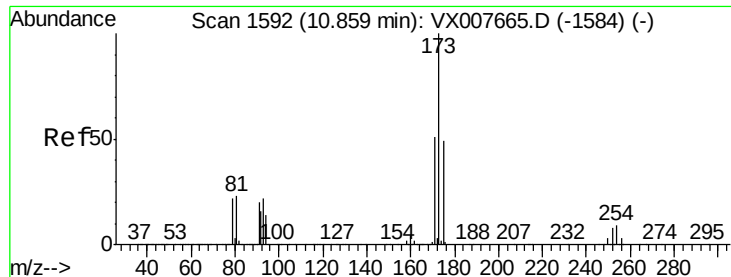
MMDadoda
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#70
Styrene
Concen: 19.391 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.3	57.5
103	56.0	44.6	67.0





#71

Bromoform

Concen: 18.506 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion:173 Resp: 47367

Ion Ratio Lower Upper

173 100

175 50.0 24.2 72.6

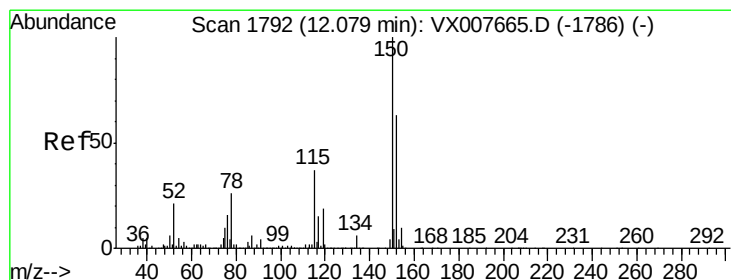
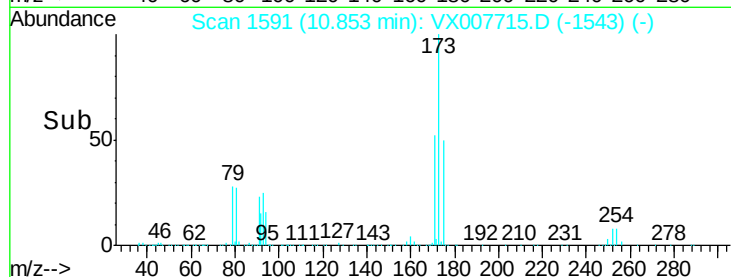
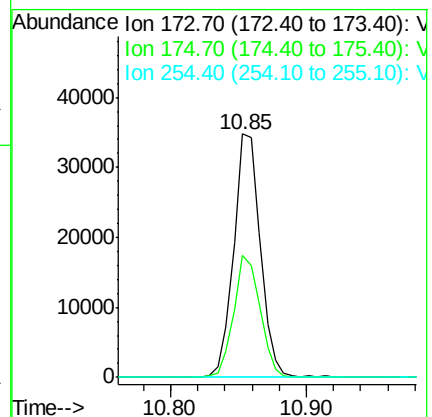
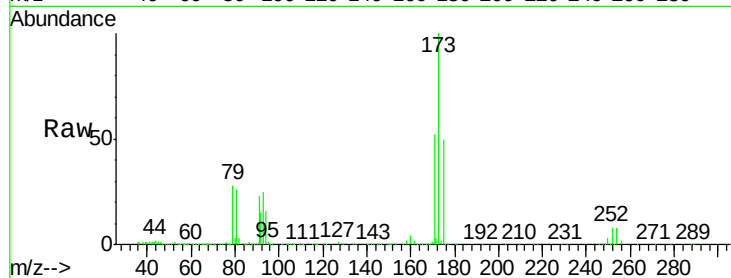
254 0.2 0.2 0.2

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

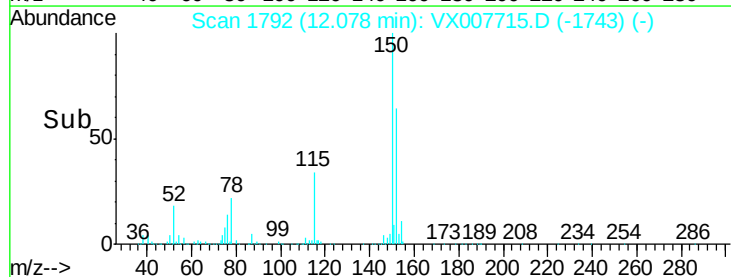
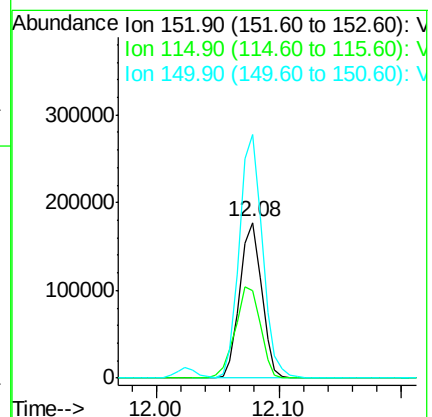
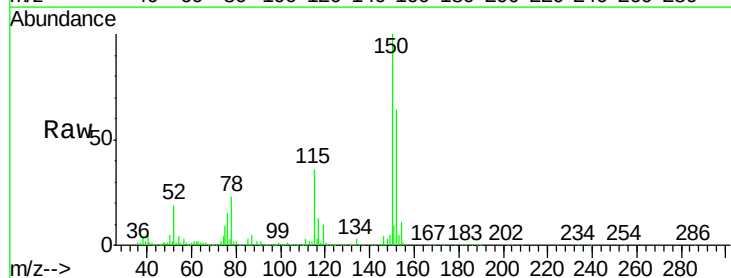
Tgt Ion:152 Resp: 219107

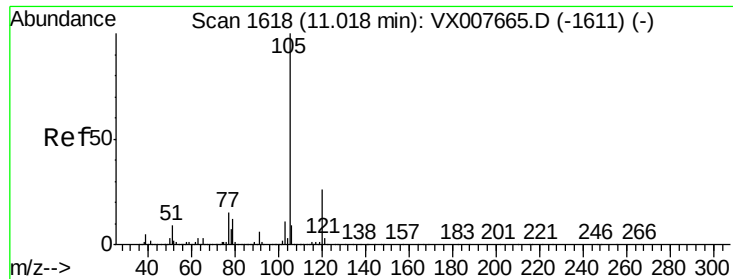
Ion Ratio Lower Upper

152 100

115 67.1 38.0 114.0

150 164.1 0.0 346.4





#73

Isopropylbenzene

Concen: 20.253 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 105 Resp: 317155

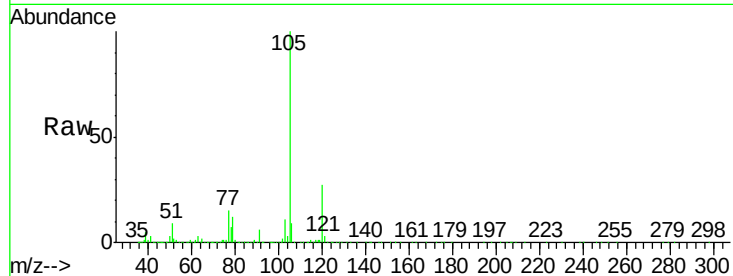
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7

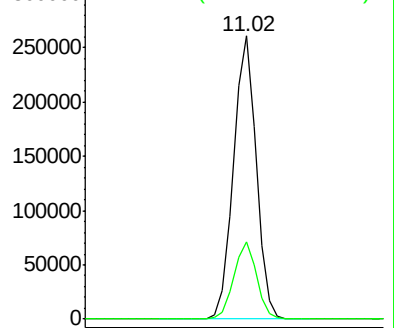
Manual Integrations
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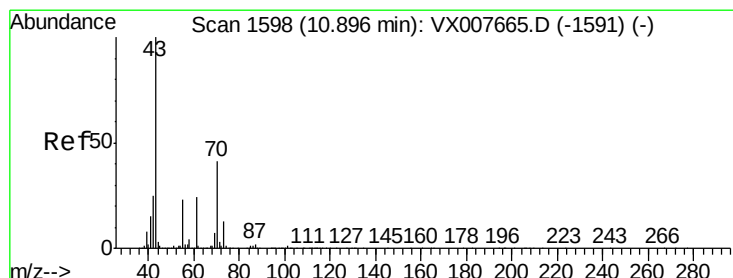
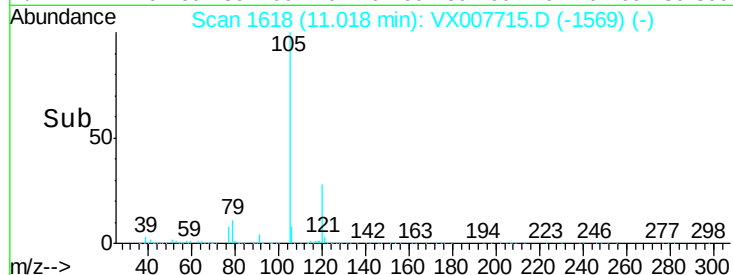


