

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013918.D
 Acq On : 10 Dec 2019 23:47
 Operator : JC/SP
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Manual Integrations
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Quant Time: Dec 11 04:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	881604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	384045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289372	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
35) Dibromofluoromethane	5.49	113	248914	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
50) Toluene-d8	8.71	98	913930	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
62) 4-Bromofluorobenzene	11.14	95	327377	42.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104434	16.841	ug/l	97
3) Chloromethane	1.32	50	124353	17.871	ug/l	99
4) Vinyl Chloride	1.40	62	144733	18.480	ug/l	99
5) Bromomethane	1.63	94	85464	16.249	ug/l	98
6) Chloroethane	1.72	64	82883	18.598	ug/l	98
7) Trichlorofluoromethane	1.92	101	156321	17.975	ug/l	98
8) Diethyl Ether	2.18	74	75222	19.119	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95015	17.887	ug/l	99
10) Methyl Iodide	2.50	142	109688	17.071	ug/l	99
11) Tert butyl alcohol	3.03	59	142990	89.576	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95911	18.089	ug/l	95
13) Acrolein	2.28	56	82076	81.039	ug/l	99
14) Allyl chloride	2.72	41	168181	17.479	ug/l	99
15) Acrylonitrile	3.13	53	320426	97.244	ug/l	98
16) Acetone	2.43	43	291860	91.409	ug/l	100
17) Carbon Disulfide	2.56	76	233348	15.438	ug/l	99
18) Methyl Acetate	2.76	43	189158	21.275	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	335810	19.118	ug/l	100
20) Methylene Chloride	2.85	84	116214	18.945	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	103069	17.844	ug/l	98
22) Diisopropyl ether	3.84	45	365866	19.747	ug/l	93
23) Vinyl Acetate	3.80	43	1456990	94.529	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196546	19.405	ug/l	99
25) 2-Butanone	4.66	43	450870	95.014	ug/l	99
26) 2,2-Dichloropropane	4.57	77	119691	14.283	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	122580	18.480	ug/l	98
28) Bromochloromethane	5.01	49	83589	20.877	ug/l	97
29) Tetrahydrofuran	5.11	42	289138	98.840	ug/l	99
30) Chloroform	5.20	83	190812	18.576	ug/l	96
31) Cyclohexane	5.57	56	164974	17.269	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	157233	18.317	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138666	17.327	ug/l	99
37) Ethyl Acetate	4.82	43	169324	18.860	ug/l	98
38) Carbon Tetrachloride	5.78	117	128422	17.403	ug/l	99

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Manual Integrations
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Quant Time: Dec 11 04:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159199	16.093	ug/l	97
40) Benzene	6.14	78	443026	18.176	ug/l	98
41) Methacrylonitrile	5.03	41	96224	19.543	ug/l	97
42) 1,2-Dichloroethane	6.18	62	152300	18.322	ug/l	99
43) Isopropyl Acetate	6.43	43	274505	18.572	ug/l	99
44) Trichloroethene	7.21	130	117809	17.612	ug/l	97
45) 1,2-Dichloropropane	7.51	63	114422	18.763	ug/l	97
46) Dibromomethane	7.65	93	74537	17.996	ug/l	99
47) Bromodichloromethane	7.89	83	145347	18.563	ug/l	99
48) Methyl methacrylate	7.76	41	135626	18.886	ug/l	99
49) 1,4-Dioxane	7.73	88	55885	347.655	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	895852	96.357	ug/l	99
52) Toluene	8.78	92	274961	18.159	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145965	16.378	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	167283	17.180	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116025	19.015	ug/l	98
56) Ethyl methacrylate	9.17	69	179205	18.267	ug/l	99
57) 1,3-Dichloropropane	9.37	76	196074	18.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349131	90.769	ug/l	100
59) 2-Hexanone	9.48	43	678507	93.572	ug/l	98
60) Dibromochloromethane	9.57	129	114435	18.071	ug/l	100
61) 1,2-Dibromoethane	9.67	107	119372	18.317	ug/l	100
64) Tetrachloroethene	9.33	164	113740	19.344	ug/l	97
65) Chlorobenzene	10.14	112	293041	17.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108400	18.440	ug/l	99
67) Ethyl Benzene	10.25	91	514601	18.293	ug/l	100
68) m/p-Xylenes	10.35	106	387263	35.958	ug/l	100
69) o-Xylene	10.70	106	192703	18.346	ug/l	100
70) Styrene	10.71	104	319859	18.103	ug/l	99
71) Bromoform	10.85	173	85053	17.487	ug/l #	100
73) Isopropylbenzene	11.01	105	503861	18.704	ug/l	100
74) N-amyl acetate	10.89	43	226086	18.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181916	19.472	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165141m	19.118	ug/l	
77) Bromobenzene	11.25	156	132534	18.211	ug/l	97
78) n-propylbenzene	11.35	91	551239	18.330	ug/l	99
79) 2-Chlorotoluene	11.42	91	335110	18.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	416579	18.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47813	15.144	ug/l	93
82) 4-Chlorotoluene	11.51	91	380875	18.229	ug/l	100
83) tert-Butylbenzene	11.76	119	410159	18.279	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	416663	18.594	ug/l	100
85) sec-Butylbenzene	11.94	105	471131	18.382	ug/l	99
86) p-Isopropyltoluene	12.06	119	429049	17.994	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	225590	17.782	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	227382	17.597	ug/l	99
89) n-Butylbenzene	12.39	91	343509	16.891	ug/l	100
90) Hexachloroethane	12.59	117	74273	17.234	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	230671	18.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36778	18.078	ug/l	98

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ClientSampleId :
VX1210WBSD02

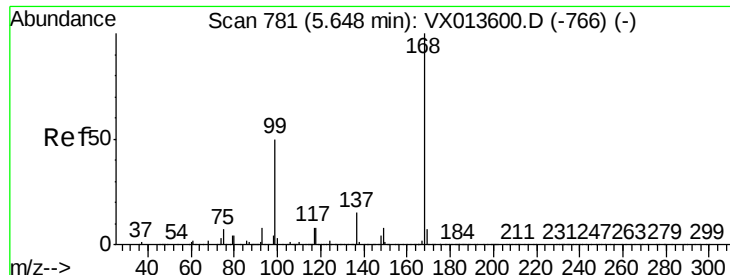
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Quant Time: Dec 11 04:39:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141315	16.177	ug/l	96
94) Hexachlorobutadiene	13.78	225	69293	16.512	ug/l	99
95) Naphthalene	13.83	128	452300	17.386	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146815	16.974	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:168 Resp: 557142

Ion Ratio Lower Upper

168 100

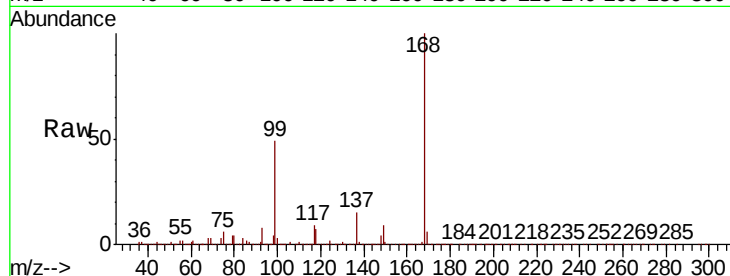
99 49.3 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

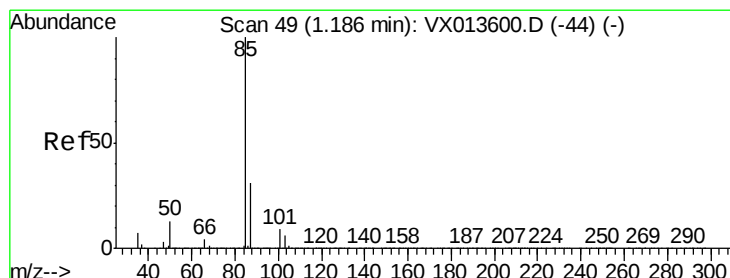
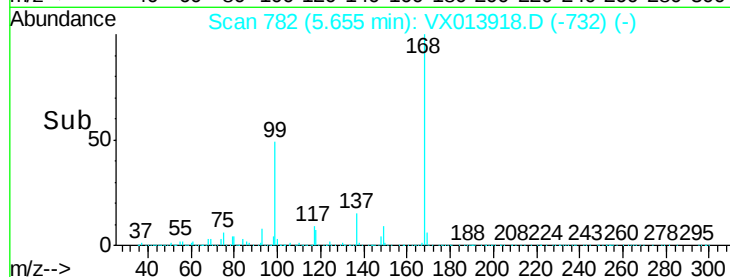
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.841 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013918.D

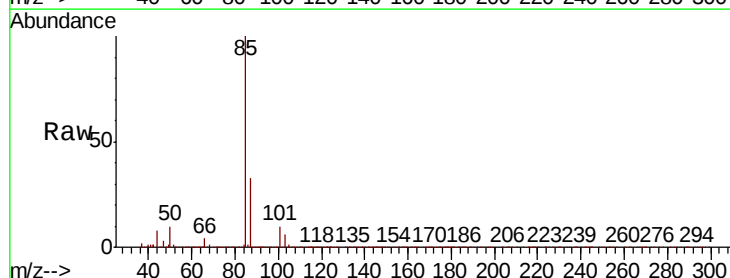
Acq: 10 Dec 2019 23:47

Tgt Ion: 85 Resp: 104434

Ion Ratio Lower Upper

85 100

87 33.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

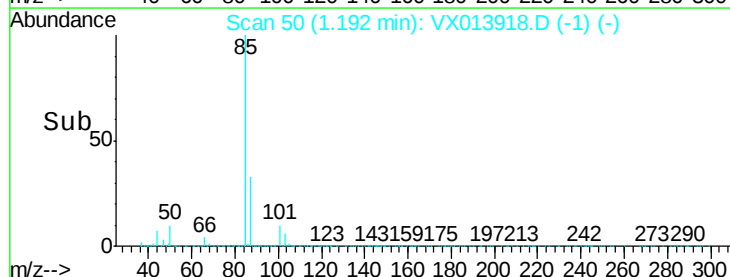
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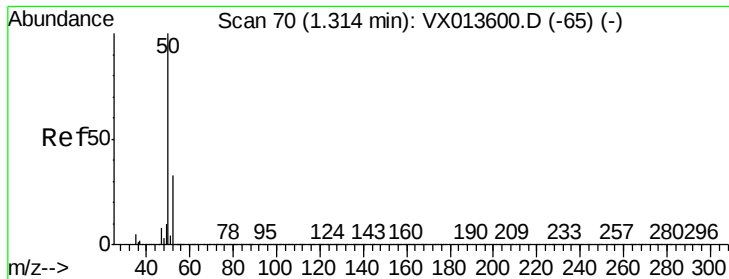
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.871 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 50 Resp: 124353

Ion Ratio Lower Upper

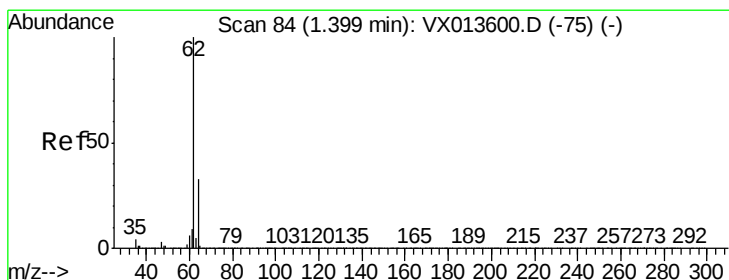
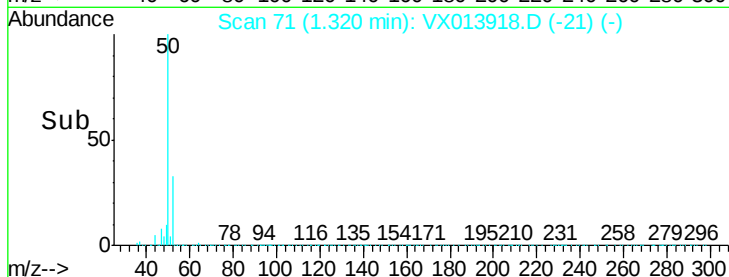
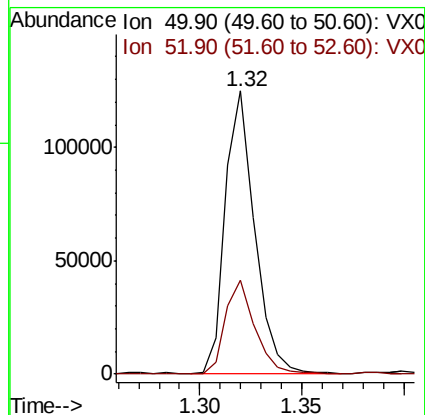
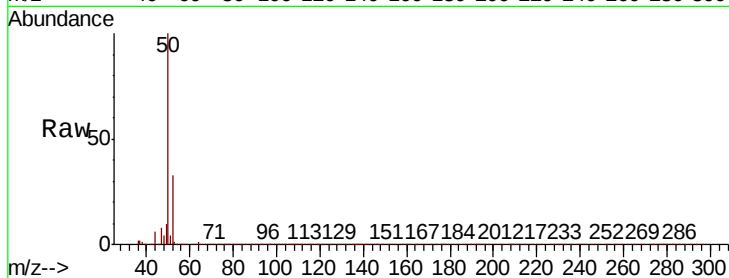
50 100

52 33.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.480 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013918.D

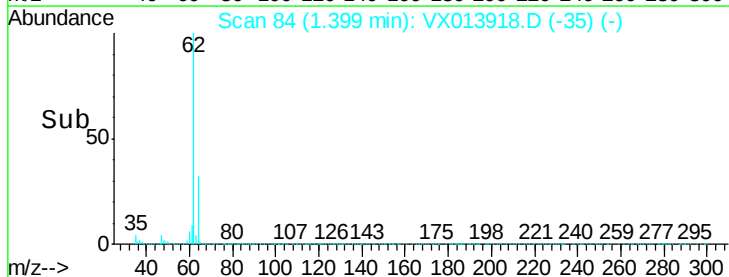
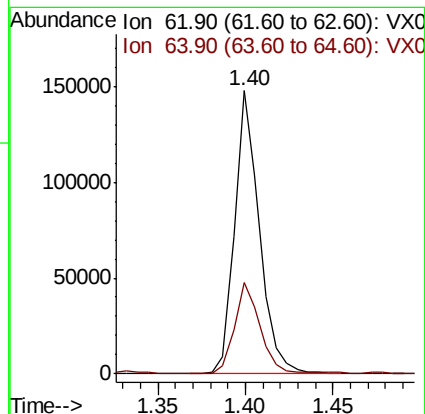
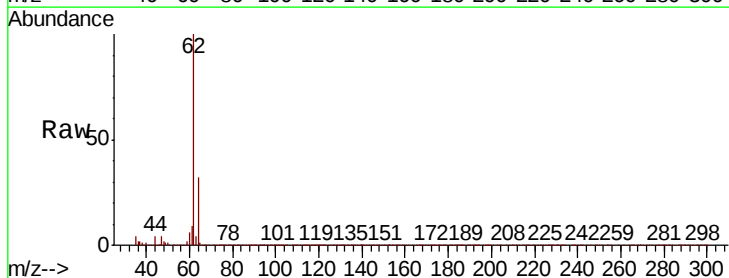
Acq: 10 Dec 2019 23:47

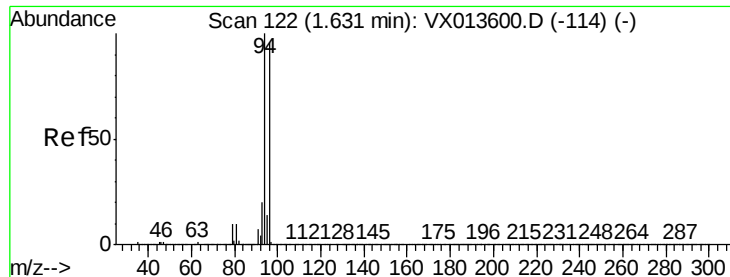
Tgt Ion: 62 Resp: 144733

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 16.249 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 94 Resp: 85464

Ion Ratio Lower Upper

94 100

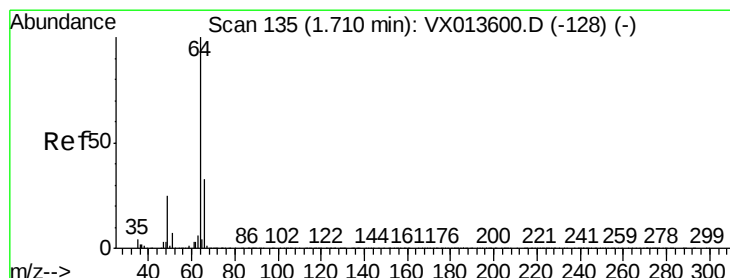
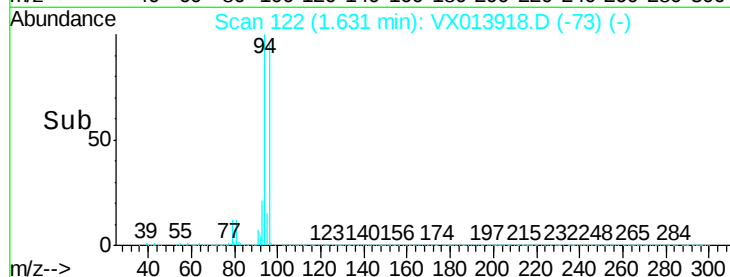
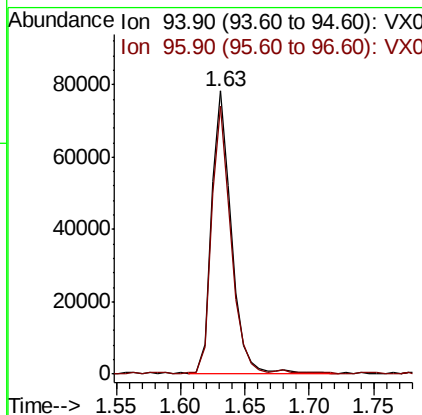
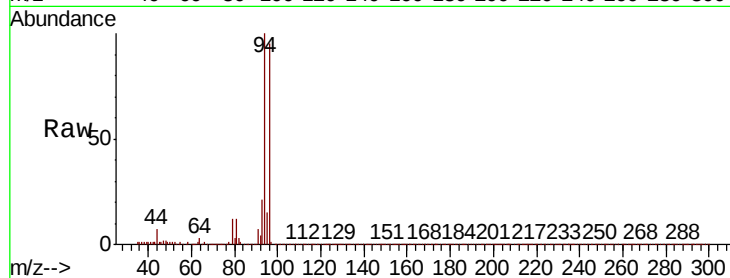
96 94.4 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 18.598 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013918.D

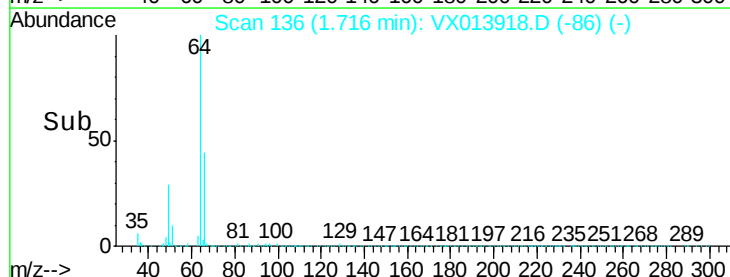
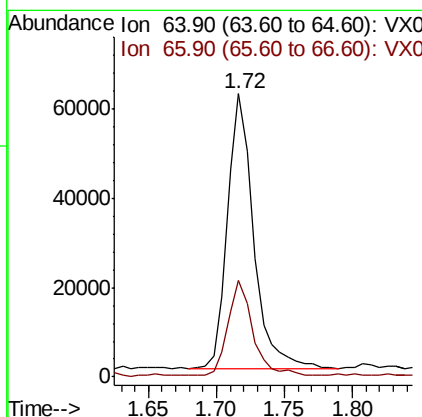
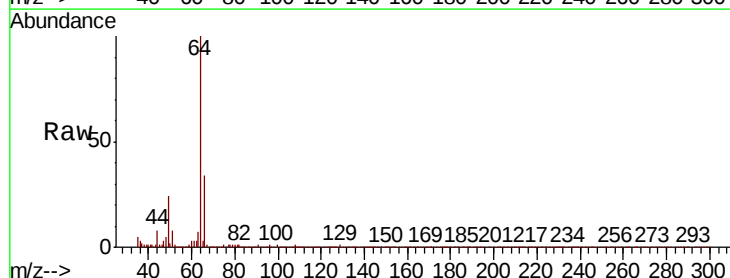
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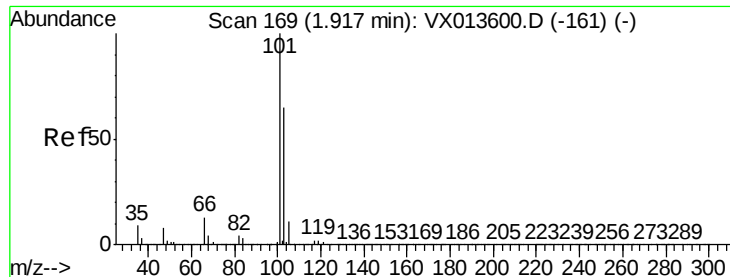
Tgt Ion: 64 Resp: 82883

Ion Ratio Lower Upper

64 100

66 34.8 26.7 40.1





#7

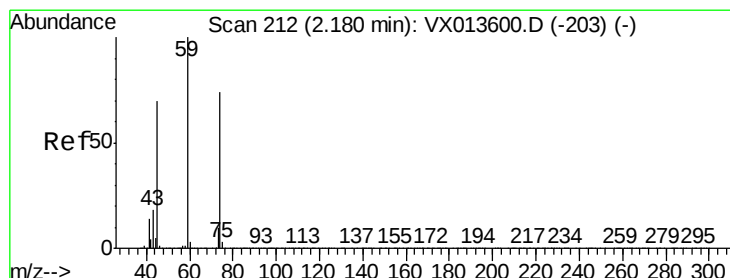
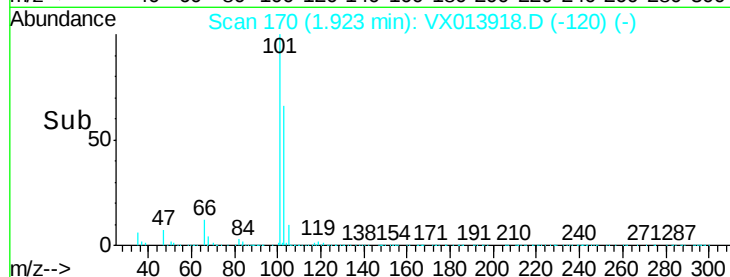
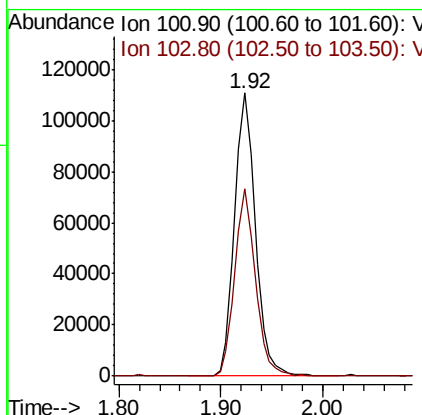
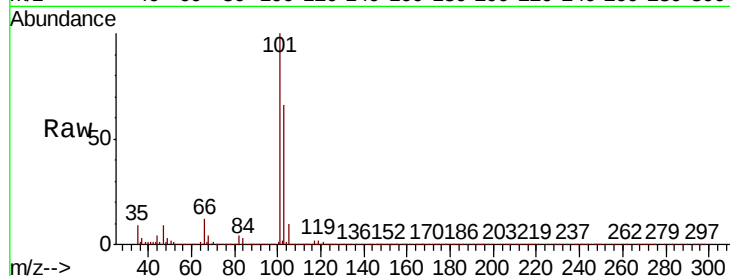
Trichlorofluoromethane
Concen: 17.975 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.8	77.6

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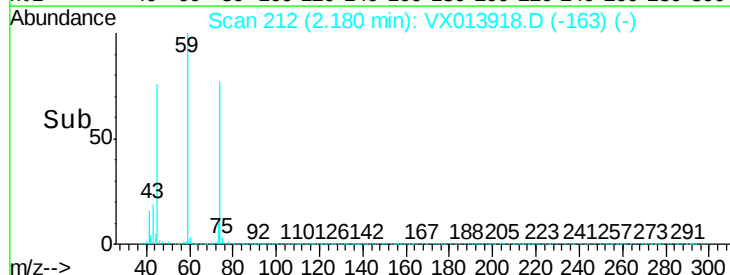
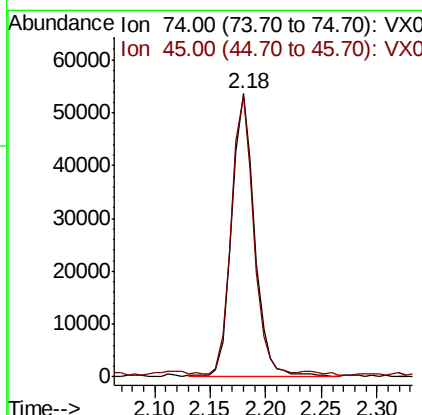
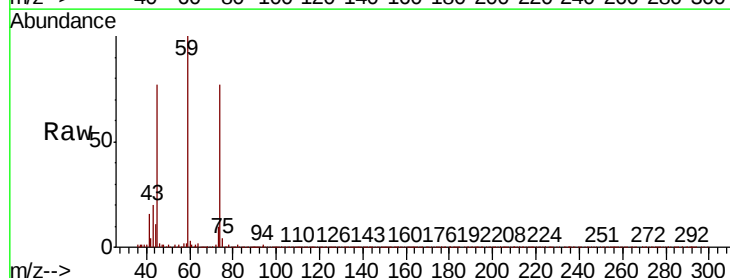
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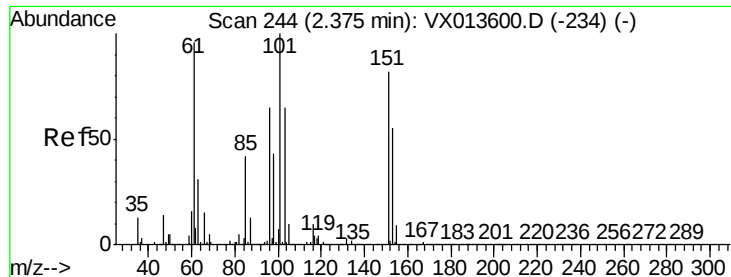


#8

Diethyl Ether
Concen: 19.119 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.887 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

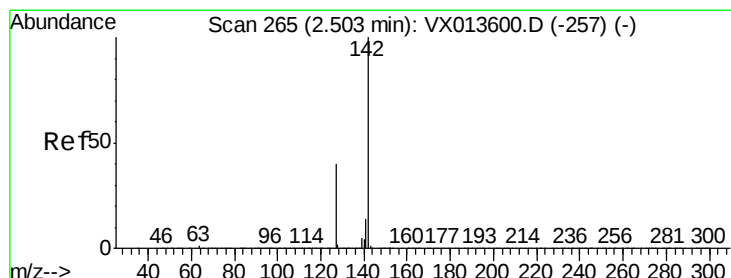
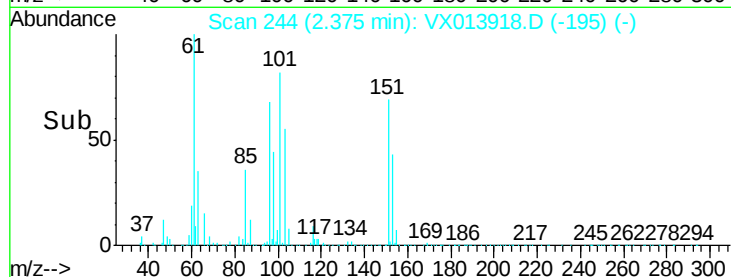
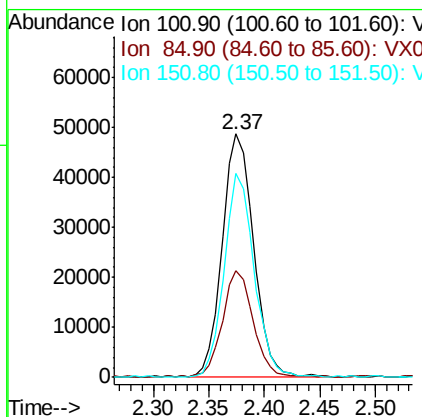
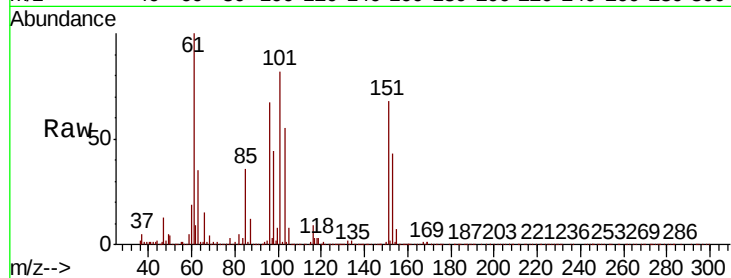
ClientSampleId :

VX1210WBSD02

Tot Ion:	101	Resp:	95015
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.9	50.9
151	80.8	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.071 ug/l

