

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051418\
 Data File : VX001708.D
 Acq On : 14 May 2018 12:47
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Manual Integrations
 APPROVED

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 5/16/2018 6:19:00 PM

Quant Time: May 16 03:22:14 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	64072	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	333335	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	305294	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	133362	28.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.10%
60) 4-Bromofluorobenzene	11.14	95	144692	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.72	98	416618	30.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	75875	24.30	ug/l	100
3) Chloromethane	1.33	50	73798	21.35	ug/l	99
4) Vinyl Chloride	1.41	62	78295	21.69	ug/l	100
5) Bromomethane	1.65	94	39837	22.33	ug/l	93
6) Chloroethane	1.73	64	49915	20.77	ug/l	93
7) Trichlorofluoromethane	1.93	101	119822	23.11	ug/l	99
8) Diethyl Ether	2.19	74	45347	20.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73009	25.34	ug/l	98
10) 1,1-Dichloroethene	2.38	96	65161	21.97	ug/l	97
11) Methyl Iodide	2.51	142	67449	15.65	ug/l	97
12) Methyl Acetate	2.78	43	92106	18.27	ug/l	97
13) Acrolein	2.30	56	48102	84.14	ug/l	97
14) Acrylonitrile	3.15	53	184557	91.63	ug/l	99
15) Acetone	2.45	58	55004	101.65	ug/l	97
16) Carbon Disulfide	2.57	76	160338	21.83	ug/l	99
17) Allyl chloride	2.73	41	119544	21.13	ug/l	97
18) Methylene Chloride	2.86	84	72180	20.62	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	70471	21.89	ug/l	97
20) Diisopropyl ether	3.87	45	226132	21.40	ug/l	98
21) 1,1-Dichloroethane	3.70	63	128622	21.16	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	77685	21.41	ug/l	98
23) tert-Butyl Alcohol	3.06	59	80410m	89.73	ug/l	
24) Methyl tert-Butyl Ether	3.21	73	216554	20.10	ug/l	99
25) Chloroform	5.22	83	133553	21.33	ug/l	99
26) Cyclohexane	5.58	56	111354	25.11	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	98844	23.60	ug/l	98
30) 2-Butanone	4.71	43	255978	92.63	ug/l	99
31) 2,2-Dichloropropane	4.59	77	104518	29.03	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	117507	22.06	ug/l	99
33) Carbon Tetrachloride	5.79	117	105693	22.53	ug/l	96
34) Benzene	6.15	78	288886	21.57	ug/l #	95
35) Methacrylonitrile	5.07	41	55332	18.47	ug/l	94
36) 1,2-Dichloroethane	6.20	62	107272	20.25	ug/l	99
37) Trichloroethene	7.22	130	91030	23.07	ug/l	98
38) Methylcyclohexane	7.46	83	119683	26.73	ug/l	98
39) 1,2-Dichloropropane	7.52	63	70286	20.94	ug/l	100
40) Dibromomethane	7.67	93	49555	20.60	ug/l	98

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 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0514WBS01

Manual Integrations
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Quant Time: May 16 03:22:14 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	94255	20.83	ug/l	99
42) Vinyl Acetate	3.83	43	948296	104.04	ug/l	100
43) Ethyl Acetate	4.86	43	96762	18.37	ug/l	99
44) Isopropyl Acetate	6.47	43	149085	18.49	ug/l	98
45) 1,4-Dioxane	7.76	88	34573	365.58	ug/l	95
46) Methyl methacrylate	7.78	41	80868	18.57	ug/l	97
47) n-amyl Acetate	10.90	43	124307	18.05	ug/l	98
48) t-1,3-Dichloropropene	8.44	75	110825	22.19	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	97608	22.12	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	75913	21.31	ug/l	95
51) Ethyl methacrylate	9.18	69	99814	19.44	ug/l	100
52) 1,3-Dichloropropane	9.38	76	124765	21.26	ug/l	99
53) Dibromochloromethane	9.59	129	78737	21.29	ug/l	100
54) 1,2-Dibromoethane	9.68	107	79532	21.17	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	265796	97.36	ug/l	99
56) Bromoform	10.86	173	58349	19.29	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	503287	91.65	ug/l	100
59) 2-Hexanone	9.50	43	381038	92.62	ug/l	99
61) Tetrachloroethene	9.34	164	110457	24.87	ug/l	97
62) Toluene	8.79	91	324773	22.12	ug/l	100
64) Chlorobenzene	10.14	112	212679	22.04	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	78437	21.51	ug/l	99
66) Ethyl Benzene	10.26	91	344219	22.59	ug/l	98
67) m/p-Xylenes	10.37	106	292750	48.11	ug/l	97
68) o-Xylene	10.70	106	130119	21.61	ug/l	99
69) Styrene	10.72	104	218831	22.03	ug/l	98
70) Isopropylbenzene	11.02	105	357473	23.05	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	96415	18.53	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	97645m	19.37	ug/l	
73) Bromobenzene	11.26	156	100866	21.46	ug/l	99
74) n-propylbenzene	11.37	91	412238	24.14	ug/l	99
75) 2-Chlorotoluene	11.43	91	244398	22.82	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	301446	23.09	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	25958	20.02	ug/l	93
78) 4-Chlorotoluene	11.52	91	281808	23.14	ug/l	100
79) tert-butylbenzene	12.07	119	341663	24.74	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	309075	23.19	ug/l	99
81) sec-Butylbenzene	11.95	105	366996	24.28	ug/l	99
82) p-Isopropyltoluene	12.07	119	341663	24.74	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	187242	22.84	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	189022	22.94	ug/l	99
85) n-Butylbenzene	12.40	91	285433	25.99	ug/l	99
86) Hexachloroethane	12.60	117	48640	22.20	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	185309	21.81	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20485	16.90	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	142749	23.64	ug/l	100
90) Hexachlorobutadiene	13.79	225	79362	25.69	ug/l	98
91) Naphthalene	13.84	128	367873	20.34	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	144919	22.69	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

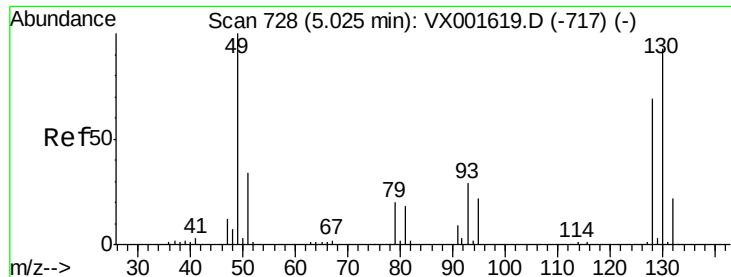
Manual Integrations
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Quant Time: May 16 03:22:14 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



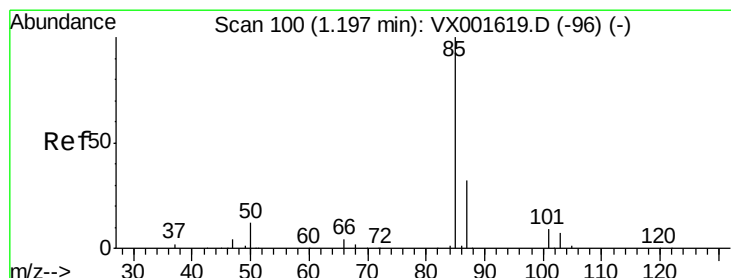
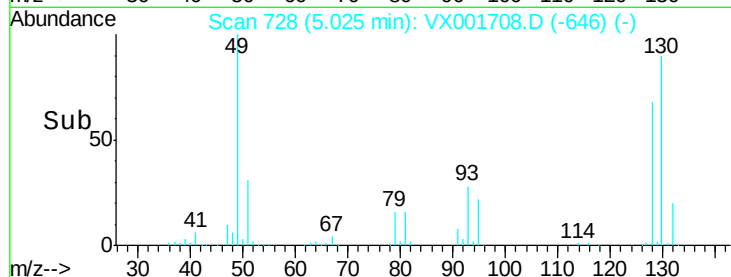
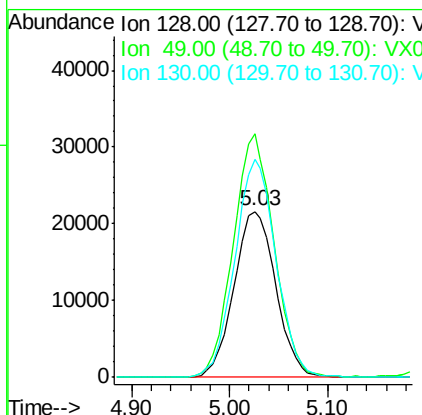
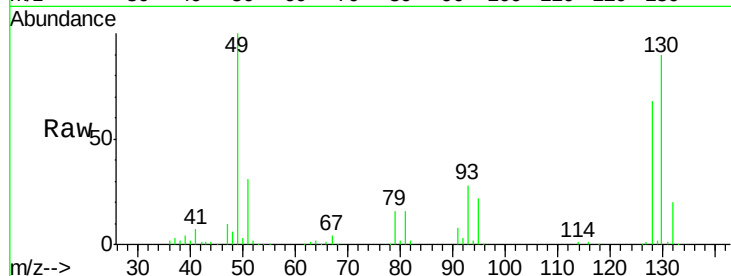
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	143.8	0.0	372.0
130	129.3	0.0	326.5

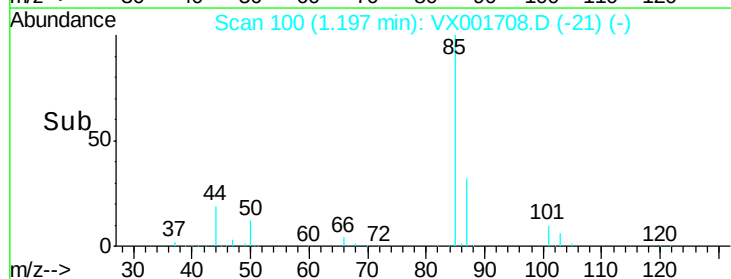
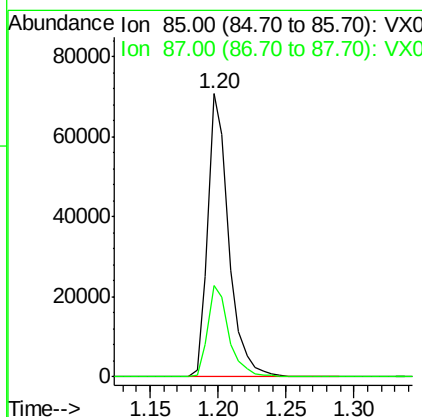
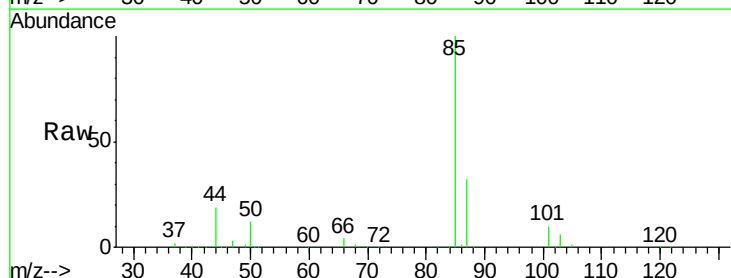
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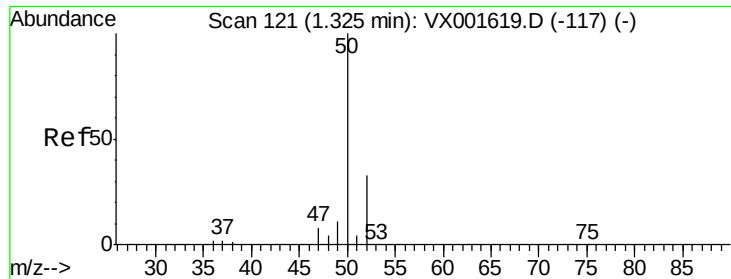
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#2
 Dichlorodifluoromethane
 Concen: 24.30 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.8





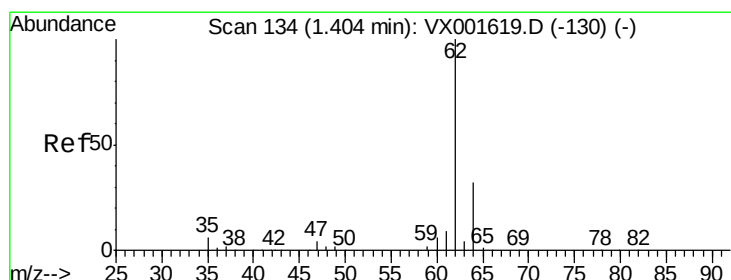
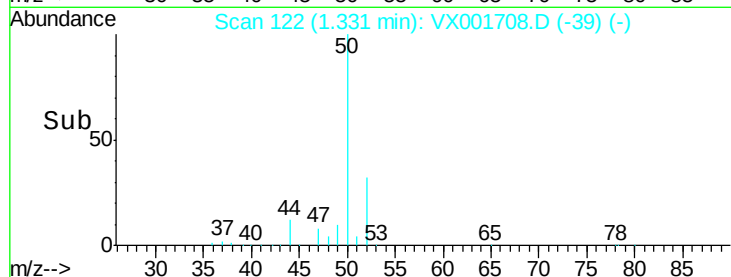
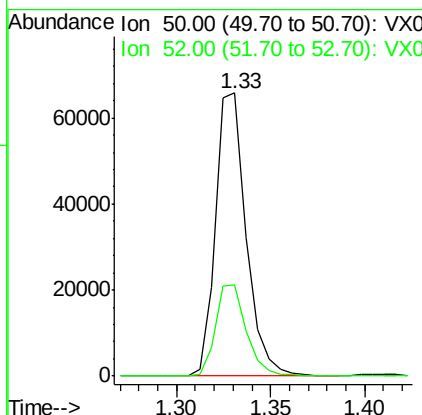
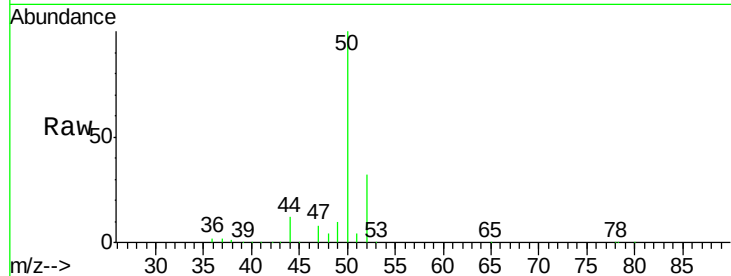
#3
Chloromethane
Concen: 21.35 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion: 50 Resp: 73798
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

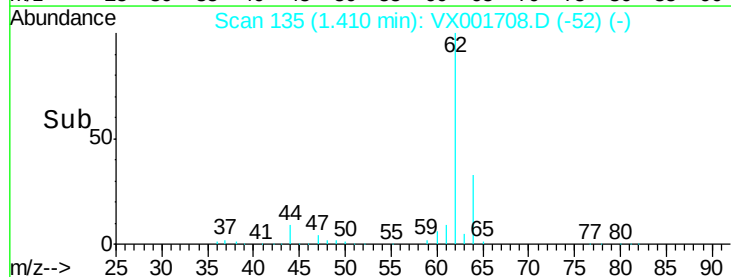
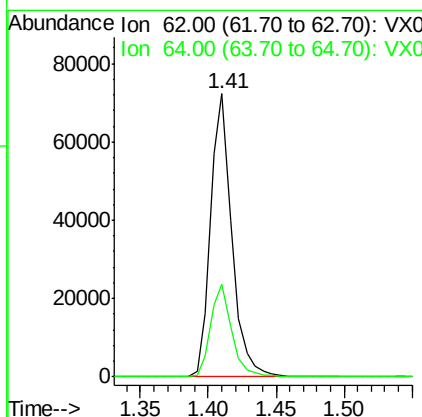
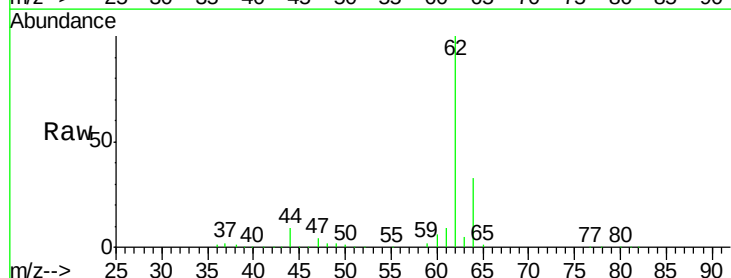
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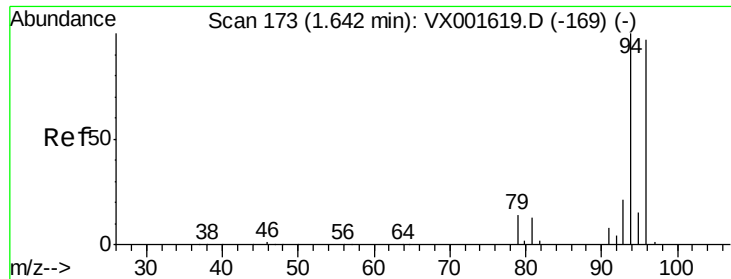
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#4
Vinyl Chloride
Concen: 21.69 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion: 62 Resp: 78295
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 22.33 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 94 Resp: 39837

Ion Ratio Lower Upper

94 100

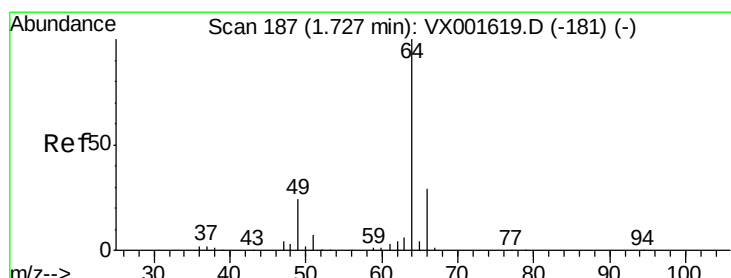
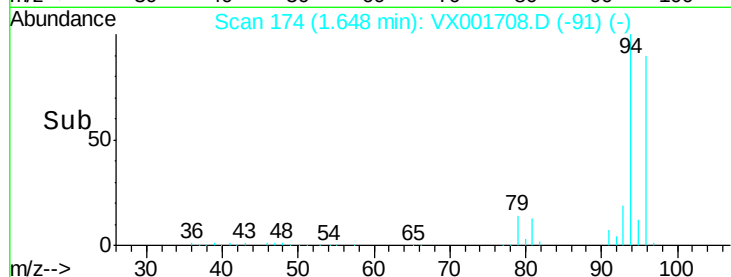
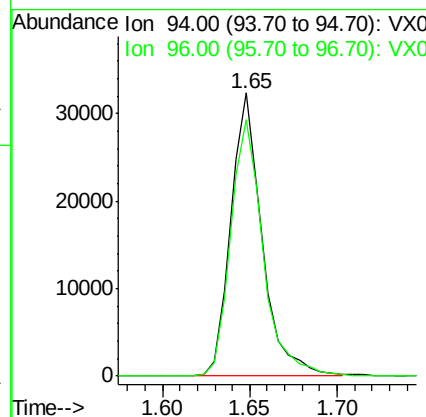
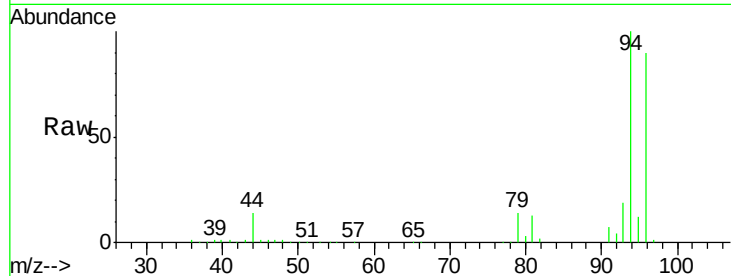
96 90.5 77.8 116.8

Manual Integrations

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#6

Chloroethane

Concen: 20.77 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001708.D

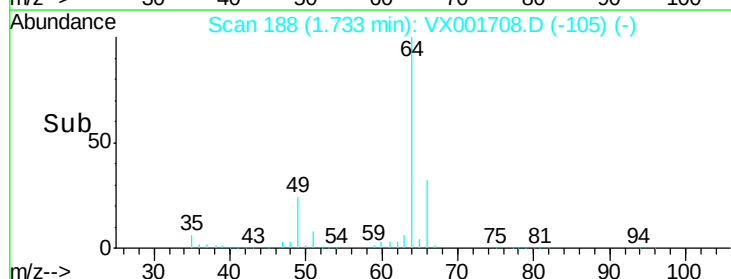
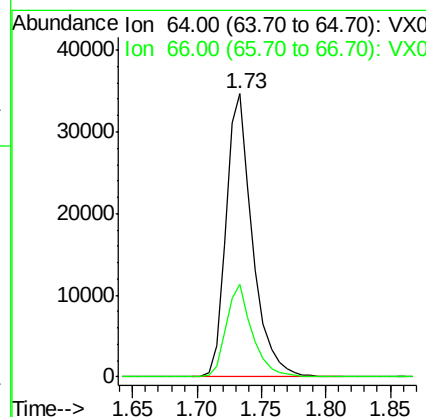
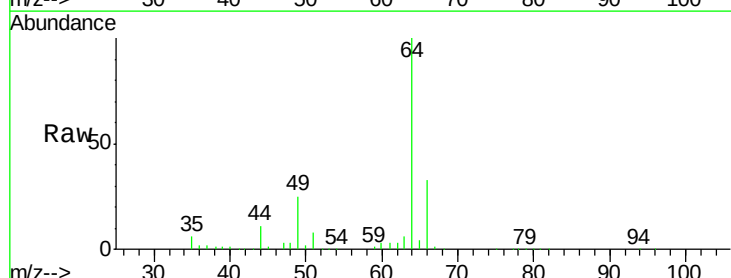
Acq: 14 May 2018 12:47

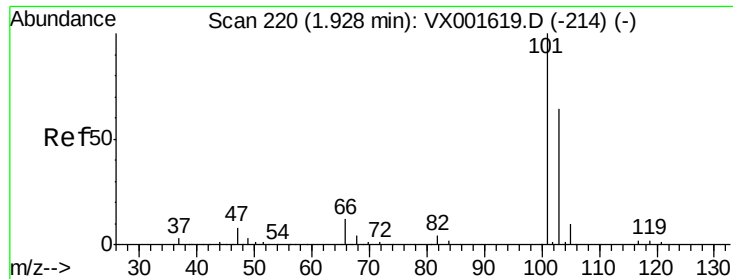
Tgt Ion: 64 Resp: 49915

Ion Ratio Lower Upper

64 100

66 32.9 23.4 35.2





#7

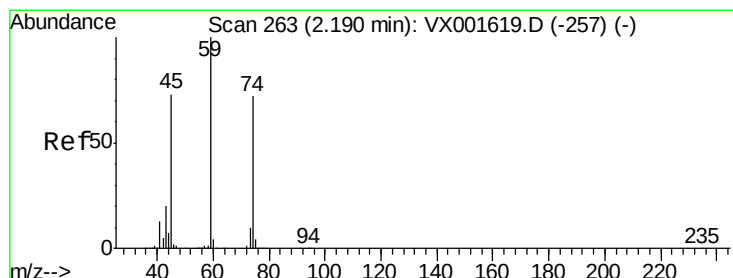
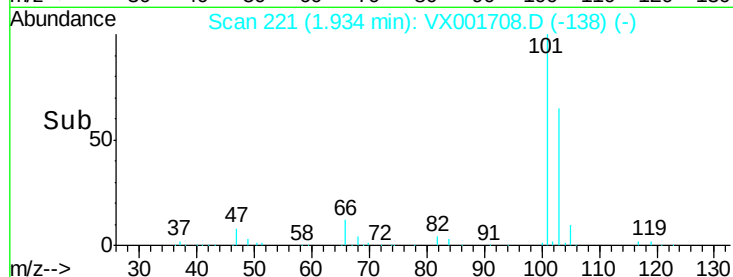
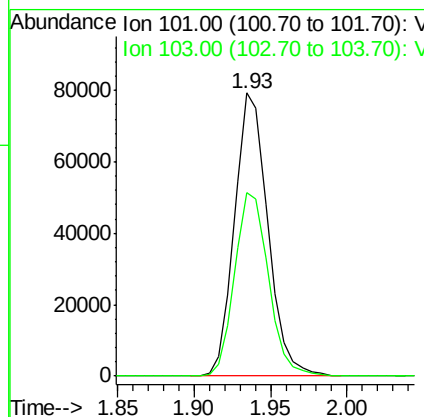
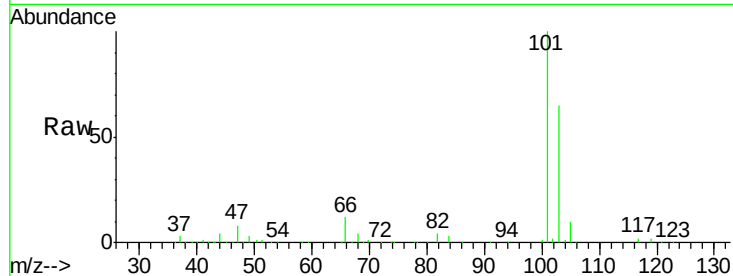
Trichlorofluoromethane
 Concen: 23.11 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion:101 Resp: 119822
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0

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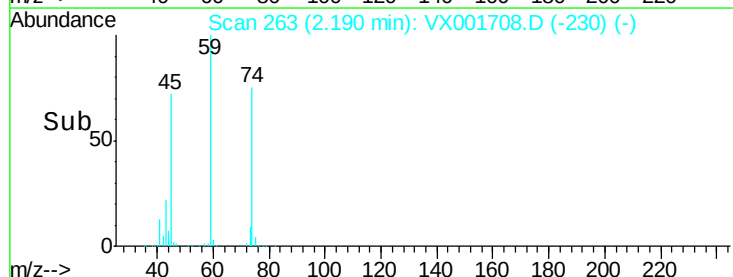
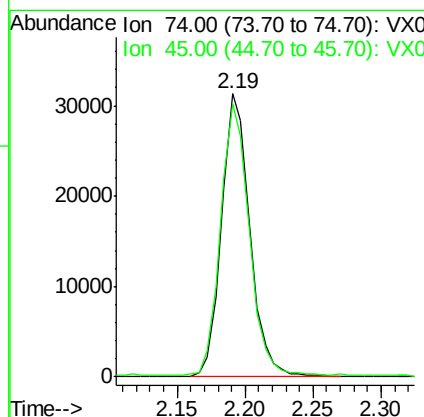
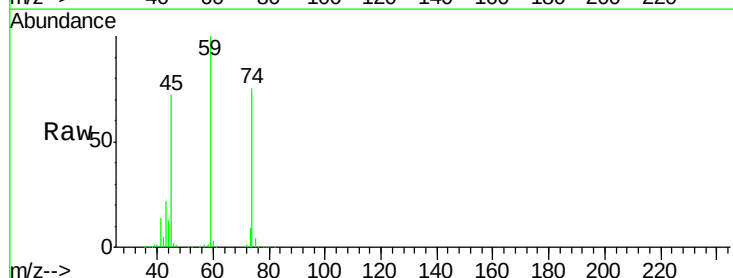
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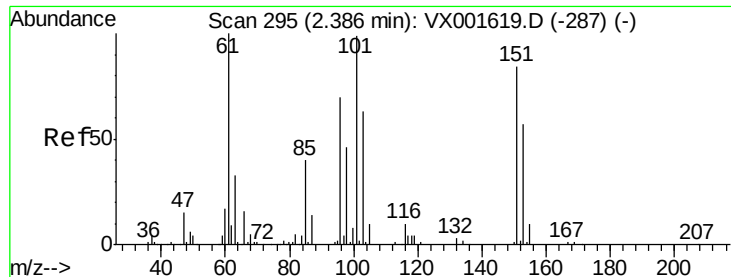


#8

Diethyl Ether
 Concen: 20.17 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion: 74 Resp: 45347
 Ion Ratio Lower Upper
 74 100
 45 98.0 19.4 174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.34 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

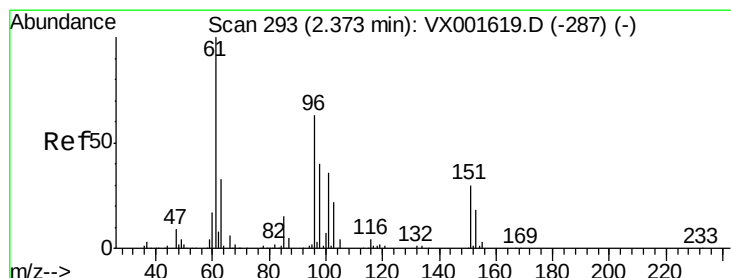
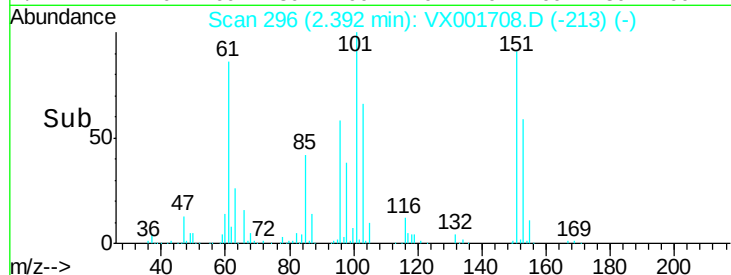
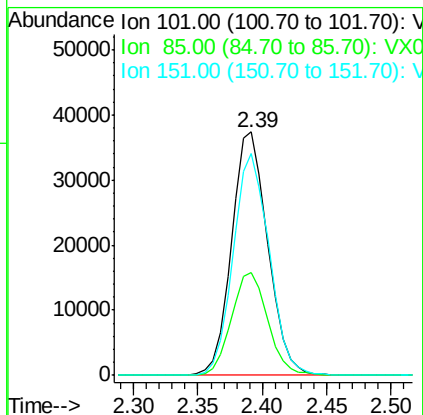
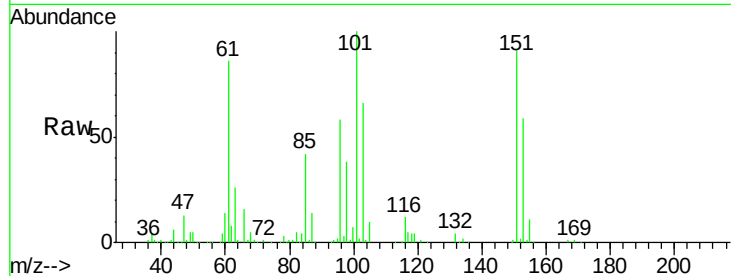
ClientSampleId :

VX0514WBS01

Tot Ion:	101	Resp:	73009
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	84.0
151	90.6	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 21.97 ug/l