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.494 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion: 43 Resp: 132566

Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 26.1 19.5 29.3

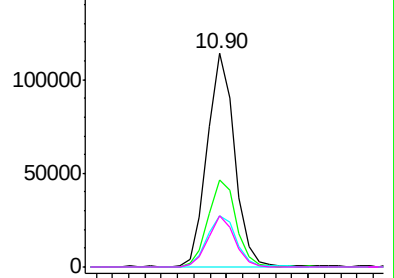
61 24.2 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

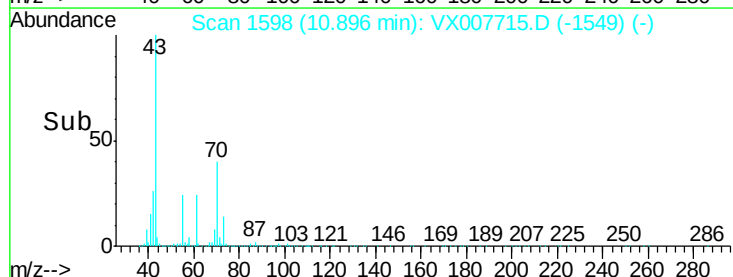
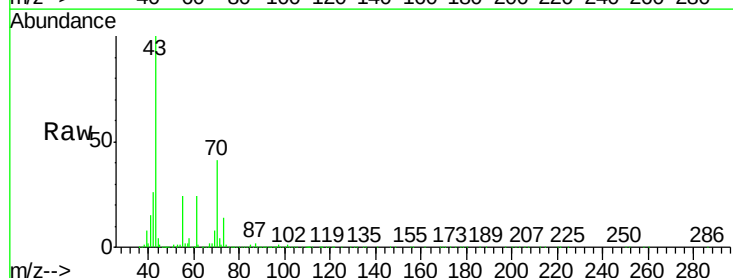
Ion 70.00 (69.70 to 70.70): VX0

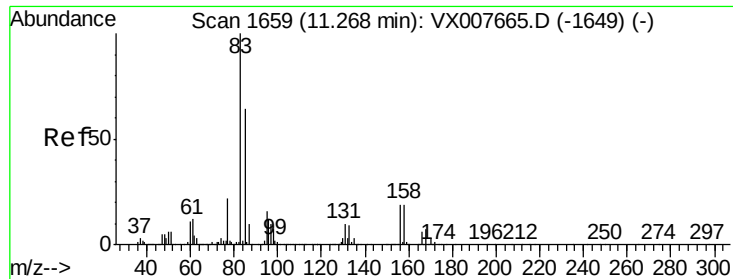
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

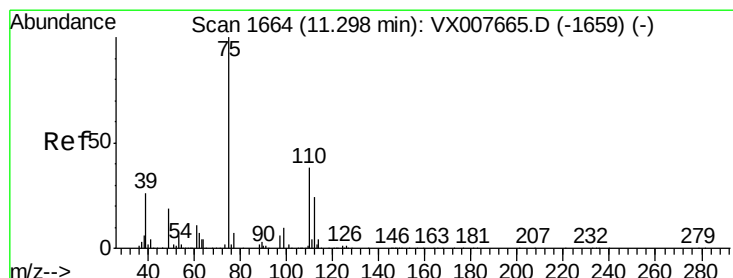
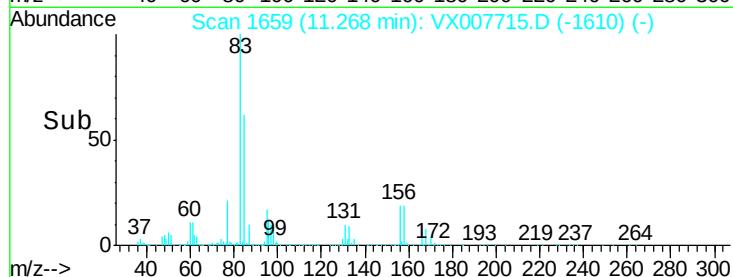
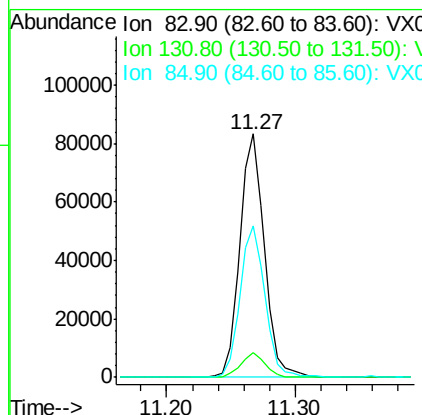
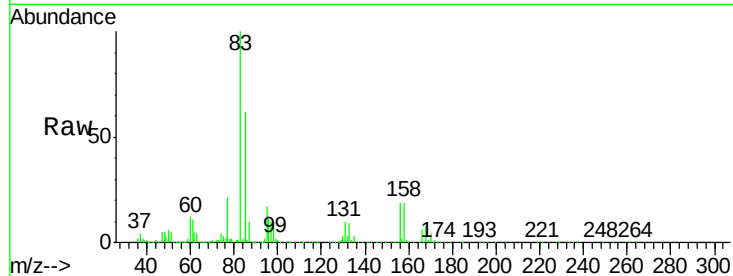
ClientSampleId :

VX0226WBS01

Tot Ion:	83	Resp:	110249
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.7	17.0
85	63.5	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.441 ug/l m

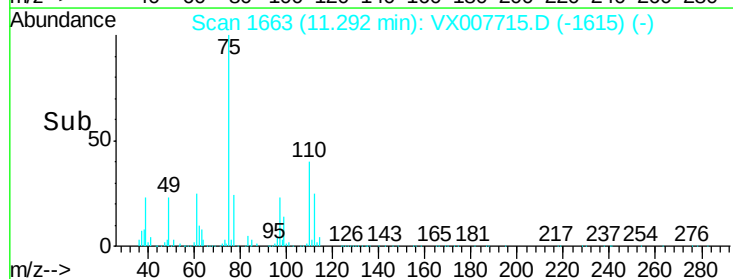
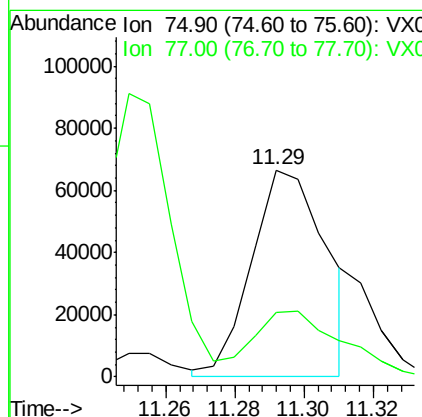
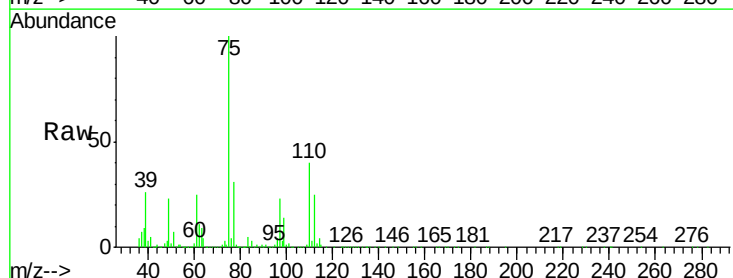
RT: 11.29 min Scan# 1663

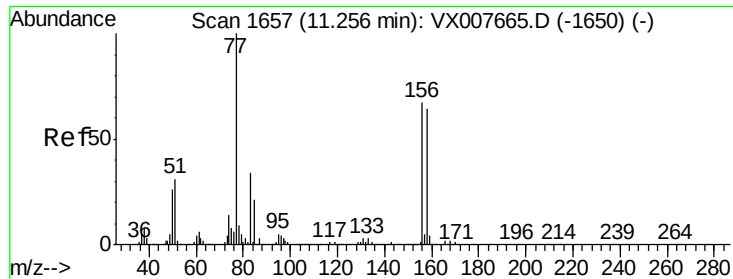
Delta R.T. -0.01 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	75	Resp:	100138
Ion Ratio	Lower	Upper	
75	100		
77	38.1	23.0	69.0