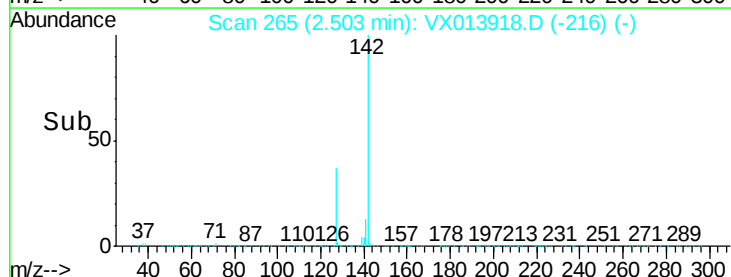
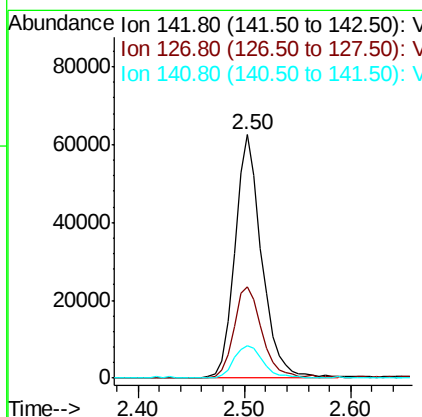
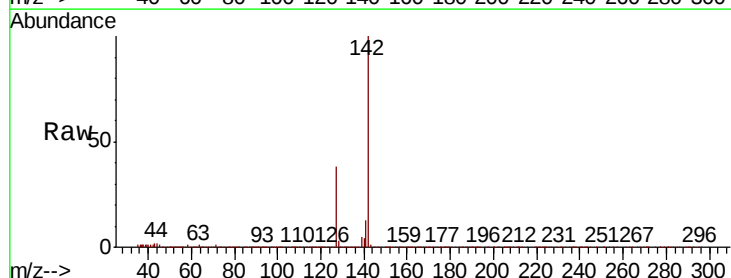
RT: 2.50 min Scan# 265

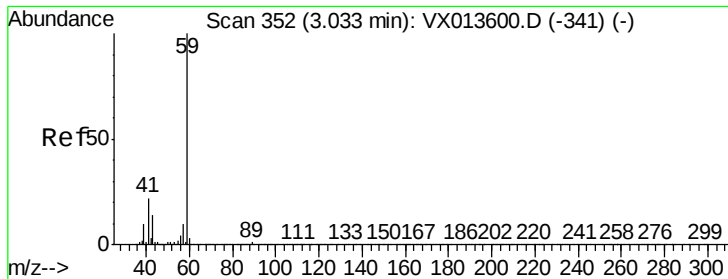
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	142	Resp:	109688
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.0	46.4
141	14.8	11.6	17.4





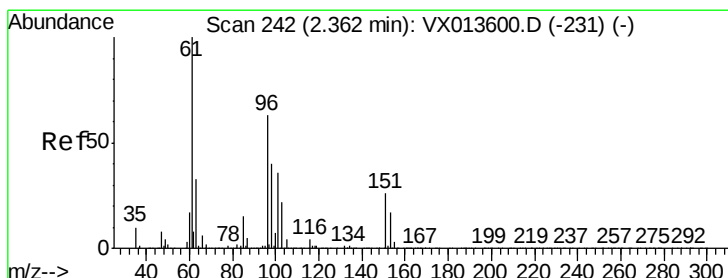
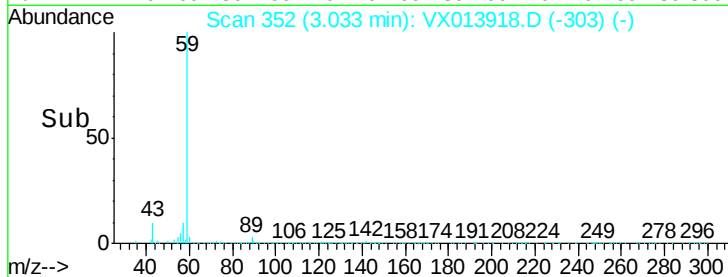
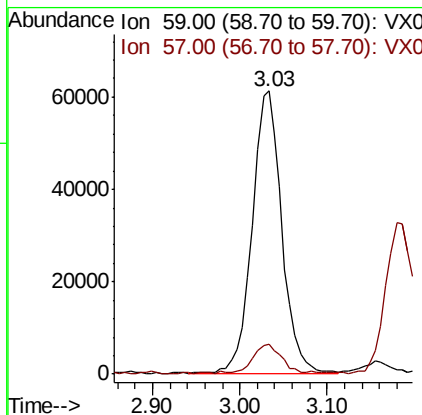
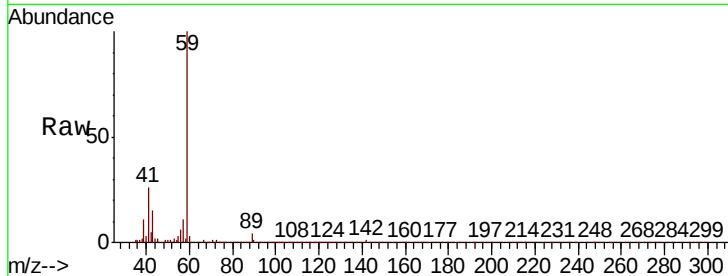
#11
Tert butyl alcohol
Concen: 89.576 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

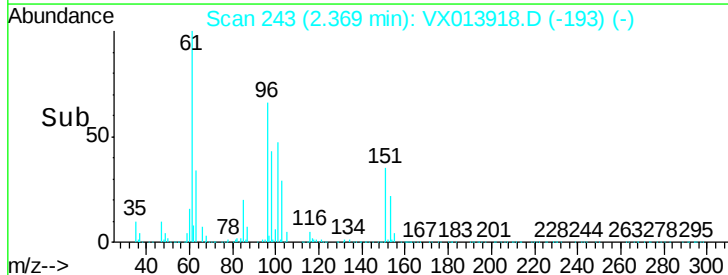
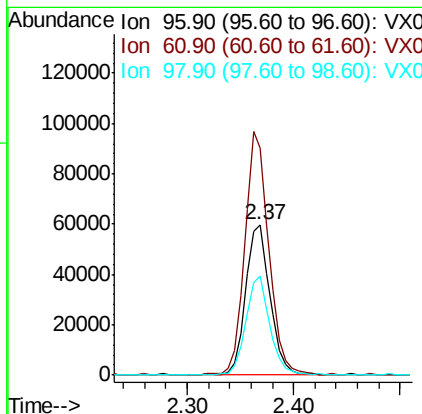
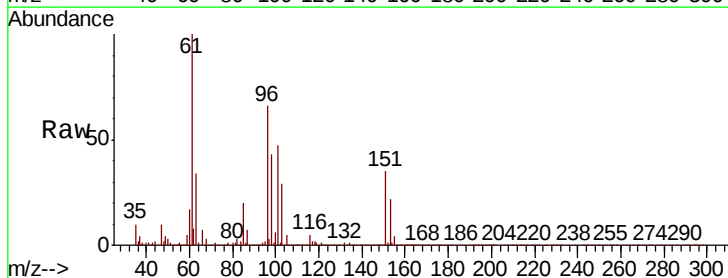
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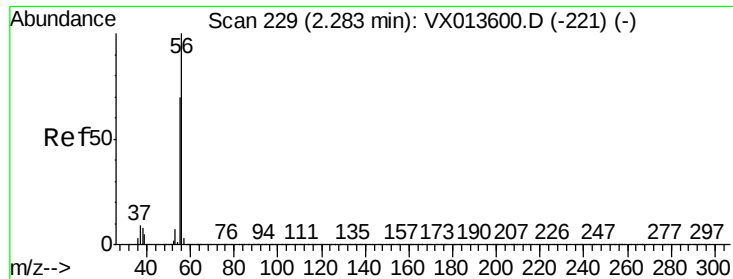
apatel
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#12
1,1-Dichloroethene
Concen: 18.089 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.3	126.6	190.0
98	65.5	50.6	76.0





#13

Acrolein

Concen: 81.039 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 56 Resp: 82076

Ion Ratio Lower Upper

56 100

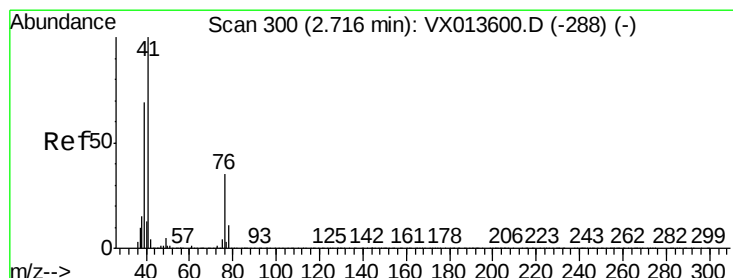
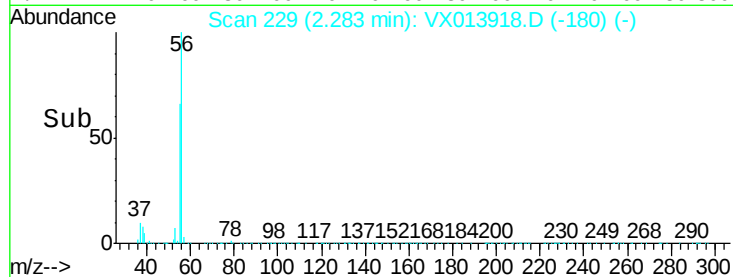
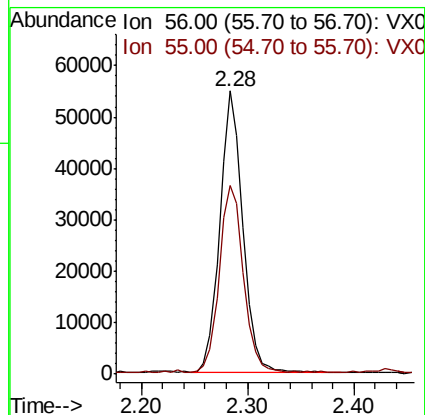
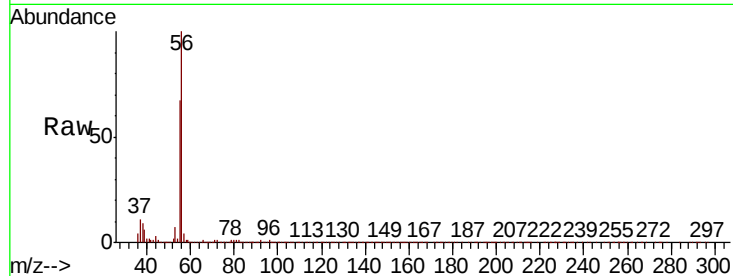
55 69.5 56.2 84.4

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#14

Allyl chloride

Concen: 17.479 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

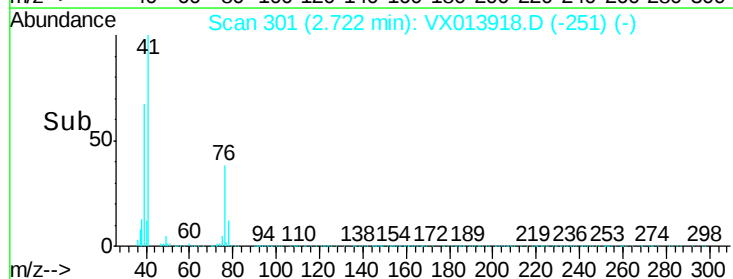
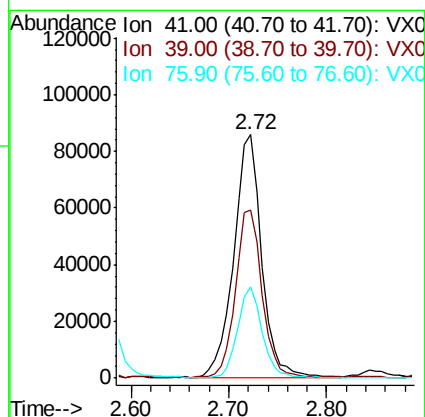
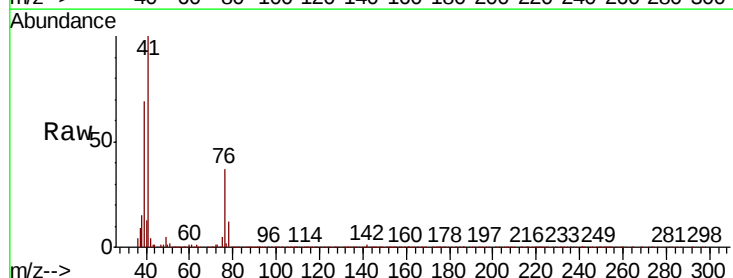
Tgt Ion: 41 Resp: 168181

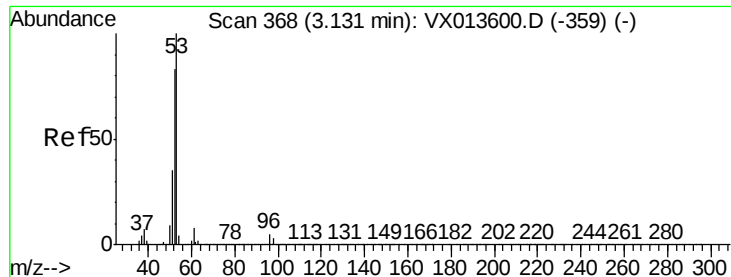
Ion Ratio Lower Upper

41 100

39 65.8 51.7 77.5

76 32.9 25.9 38.9





#15

Acrylonitrile

Concen: 97.244 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

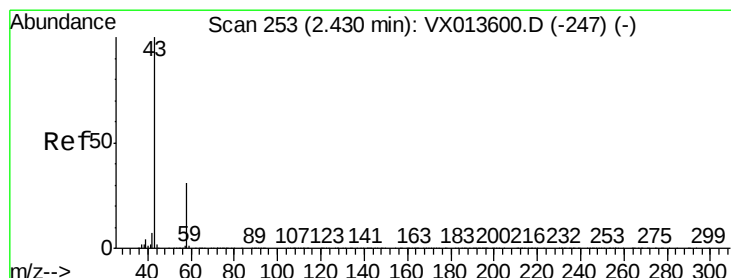
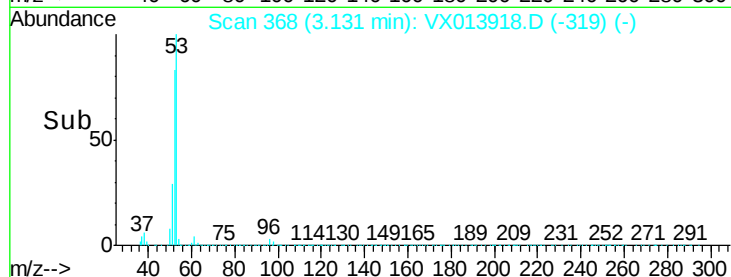
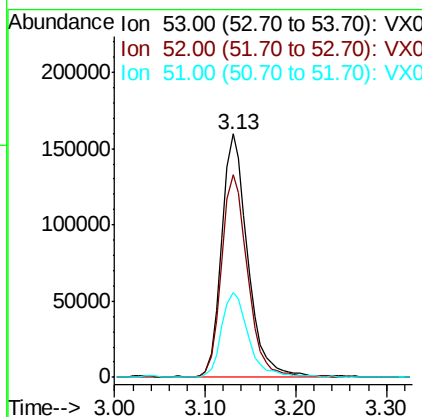
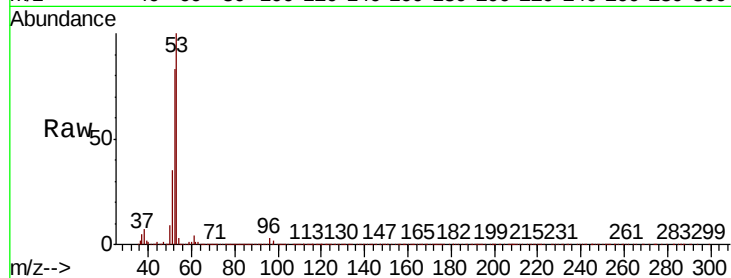
ClientSampleId :

VX1210WBSD02

Tot Ion:	53	Resp:	320426
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.2	99.2
51	35.4	29.0	43.6

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#16

Acetone

Concen: 91.409 ug/l

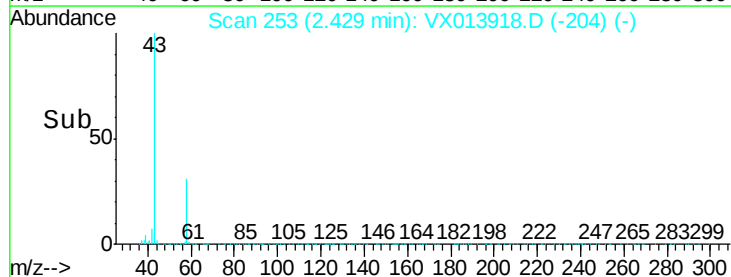
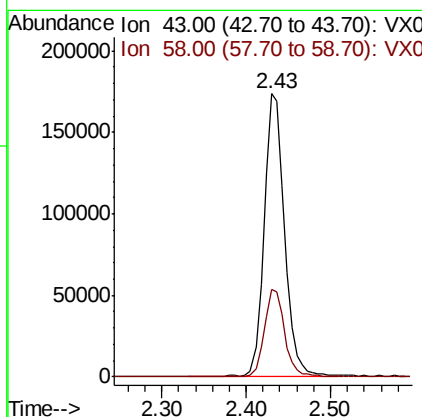
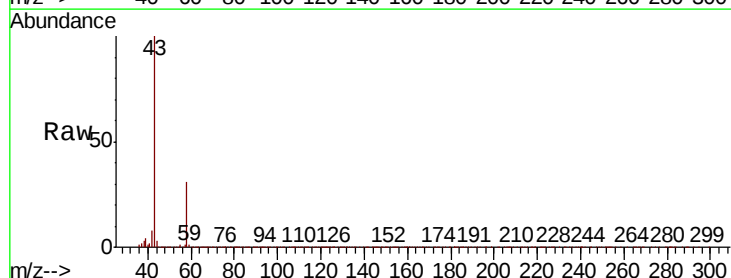
RT: 2.43 min Scan# 253

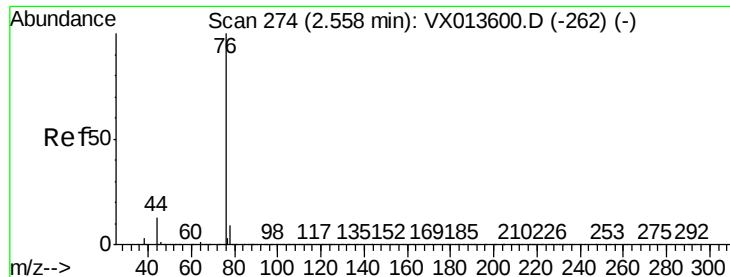
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	43	Resp:	291860
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	36.8





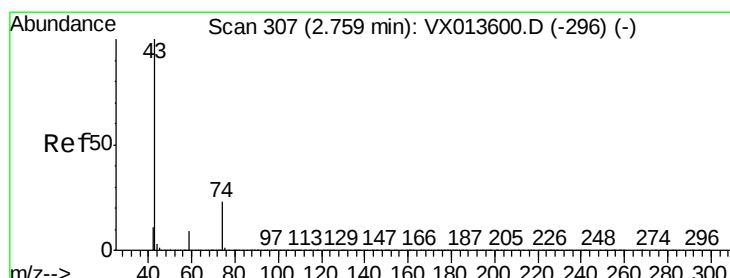
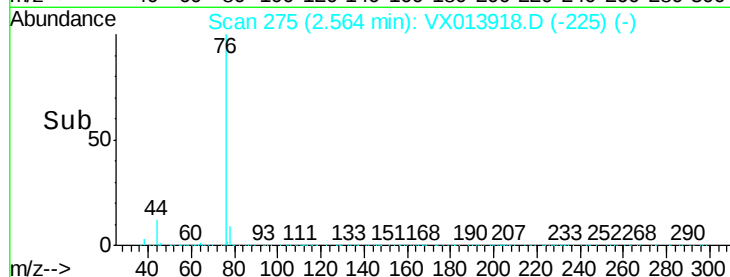
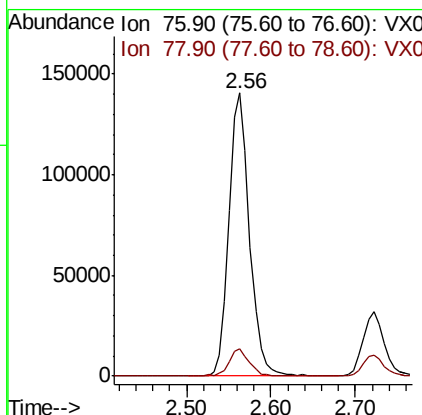
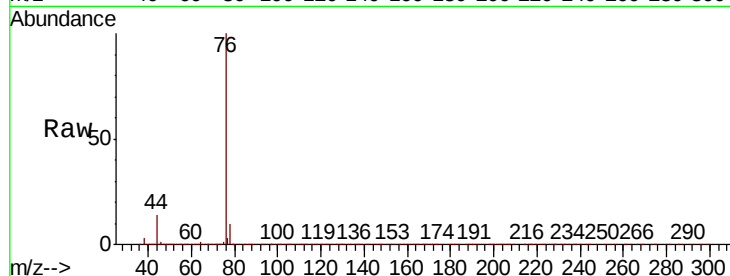
#17
Carbon Disulfide
Concen: 15.438 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

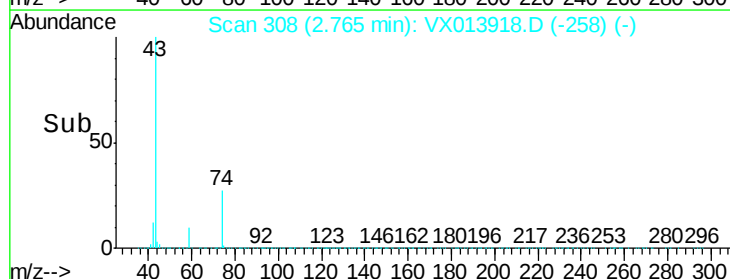
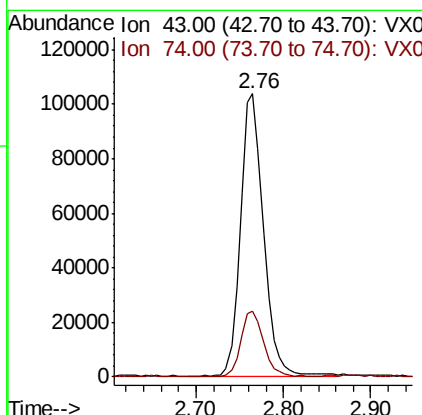
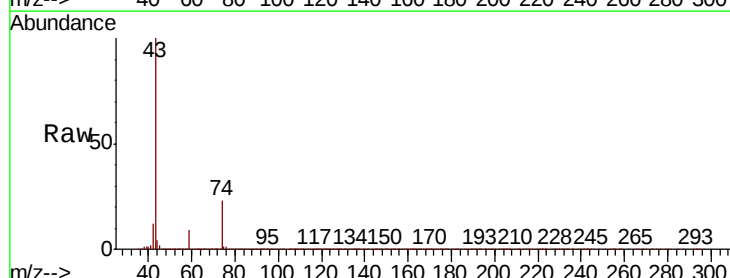
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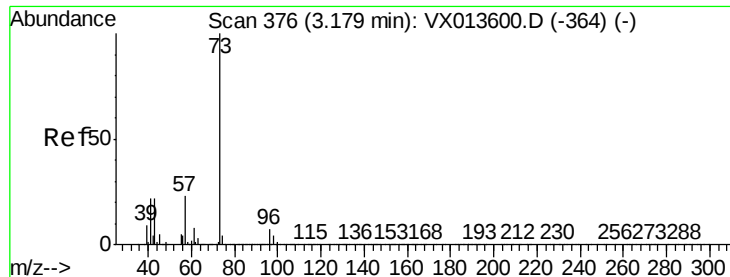
apatel
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#18
Methyl Acetate
Concen: 21.275 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.5	29.3





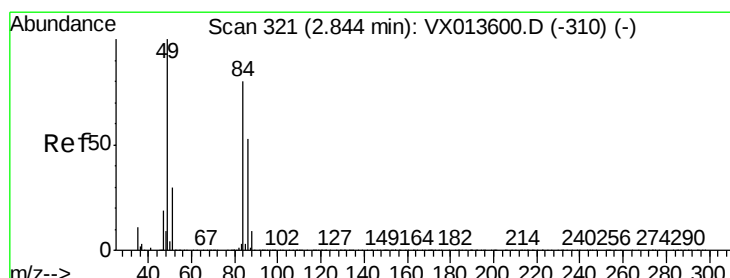
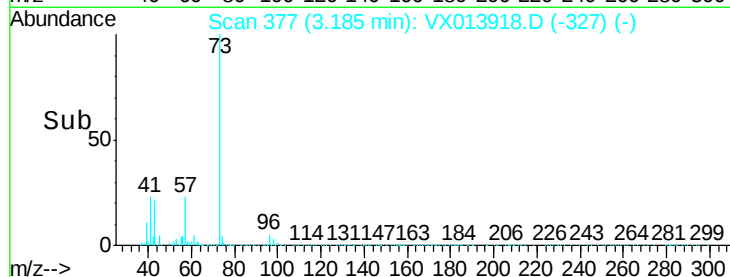
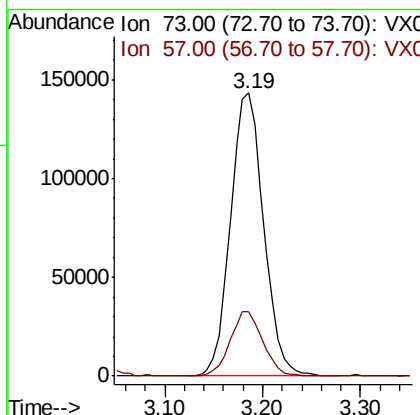
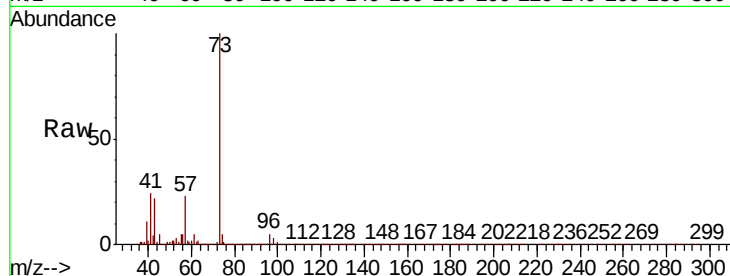
#19
Methvl tert-butvl Ether
Concen: 19.118 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.3	27.5

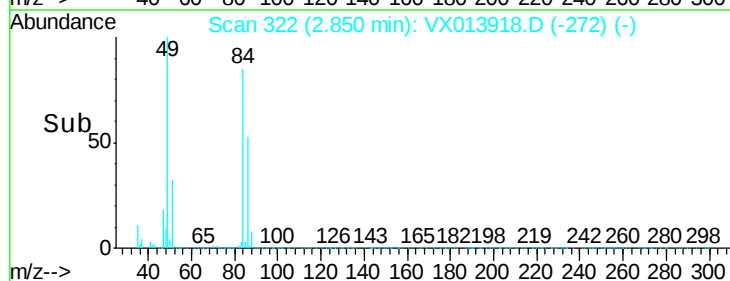
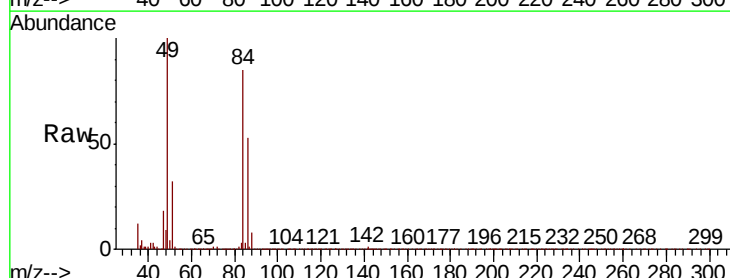
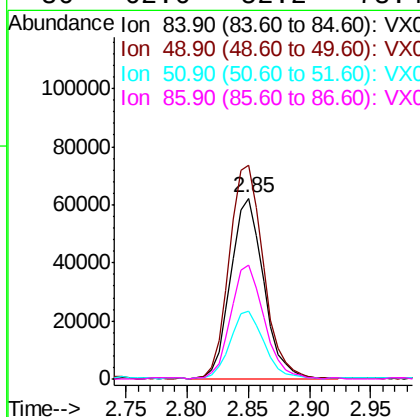
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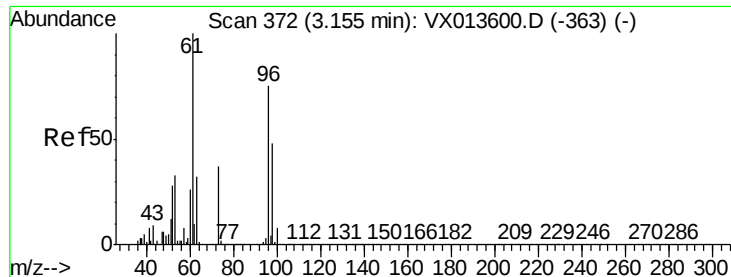
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#20
Methylene Chloride
Concen: 18.945 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	99.7	149.5
51	37.3	29.9	44.9
86	62.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 17.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 96 Resp: 103069