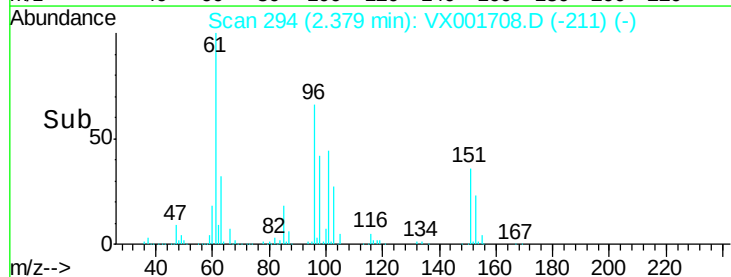
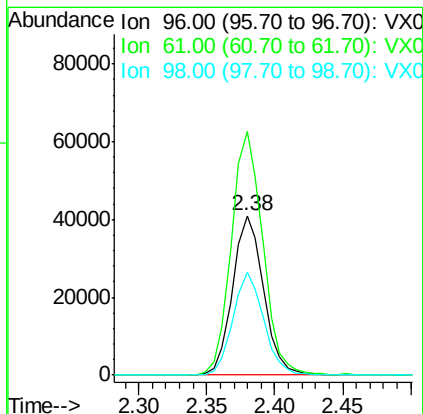
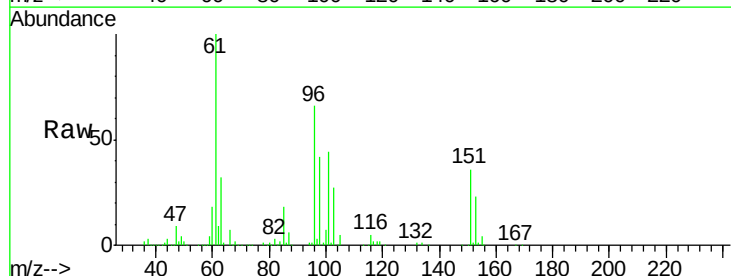
RT: 2.38 min Scan# 294

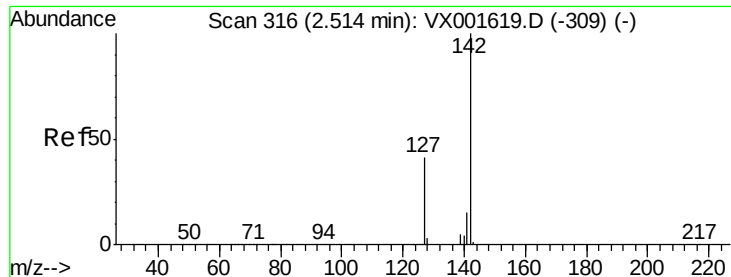
Delta R.T. 0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	96	Resp:	65161
Ion Ratio	Lower	Upper	
96	100		
61	152.3	126.5	189.7
98	64.1	50.6	75.8





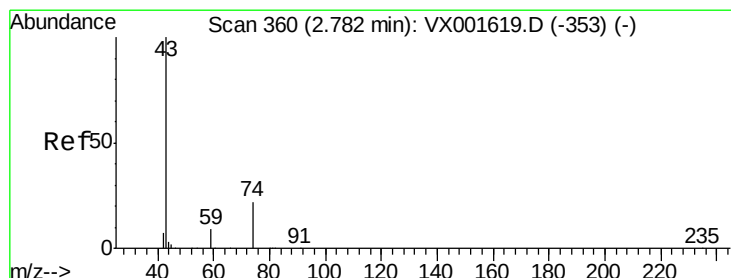
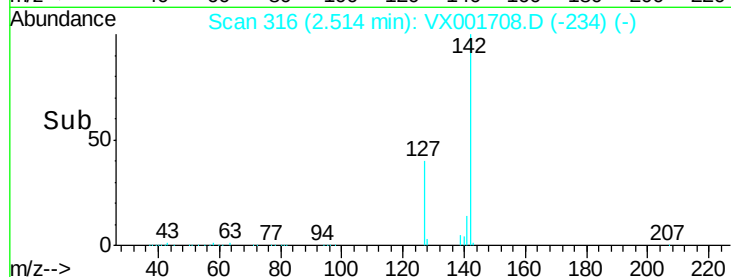
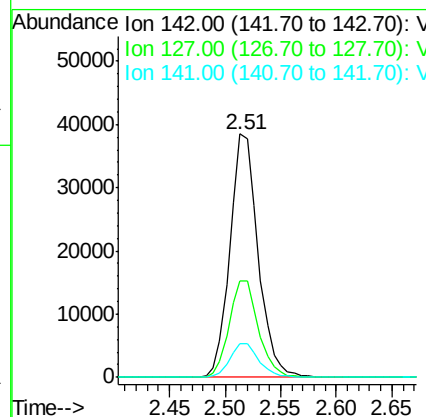
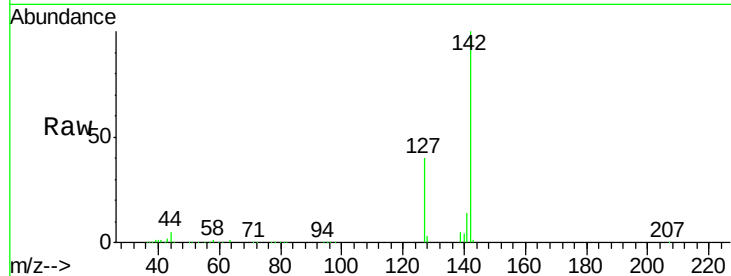
#11
Methvl Iodide
Concen: 15.65 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.5	20.7	62.1
141	13.9	7.4	22.3

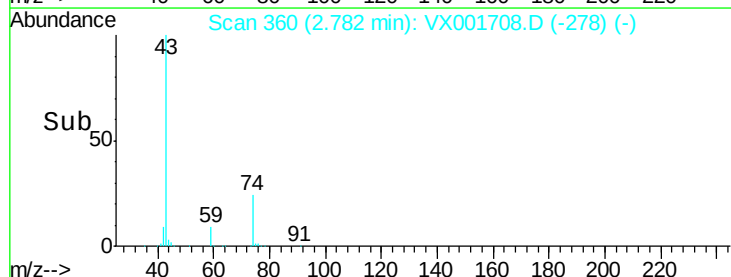
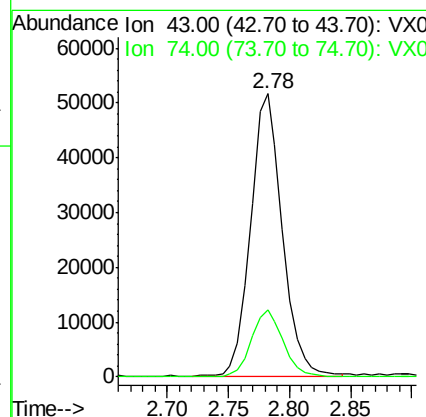
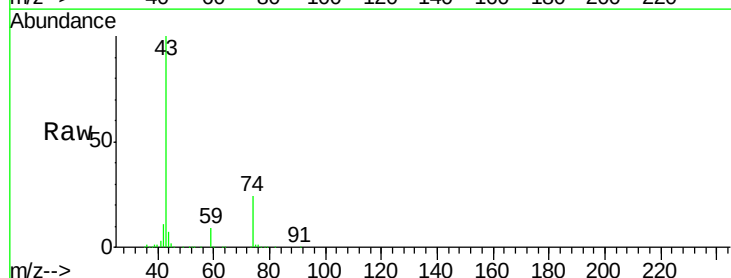
Manual Integrations
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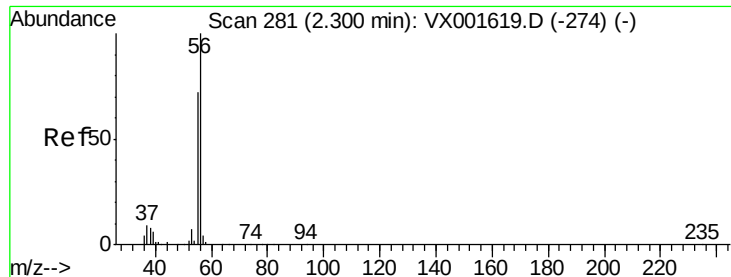
apatel
5/16/2018 6:19:00 PM



#12
Methyl Acetate
Concen: 18.27 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.0	27.0





#13

Acrolein

Concen: 84.14 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 56 Resp: 48102

Ion Ratio Lower Upper

56 100

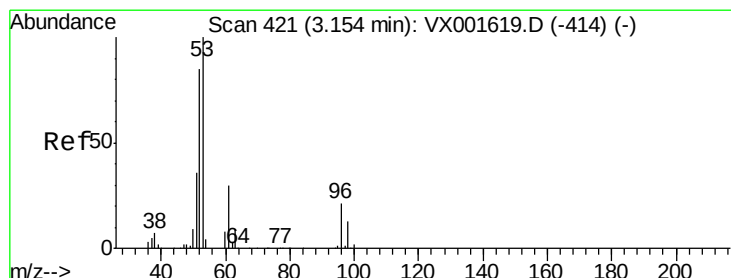
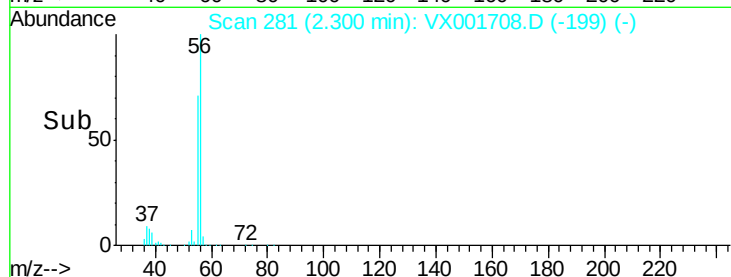
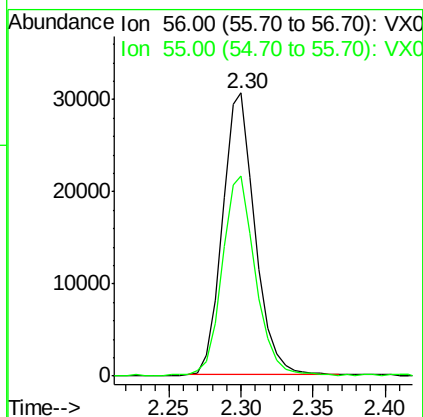
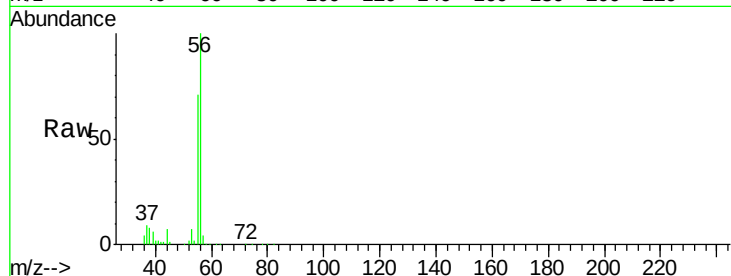
55 73.8 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 91.63 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

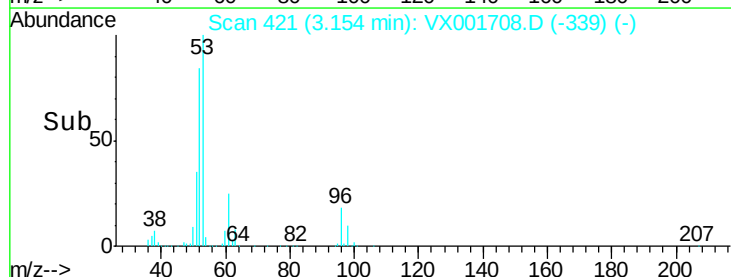
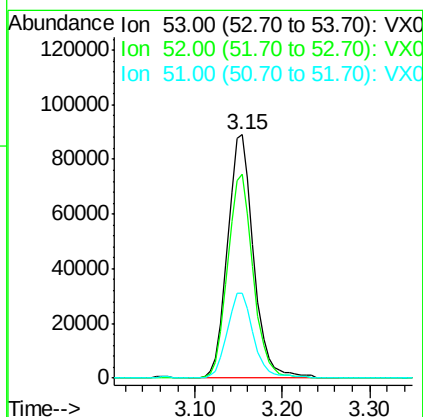
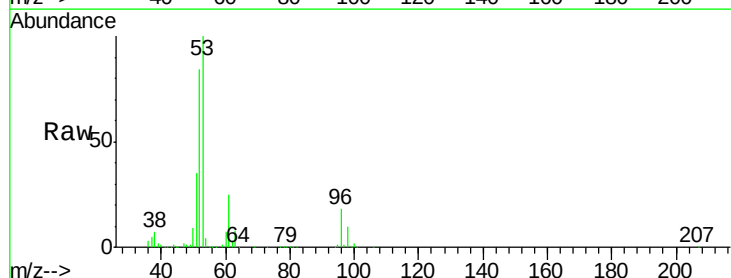
Tgt Ion: 53 Resp: 184557

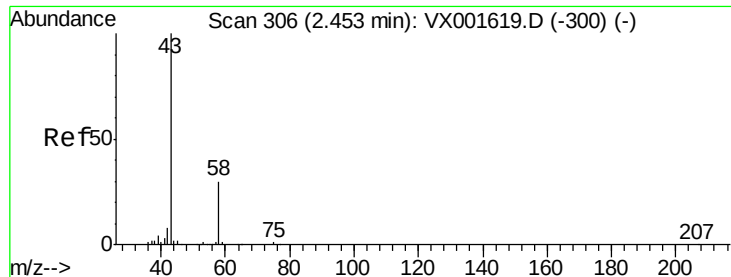
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.9

51 34.5 18.1 54.3





#15

Acetone

Concen: 101.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 58 Resp: 55004

Ion Ratio Lower Upper

58 100

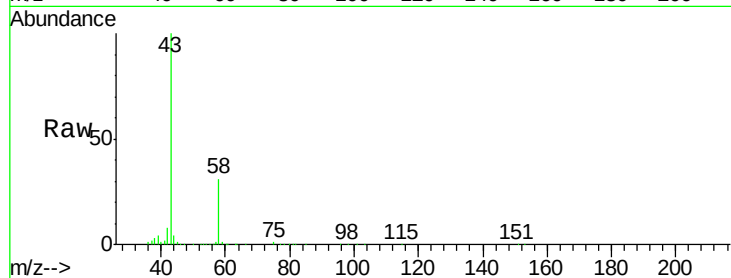
43 324.9 264.2 396.2

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

120000

100000

80000

60000

40000

20000

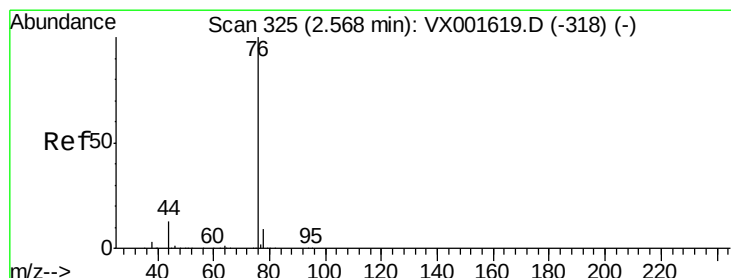
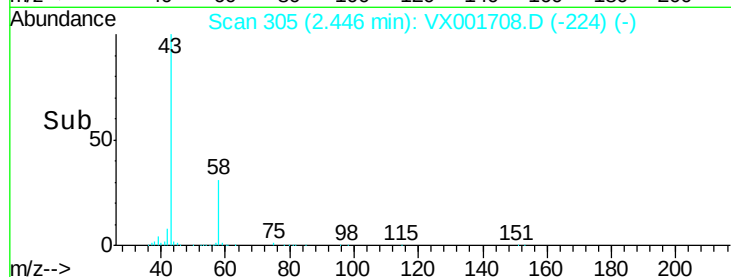
0

2.40

2.45

2.50

Time-->



#16

Carbon Disulfide

Concen: 21.83 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001708.D

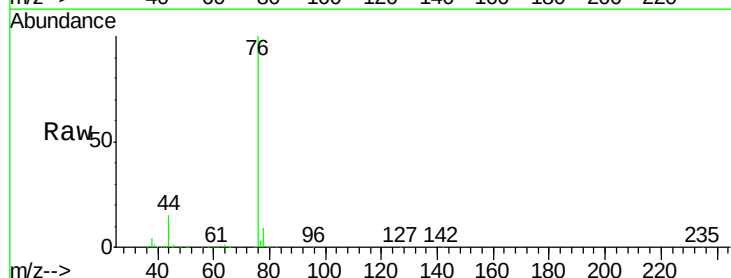
Acq: 14 May 2018 12:47

Tgt Ion: 76 Resp: 160338

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

40000

20000

0

2.50

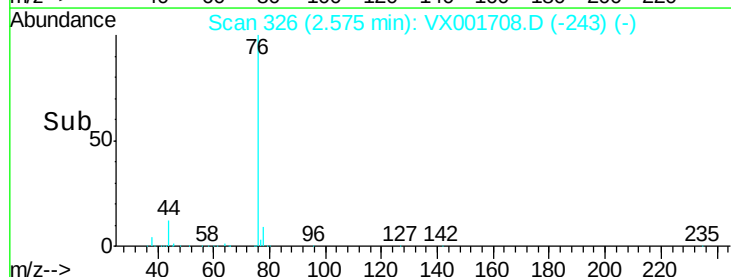
2.55

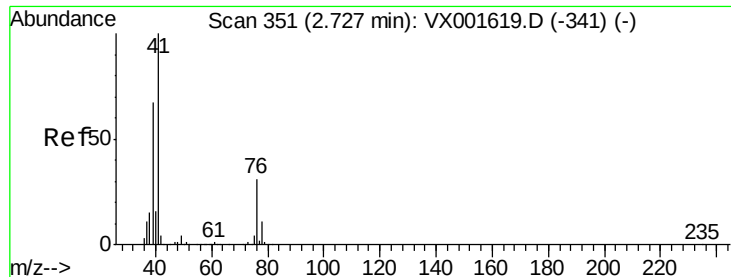
2.60

2.65

2.70

Time-->





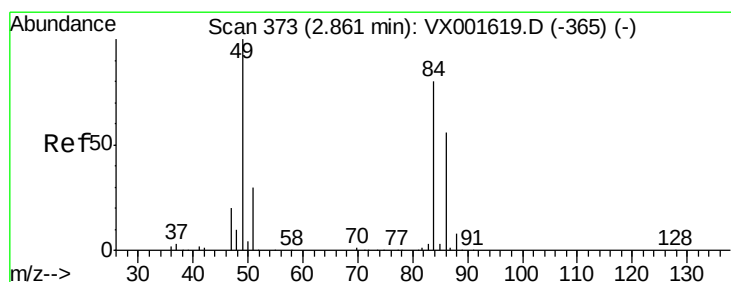
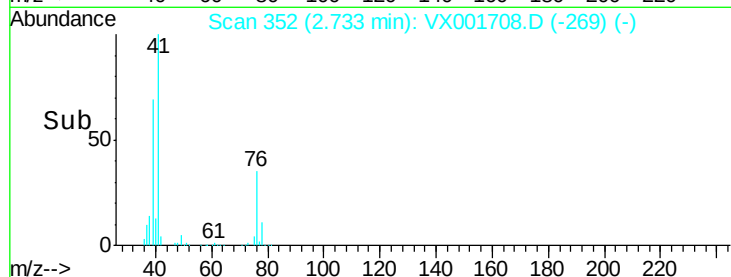
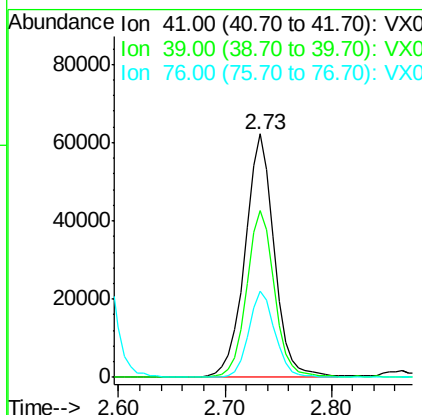
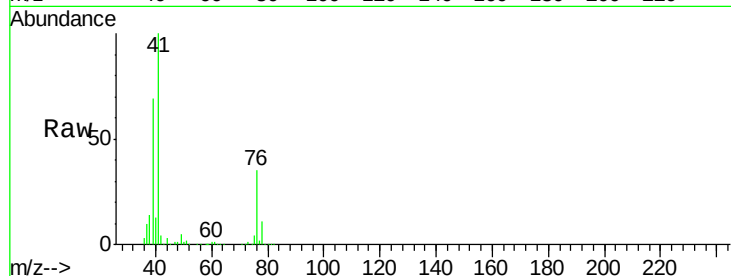
#17
Allvl chloride
Concen: 21.13 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.6	33.7	101.1
76	35.0	15.4	46.4

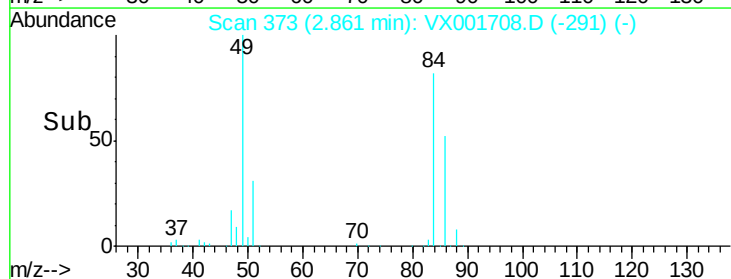
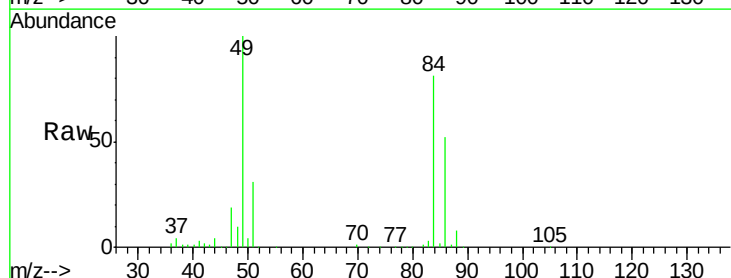
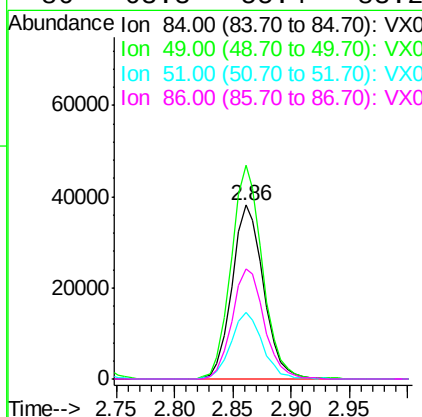
Manual Integrations
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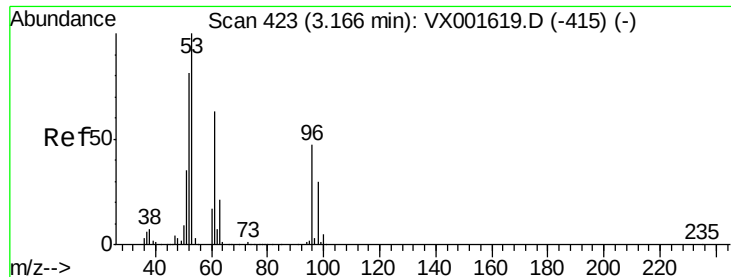
apatel
5/16/2018 6:19:00 PM



#18
Methylene Chloride
Concen: 20.62 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	99.5	149.3
51	38.3	30.1	45.1
86	63.3	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 21.89 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

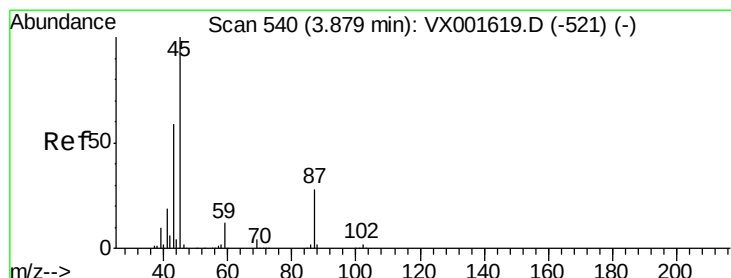
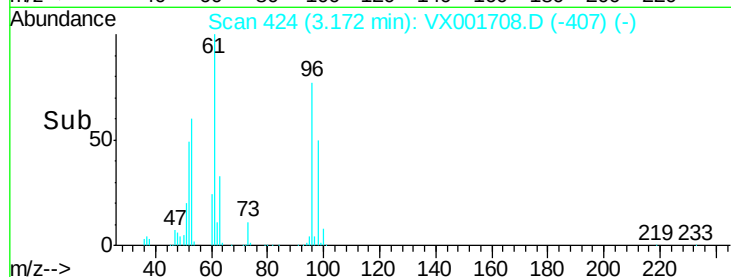
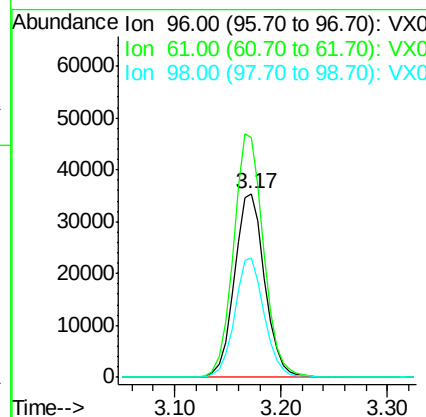
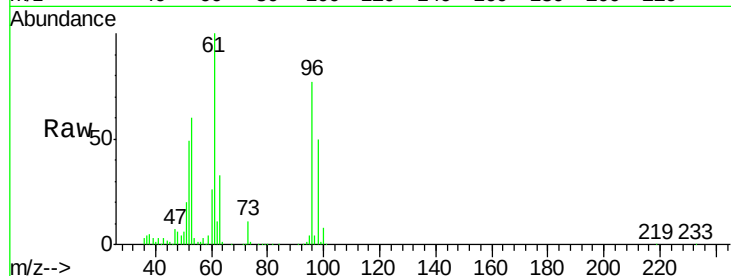
ClientSampleId :

VX0514WBS01

Tot Ion:	96	Resp:	70471
Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.7	161.5
98	64.6	51.6	77.4

Manual Integrations
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apatel
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#20

Diisopropyl ether

Concen: 21.40 ug/l

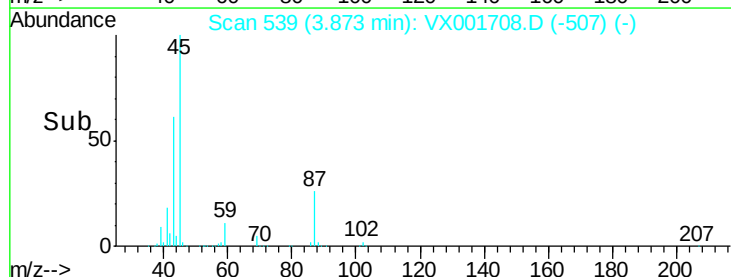
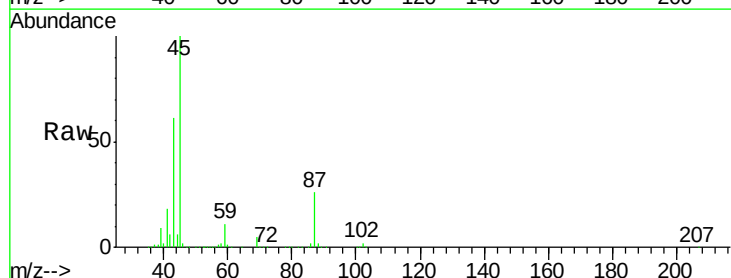
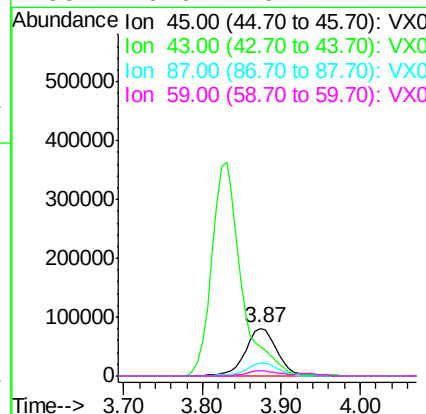
RT: 3.87 min Scan# 539

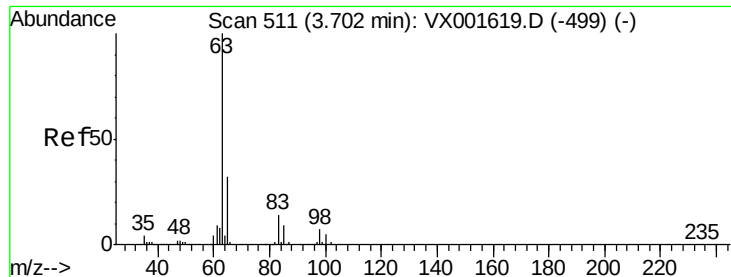
Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	45	Resp:	226132
Ion	Ratio	Lower	Upper
45	100		
43	60.2	47.5	71.3
87	26.3	22.2	33.4
59	10.9	9.4	14.2





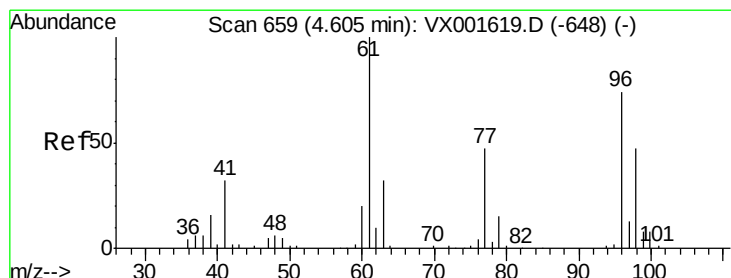
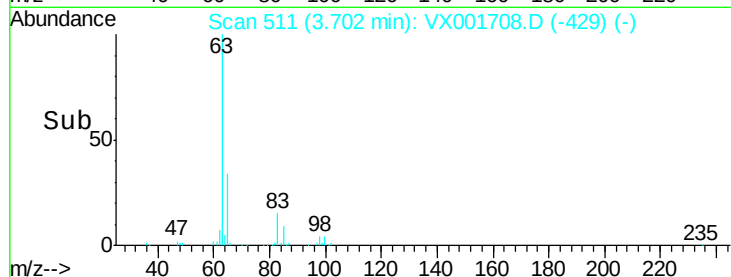
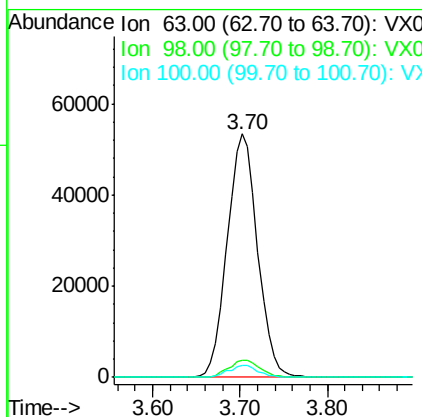
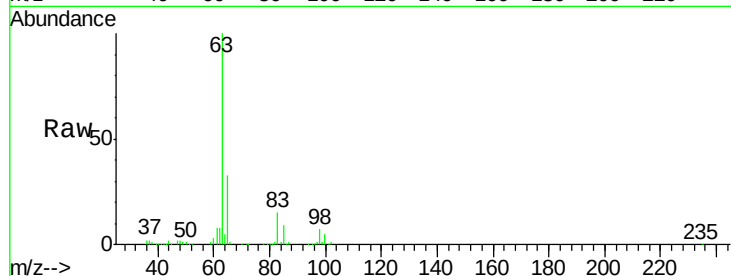
#21
1,1-Dichloroethane
Concen: 21.16 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion:	63	Resp:	128622
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.5	10.5
100	4.7	2.5	7.4