#77

Bromobenzene

Concen: 20.606 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

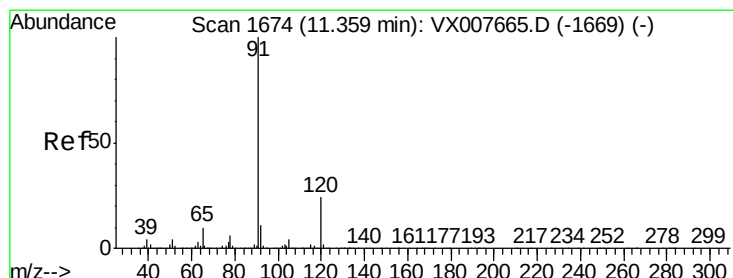
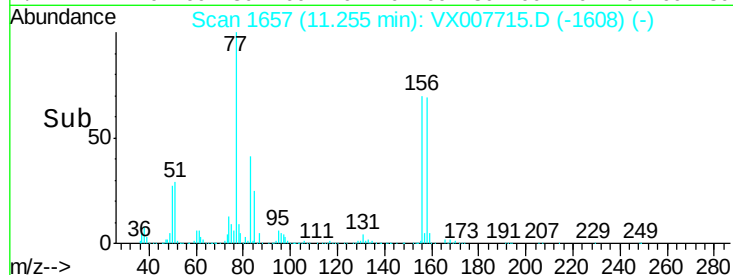
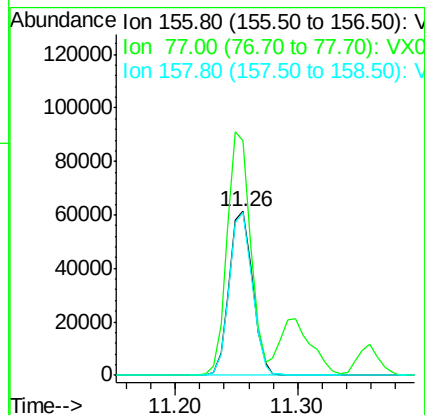
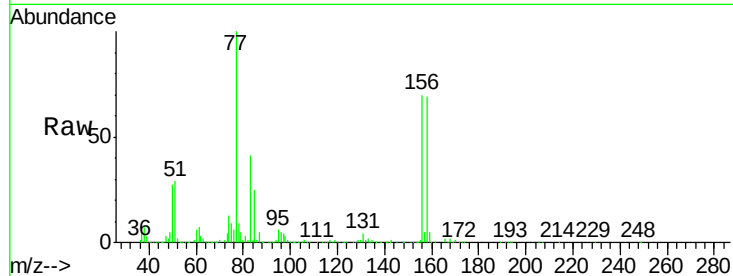
ClientSampled :

VX0226WBS01

Tot Ion:	156	Resp:	80935
Ion Ratio	Lower	Upper	
156	100		
77	148.4	66.8	200.6
158	97.9	47.9	143.8

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#78

n-propylbenzene

Concen: 19.941 ug/l

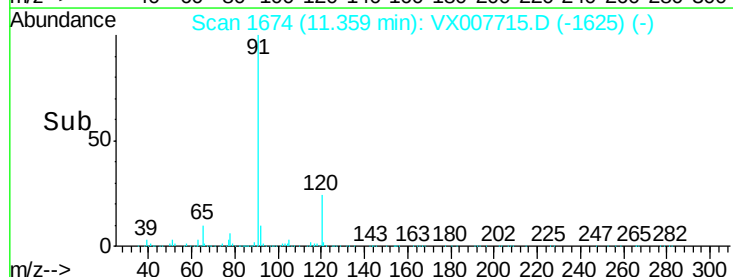
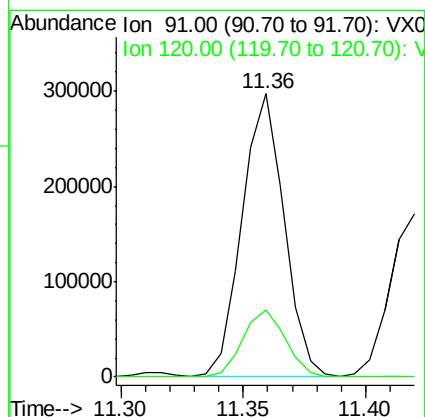
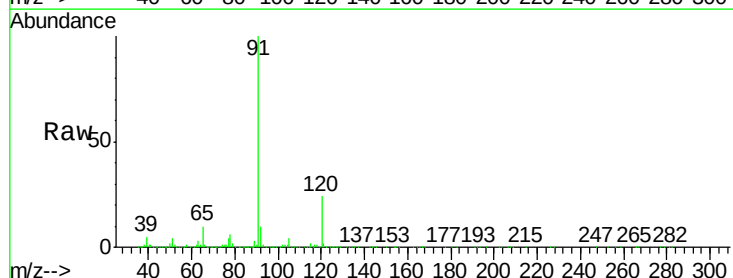
RT: 11.36 min Scan# 1674

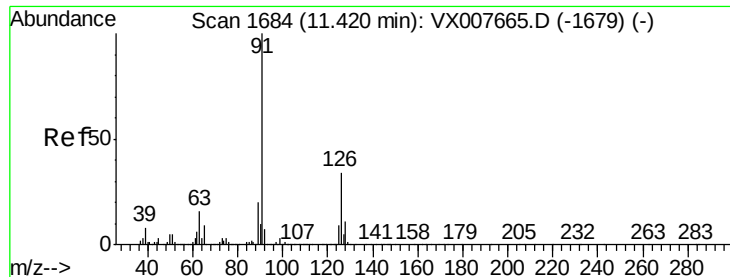
Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	91	Resp:	352870
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.889 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion: 91 Resp: 211914

Ion Ratio Lower Upper

91 100

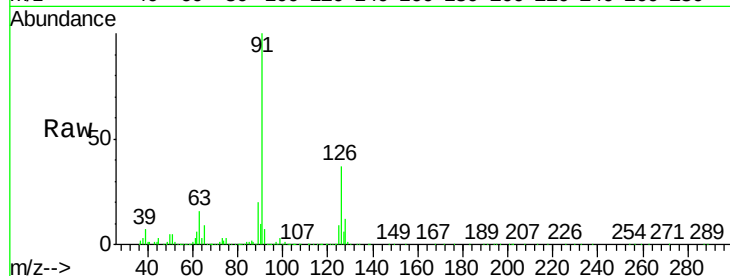
126 35.9 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

300000

200000

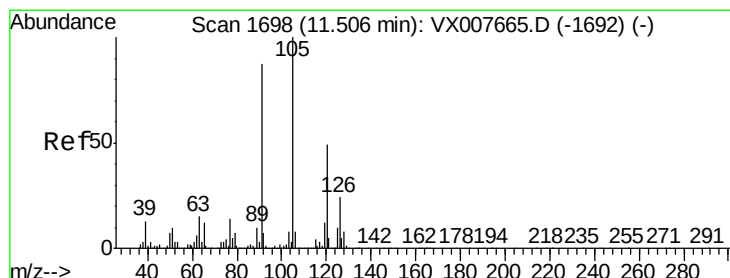
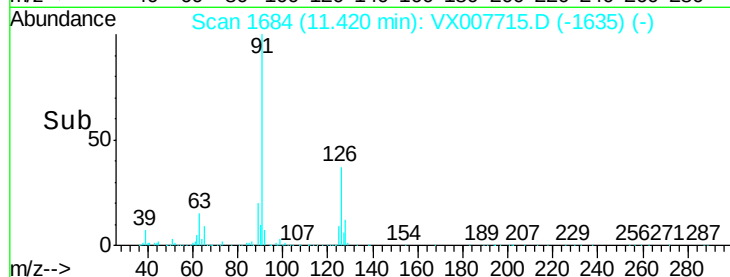
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.837 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007715.D