Ion Ratio Lower Upper

96 100

61 136.2 107.2 160.8

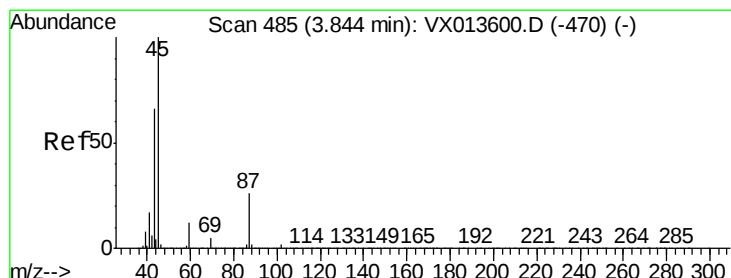
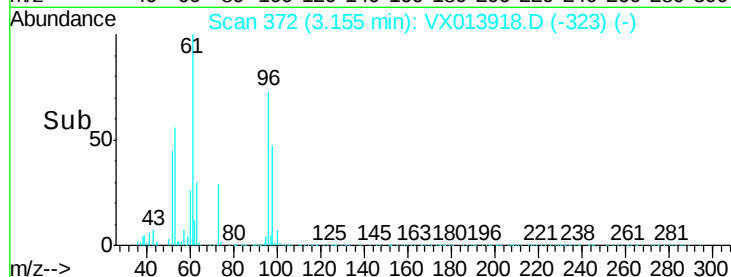
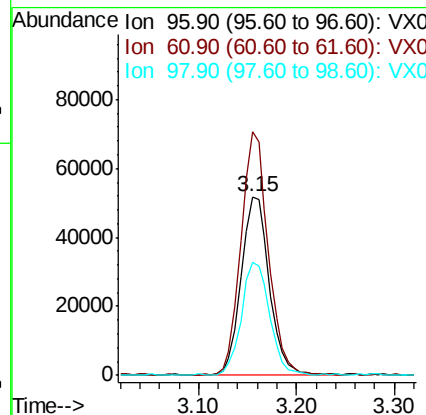
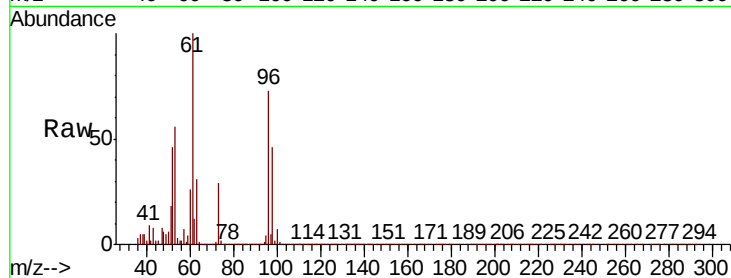
98 63.3 51.4 77.0

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#22

Diisopropyl ether

Concen: 19.747 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion: 45 Resp: 365866

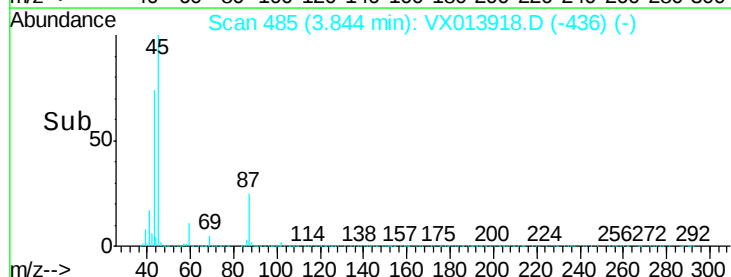
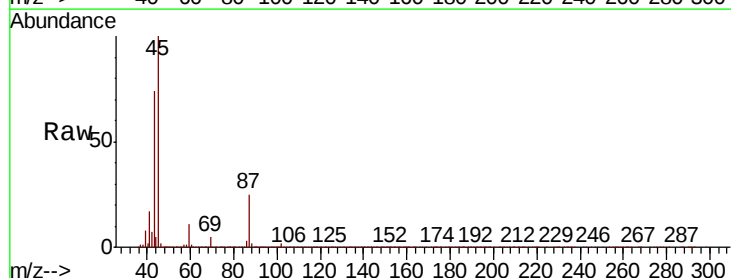
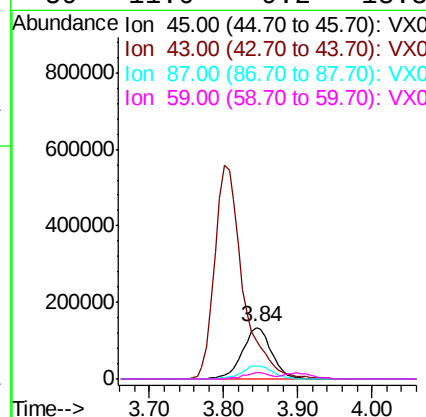
Ion Ratio Lower Upper

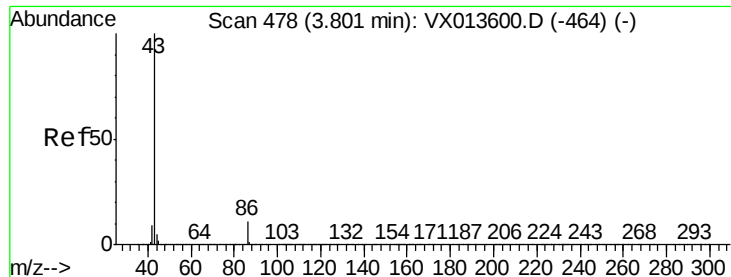
45 100

43 73.1 52.6 79.0

87 25.1 21.1 31.7

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 94.529 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 43 Resp: 1456990

Ion Ratio Lower Upper

43 100

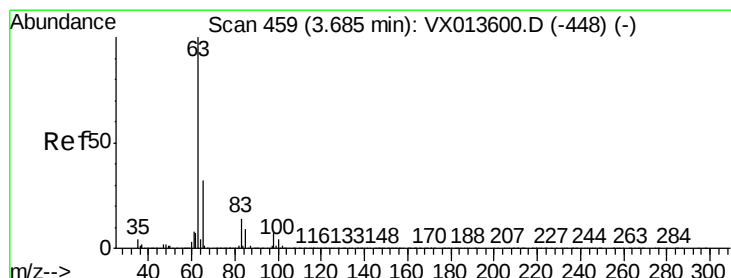
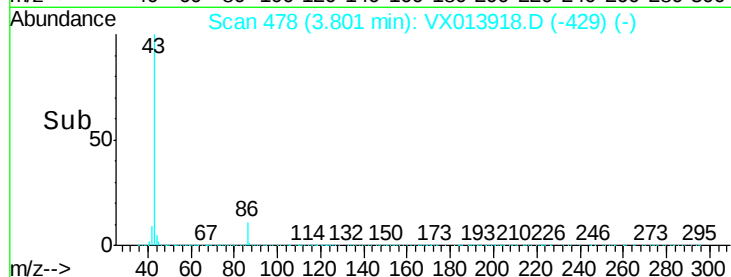
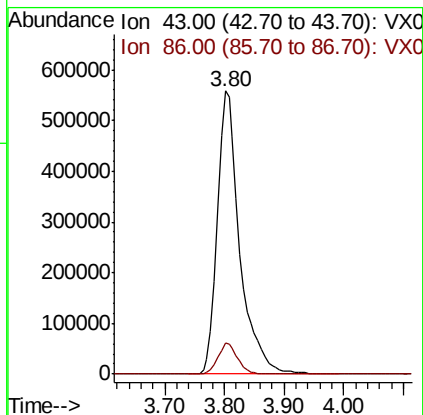
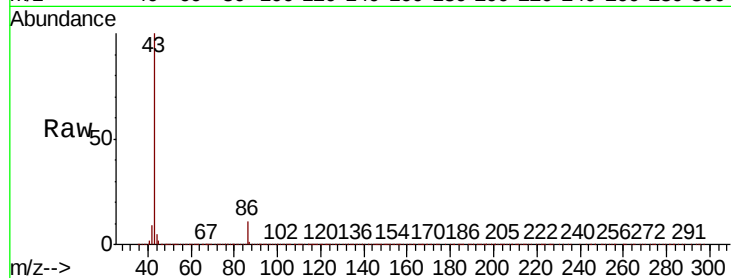
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.405 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

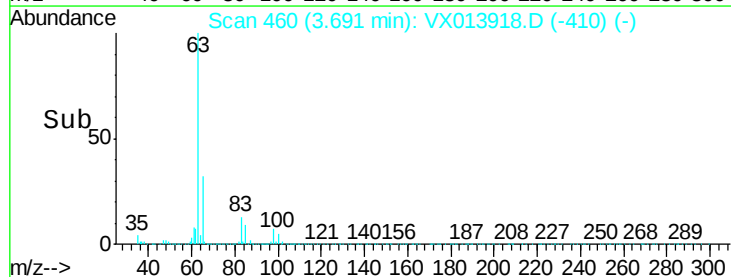
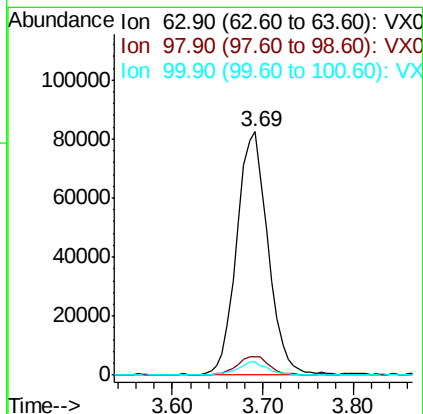
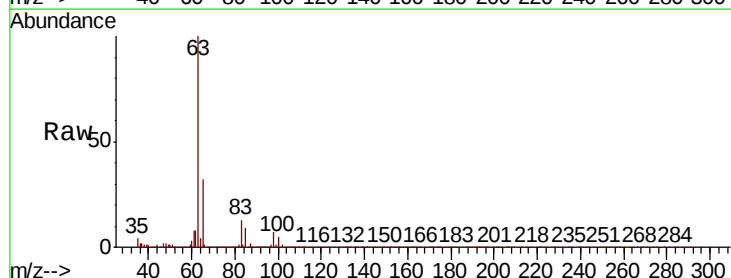
Tgt Ion: 63 Resp: 196546

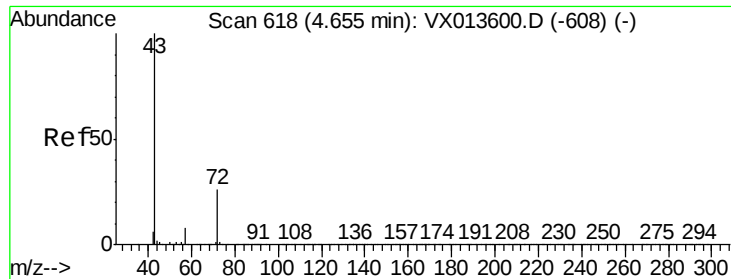
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 5.1 2.1 6.3





#25

2-Butanone

Concen: 95.014 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 43 Resp: 450870

Ion Ratio Lower Upper

43 100

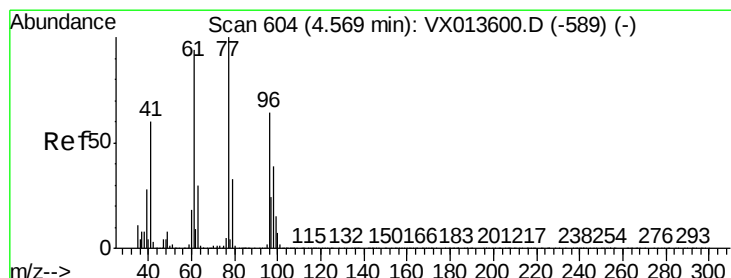
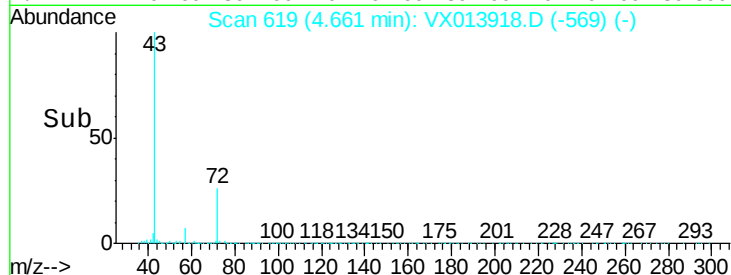
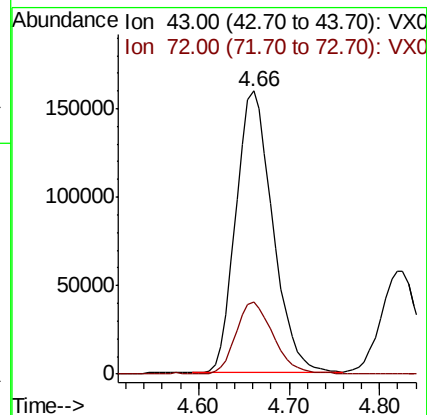
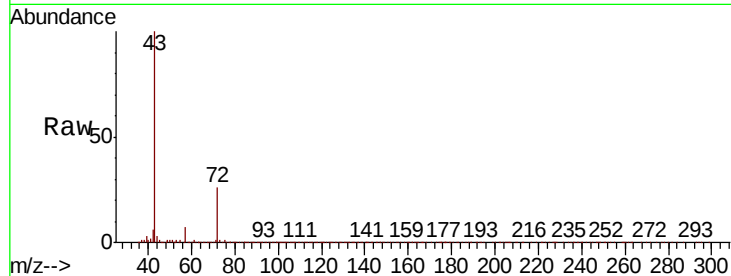
72 25.4 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 14.283 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013918.D

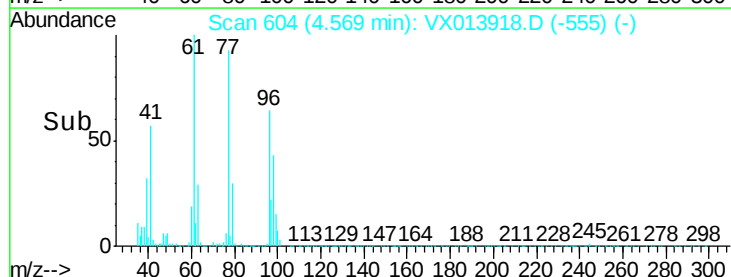
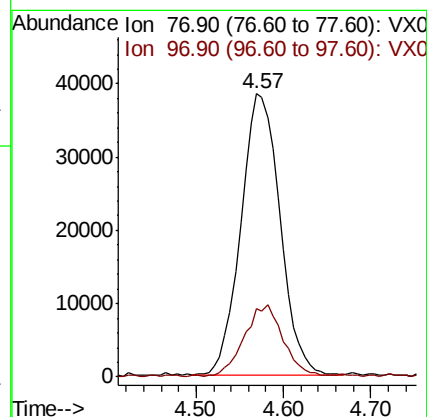
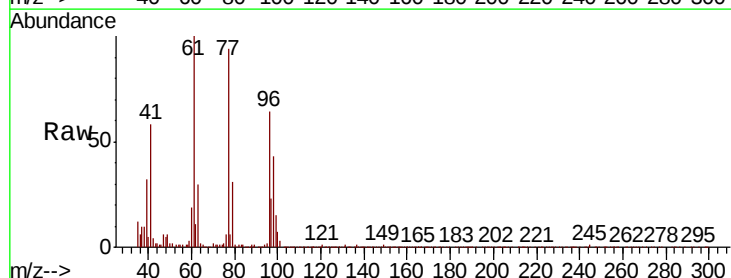
Acq: 10 Dec 2019 23:47

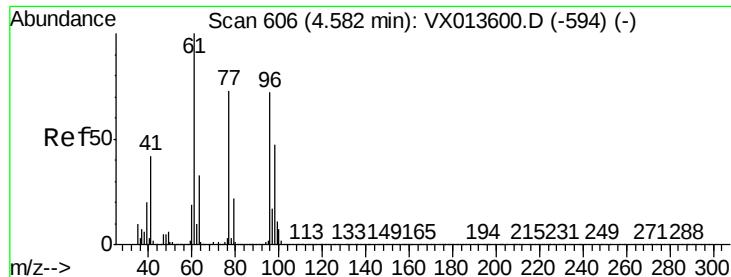
Tgt Ion: 77 Resp: 119691

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1





#27

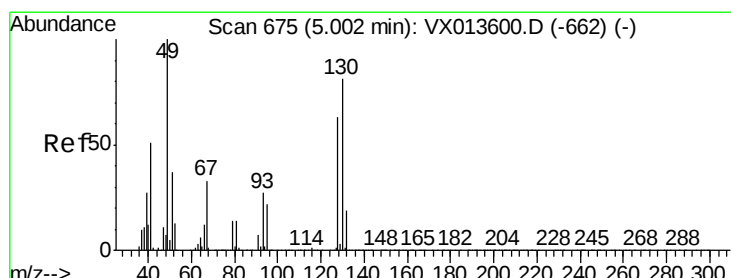
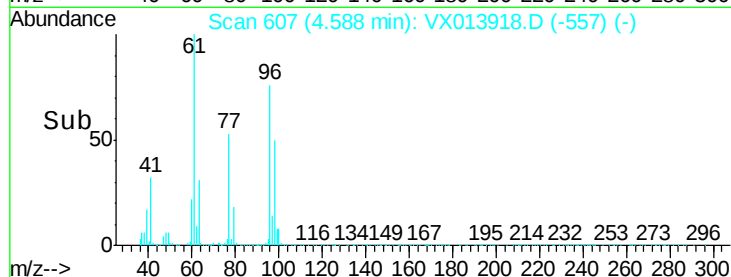
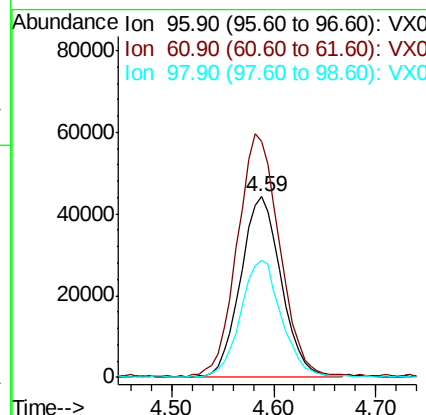
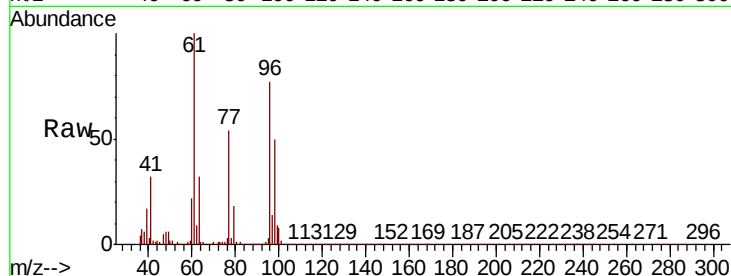
cis-1,2-Dichloroethene
Concen: 18.480 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122580		
61	141.4	0.0	286.4	
98	65.8	0.0	127.4	

Manual Integrations
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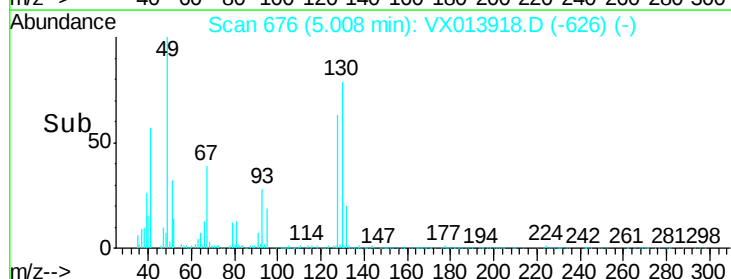
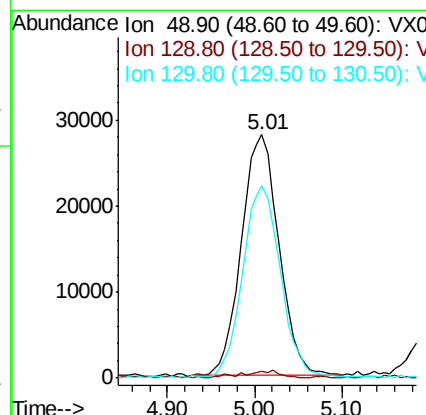
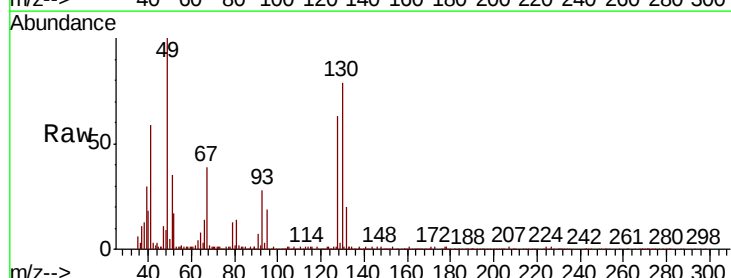
apatel
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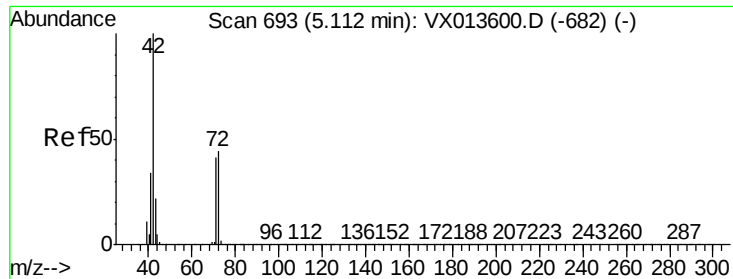


#28

Bromochloromethane
Concen: 20.877 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83589		
129	2.6	0.0	5.0	
130	79.2	65.4	98.0	





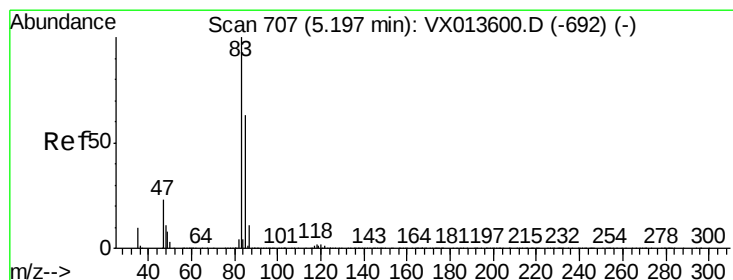
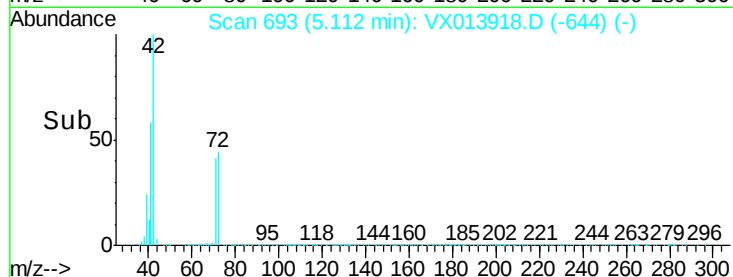
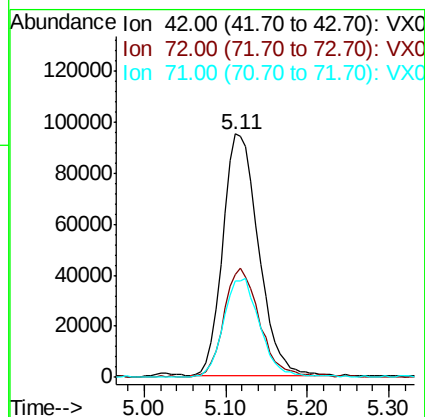
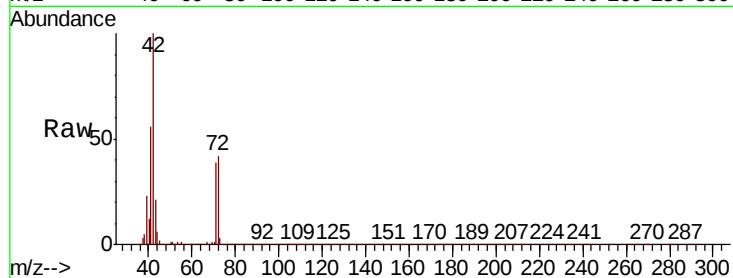
#29
Tetrahydrofuran
Concen: 98.840 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.3	54.5
71	40.6	33.2	49.8

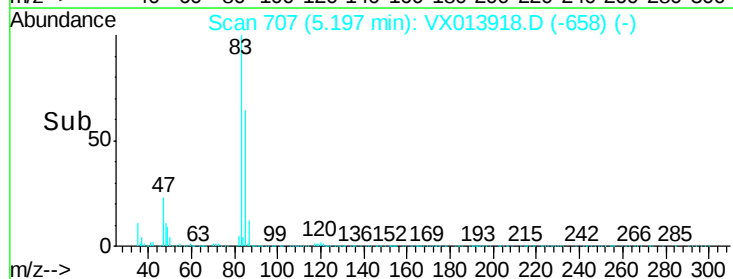
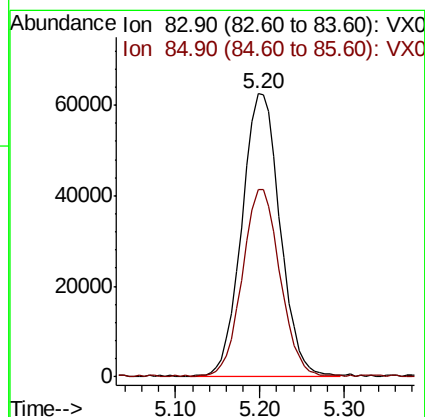
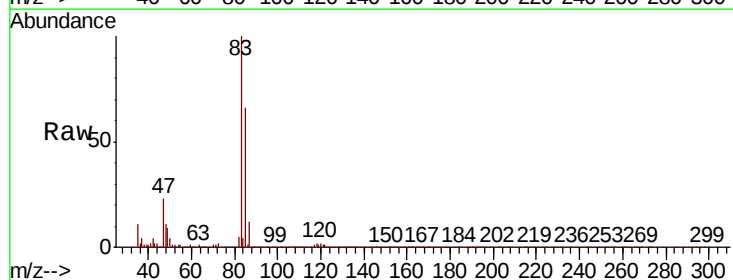
Manual Integrations
APPROVED

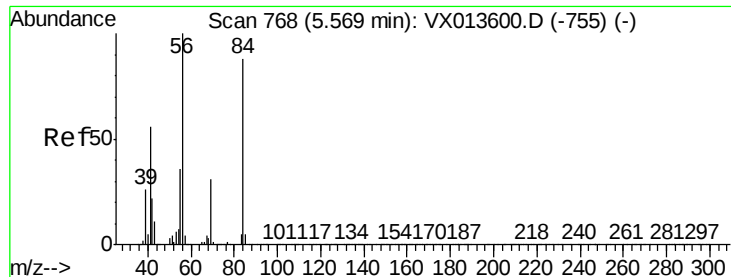
apatel
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#30
Chloroform
Concen: 18.576 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.2	75.4





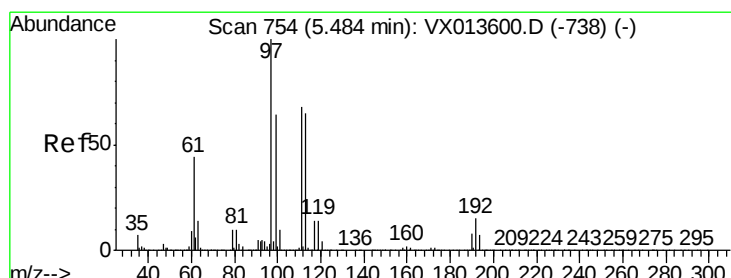
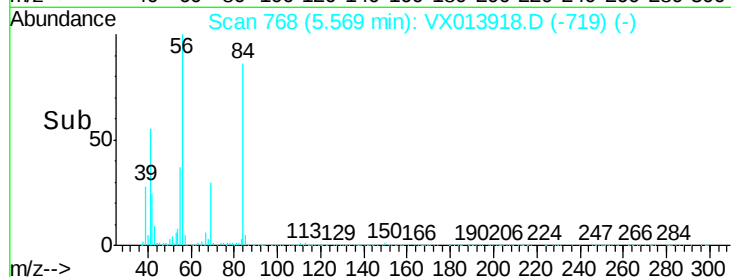
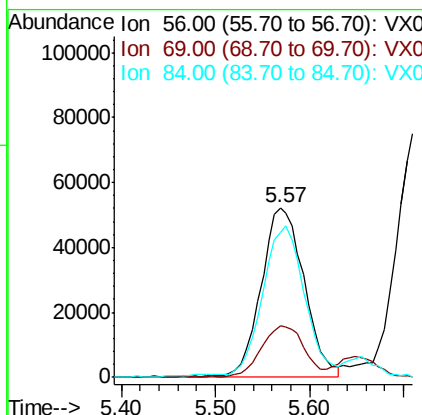
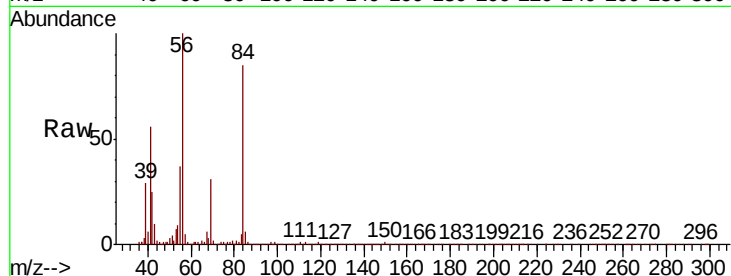
#31
Cyclohexane
Concen: 17.269 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	84.3	70.0	105.0

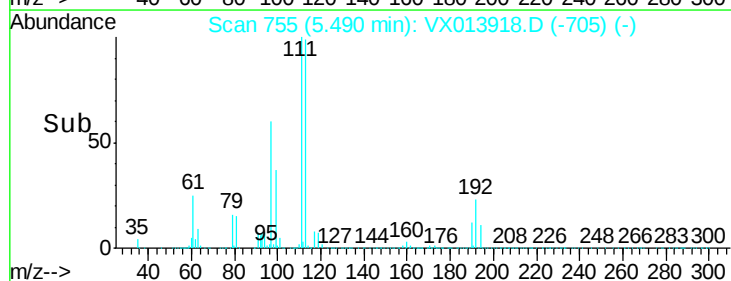
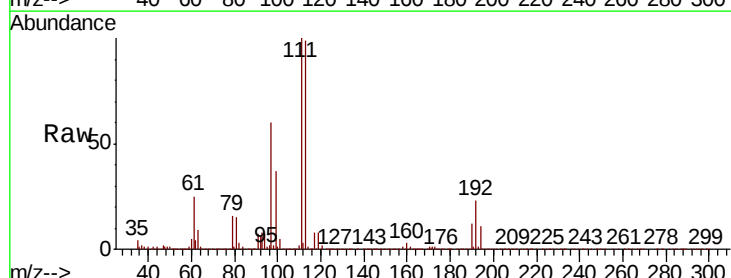
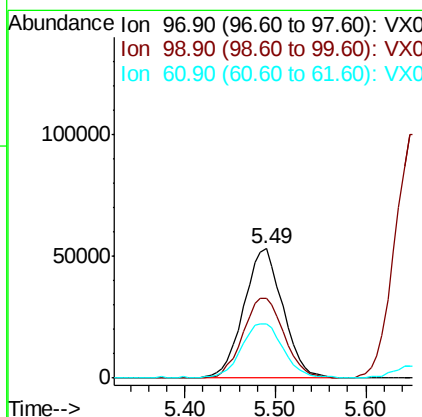
Manual Integrations
APPROVED