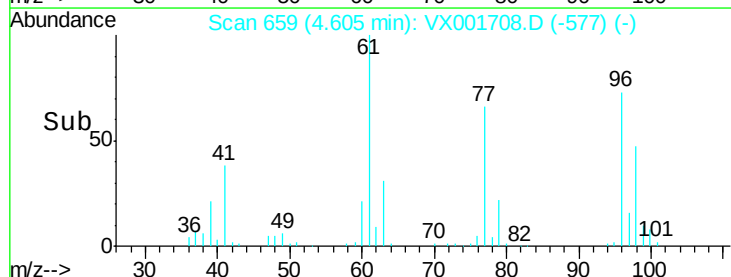
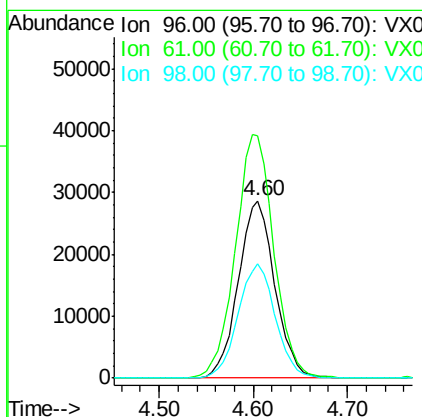
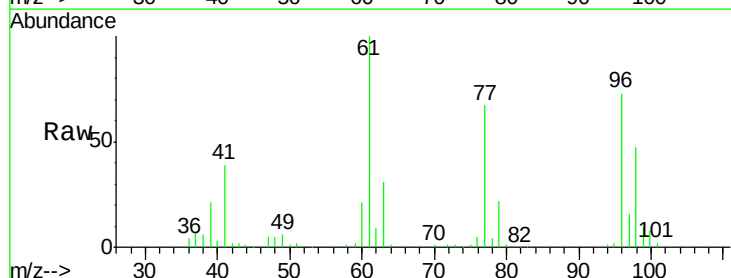
Manual Integrations
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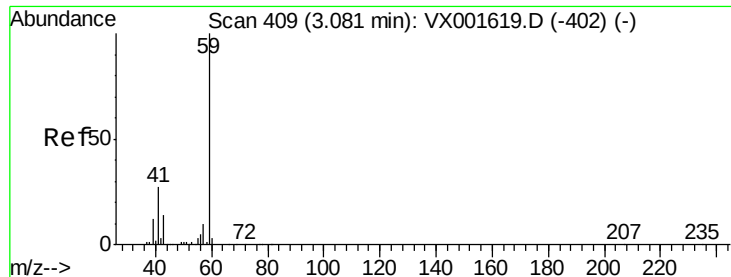
apatel
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#22
cis-1,2-Dichloroethene
Concen: 21.41 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion:	96	Resp:	77685
Ion Ratio	Lower	Upper	
96	100		
61	144.5	117.3	175.9
98	65.5	51.2	76.8





#23

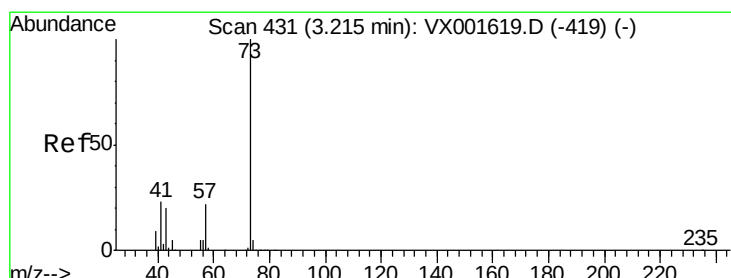
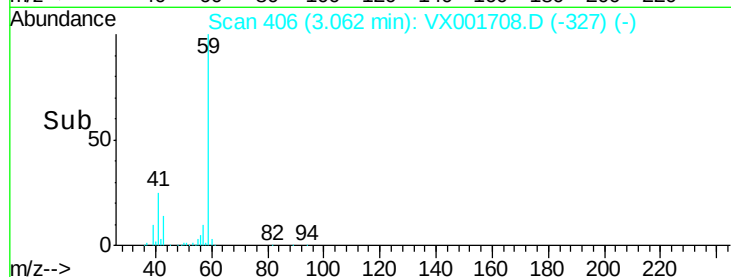
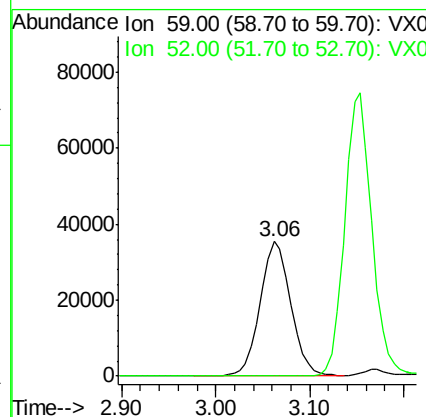
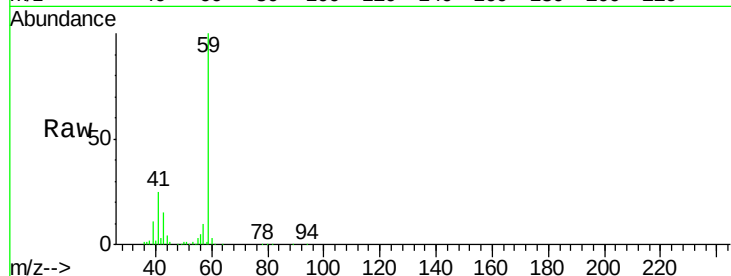
tert-Butyl Alcohol
 Concen: 89.73 ug/l m
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#

Manual Integrations
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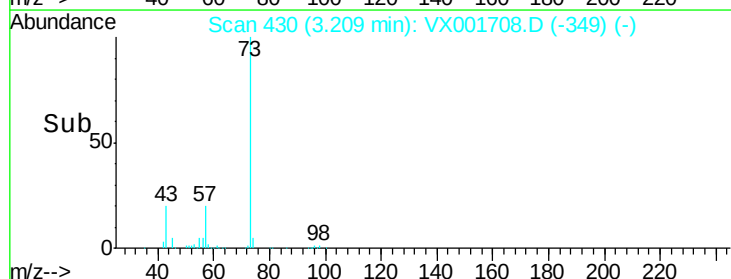
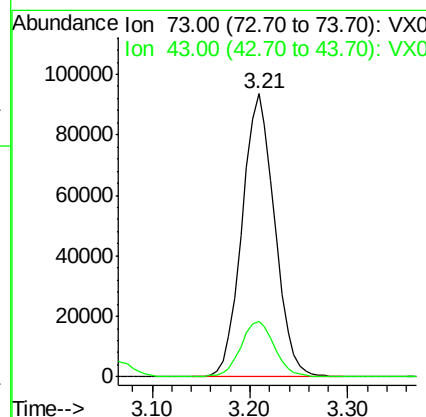
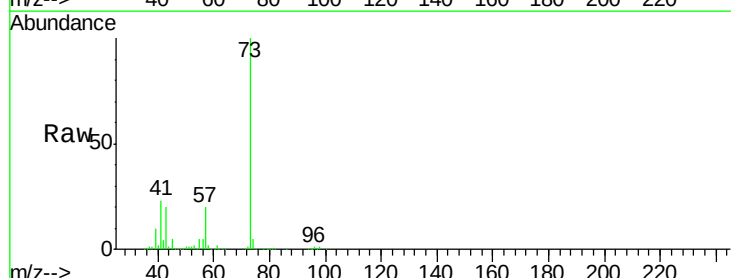
apatel
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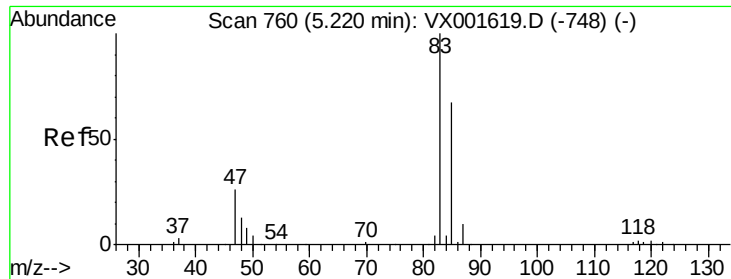


#24

Methyl tert-Butyl Ether
 Concen: 20.10 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.3	24.5





#25

Chloroform

Concen: 21.33 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 83 Resp: 133553

Ion Ratio Lower Upper

83 100

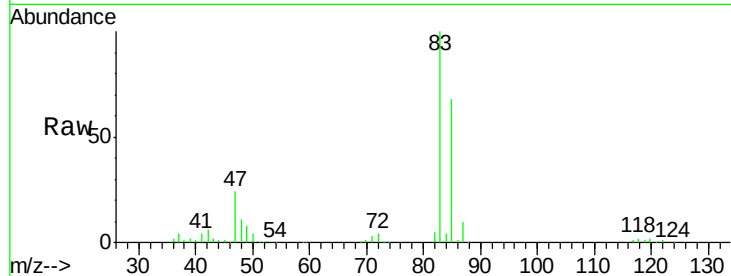
85 68.0 53.9 80.9

Manual Integrations

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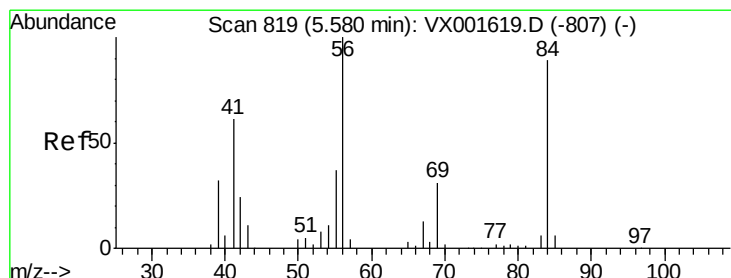
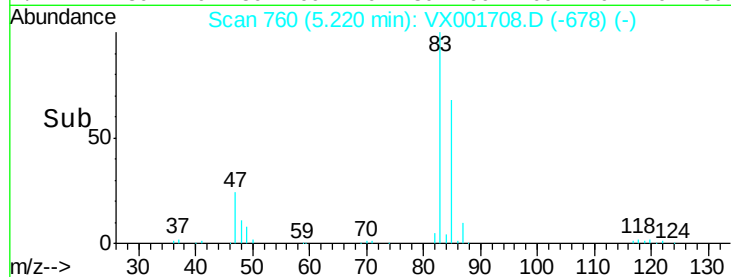
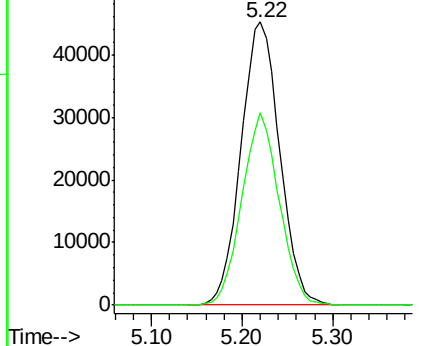
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 25.11 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

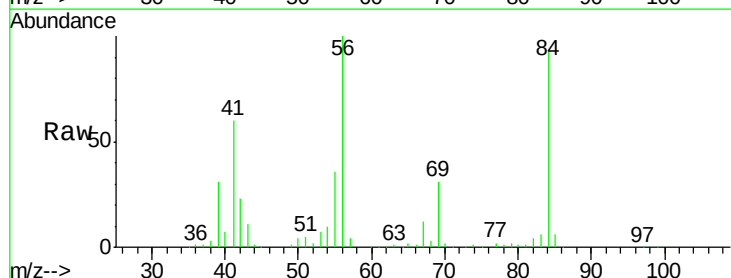
Tgt Ion: 56 Resp: 111354

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

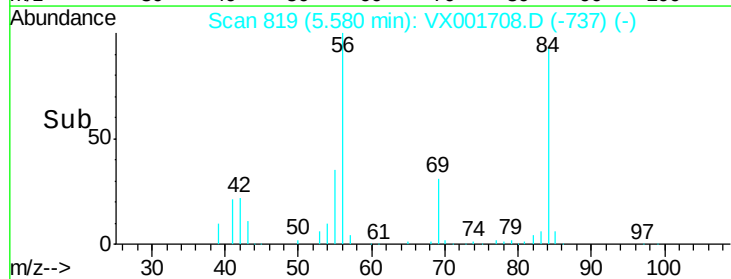
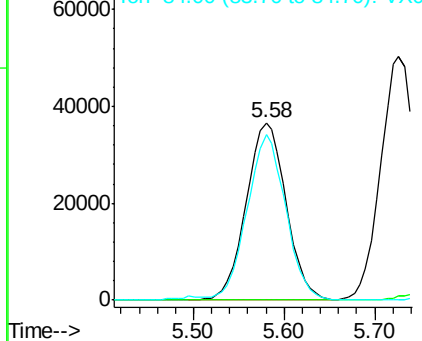
84 91.1 72.2 108.4

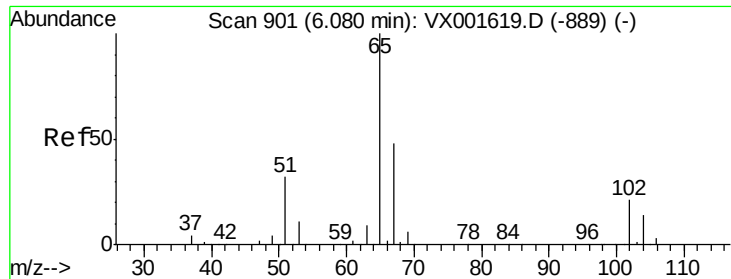


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tot Ion: 65 Resp: 133362

Ion Ratio Lower Upper

65 100

67 51.1 40.2 60.2

Instrument :

MSVOA_X

ClientSampled :

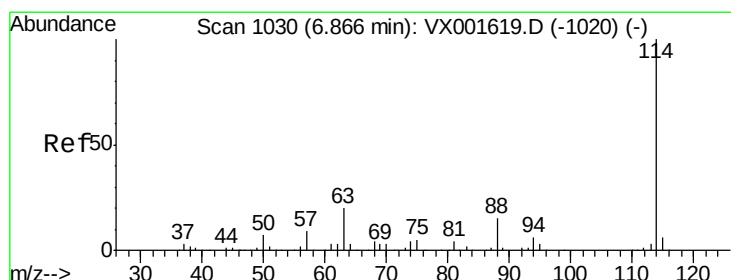
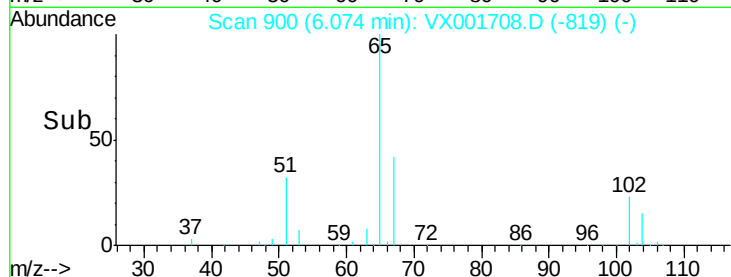
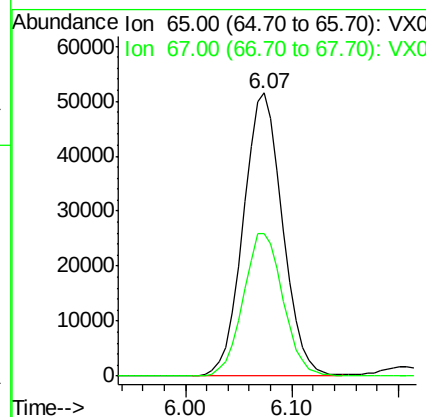
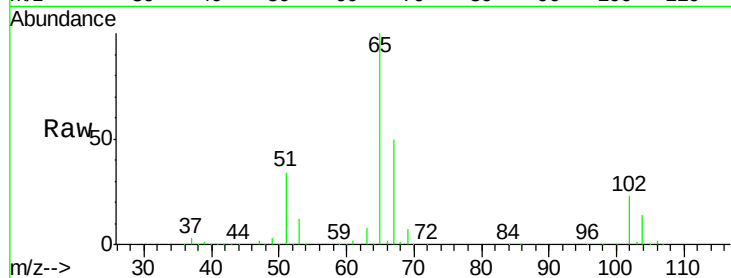
VX0514WBS01

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

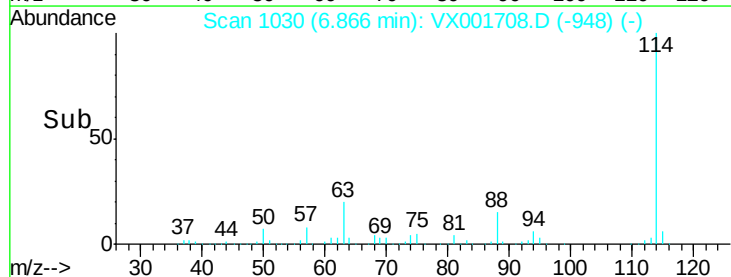
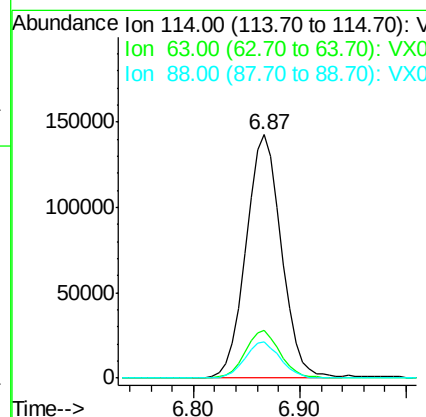
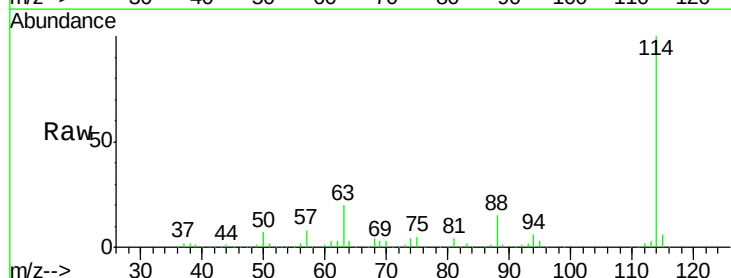
Tgt Ion: 114 Resp: 333335

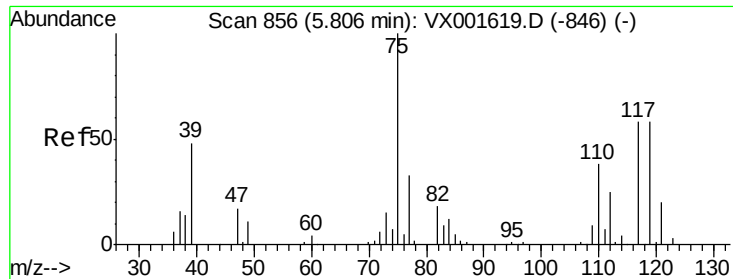
Ion Ratio Lower Upper

114 100

63 19.5 15.5 23.3

88 14.8 12.2 18.4





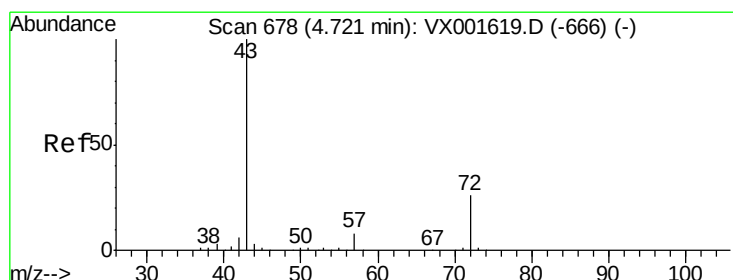
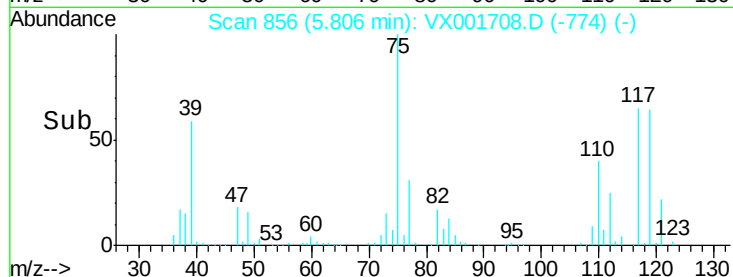
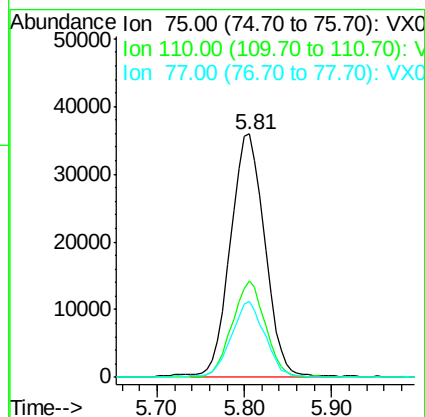
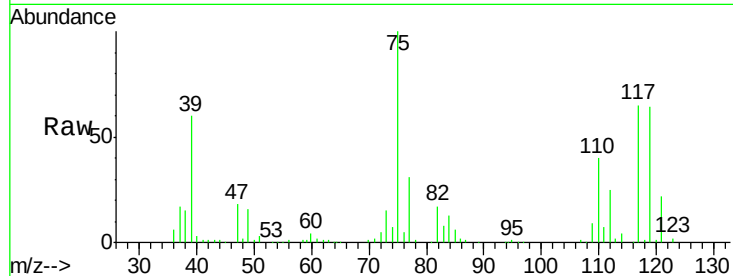
#29
 1,1-Dichloropropene
 Concen: 23.60 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.1	0.0	74.6	
77	29.5	0.0	62.4	

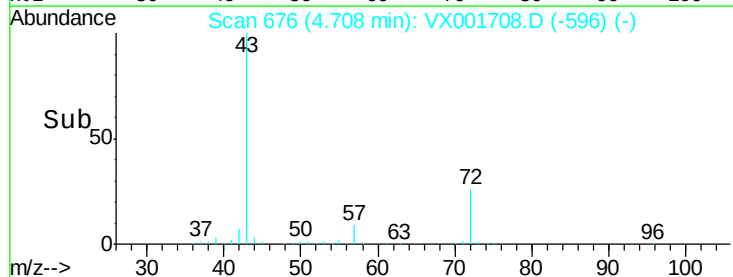
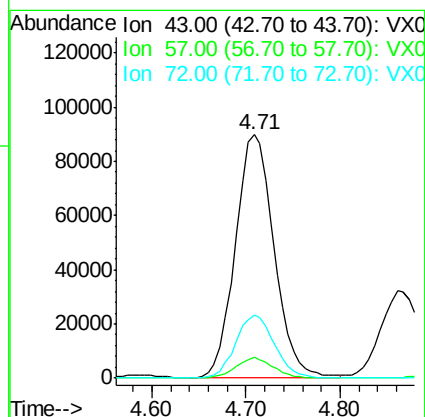
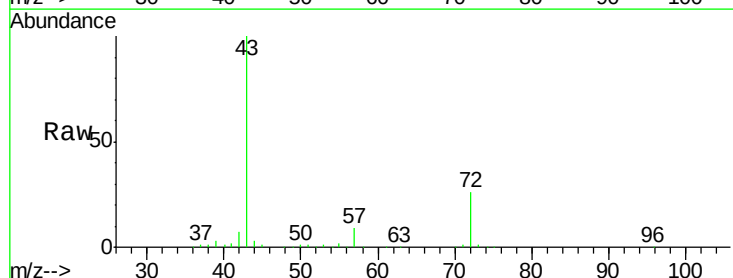
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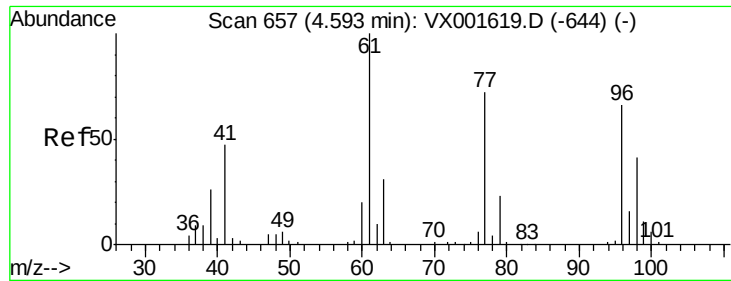
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#30
 2-Butanone
 Concen: 92.63 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	8.1	6.3	9.5	
72	26.0	20.2	30.4	





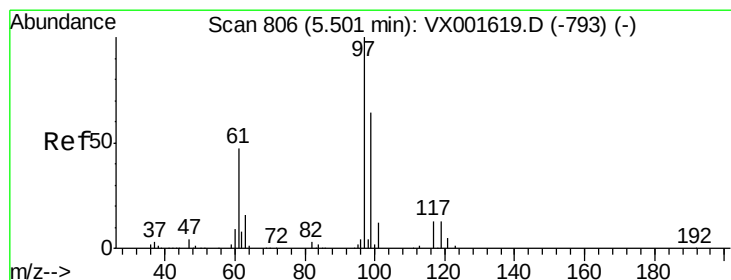
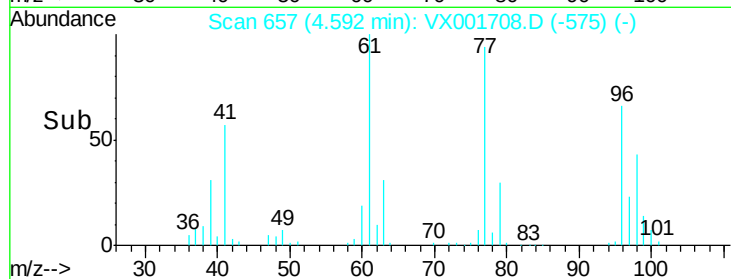
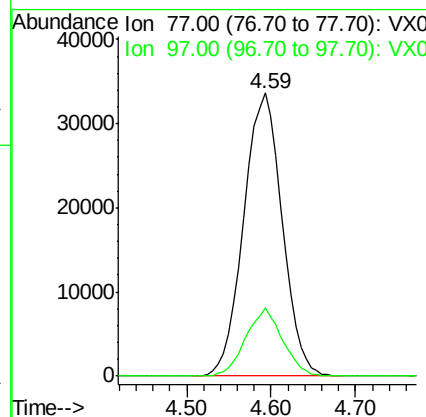
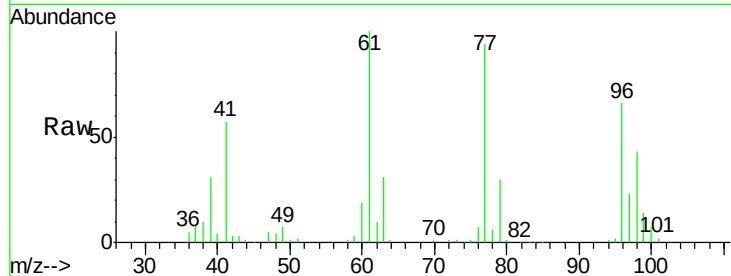
#31
 2,2-Dichloropropane
 Concen: 29.03 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.7	19.3	28.9

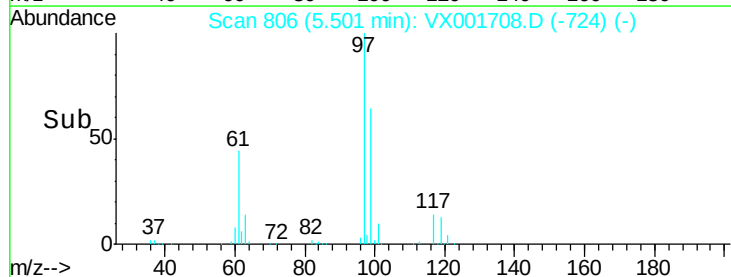
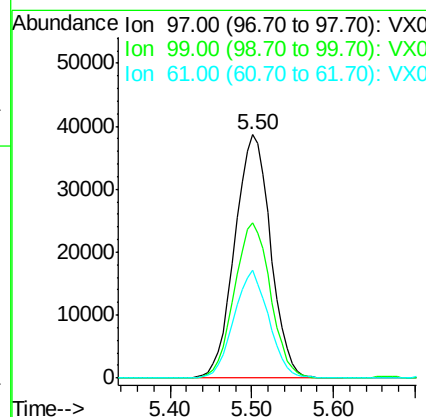
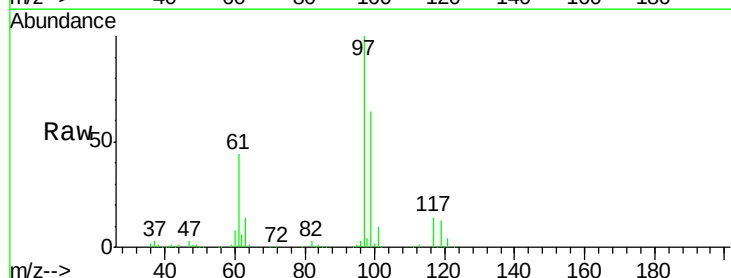
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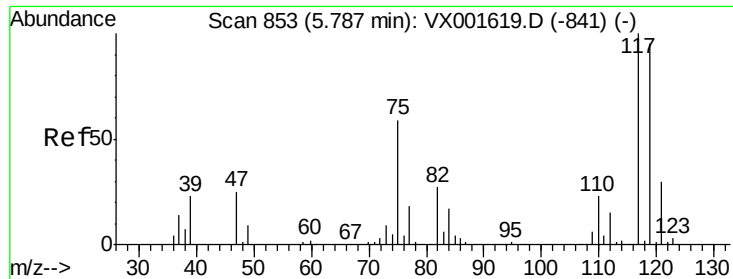
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#32
 1,1,1-Trichloroethane
 Concen: 22.06 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	43.1	35.6	53.4





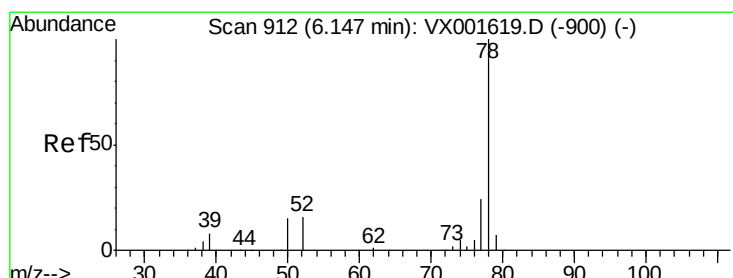
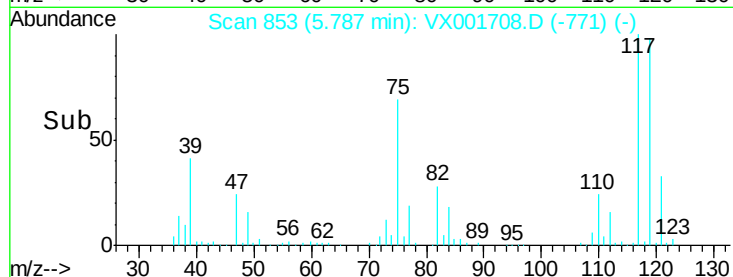
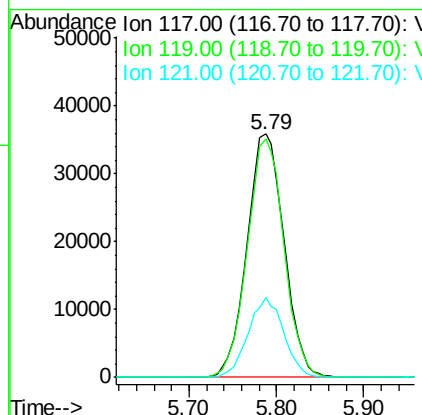
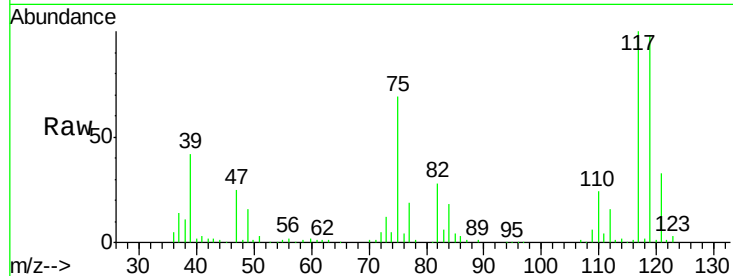
#33
Carbon Tetrachloride
Concen: 22.53 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.7	113.5
121	32.6	24.3	36.5