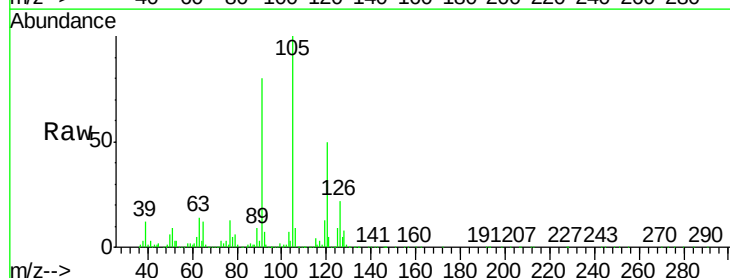
Acq: 26 Feb 2019 15:59

Tgt Ion:105 Resp: 255519

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

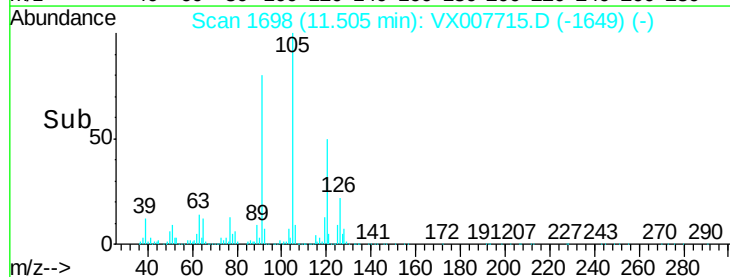
50000

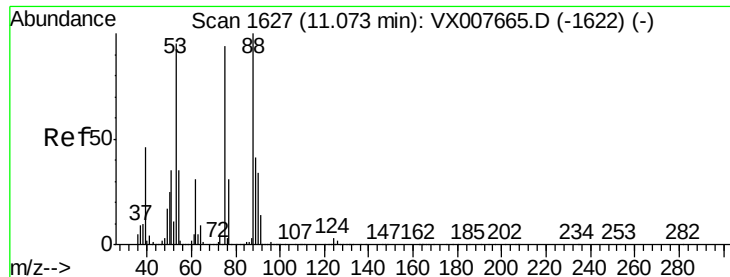
0

11.51

11.60

Time-->





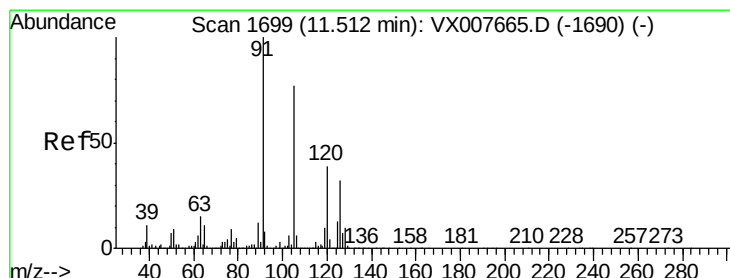
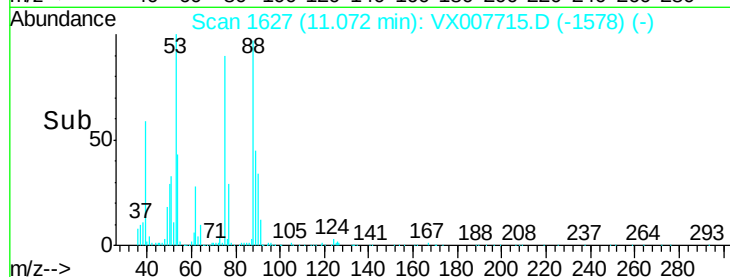
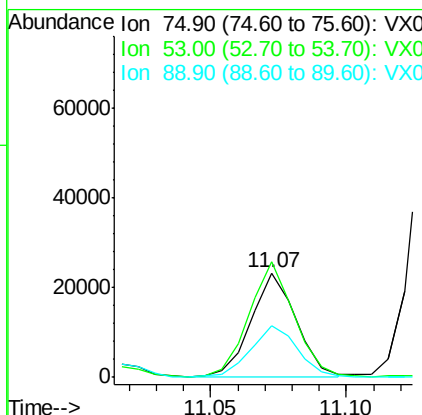
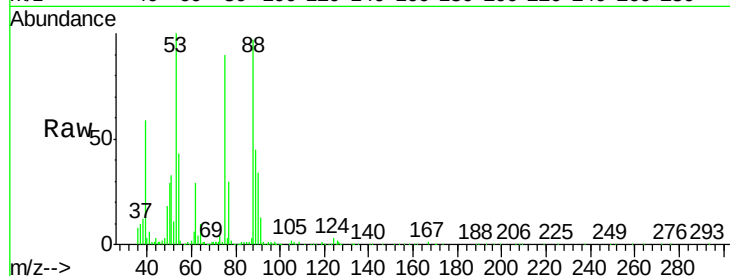
#81
trans-1,4-Dichloro-2-butene
Concen: 17.287 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampled :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.0	81.0	121.6
89	52.7	41.4	62.0

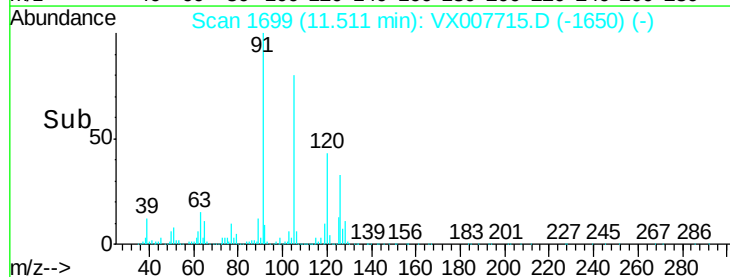
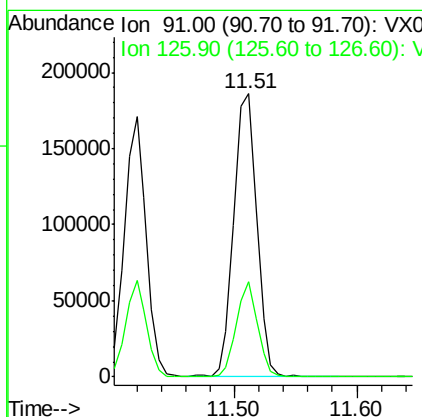
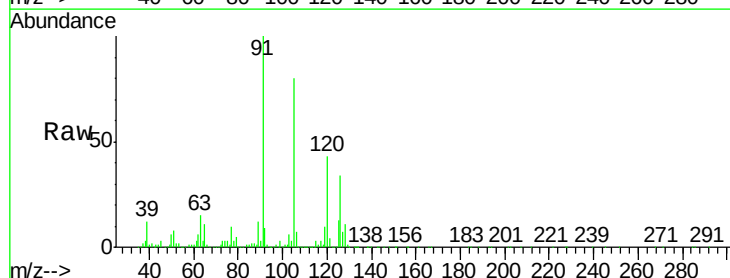
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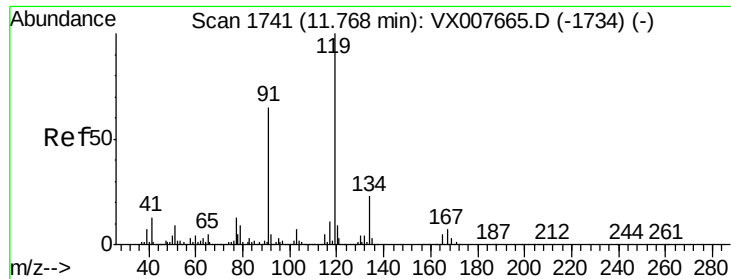
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.277 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





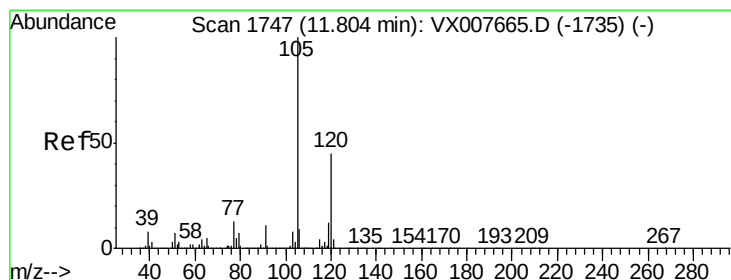
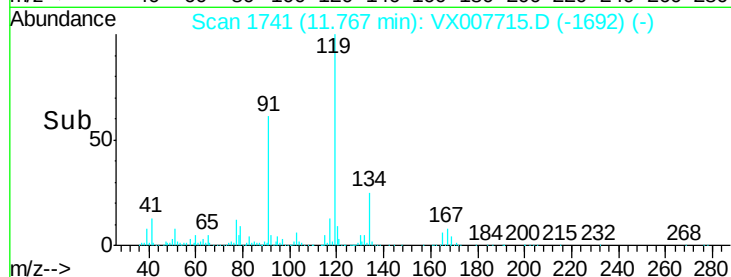
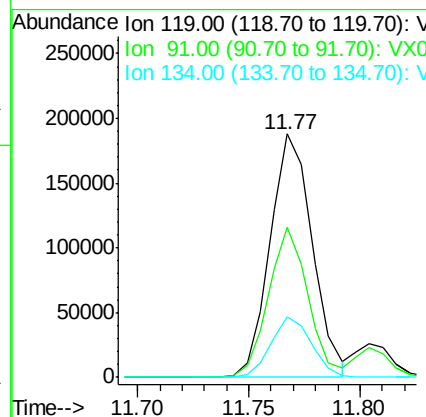
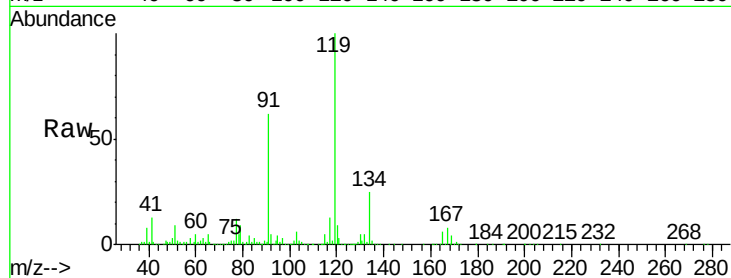
#83
 tert-Butylbenzene
 Concen: 20.042 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	247879		
91	57.4	28.5	85.6	
134	24.1	12.0	36.0	