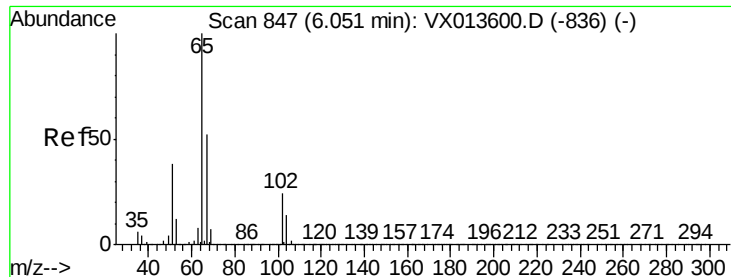
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#32
1,1,1-Trichloroethane
Concen: 18.317 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	44.6	36.1	54.1





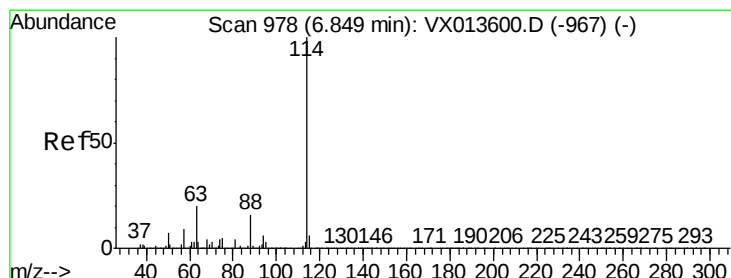
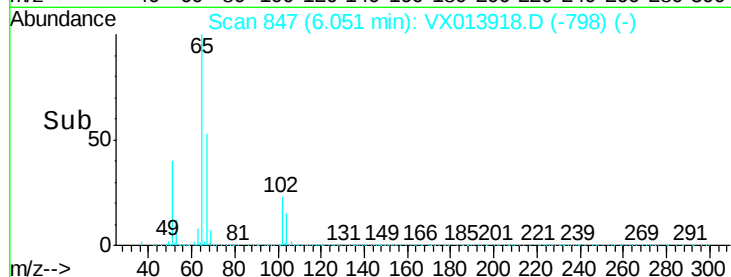
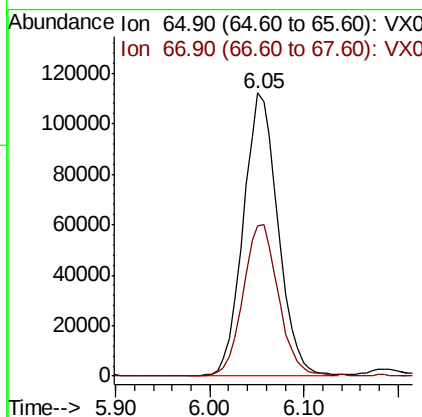
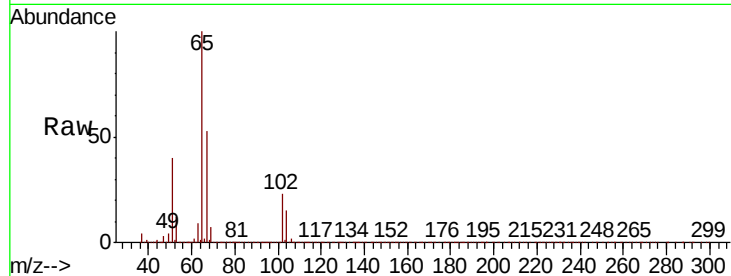
#33
 1,2-Dichloroethane-d4
 Concen: 44.745 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	289372		
67	54.0	0.0	104.4	

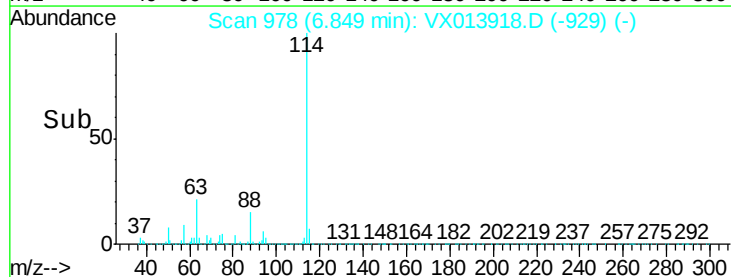
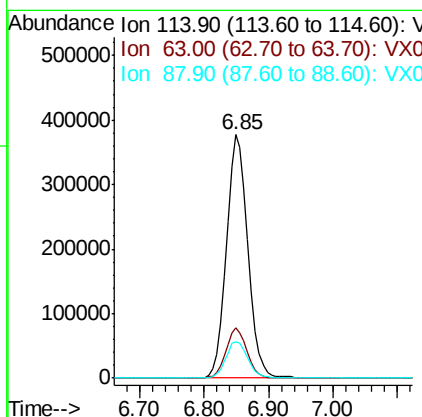
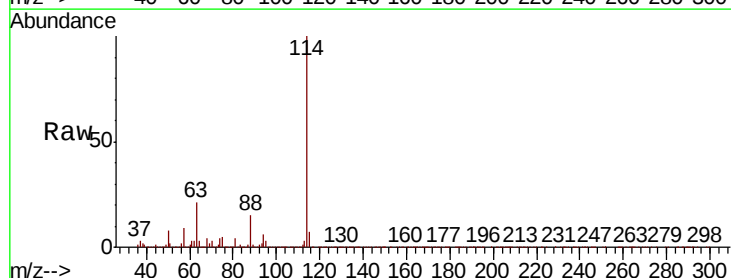
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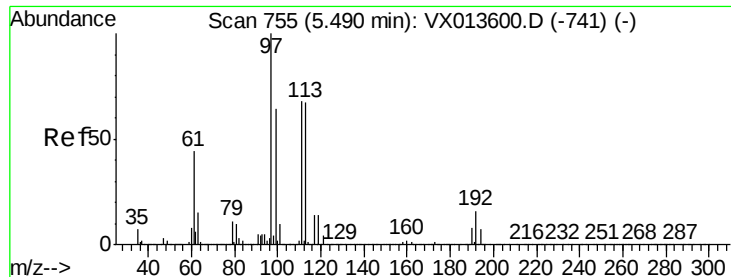
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	881604		
63	20.9	0.0	39.6	
88	14.8	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.671 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

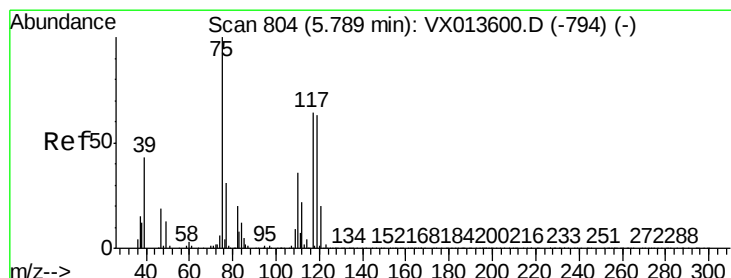
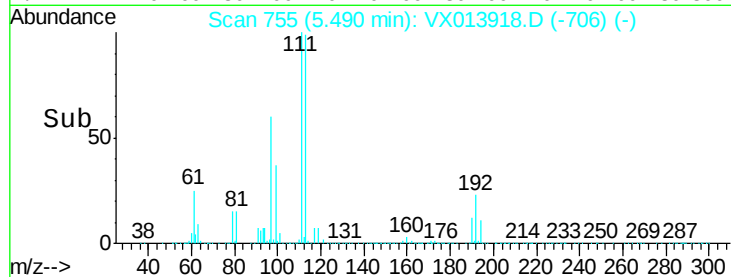
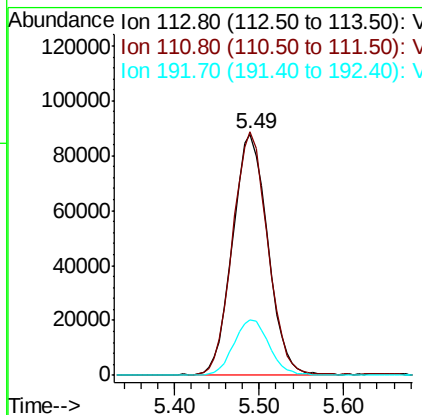
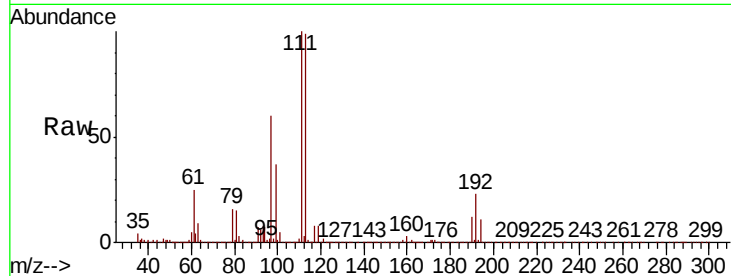
ClientSampleId :

VX1210WBSD02

Tot Ion:	113	Resp:	248914
Ion Ratio	Lower	Upper	
113	100		
111	100.2	83.6	125.4
192	23.2	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.327 ug/l

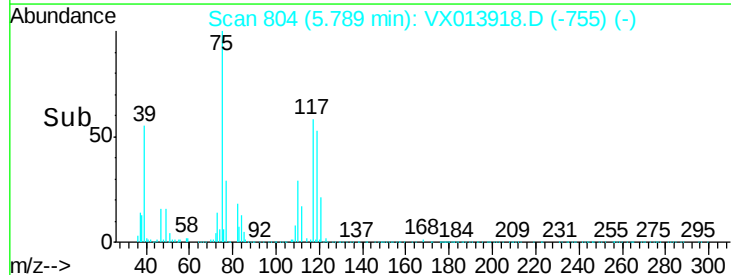
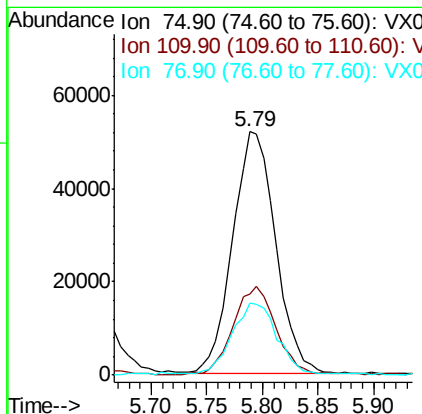
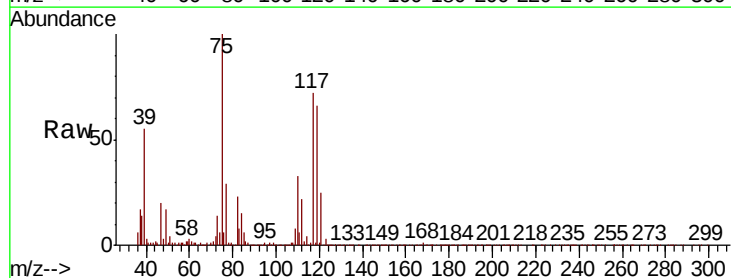
RT: 5.79 min Scan# 804

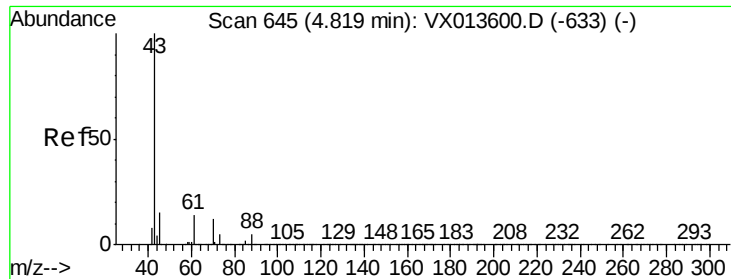
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	75	Resp:	138666
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.4	24.5	36.7





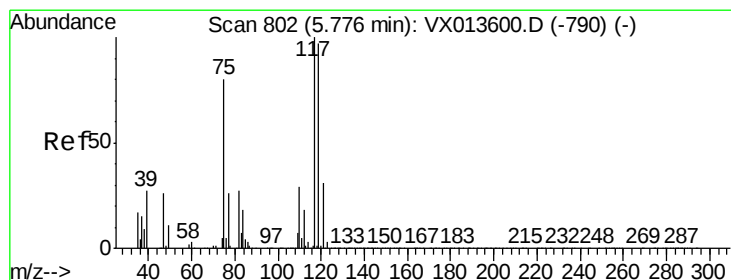
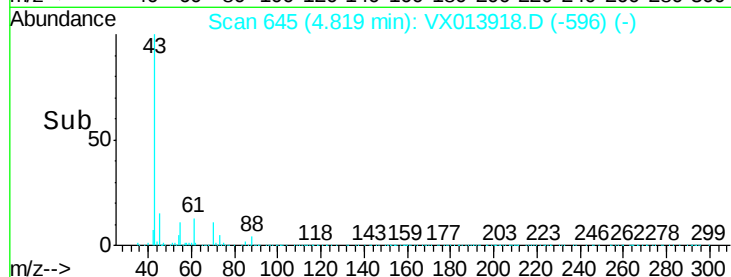
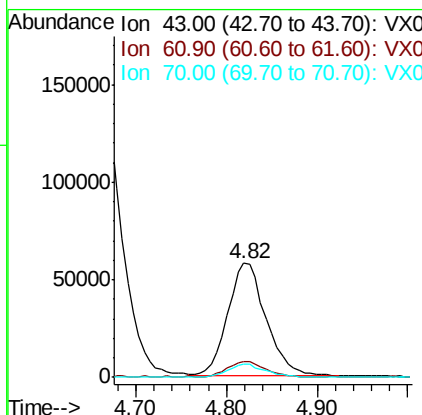
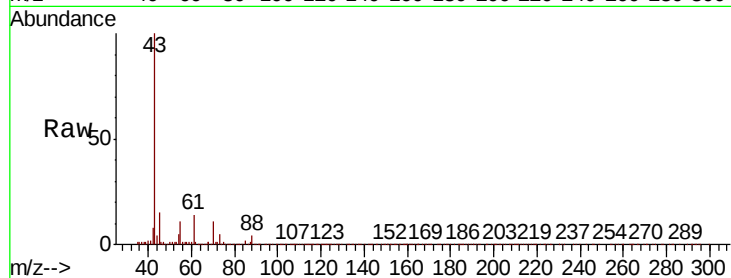
#37
Ethyl Acetate
Concen: 18.860 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	43	Resp	169324
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.0	16.4
70	12.4	8.6	12.8

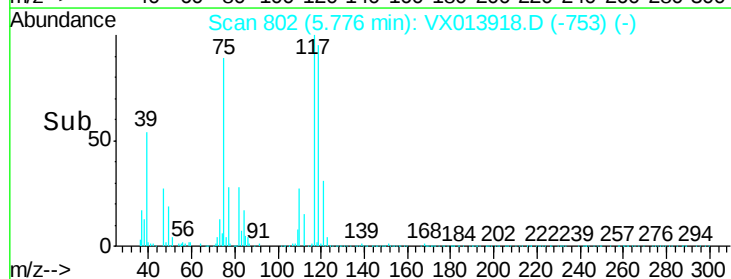
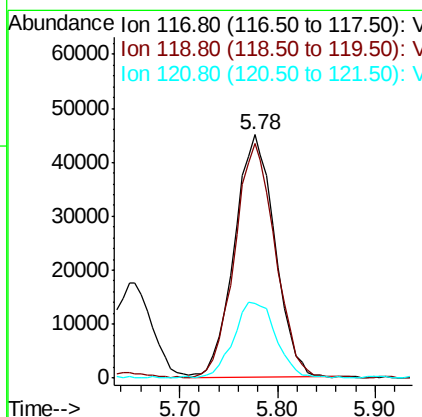
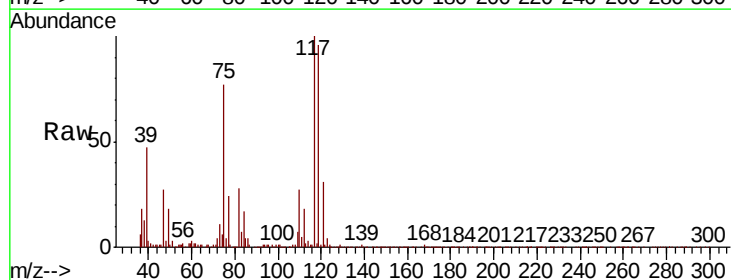
Manual Integrations
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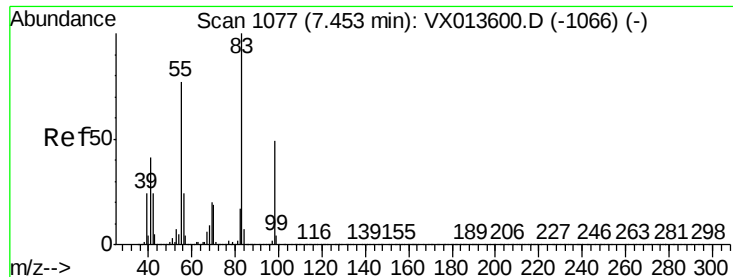
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#38
Carbon Tetrachloride
Concen: 17.403 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	117	Resp	128422
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.5	116.3
121	30.5	25.0	37.6





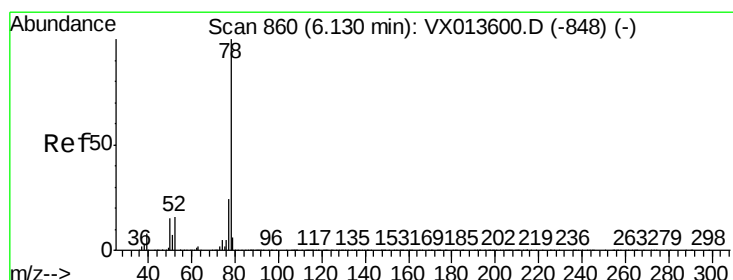
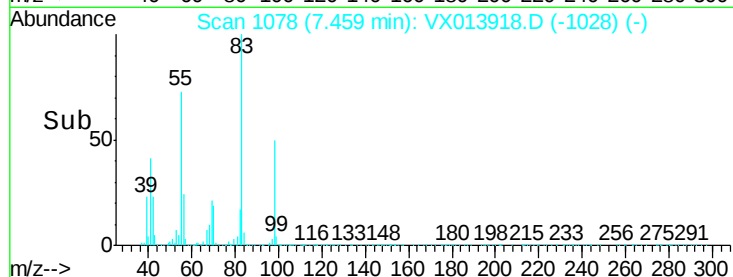
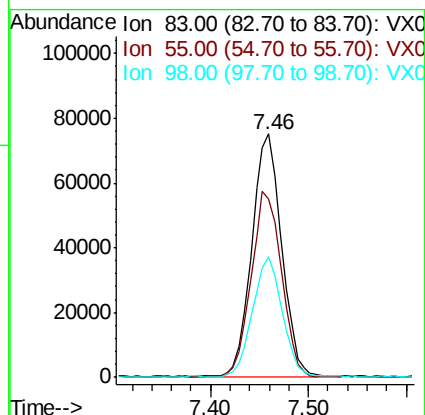
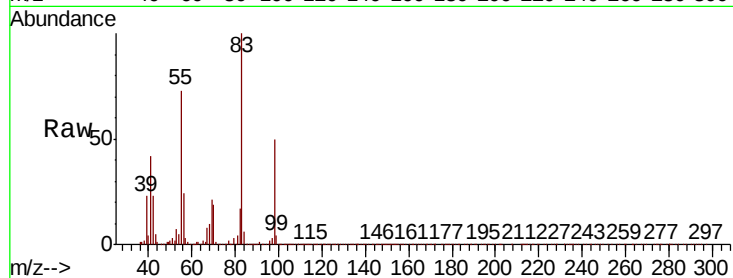
#39
Methvlcvclohexane
Concen: 16.093 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.9	92.9
98	49.4	39.4	59.0

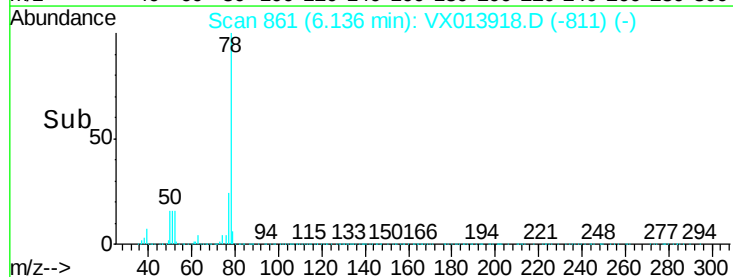
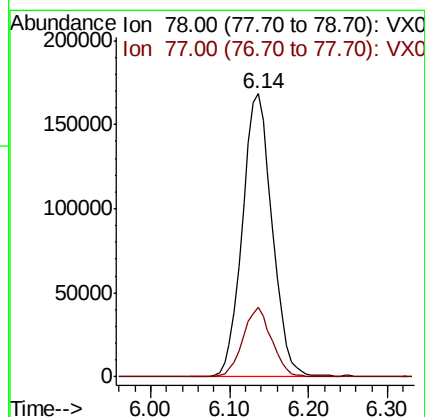
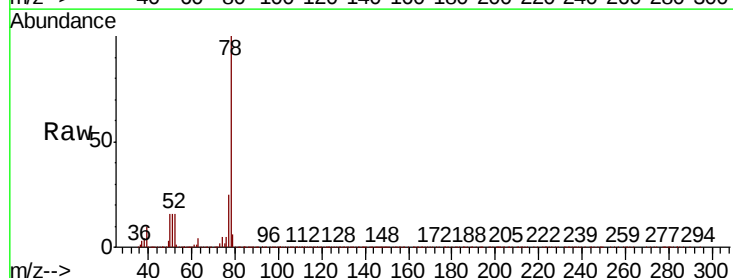
Manual Integrations
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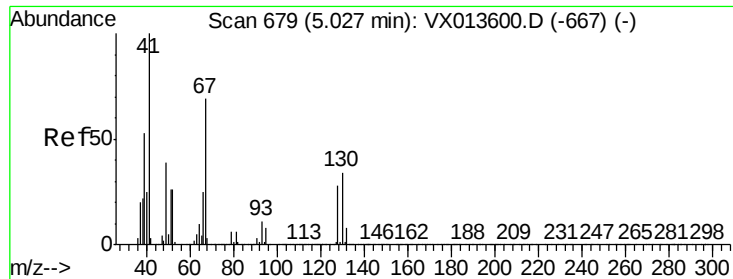
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#40
Benzene
Concen: 18.176 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





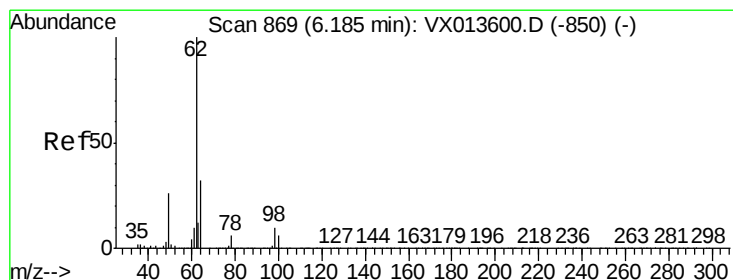
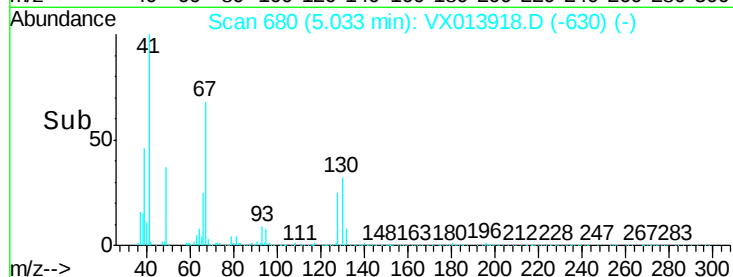
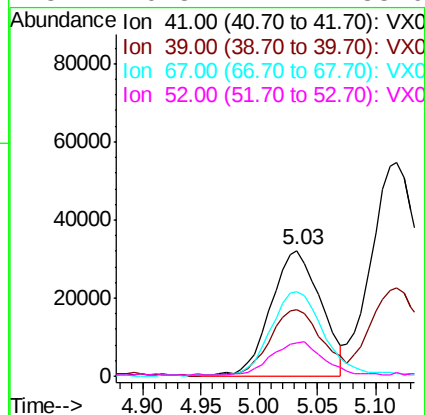
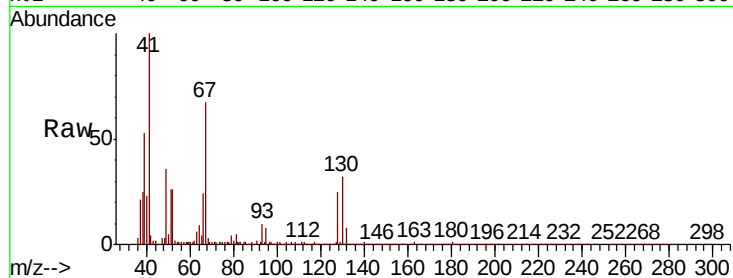
#41
Methacrylonitrile
Concen: 19.543 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	42.9	64.3	
67	69.0	57.4	86.0	
52	26.8	22.4	33.6	

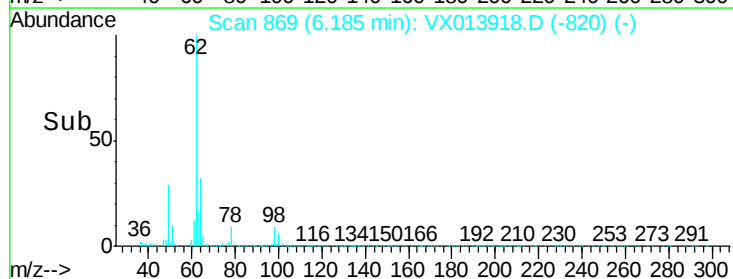
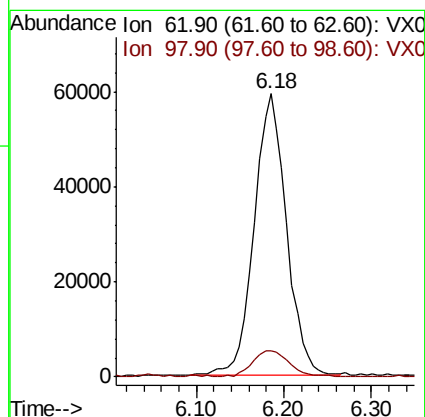
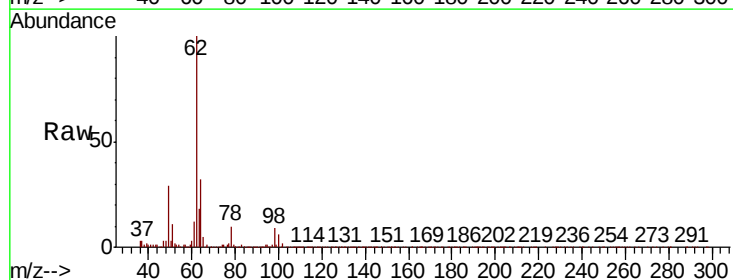
Manual Integrations
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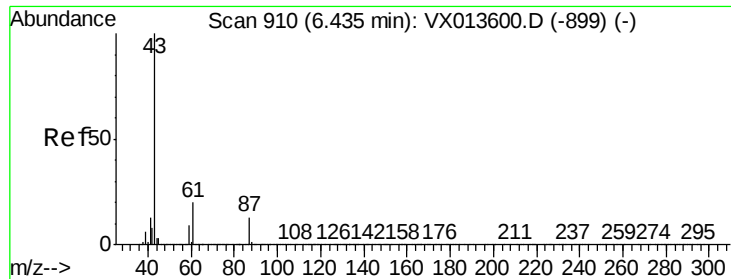
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#42
1,2-Dichloroethane
Concen: 18.322 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	





#43

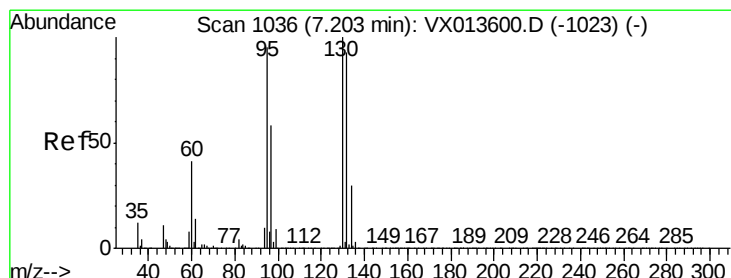
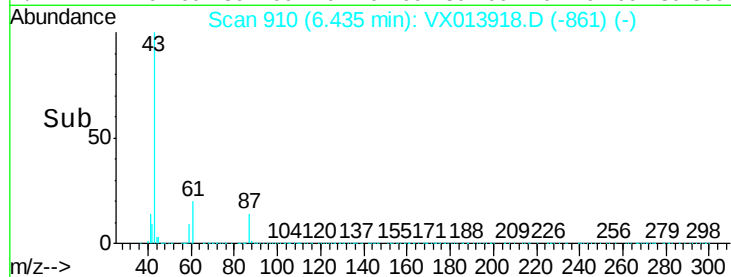
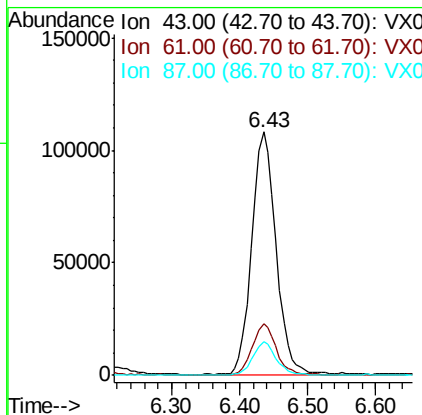
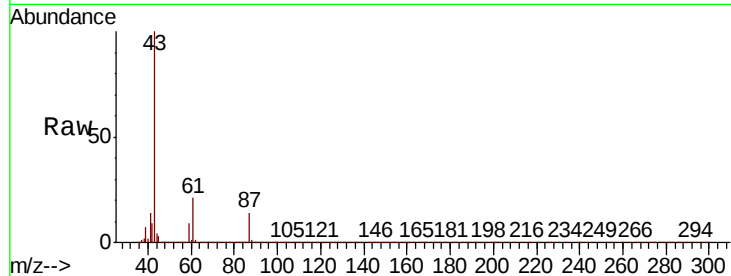
Isopropyl Acetate
 Concen: 18.572 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	12.8	10.8	16.2