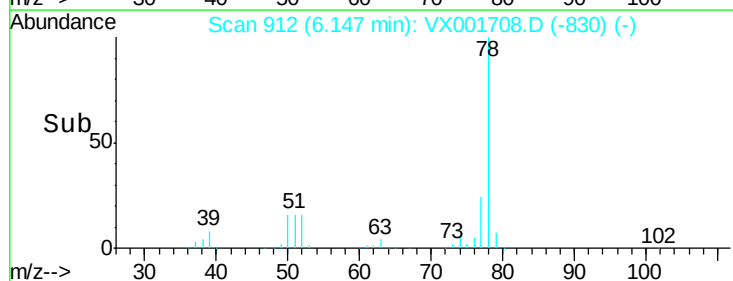
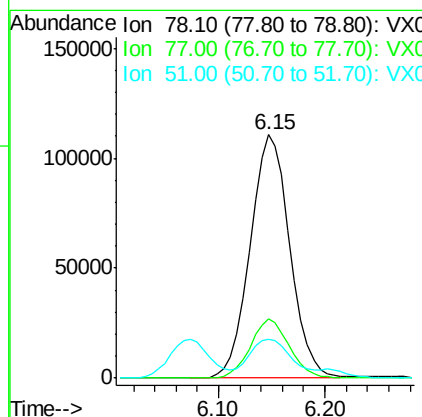
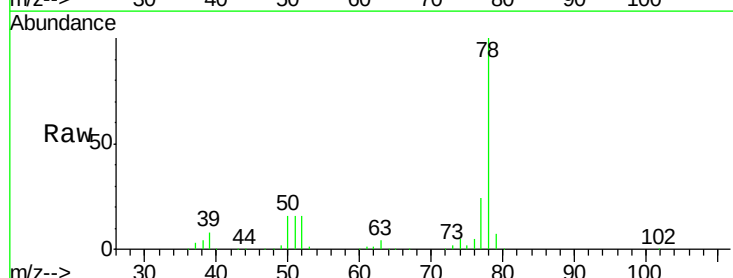
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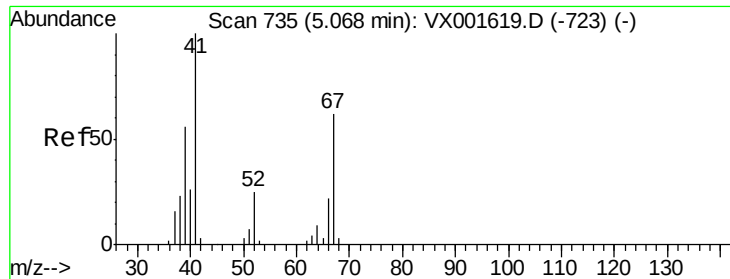
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#34
Benzene
Concen: 21.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2
51	13.2	13.5	20.3#





#35

Methacrylonitrile

Concen: 18.47 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

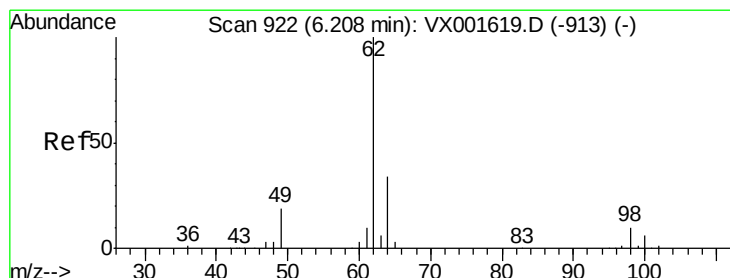
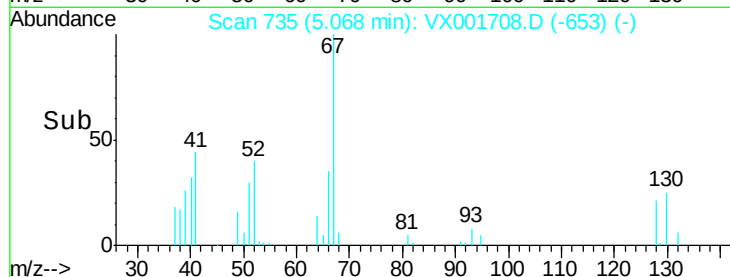
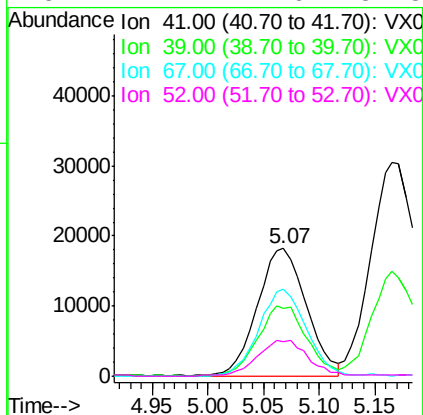
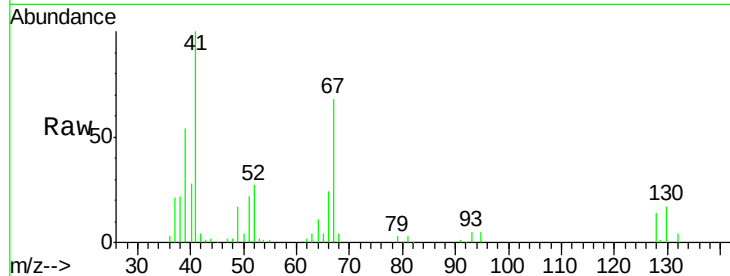
ClientSampleId :

VX0514WBS01

Tot Ion	41	Resp	55332
Ion Ratio	Lower	Upper	
41	100		
39	53.6	27.9	83.6
67	68.6	30.9	92.5
52	27.1	12.6	37.8

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#36

1,2-Dichloroethane

Concen: 20.25 ug/l

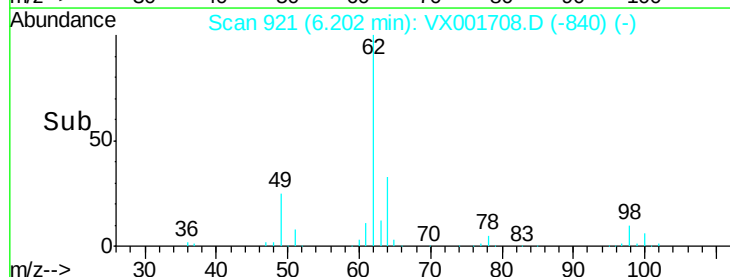
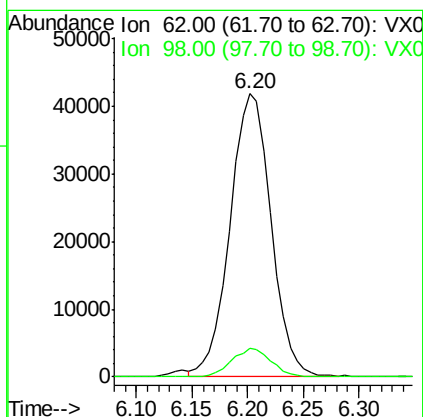
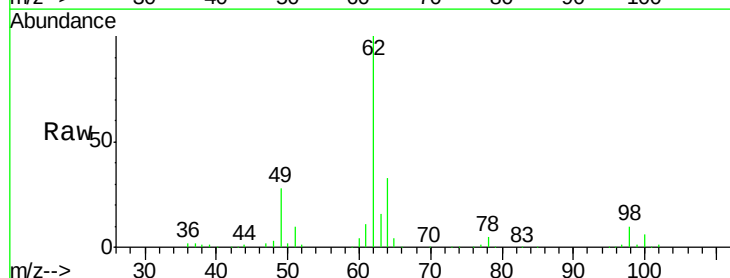
RT: 6.20 min Scan# 921

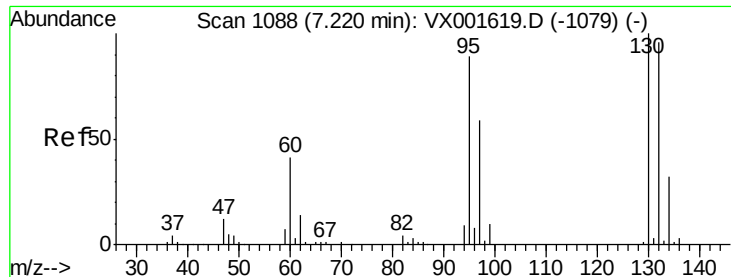
Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion	62	Resp	107272
Ion Ratio	Lower	Upper	
62	100		
98	9.8	7.7	11.5





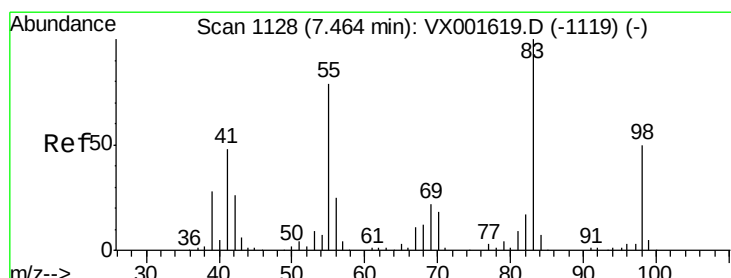
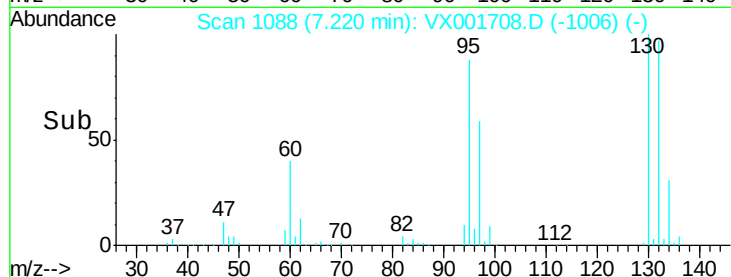
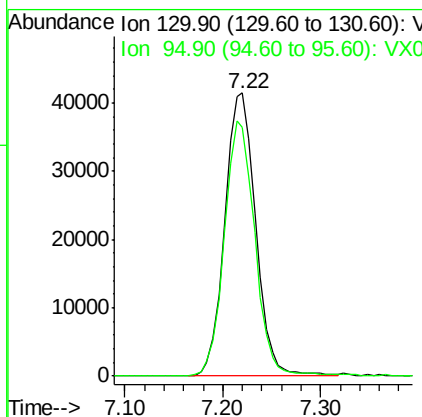
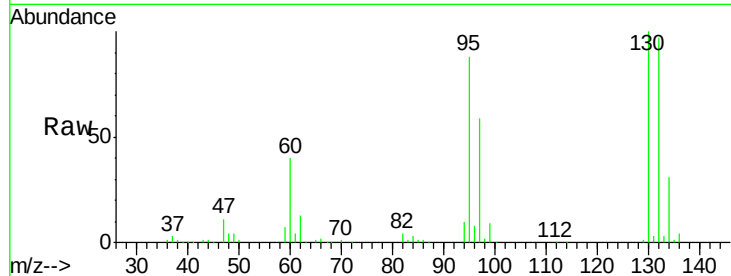
#37
 Trichloroethene
 Concen: 23.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion:130 Resp: 91030
 Ion Ratio Lower Upper
 130 100
 95 87.9 71.4 107.2

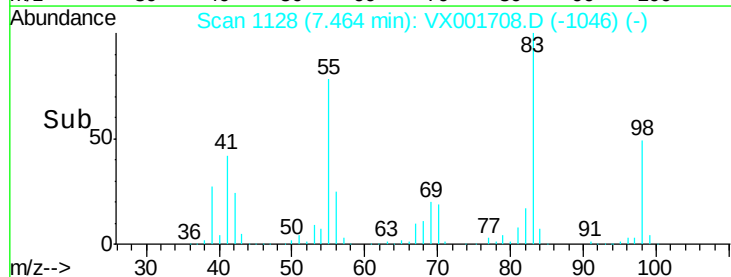
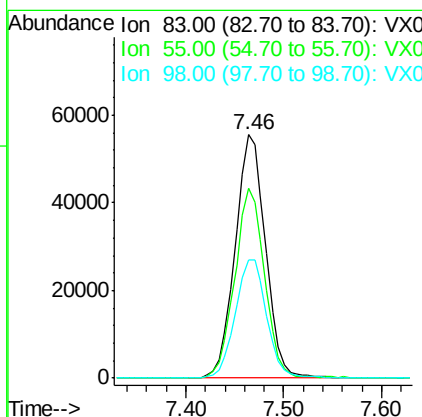
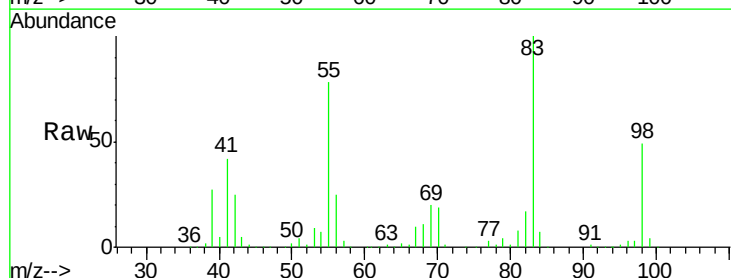
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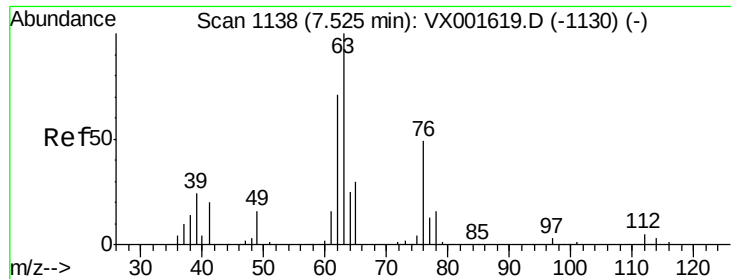
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#38
 Methylcyclohexane
 Concen: 26.73 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion: 83 Resp: 119683
 Ion Ratio Lower Upper
 83 100
 55 76.6 39.6 118.7
 98 50.3 25.0 75.0





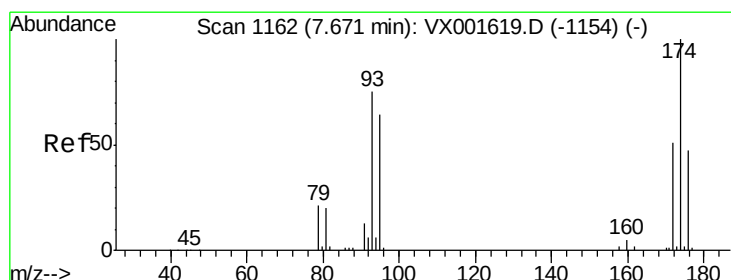
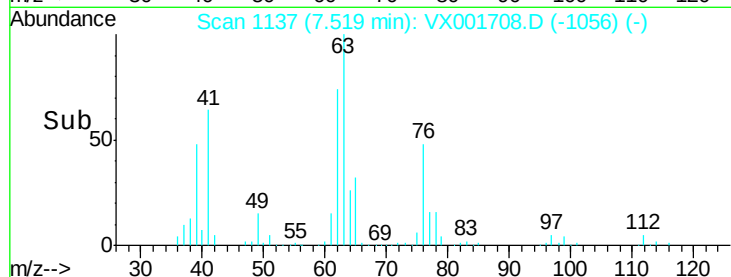
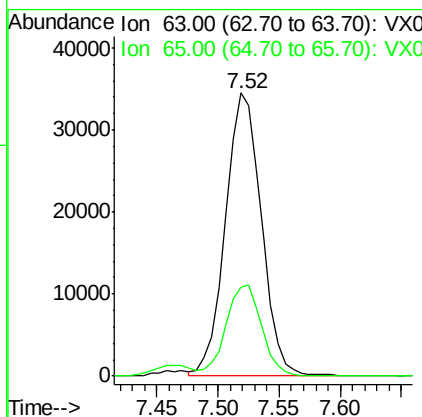
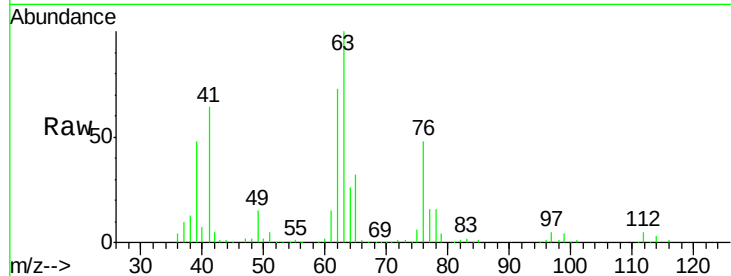
#39
 1,2-Dichloropropane
 Concen: 20.94 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion: 63 Resp: 70286
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.3 37.9

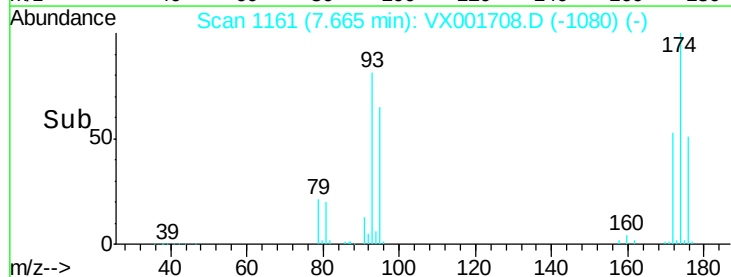
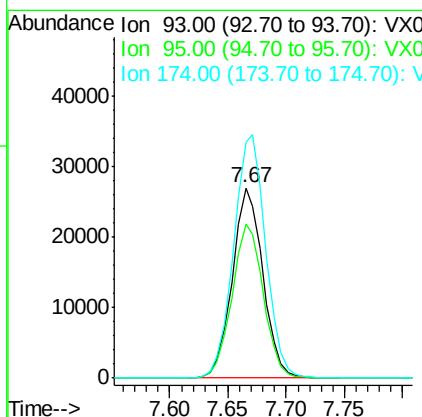
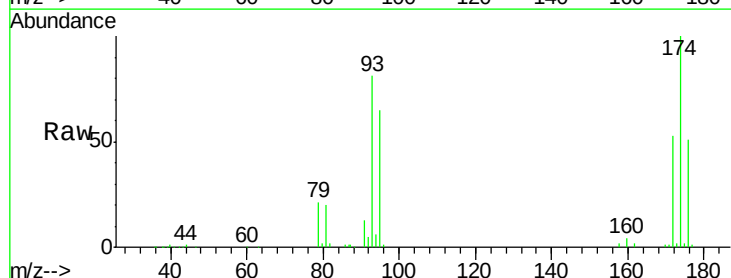
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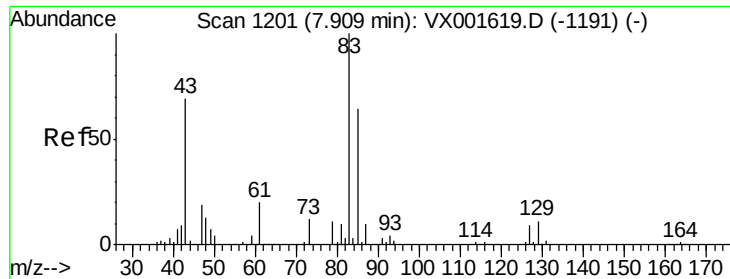
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#40
 Dibromomethane
 Concen: 20.60 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion: 93 Resp: 49555
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 166.2
 174 133.2 0.0 259.2





#41

Bromodichloromethane

Concen: 20.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

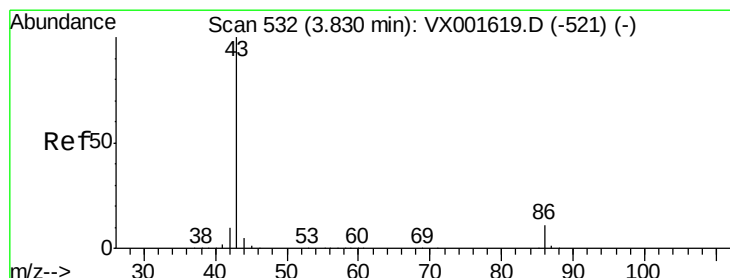
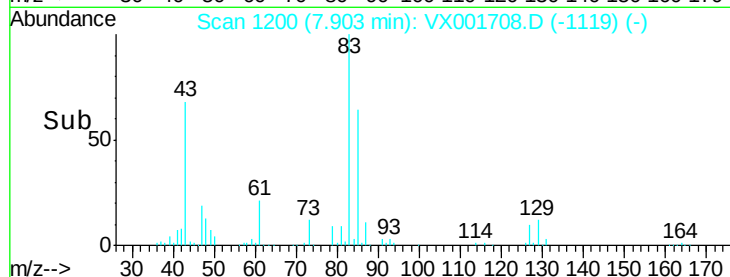
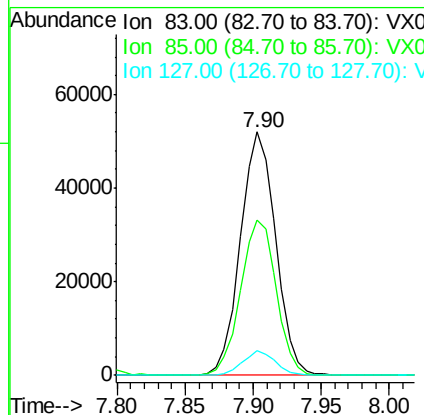
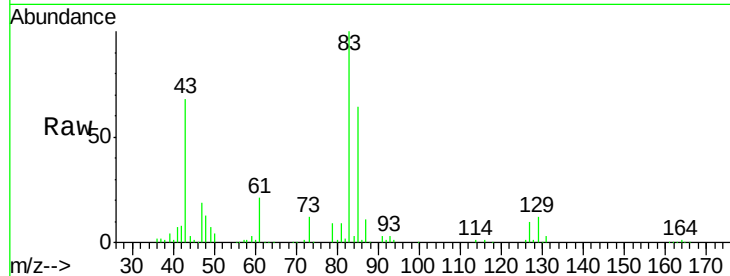
ClientSampleId :

VX0514WBS01

Tot Ion:	83	Resp:	94255
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.3	76.9
127	10.0	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 104.04 ug/l

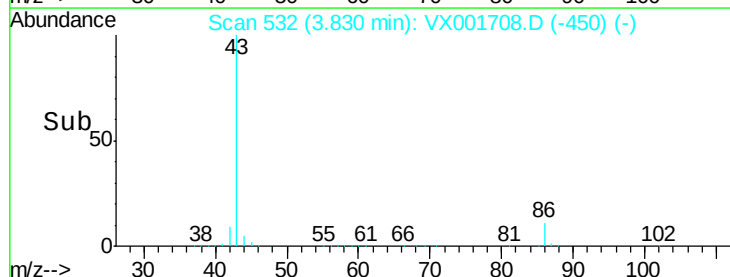
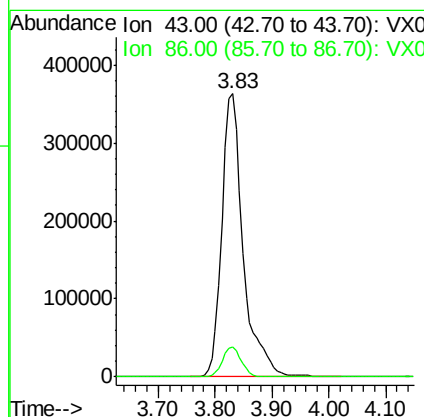
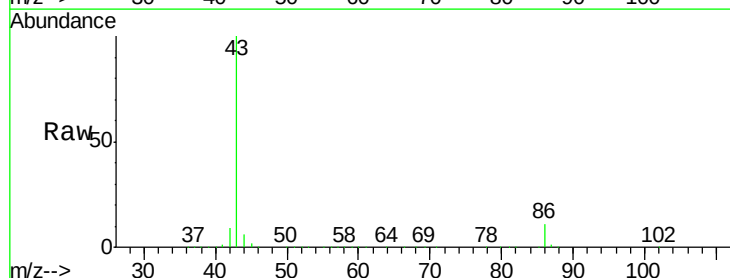
RT: 3.83 min Scan# 532

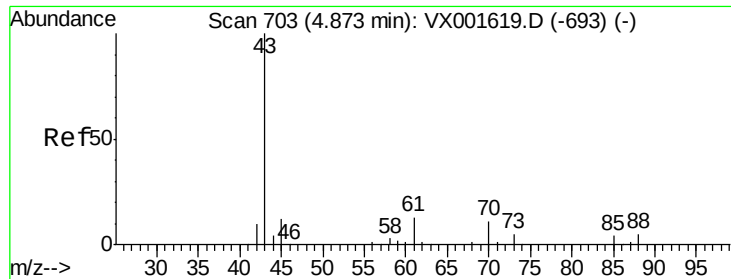
Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	43	Resp:	948296
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.4	11.2





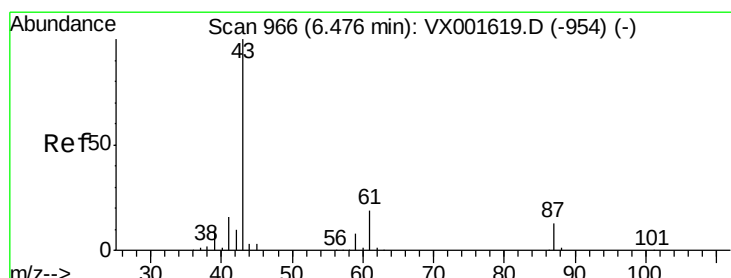
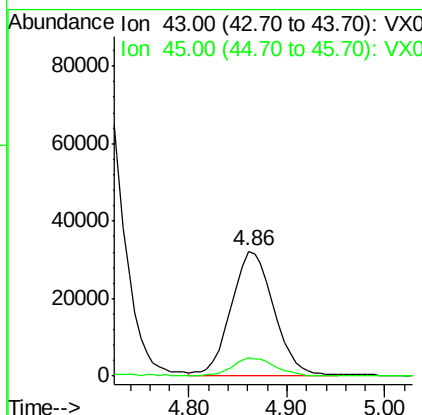
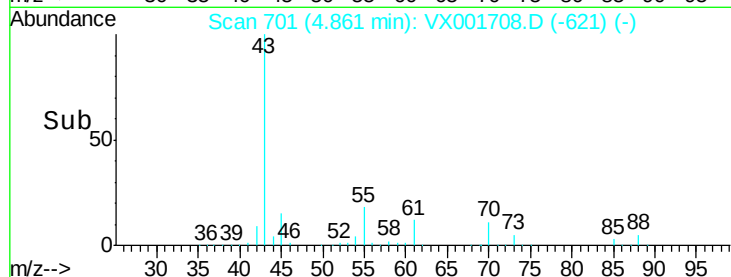
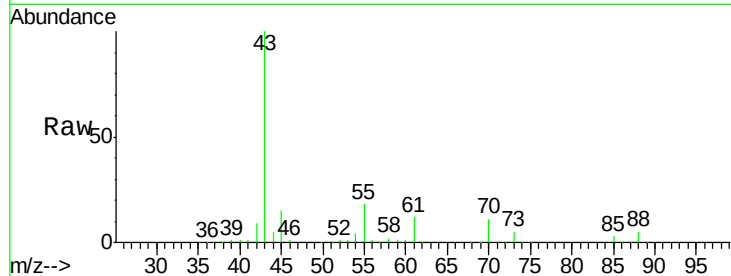
#43
Ethyl Acetate
Concen: 18.37 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion: 43 Resp: 96762
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1

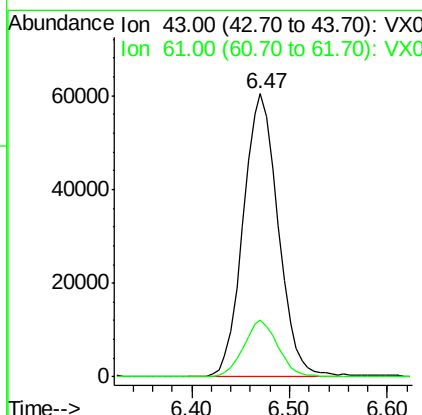
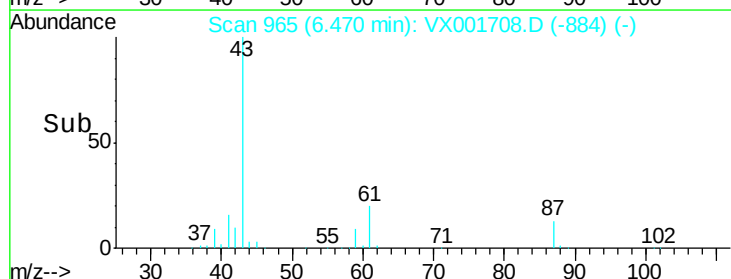
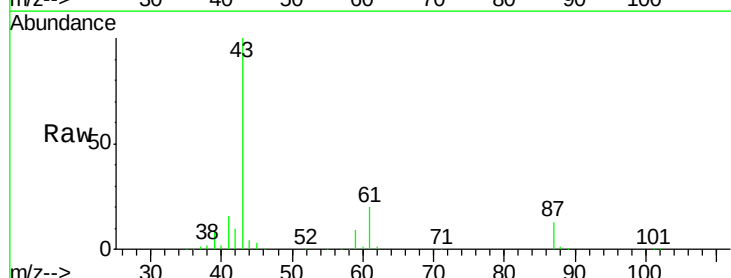
Manual Integrations
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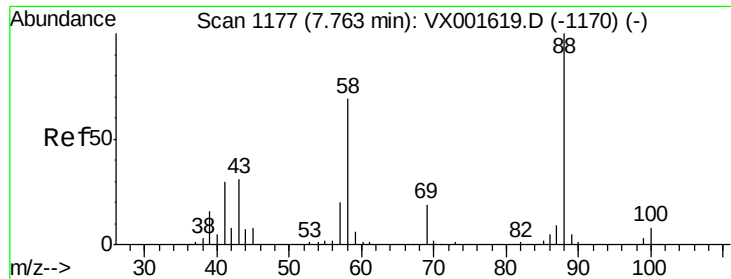
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#44
Isopropyl Acetate
Concen: 18.49 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion: 43 Resp: 149085
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7