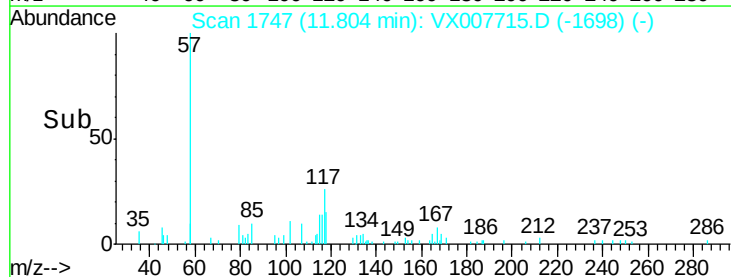
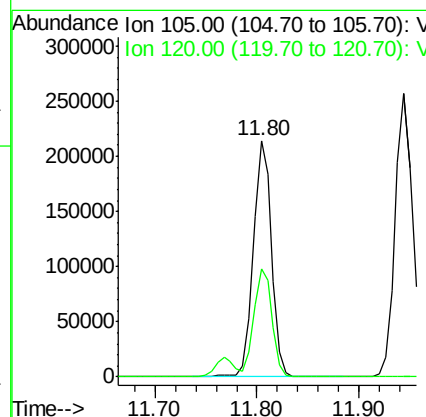
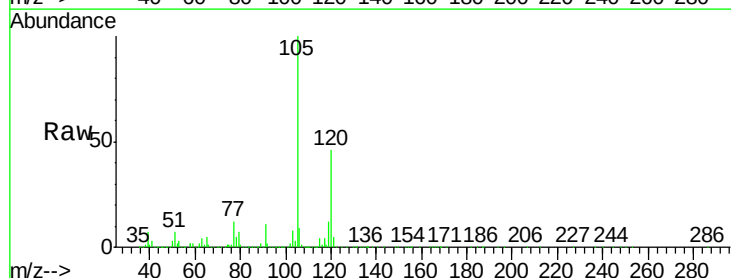
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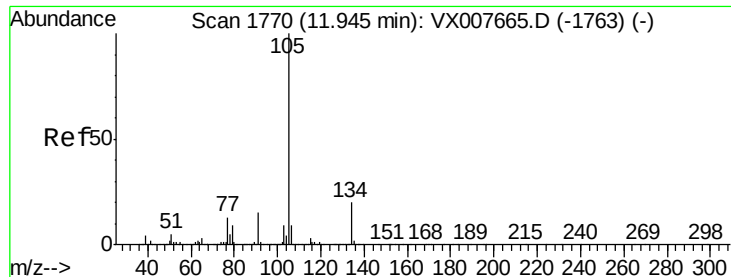
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.121 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265116		
120	45.7	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.865 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

VX0226WBS01

Tot Ion:105 Resp: 307870

Ion Ratio Lower Upper

105 100

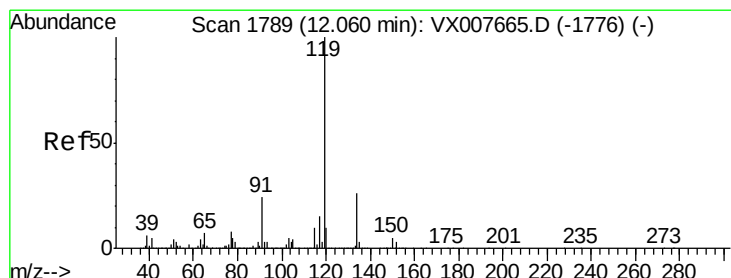
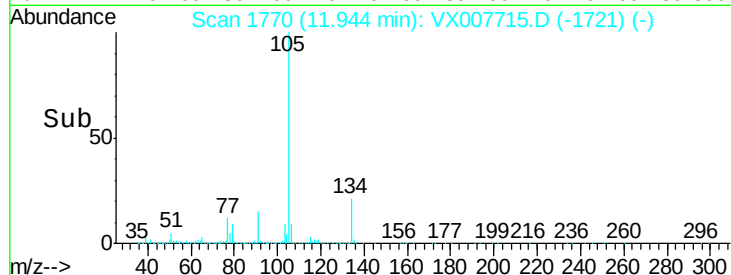
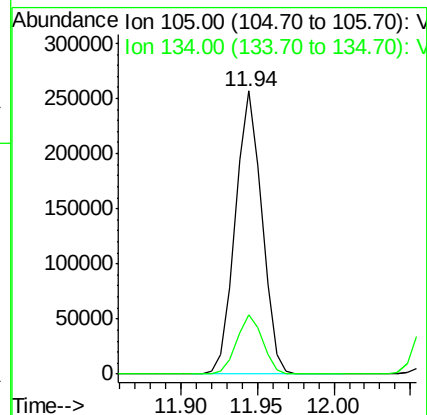
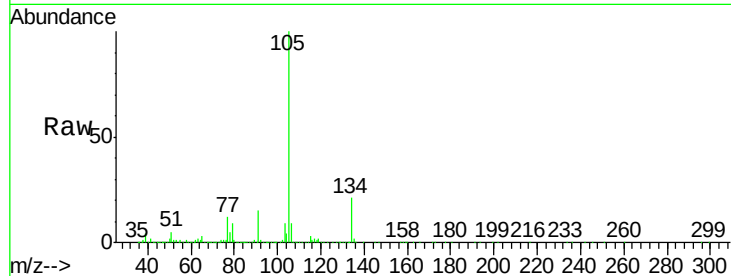
134 20.6 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.795 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

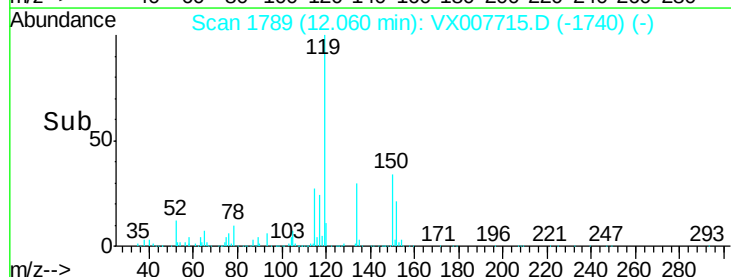
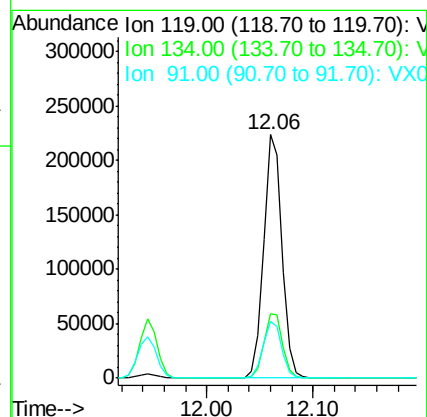
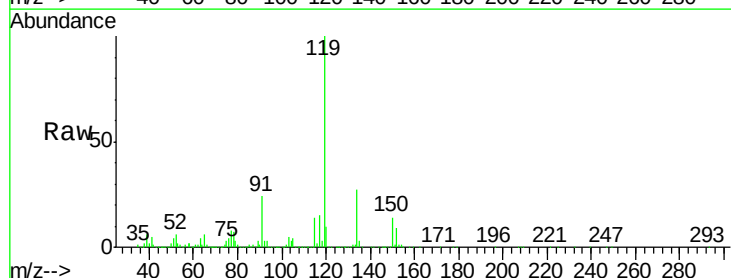
Tgt Ion:119 Resp: 268672