Manual Integrations
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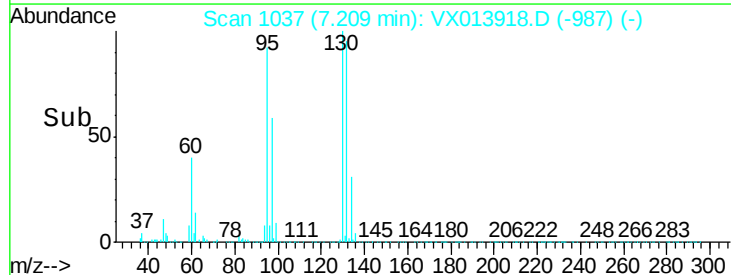
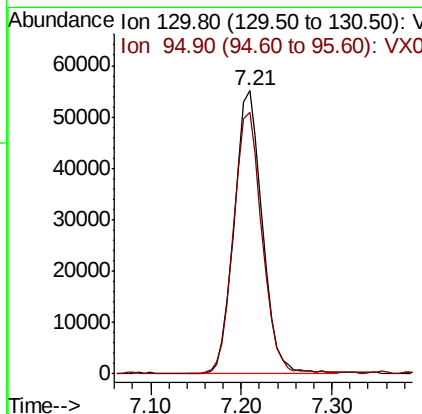
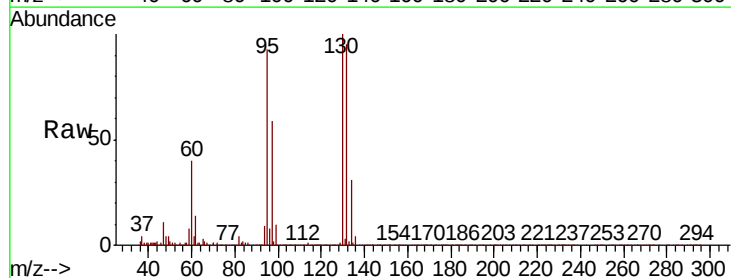
apatel
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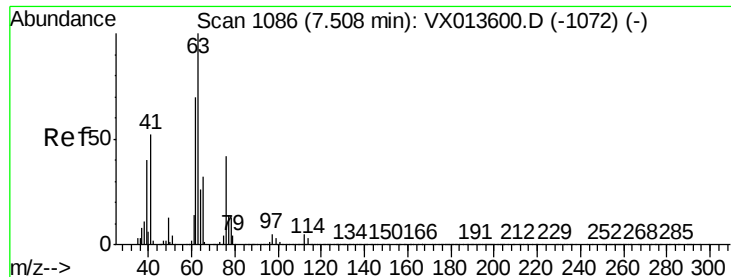


#44

Trichloroethene
 Concen: 17.612 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 18.763 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 63 Resp: 114422

Ion Ratio Lower Upper

63 100

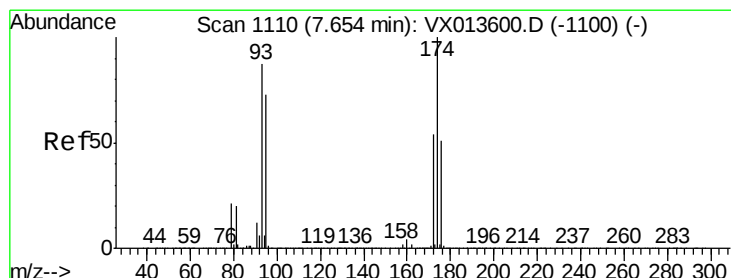
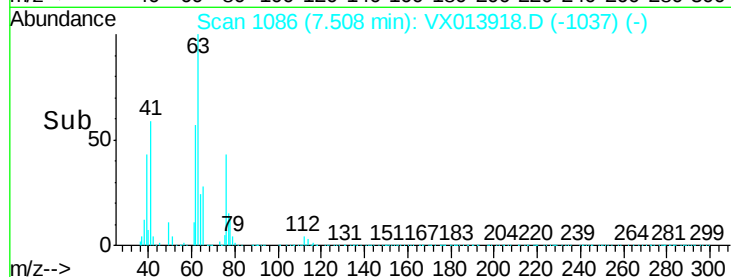
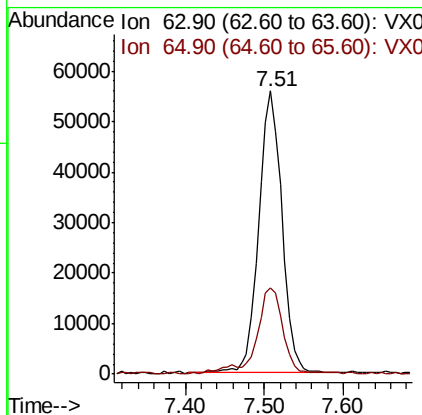
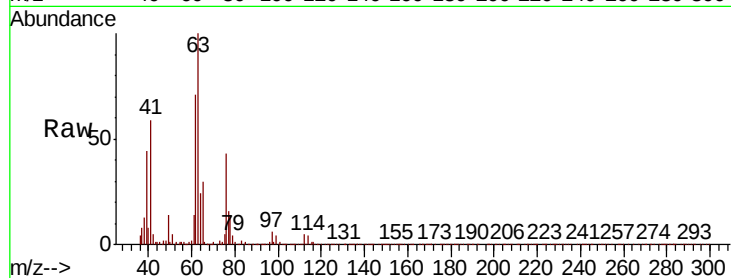
65 30.3 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 17.996 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

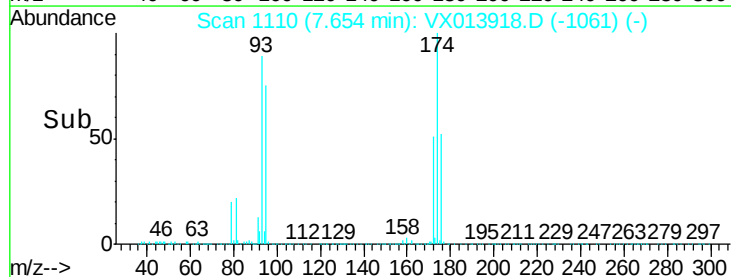
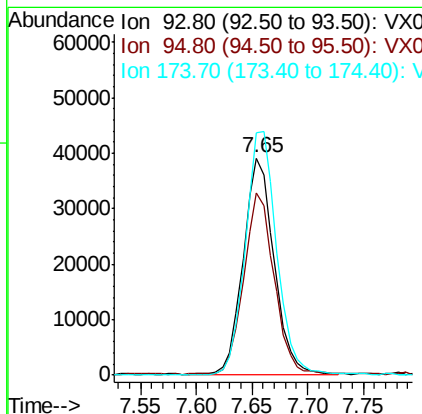
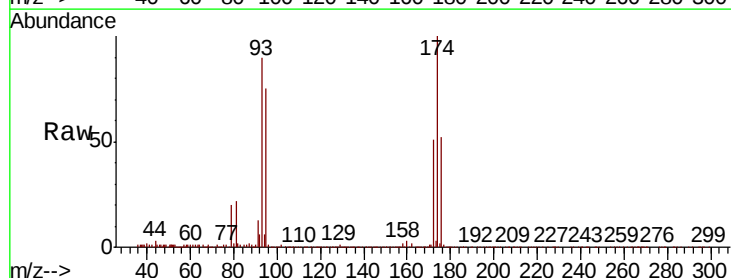
Tgt Ion: 93 Resp: 74537

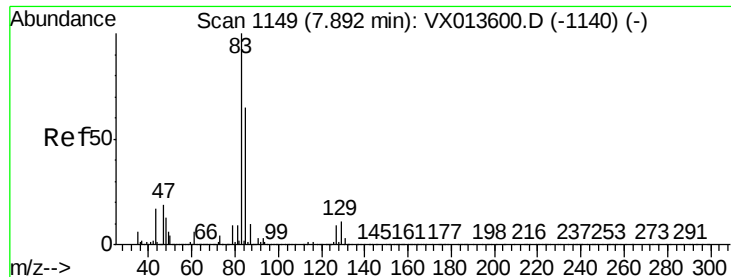
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 116.5 93.4 140.0





#47

Bromodichloromethane

Concen: 18.563 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

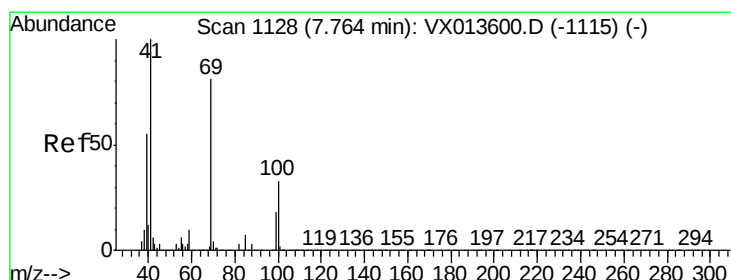
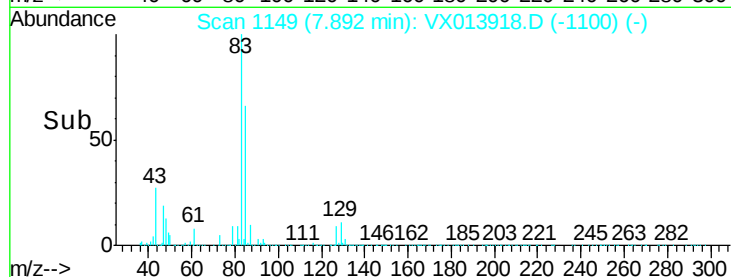
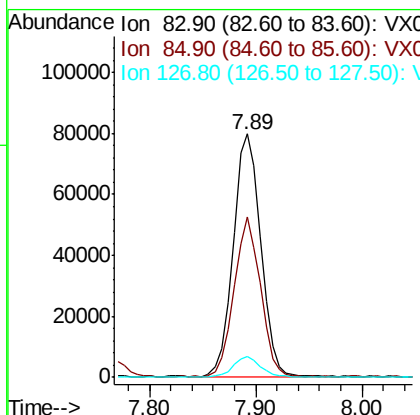
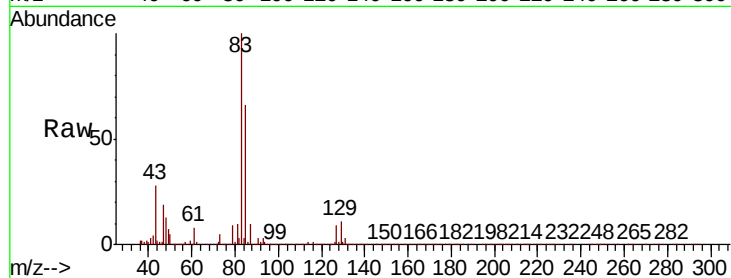
ClientSampleId :

VX1210WBSD02

Tot Ion:	83	Resp:	145347
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.1	78.1
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.886 ug/l

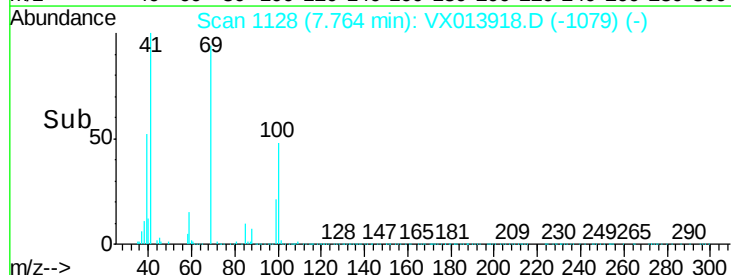
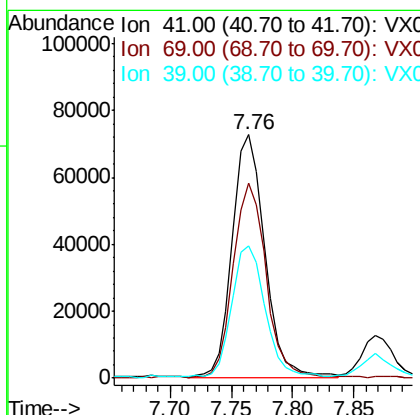
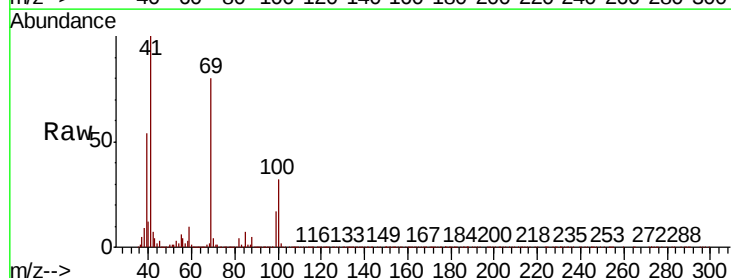
RT: 7.76 min Scan# 1128

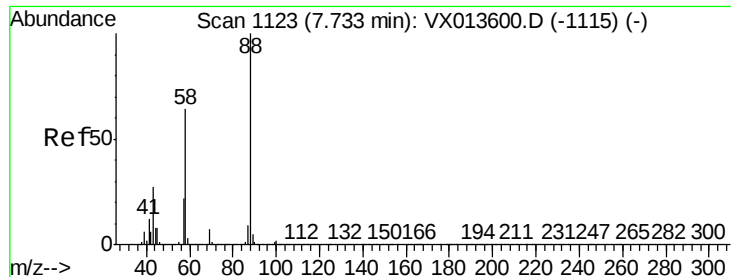
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	41	Resp:	135626
Ion	Ratio	Lower	Upper
41	100		
69	79.4	64.7	97.1
39	53.9	43.8	65.6





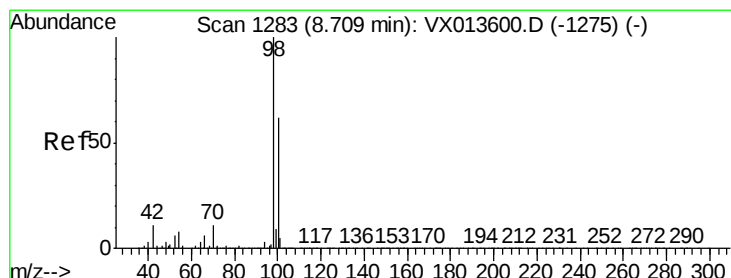
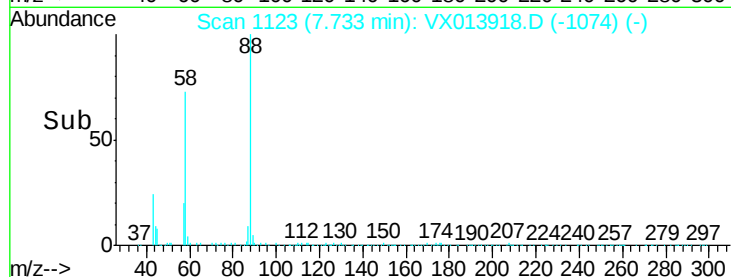
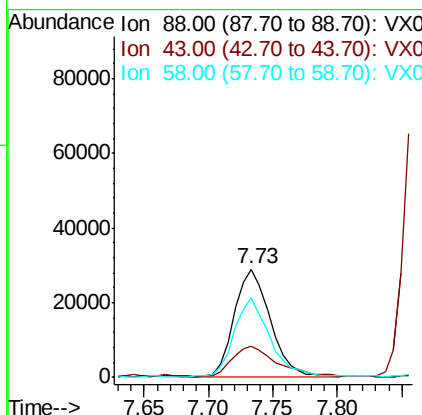
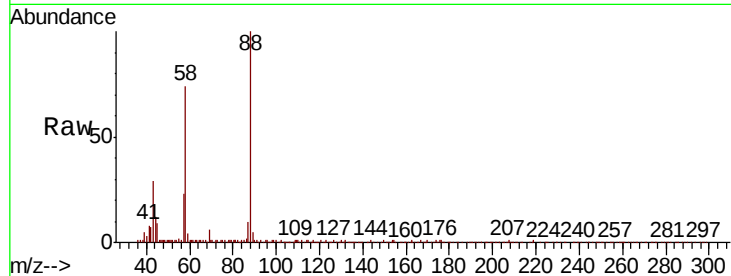
#49
1,4-Dioxane
Concen: 347.655 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	25.8	38.6
58	72.2	54.6	82.0

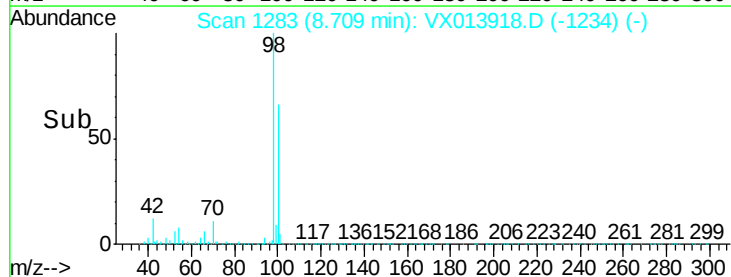
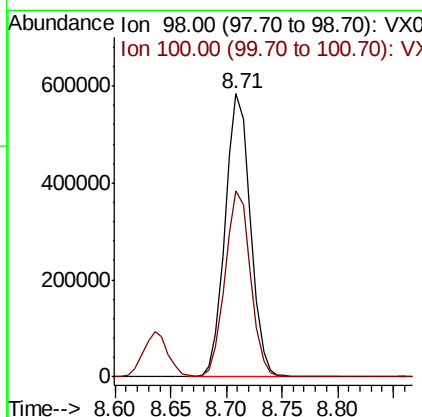
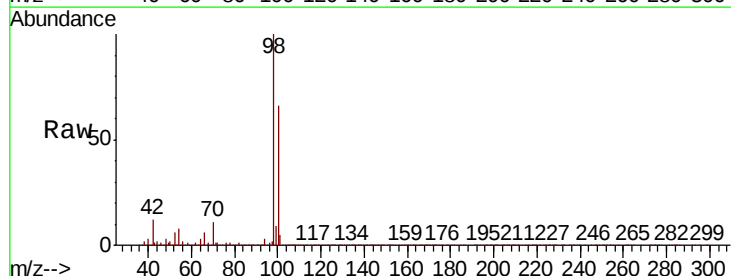
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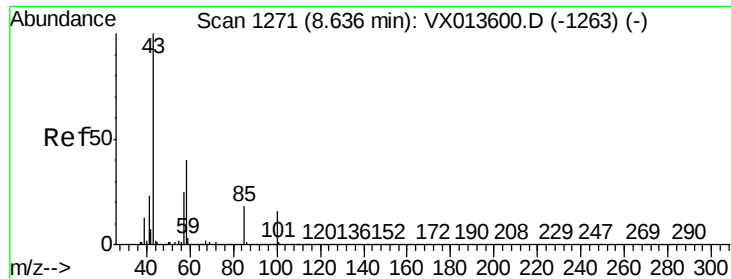
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#50
Toluene-d8
Concen: 43.040 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





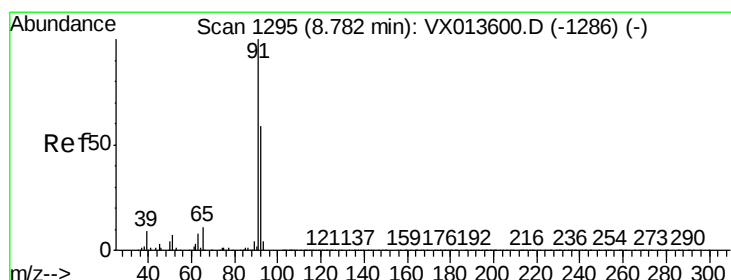
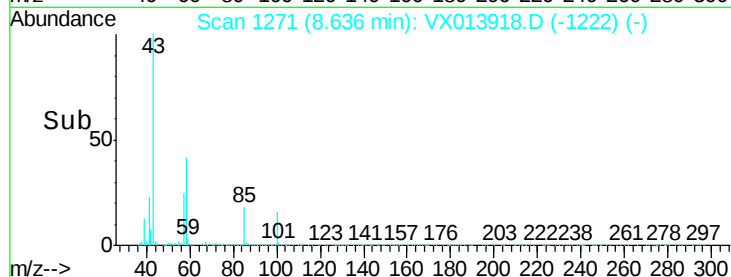
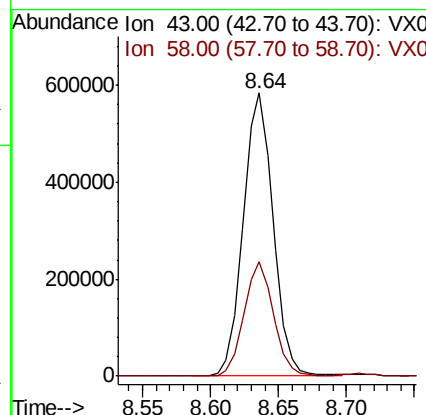
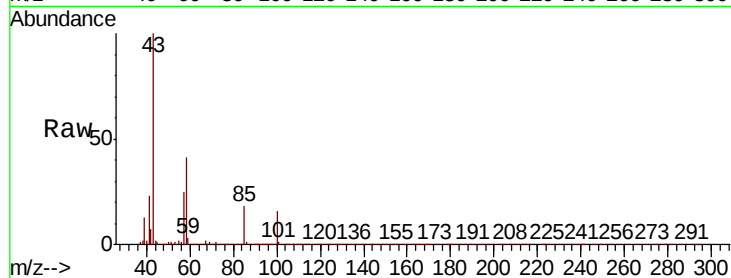
#51
4-Methyl-2-Pentanone
Concen: 96.357 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.1	48.1

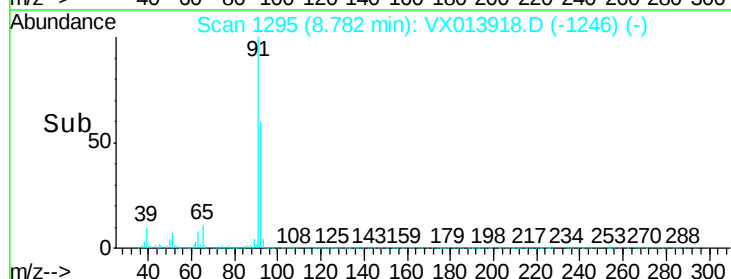
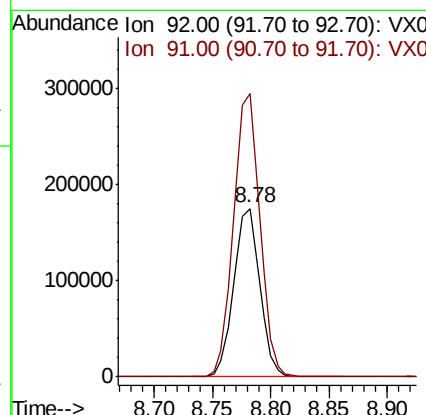
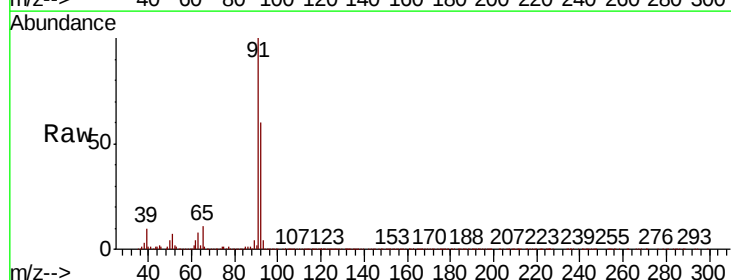
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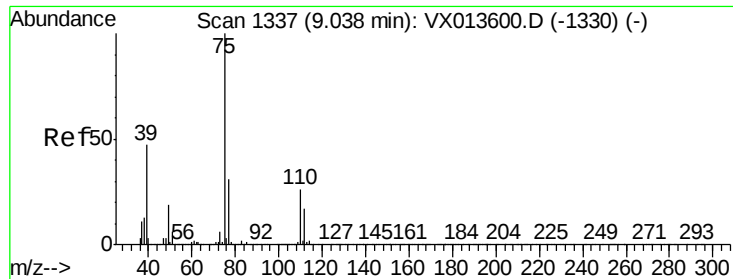
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#52
Toluene
Concen: 18.159 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.5	136.2	204.2





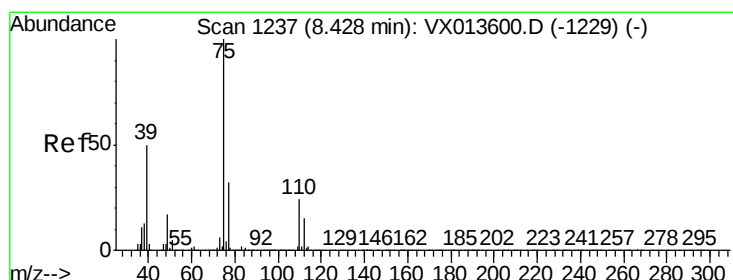
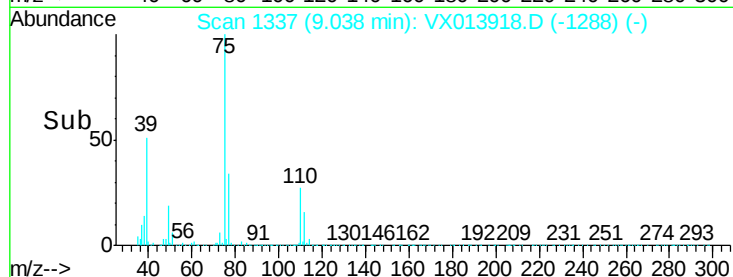
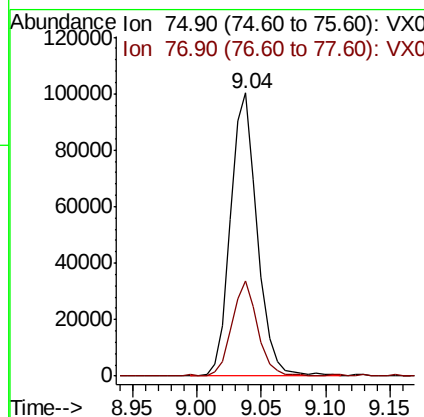
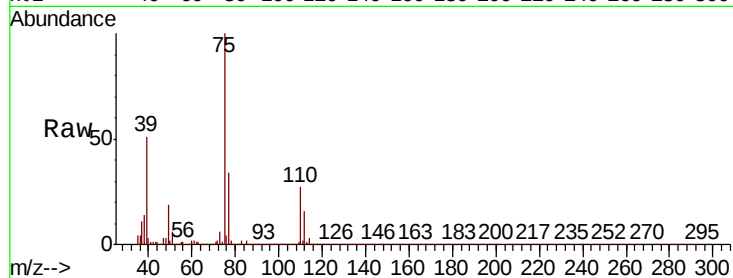
#53
t-1,3-Dichloropropene
Concen: 16.378 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.4	36.6

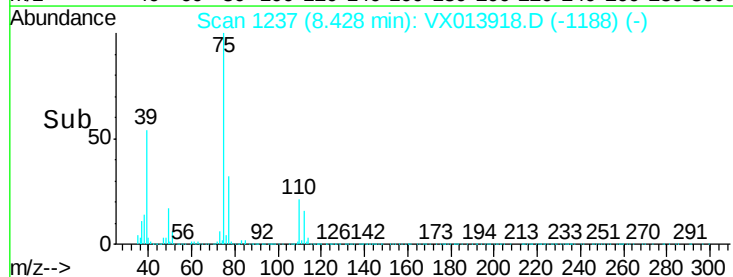
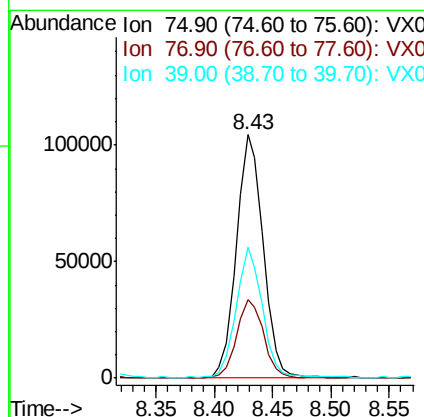
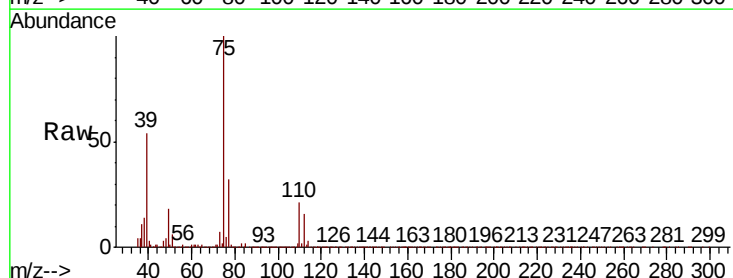
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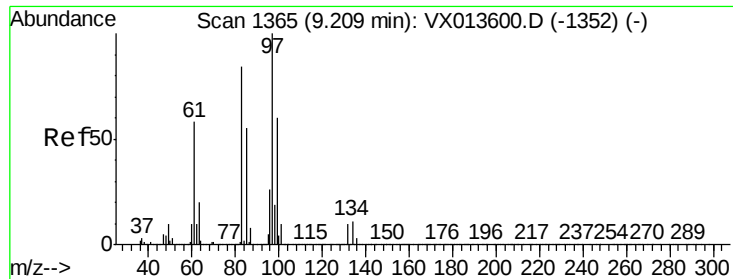
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#54
cis-1,3-Dichloropropene
Concen: 17.180 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	53.4	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 19.015 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