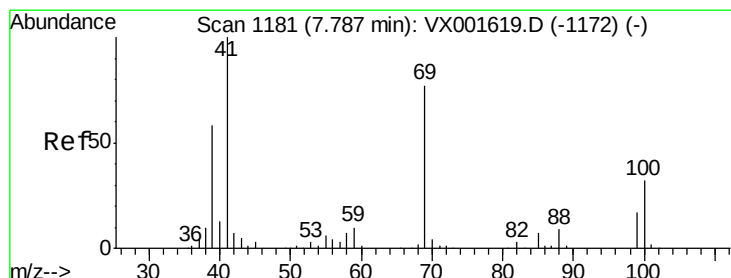
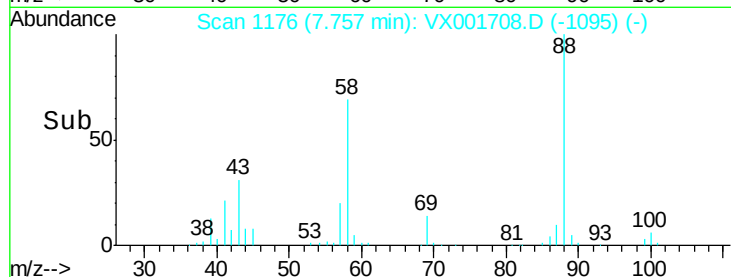
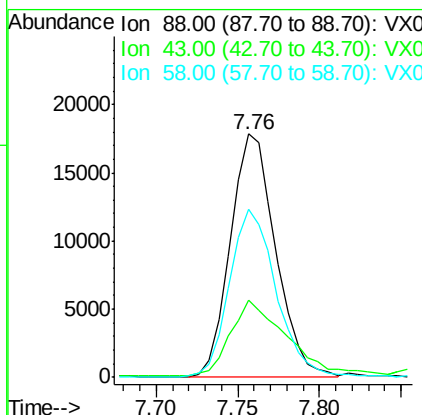
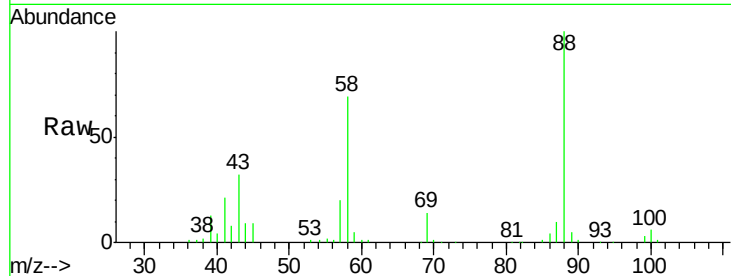
#45
1,4-Dioxane
Concen: 365.58 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	27.9	41.9
58	72.1	55.3	82.9

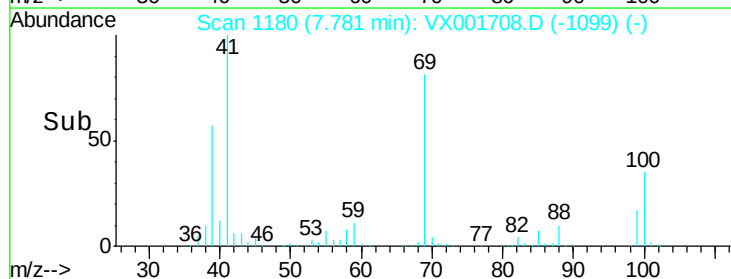
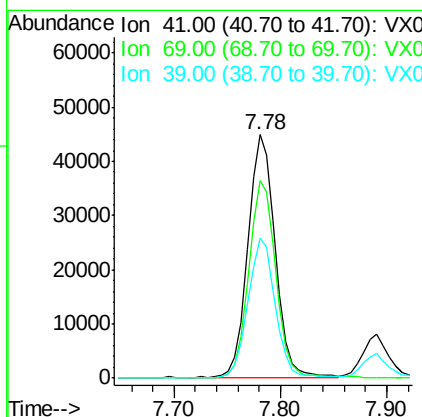
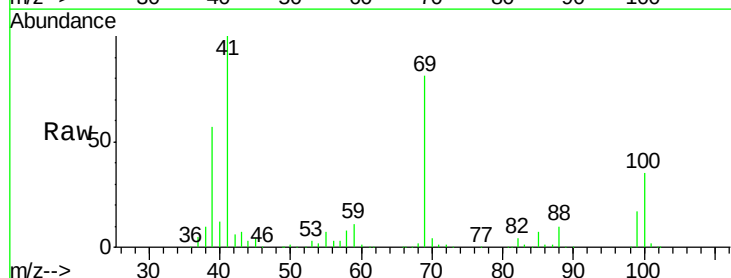
Manual Integrations
APPROVED

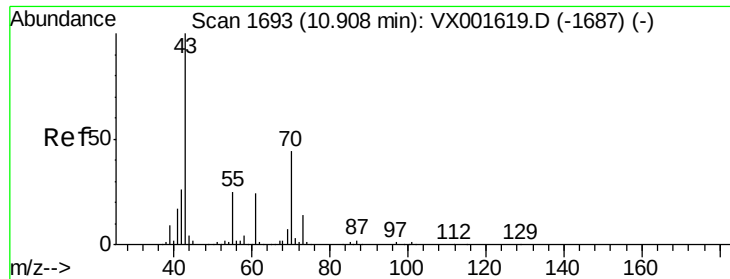
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#46
Methyl methacrylate
Concen: 18.57 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	38.4	115.2
39	57.2	29.0	87.1





#47

n-amvl Acetate

Concen: 18.05 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 43 Resp: 124307

Ion Ratio Lower Upper

43 100

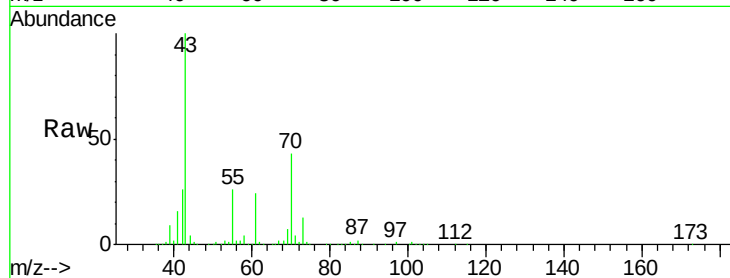
55 26.9 20.8 31.2

Manual Integrations

APPROVED

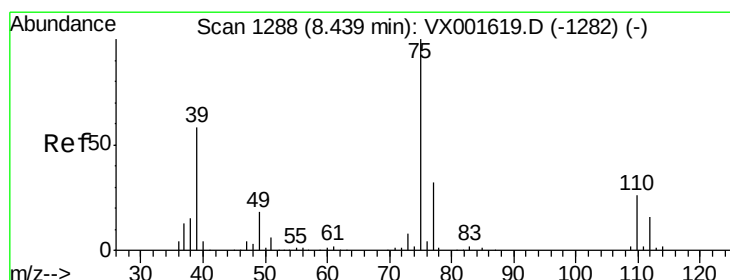
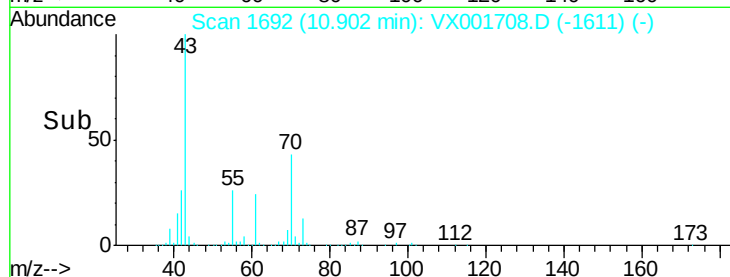
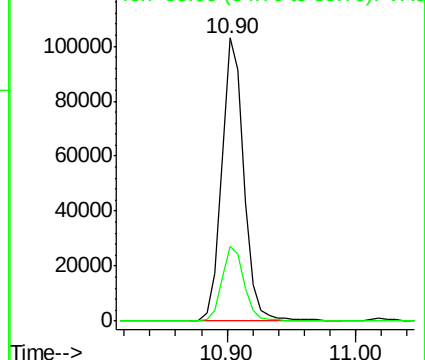
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 22.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001708.D

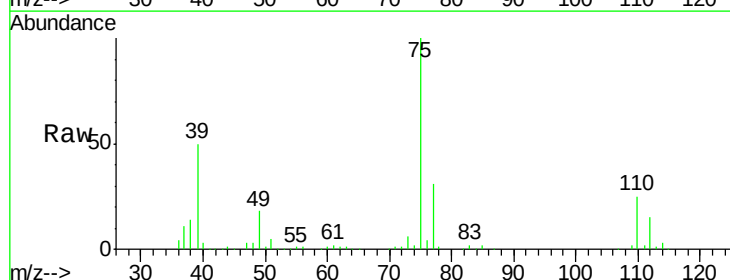
Acq: 14 May 2018 12:47

Tgt Ion: 75 Resp: 110825

Ion Ratio Lower Upper

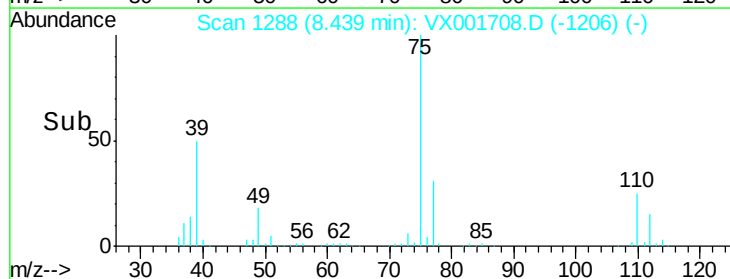
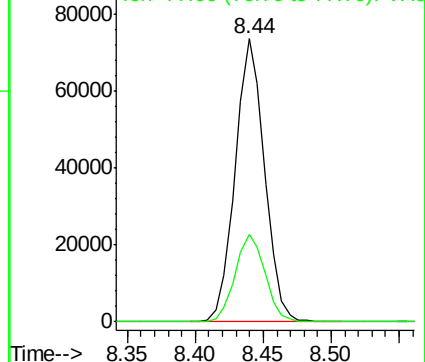
75 100

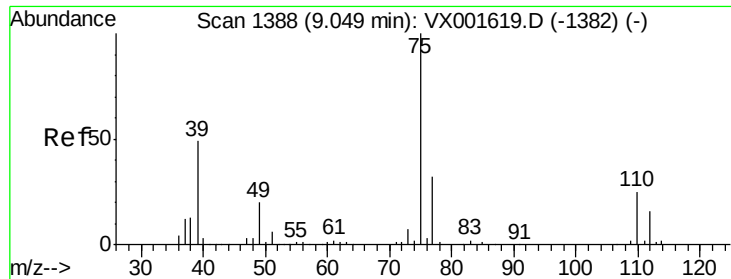
77 31.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





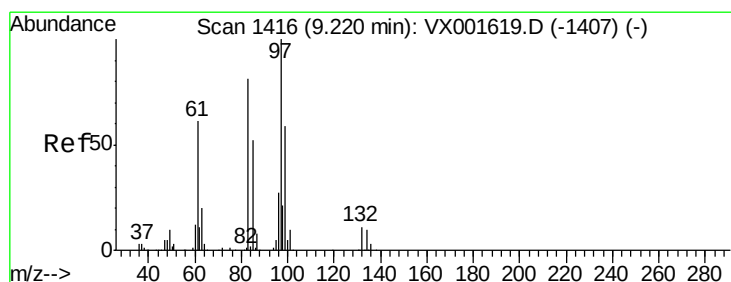
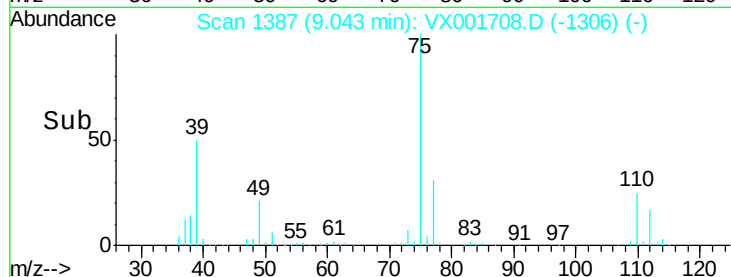
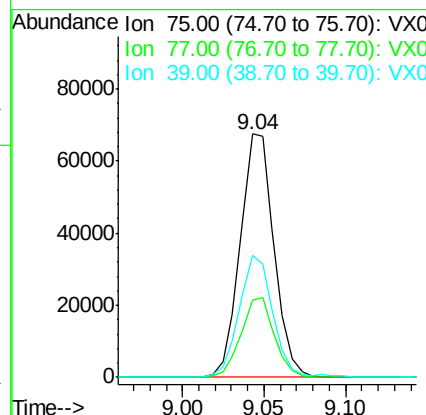
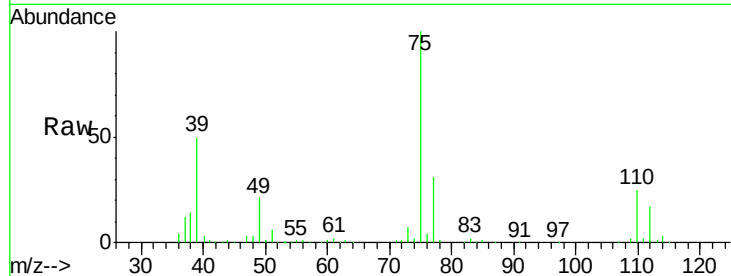
#49
 cis-1,3-Dichloropropene
 Concen: 22.12 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	31.4	25.8	38.6	
39	49.7	39.4	59.0	

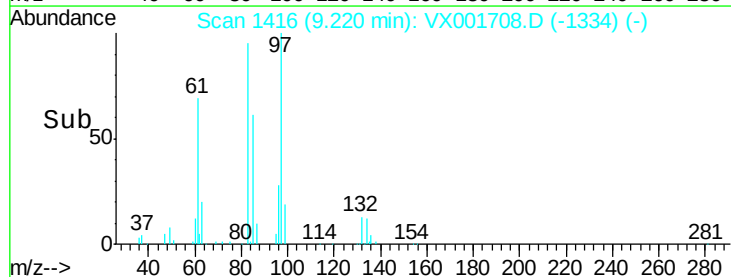
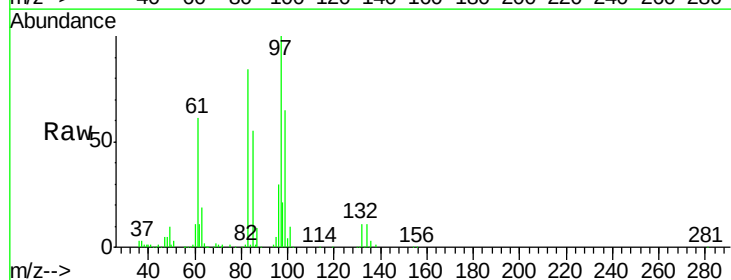
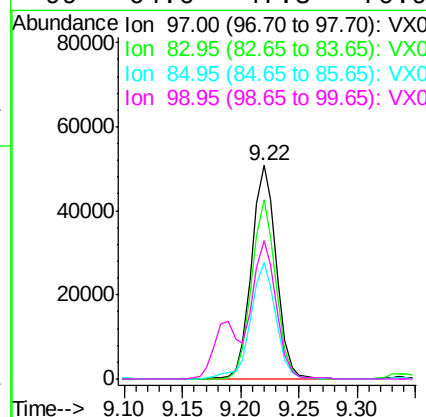
Manual Integrations
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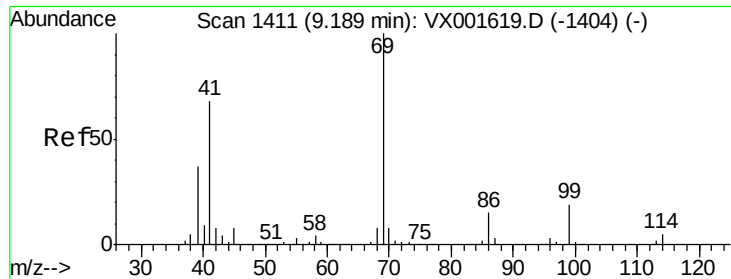
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#50
 1,1,2-Trichloroethane
 Concen: 21.31 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	84.0	65.0	97.6	
85	54.5	41.5	62.3	
99	64.6	47.3	70.9	





#51

Ethyl methacrylate

Concen: 19.44 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

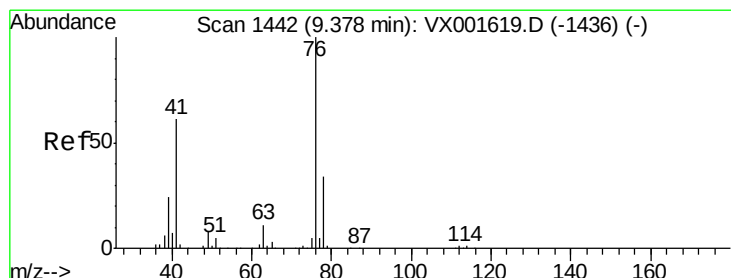
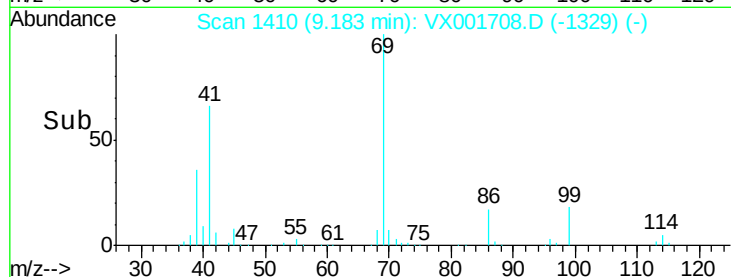
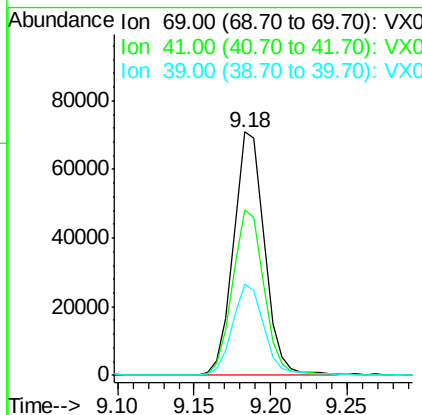
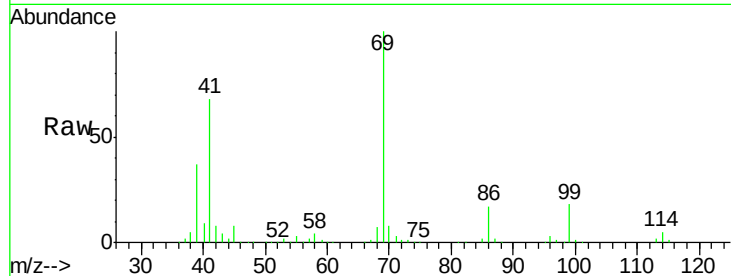
ClientSampleId :

VX0514WBS01

Tot Ion:	69	Resp:	99814
Ion	Ratio	Lower	Upper
69	100		
41	67.8	33.9	101.6
39	37.2	18.4	55.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.26 ug/l

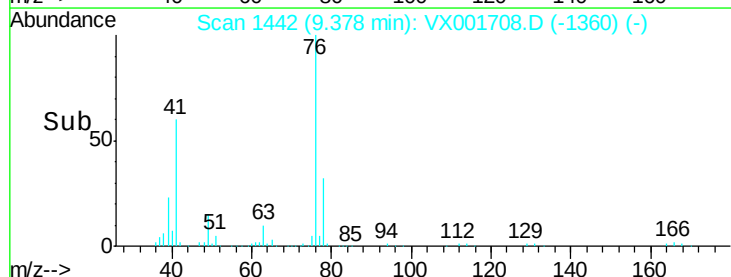
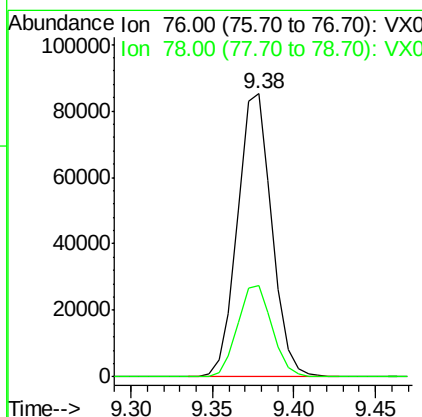
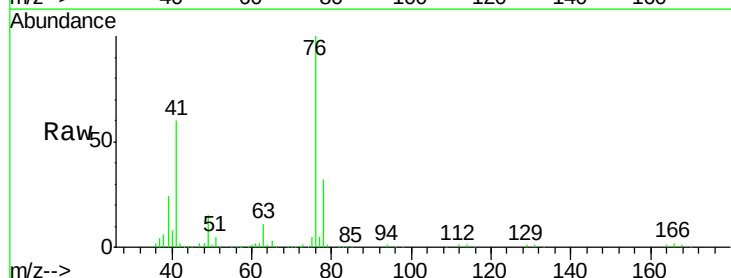
RT: 9.38 min Scan# 1442

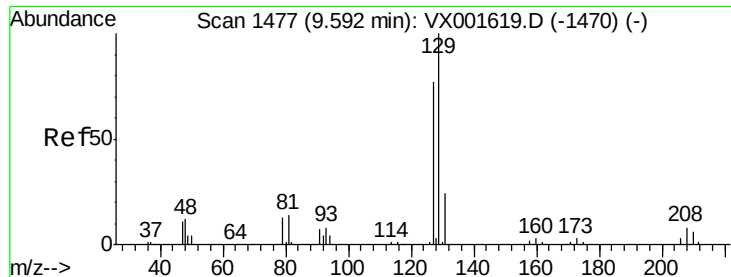
Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	76	Resp:	124765
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	65.8





#53

Dibromochloromethane

Concen: 21.29 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion:129 Resp: 78737

Ion Ratio Lower Upper

129 100

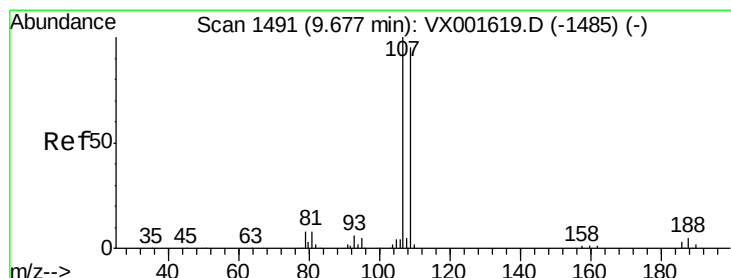
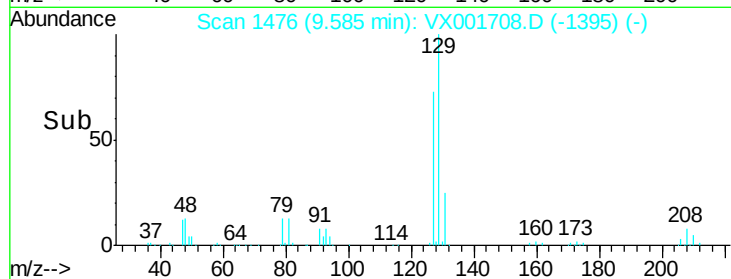
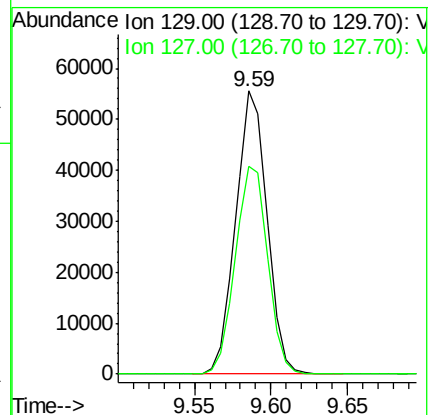
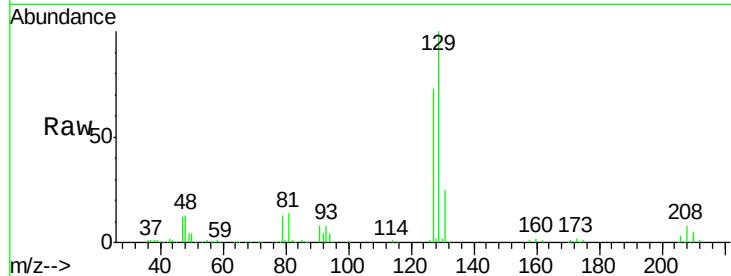
127 75.9 37.9 113.7

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#54

1,2-Dibromoethane

Concen: 21.17 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001708.D

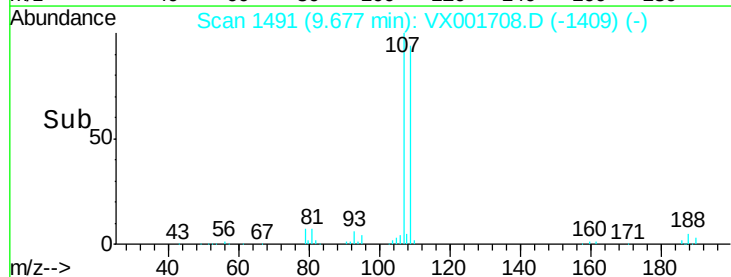
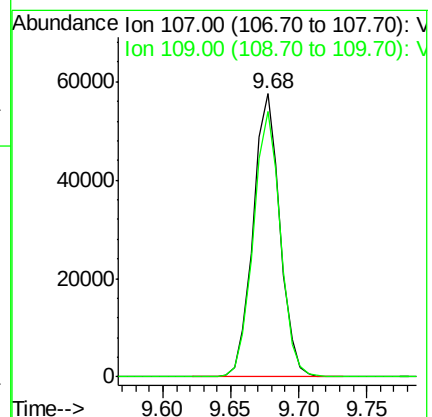
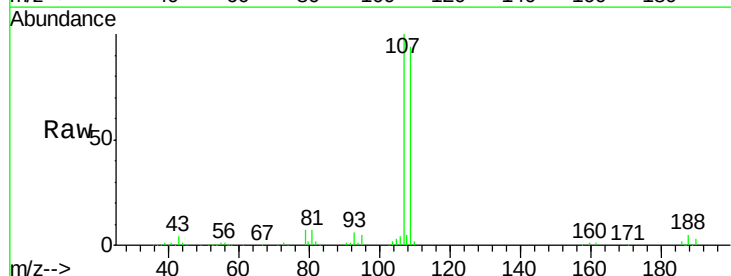
Acq: 14 May 2018 12:47

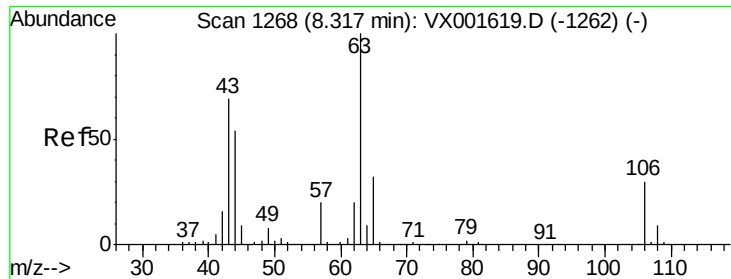
Tgt Ion:107 Resp: 79532

Ion Ratio Lower Upper

107 100

109 94.6 75.0 112.6





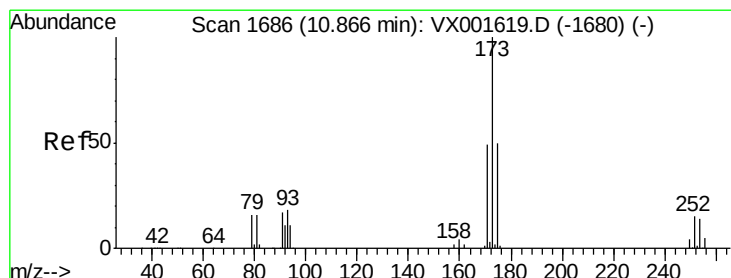
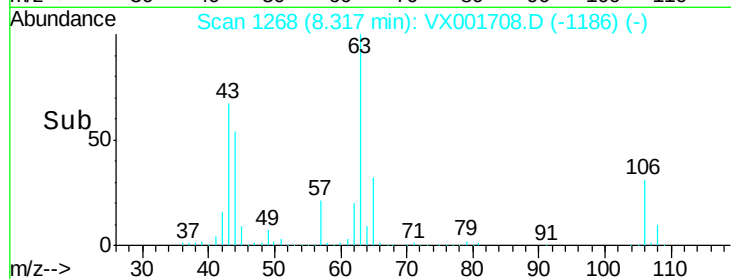
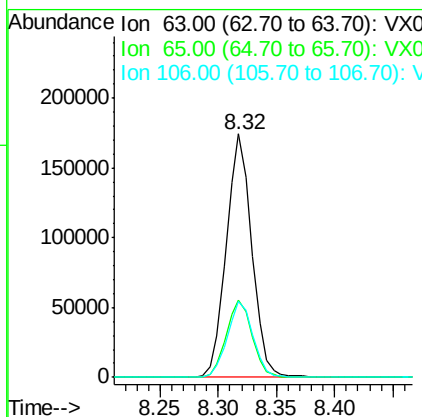
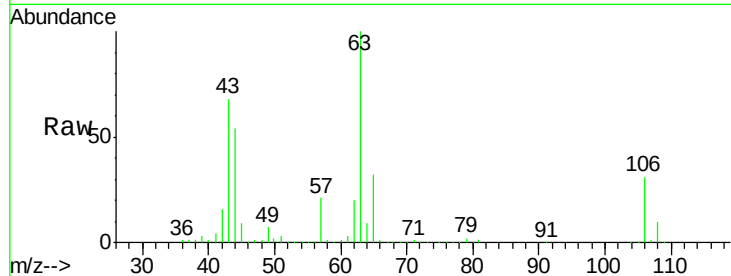
#55
2-Chloroethyl vinyl ether
Concen: 97.36 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	265796		
65	32.3		25.8	38.8
106	31.6		24.8	37.2

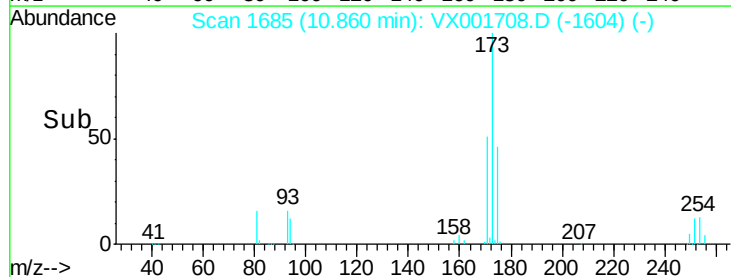
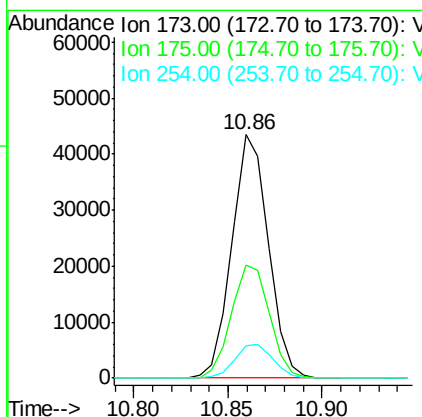
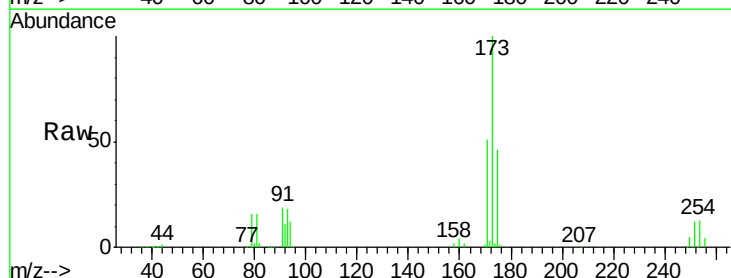
Manual Integrations
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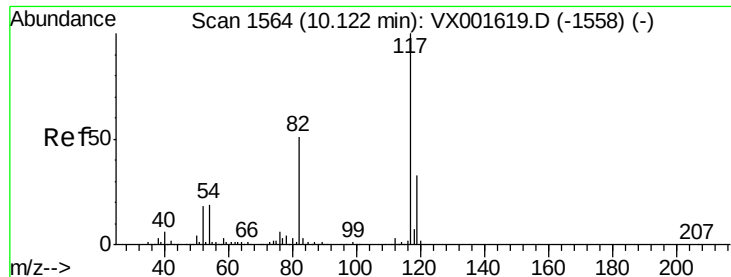
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#56
Bromoform
Concen: 19.29 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	58349		
175	48.7		39.8	59.8
254	14.1		10.7	16.1