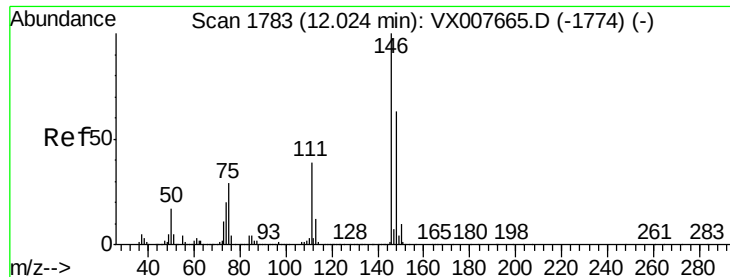
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 23.5 11.2 33.5





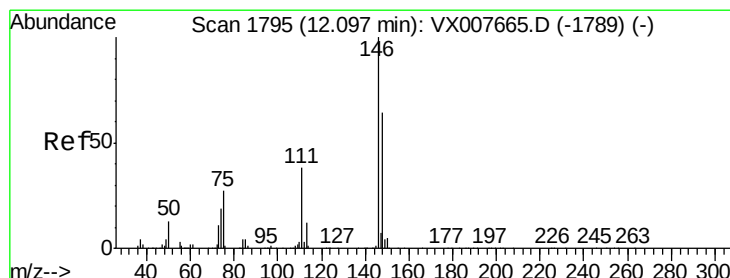
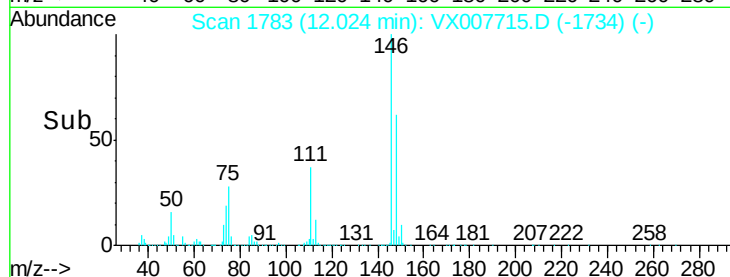
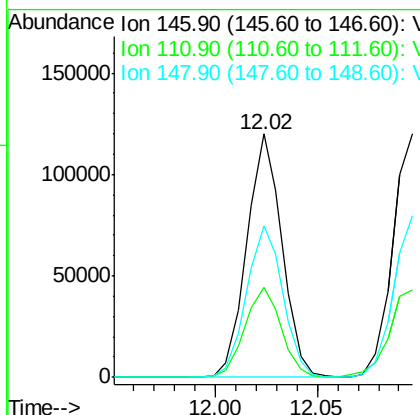
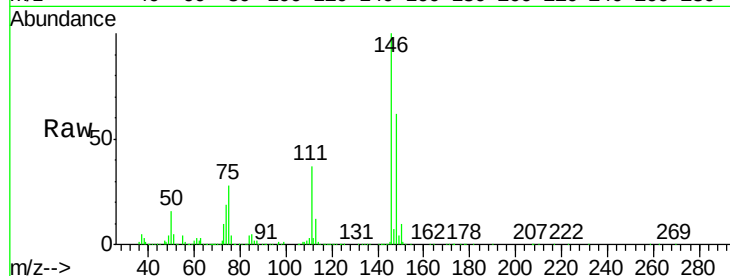
#87
 1,3-Dichlorobenzene
 Concen: 19.770 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	64.6	32.0	96.2

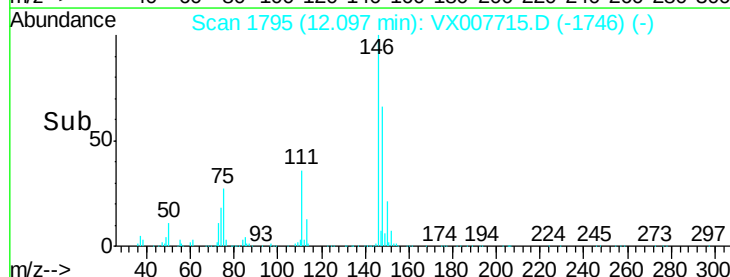
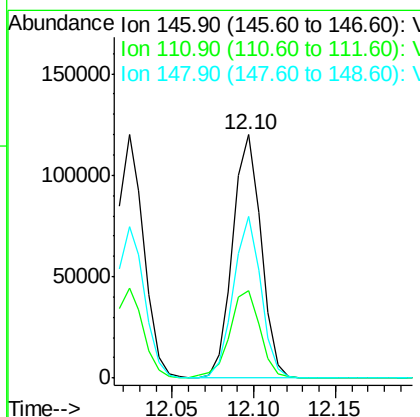
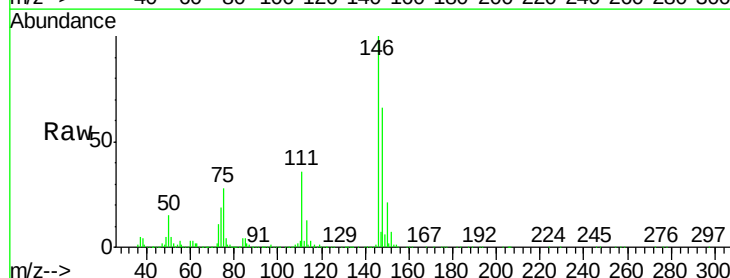
Manual Integrations
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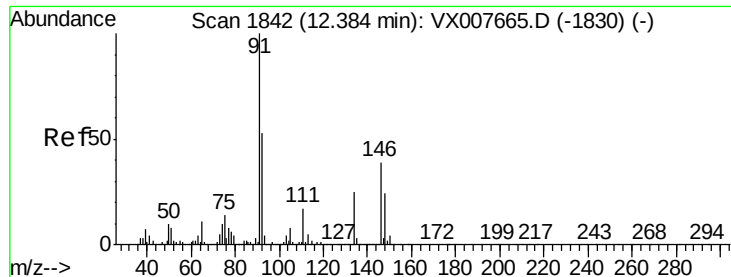
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#88
 1,4-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	64.1	32.3	96.9





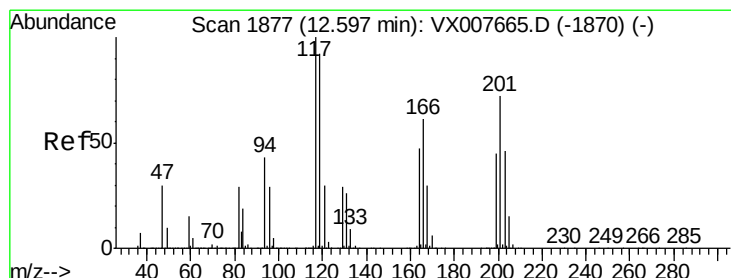
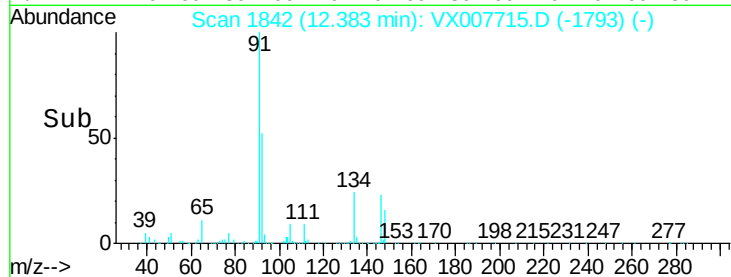
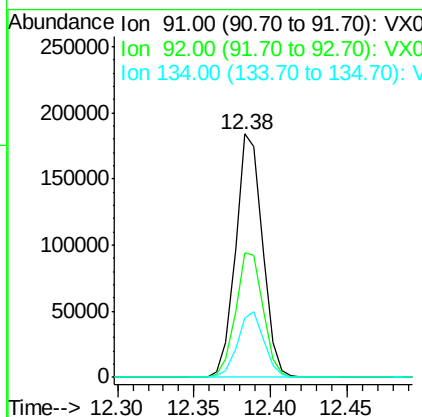
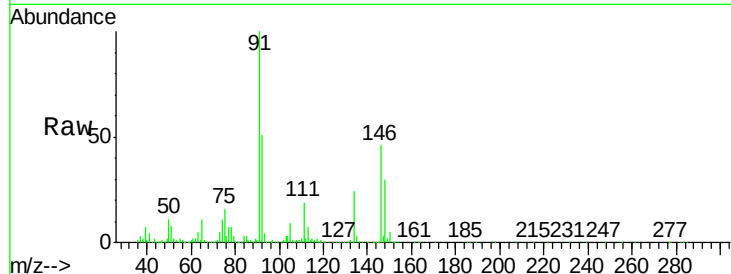
#89
n-Butylbenzene
Concen: 18.446 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
VX0226WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	26.4	13.9	41.6