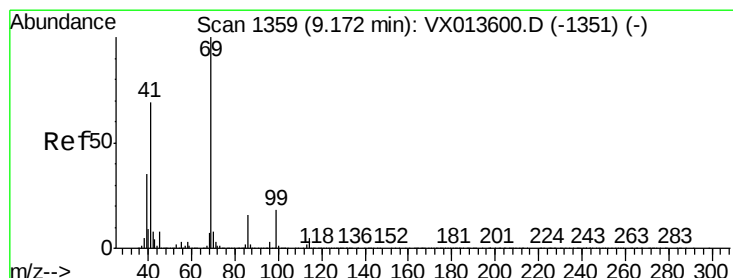
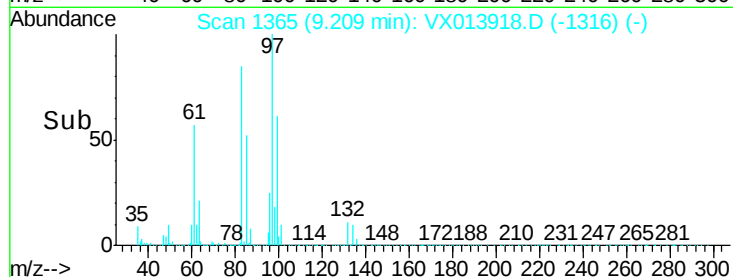
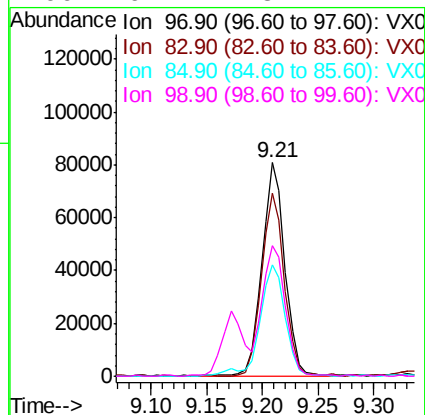
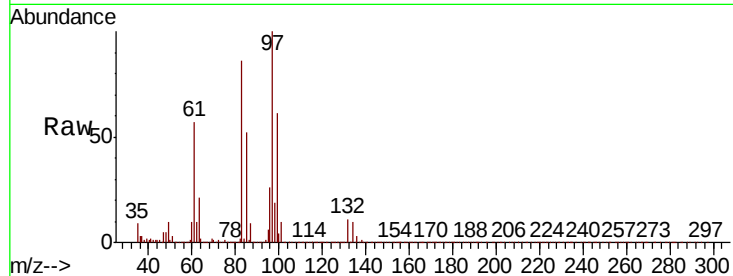
ClientSampleId :

VX1210WBSD02

Tot Ion:	97	Resp:	116025
Ion Ratio	Lower	Upper	
97	100		
83	85.6	67.3	100.9
85	52.0	43.6	65.4
99	61.1	48.2	72.4

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#56

Ethyl methacrylate

Concen: 18.267 ug/l

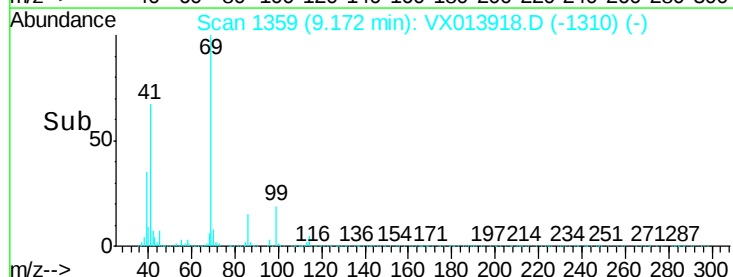
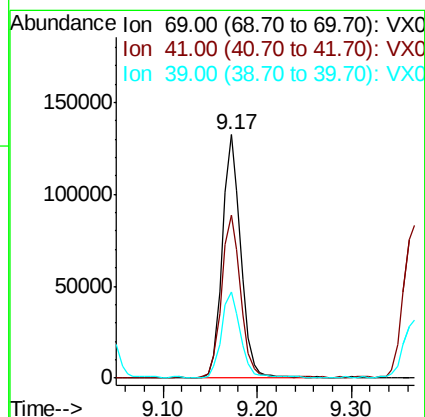
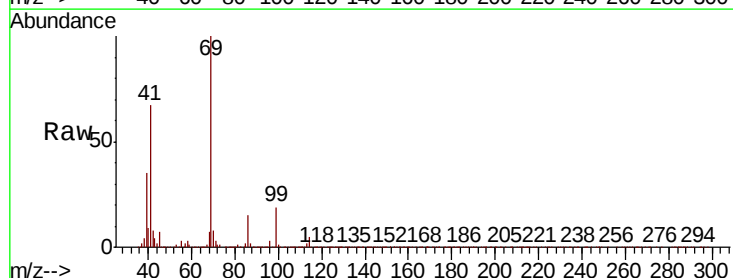
RT: 9.17 min Scan# 1359

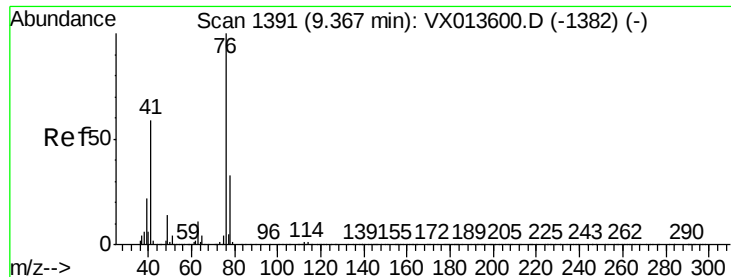
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	69	Resp:	179205
Ion Ratio	Lower	Upper	
69	100		
41	68.2	55.0	82.4
39	36.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 18.642 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 76 Resp: 196074

Ion Ratio Lower Upper

76 100

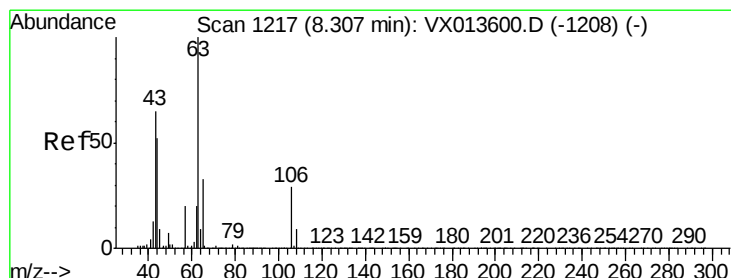
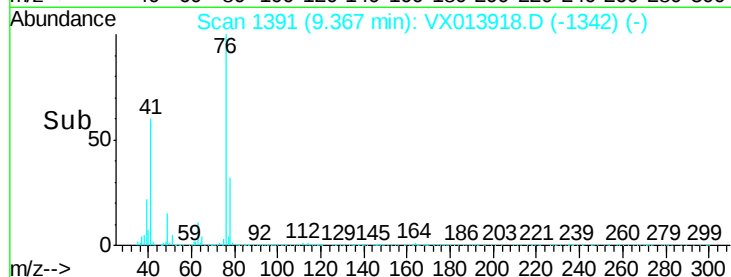
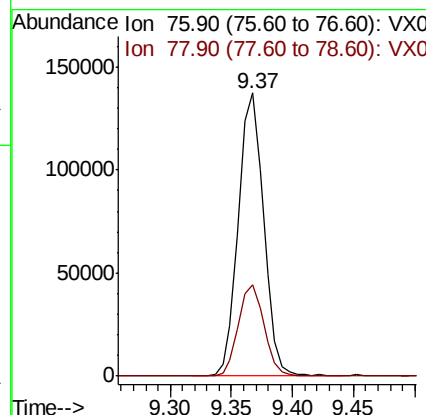
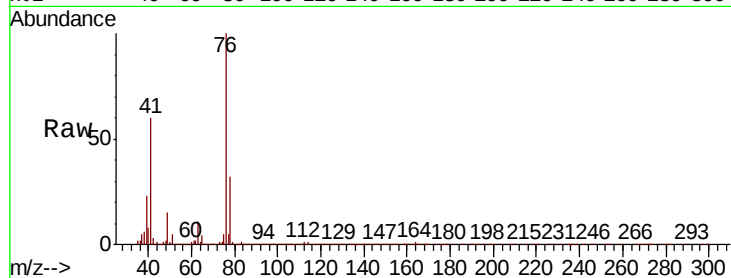
78 33.0 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 90.769 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013918.D

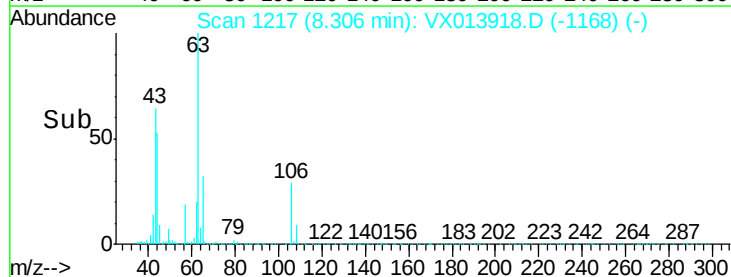
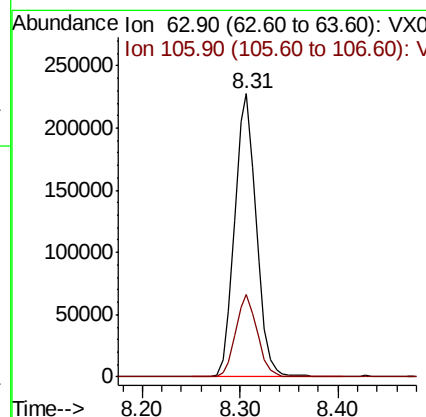
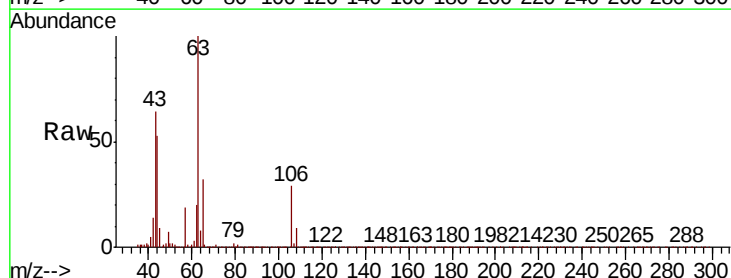
Acq: 10 Dec 2019 23:47

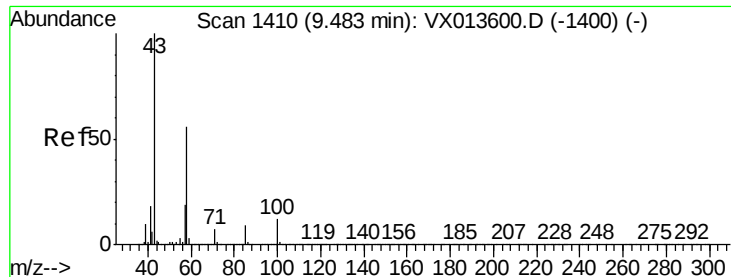
Tgt Ion: 63 Resp: 349131

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0





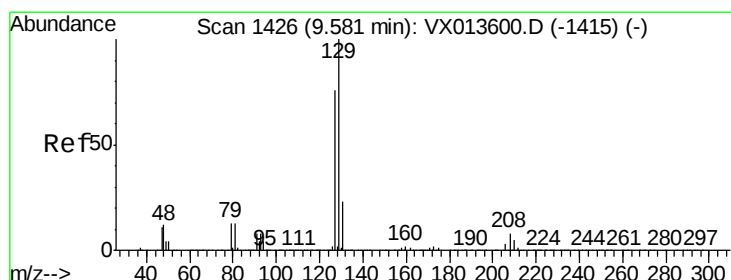
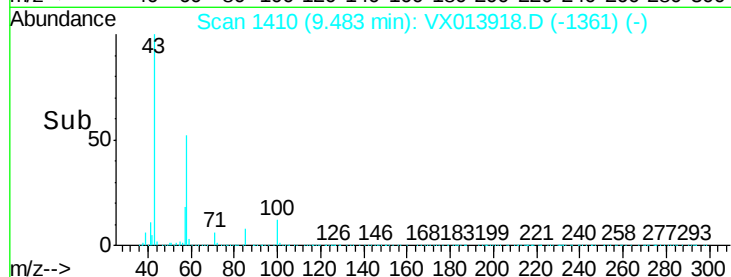
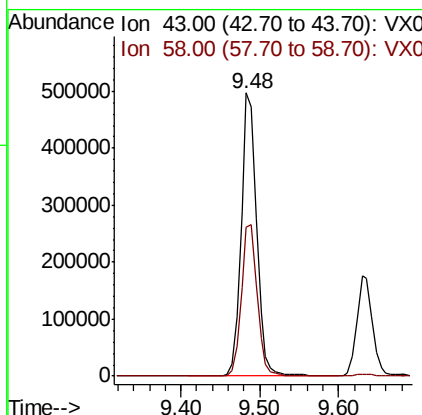
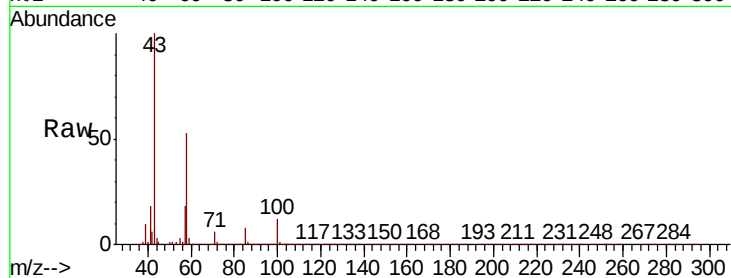
#59
2-Hexanone
Concen: 93.572 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	28.1	84.4

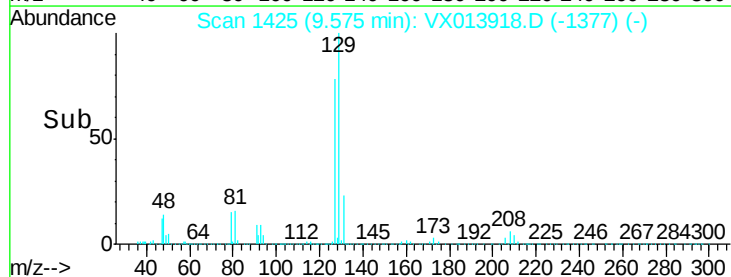
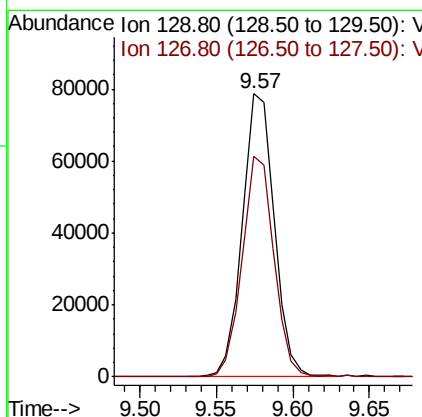
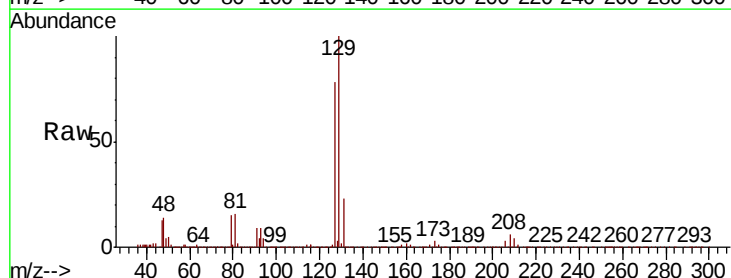
Manual Integrations
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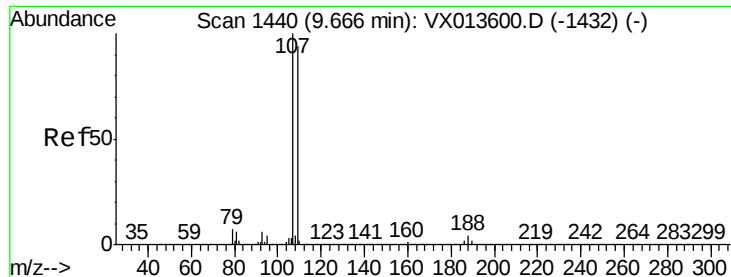
apatel
12/11/2019 2:14:17 PM



#60
Dibromochloromethane
Concen: 18.071 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.5





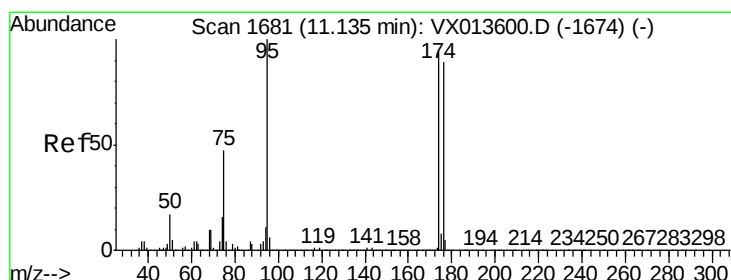
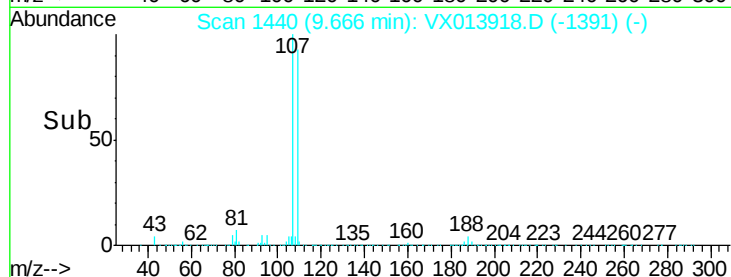
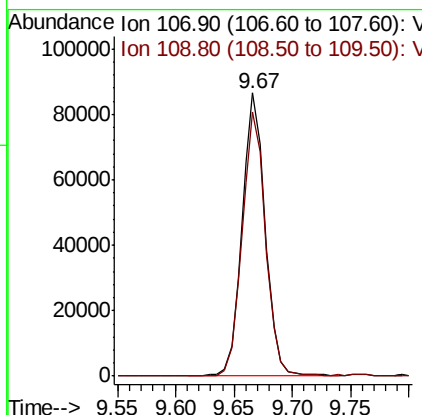
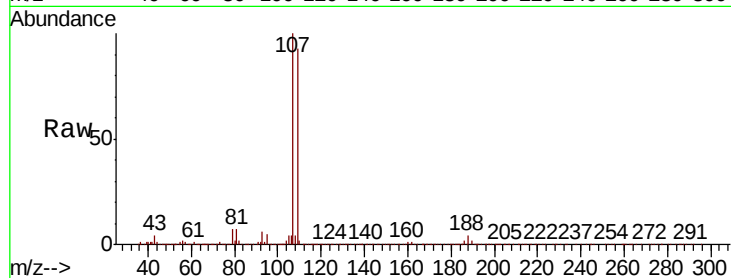
#61
 1,2-Dibromoethane
 Concen: 18.317 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.1	114.1

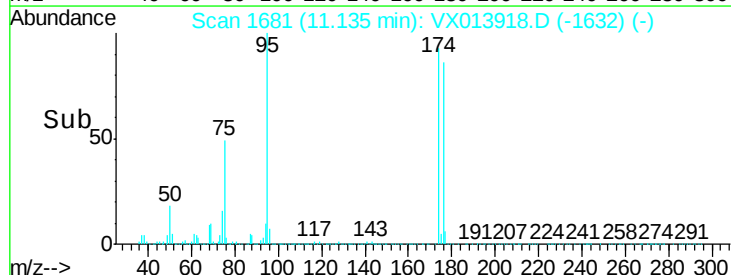
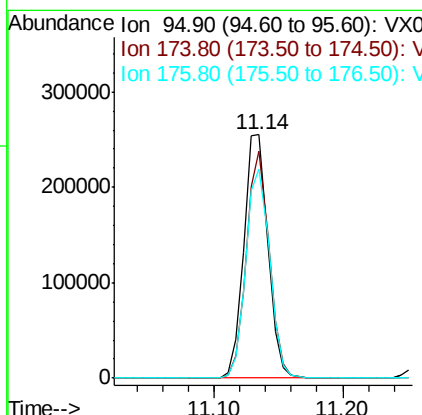
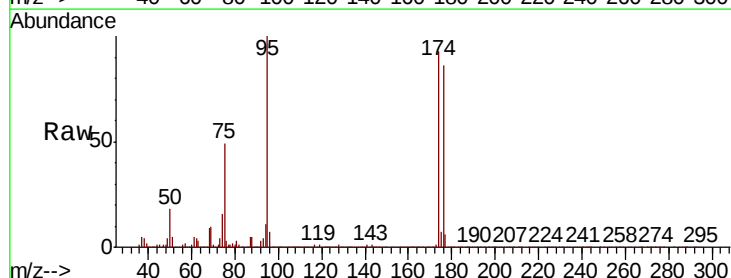
Manual Integrations
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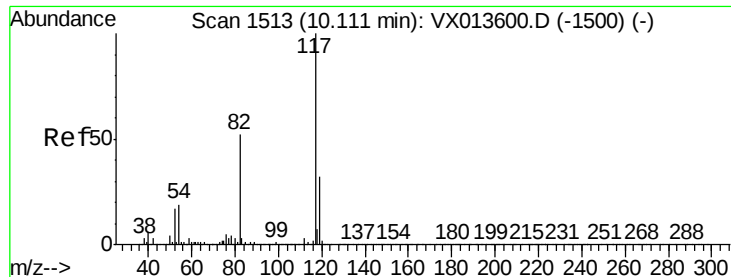
apatel
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#62
 4-Bromofluorobenzene
 Concen: 42.754 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013918.D
 Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	180.0
176	85.0	0.0	173.6





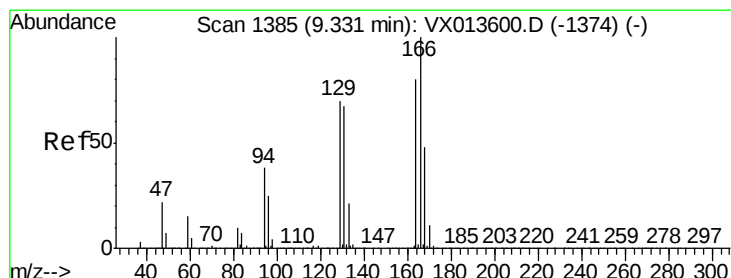
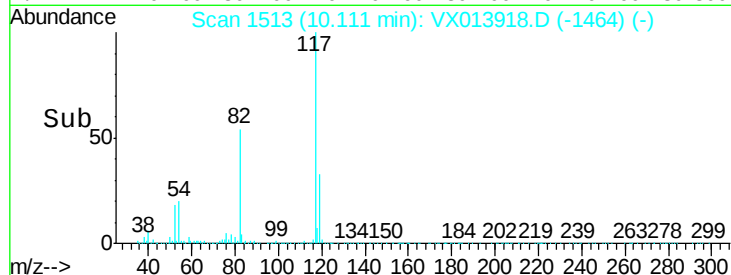
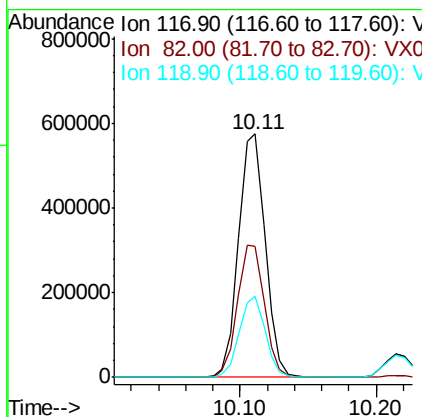
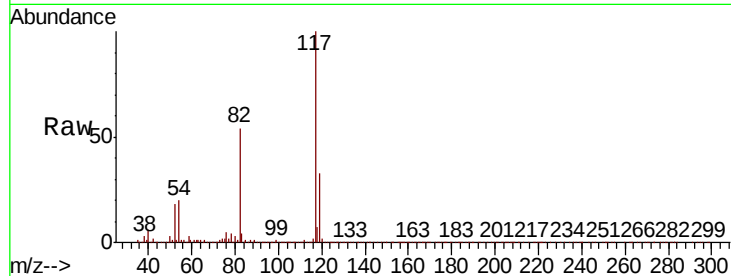
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	788468		
82	54.0		41.8	62.8
119	33.3		25.8	38.8

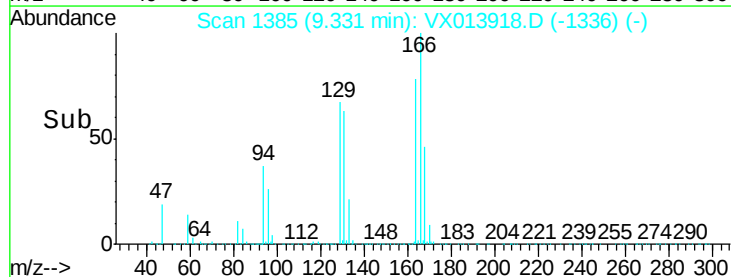
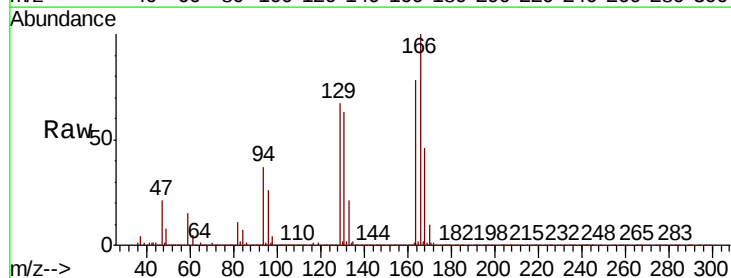
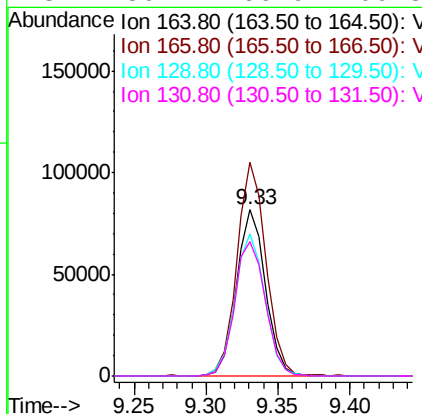
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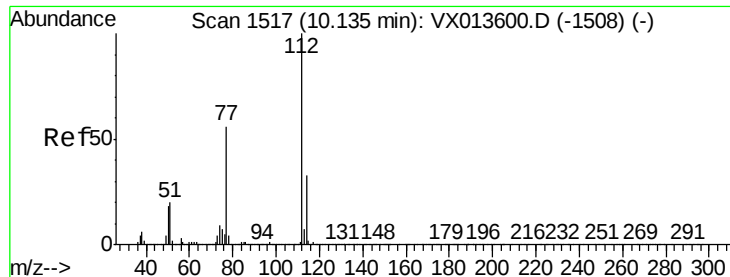
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#64
Tetrachloroethene
Concen: 19.344 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113740		
166	128.5		99.7	149.5
129	85.5		70.1	105.1
131	80.7		66.9	100.3





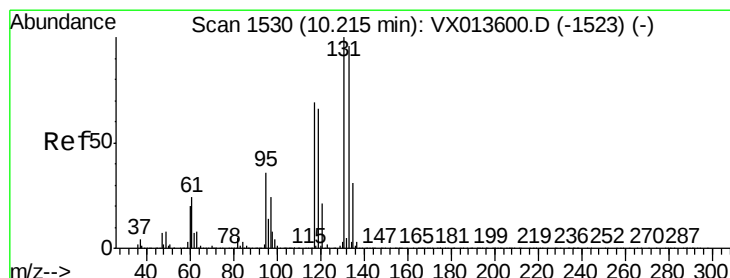
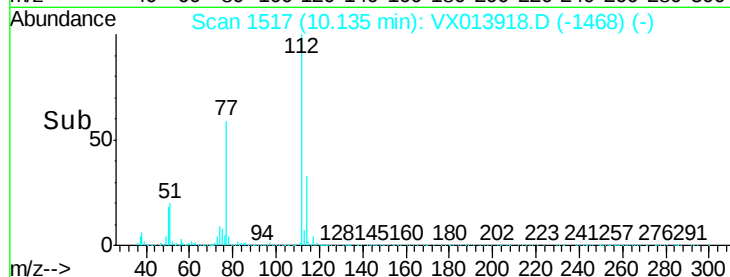
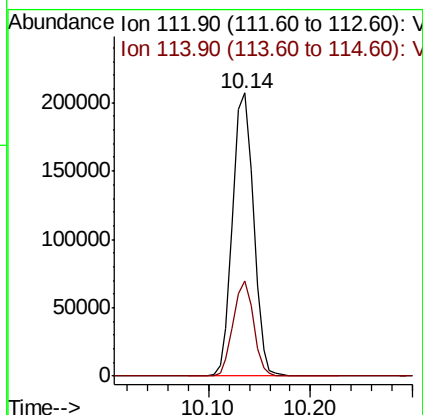
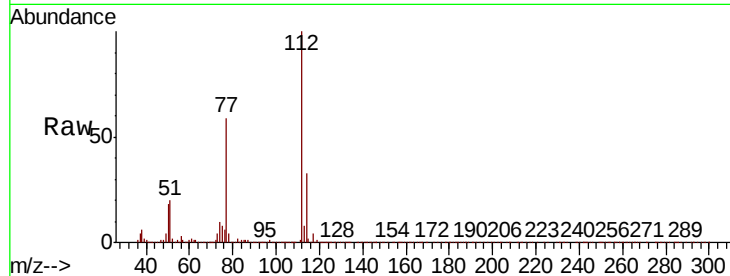
#65
Chlorobenzene
Concen: 17.901 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	26.1	39.1