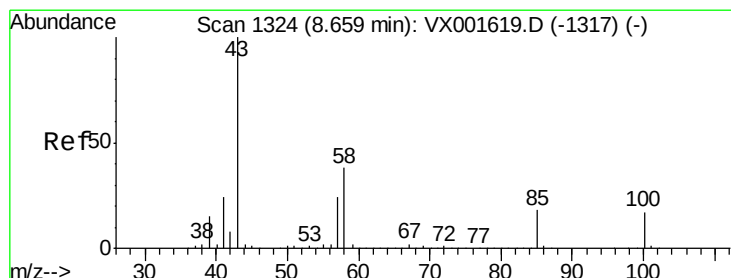
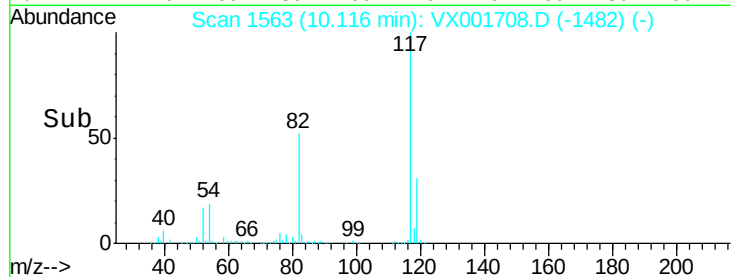
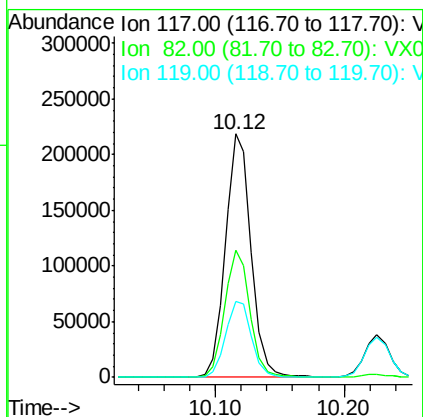
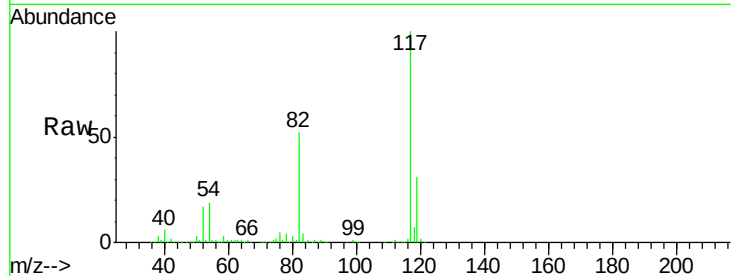
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.2
119	32.0	26.3	39.5

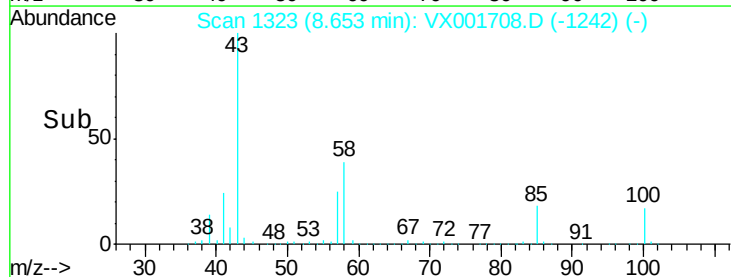
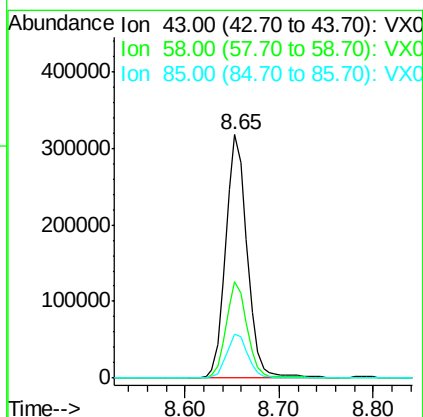
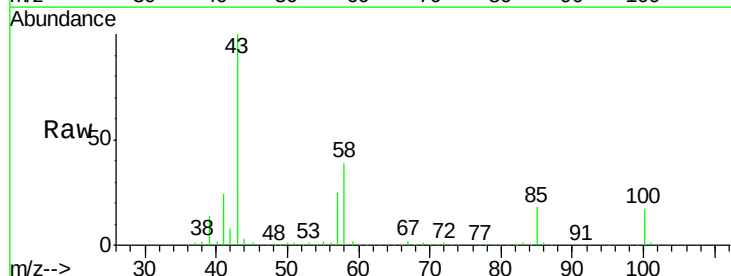
Manual Integrations
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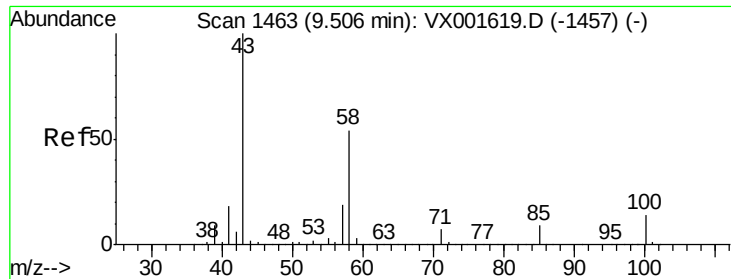
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#58
4-Methyl-2-Pentanone
Concen: 91.65 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6
85	18.1	14.3	21.5





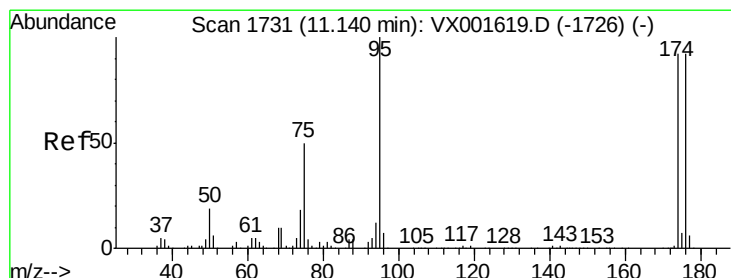
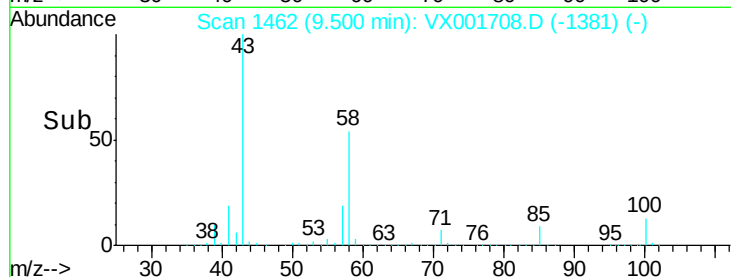
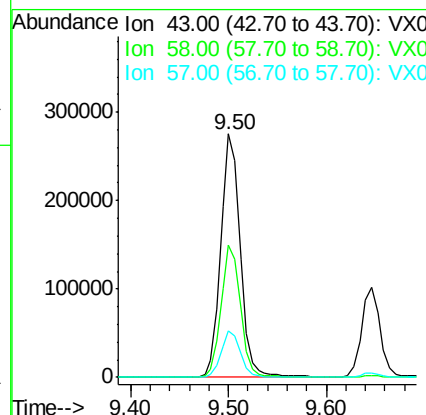
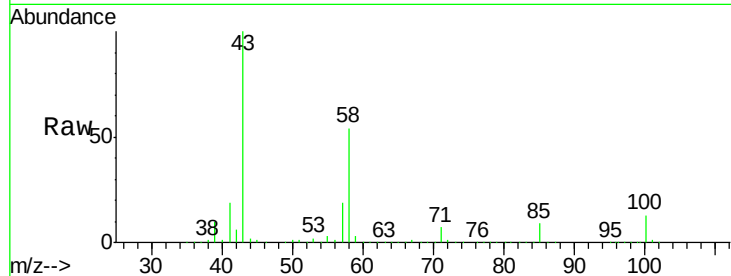
#59
2-Hexanone
Concen: 92.62 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.0	64.4
57	19.0	15.4	23.0

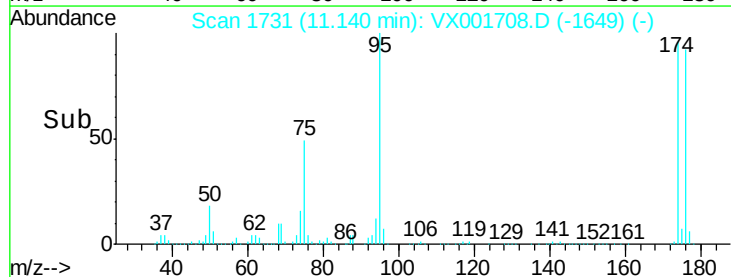
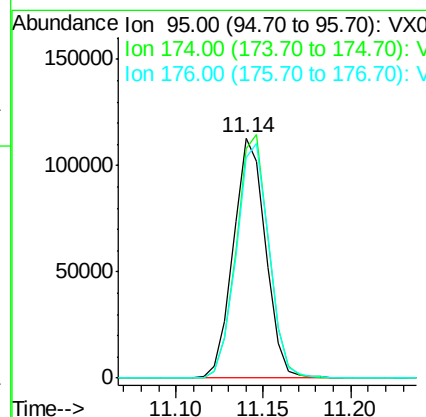
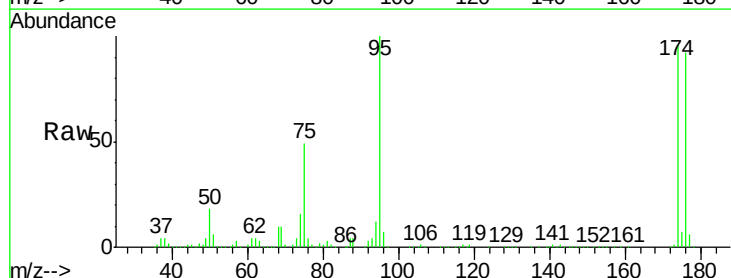
Manual Integrations
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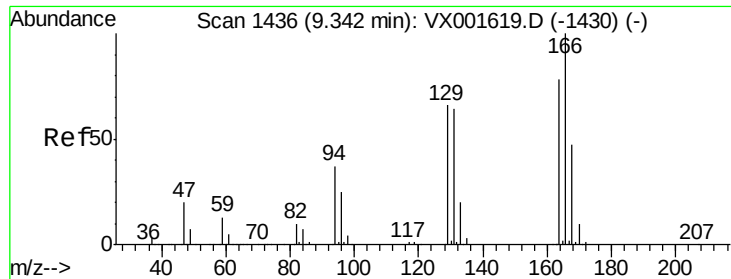
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#60
4-Bromofluorobenzene
Concen: 29.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	102.4	80.2	120.2
176	99.6	79.2	118.8





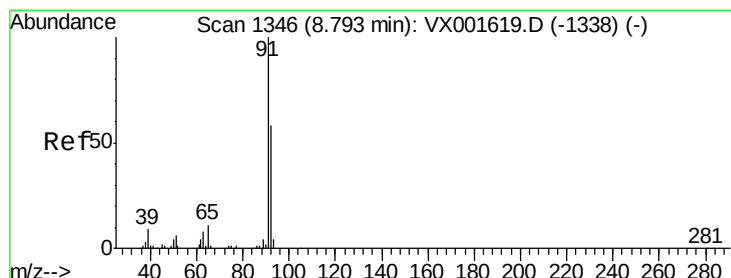
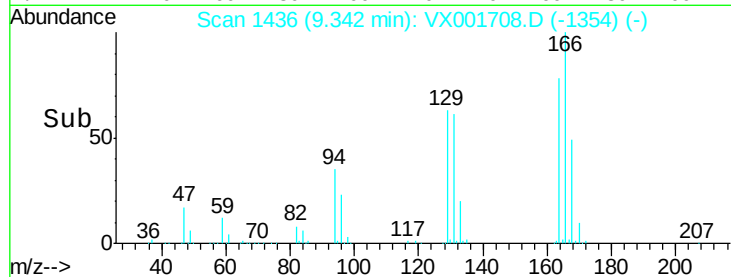
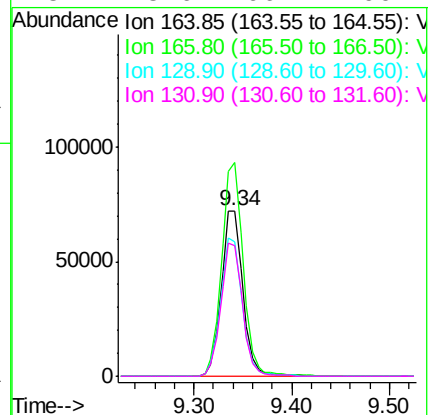
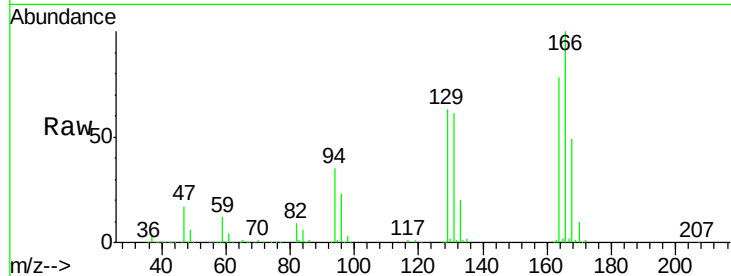
#61
Tetrachloroethene
Concen: 24.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.8	154.2
129	80.8	67.8	101.8
131	78.6	66.2	99.2

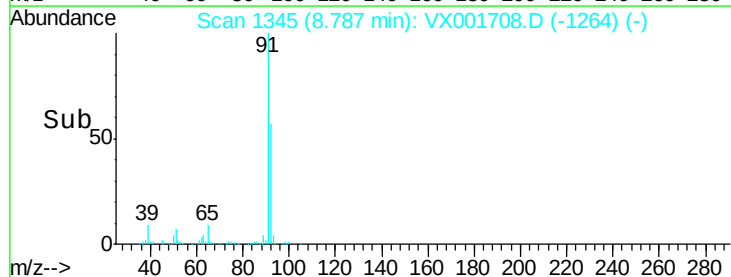
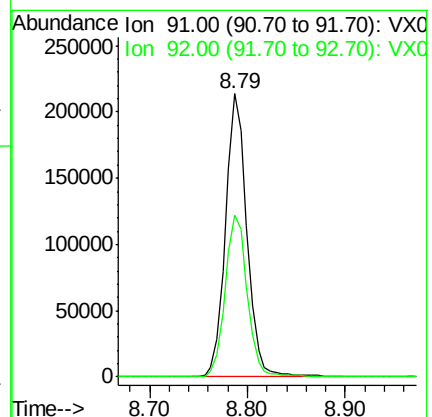
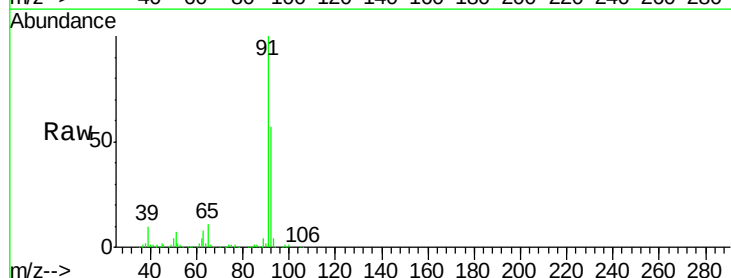
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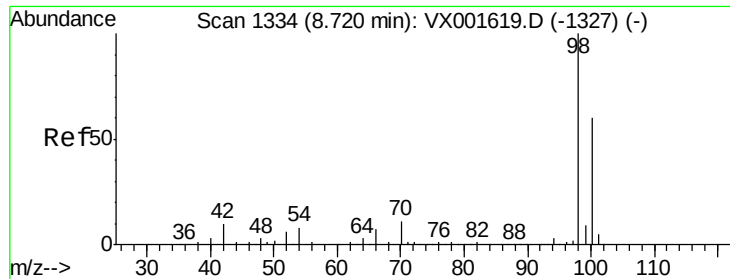
apatel
5/16/2018 6:19:00 PM



#62
Toluene
Concen: 22.12 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.4	71.0





#63

Toluene-d8

Concen: 30.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 98 Resp: 416618

Ion Ratio Lower Upper

98 100

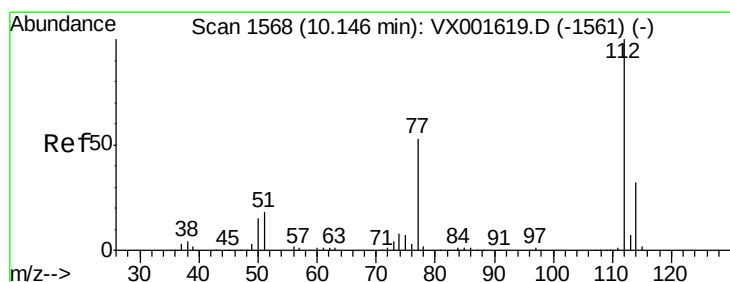
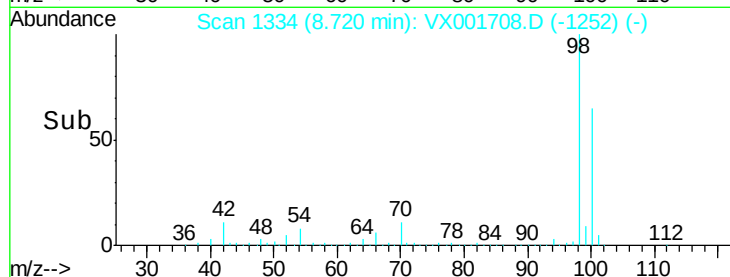
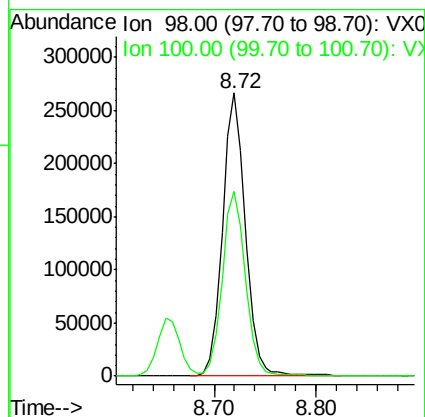
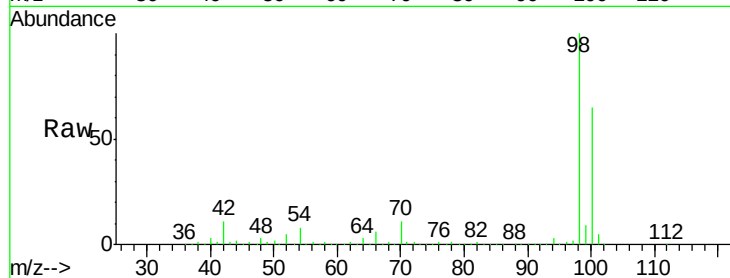
100 66.7 52.2 78.2

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#64

Chlorobenzene

Concen: 22.04 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001708.D

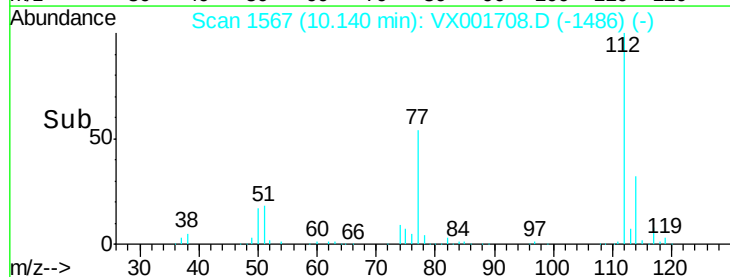
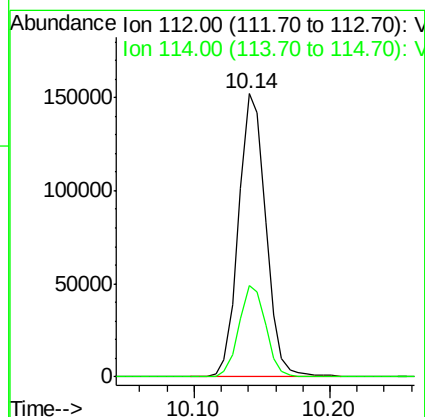
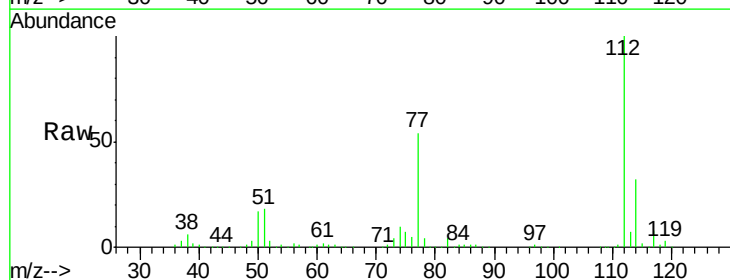
Acq: 14 May 2018 12:47

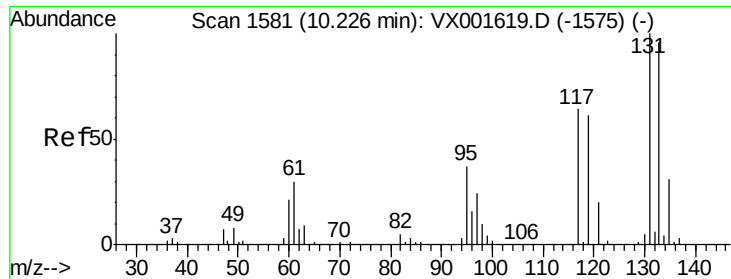
Tgt Ion: 112 Resp: 212679

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.51 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

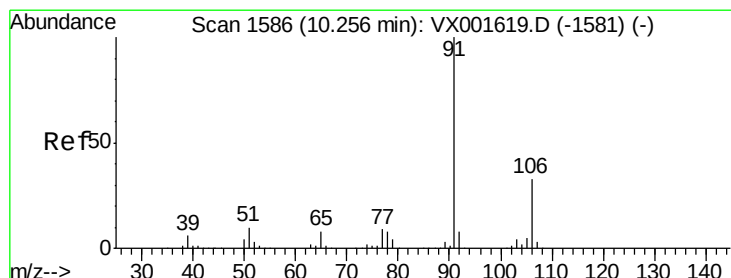
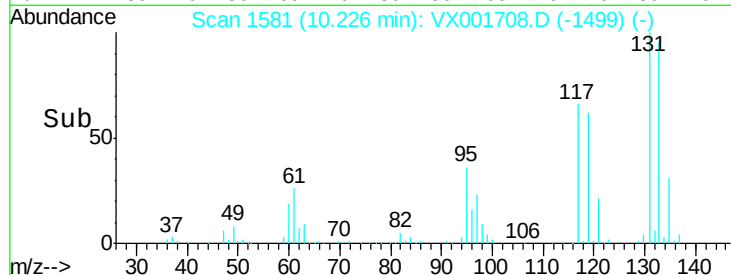
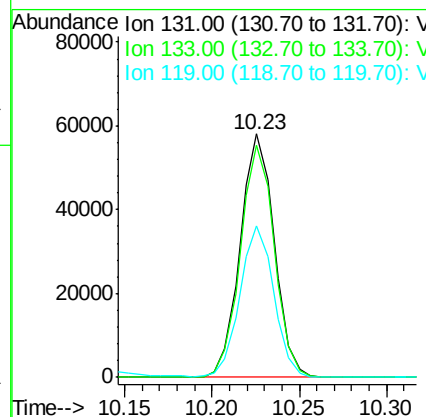
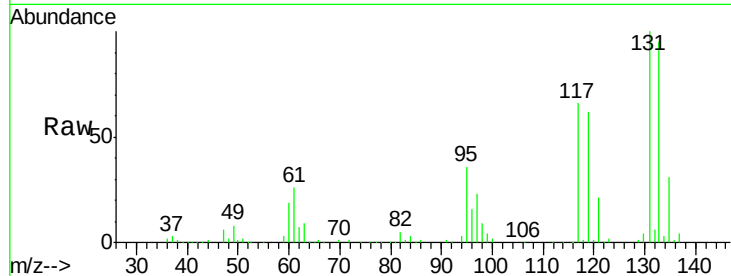
ClientSampleId :

VX0514WBS01

Tot Ion:	131	Resp:	78437
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	191.4
119	61.7	0.0	124.2

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#66

Ethyl Benzene

Concen: 22.59 ug/l

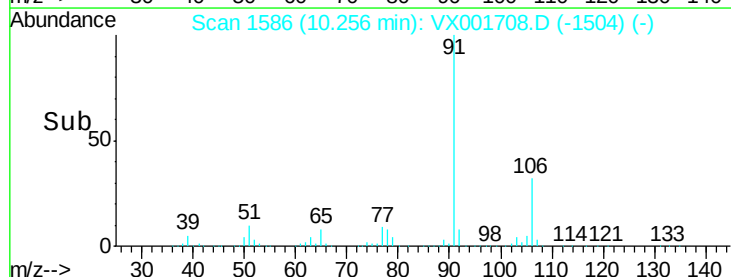
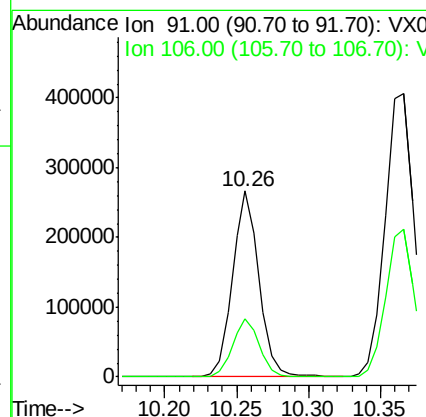
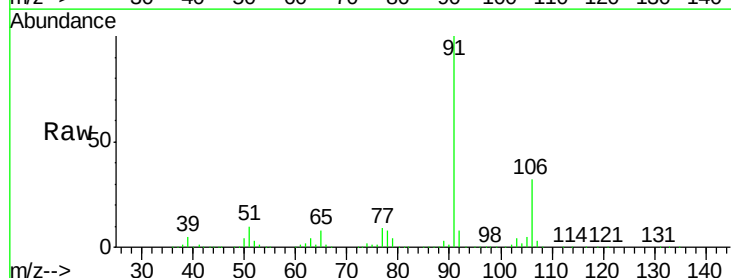
RT: 10.26 min Scan# 1586

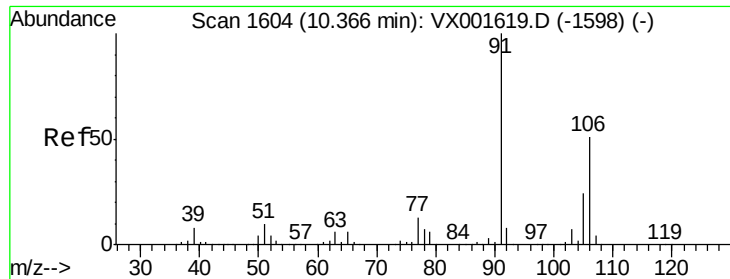
Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	91	Resp:	344219
Ion Ratio	Lower	Upper	
91	100		
106	31.6	26.2	39.4





#67

m/p-Xylenes

Concen: 48.11 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion:106 Resp: 292750

Ion Ratio Lower Upper

106 100

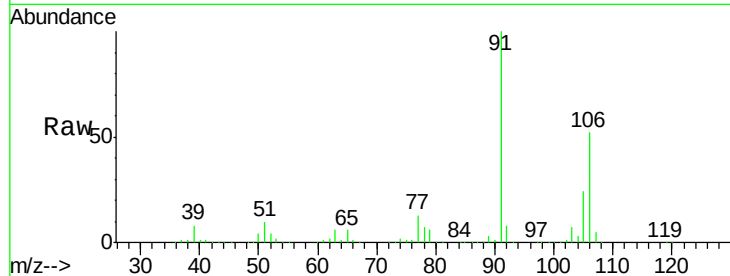
91 193.5 157.8 236.8

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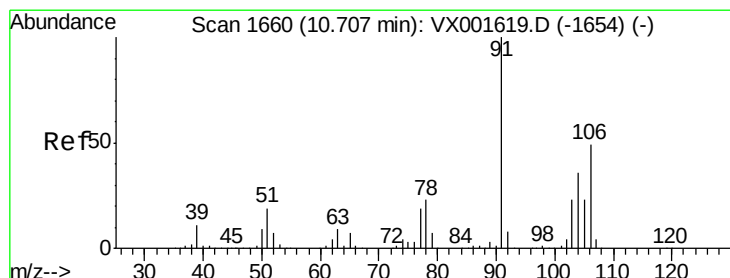
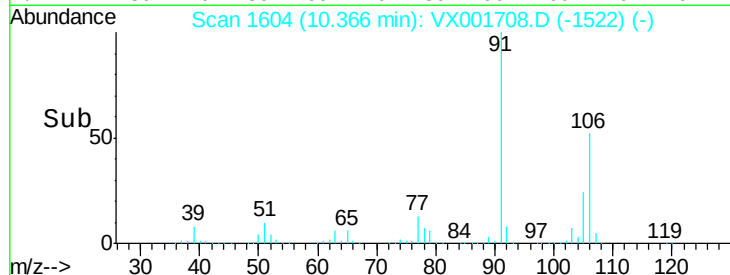
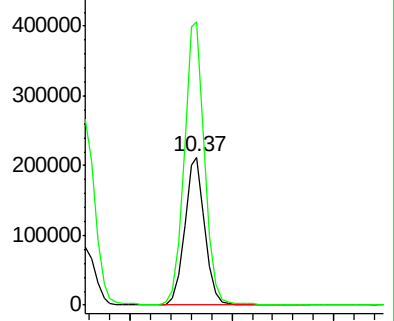
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.61 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001708.D

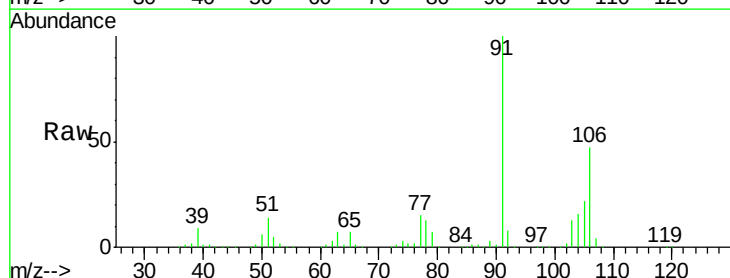
Acq: 14 May 2018 12:47

Tgt Ion:106 Resp: 130119

Ion Ratio Lower Upper

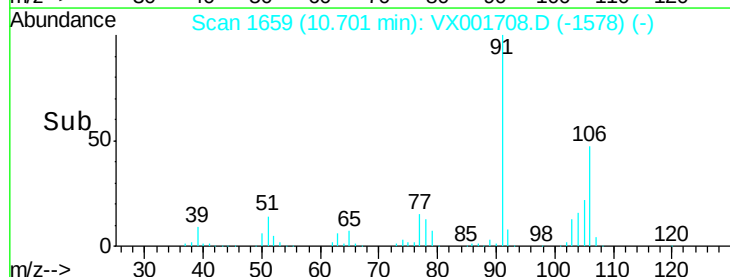
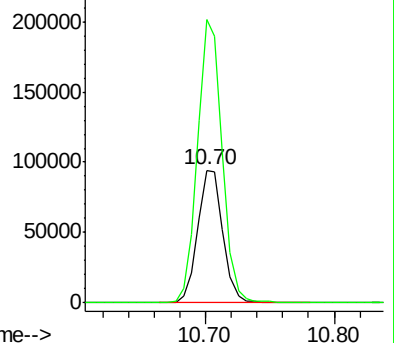
106 100

