

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122019\
 Data File : VX014165.D
 Acq On : 20 Dec 2019 11:36
 Operator : JC/SP
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Manual Integrations
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apatel
 12/23/2019 10:25:04 AM

Quant Time: Dec 20 23:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	682101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1021152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	918777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	466485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	386941	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	321289	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	8.71	98	1243555	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	445798	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115610	18.945	ug/l	97
3) Chloromethane	1.32	50	149454	18.250	ug/l	98
4) Vinyl Chloride	1.40	62	162956	18.858	ug/l	99
5) Bromomethane	1.63	94	107705	17.561	ug/l	99
6) Chloroethane	1.72	64	105945	19.865	ug/l	94
7) Trichlorofluoromethane	1.92	101	214199	20.024	ug/l	98
8) Diethyl Ether	2.18	74	97055	19.332	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130305	20.208	ug/l	99
10) Methyl Iodide	2.50	142	128645	16.956	ug/l	99
11) Tert butyl alcohol	3.02	59	156332	93.588	ug/l	99
12) 1,1-Dichloroethene	2.36	96	124767	19.015	ug/l	98
13) Acrolein	2.28	56	100236	104.827	ug/l	98
14) Allyl chloride	2.72	41	224303	19.146	ug/l	98
15) Acrylonitrile	3.12	53	374989	96.179	ug/l	100
16) Acetone	2.43	43	365385	72.802	ug/l	100
17) Carbon Disulfide	2.56	76	338943	19.078	ug/l	100
18) Methyl Acetate	2.76	43	190607	19.166	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	431601	20.018	ug/l	98
20) Methylene Chloride	2.84	84	150439	19.035	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	136173	18.838	ug/l	98
22) Diisopropyl ether	3.84	45	465728	19.950	ug/l	96
23) Vinyl Acetate	3.80	43	1977797	103.815	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251102	19.333	ug/l	100
25) 2-Butanone	4.65	43	543150	87.779	ug/l	100
26) 2,2-Dichloropropane	4.57	77	202692	20.100	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	159147	19.467	ug/l	99
28) Bromochloromethane	5.00	49	101627	20.614	ug/l	99
29) Tetrahydrofuran	5.11	42	336944	97.357	ug/l	99
30) Chloroform	5.20	83	244654	19.870	ug/l	99
31) Cyclohexane	5.57	56	230099	19.919	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	207397	19.764	ug/l	99
36) 1,1-Dichloropropene	5.79	75	187049	19.963	ug/l	97
37) Ethyl Acetate	4.81	43	202444	19.566	ug/l	98
38) Carbon Tetrachloride	5.78	117	174890	20.489	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	236036	20.402	ug/l	98
40) Benzene	6.13	78	574035	19.912	ug/l	96
41) Methacrylonitrile	5.02	41	116130	20.229	ug/l	97
42) 1,2-Dichloroethane	6.18	62	196557	20.113	ug/l	99
43) Isopropyl Acetate	6.43	43	341538	19.946	ug/l	99
44) Trichloroethene	7.20	130	160455	20.150	ug/l	98
45) 1,2-Dichloropropane	7.50	63	150152	20.320	ug/l	99
46) Dibromomethane	7.65	93	95516	19.551	ug/l	99
47) Bromodichloromethane	7.89	83	185666	20.179	ug/l	96
48) Methyl methacrylate	7.76	41	164781	19.652	ug/l	100
49) 1,4-Dioxane	7.73	88	71207	417.310	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1053736	97.988	ug/l	99
52) Toluene	8.78	92	361480	19.837	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	207797	20.597	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	232236	20.662	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143957	19.711	ug/l	98
56) Ethyl methacrylate	9.17	69	228014	19.875	ug/l	99
57) 1,3-Dichloropropane	9.36	76	246504	20.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	455135	104.834	ug/l	98
59) 2-Hexanone	9.48	43	803338	92.798	ug/l	100
60) Dibromochloromethane	9.57	129	150051	20.670	ug/l	99
61) 1,2-Dibromoethane	9.67	107	152578	20.419	ug/l	99
64) Tetrachloroethene	9.33	164	157825	19.413	ug/l	98
65) Chlorobenzene	10.13	112	390235	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	144165	20.668	ug/l	98
67) Ethyl Benzene	10.25	91	689827	20.539	ug/l	99
68) m/p-Xylenes	10.35	106	530062	41.034	ug/l	100
69) o-Xylene	10.70	106	253753	20.029	ug/l	98
70) Styrene	10.71	104	430933	20.115	ug/l	98
71) Bromoform	10.85	173	111290	19.849	ug/l #	100
73) Isopropylbenzene	11.01	105	678433	20.656	ug/l	100
74) N-amyl acetate	10.89	43	297128	19.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	221235	19.429	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	182560m	18.026	ug/l	
77) Bromobenzene	11.25	156	180107	19.931	ug/l	95
78) n-propylbenzene	11.35	91	770239	20.907	ug/l	100
79) 2-Chlorotoluene	11.42	91	459476	20.517	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	573554	20.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69518	19.375	ug/l	98
82) 4-Chlorotoluene	11.51	91	526282	20.260	ug/l	99
83) tert-Butylbenzene	11.76	119	562717	20.919	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	571293	20.638	ug/l	100
85) sec-Butylbenzene	11.94	105	659765	20.776	ug/l	100
86) p-Isopropyltoluene	12.06	119	611008	21.034	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	315348	19.911	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	314906	19.555	ug/l	98
89) n-Butylbenzene	12.39	91	526259	21.232	ug/l	99
90) Hexachloroethane	12.59	117	104278	19.986	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	314293	19.713	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45702	18.137	ug/l	97

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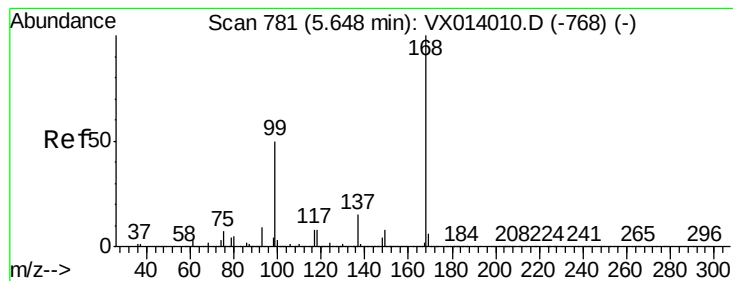
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215739	20.820	ug/l	98
94) Hexachlorobutadiene	13.78	225	104183	20.920	ug/l	96
95) Naphthalene	13.83	128	627355	20.606	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210277	20.557	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion:168 Resp: 682101

Ion Ratio Lower Upper

168 100

99 49.4

40.3

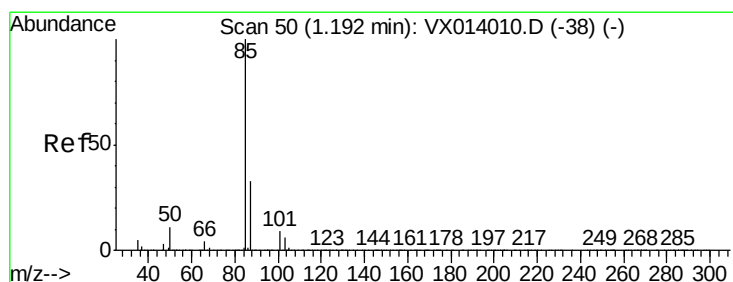
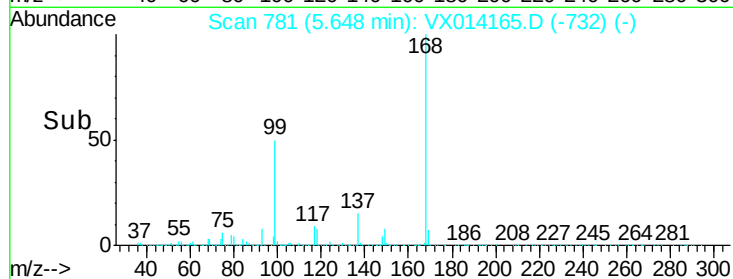
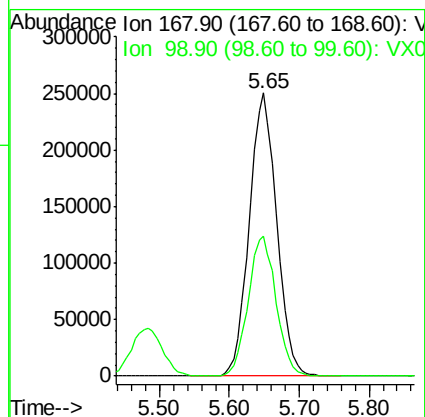
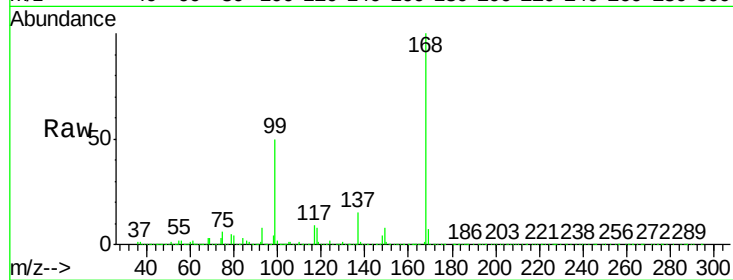
60.5

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#2

Dichlorodifluoromethane

Concen: 18.945 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion: 85 Resp: 115610

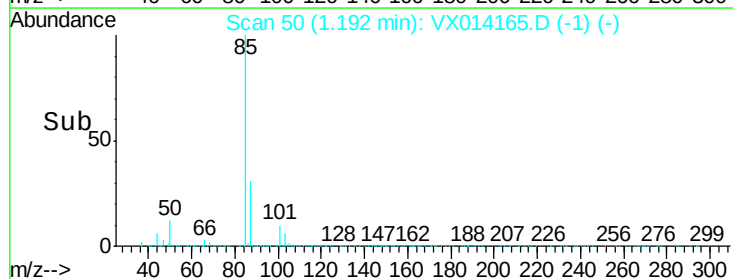
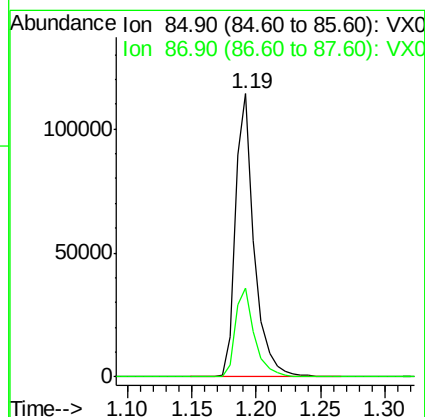
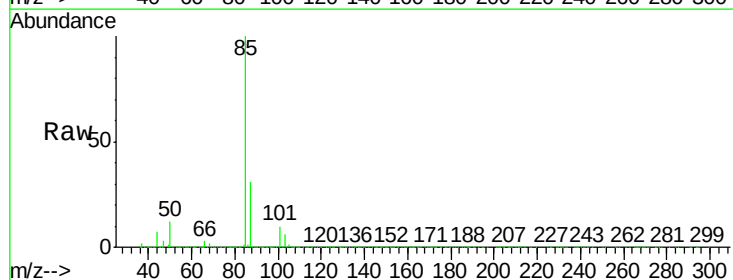
Ion Ratio Lower Upper

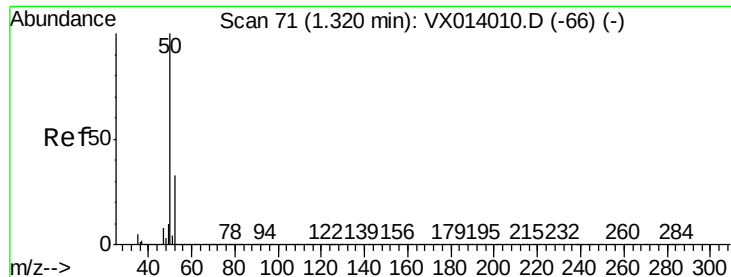
85 100

87 31.1

16.4

49.2





#3

Chloromethane

Concen: 18.250 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 50 Resp: 149454

Ion Ratio Lower Upper

50 100

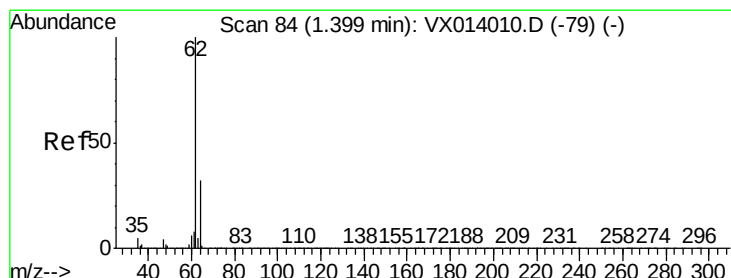
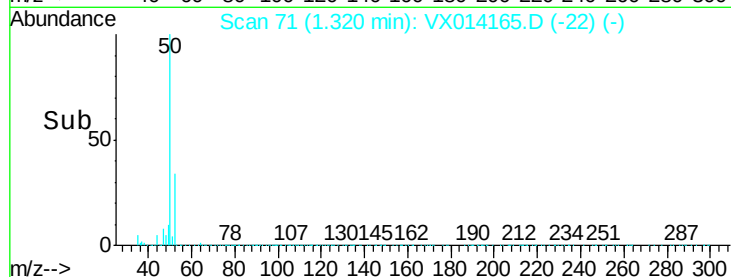
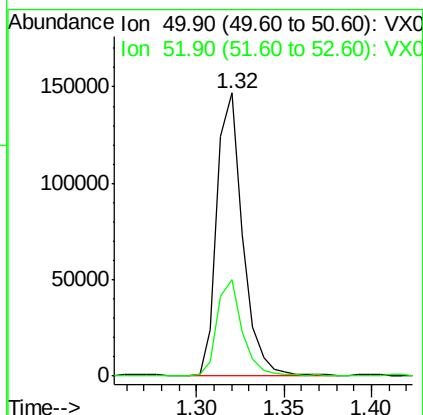
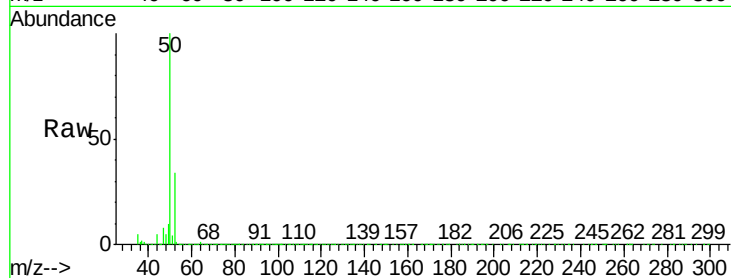
52 33.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.858 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014165.D

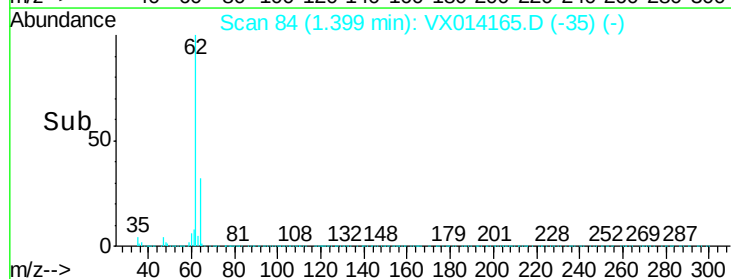
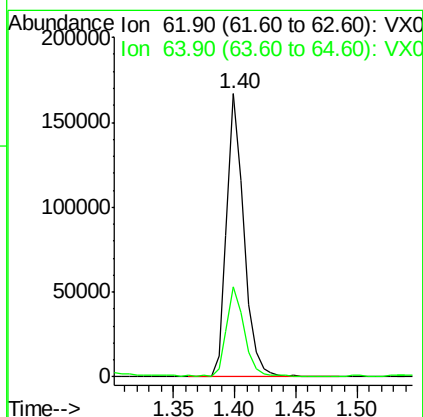
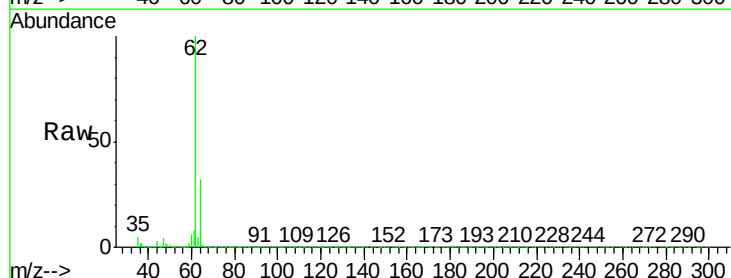
Acq: 20 Dec 2019 11:36

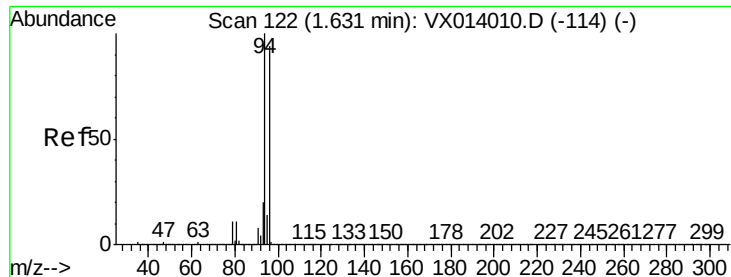
Tgt Ion: 62 Resp: 162956

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 17.561 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

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ClientSampleId :

VX1220WBS01

Tot Ion: 94 Resp: 107705

Ion Ratio Lower Upper

94 100

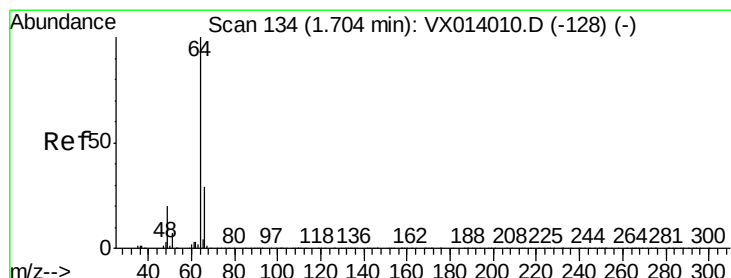
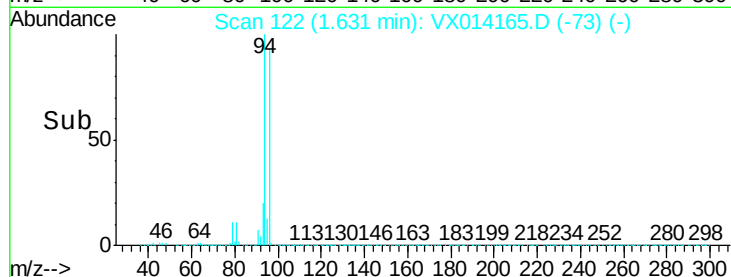
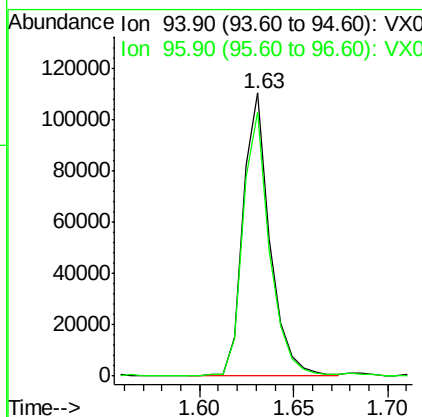
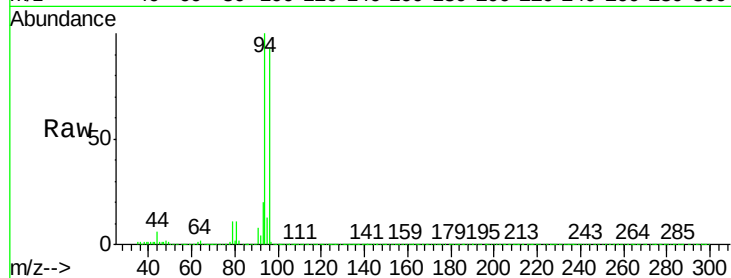
96 93.4 75.2 112.8

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#6

Chloroethane

Concen: 19.865 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014165.D

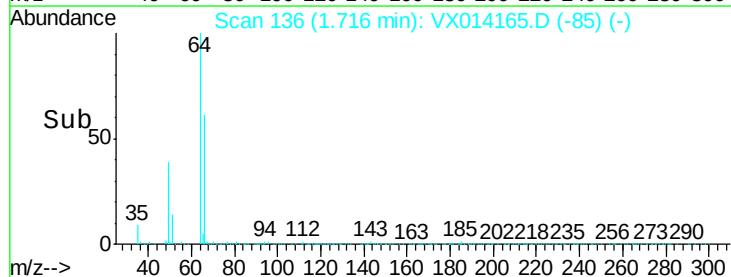
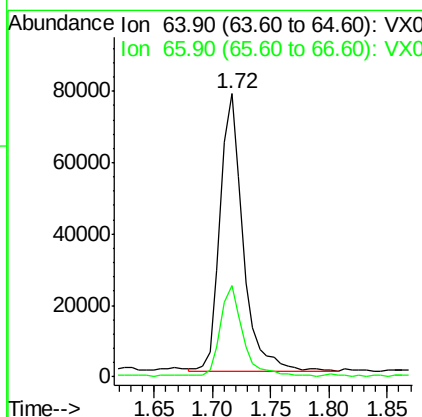
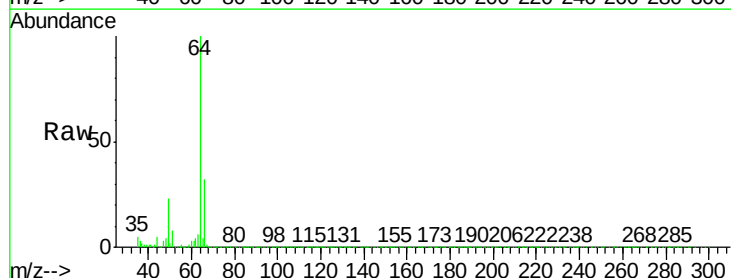
Acq: 20 Dec 2019 11:36

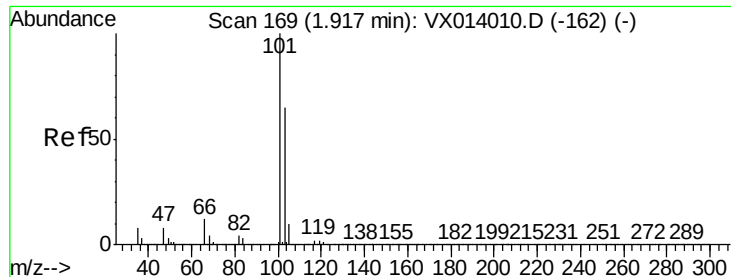
Tgt Ion: 64 Resp: 105945

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.2





#7

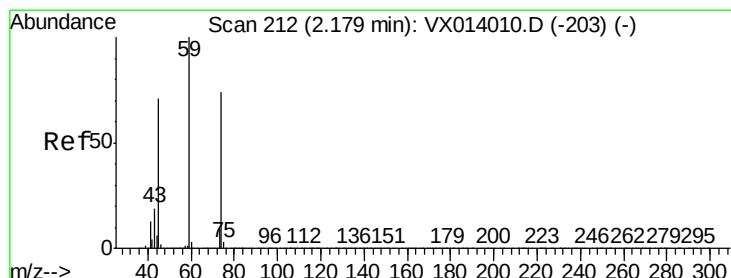
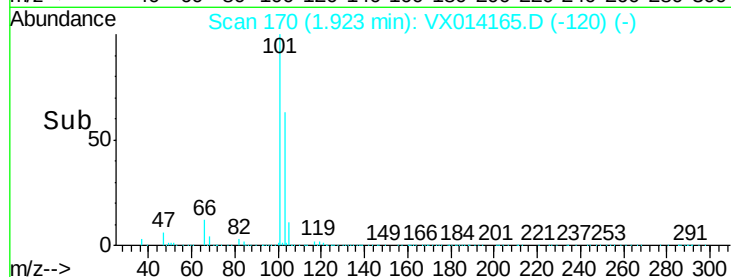
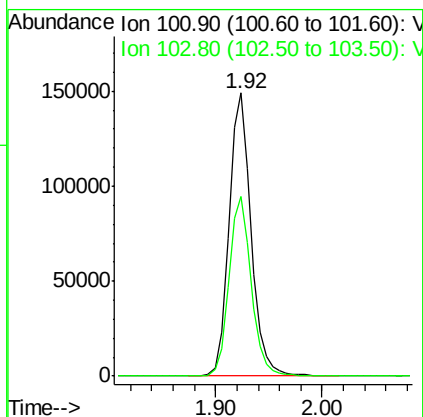
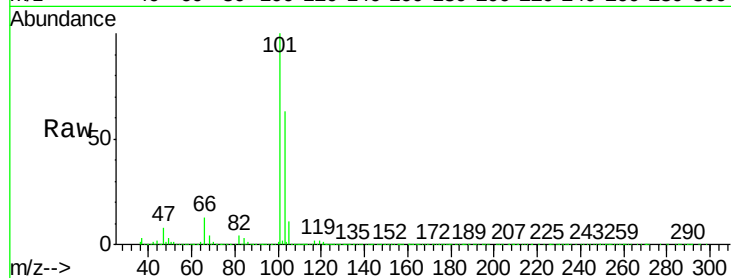
Trichlorofluoromethane
Concen: 20.024 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		214199		
103	63.4		52.2		78.4

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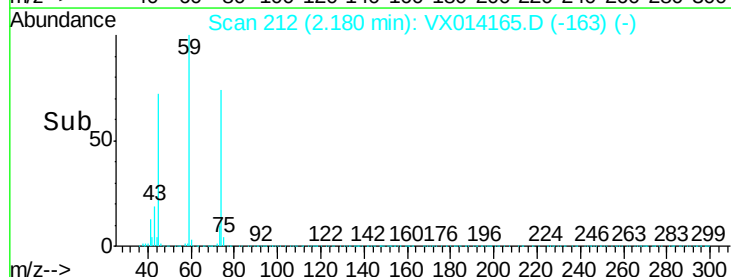
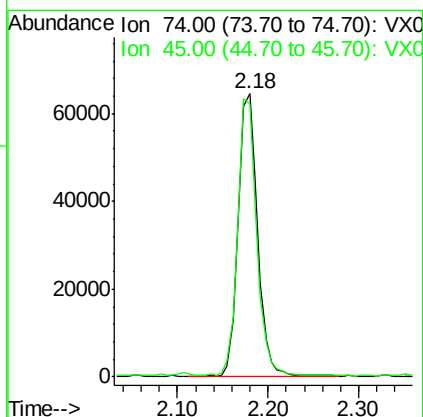
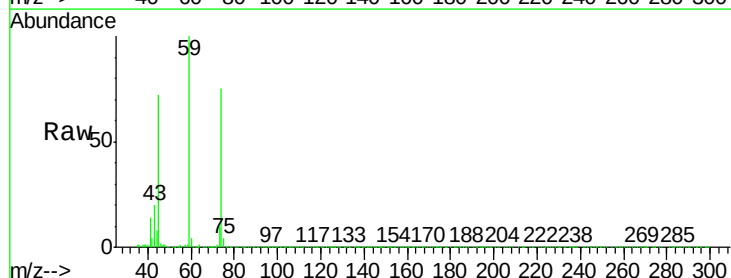
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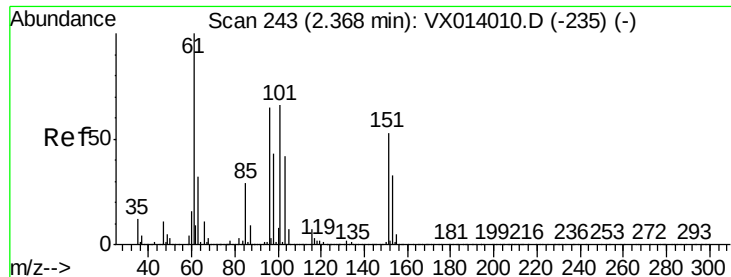


#8

Diethyl Ether
Concen: 19.332 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		97055		
45	94.2		48.1		144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.208 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

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MSVOA_X

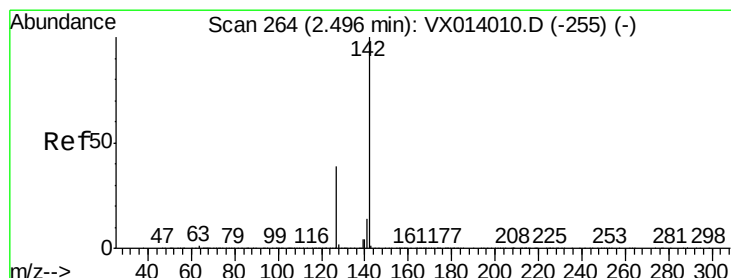
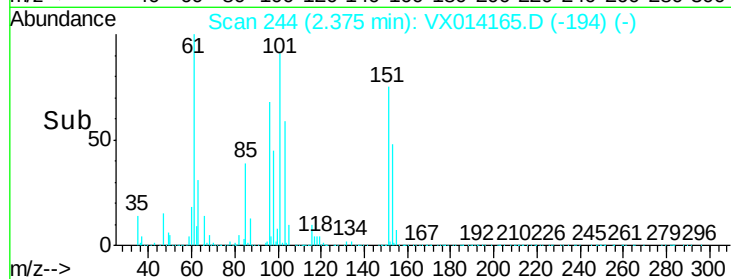
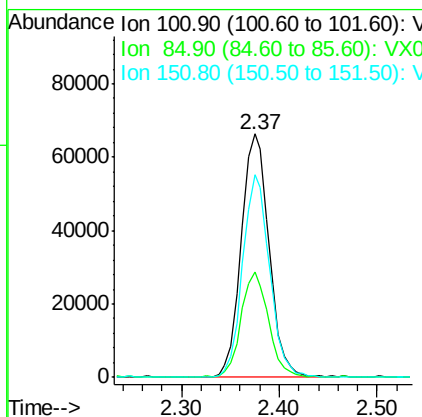
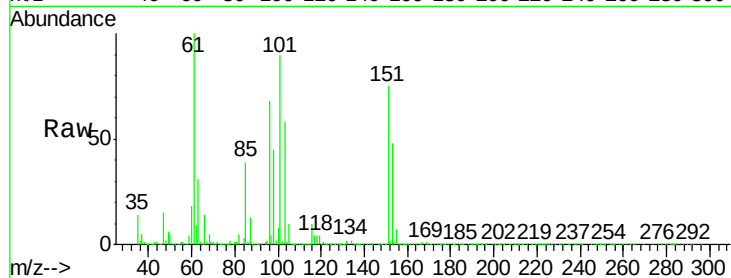
ClientSampleId :

VX1220WBS01

Tot Ion:	101	Resp:	130305
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	80.7	64.5	96.7

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#10

Methyl Iodide

Concen: 16.956 ug/l

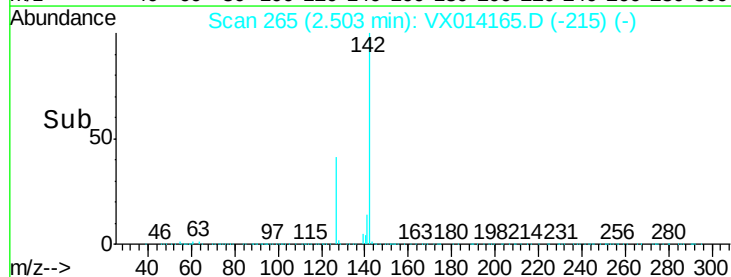
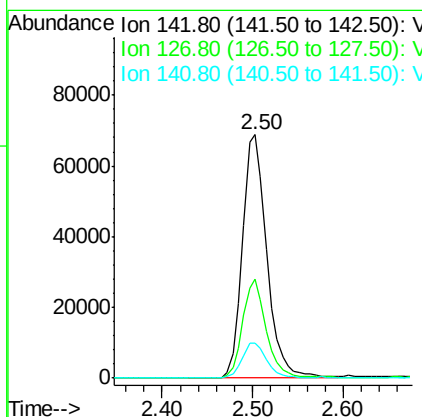
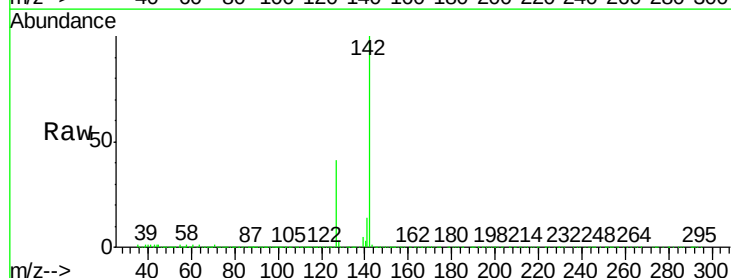
RT: 2.50 min Scan# 265