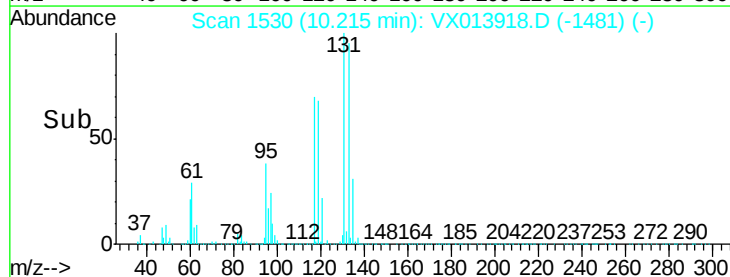
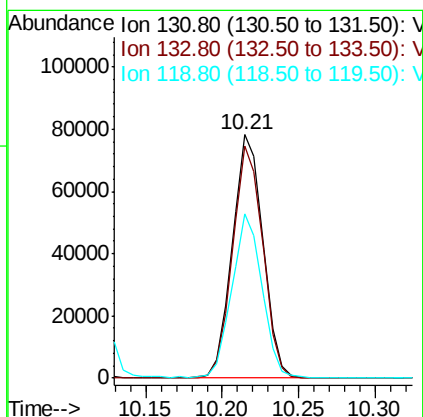
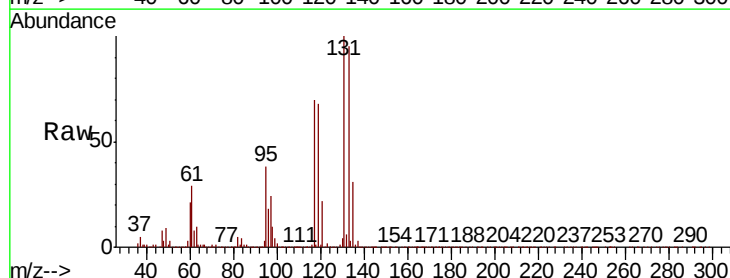
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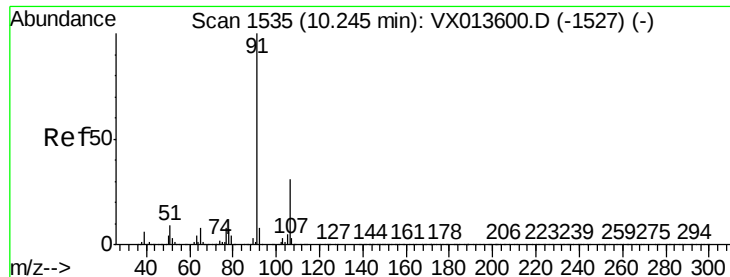
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.440 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.7	143.1
119	65.9	32.9	98.6





#67

Ethyl Benzene

Concen: 18.293 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 91 Resp: 514601

Ion Ratio Lower Upper

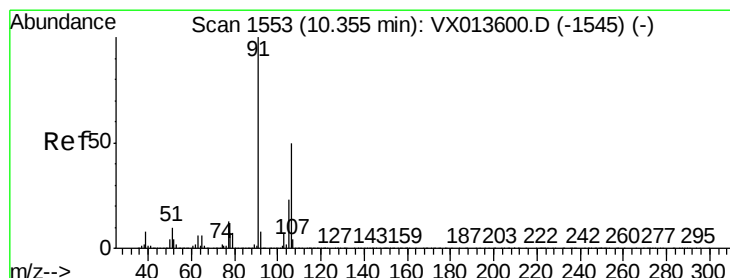
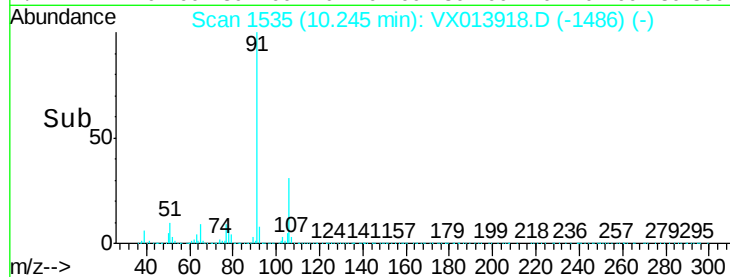
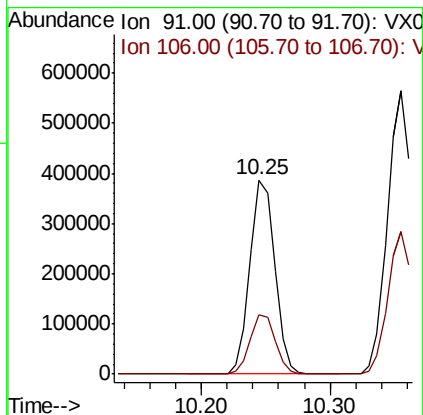
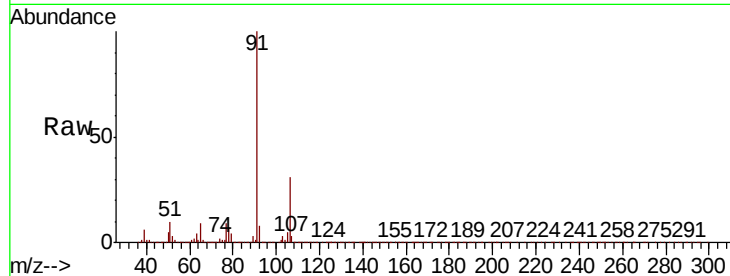
91 100

106 30.7 24.5 36.7

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#68

m/p-Xylenes

Concen: 35.958 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013918.D

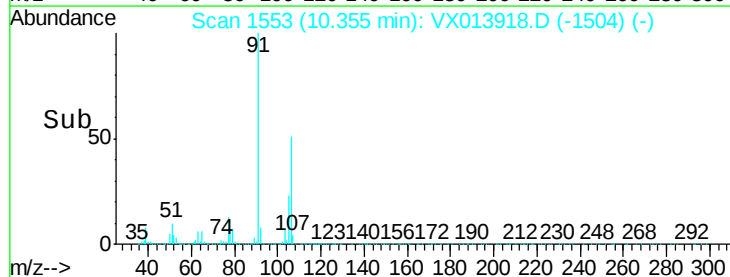
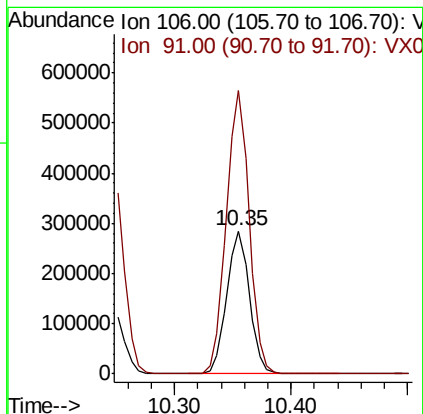
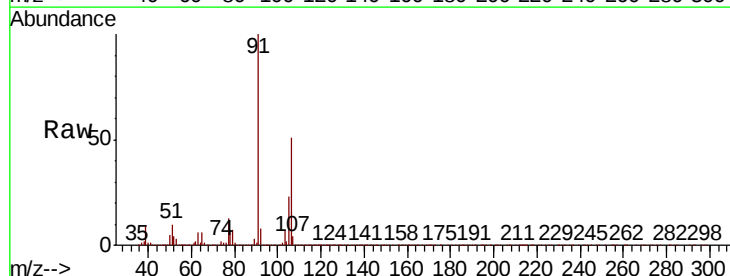
Acq: 10 Dec 2019 23:47

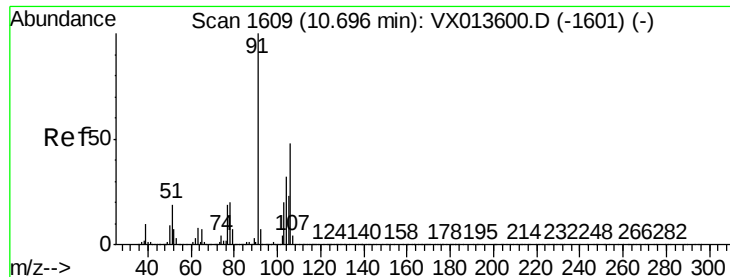
Tgt Ion: 106 Resp: 387263

Ion Ratio Lower Upper

106 100

91 198.8 159.0 238.4





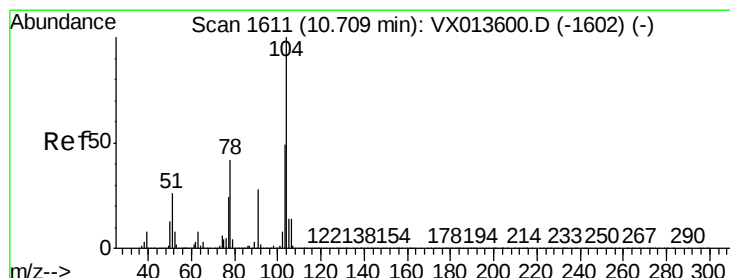
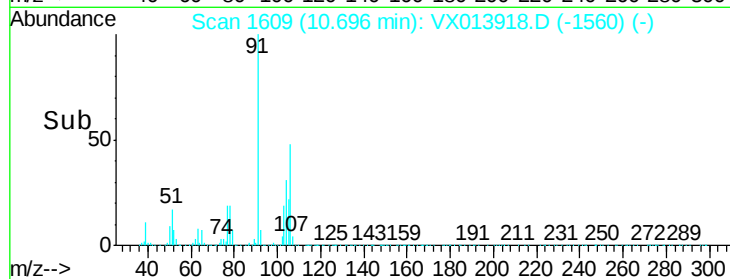
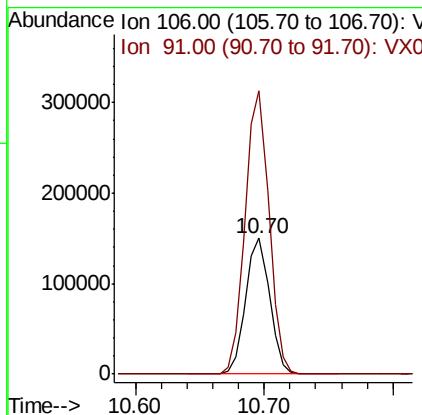
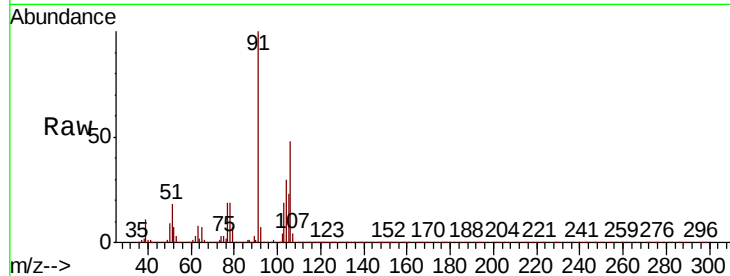
#69
o-Xylene
Concen: 18.346 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion:106 Resp: 192703
Ion Ratio Lower Upper
106 100
91 207.6 104.1 312.2

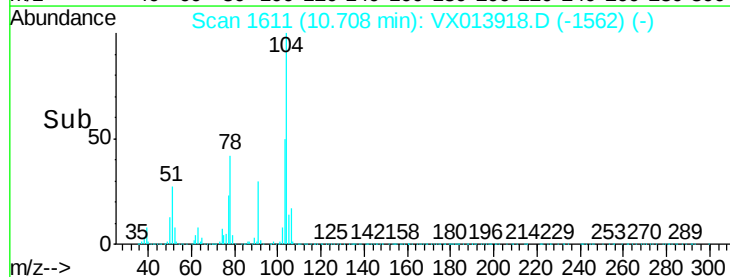
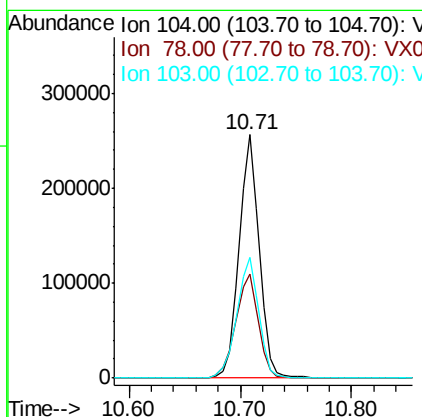
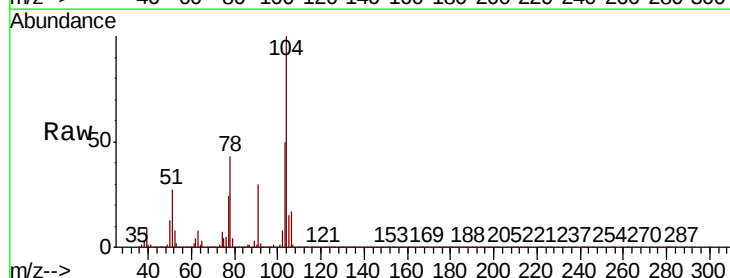
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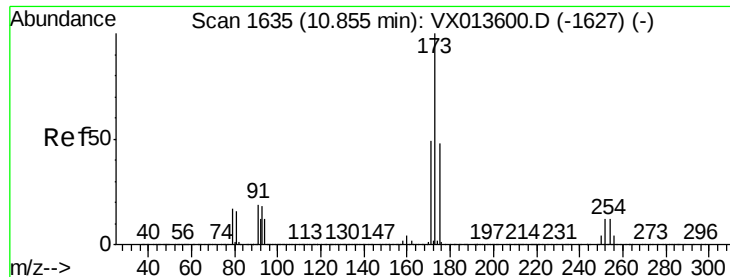
apatel
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#70
Styrene
Concen: 18.103 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion:104 Resp: 319859
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.1 43.7 65.5





#71

Bromoform

Concen: 17.487 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

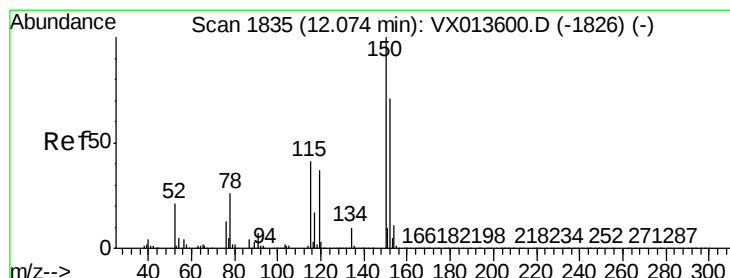
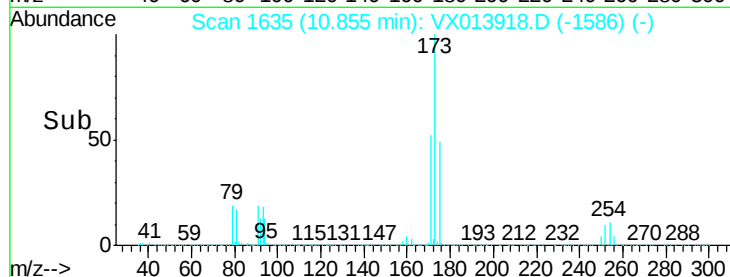
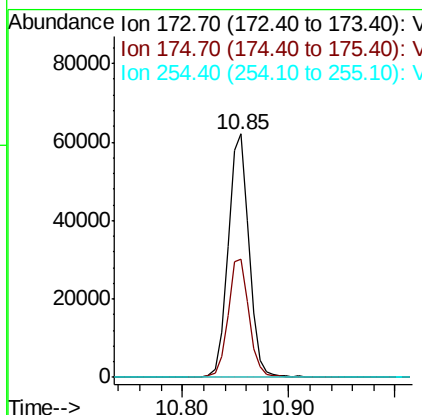
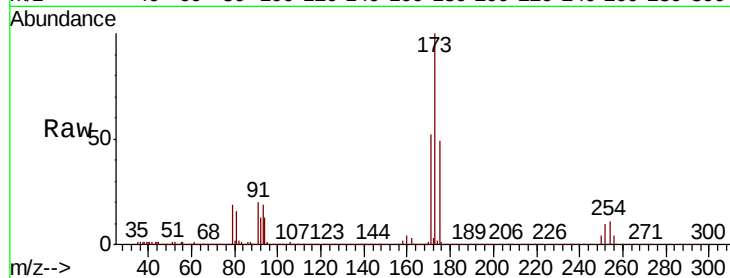
ClientSampleId :

VX1210WBSD02

Tot Ion:	173	Resp:	85053
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.3	72.8
254	0.2	0.2	0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

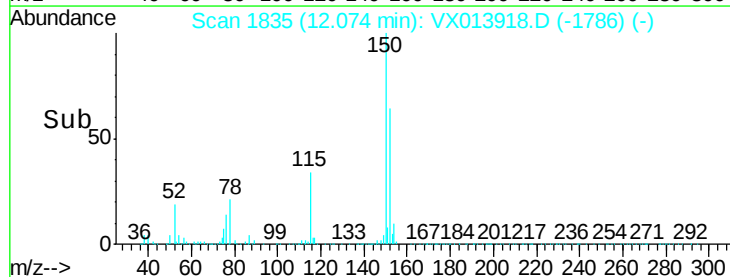
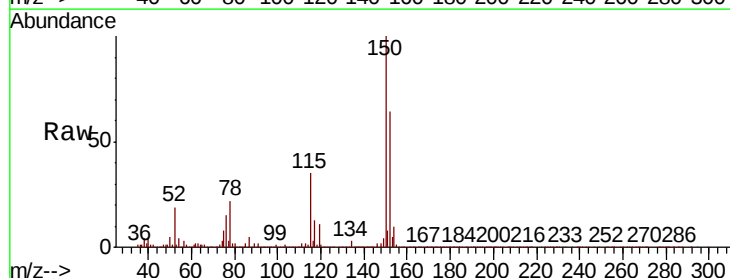
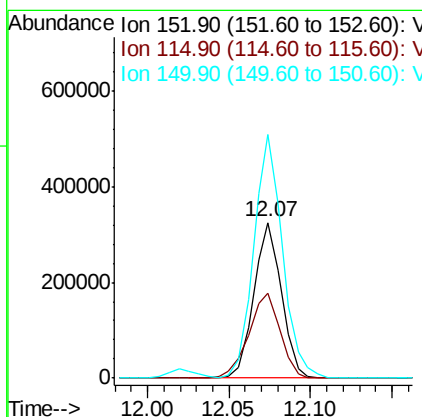
RT: 12.07 min Scan# 1835

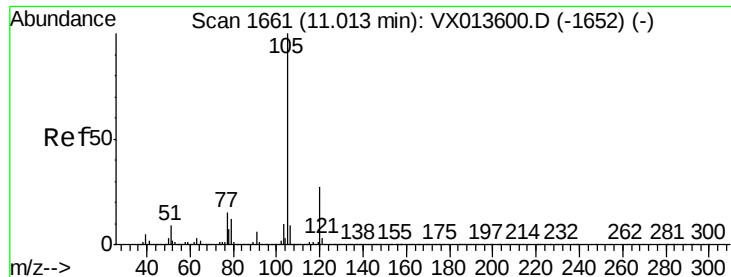
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	152	Resp:	384045
Ion Ratio	Lower	Upper	
152	100		
115	62.1	38.4	115.1
150	162.3	0.0	346.8





#73

Isopropylbenzene

Concen: 18.704 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:105 Resp: 503861

Ion Ratio Lower Upper

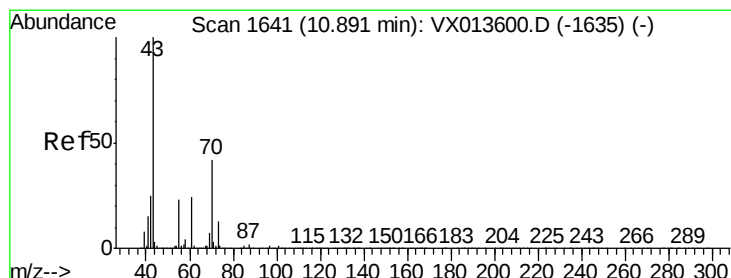
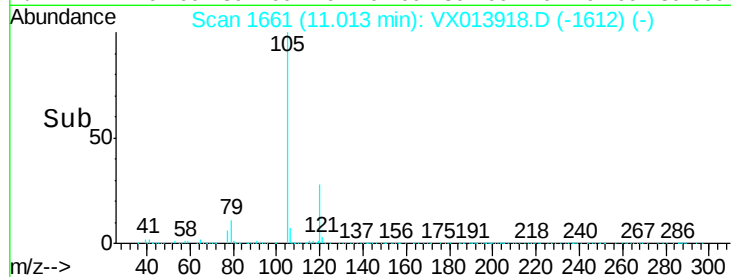
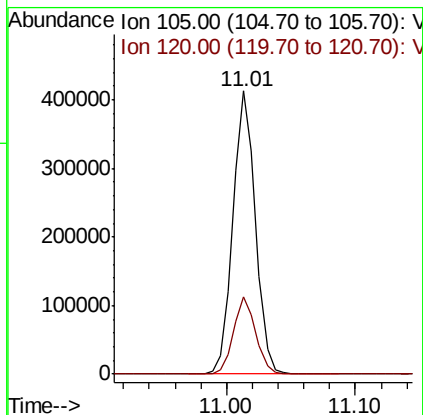
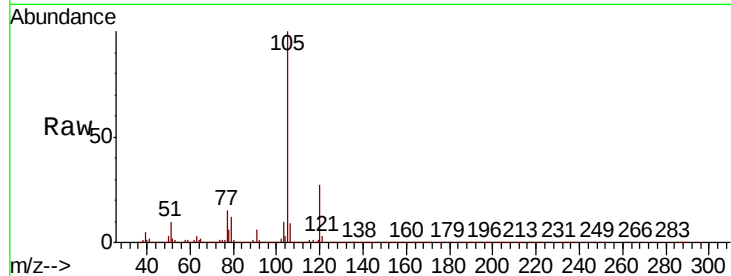
105 100

120 26.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.321 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion: 43 Resp: 226086

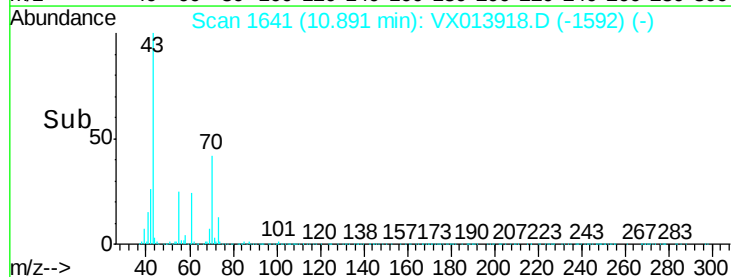
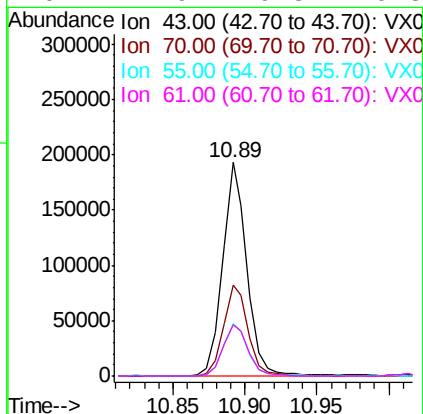
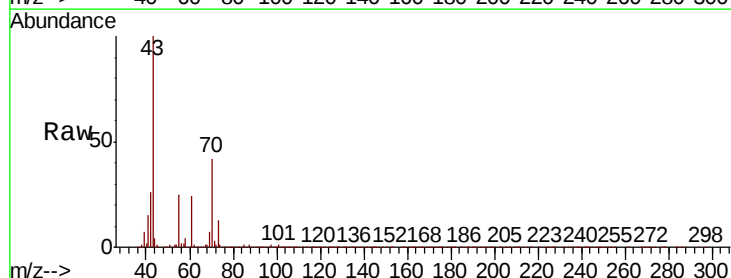
Ion Ratio Lower Upper

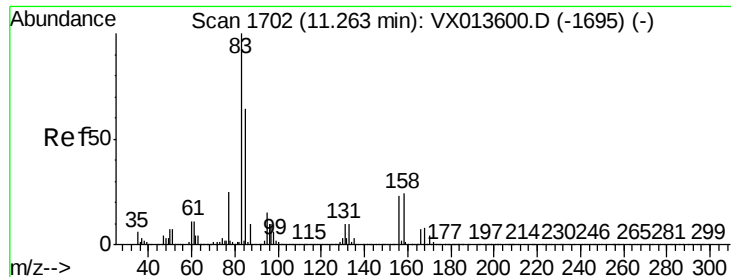
43 100

70 43.6 34.3 51.5

55 25.1 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.472 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

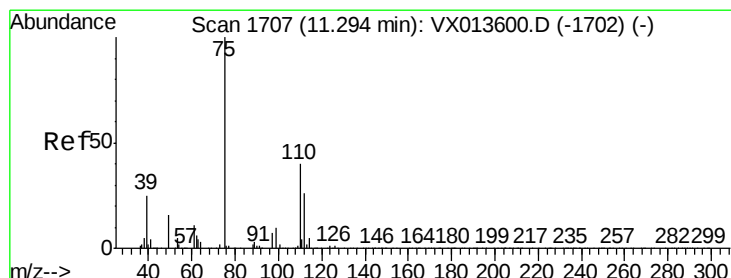
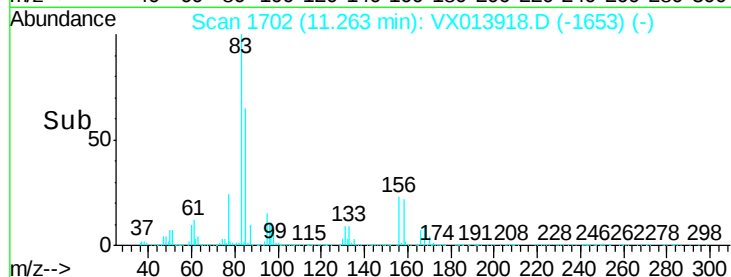
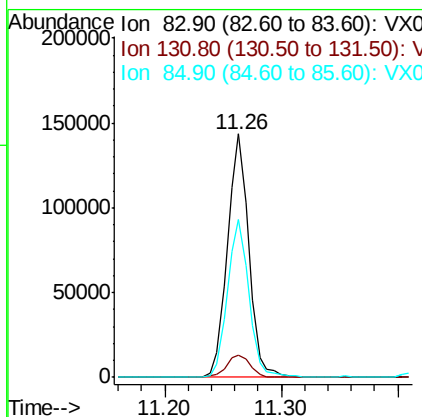
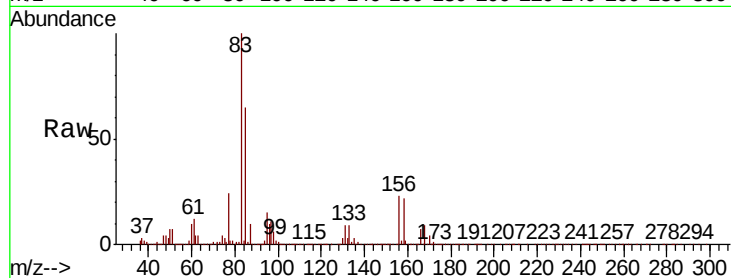
ClientSampleId :

VX1210WBSD02

Tot Ion:	83	Resp:	181916
Ion Ratio		Lower	Upper
83	100		
131	10.5	5.1	15.3
85	65.0	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 19.118 ug/l m

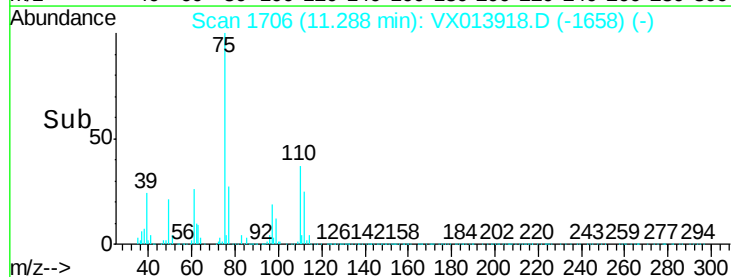
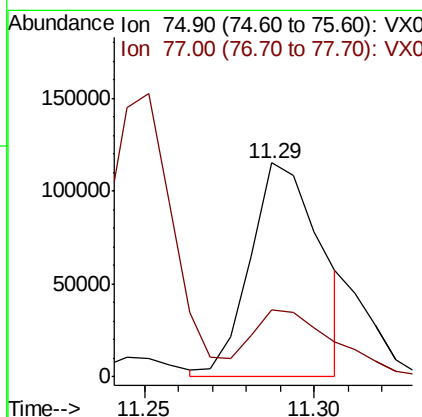
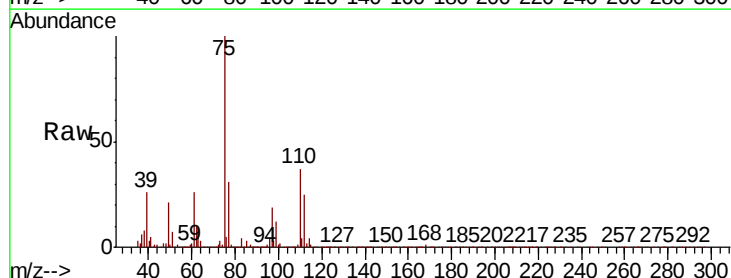
RT: 11.29 min Scan# 1706

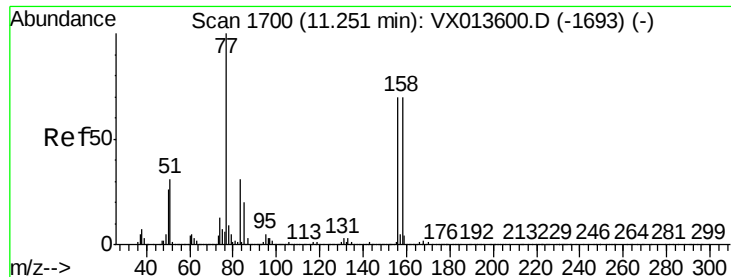
Delta R.T. -0.01 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	75	Resp:	165141
Ion Ratio		Lower	Upper
75	100		
77	36.4	19.1	57.5