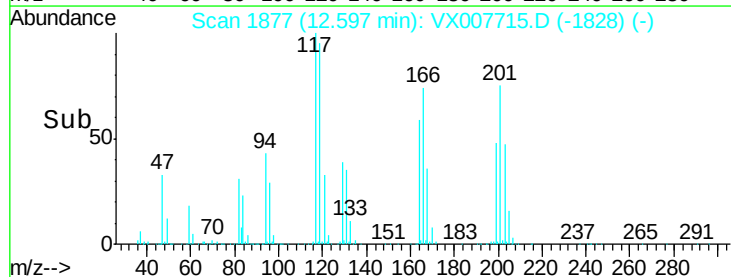
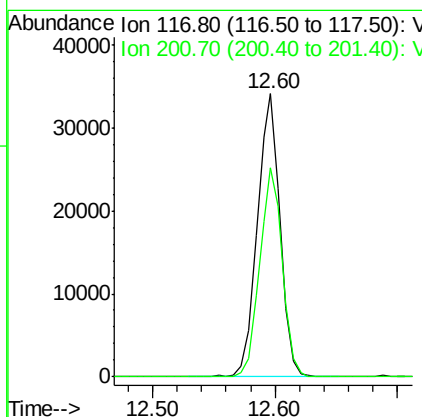
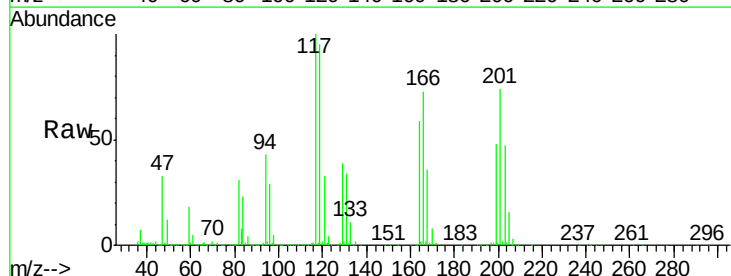
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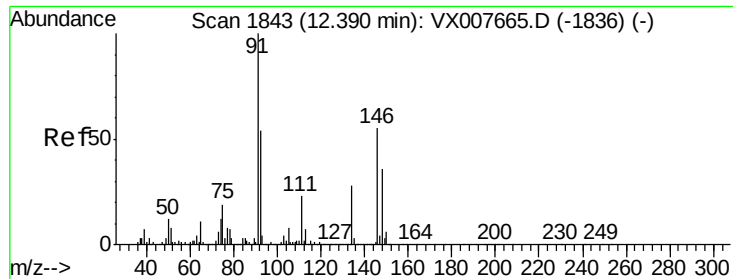
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#90
Hexachloroethane
Concen: 19.404 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007715.D
Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	44.9	134.7





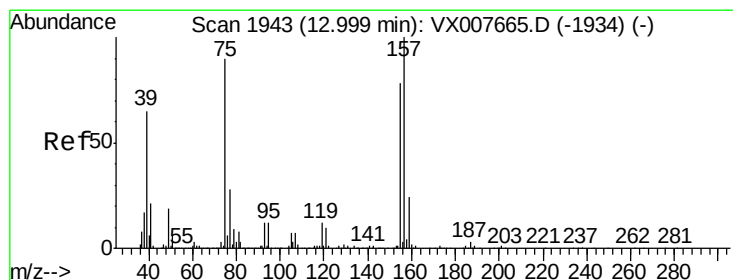
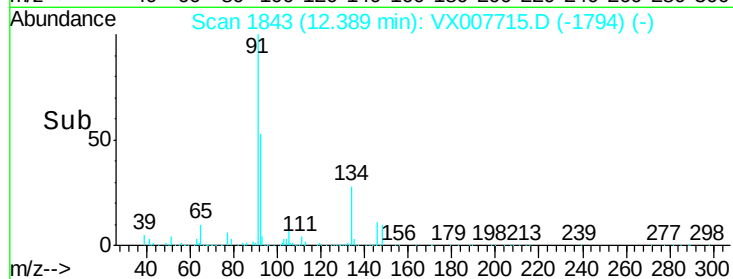
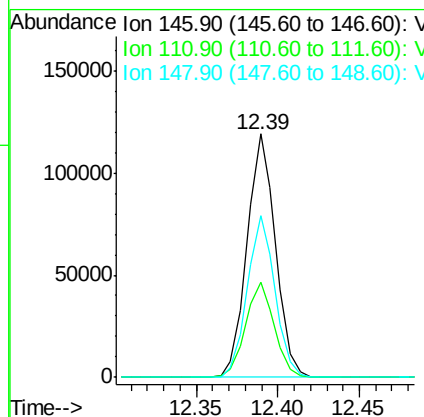
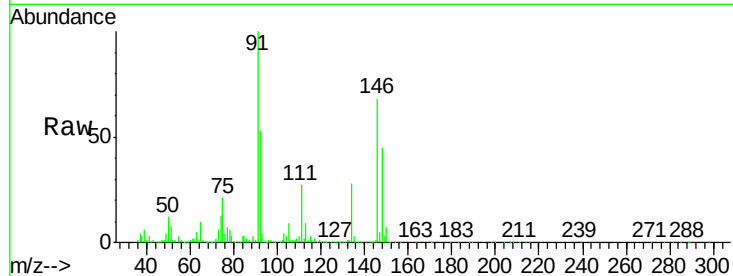
#91
 1,2-Dichlorobenzene
 Concen: 19.917 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145189		
111	39.5	19.1	57.3	
148	64.7	32.1	96.3	

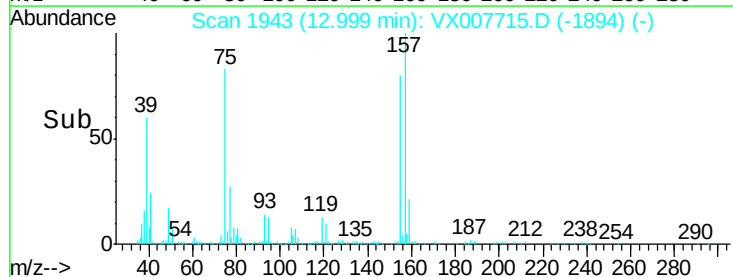
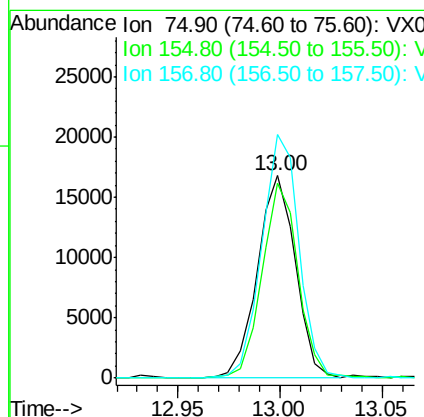
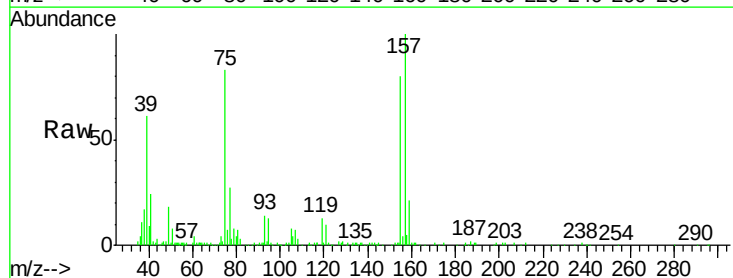
Manual Integrations
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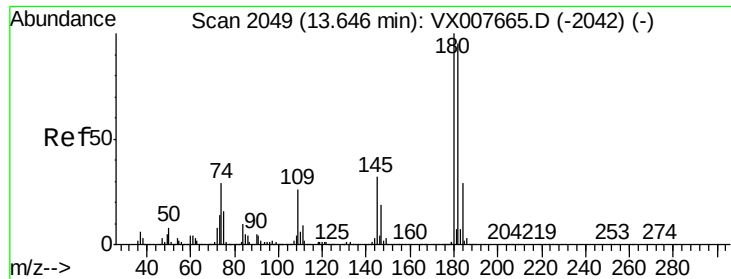
MMDadoda
 2/27/2019 10:06:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.412 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21729		
155	91.8	49.6	149.0	
157	118.4	65.1	195.3	