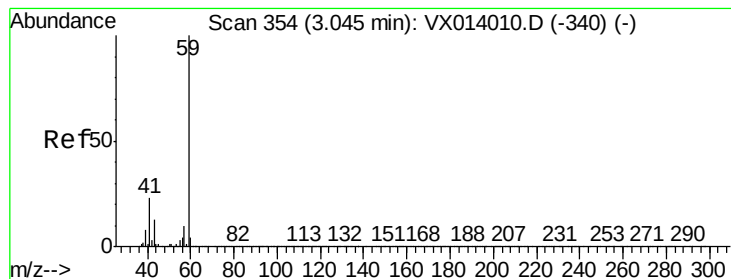
Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	142	Resp:	128645
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.6	47.4
141	14.7	11.6	17.4





#11

Tert butyl alcohol

Concen: 93.588 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 59 Resp: 156332

Ion Ratio Lower Upper

59 100

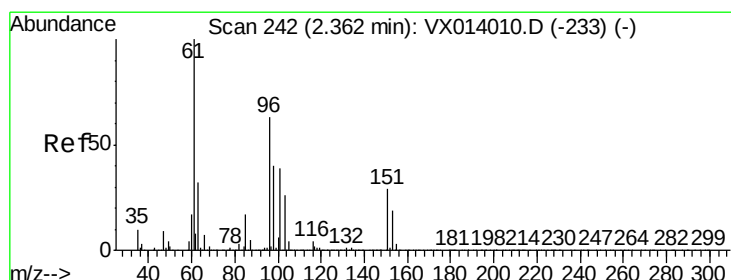
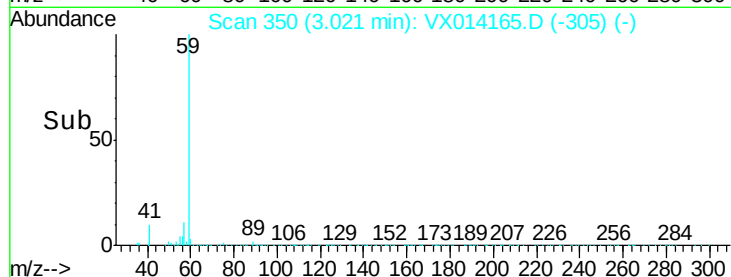
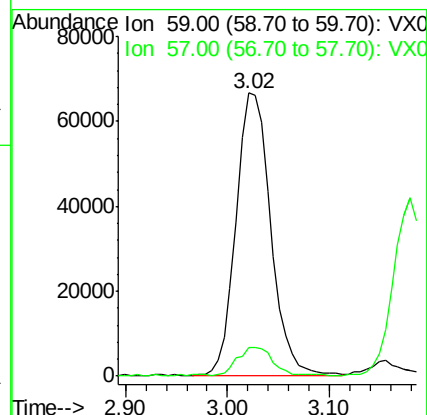
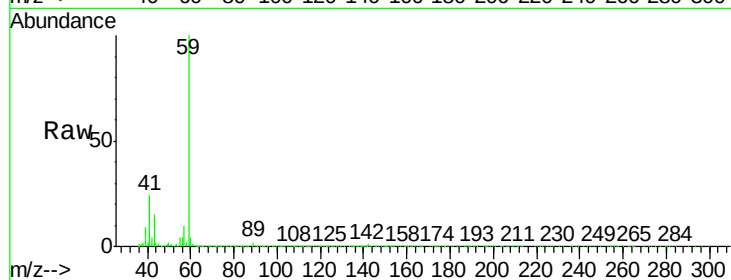
57 10.0 8.4 12.6

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 19.015 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

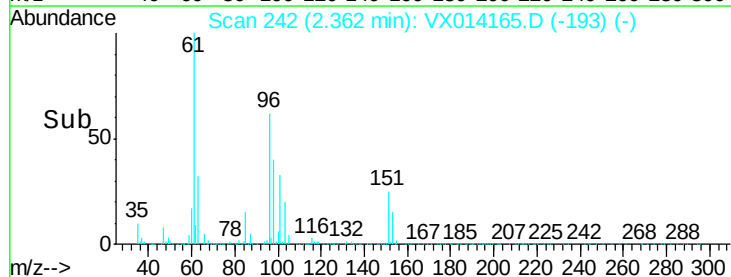
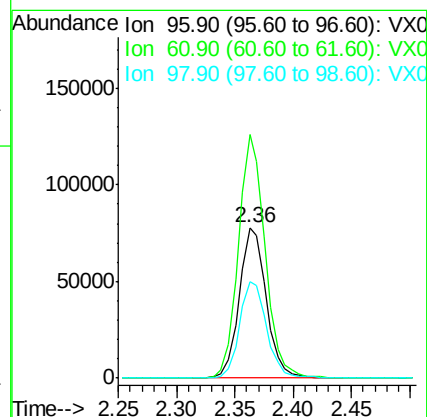
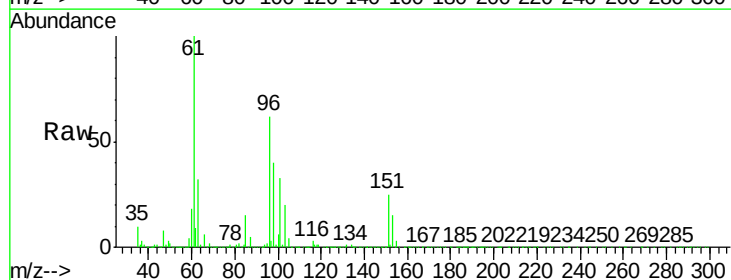
Tgt Ion: 96 Resp: 124767

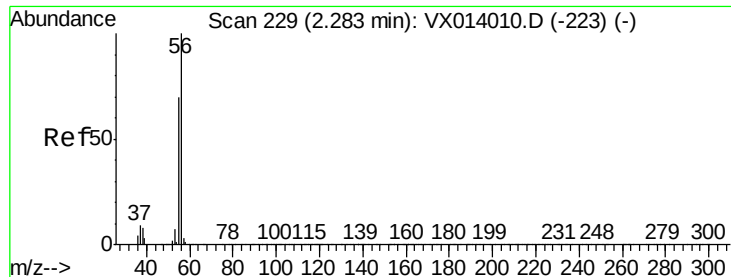
Ion Ratio Lower Upper

96 100

61 161.9 127.9 191.9

98 64.5 50.5 75.7





#13

Acrolein

Concen: 104.827 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 56 Resp: 100236

Ion Ratio Lower Upper

56 100

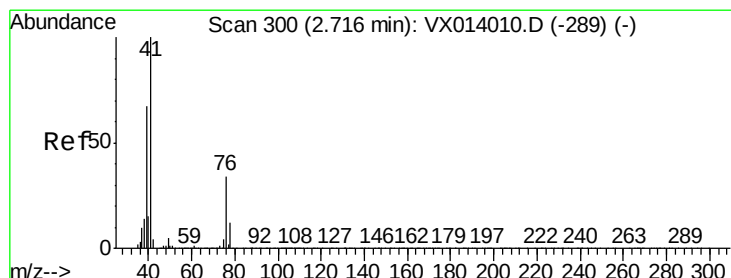
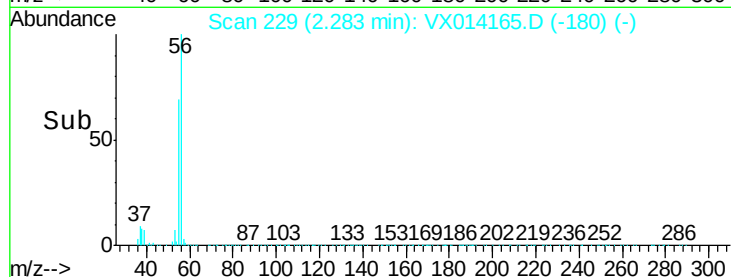
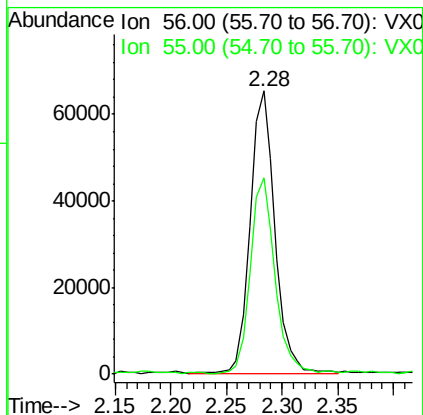
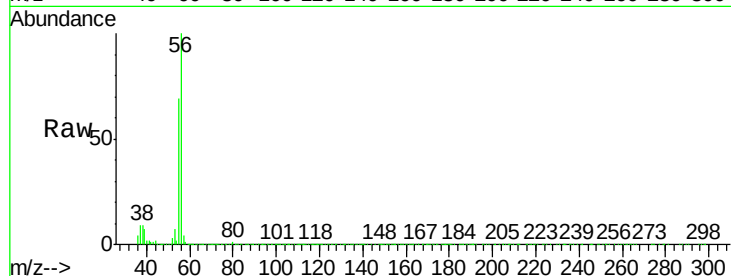
55 69.1 56.9 85.3

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#14

Allyl chloride

Concen: 19.146 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

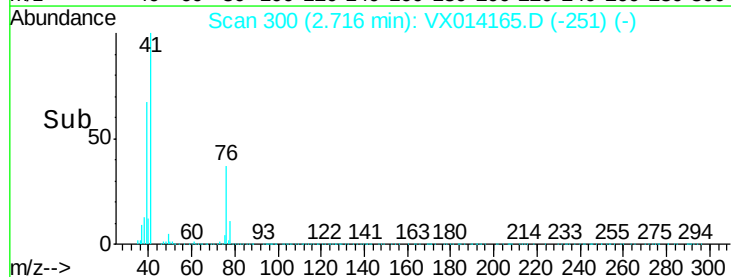
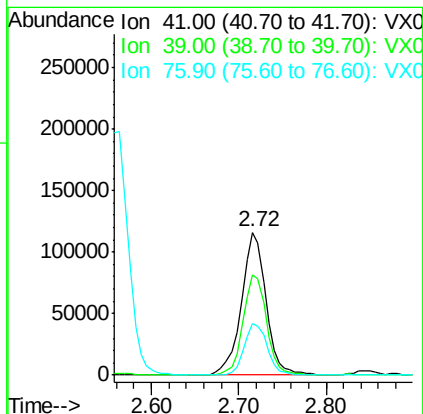
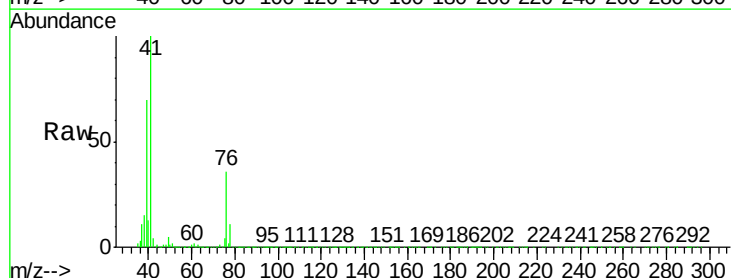
Tgt Ion: 41 Resp: 224303

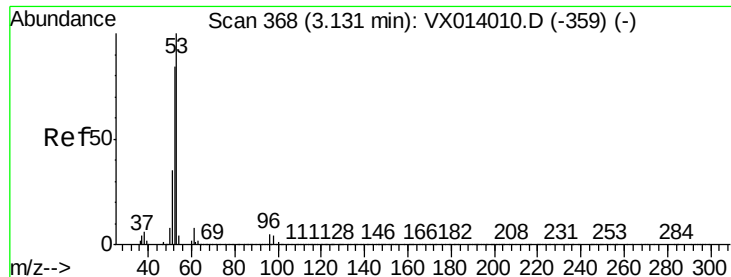
Ion Ratio Lower Upper

41 100

39 66.7 51.8 77.8

76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 96.179 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

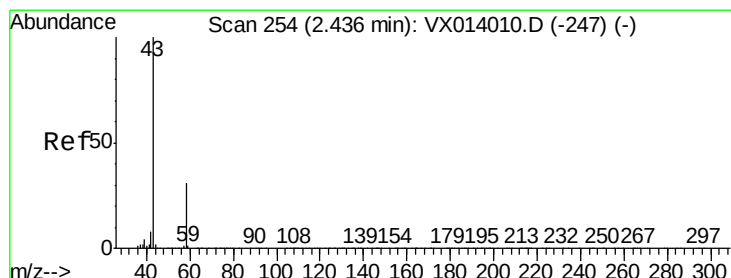
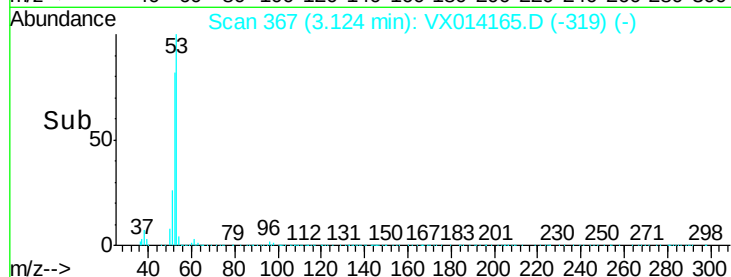
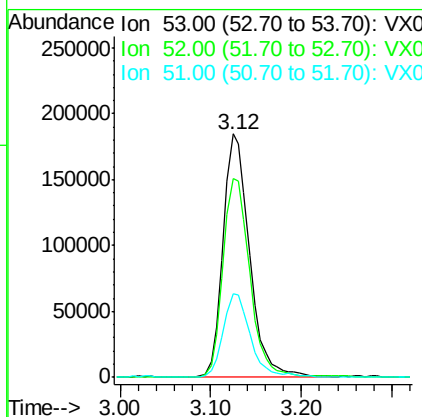
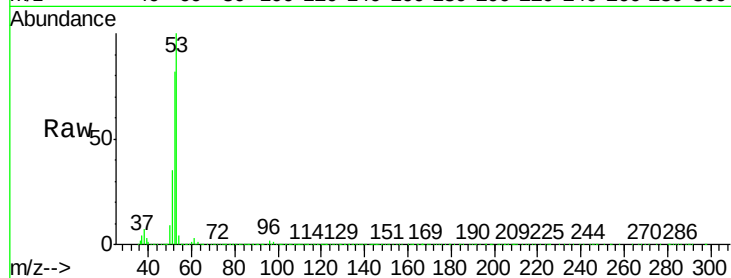
ClientSampleId :

VX1220WBS01

Tot Ion:	53	Resp:	374989
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.9	28.1	42.1

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#16

Acetone

Concen: 72.802 ug/l

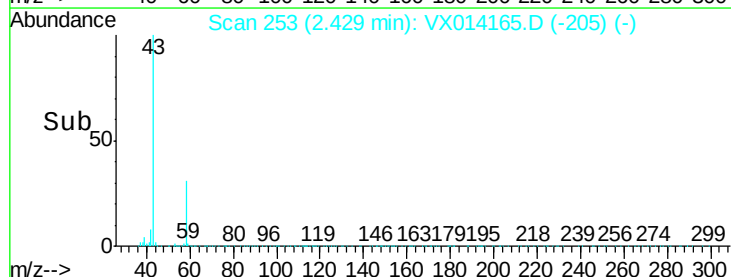
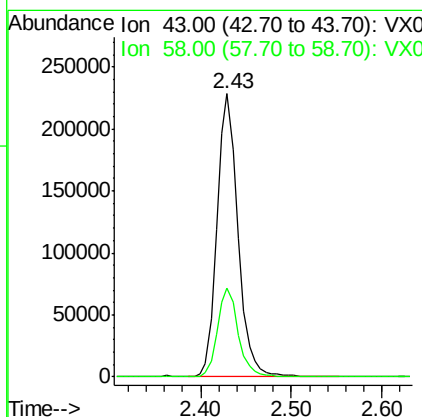
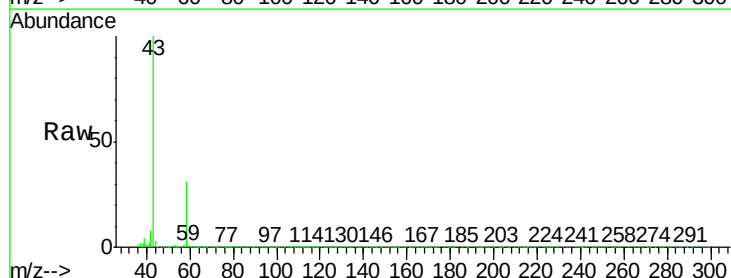
RT: 2.43 min Scan# 253

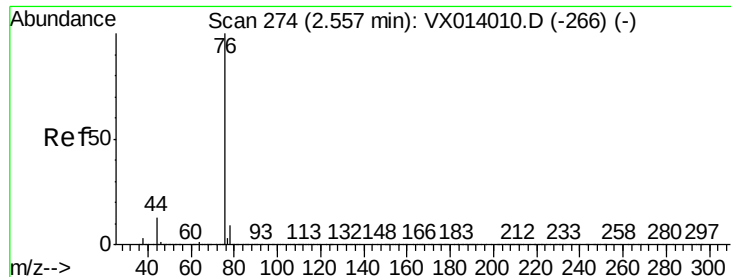
Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	43	Resp:	365385
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 19.078 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 76 Resp: 338943

Ion Ratio Lower Upper

76 100

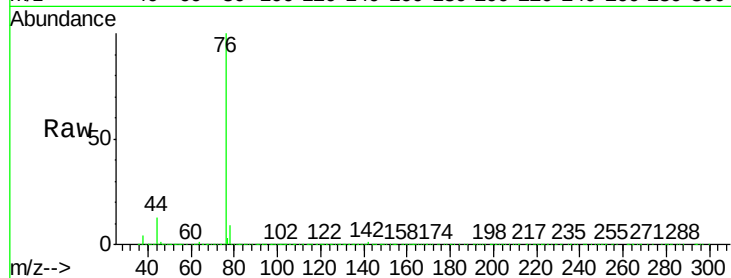
78 9.0 7.2 10.8

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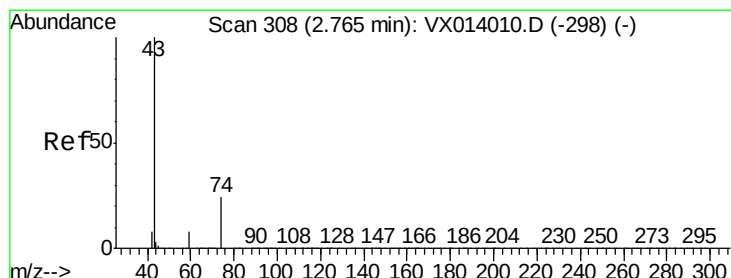
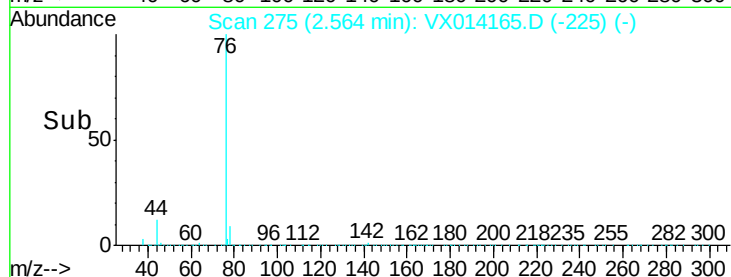
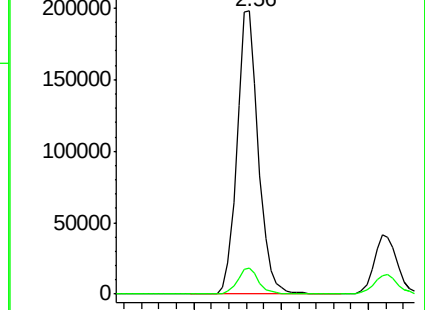
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.166 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014165.D

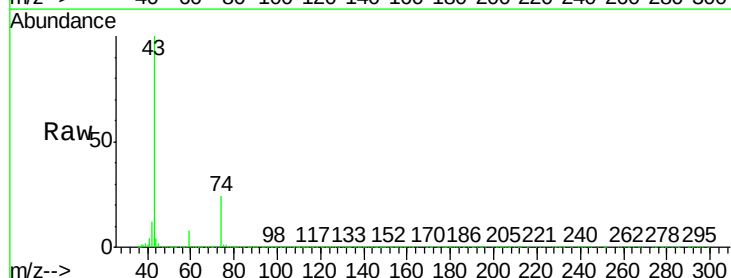
Acq: 20 Dec 2019 11:36

Tgt Ion: 43 Resp: 190607

Ion Ratio Lower Upper

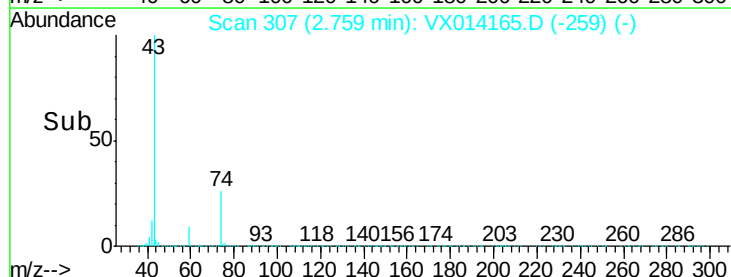
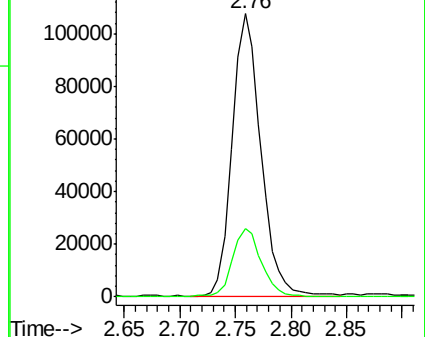
43 100

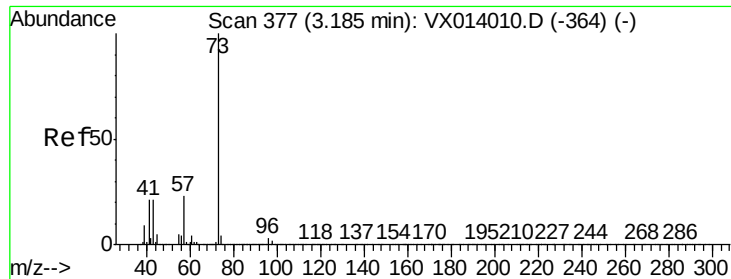
74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





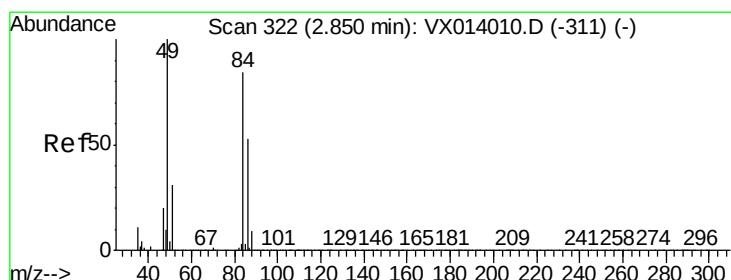
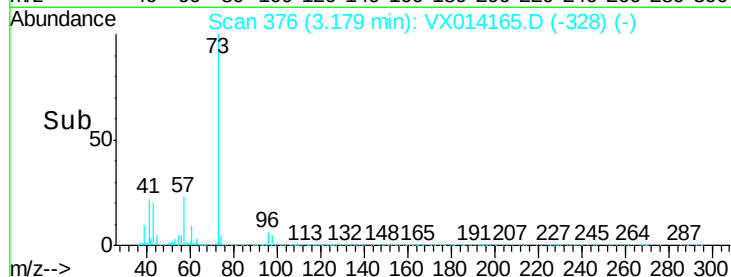
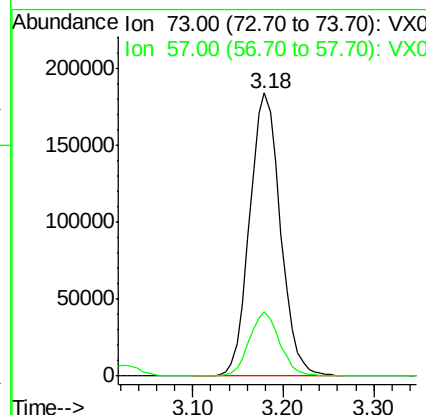
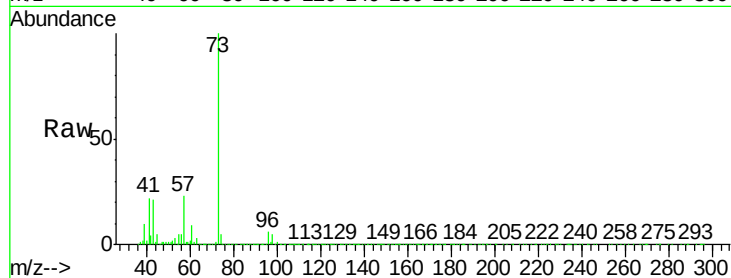
#19
Methyl tert-butyl Ether
Concen: 20.018 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.8	28.2

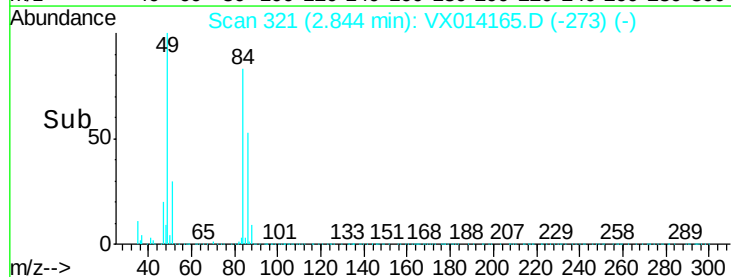
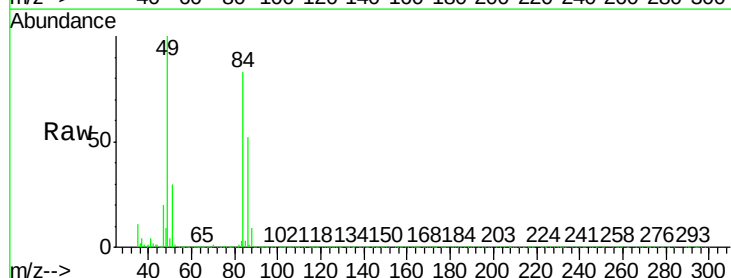
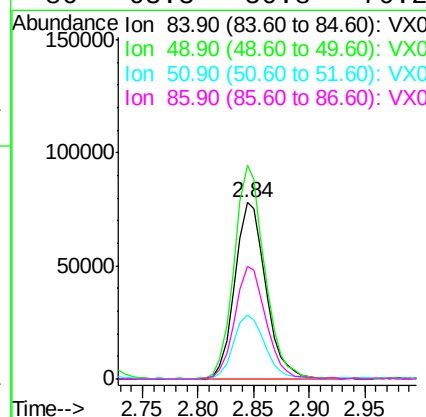
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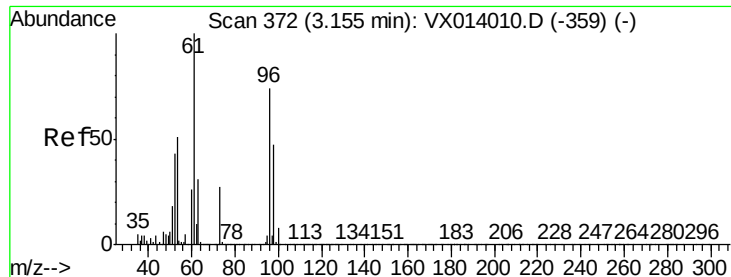
apatel
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#20
Methylene Chloride
Concen: 19.035 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	95.8	143.6
51	35.8	29.8	44.8
86	63.3	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

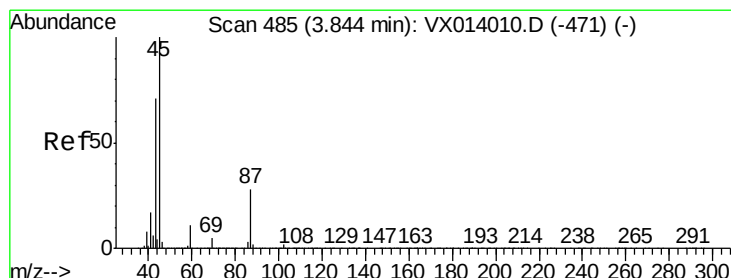
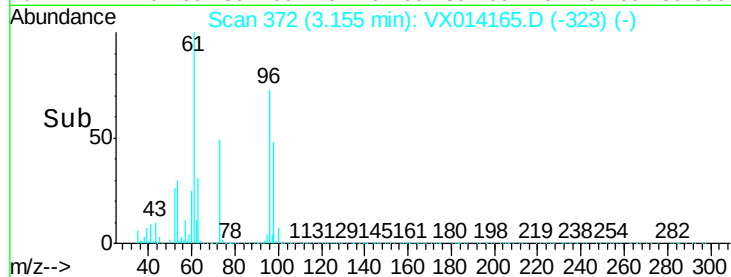
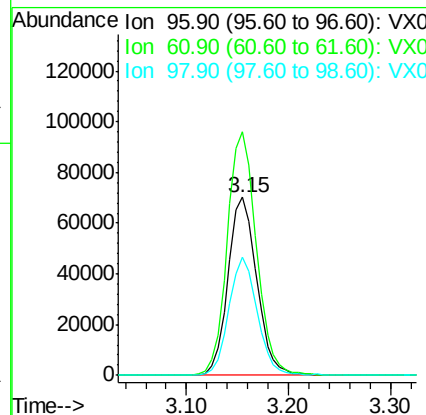
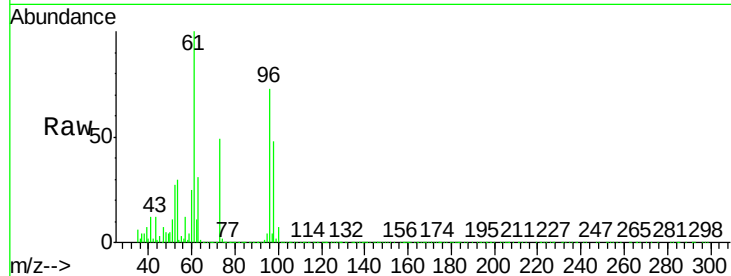
ClientSampleId :

VX1220WBS01

Tot Ion:	96	Resp:	136173
Ion Ratio	Lower	Upper	
96	100		
61	136.7	108.3	162.5
98	66.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.950 ug/l

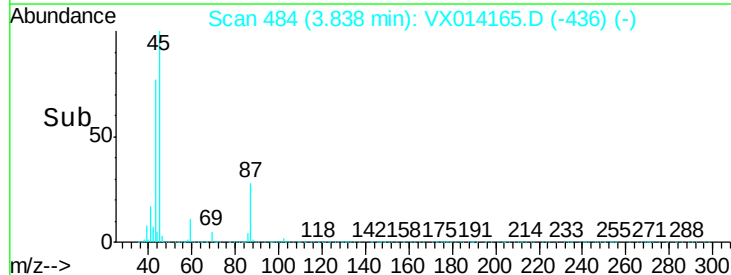
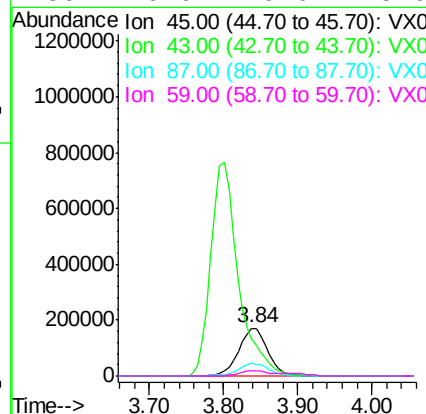
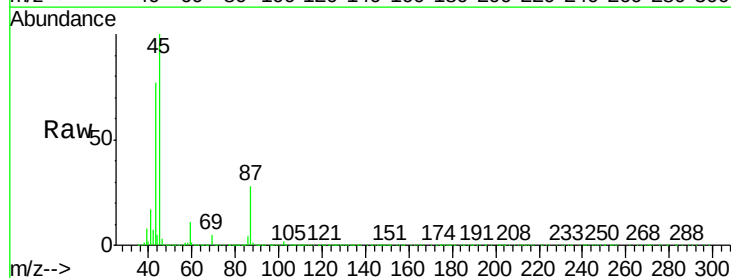
RT: 3.84 min Scan# 484