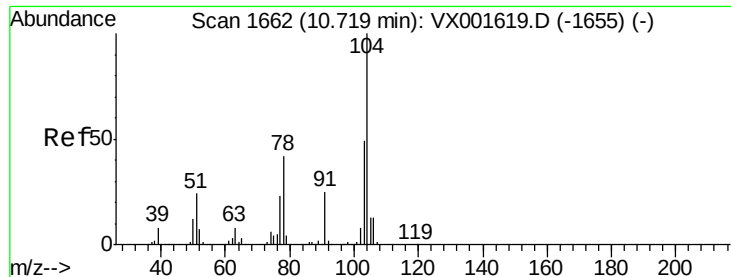
91 207.7 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





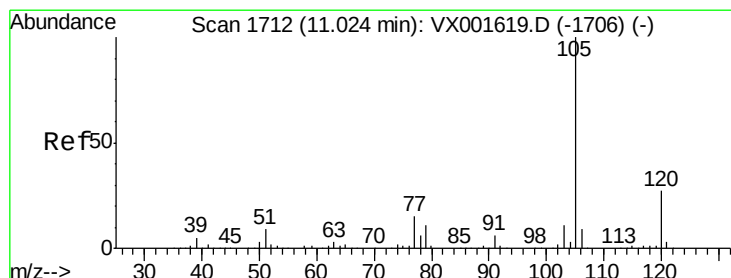
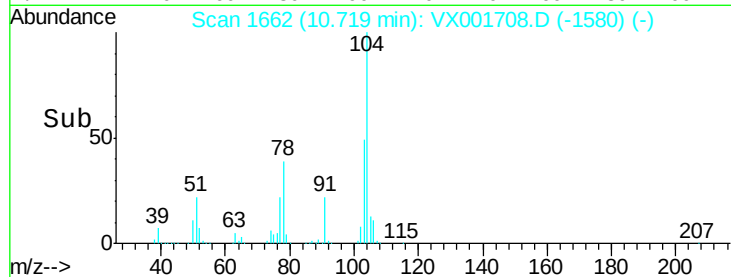
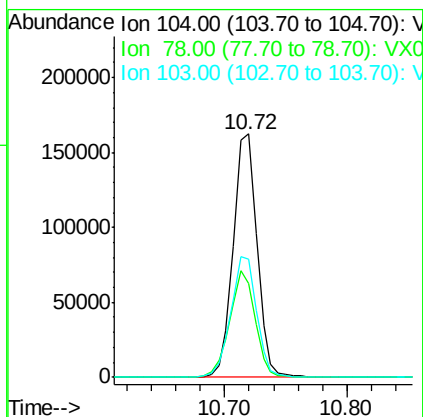
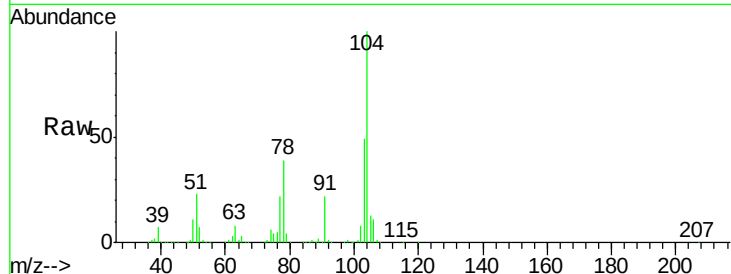
#69
Stvrene
Concen: 22.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	218831		
78	46.7	39.3	58.9	
103	53.8	43.7	65.5	

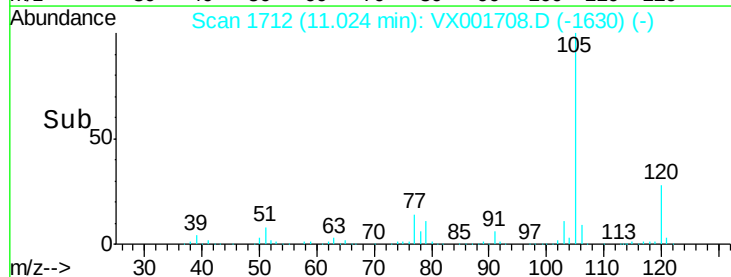
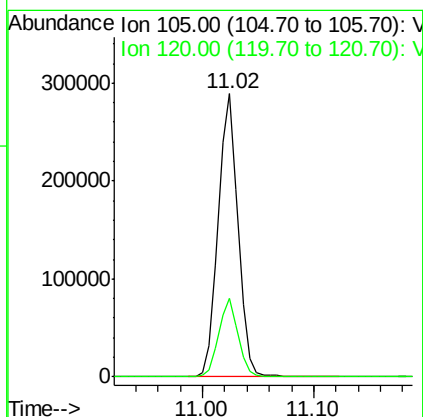
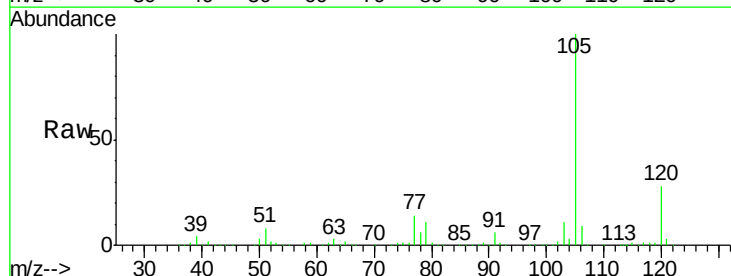
Manual Integrations
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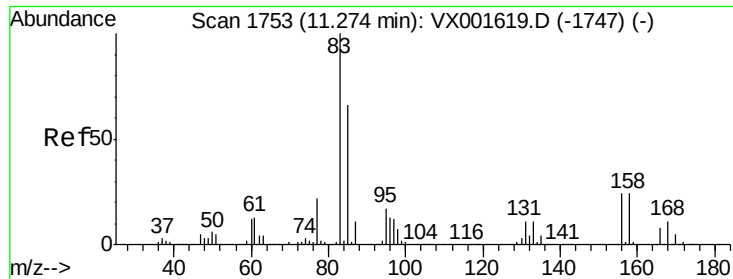
apatel
5/16/2018 6:19:00 PM



#70
Isopropylbenzene
Concen: 23.05 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	357473		
120	27.2	19.1	35.5	





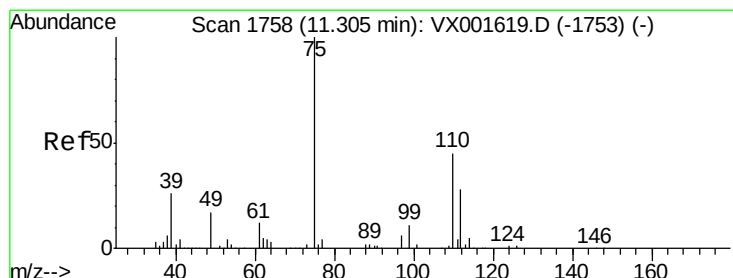
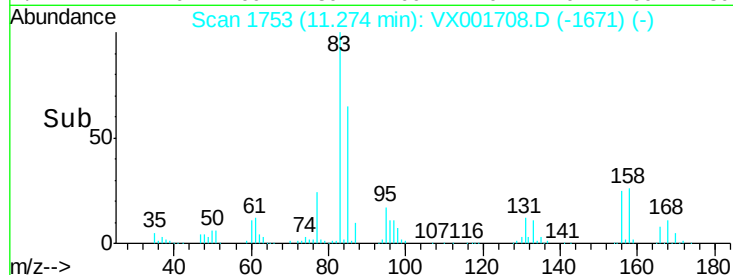
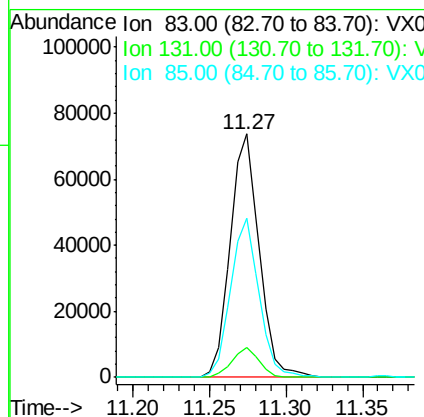
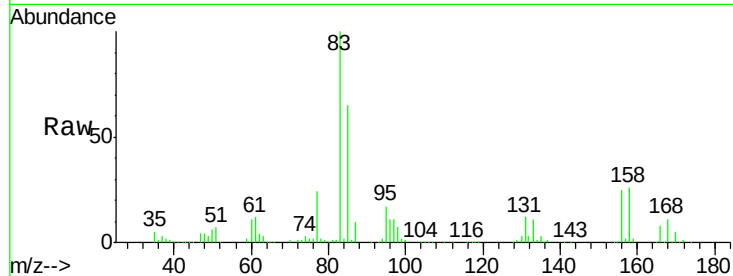
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.53 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	83	Resp	96415
Ion Ratio	100	Lower	Upper
83	100		
131	11.6	5.8	17.4
85	64.6	32.4	97.2

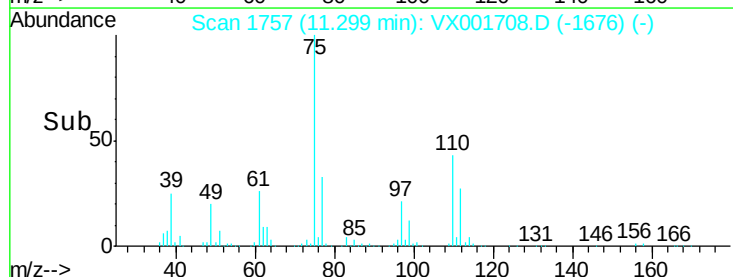
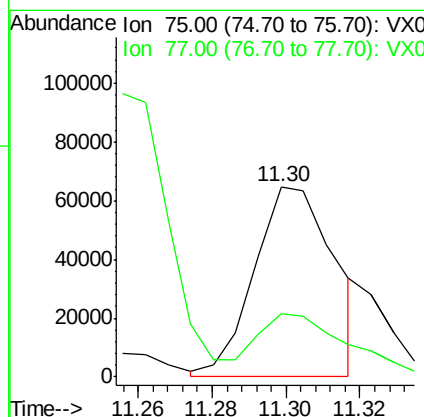
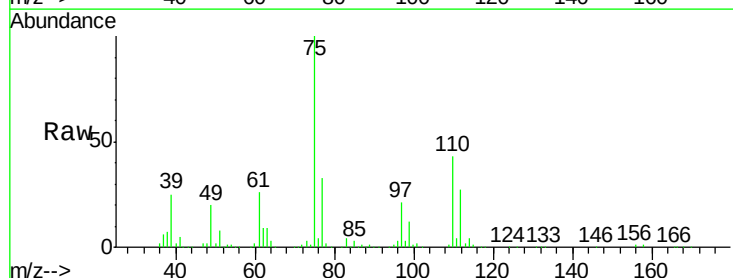
Manual Integrations
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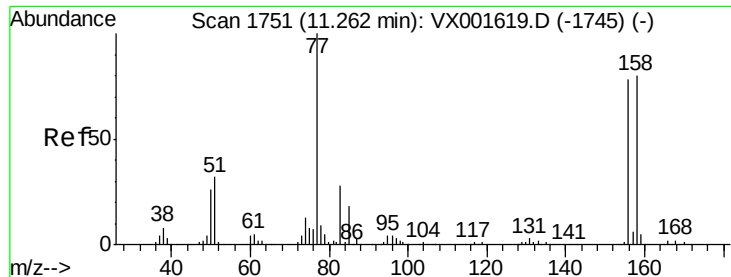
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 19.37 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	75	Resp	97645
Ion Ratio	100	Lower	Upper
75	100		
77	36.8	0.0	73.2





#73

Bromobenzene

Concen: 21.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

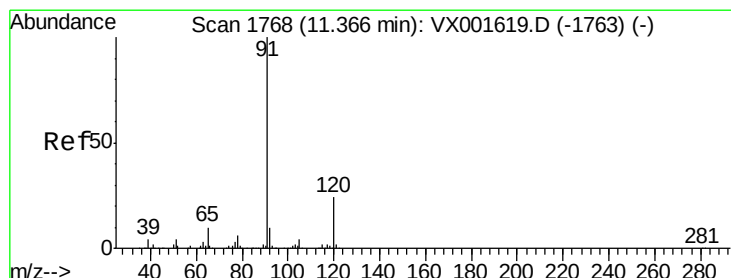
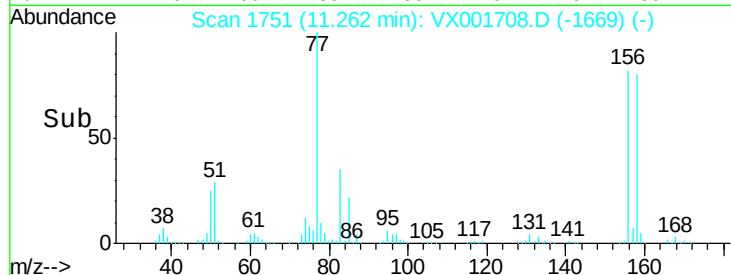
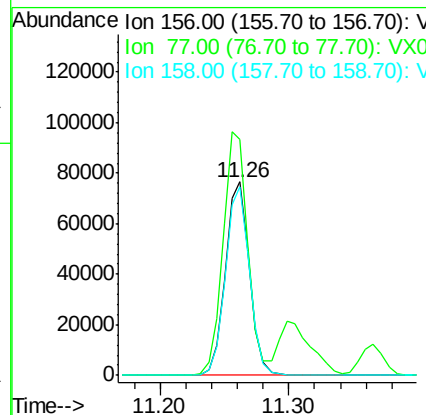
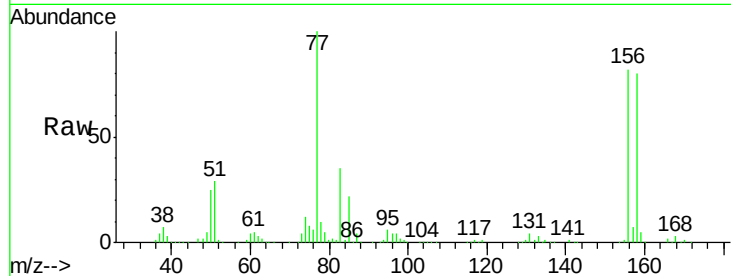
ClientSampleId :

VX0514WBS01

Tot Ion:	156	Resp:	100866
Ion Ratio	Lower	Upper	
156	100		
77	130.7	0.0	266.4
158	97.8	0.0	194.4

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#74

n-propylbenzene

Concen: 24.14 ug/l

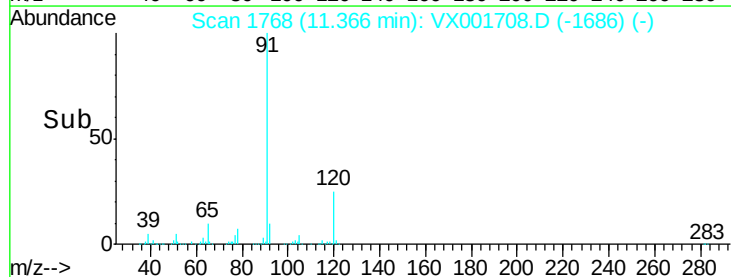
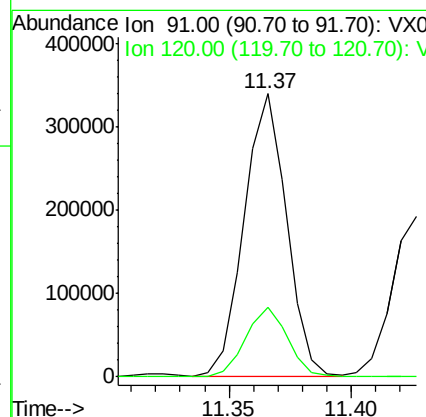
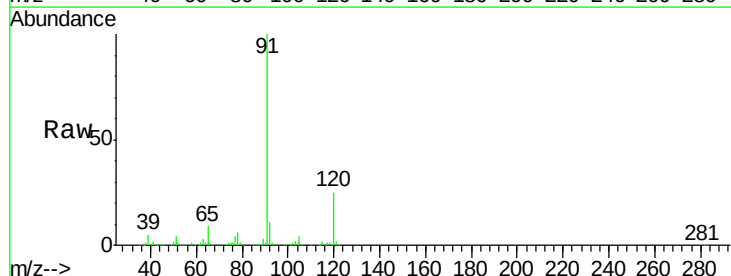
RT: 11.37 min Scan# 1768

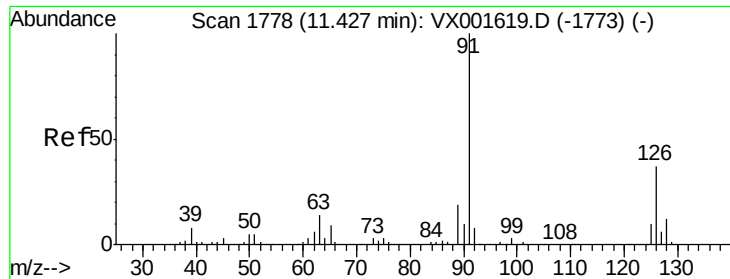
Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	91	Resp:	412238
Ion Ratio	Lower	Upper	
91	100		
120	24.3	0.0	48.0





#75

2-Chlorotoluene

Concen: 22.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 91 Resp: 244398

Ion Ratio Lower Upper

91 100

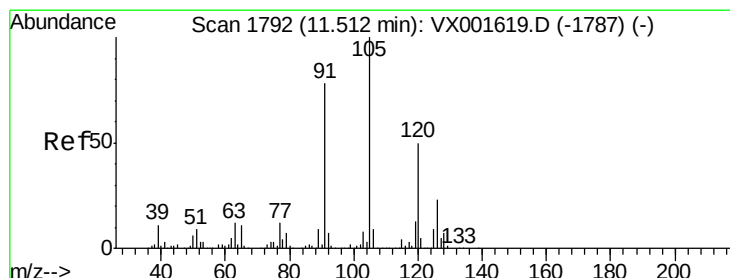
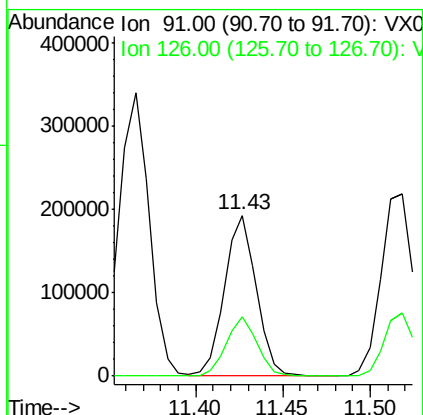
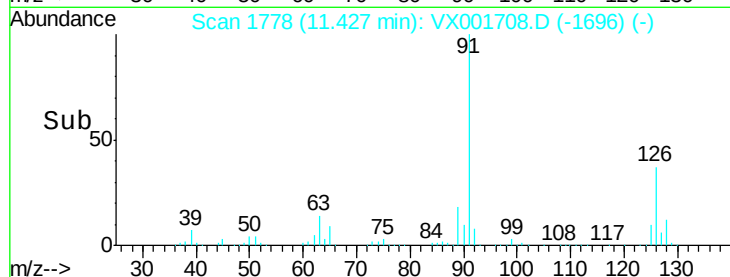
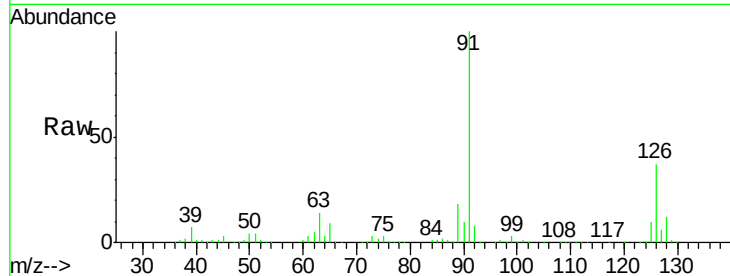
126 35.8 0.0 72.0

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#76

1,3,5-Trimethylbenzene

Concen: 23.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001708.D

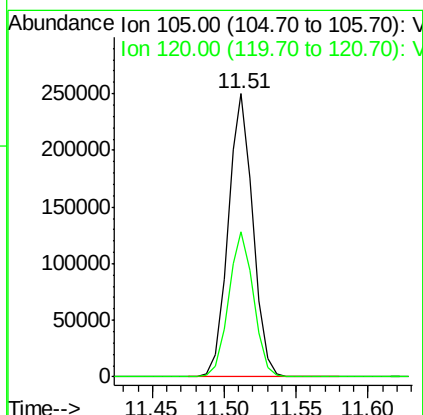
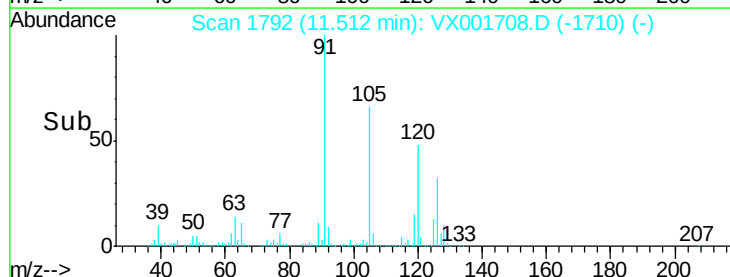
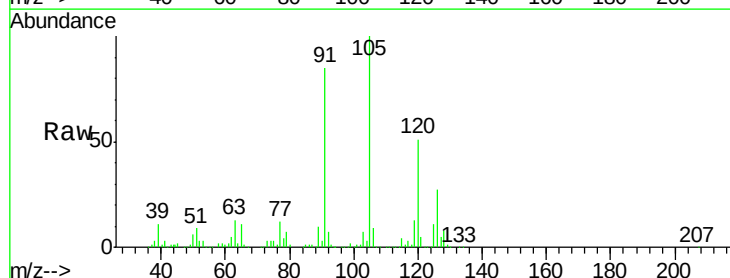
Acq: 14 May 2018 12:47

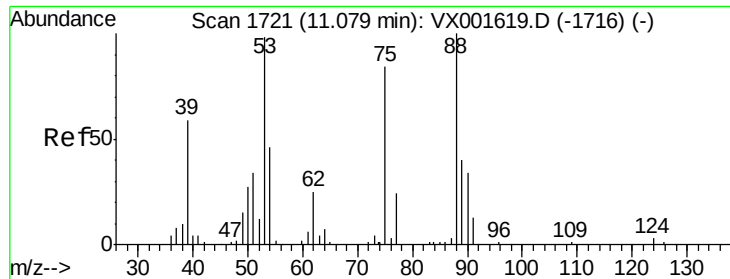
Tgt Ion: 105 Resp: 301446

Ion Ratio Lower Upper

105 100

120 51.8 0.0 101.8





#77

t-1,4-Dichloro-2-butene

Concen: 20.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tot Ion: 75 Resp: 25958

Ion Ratio Lower Upper

75 100

53 106.7 58.3 174.8

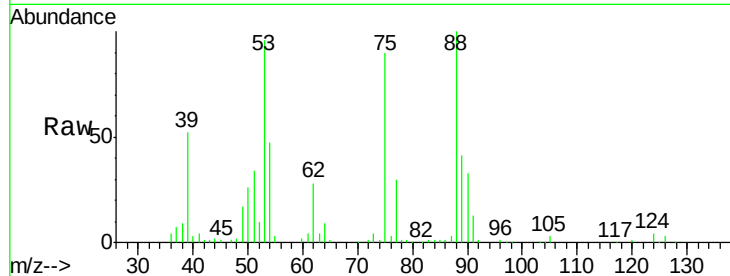
89 45.2 23.9 71.8

Manual Integrations

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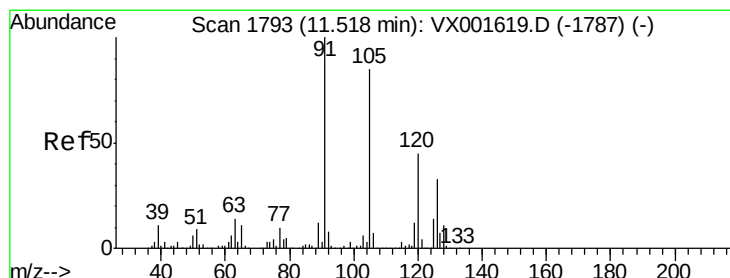
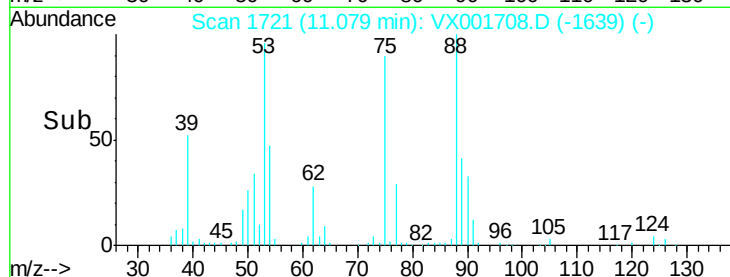
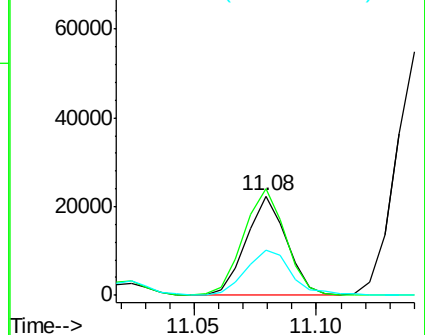
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Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 23.14 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001708.D

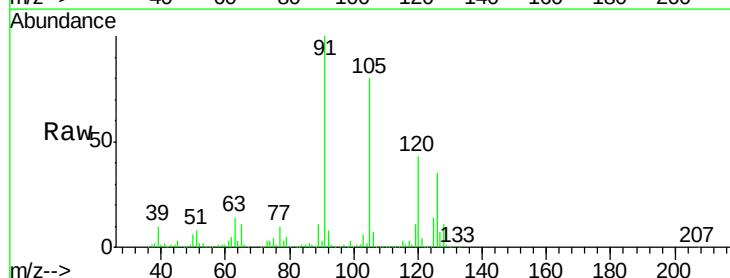
Acq: 14 May 2018 12:47

Tgt Ion: 91 Resp: 281808

Ion Ratio Lower Upper

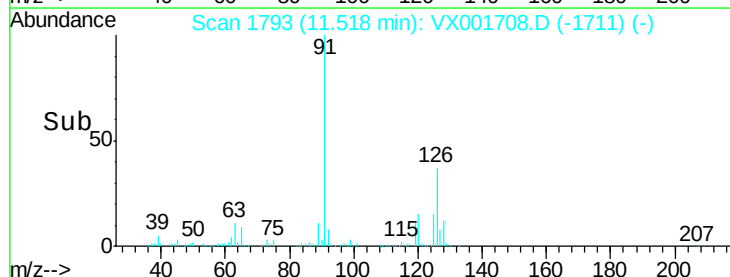
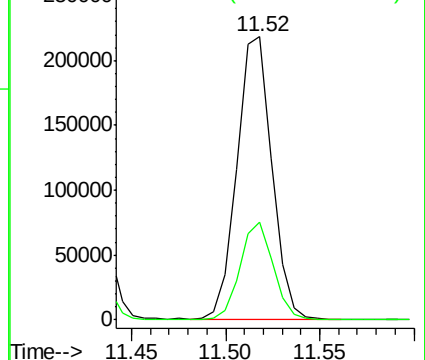
91 100

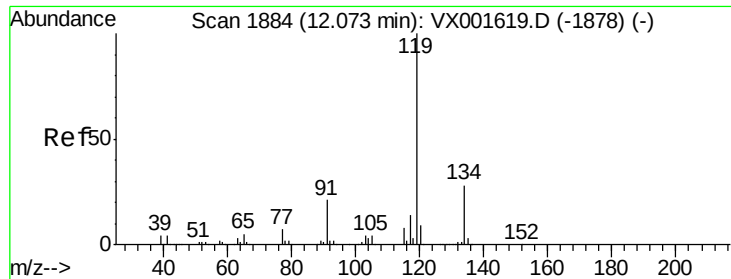
126 32.2 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





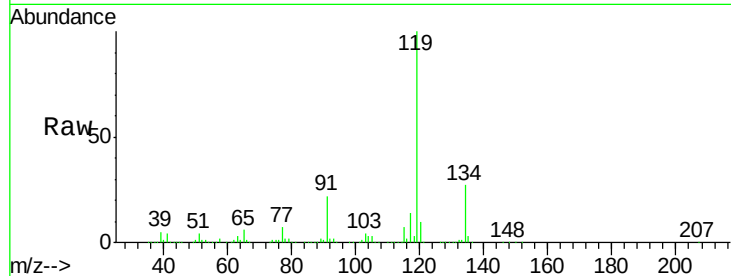
#79
tert-butylbenzene
Concen: 24.74 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

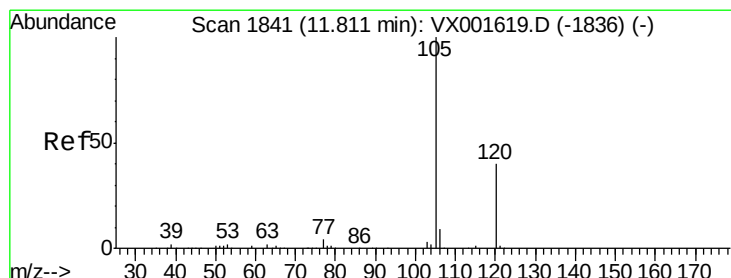
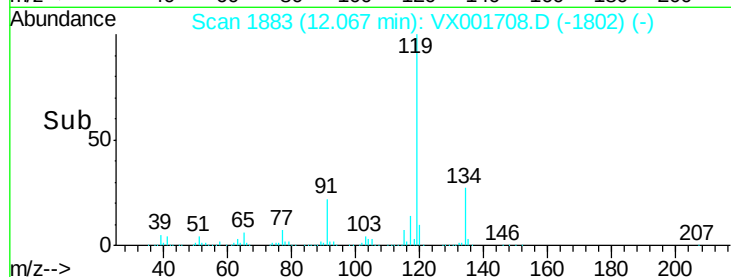
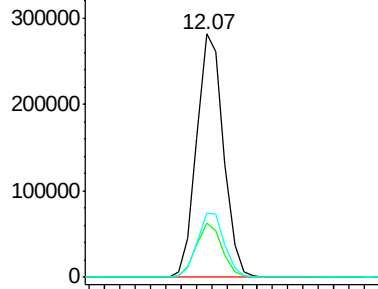
Tot Ion	Ratio	Resp	Lower	Upper
119	100	341663		
91	21.8	0.0	44.0	
134	26.8	0.0	53.8	

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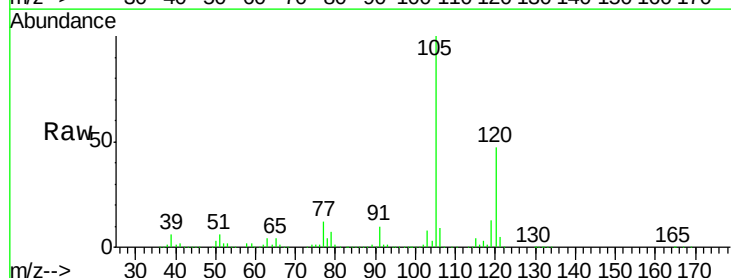