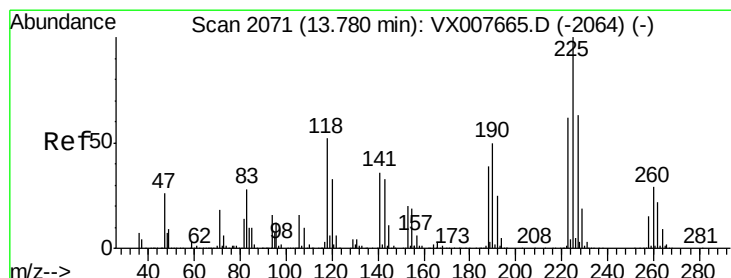
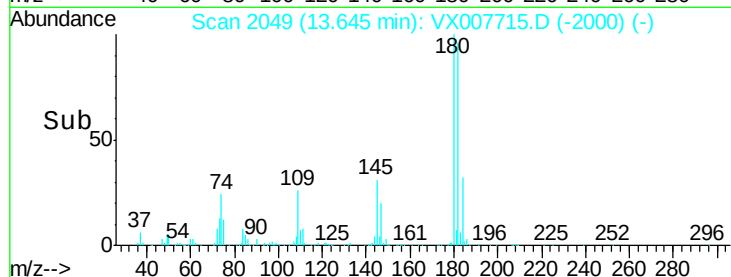
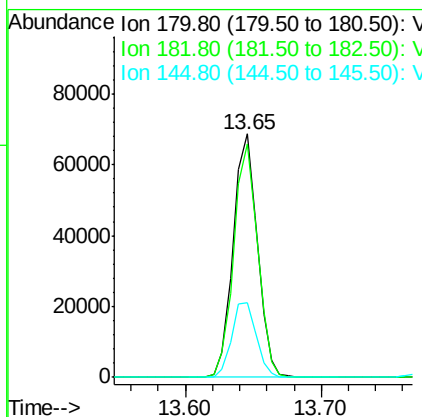
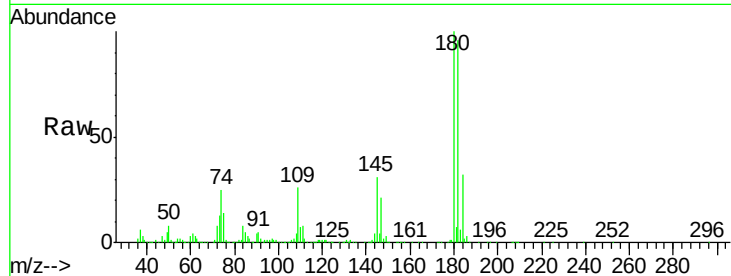
#93
 1,2,4-Trichlorobenzene
 Concen: 19.197 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85425		
182	94.6	47.8	143.3	
145	31.4	14.1	42.2	

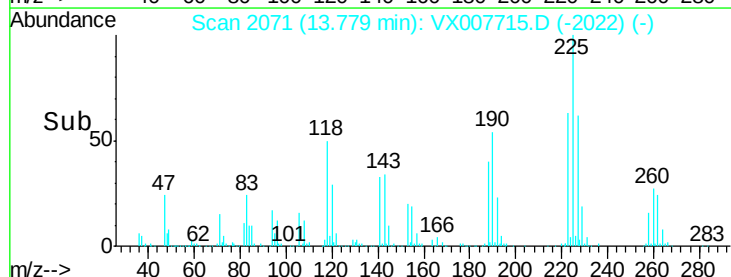
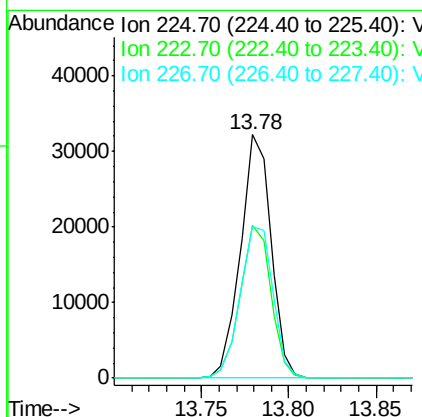
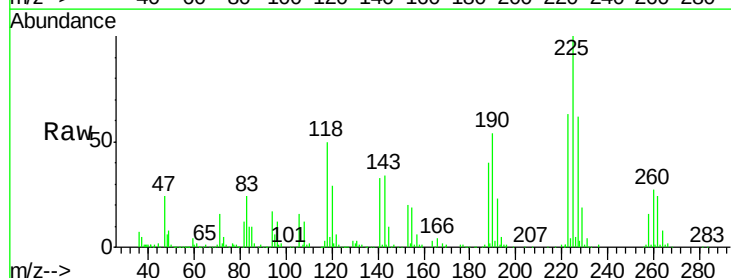
Manual Integrations
 APPROVED

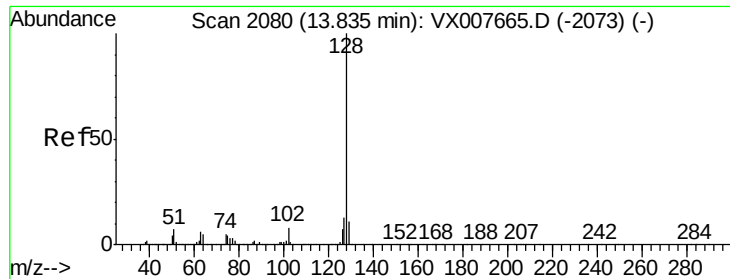
MMDadoda
 2/27/2019 10:06:56 AM



#94
 Hexachlorobutadiene
 Concen: 19.321 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007715.D
 Acq: 26 Feb 2019 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39331		
223	63.3	31.6	94.8	
227	66.6	32.1	96.3	





#95

Naphthalene

Concen: 20.390 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Instrument :

MSVOA_X

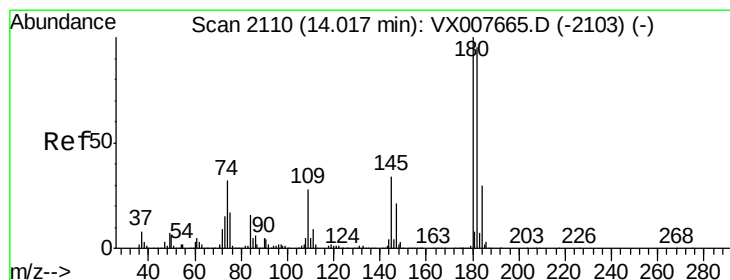
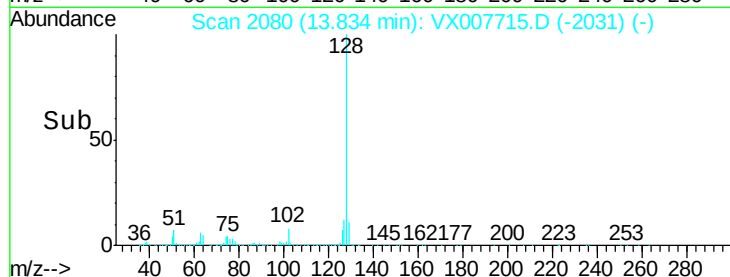
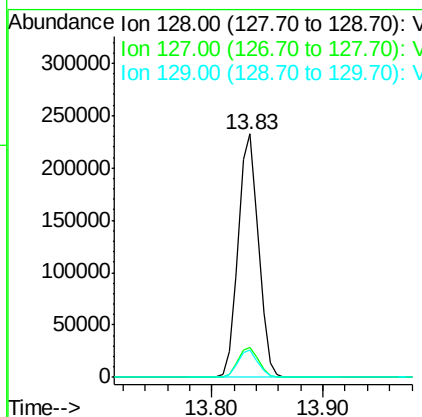
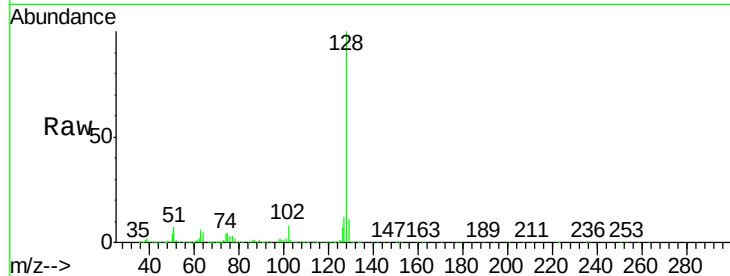
ClientSampleId :

VX0226WBS01

Tot Ion:	128	Resp:	293951
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/27/2019 10:06:56 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.670 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007715.D

Acq: 26 Feb 2019 15:59

Tgt Ion:	180	Resp:	87888
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.5	142.6
145	31.5	14.9	44.5