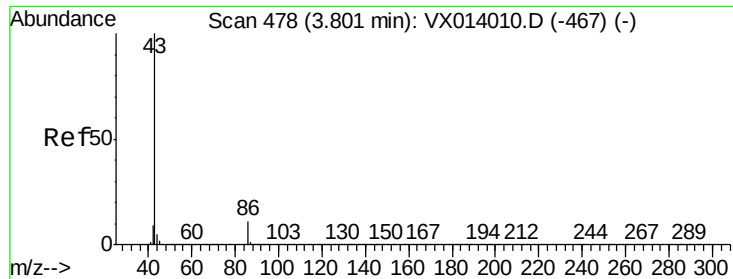
Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	45	Resp:	465728
Ion Ratio	Lower	Upper	
45	100		
43	76.0	57.4	86.0
87	27.9	21.9	32.9
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 103.815 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 43 Resp: 1977797

Ion Ratio Lower Upper

43 100

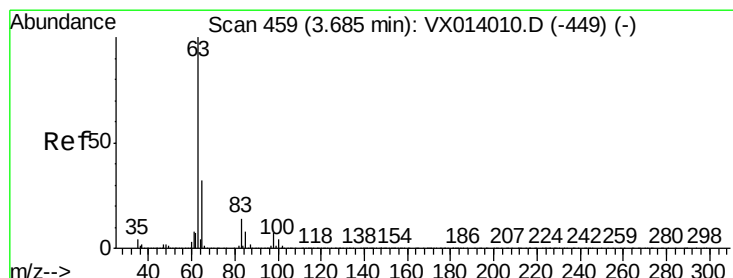
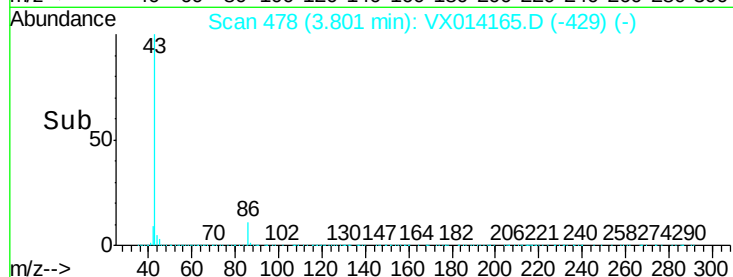
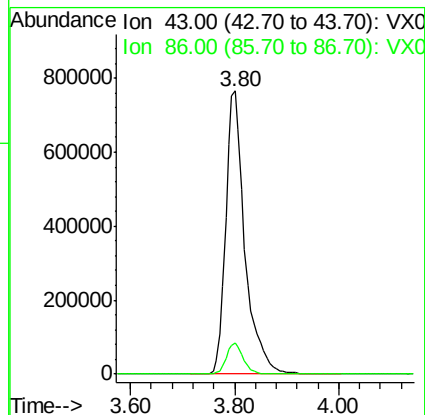
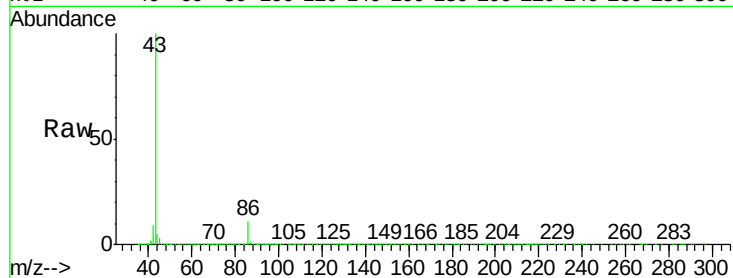
86 10.9 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.333 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

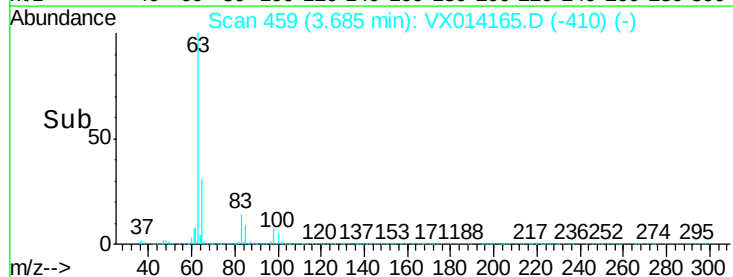
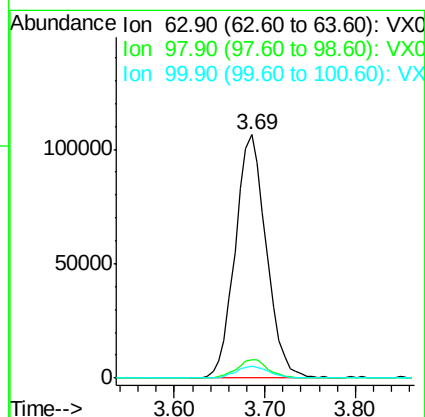
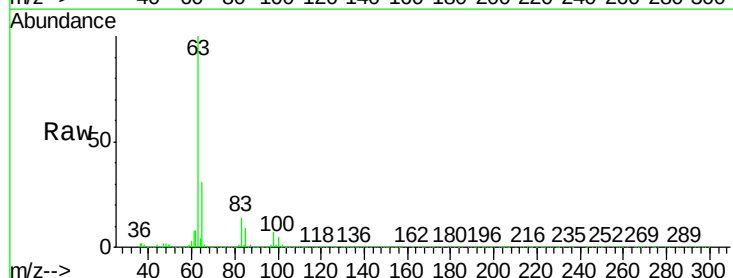
Tgt Ion: 63 Resp: 251102

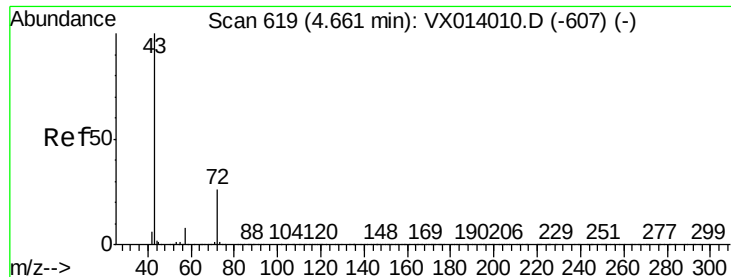
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 87.779 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 43 Resp: 543150

Ion Ratio Lower Upper

43 100

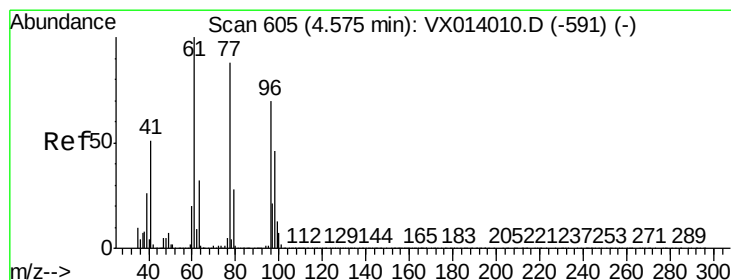
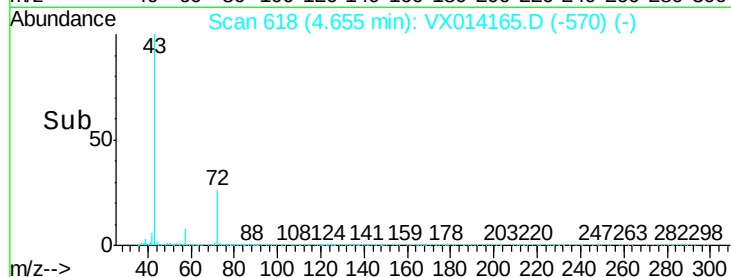
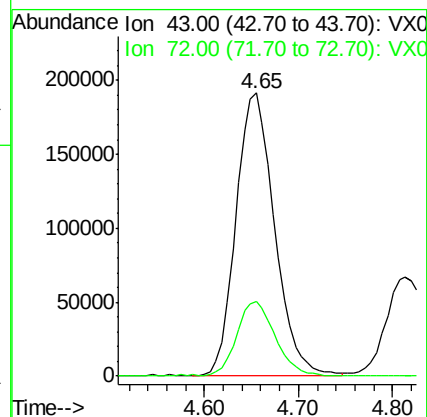
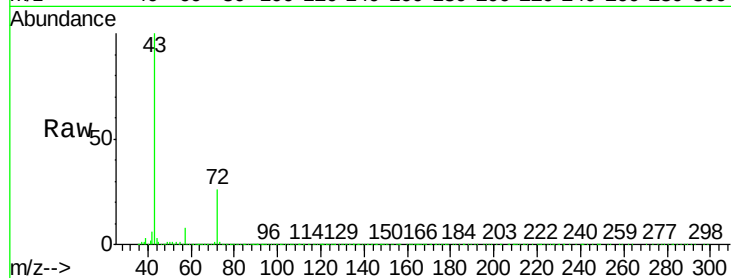
72 26.1 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.100 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014165.D

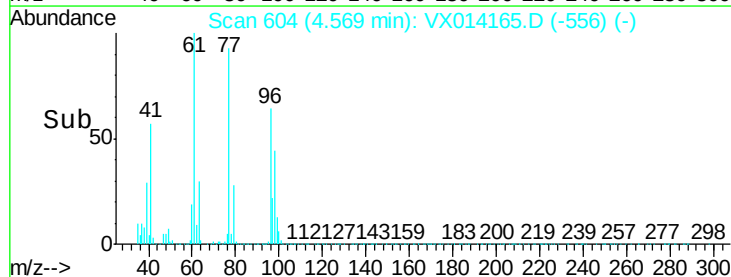
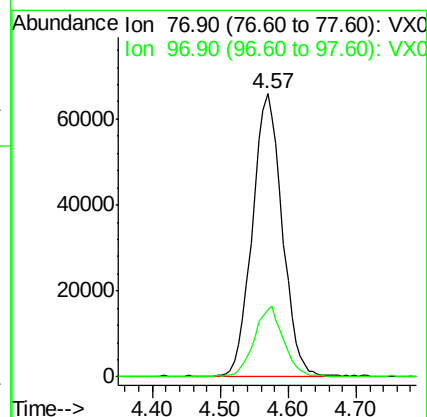
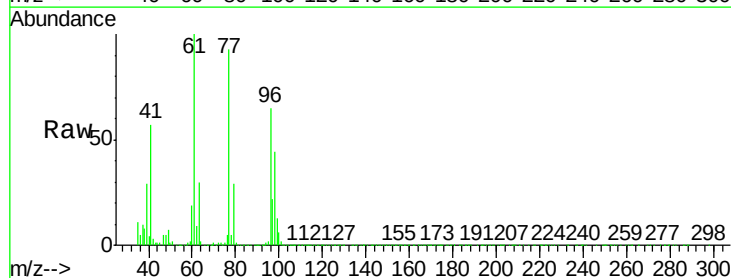
Acq: 20 Dec 2019 11:36

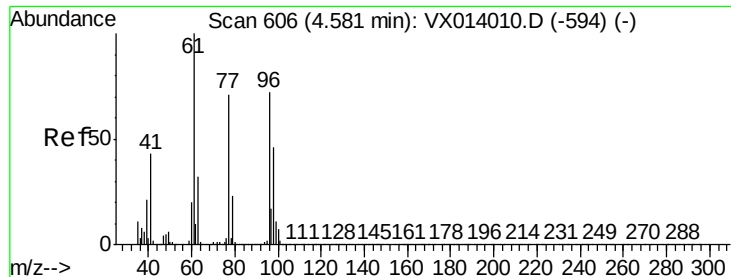
Tgt Ion: 77 Resp: 202692

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9





#27

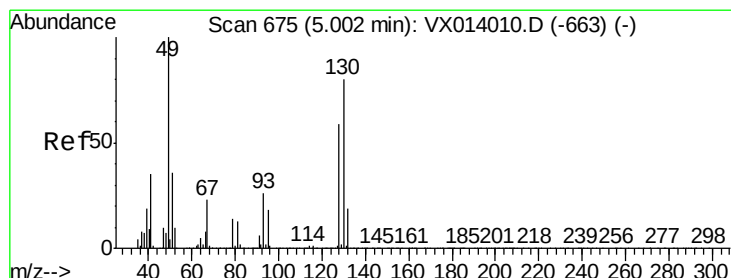
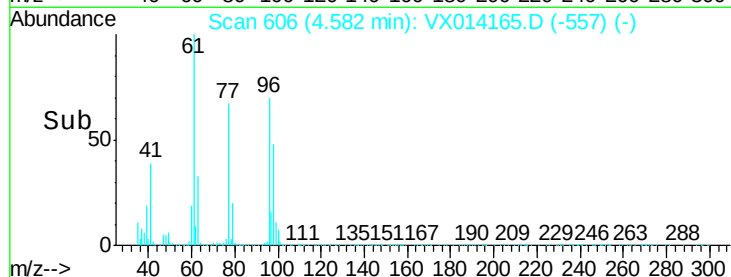
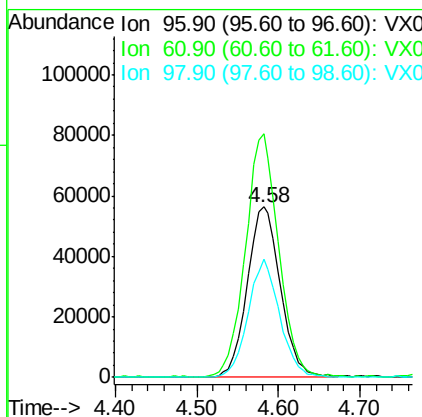
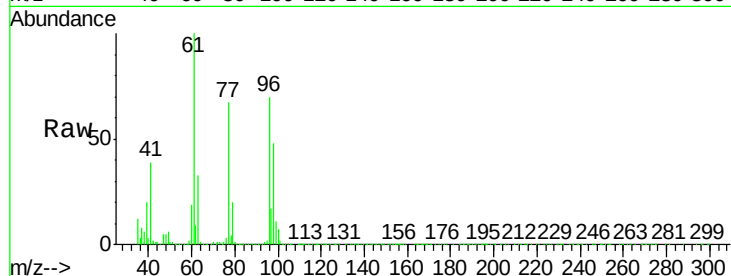
cis-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159147		
61	142.3	0.0	288.4	
98	65.5	0.0	129.6	

Manual Integrations
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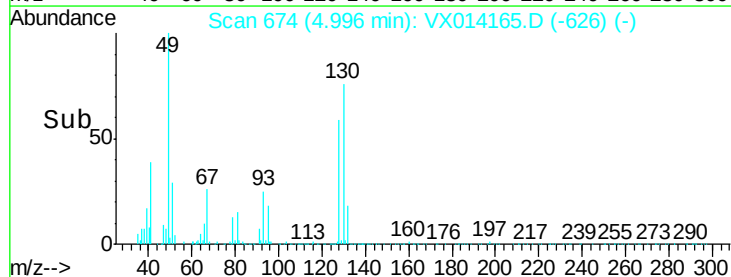
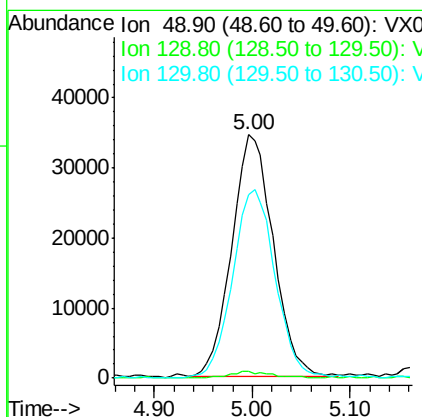
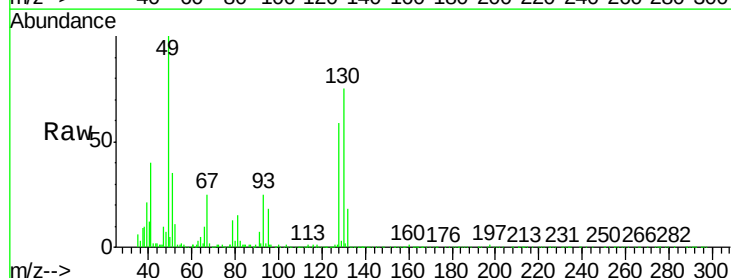
apatel
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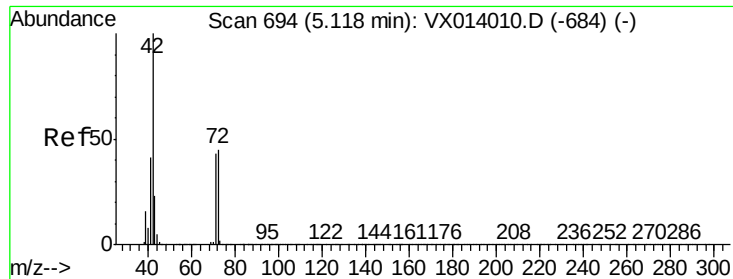


#28

Bromochloromethane
Concen: 20.614 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101627		
129	2.8	0.0	5.0	
130	79.6	64.6	97.0	





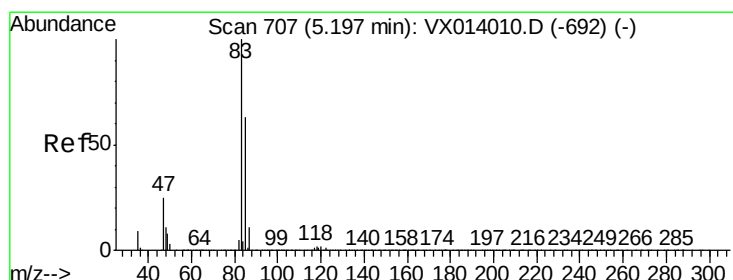
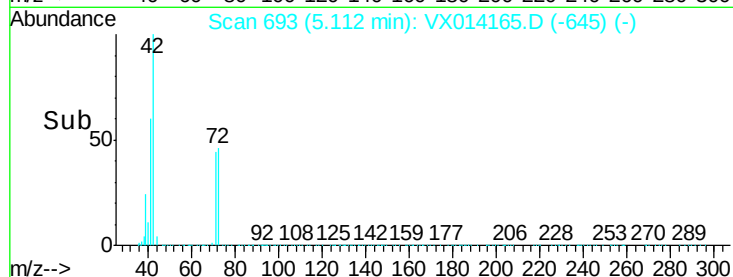
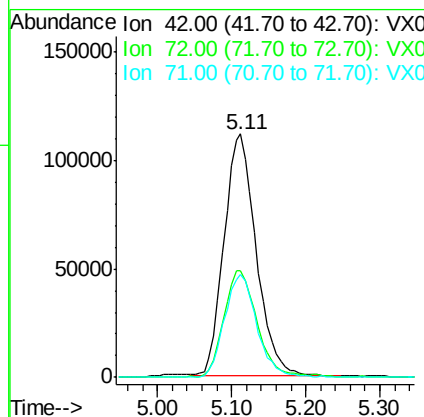
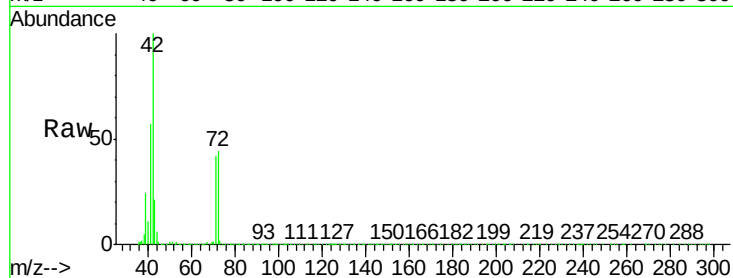
#29
Tetrahydrofuran
Concen: 97.357 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.8	53.8
71	42.9	33.6	50.4

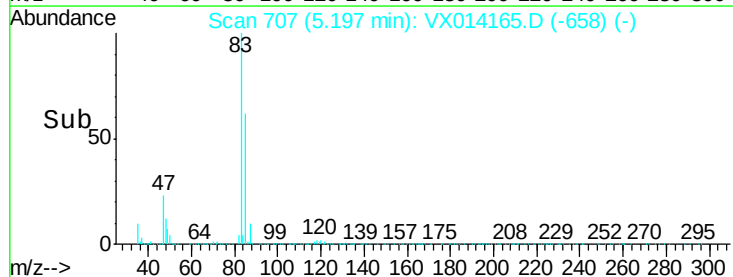
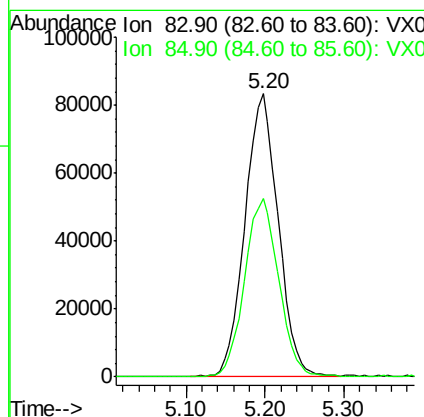
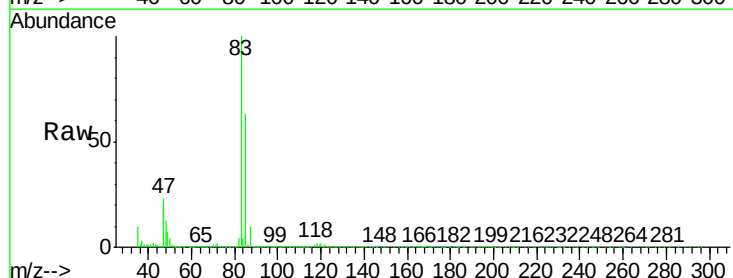
Manual Integrations
APPROVED

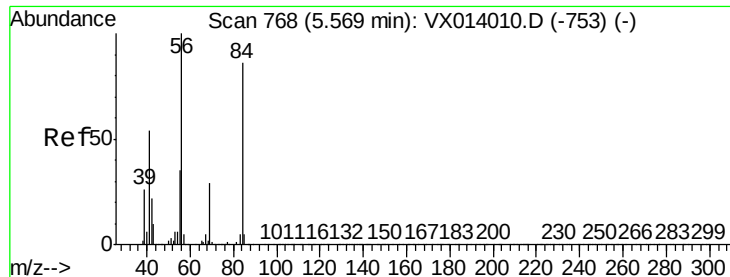
apatel
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#30
Chloroform
Concen: 19.870 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.8	76.2





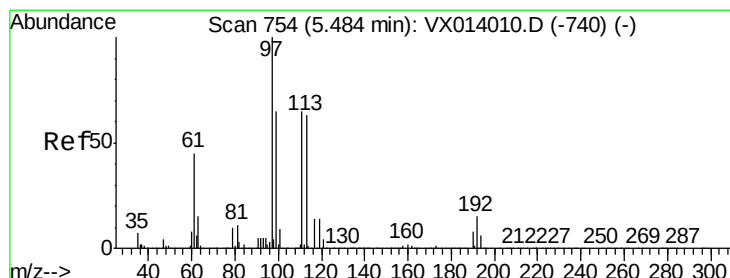
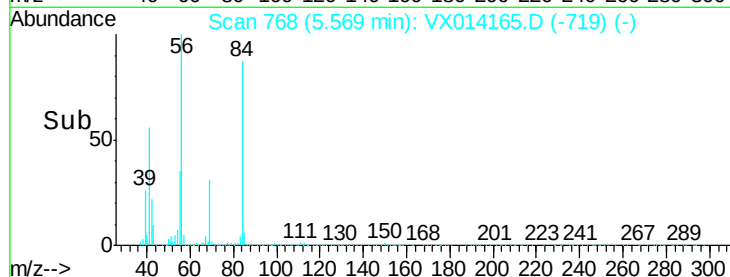
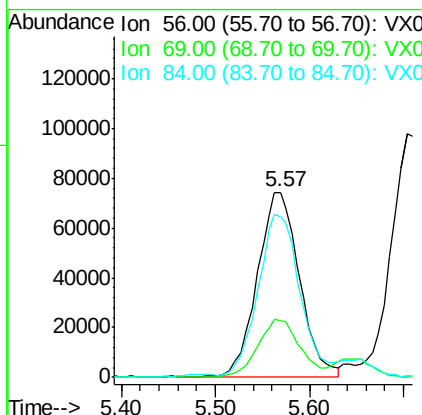
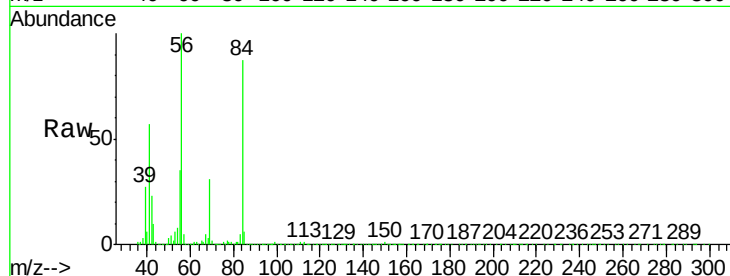
#31
Cyclohexane
Concen: 19.919 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.2	34.8
84	85.7	69.2	103.8

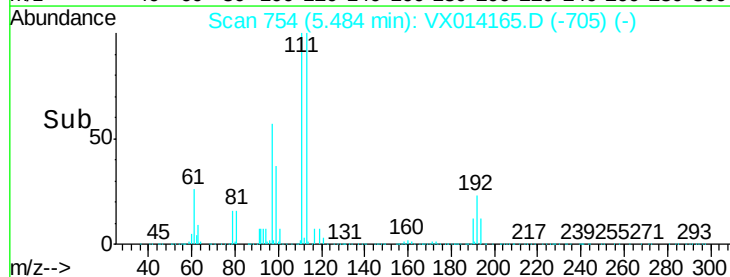
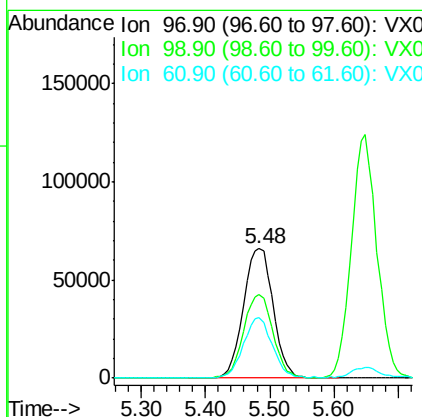
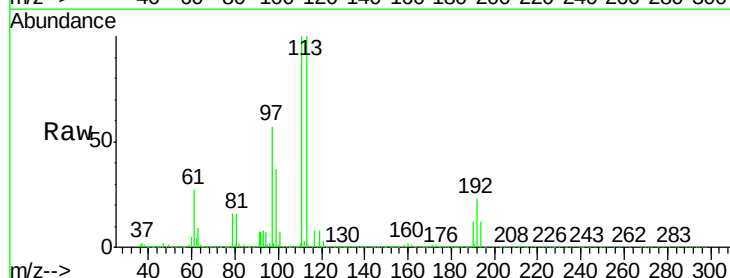
Manual Integrations
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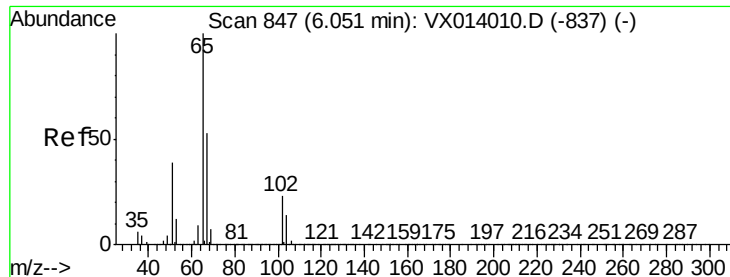
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#32
1,1,1-Trichloroethane
Concen: 19.764 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	44.9	36.7	55.1





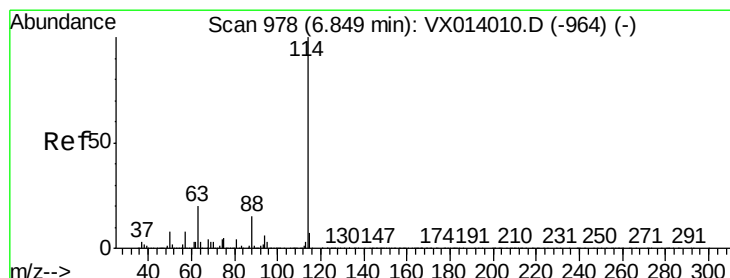
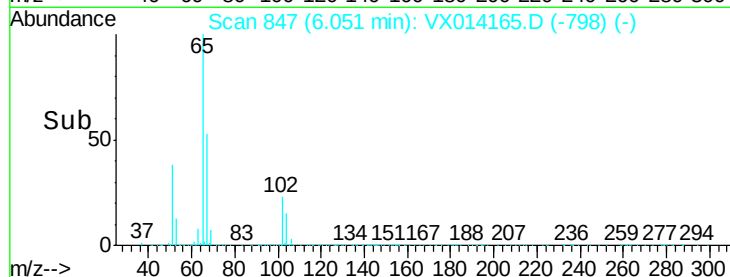
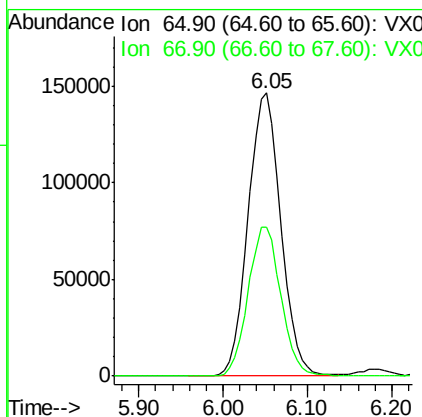
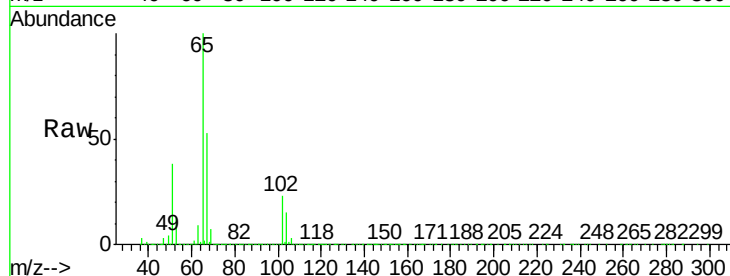
#33
 1,2-Dichloroethane-d4
 Concen: 50.053 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	106.4	

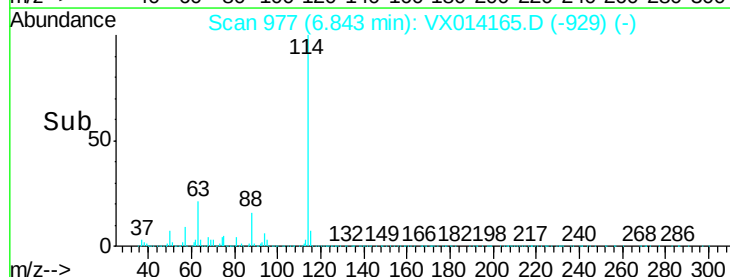
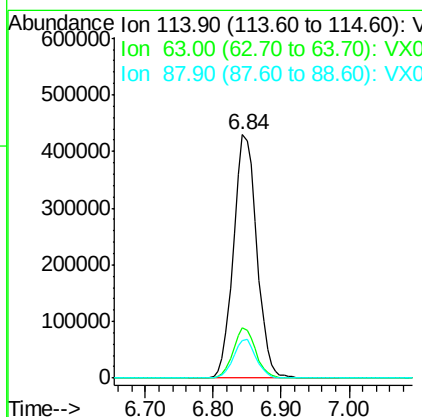
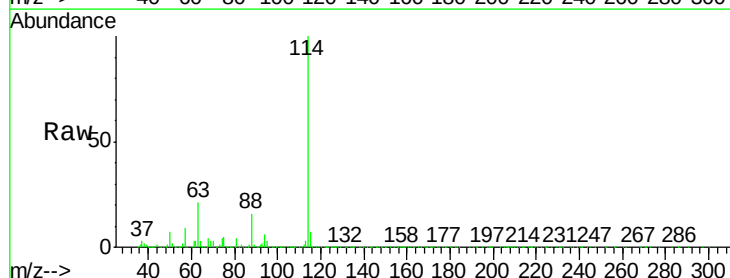
Manual Integrations
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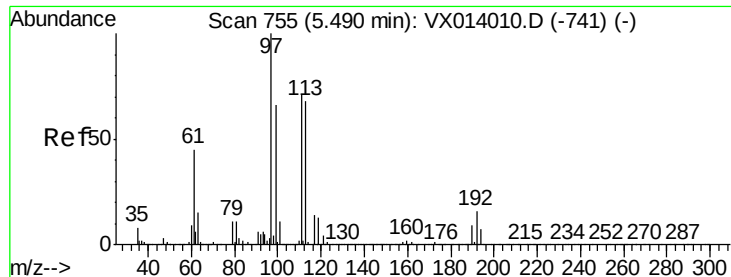
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	40.8	
88	15.5	0.0	30.4	