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

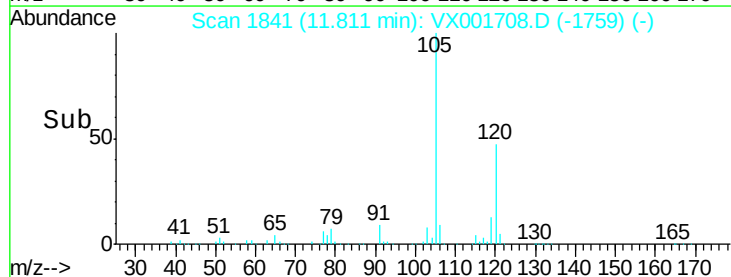
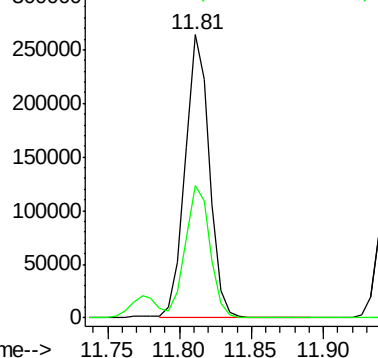


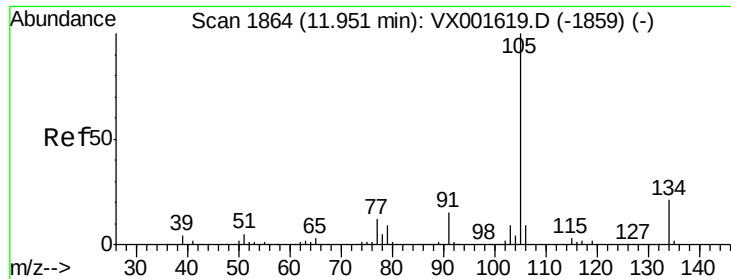
#80
1,2,4-Trimethylbenzene
Concen: 23.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309075		
120	47.4	0.0	94.0	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





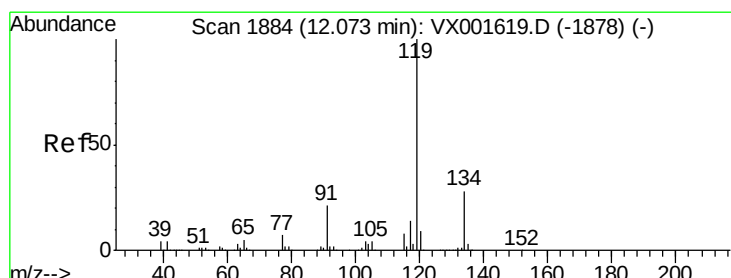
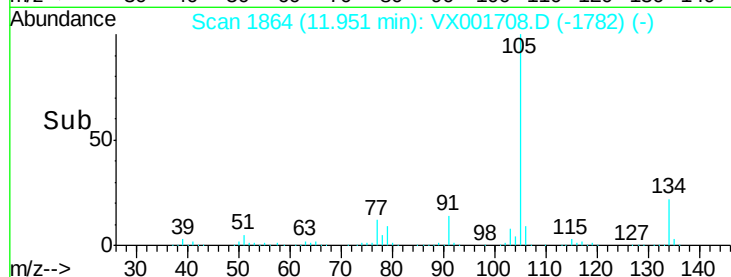
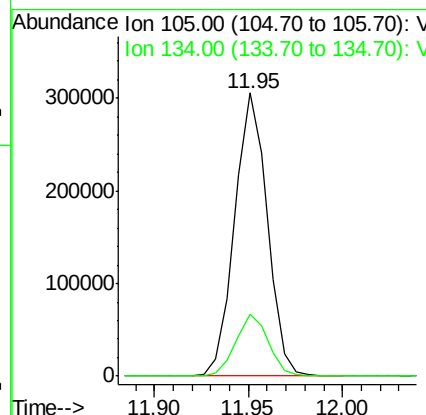
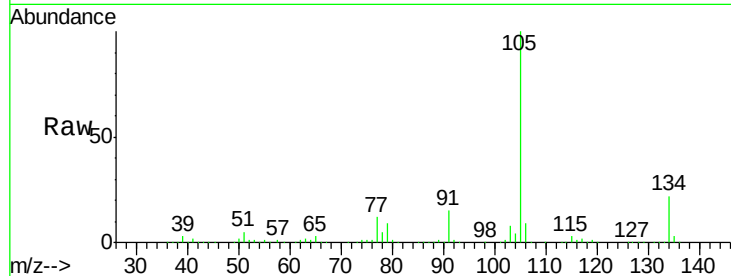
#81
 sec-Butylbenzene
 Concen: 24.28 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.9	0.0	43.4

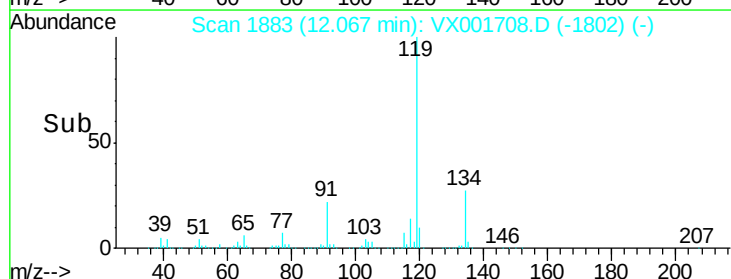
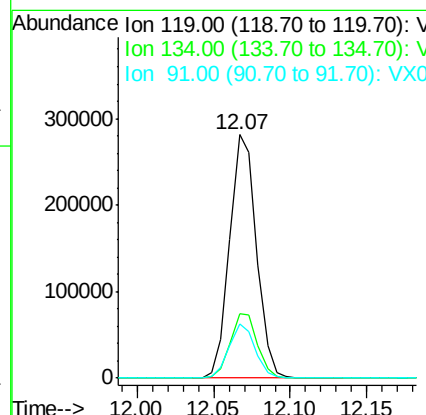
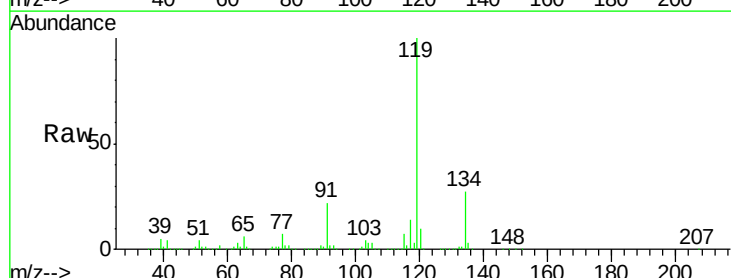
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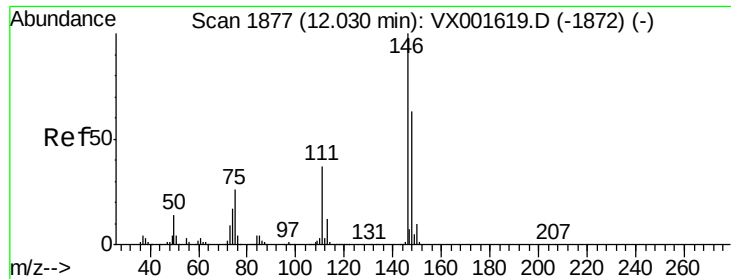
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#82
 p-Isopropyltoluene
 Concen: 24.74 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	53.8
91	21.8	0.0	44.0





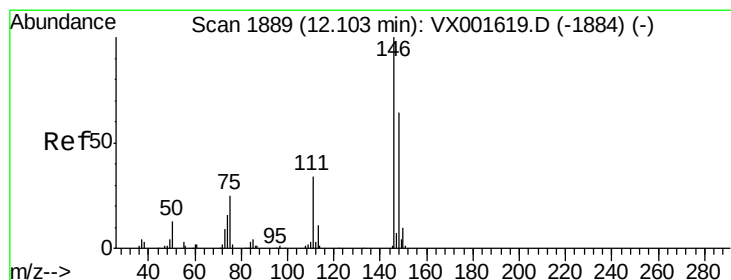
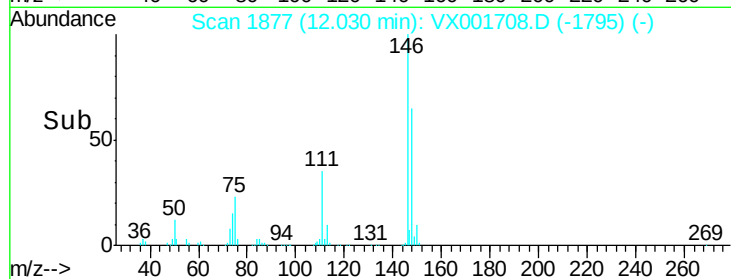
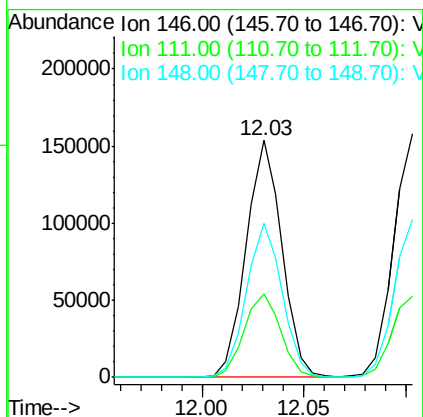
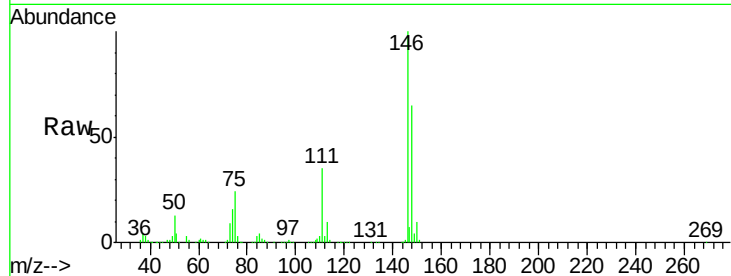
#83
 1,3-Dichlorobenzene
 Concen: 22.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	64.8	32.2	96.6

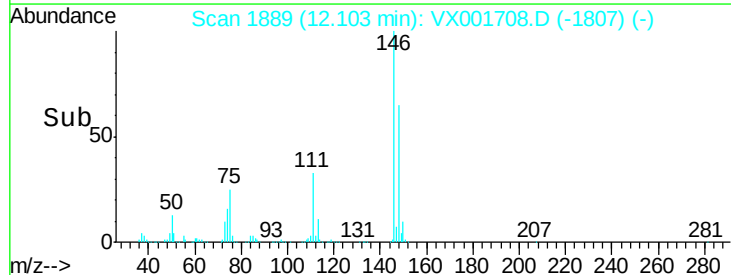
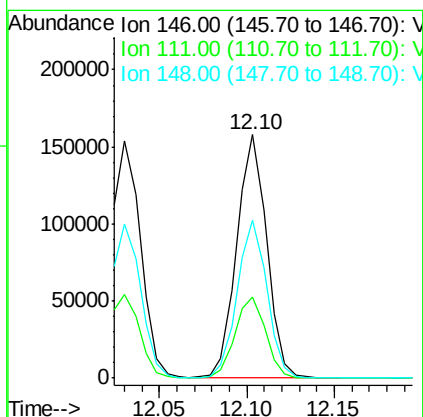
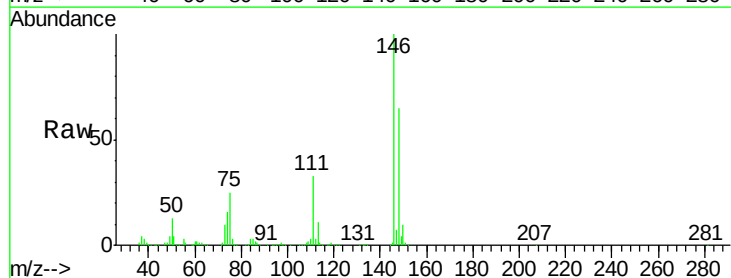
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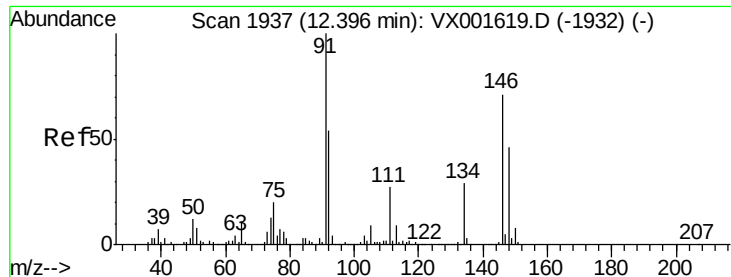
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#84
 1,4-Dichlorobenzene
 Concen: 22.94 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.2	17.4	52.3
148	64.3	32.5	97.4





#85

n-Butylbenzene

Concen: 25.99 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

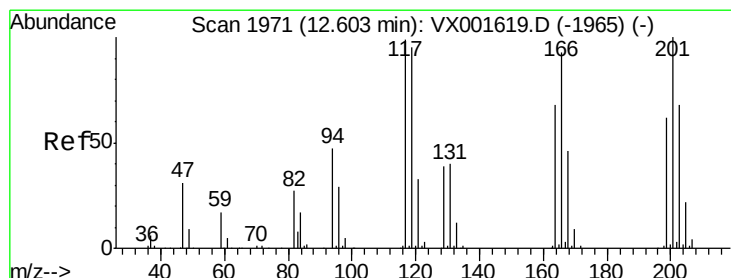
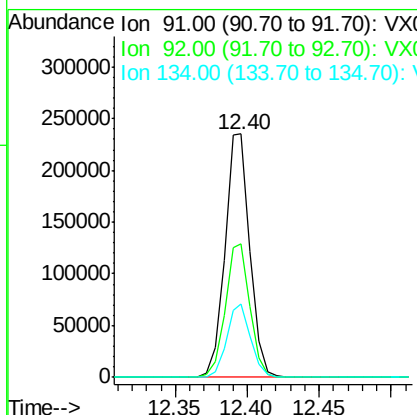
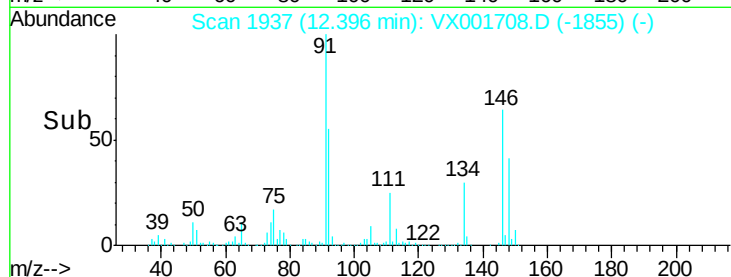
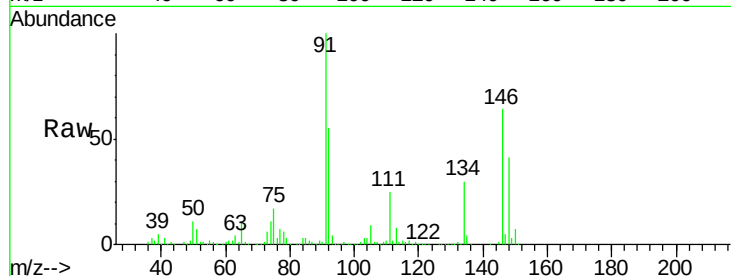
ClientSampleId :

VX0514WBS01

Tot Ion:	91	Resp:	285433
Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	107.8
134	29.1	0.0	56.8

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#86

Hexachloroethane

Concen: 22.20 ug/l

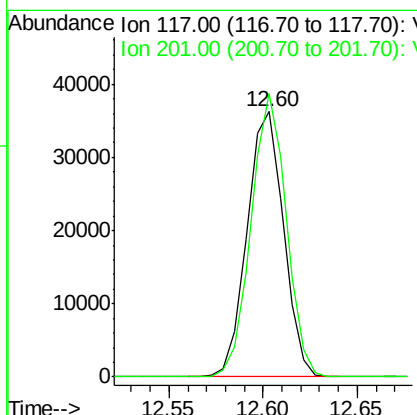
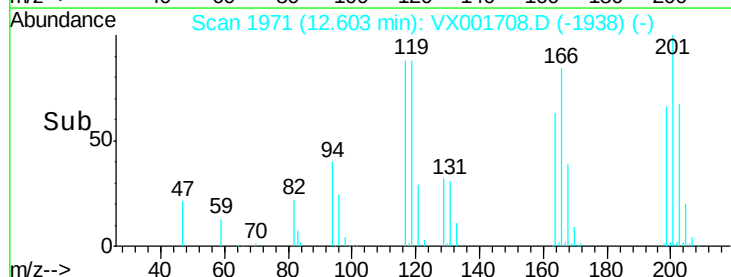
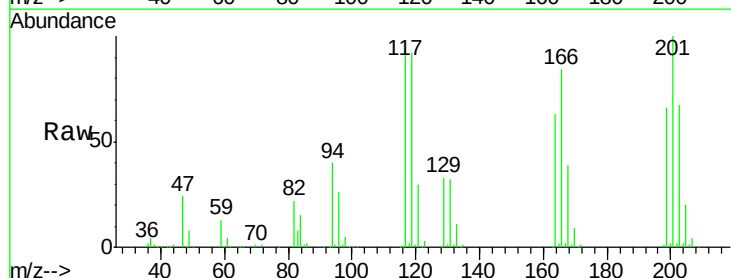
RT: 12.60 min Scan# 1971

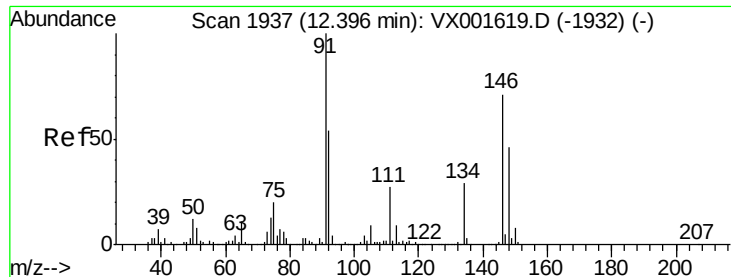
Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion:	117	Resp:	48640
Ion	Ratio	Lower	Upper
117	100		
201	102.8	50.1	150.3





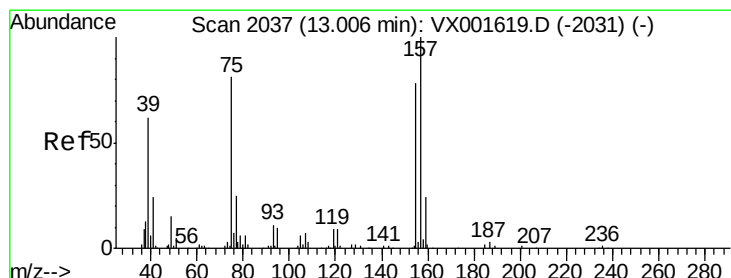
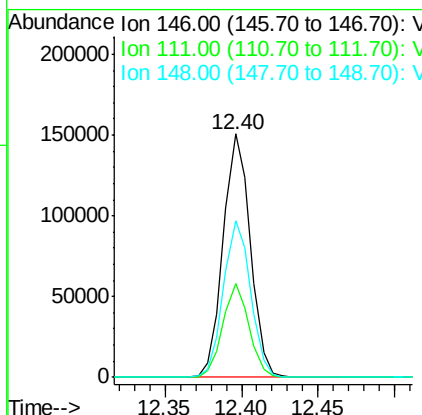
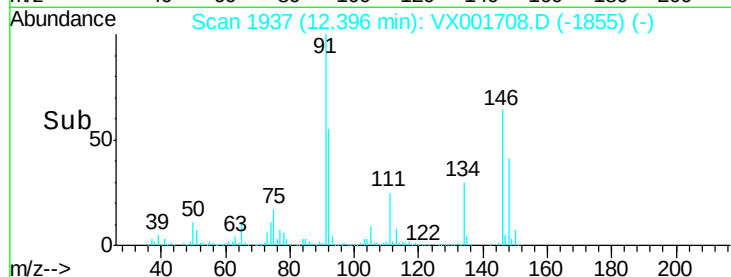
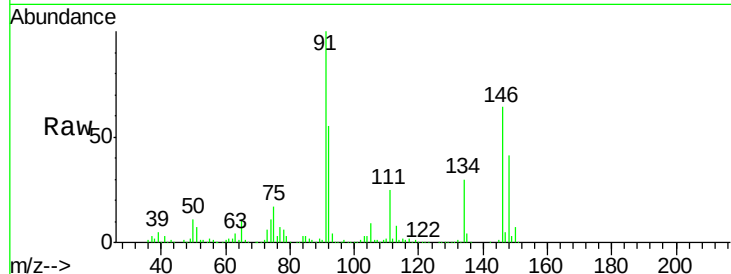
#87
 1,2-Dichlorobenzene
 Concen: 21.81 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.4	32.1	96.5

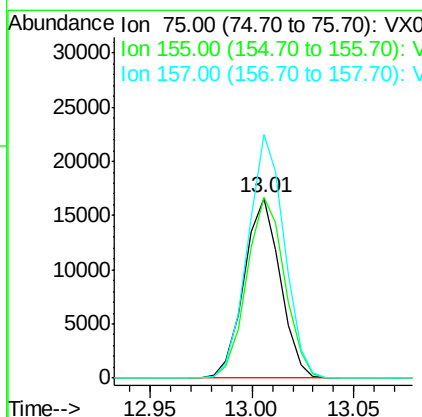
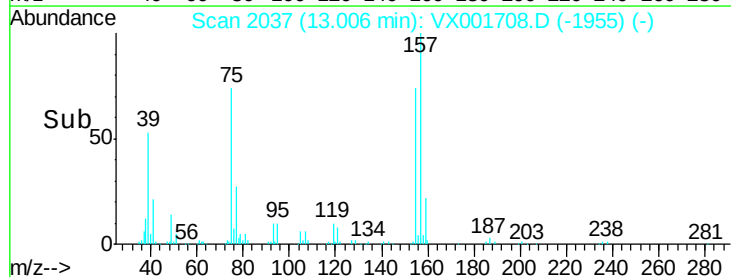
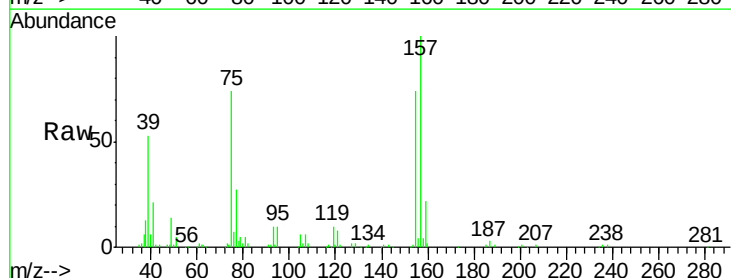
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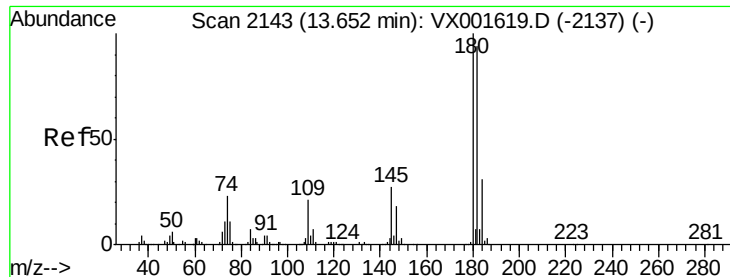
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.90 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001708.D
 Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.8	79.8	119.8
157	136.7	105.4	158.2





#89

1,2,4-Trichlorobenzene

Concen: 23.64 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

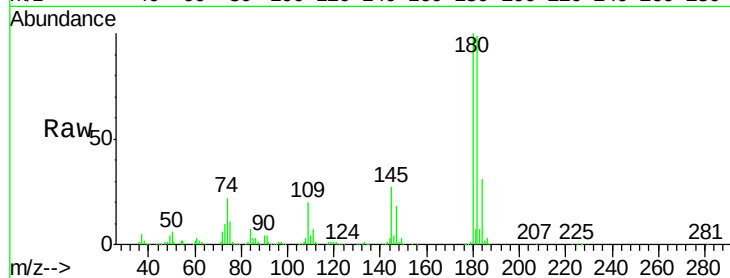
VX0514WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142749		
182	95.9	76.6	115.0	
145	27.0	21.5	32.3	

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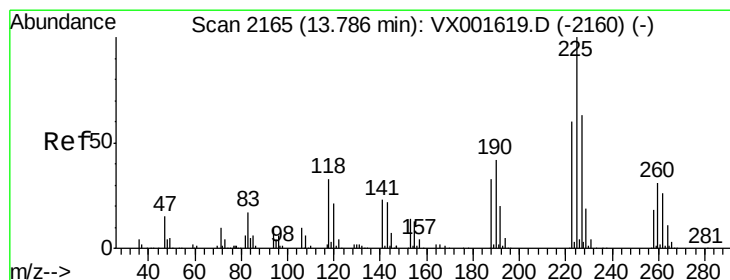
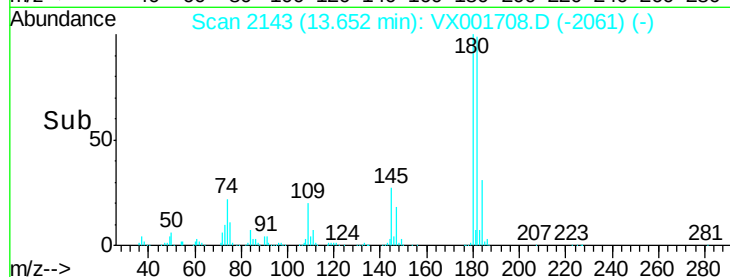
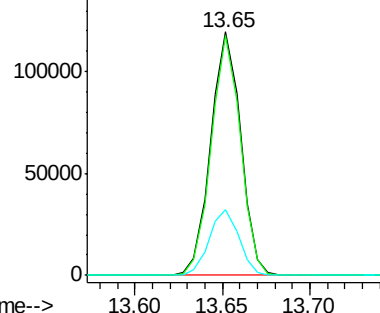


Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 25.69 ug/l

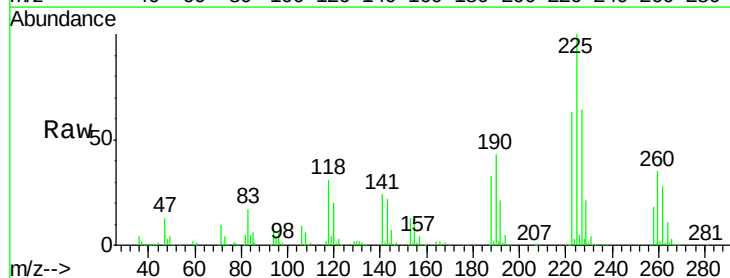
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001708.D

Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79362		
223	62.0	0.0	120.2	
227	65.0	0.0	126.6	

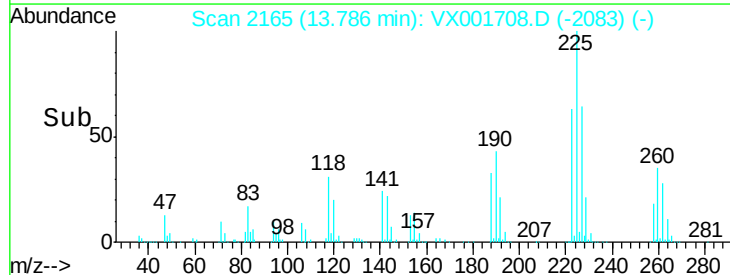
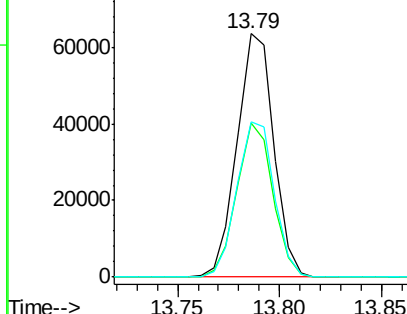


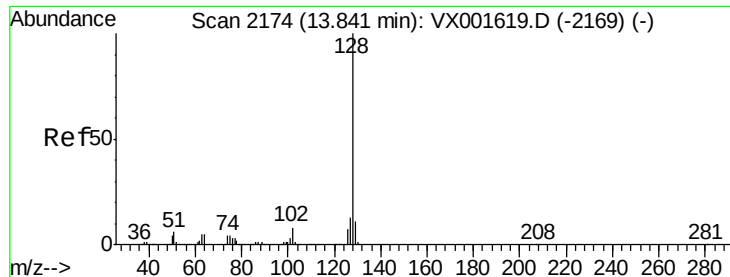
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





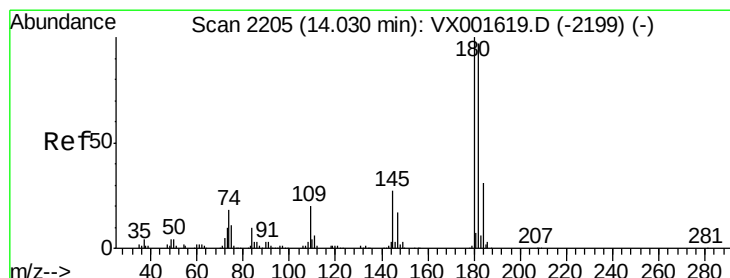
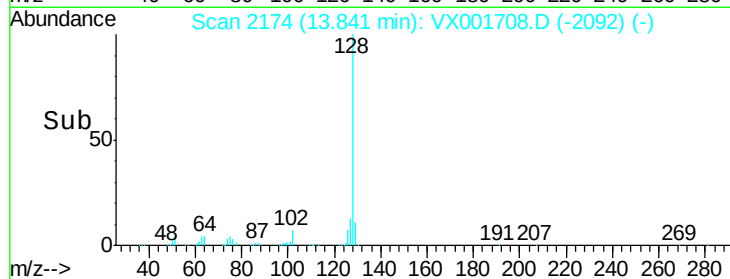
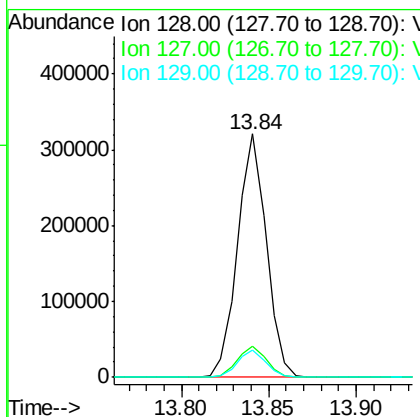
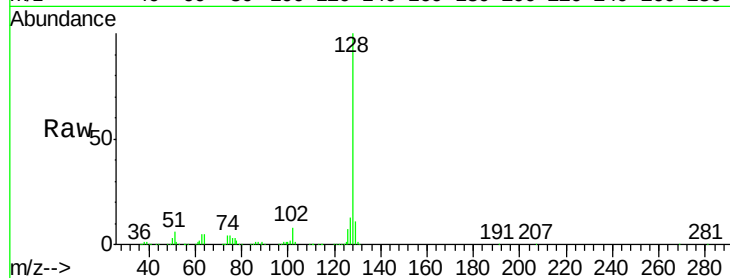
#91
Naphthalene
Concen: 20.34 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 22.69 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VX001708.D
Acq: 14 May 2018 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	192.2
145	28.5	0.0	56.0