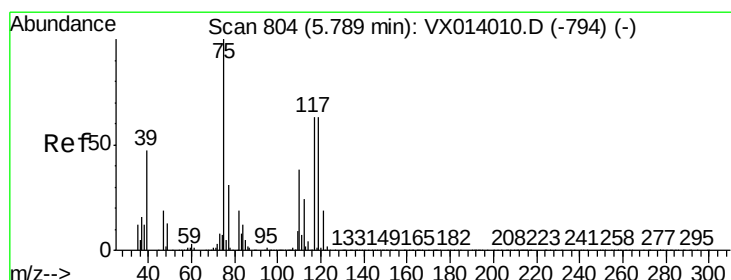
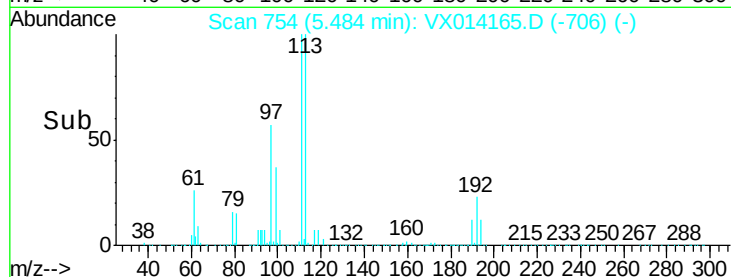
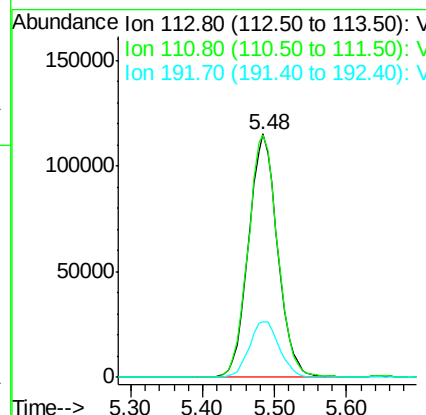
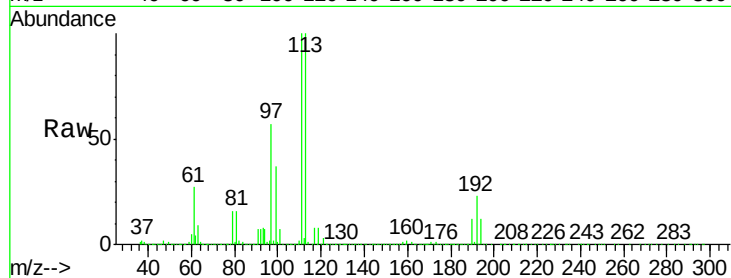
#35
Dibromofluoromethane
Concen: 51.758 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	321289		
111	100.8	82.0	123.0	
192	23.9	19.3	28.9	

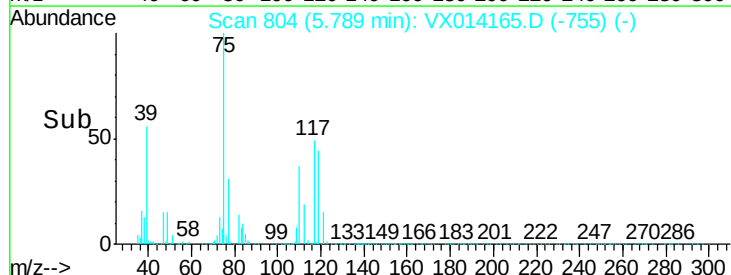
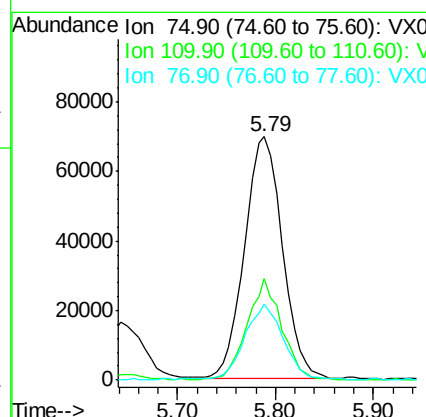
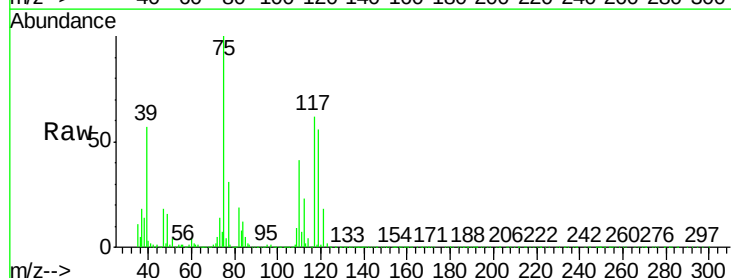
Manual Integrations
APPROVED

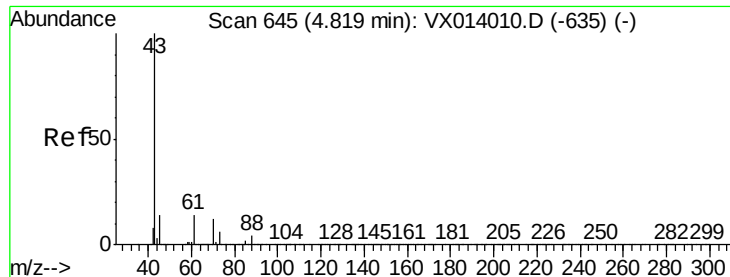
apatel
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#36
1,1-Dichloropropene
Concen: 19.963 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	187049		
110	38.2	18.3	54.9	
77	32.3	24.8	37.2	





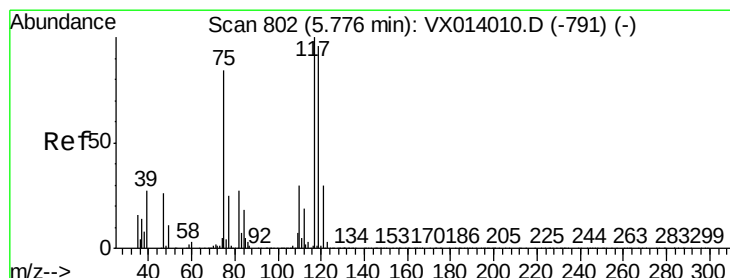
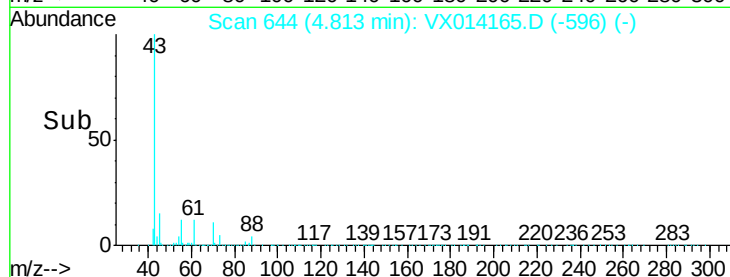
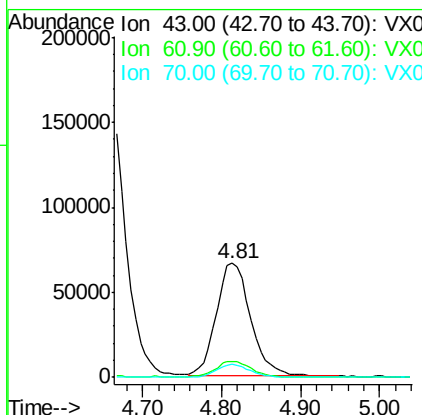
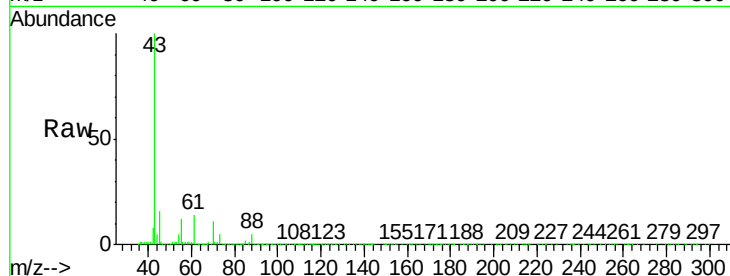
#37
Ethyl Acetate
Concen: 19.566 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.8	16.2
70	11.6	8.6	12.8

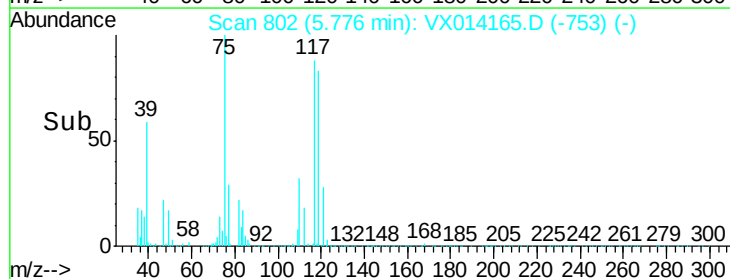
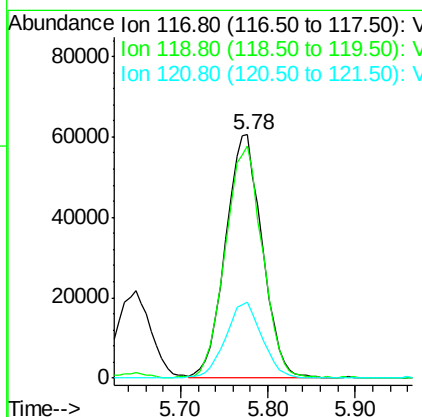
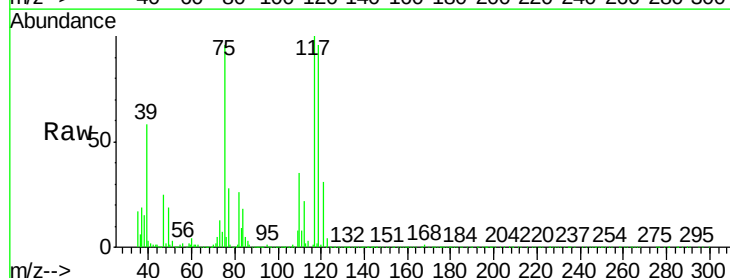
Manual Integrations
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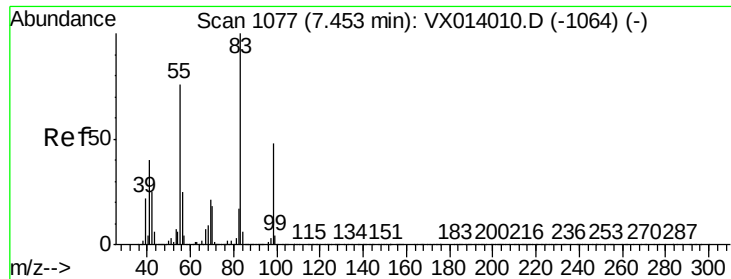
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#38
Carbon Tetrachloride
Concen: 20.489 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.4
121	31.1	23.6	35.4





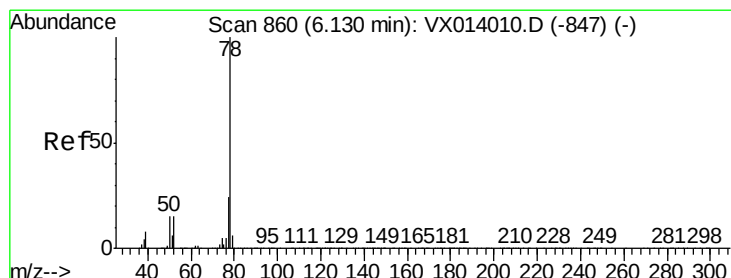
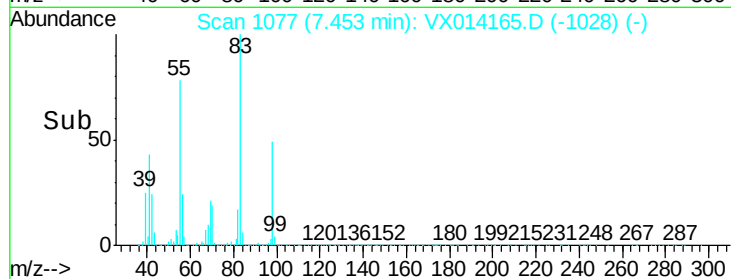
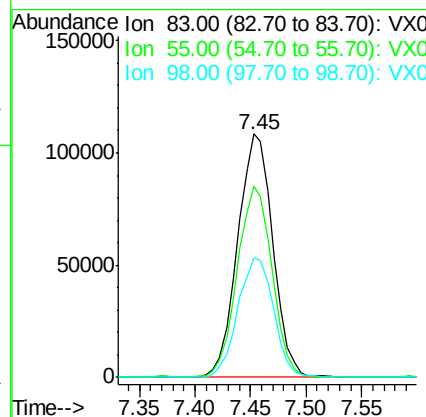
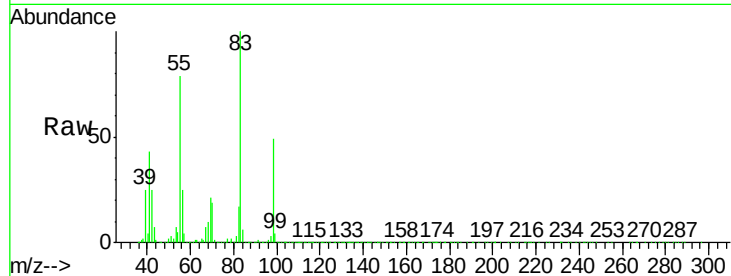
#39
Methylvlcyclohexane
Concen: 20.402 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.0	91.6
98	49.1	38.6	57.8

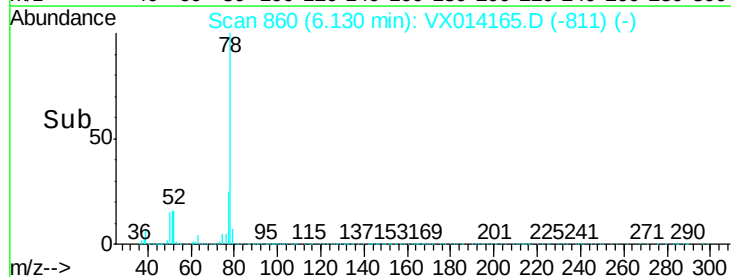
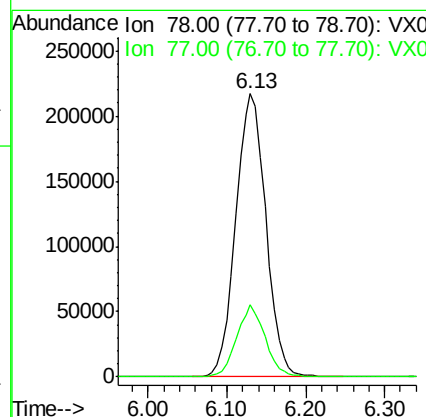
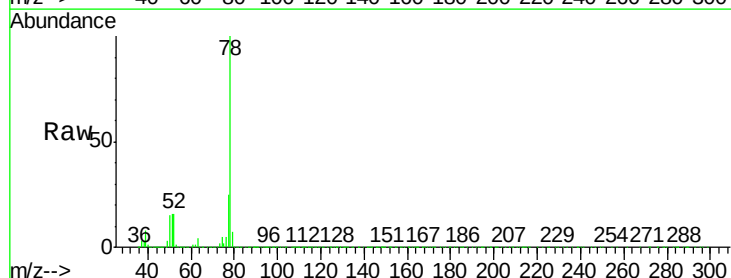
Manual Integrations
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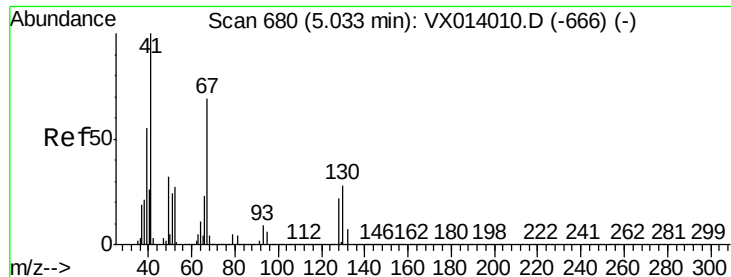
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#40
Benzene
Concen: 19.912 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





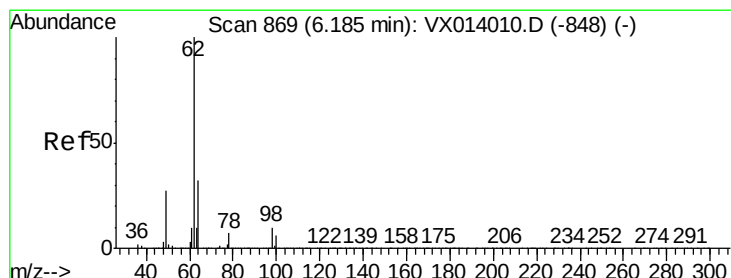
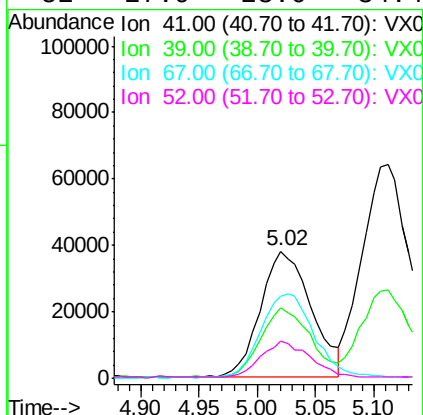
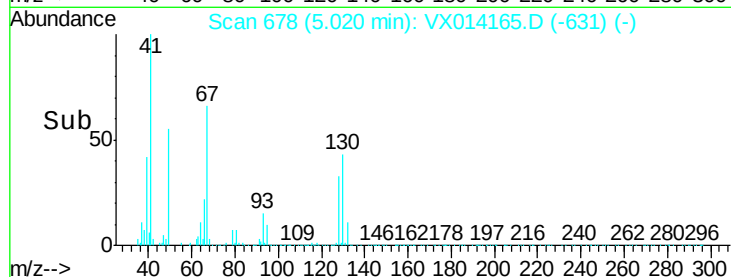
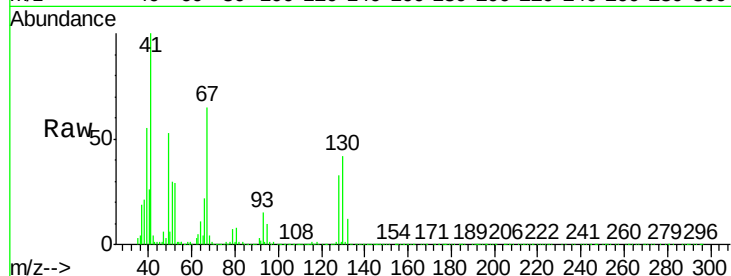
#41
Methacrylonitrile
Concen: 20.229 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.6	44.5	66.7		
67	68.9	57.4	86.0		
52	27.9	23.0	34.4		

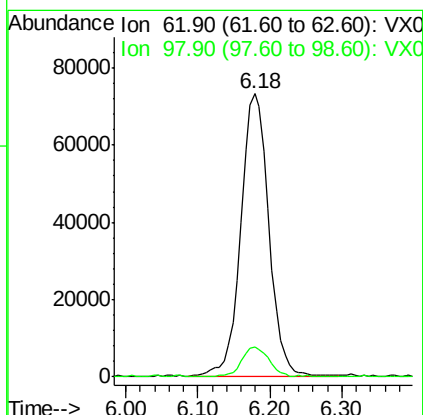
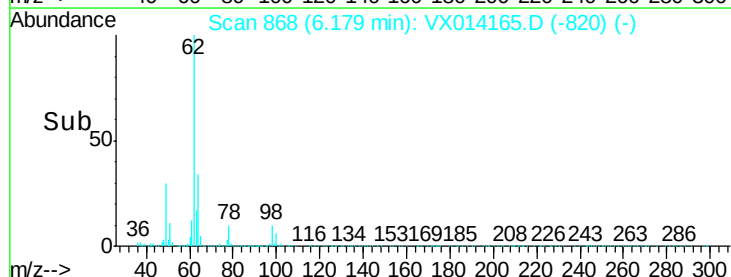
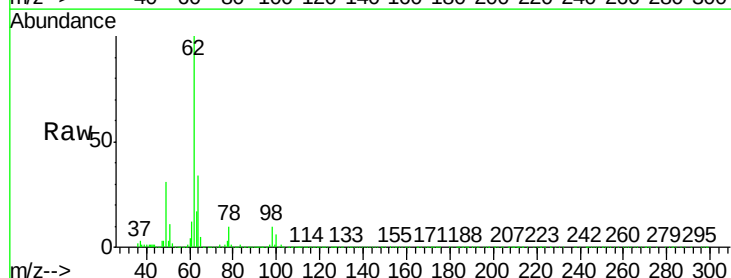
Manual Integrations
APPROVED

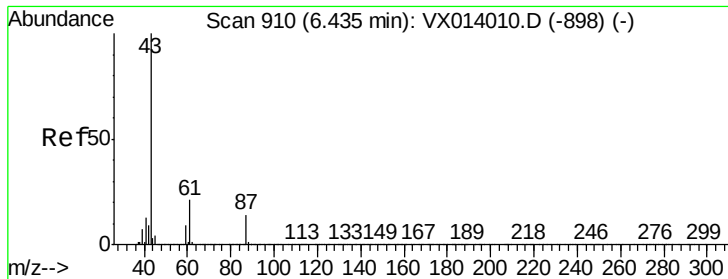
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#42
1,2-Dichloroethane
Concen: 20.113 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	21.0		





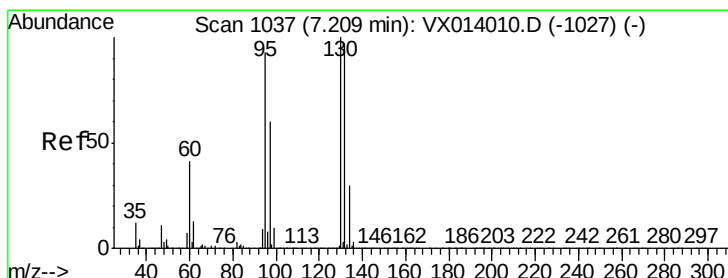
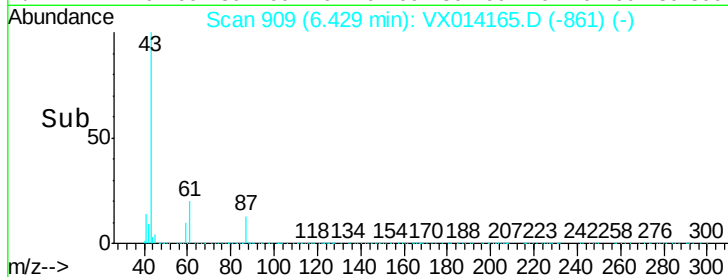
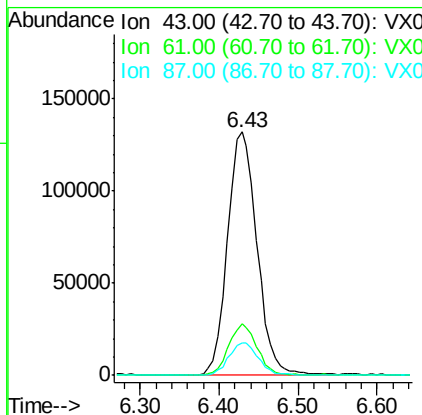
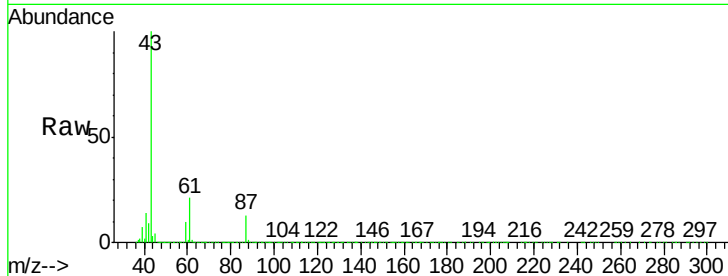
#43
Isopropyl Acetate
Concen: 19.946 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.5	10.7	16.1

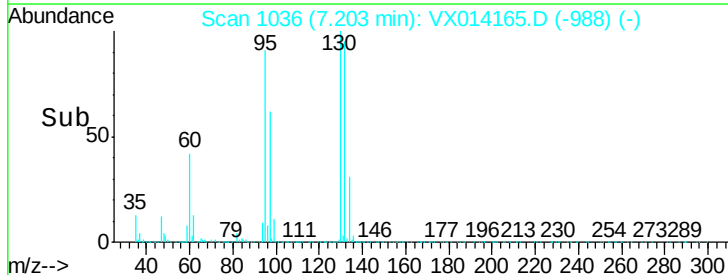
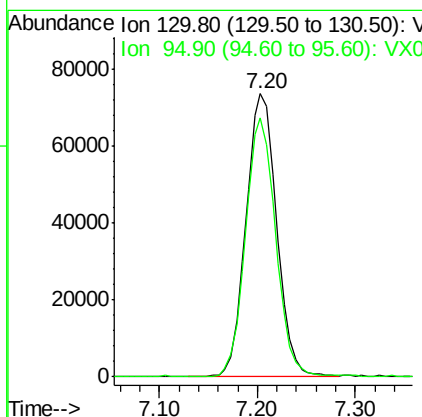
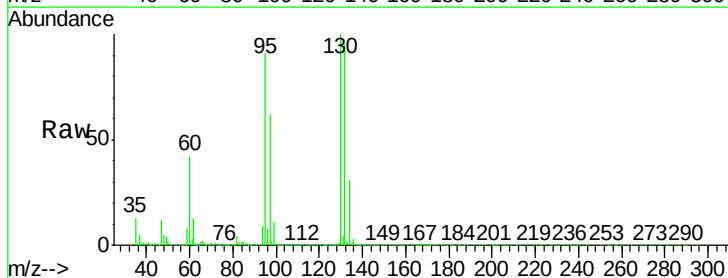
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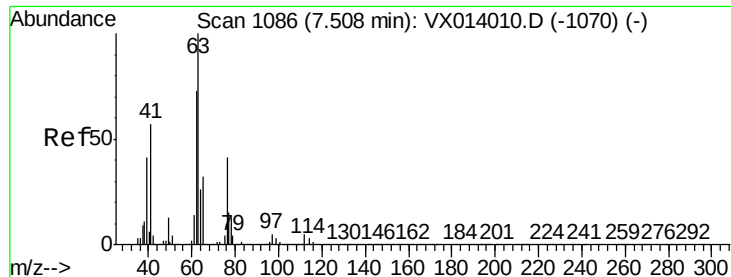
apatel
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#44
Trichloroethene
Concen: 20.150 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	185.6





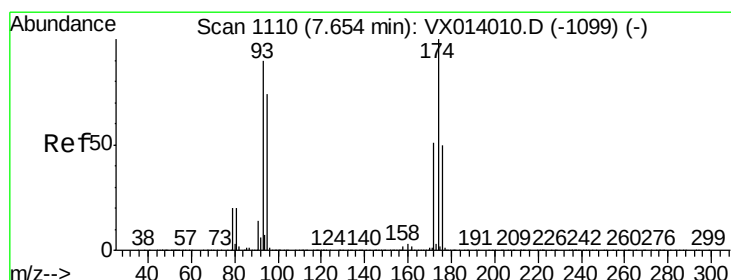
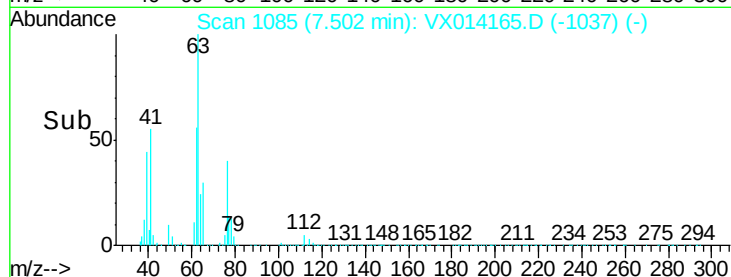
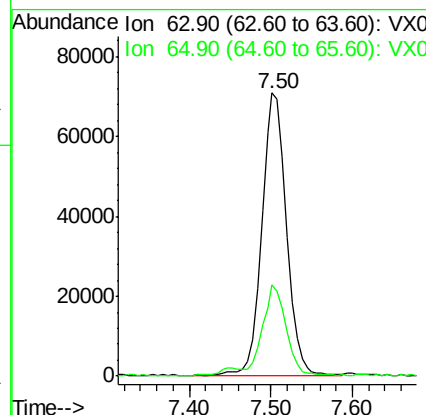
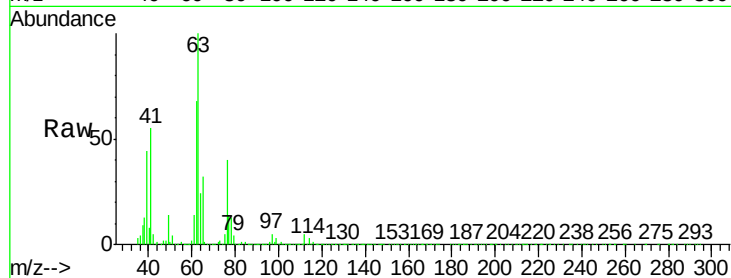
#45
 1,2-Dichloropropane
 Concen: 20.320 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.8

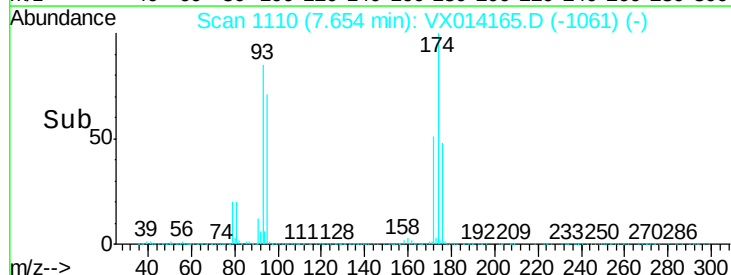
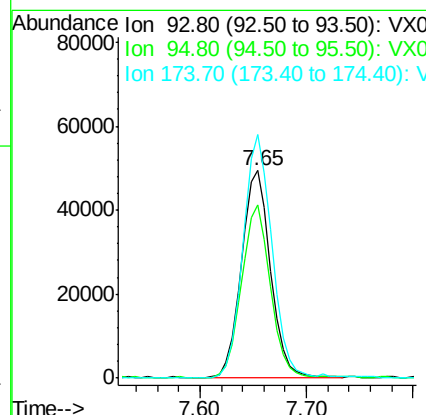
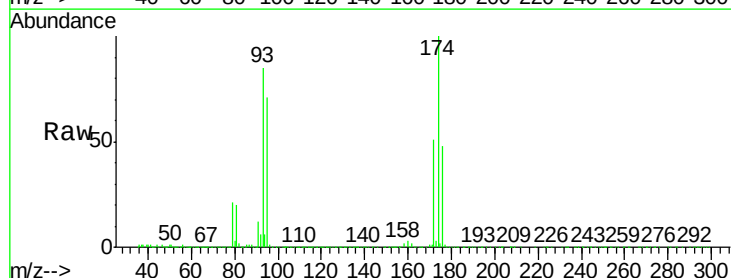
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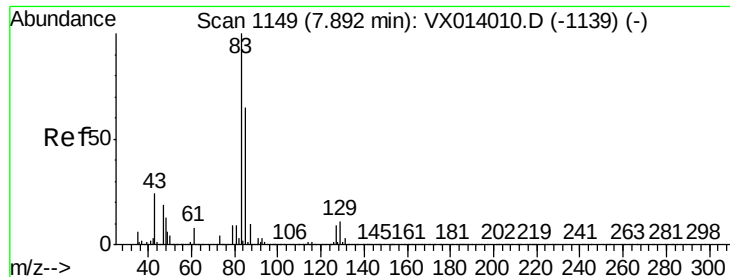
apatel
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#46
 Dibromomethane
 Concen: 19.551 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.3	100.9
174	116.5	91.6	137.4





#47

Bromodichloromethane

Concen: 20.179 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

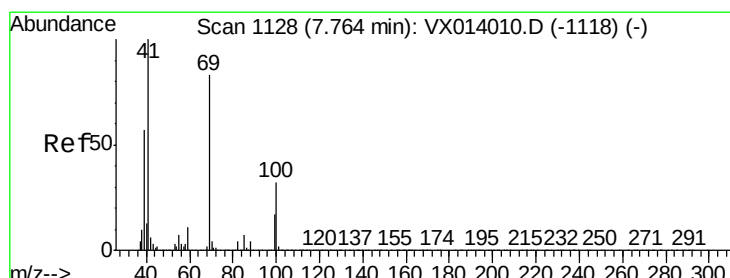
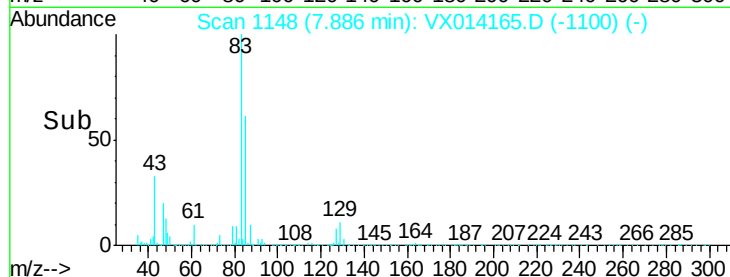
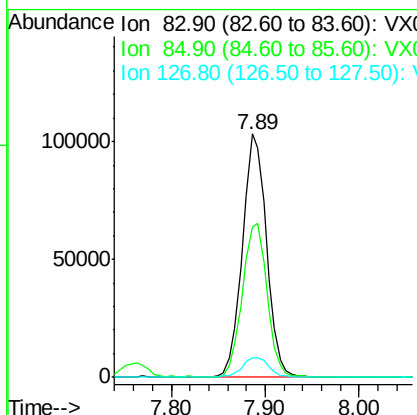
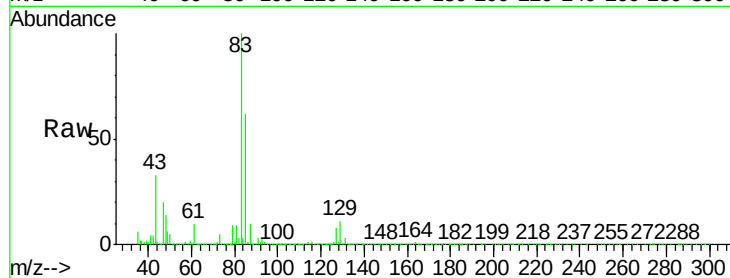
ClientSampleId :

VX1220WBS01

Tot Ion:	83	Resp:	185666
Ion Ratio	Lower	Upper	
83	100		
85	61.6	51.8	77.8
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.652 ug/l

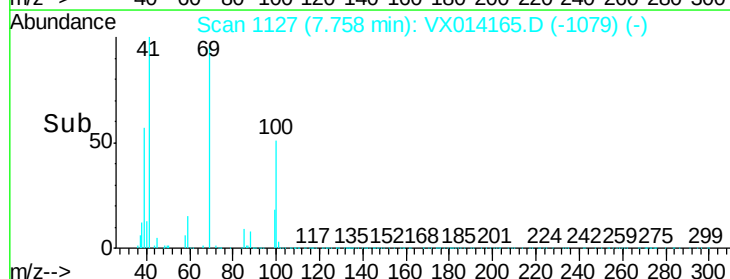
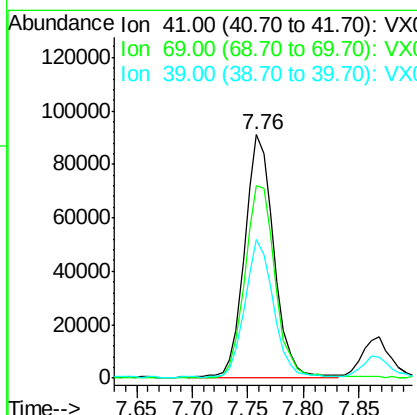
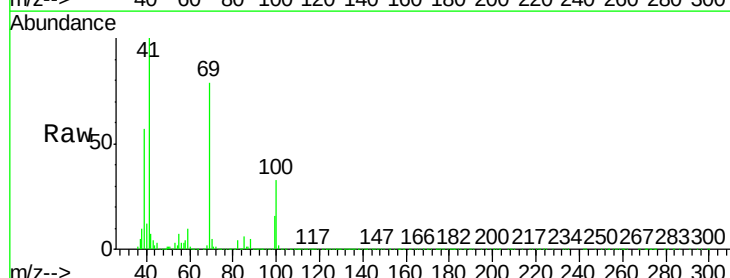
RT: 7.76 min Scan# 1127

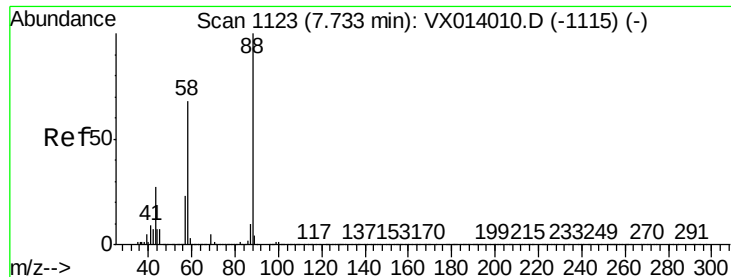
Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	41	Resp:	164781
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.8	98.6
39	55.5	44.6	67.0





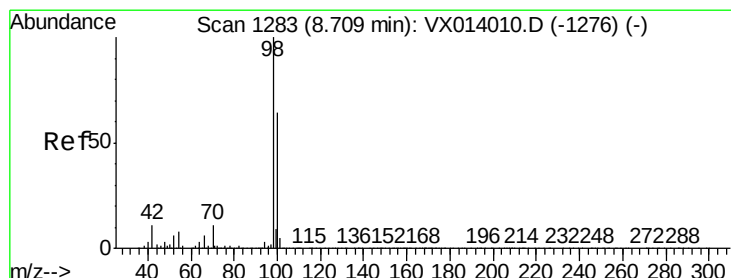
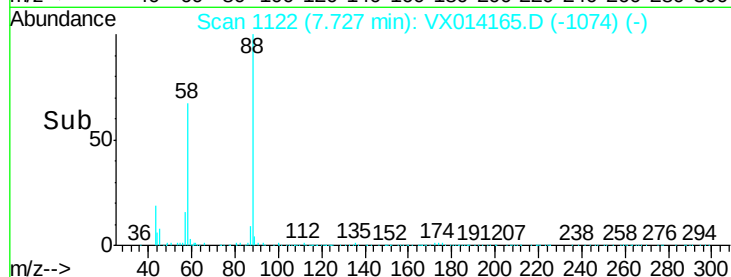
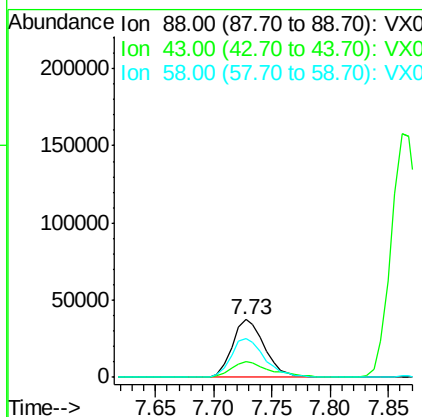
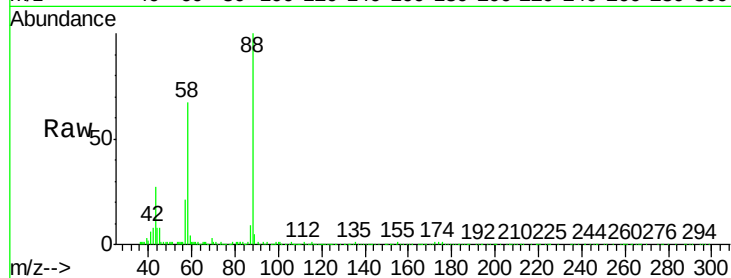
#49
1,4-Dioxane
Concen: 417.310 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.5	39.7
58	71.0	56.8	85.2

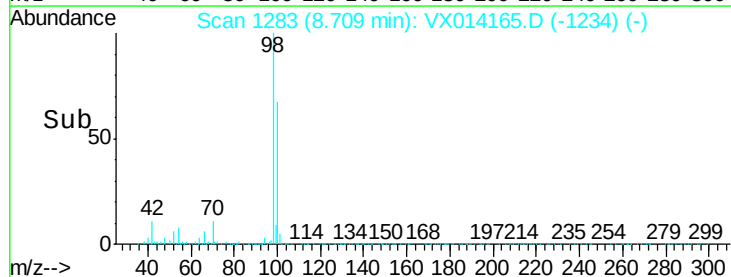
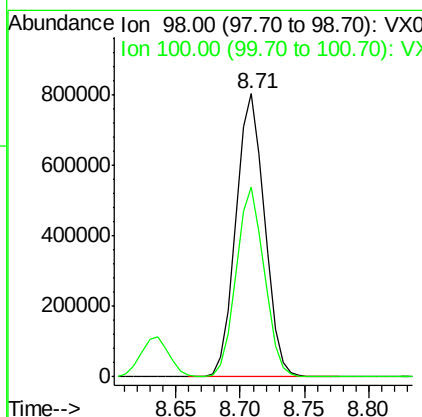
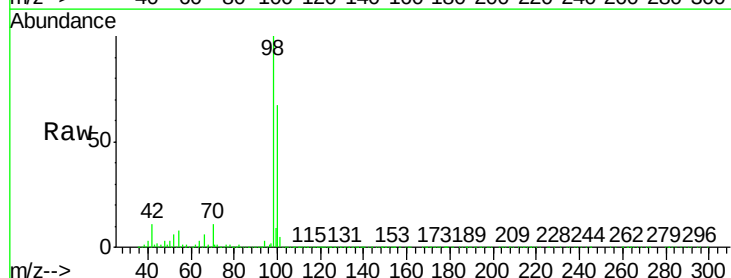
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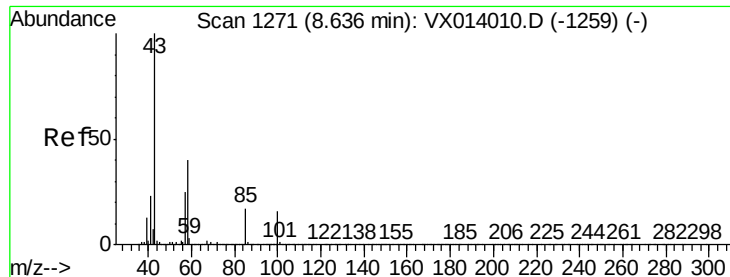
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#50
Toluene-d8
Concen: 51.456 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 97.988 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 43 Resp: 1053736

Ion Ratio Lower Upper

43 100

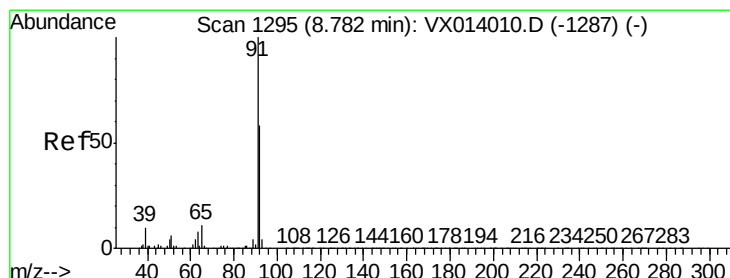
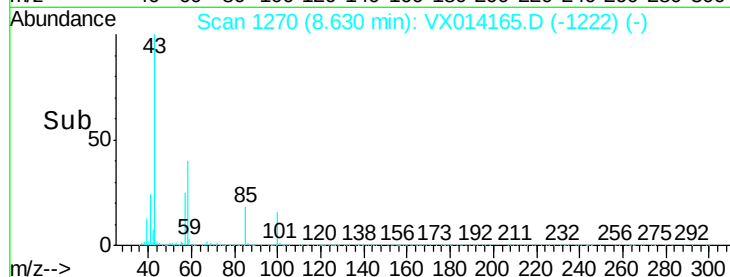
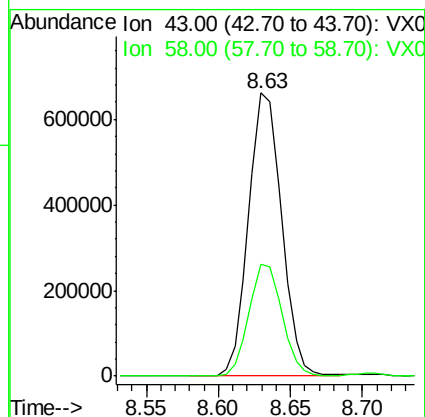
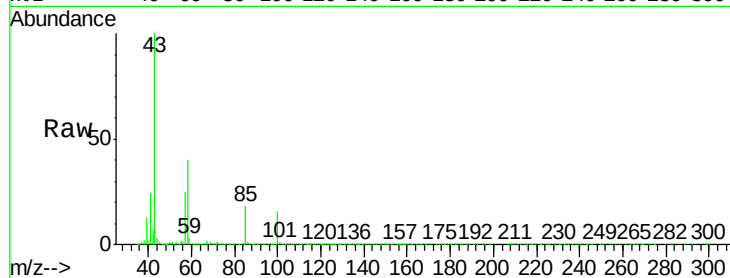
58 39.6 32.2 48.2

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#52

Toluene

Concen: 19.837 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014165.D

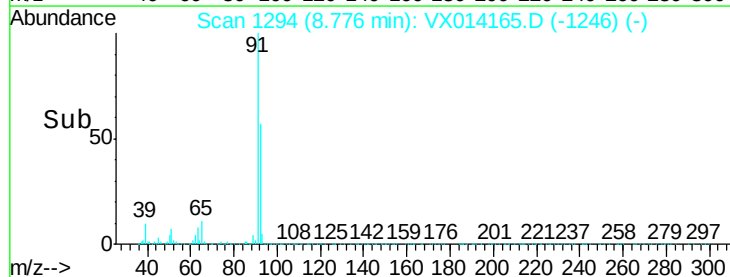
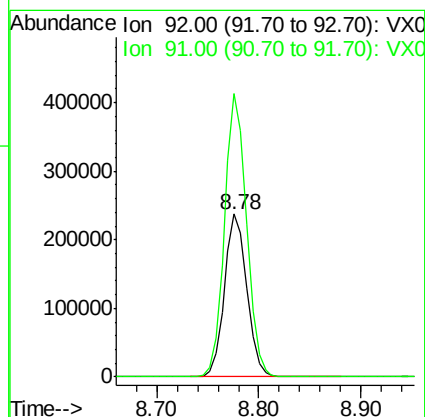
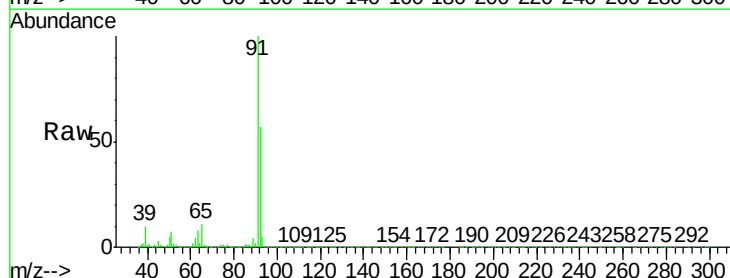
Acq: 20 Dec 2019 11:36

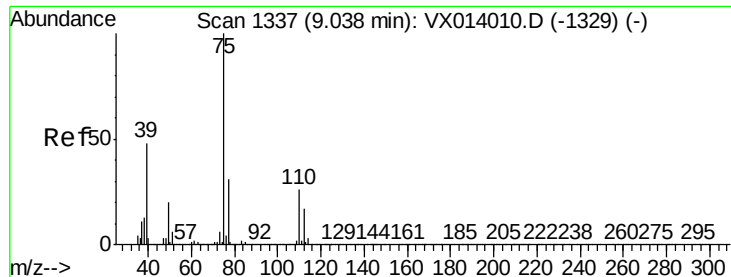
Tgt Ion: 92 Resp: 361480

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 20.597 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 75 Resp: 207797

Ion Ratio Lower Upper

75 100

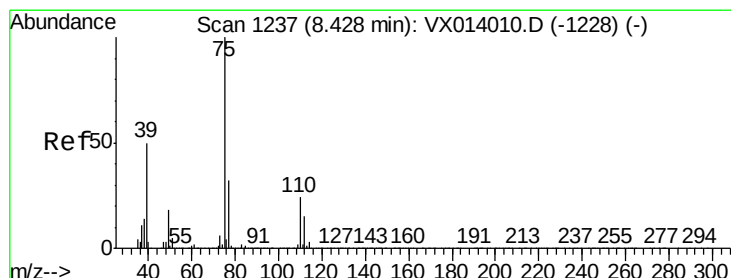
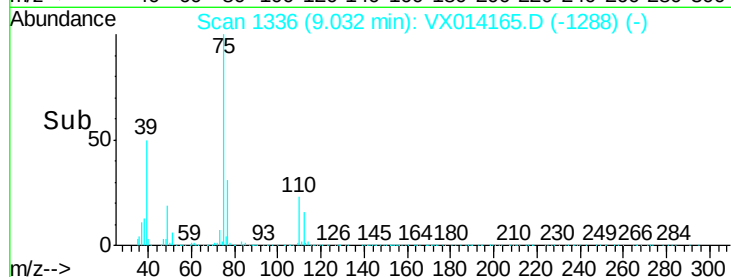
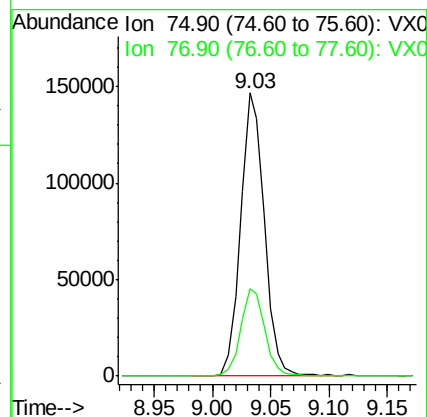
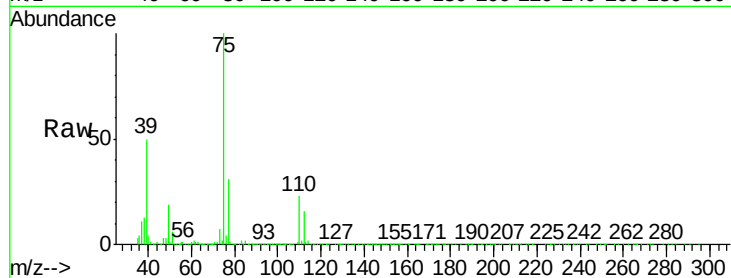
77 30.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 20.662 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

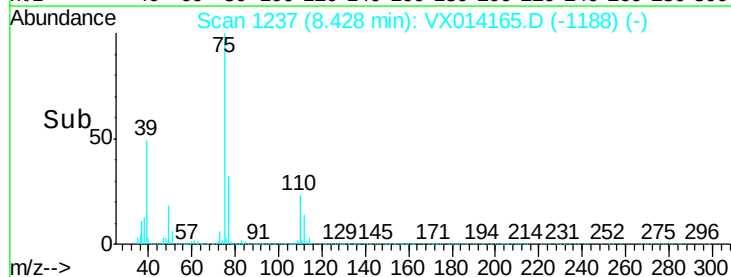
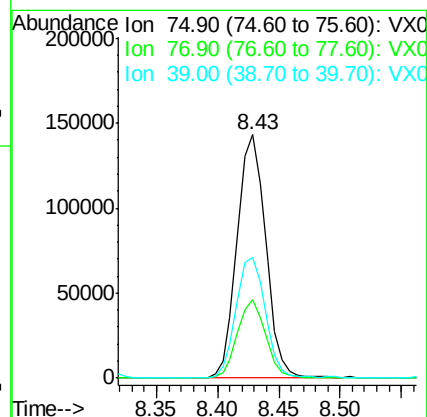
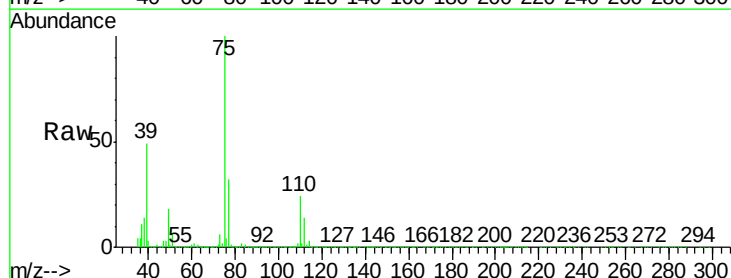
Tgt Ion: 75 Resp: 232236

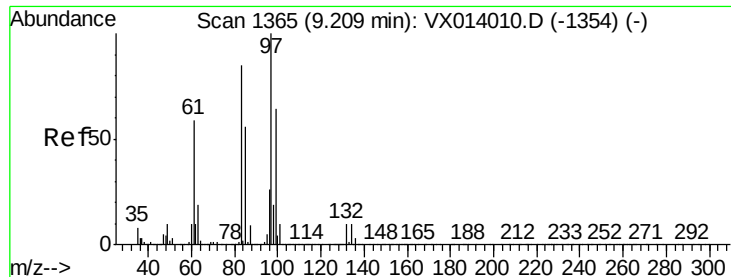
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 49.2 39.9 59.9





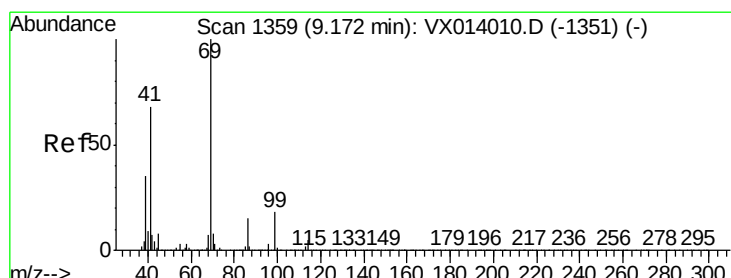
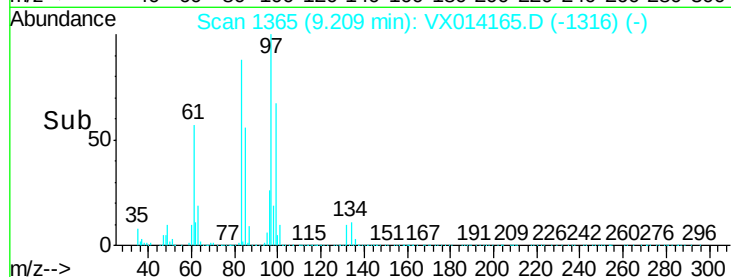
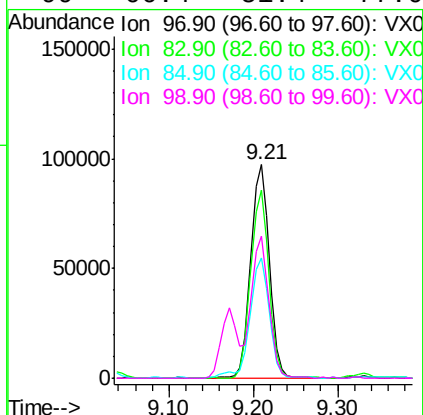
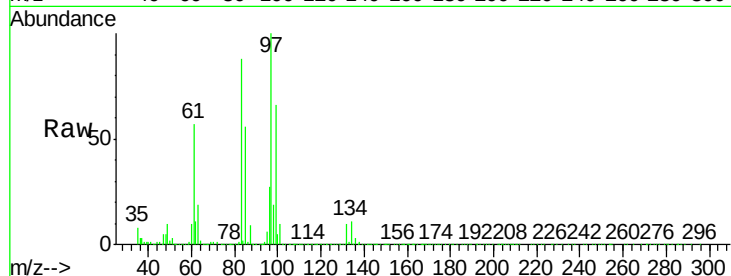
#55
 1,1,2-Trichloroethane
 Concen: 19.711 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143957		
83	87.8	68.2	102.4		
85	56.1	44.6	66.8		
99	66.4	51.4	77.0		

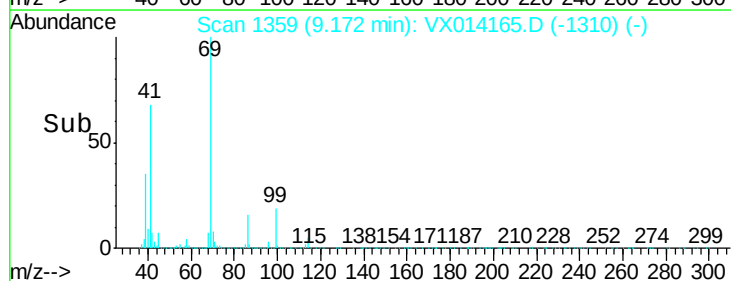
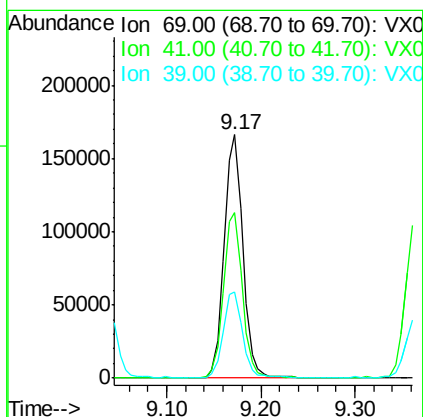
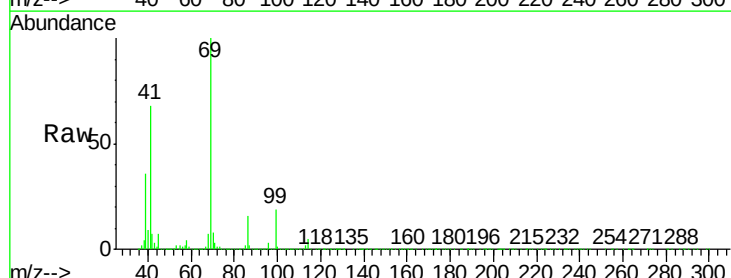
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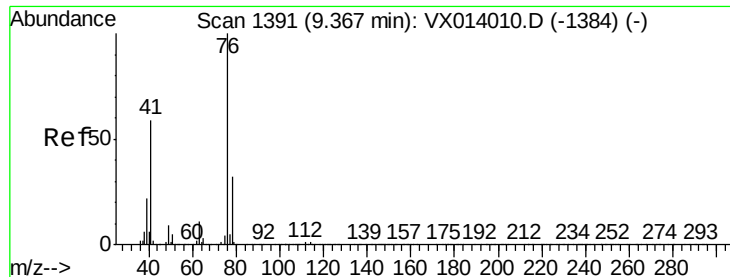
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#56
 Ethyl methacrylate
 Concen: 19.875 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		228014		
41	68.3	54.8	82.2		
39	36.2	28.3	42.5		





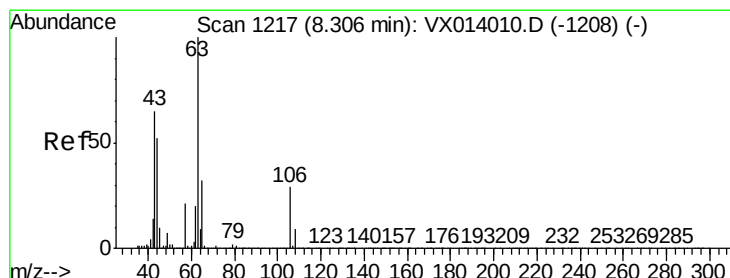
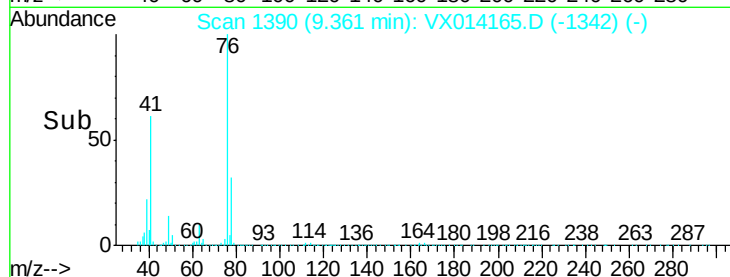
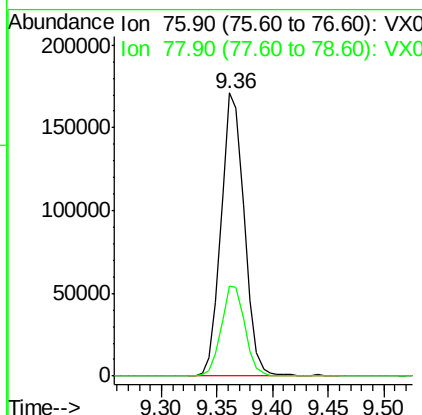
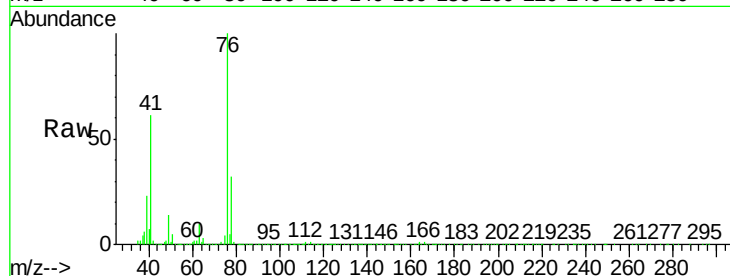
#57
 1,3-Dichloropropane
 Concen: 20.061 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

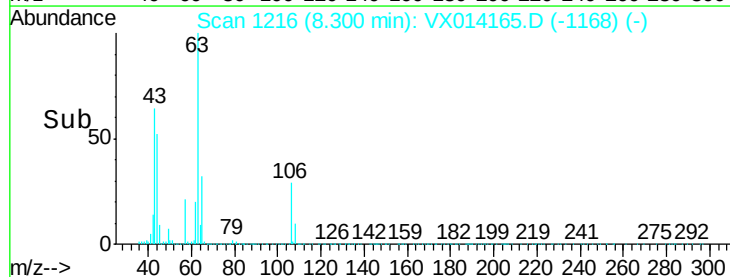
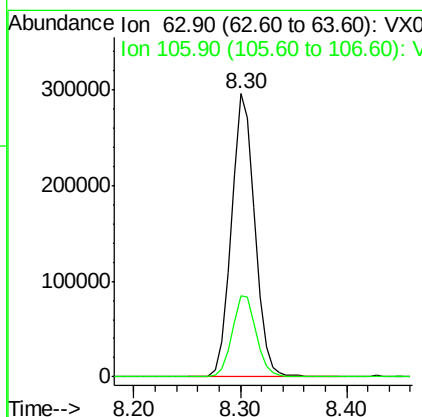
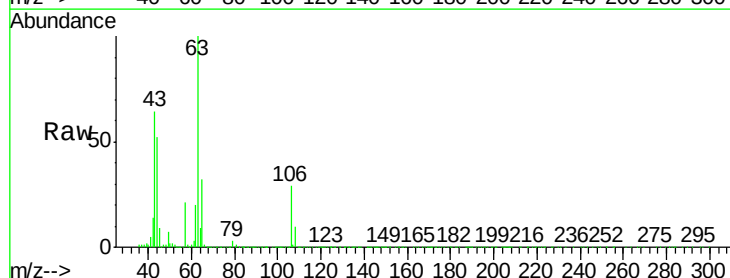
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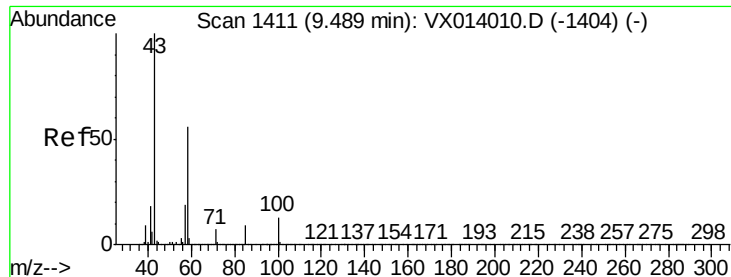
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.834 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.0	34.6





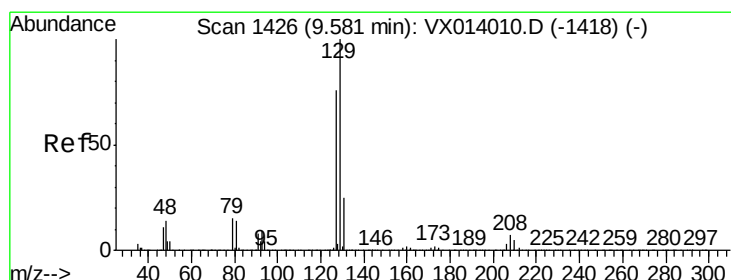
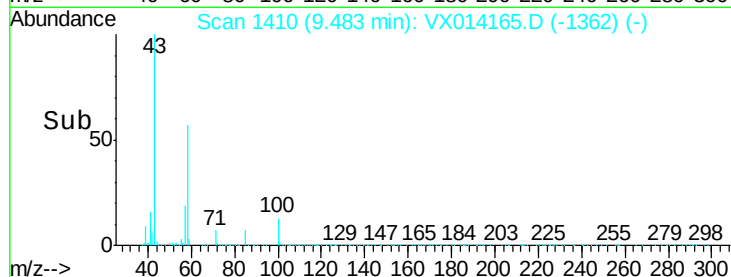
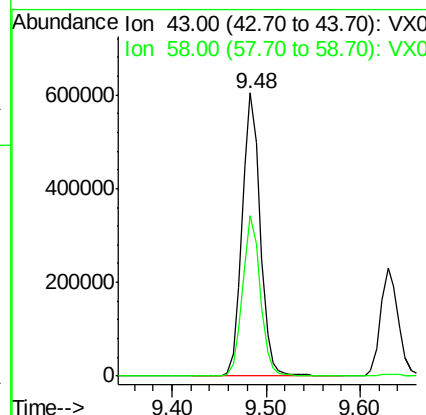
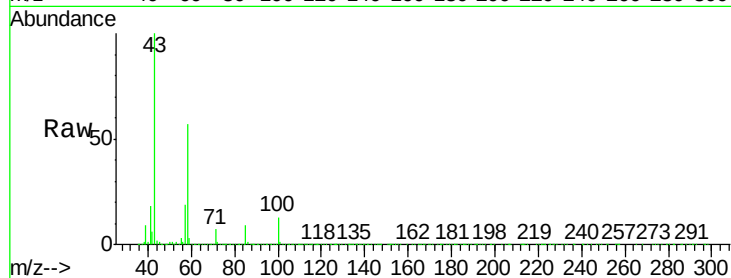
#59
2-Hexanone
Concen: 92.798 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion: 43 Resp: 803338
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0

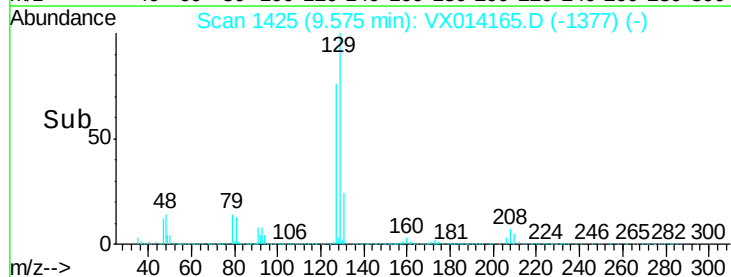
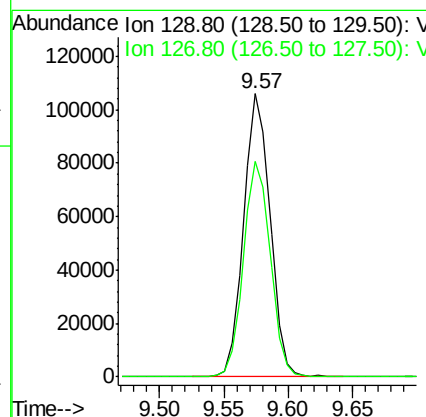
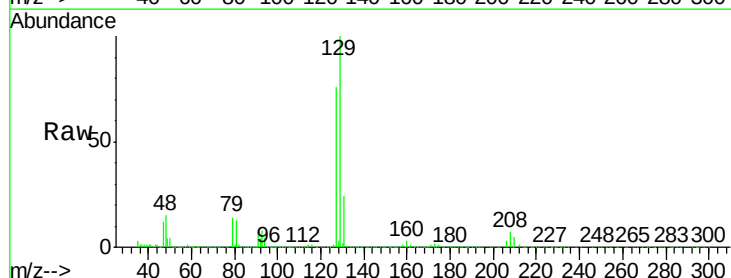
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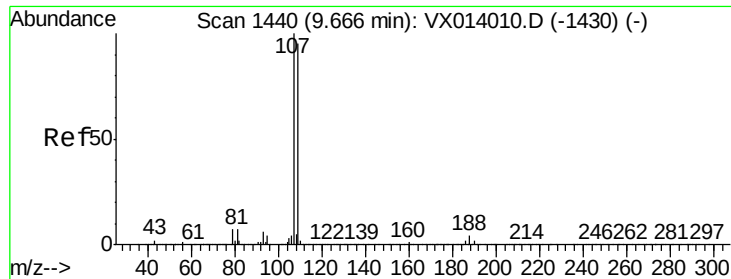
apatel
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#60
Dibromochloromethane
Concen: 20.670 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion: 129 Resp: 150051
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.419 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 107 Resp: 152578

Ion Ratio Lower Upper

107 100

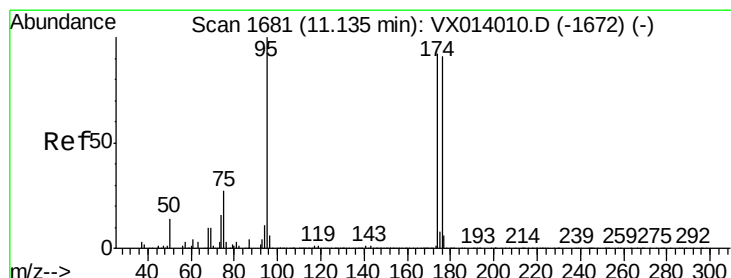
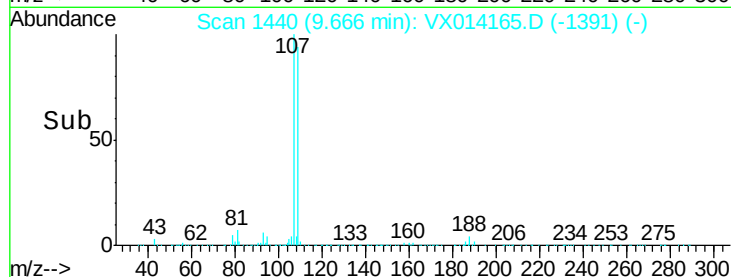
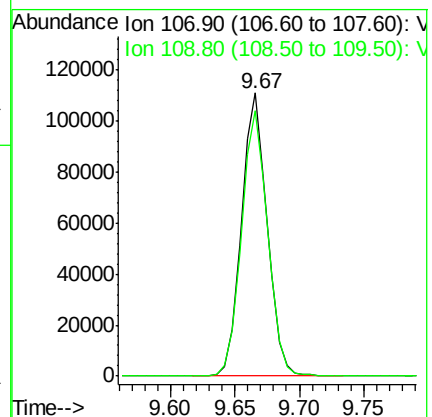
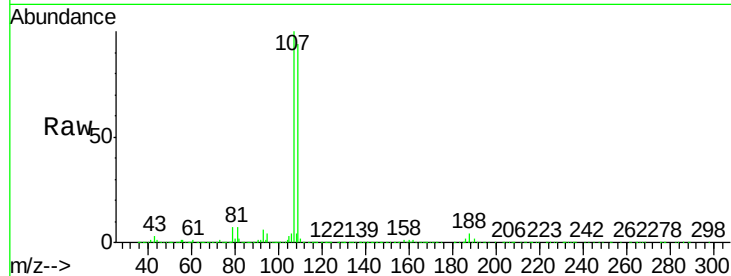
109 96.0 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 50.463 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

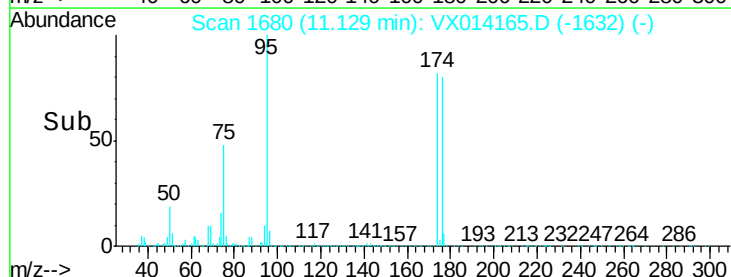
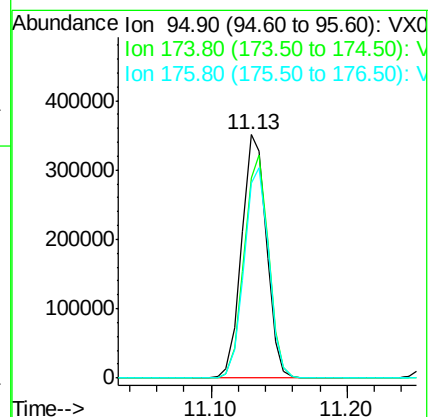
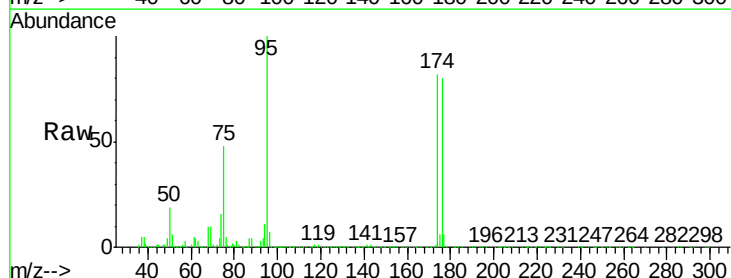
Tgt Ion: 95 Resp: 445798

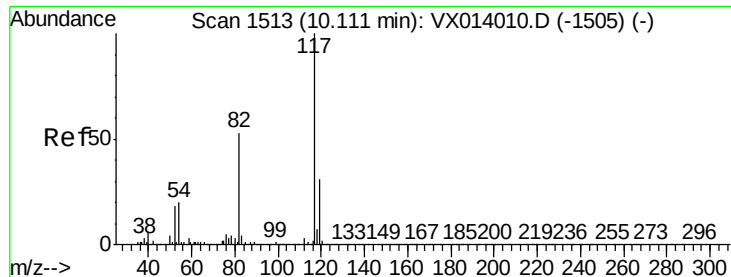
Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.8

176 86.1 0.0 173.0





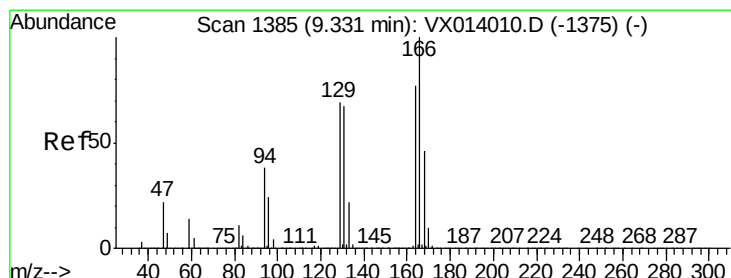
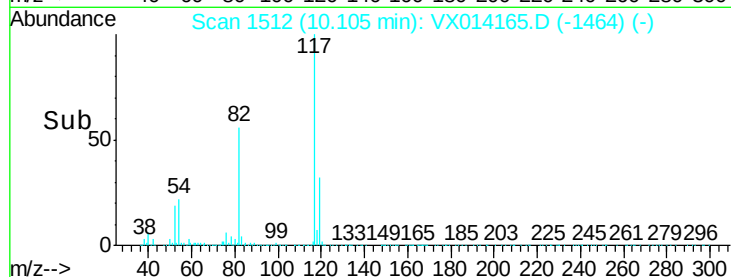
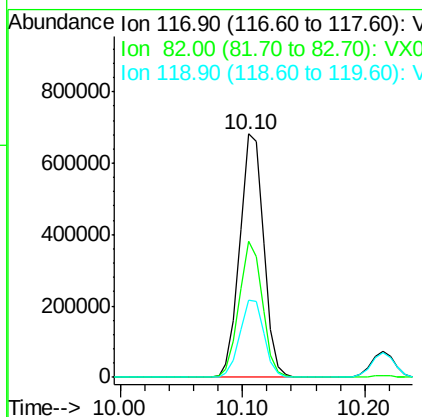
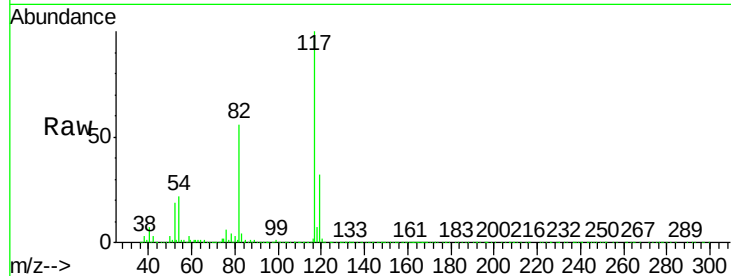
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.7	42.2	63.4
119	31.6	25.1	37.7

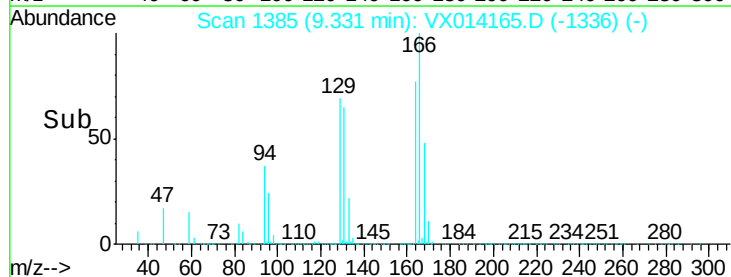
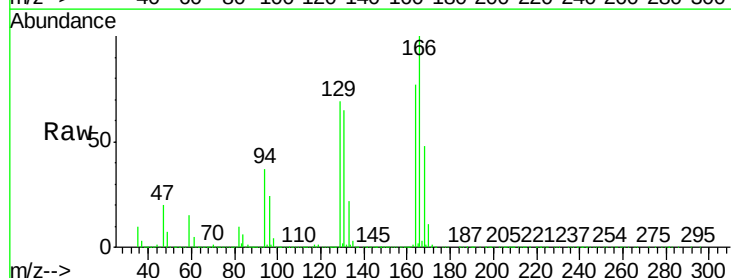
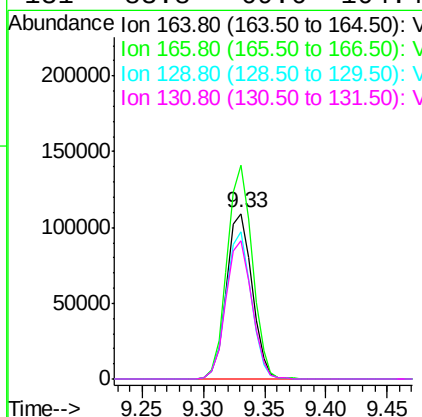
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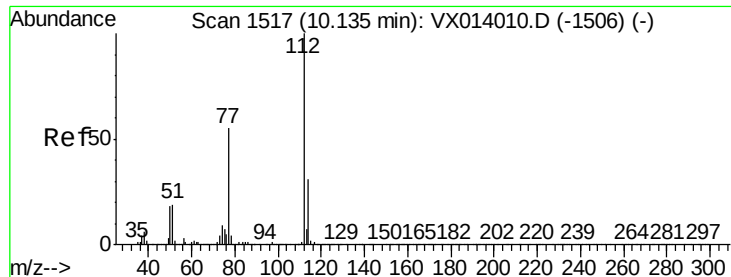
apatel
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#64
Tetrachloroethene
Concen: 19.413 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.9	104.0	156.0
129	89.1	72.2	108.4
131	83.8	69.6	104.4





#65

Chlorobenzene

Concen: 19.976 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion:112 Resp: 390235

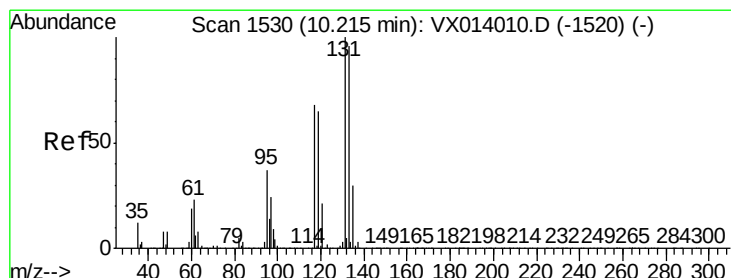
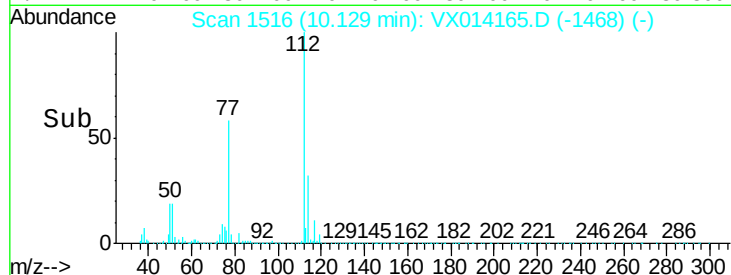
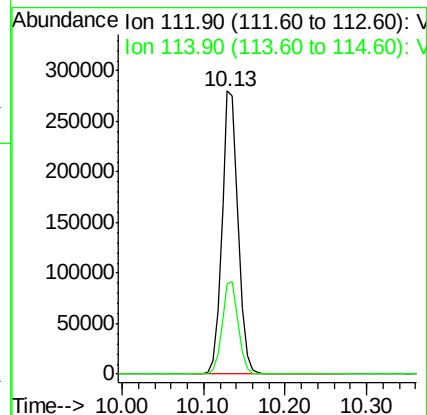
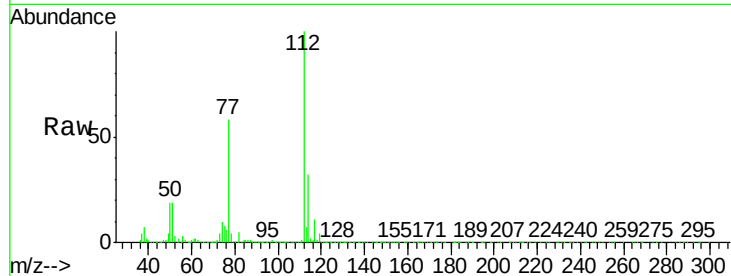
Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.668 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

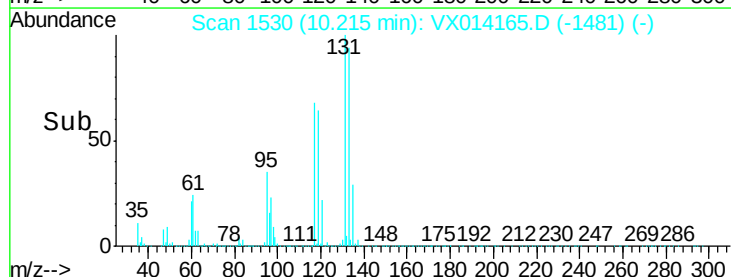
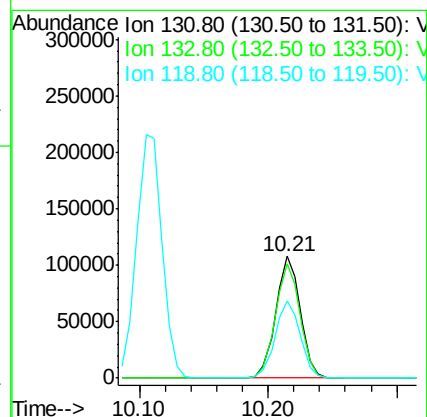
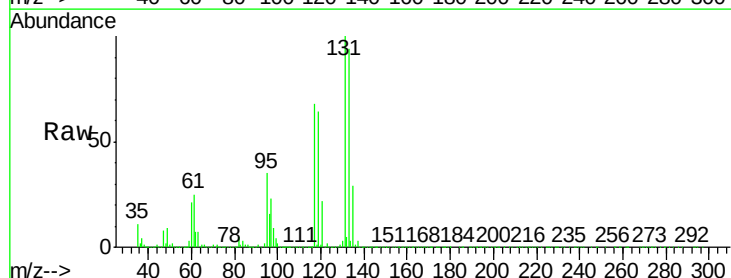
Tgt Ion:131 Resp: 144165

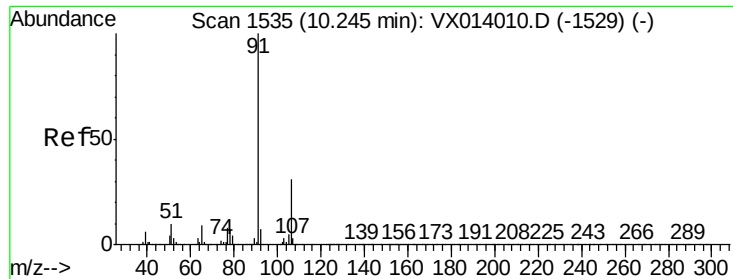
Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.0

119 64.9 33.4 100.2





#67

Ethyl Benzene

Concen: 20.539 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 91 Resp: 689827

Ion Ratio Lower Upper

91 100

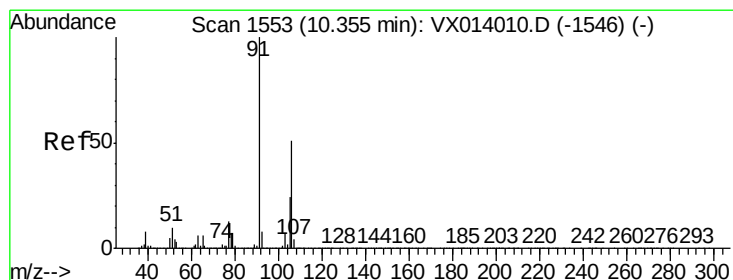
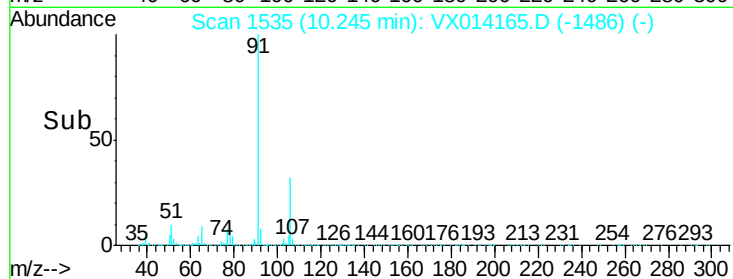
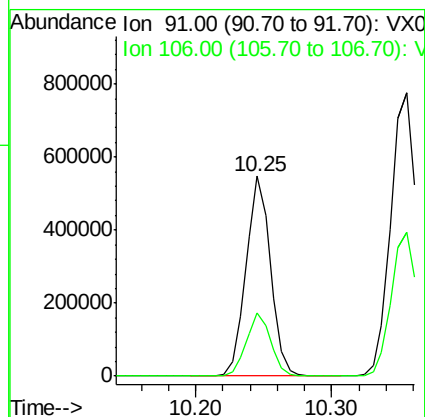
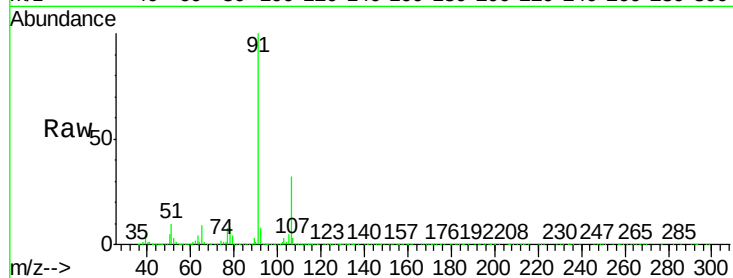
106 31.9 25.0 37.6

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#68

m/p-Xylenes

Concen: 41.034 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014165.D

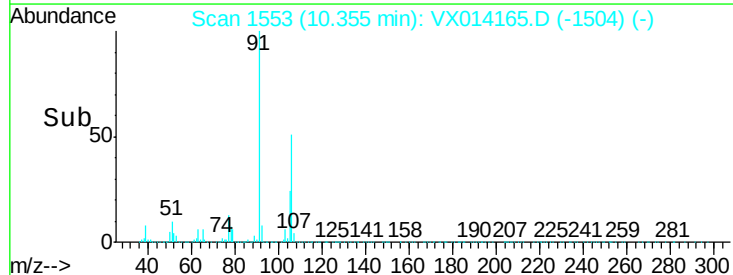
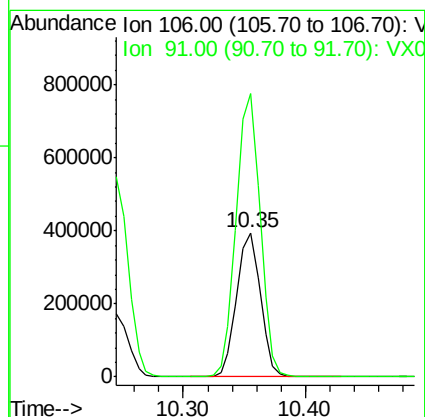
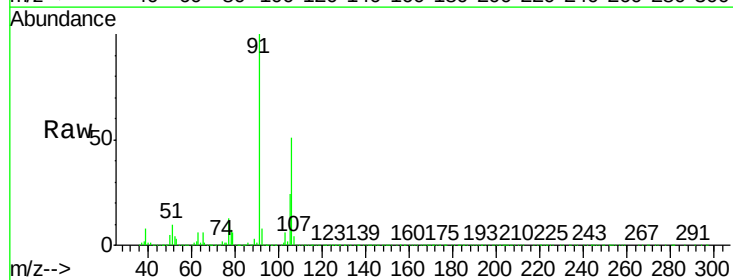
Acq: 20 Dec 2019 11:36

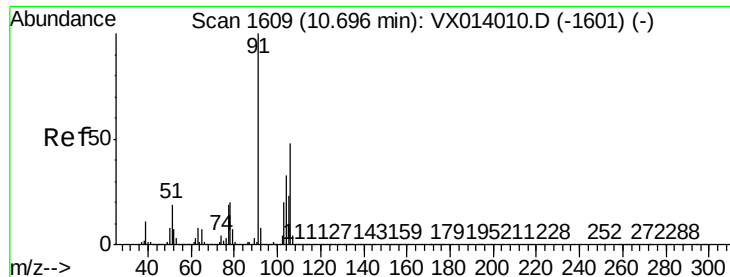
Tgt Ion: 106 Resp: 530062

Ion Ratio Lower Upper

106 100

91 197.9 158.6 238.0





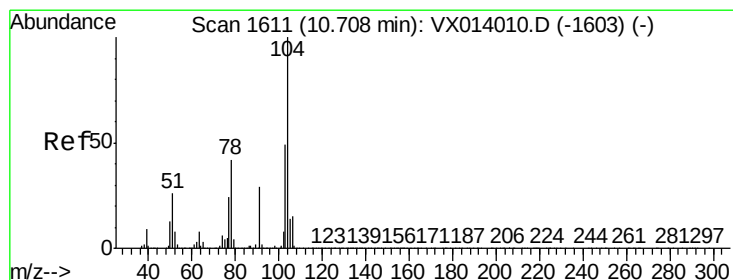
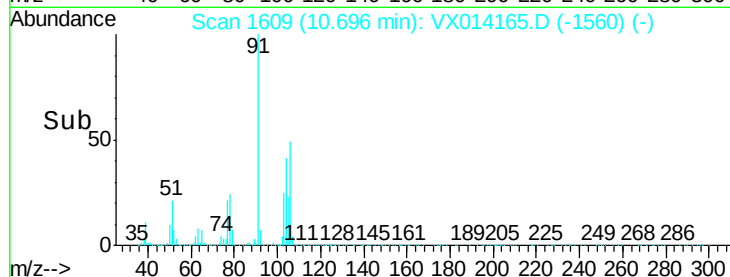
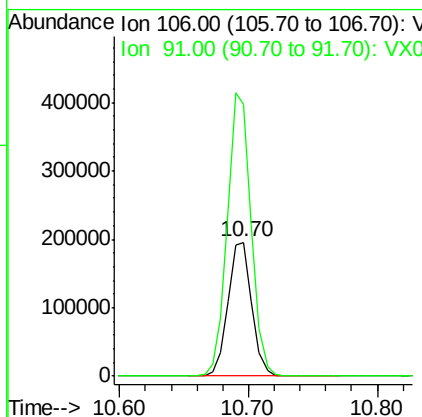
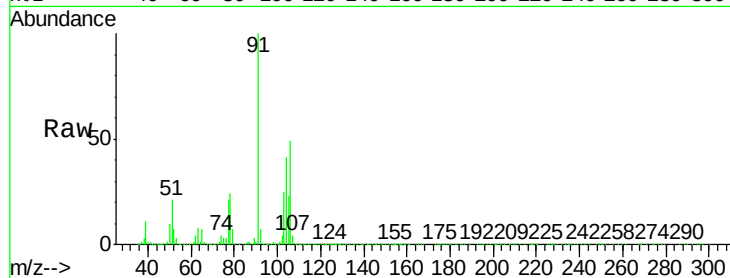
#69
o-Xylene
Concen: 20.029 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.1	104.2	312.6

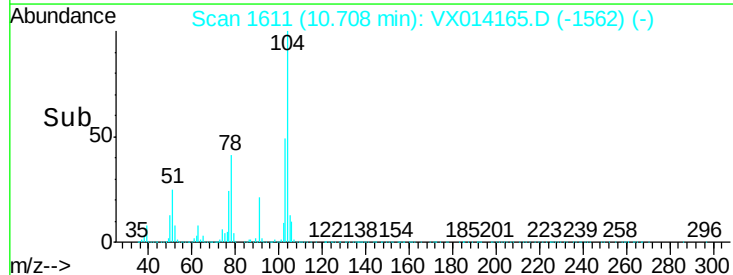
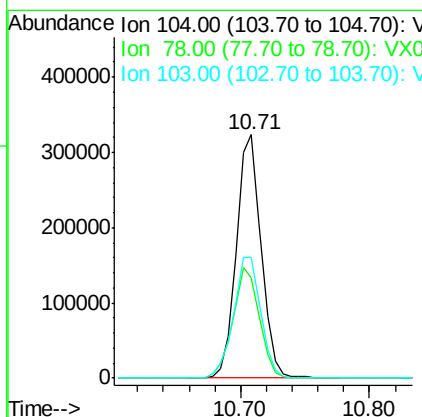
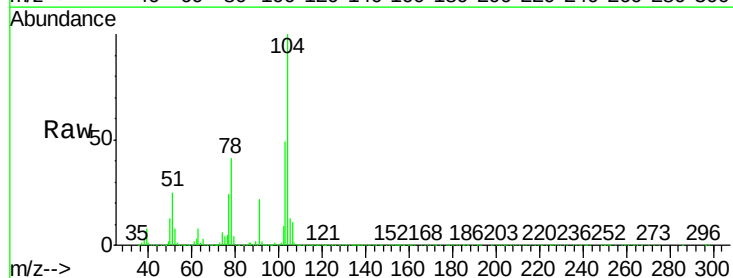
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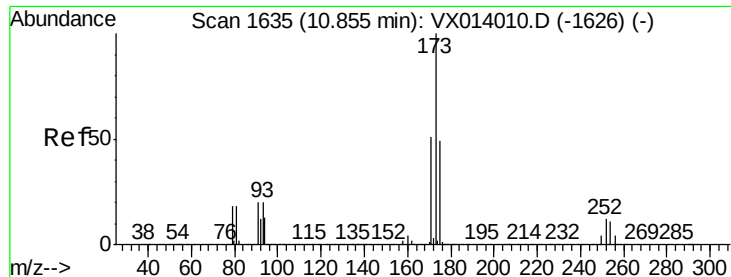
apatel
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#70
Styrene
Concen: 20.115 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.5	57.7
103	55.1	42.9	64.3





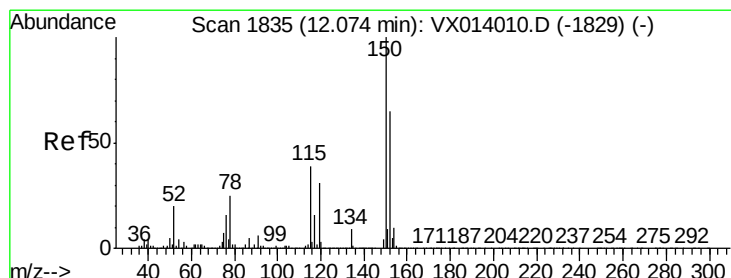
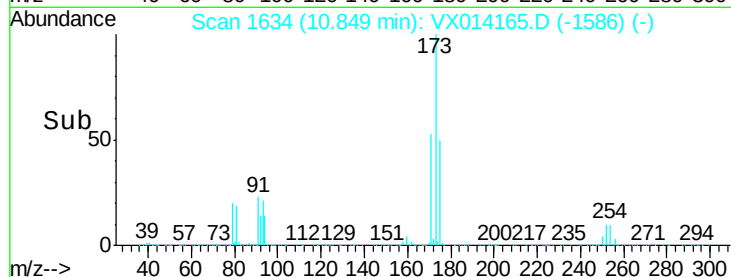
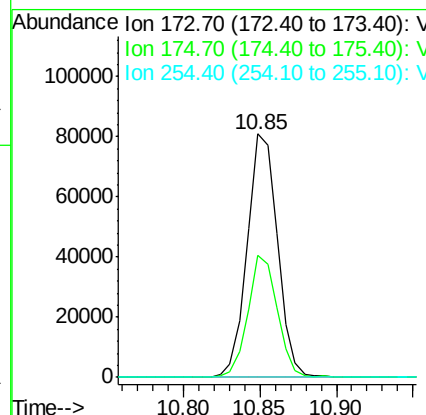
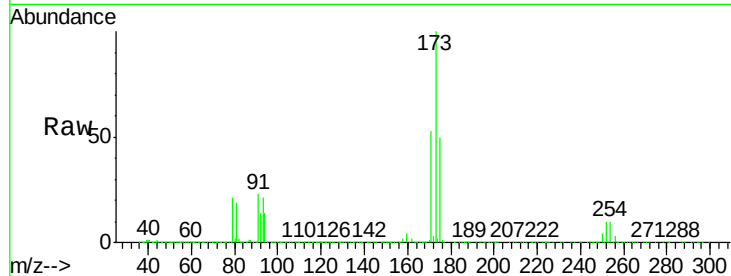
#71
Bromoform
Concen: 19.849 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.5	0.2	0.2

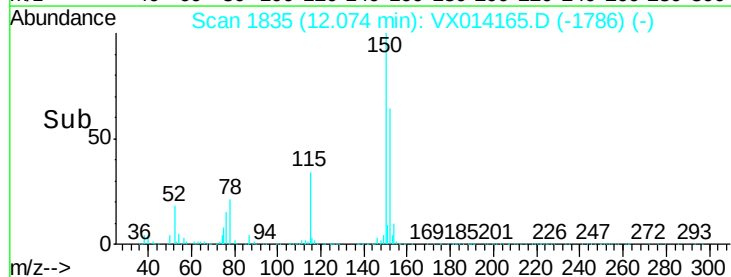
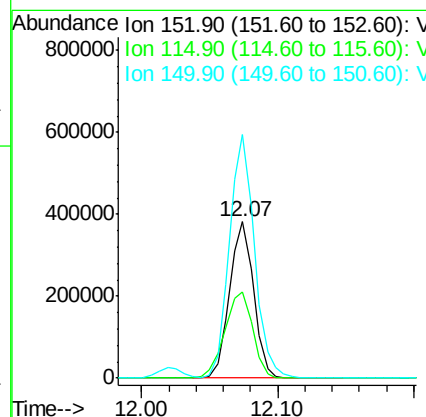
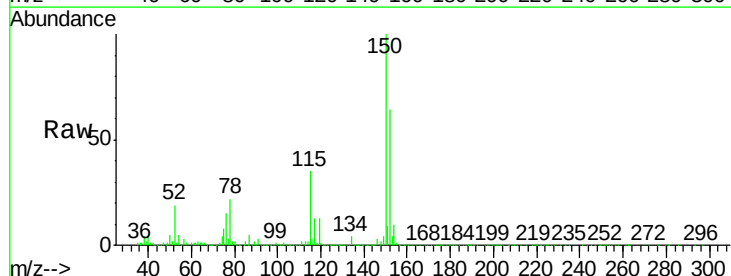
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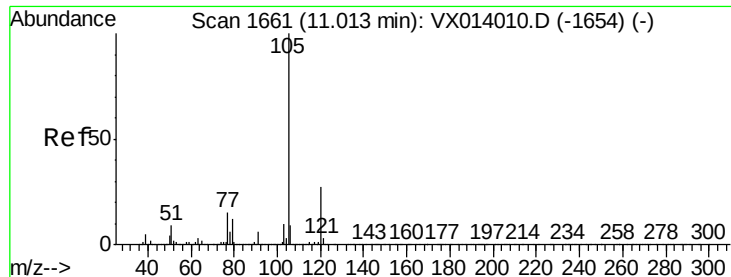
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	38.3	114.9
150	162.3	0.0	345.4





#73

Isopropylbenzene

Concen: 20.656 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 105 Resp: 678433

Ion Ratio Lower Upper

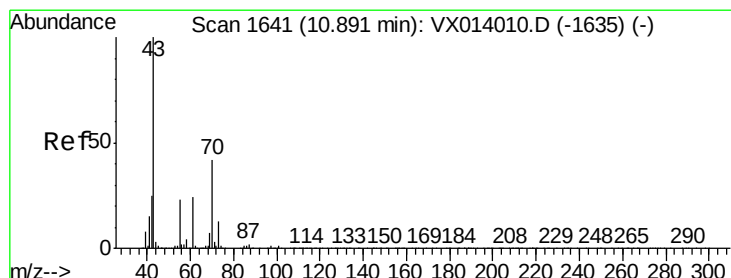
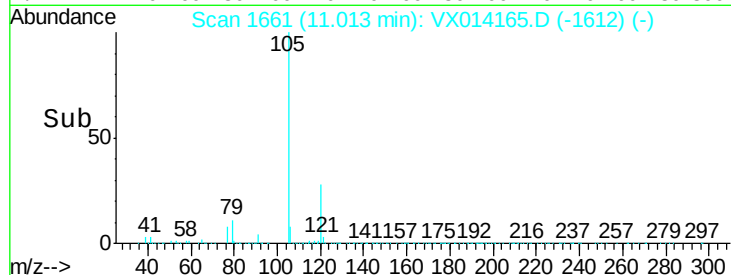
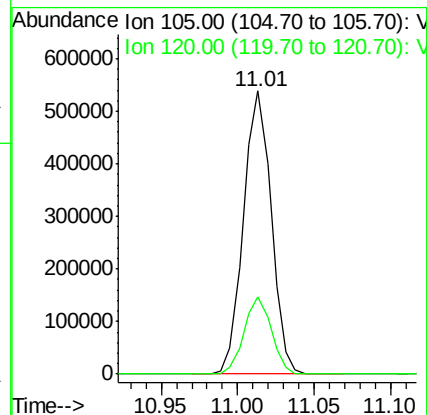
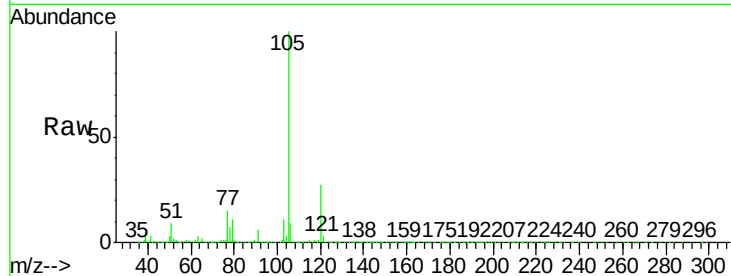
105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.300 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion: 43 Resp: 297128

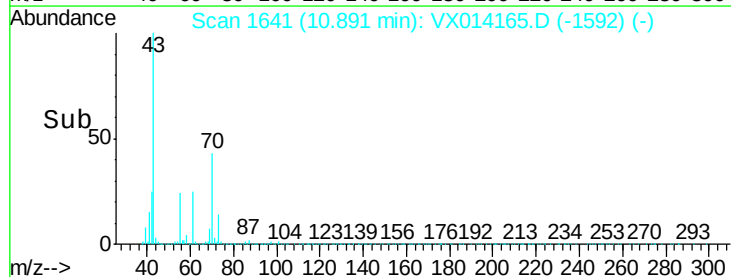
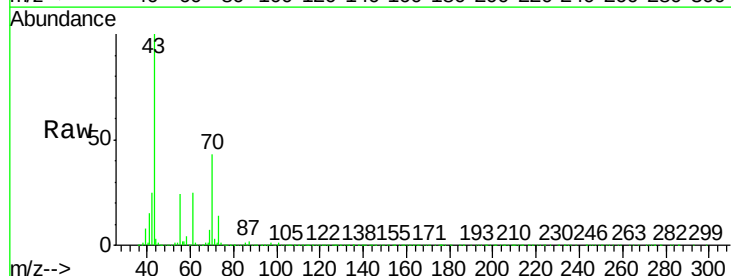
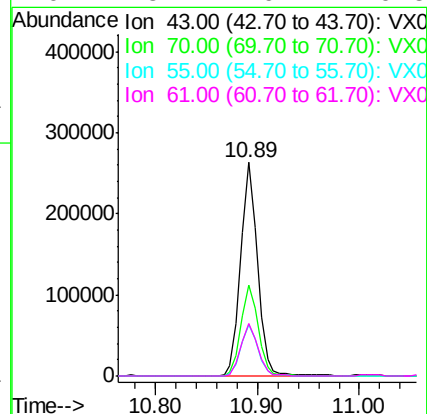
Ion Ratio Lower Upper

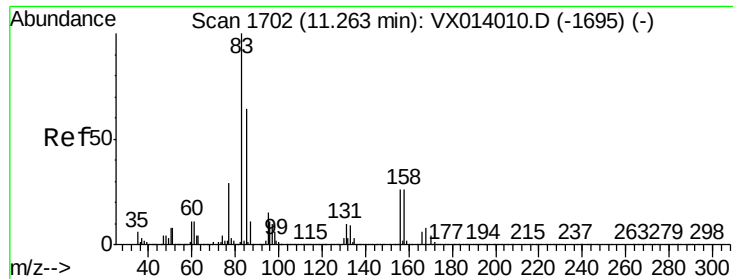
43 100

70 44.2 34.4 51.6

55 24.0 19.1 28.7

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.429 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

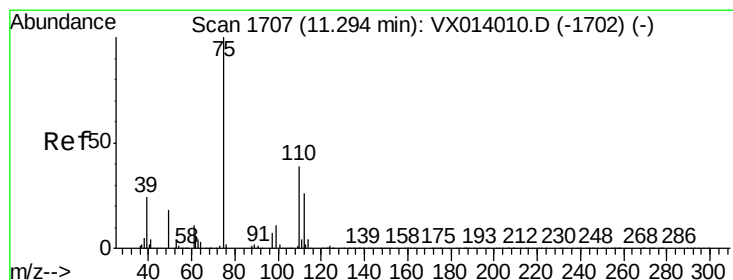
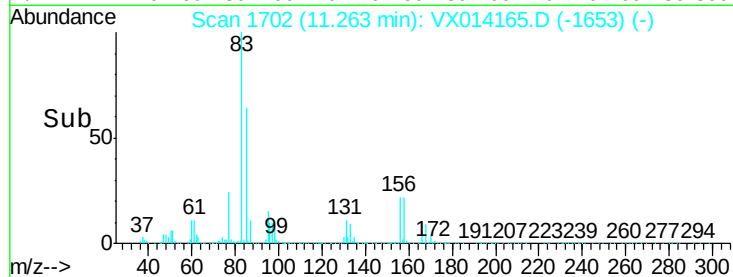
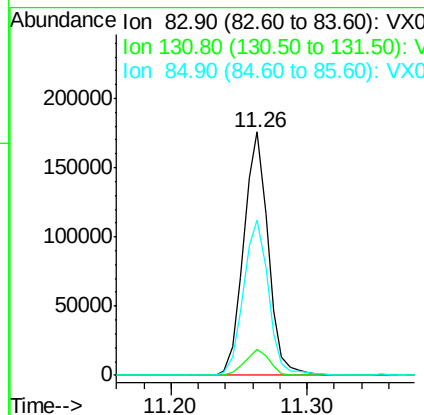
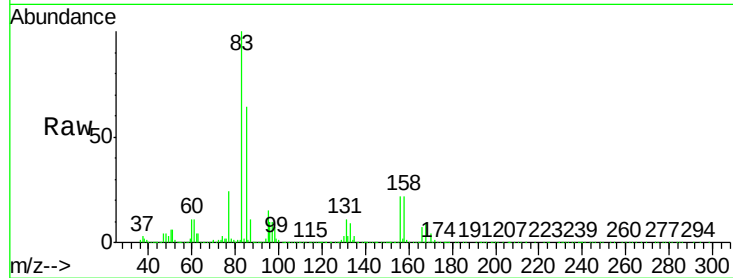
ClientSampleId :

VX1220WBS01

Tot Ion:	83	Resp:	221235
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.2
85	65.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.026 ug/l m

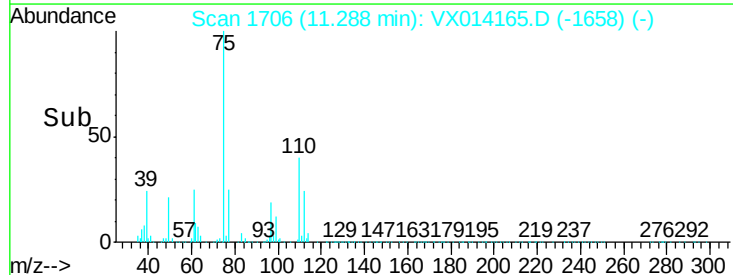
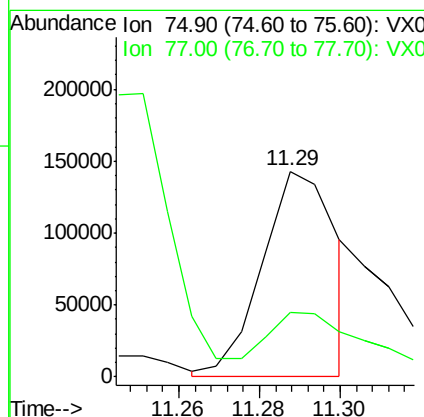
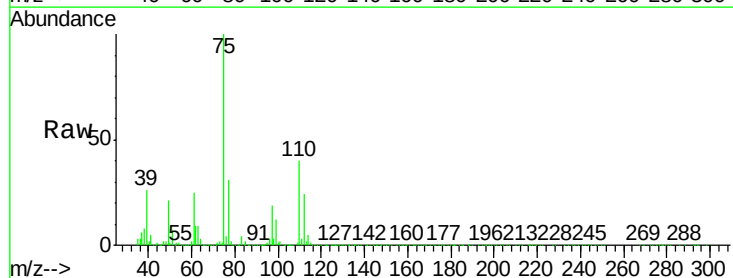
RT: 11.29 min Scan# 1706

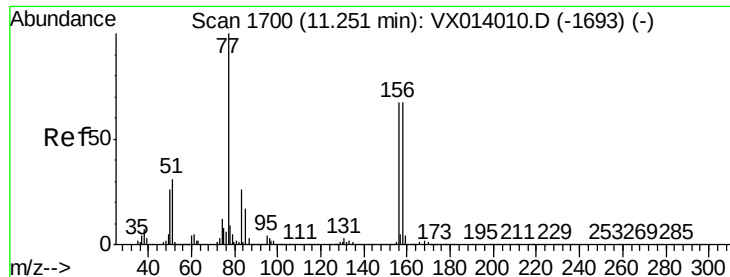
Delta R.T. -0.01 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	75	Resp:	182560
Ion Ratio	Lower	Upper	
75	100		
77	41.9	19.3	57.8





#77

Bromobenzene

Concen: 19.931 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

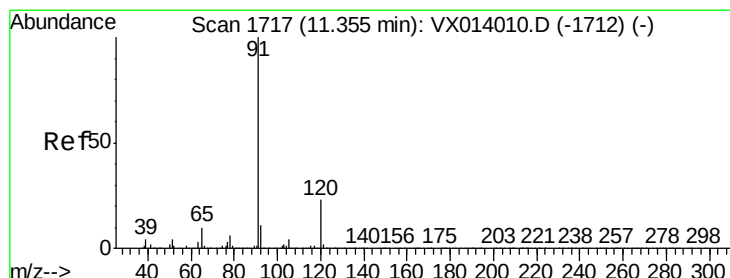
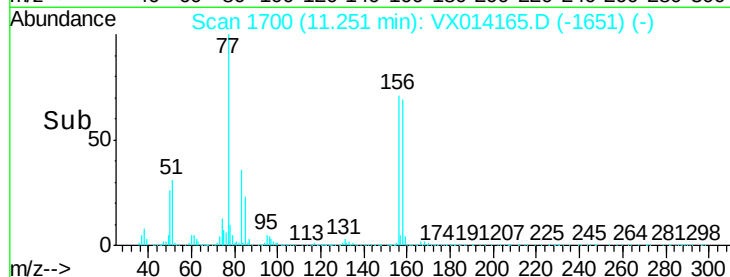
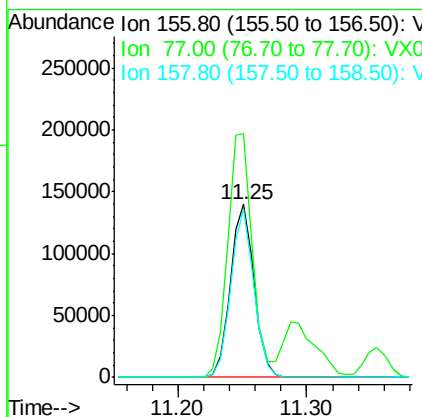
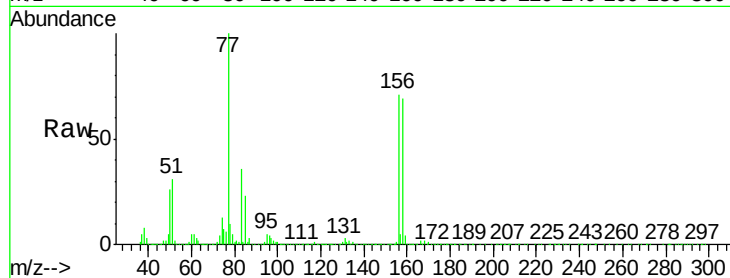
ClientSampleId :

VX1220WBS01

Tot Ion:	156	Resp:	180107
Ion Ratio	Lower	Upper	
156	100		
77	145.7	76.5	229.5
158	94.7	49.3	147.9

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#78

n-propylbenzene

Concen: 20.907 ug/l

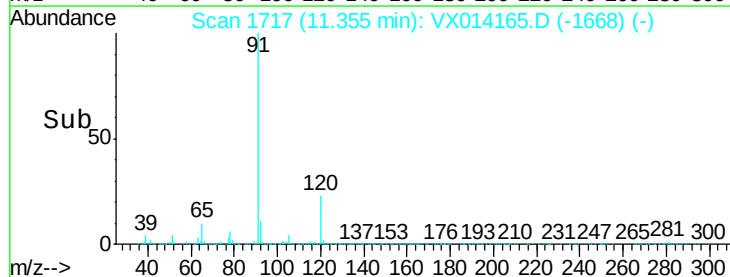
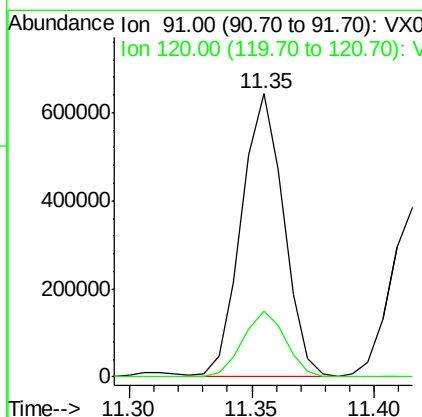
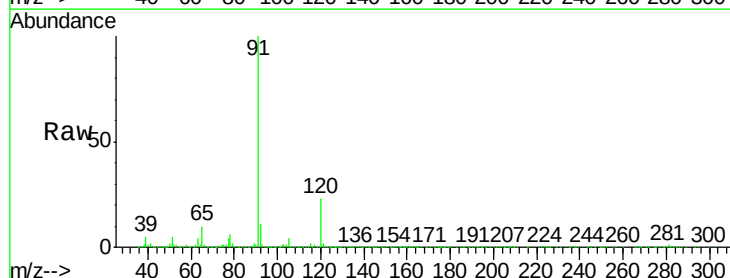
RT: 11.35 min Scan# 1717

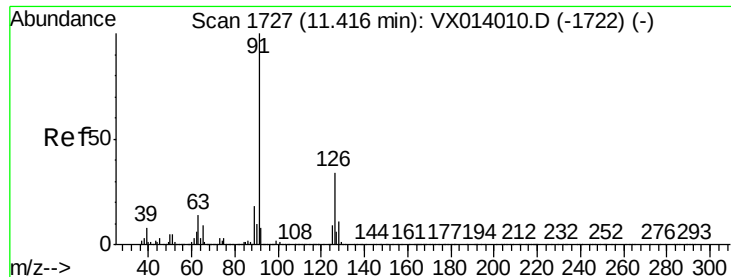
Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	91	Resp:	770239
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.517 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion: 91 Resp: 459476

Ion Ratio Lower Upper

91 100

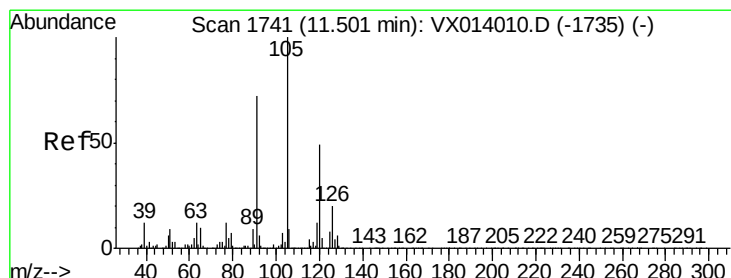
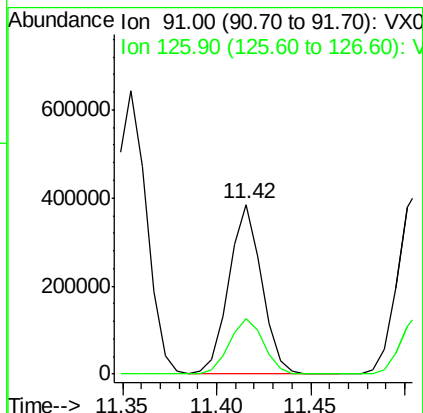
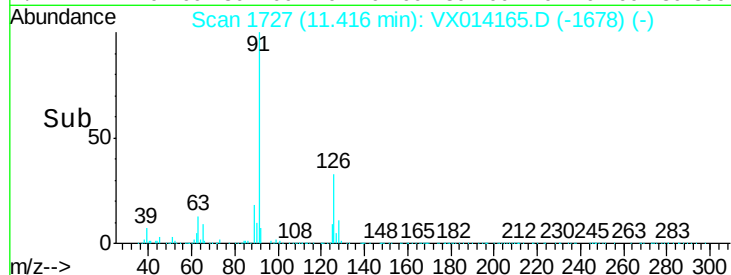
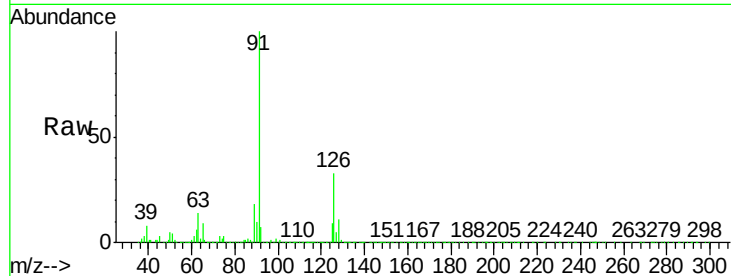
126 34.6 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.750 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014165.D

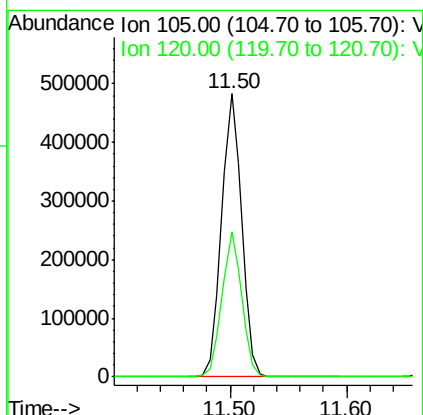
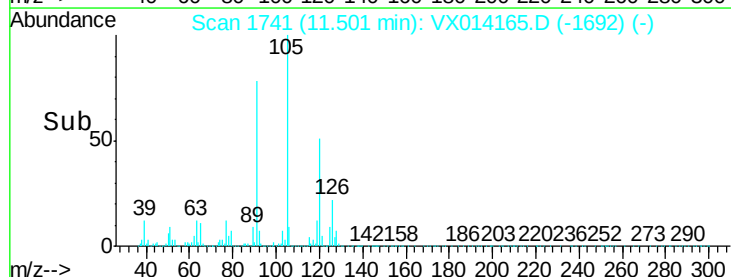
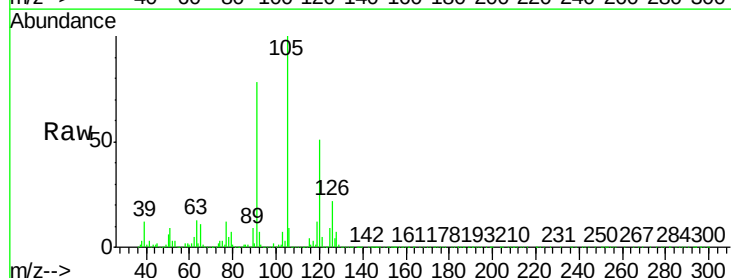
Acq: 20 Dec 2019 11:36

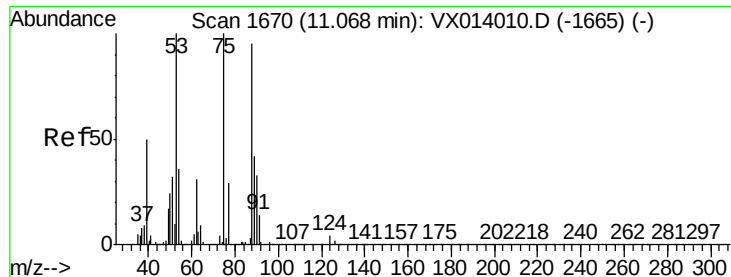
Tgt Ion: 105 Resp: 573554

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





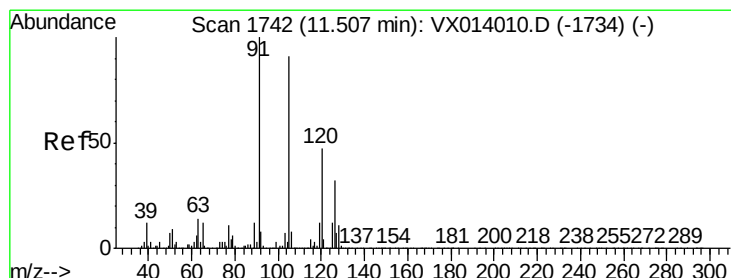
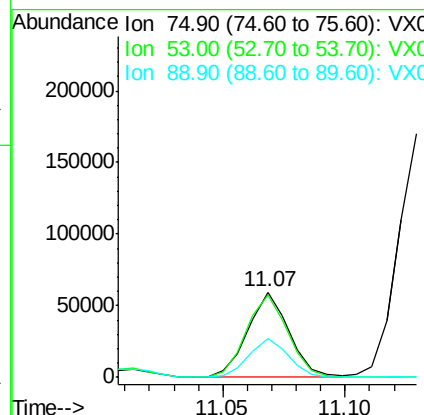
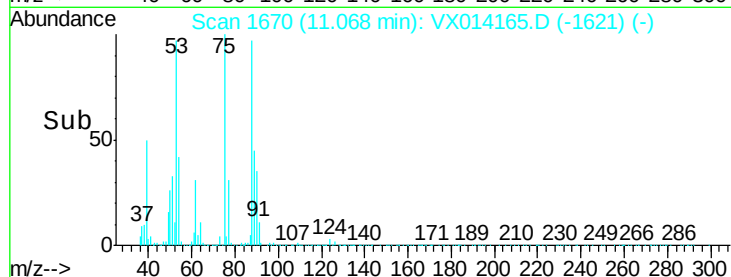
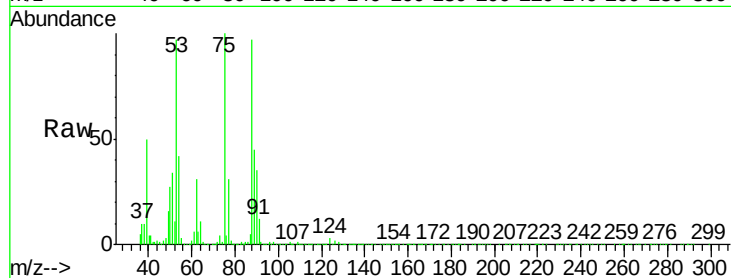
#81
trans-1,4-Dichloro-2-butene
Concen: 19.375 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	76.7	115.1
89	43.9	34.6	51.8

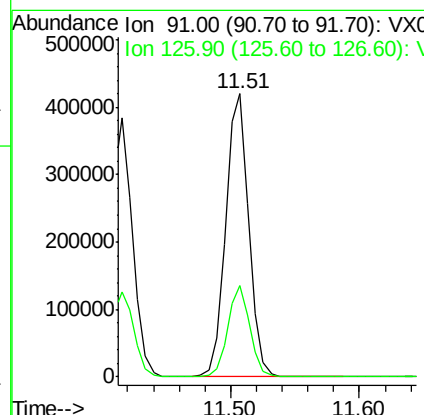
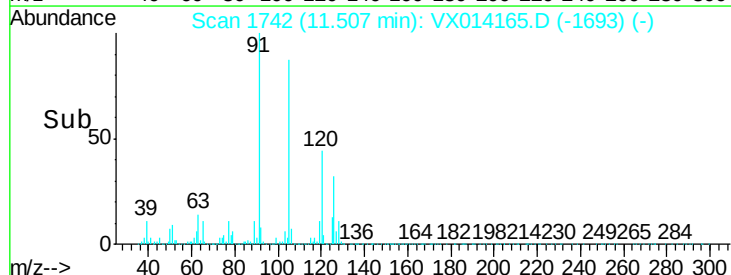
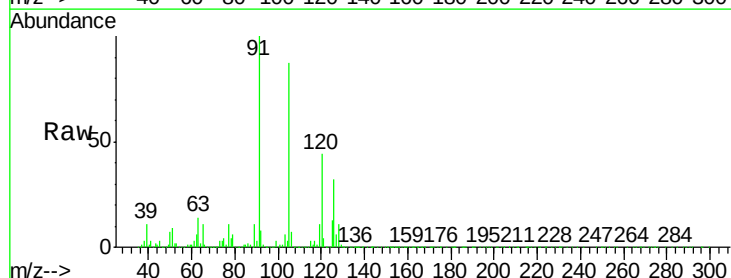
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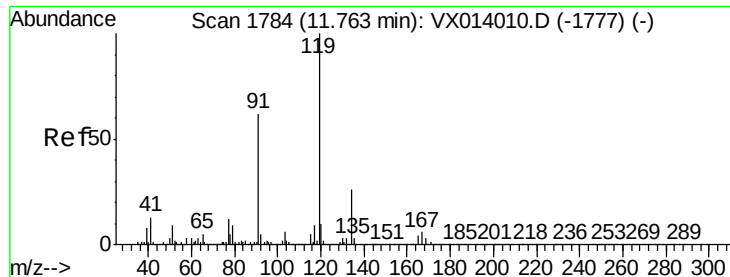
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#82
4-Chlorotoluene
Concen: 20.260 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8





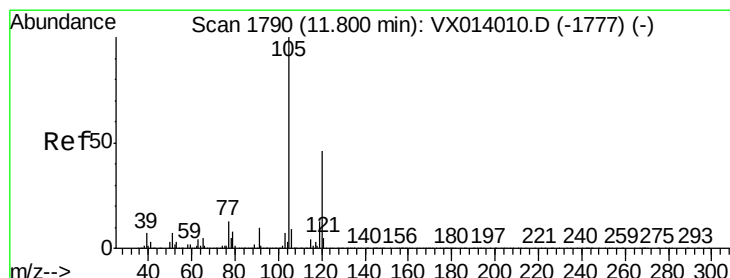
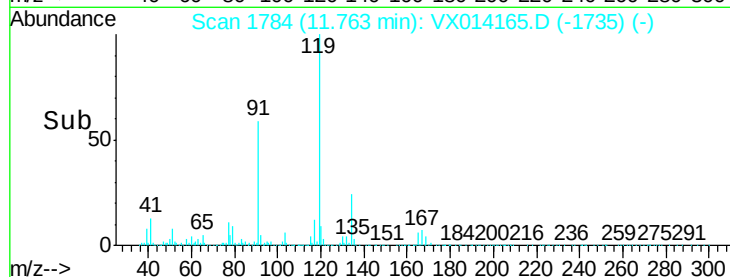
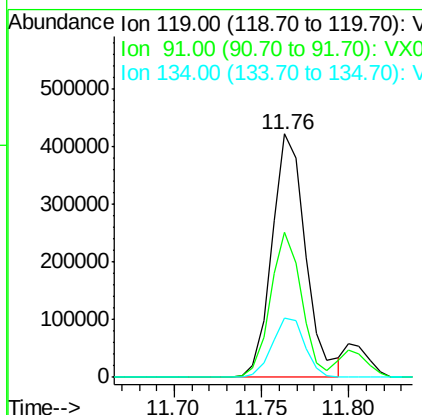
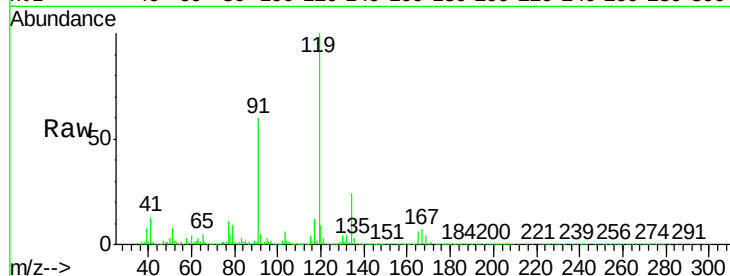
#83
tert-Butylbenzene
Concen: 20.919 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	562717		
91	55.2	28.5	85.6	
134	23.9	12.2	36.6	

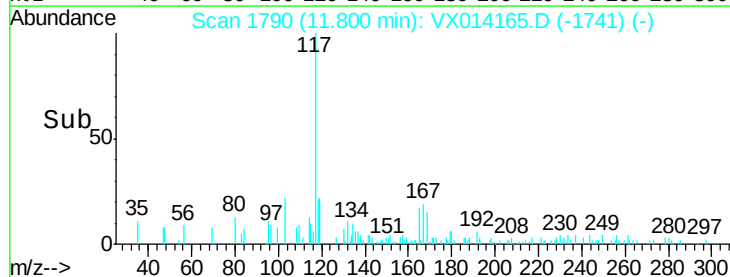
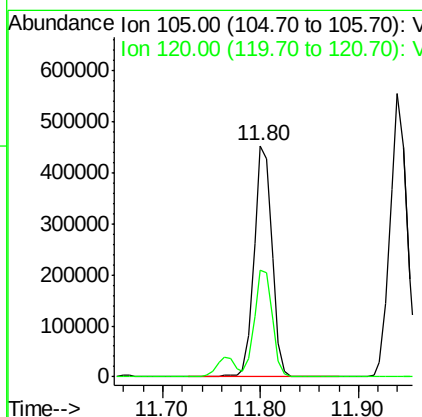
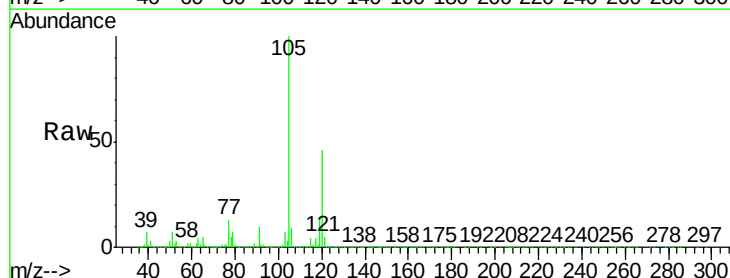
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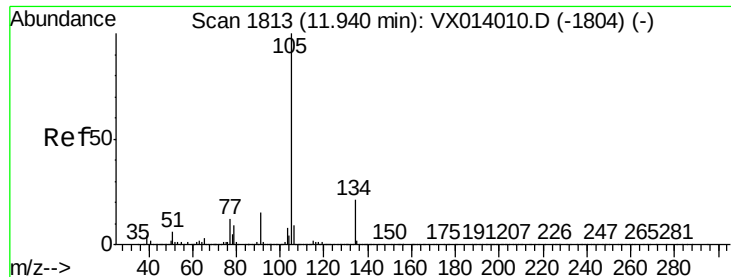
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#84
1,2,4-Trimethylbenzene
Concen: 20.638 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	571293		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.776 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tot Ion:105 Resp: 659765

Ion Ratio Lower Upper

105 100

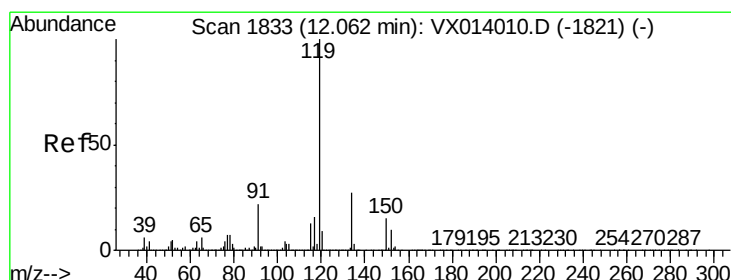
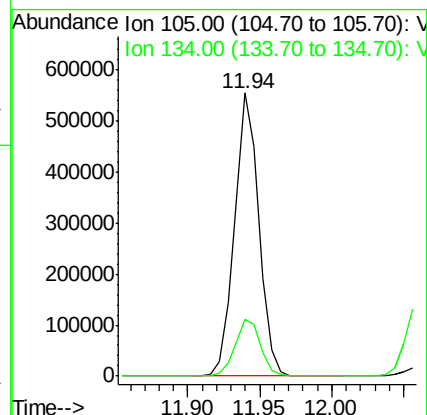
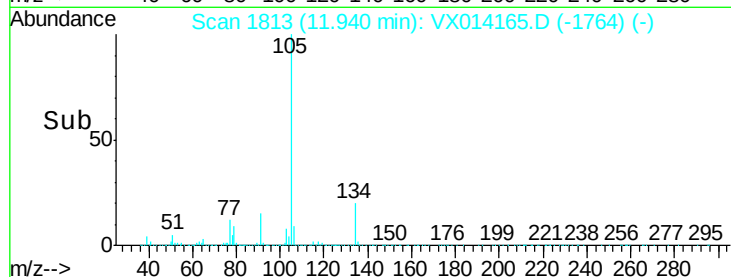
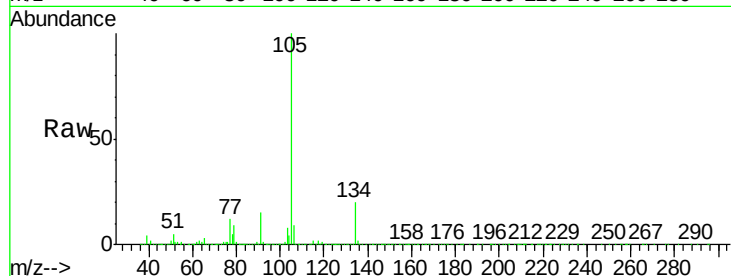
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 21.034 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

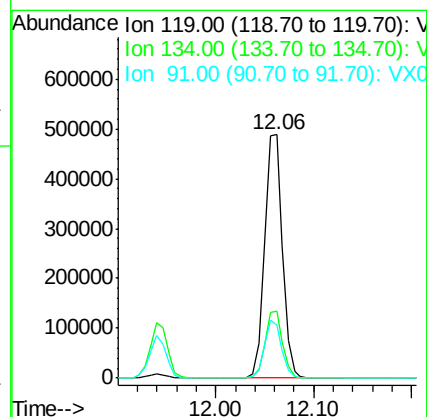
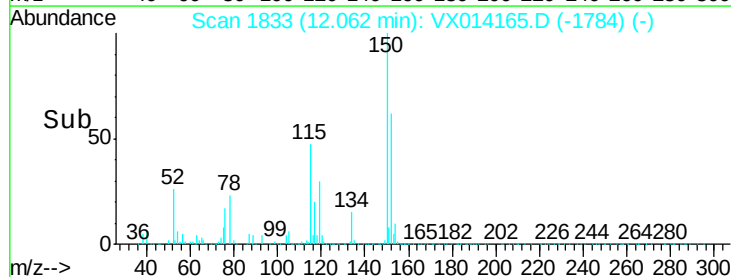
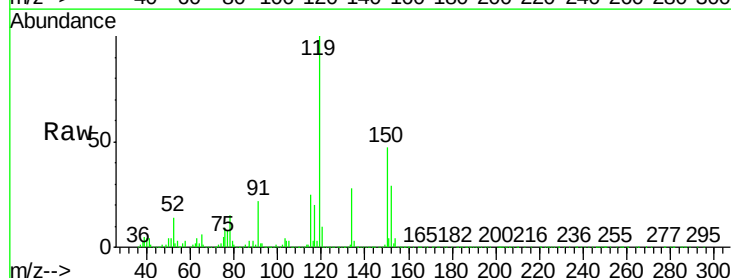
Tgt Ion:119 Resp: 611008

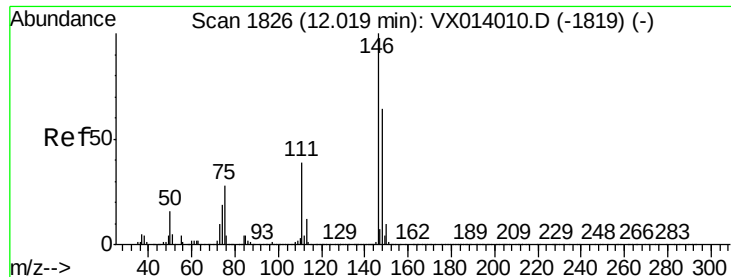
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.911 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Instrument :

MSVOA_X

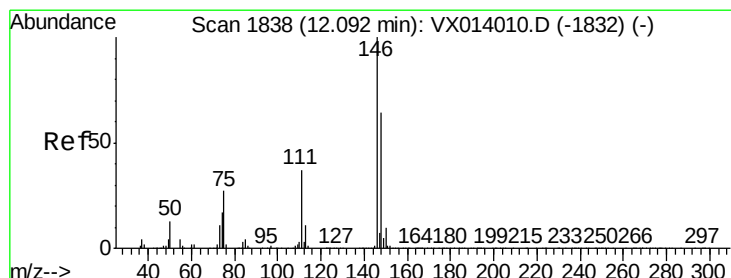
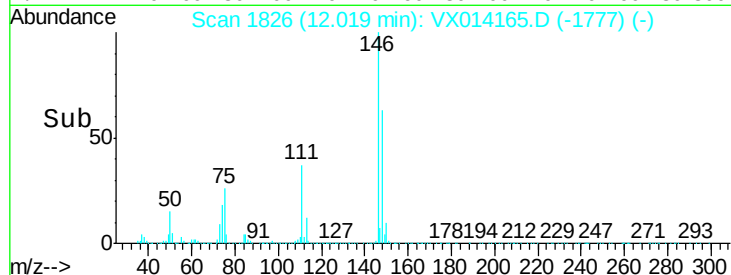
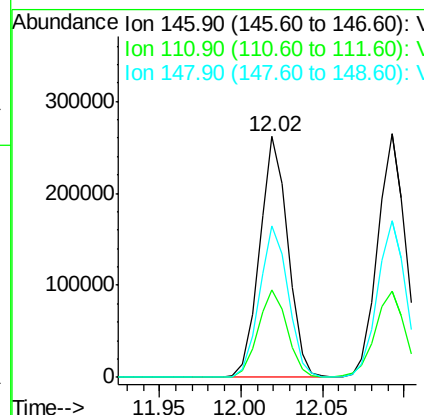
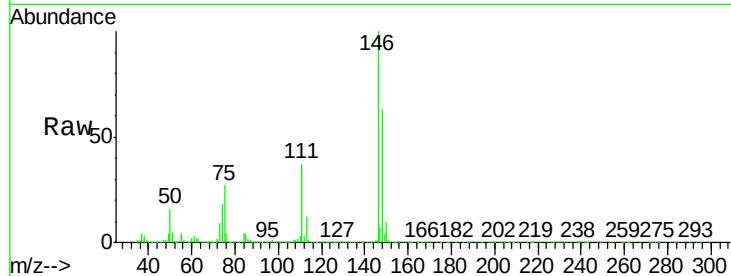
ClientSampleId :

VX1220WBS01

Tot Ion:	146	Resp:	315348
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 19.555 ug/l

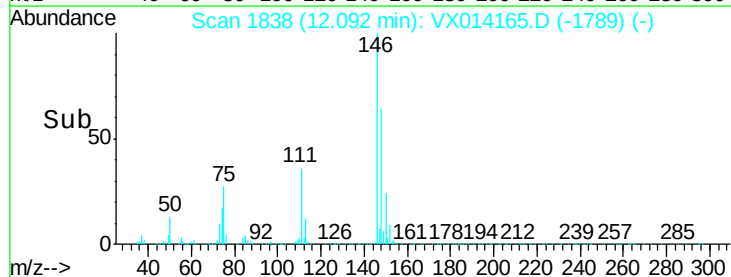
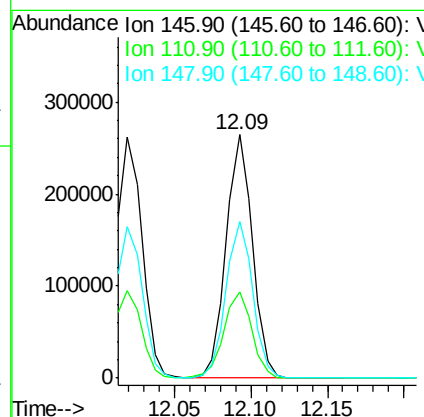
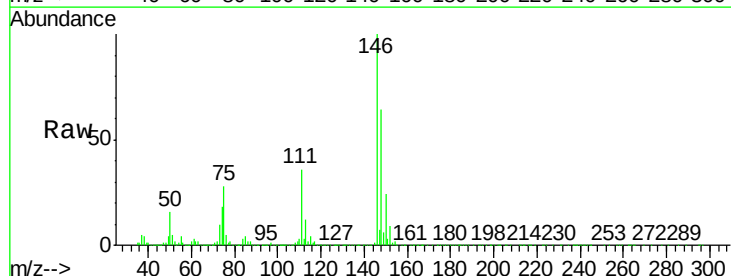
RT: 12.09 min Scan# 1838

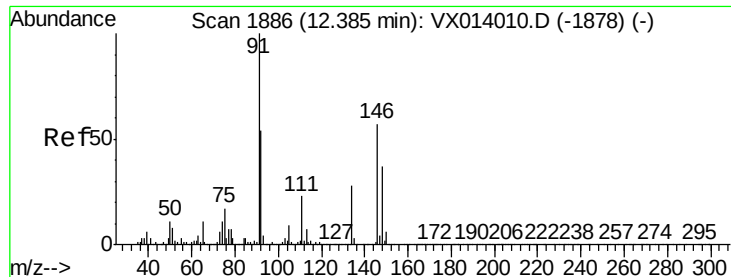
Delta R.T. 0.00 min

Lab File: VX014165.D

Acq: 20 Dec 2019 11:36

Tgt Ion:	146	Resp:	314906
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.7	56.1
148	65.5	31.9	95.9





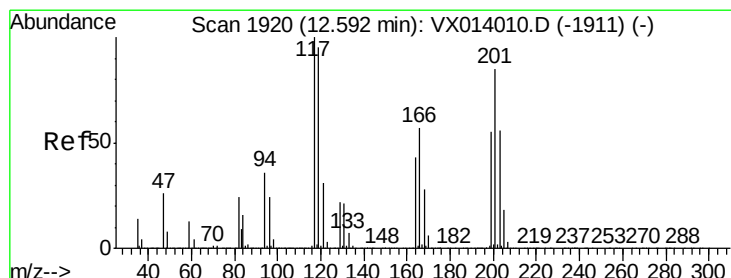
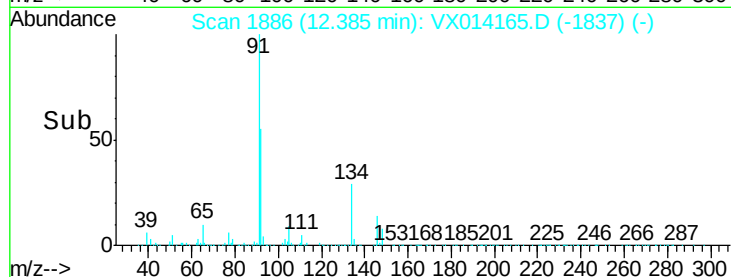
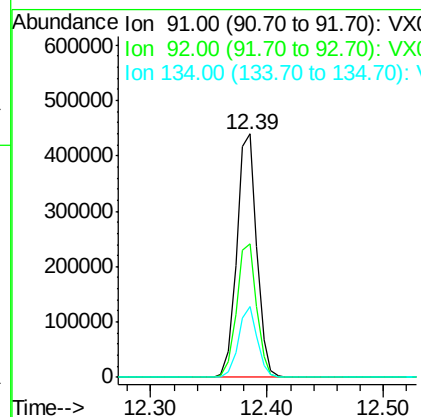
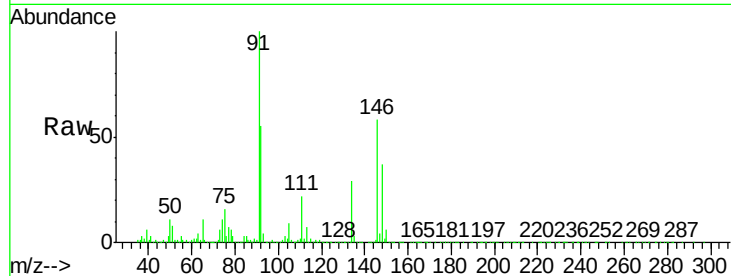
#89
n-Butylbenzene
Concen: 21.232 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.2	81.6	
134	27.5	13.4	40.1	

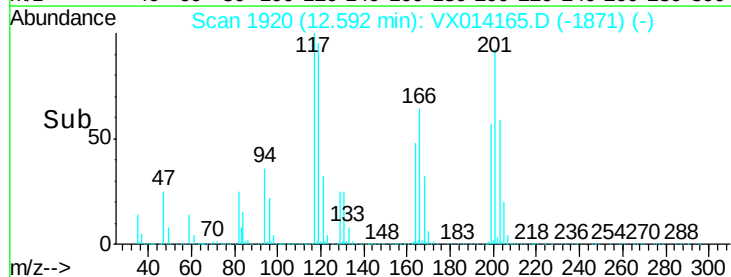
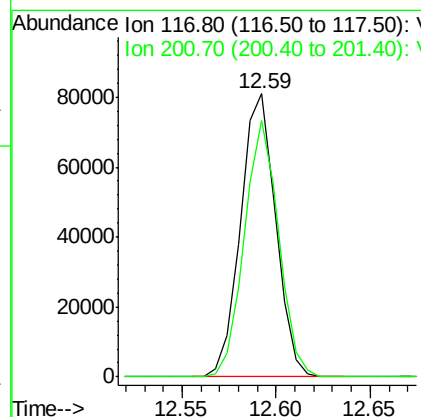
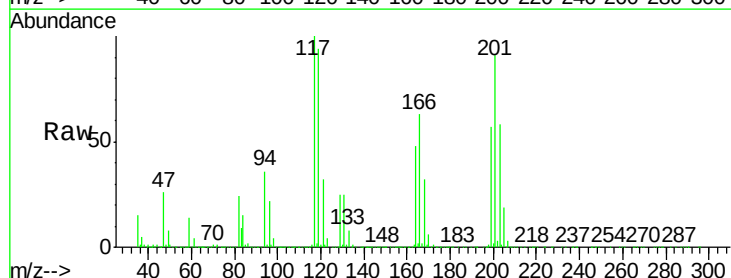
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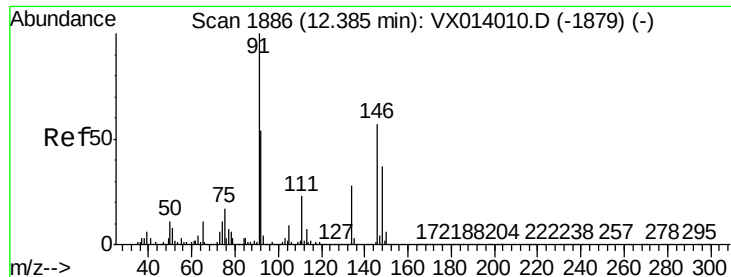
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#90
Hexachloroethane
Concen: 19.986 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.1	43.1	129.3	





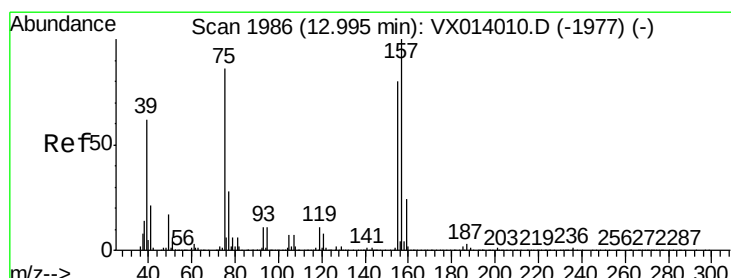
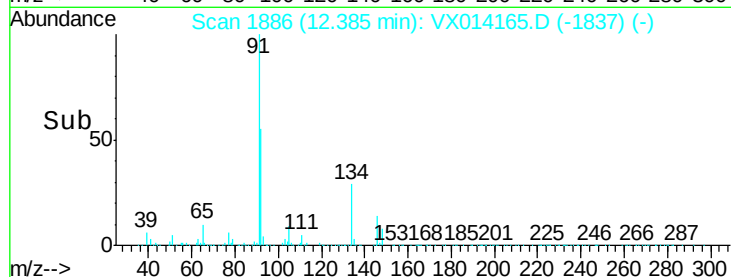
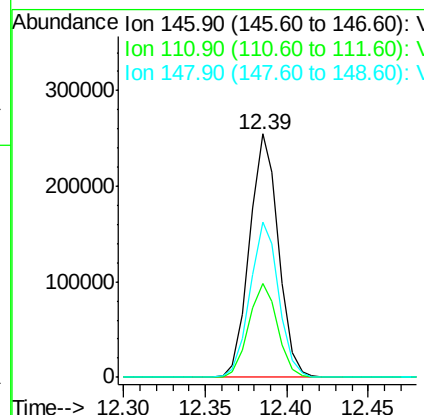
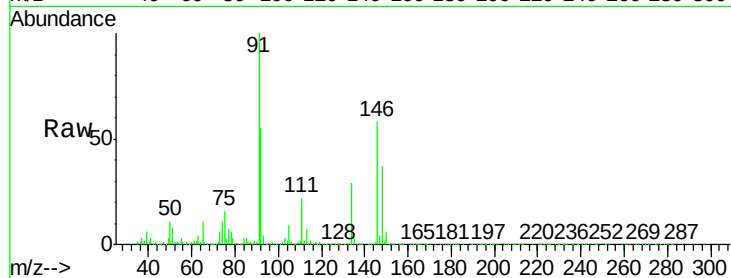
#91
 1,2-Dichlorobenzene
 Concen: 19.713 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.3	32.1	96.5

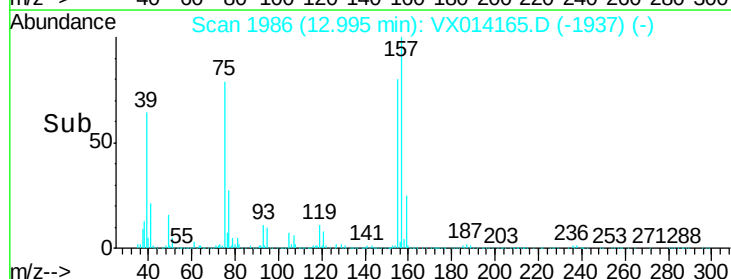
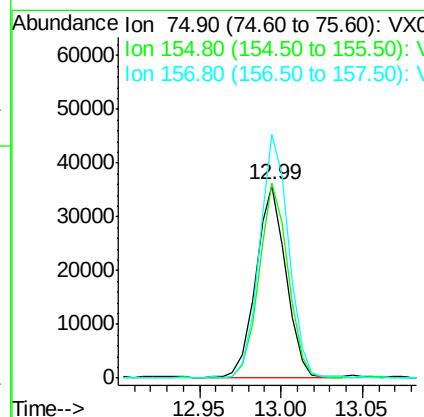
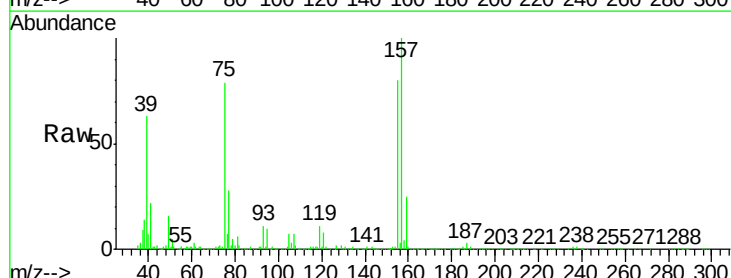
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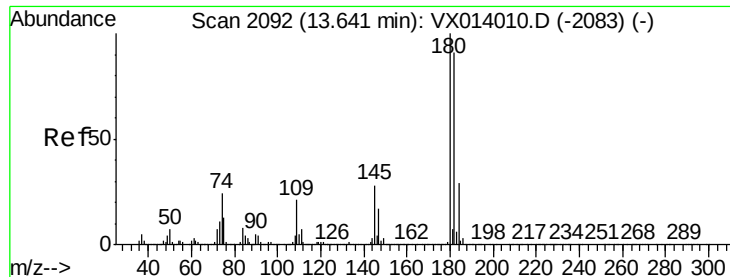
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.137 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	46.9	140.6
157	124.3	60.8	182.4





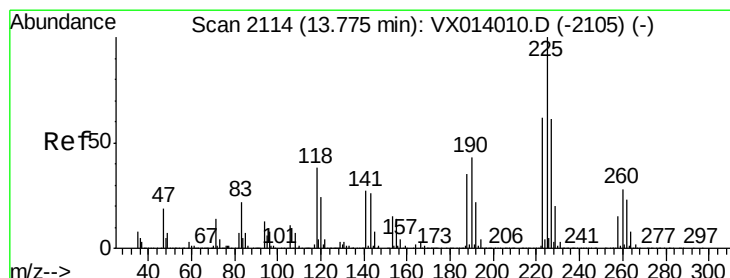
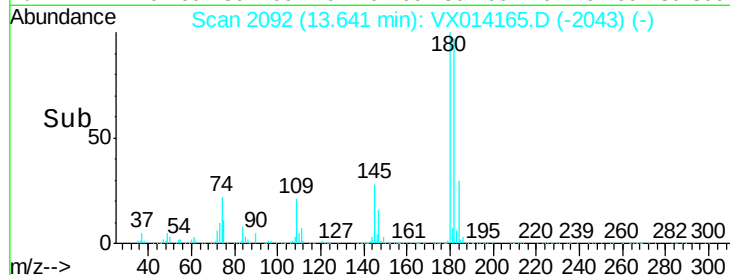
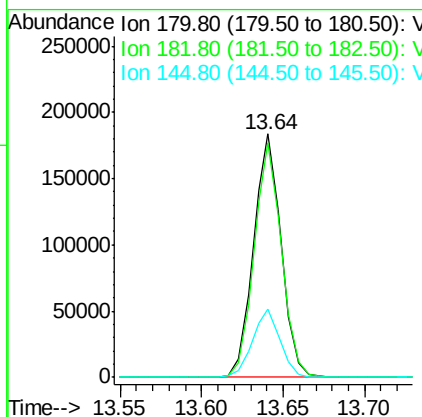
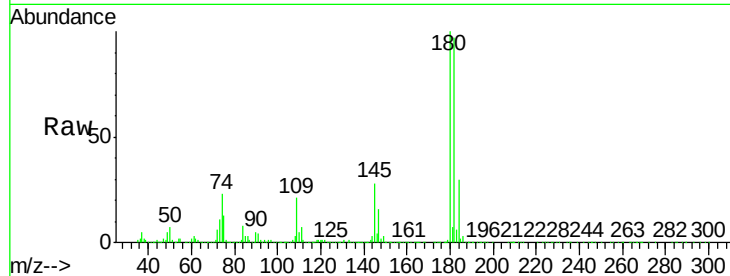
#93
 1,2,4-Trichlorobenzene
 Concen: 20.820 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215739		
182	95.8	46.6	139.8	
145	28.0	14.2	42.6	

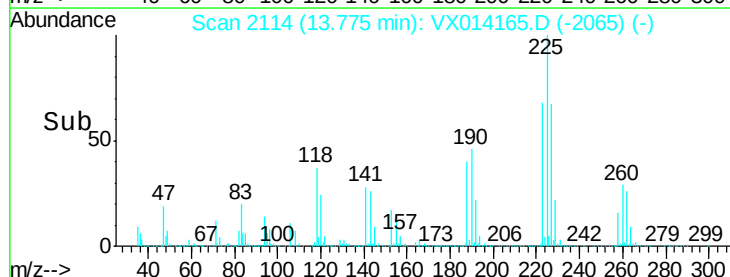
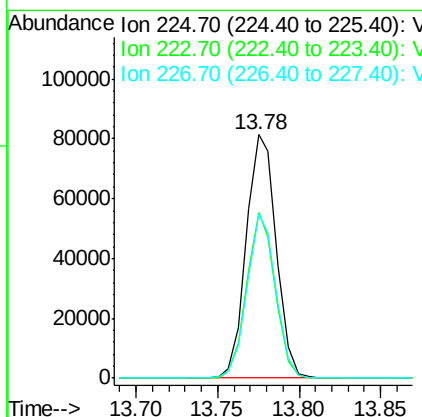
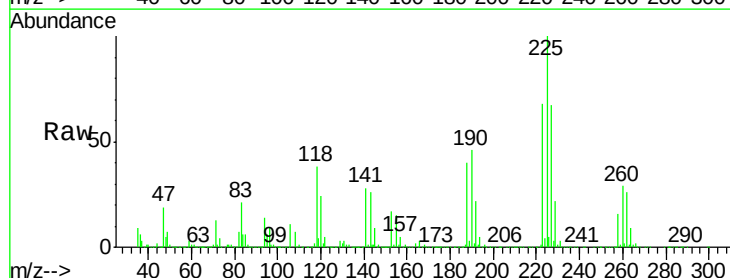
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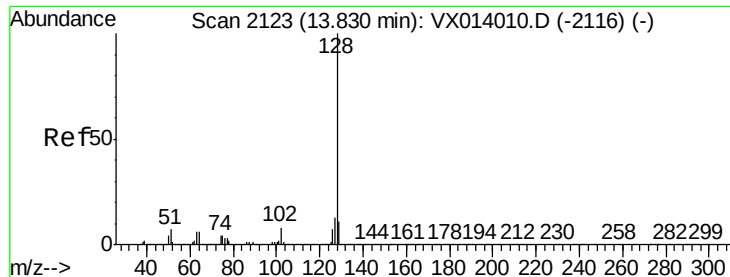
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#94
 Hexachlorobutadiene
 Concen: 20.920 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014165.D
 Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104183		
223	64.6	30.9	92.5	
227	64.5	30.9	92.7	





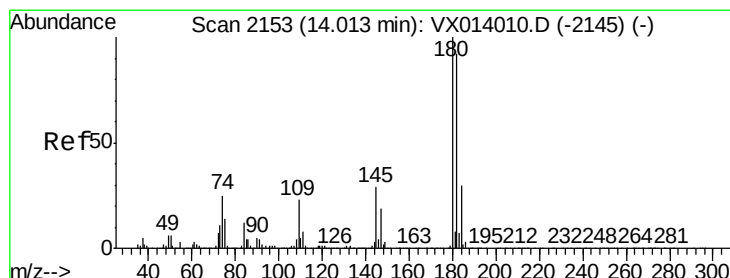
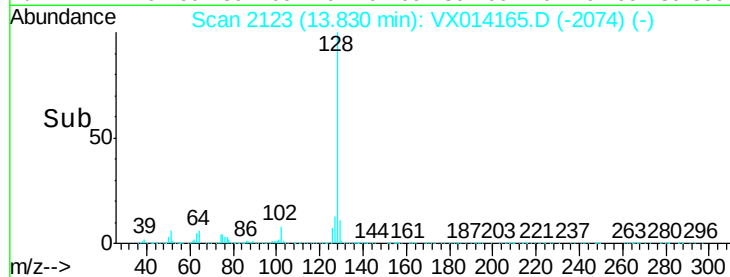
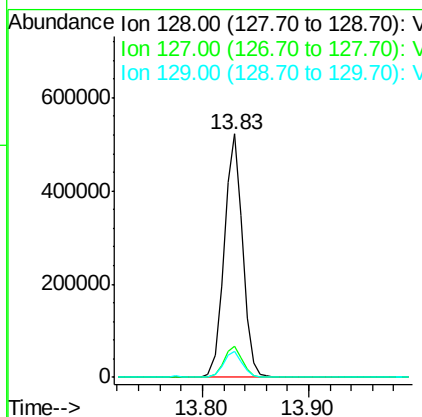
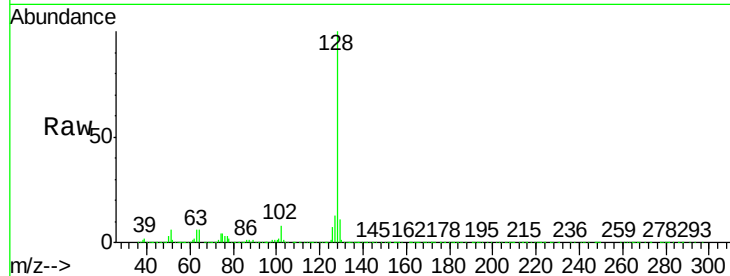
#95
Naphthalene
Concen: 20.606 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/23/2019 10:25:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.557 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014165.D
Acq: 20 Dec 2019 11:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.7	46.8	140.3
145	30.2	14.8	44.4