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

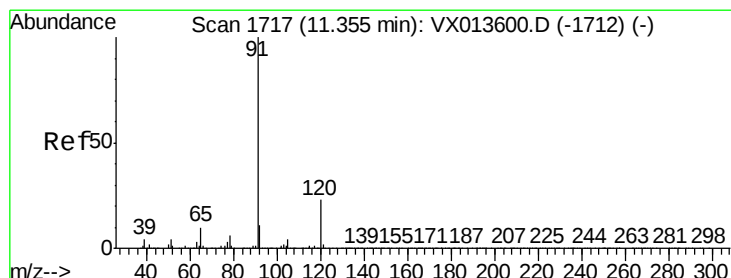
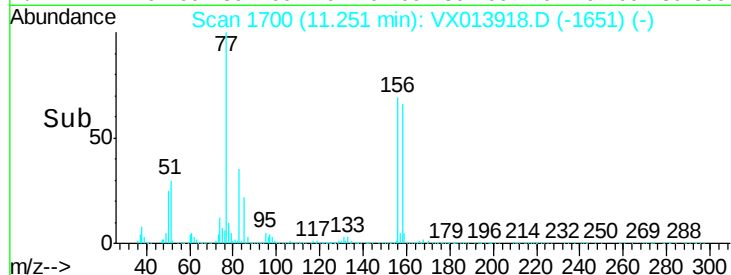
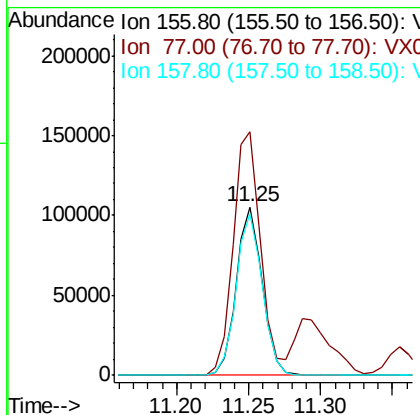
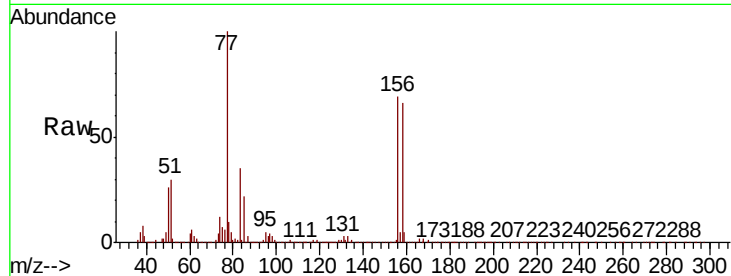
ClientSampleId :

VX1210WBSD02

Tot Ion:	156	Resp:	132534
Ion Ratio	Lower	Upper	
156	100		
77	153.4	74.4	223.1
158	96.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 18.330 ug/l

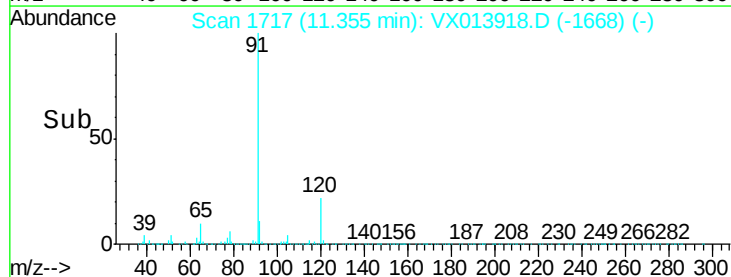
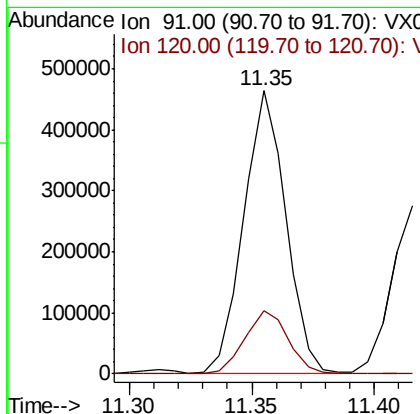
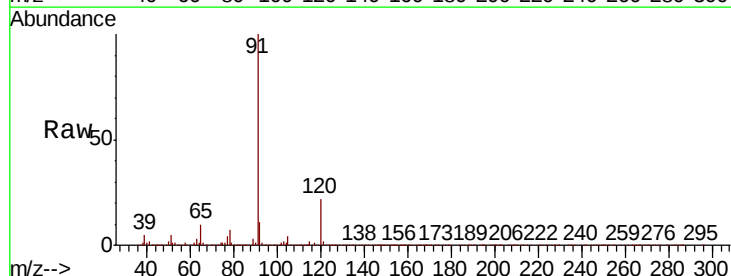
RT: 11.35 min Scan# 1717

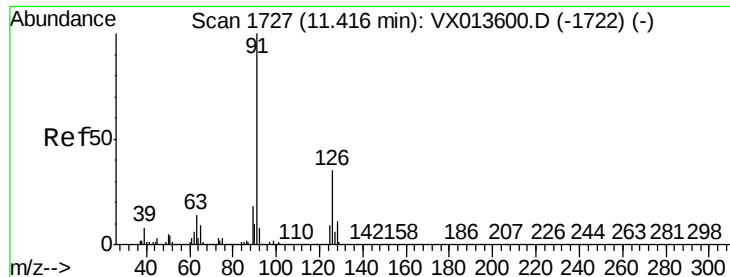
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	91	Resp:	551239
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 18.576 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion: 91 Resp: 335110

Ion Ratio Lower Upper

91 100

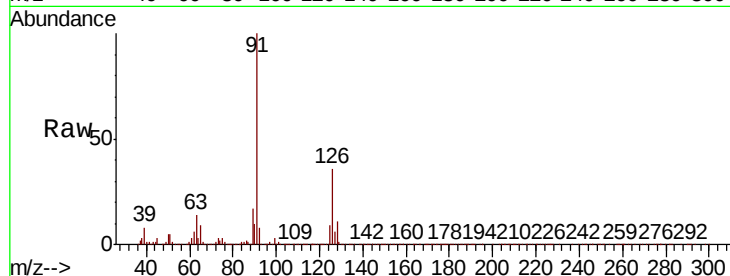
126 35.1 17.5 52.5

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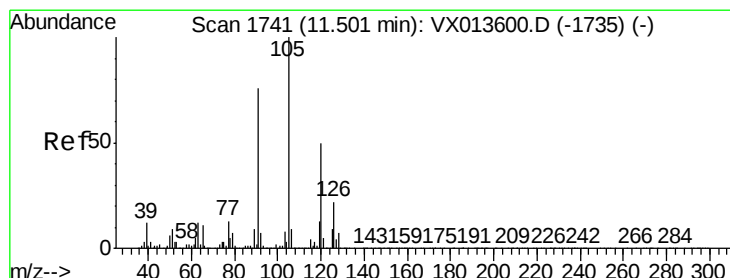
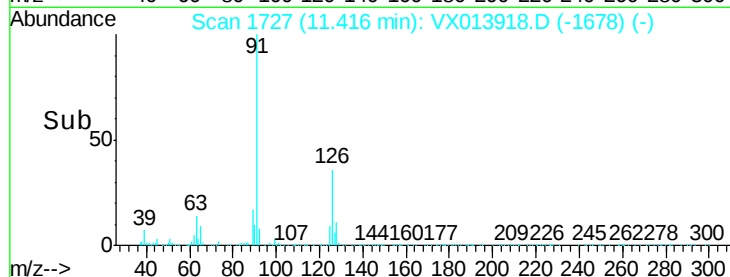
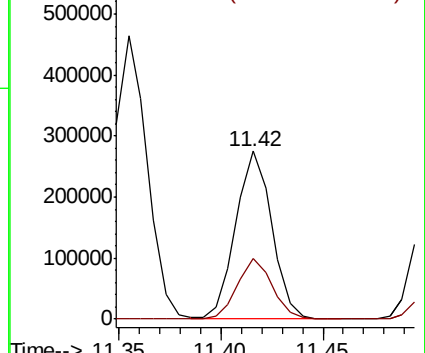
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.868 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013918.D

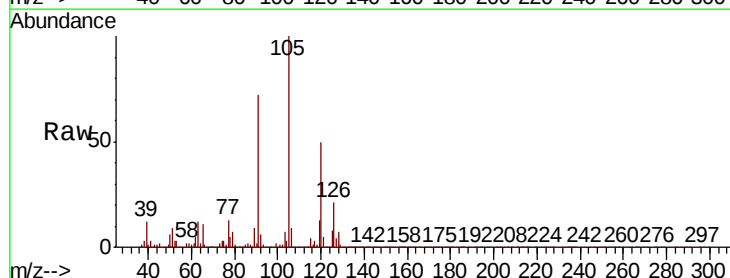
Acq: 10 Dec 2019 23:47

Tgt Ion: 105 Resp: 416579

Ion Ratio Lower Upper

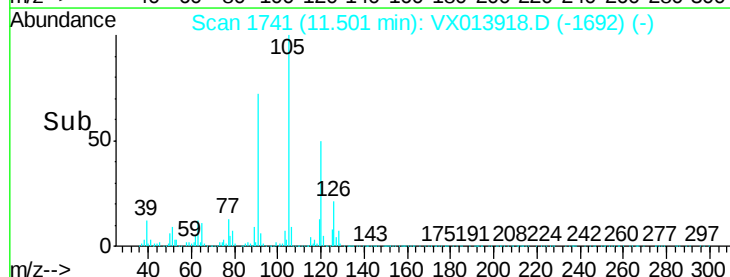
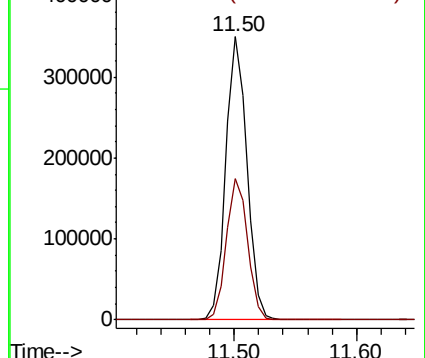
105 100

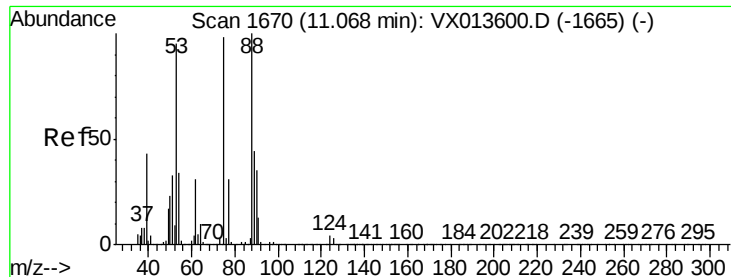
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.144 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

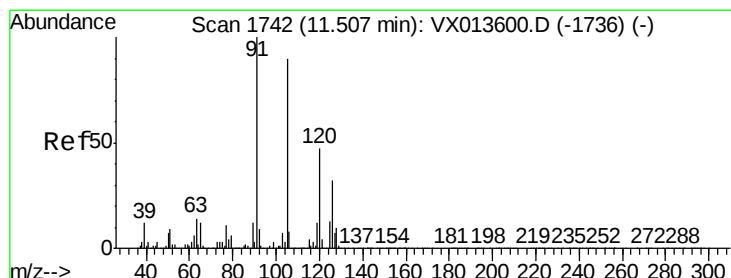
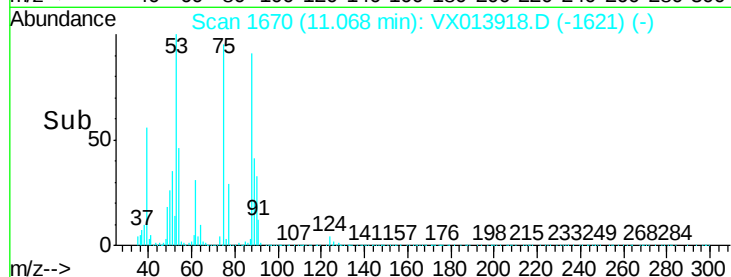
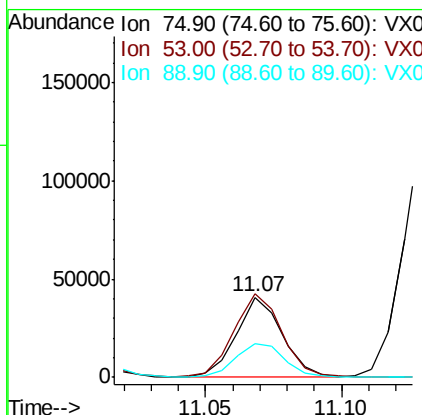
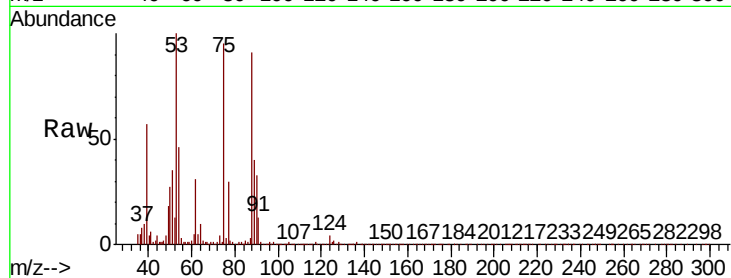
ClientSampleId :

VX1210WBSD02

Tot Ion:	75	Resp:	47813
Ion	Ratio	Lower	Upper
75	100		
53	106.9	78.2	117.2
89	46.2	35.4	53.2

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#82

4-Chlorotoluene

Concen: 18.229 ug/l

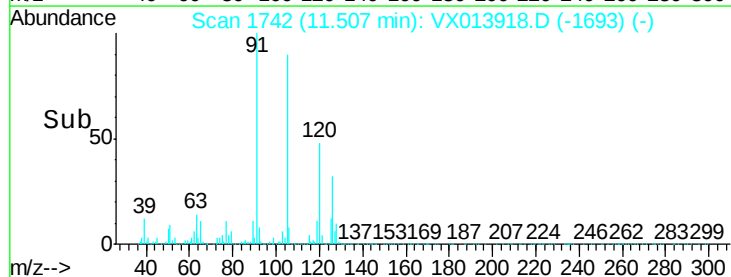
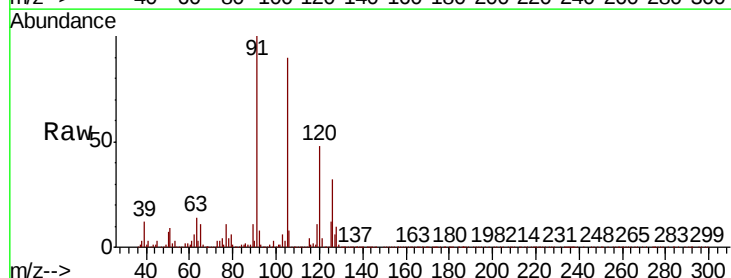
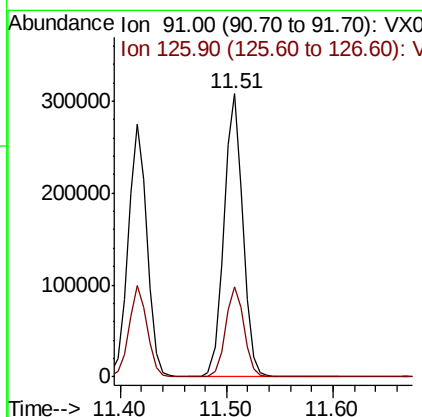
RT: 11.51 min Scan# 1742

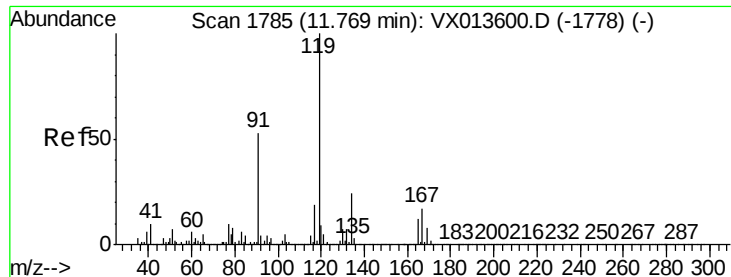
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	91	Resp:	380875
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





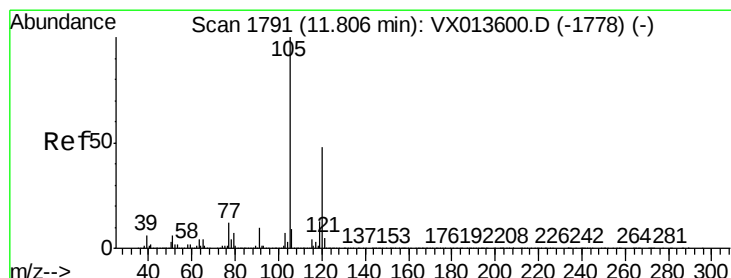
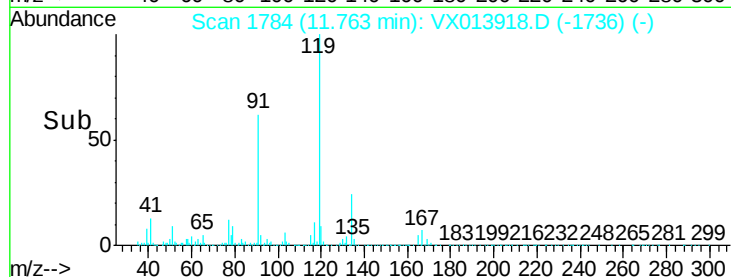
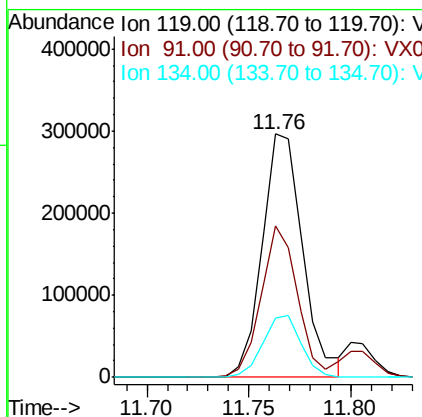
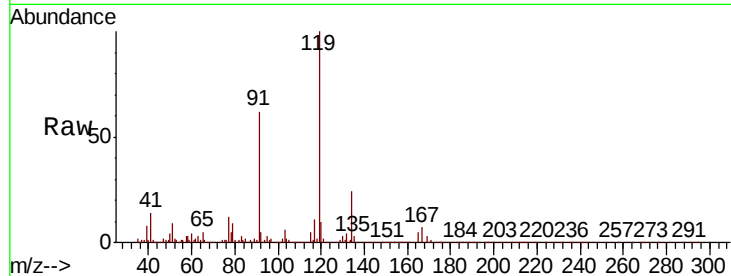
#83
tert-Butylbenzene
Concen: 18.279 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.2	81.6
134	23.9	11.7	35.1

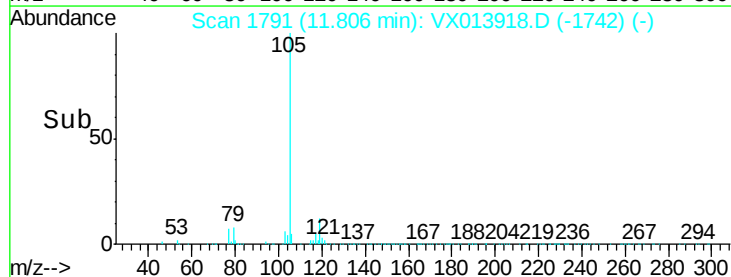
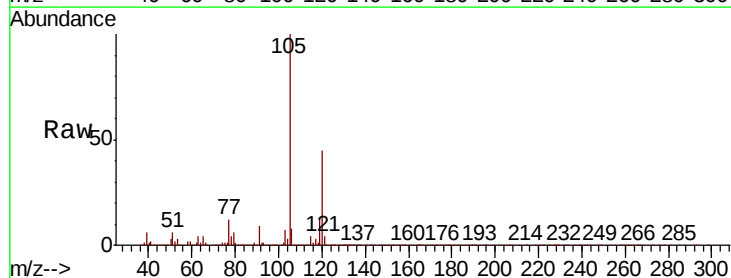
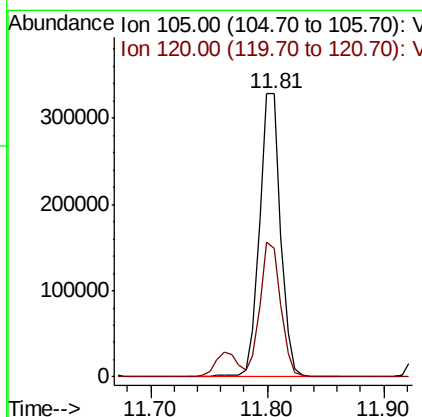
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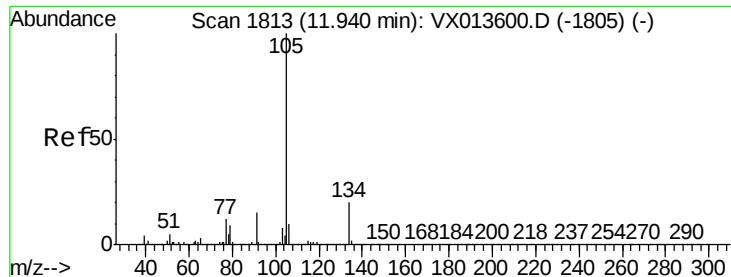
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 18.594 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.382 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD02

Tot Ion:105 Resp: 471131

Ion Ratio Lower Upper

105 100

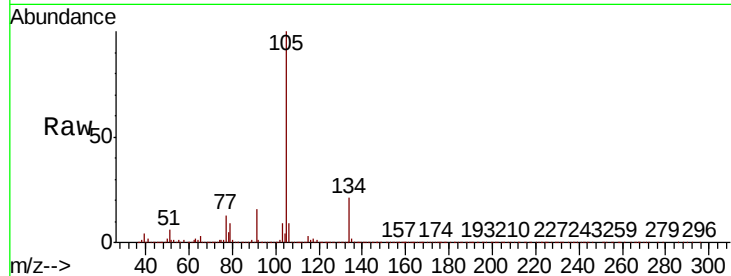
134 21.3 10.4 31.2

Manual Integrations

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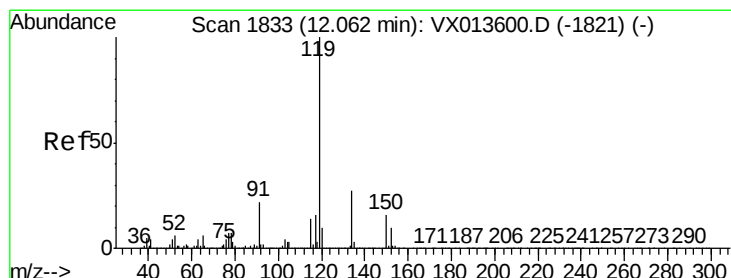
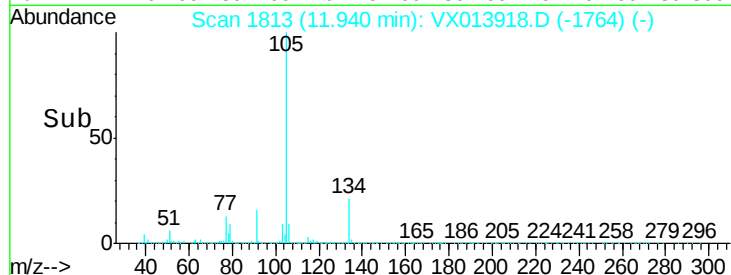
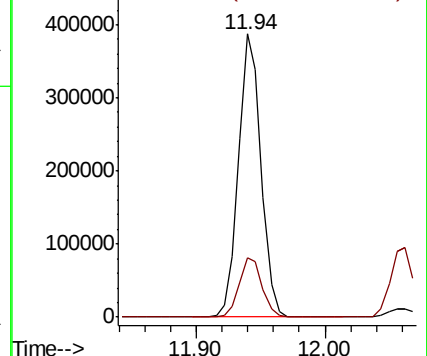
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.994 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

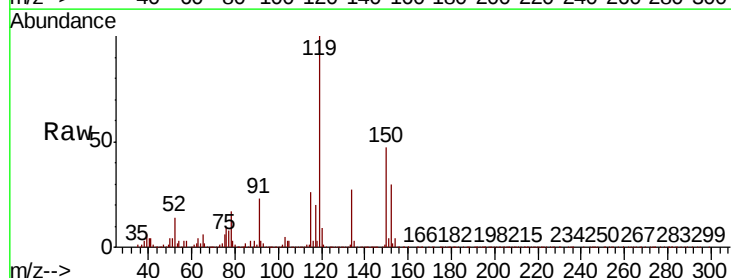
Tgt Ion:119 Resp: 429049

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

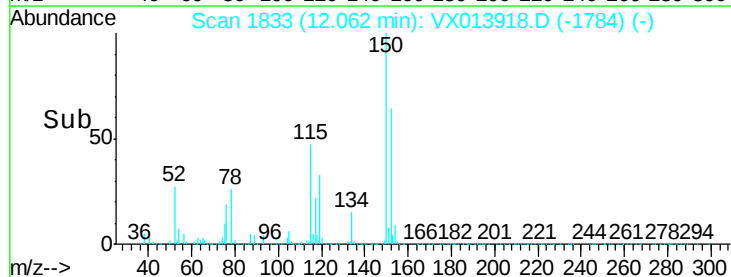
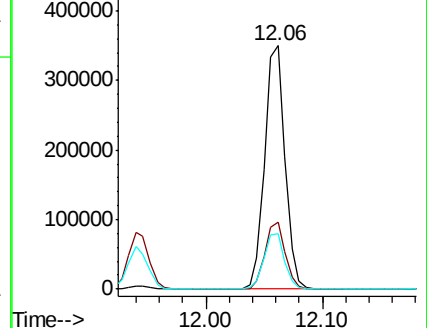
91 22.9 11.3 33.8

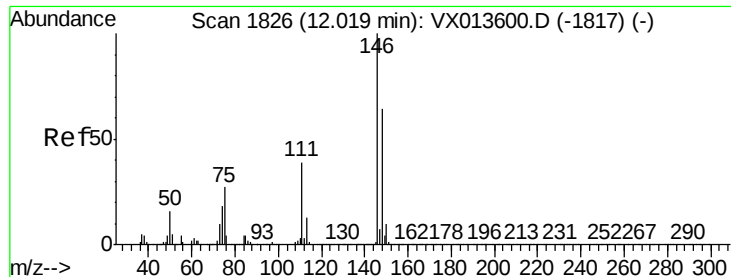


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.782 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

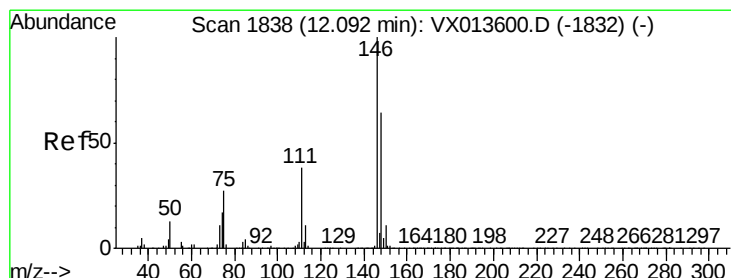
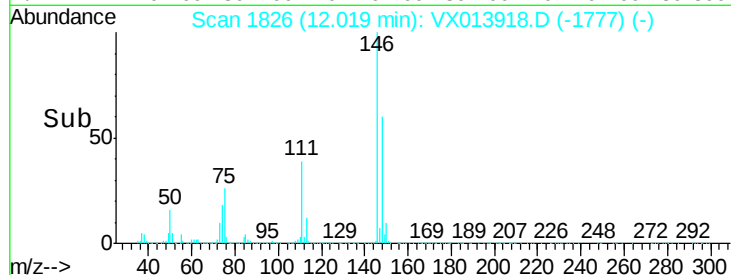
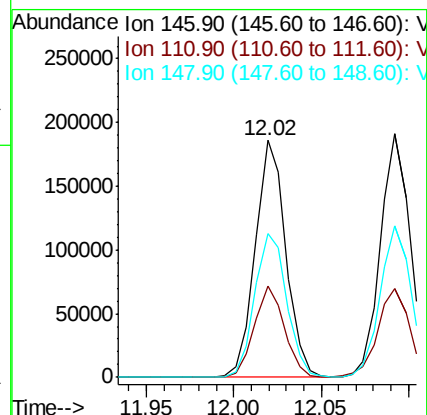
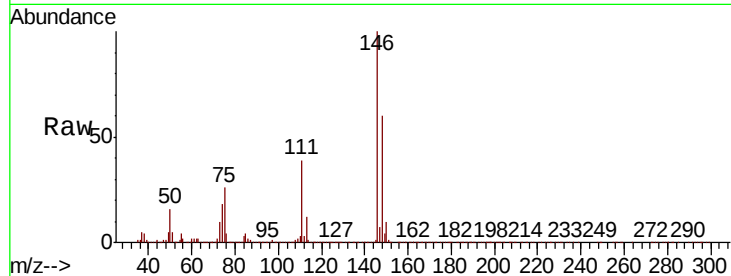
ClientSampleId :

VX1210WBSD02

Tot Ion:	146	Resp:	225590
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.0	57.0
148	63.6	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 17.597 ug/l

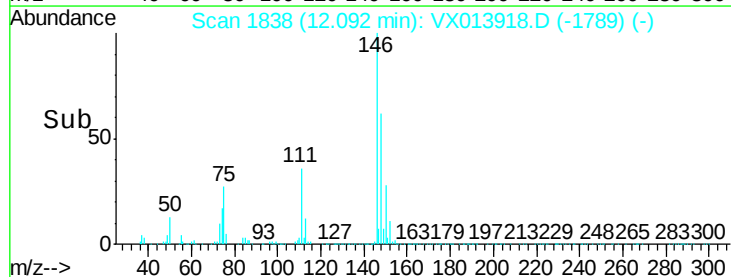
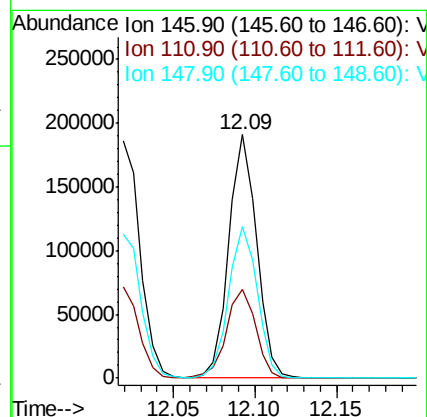
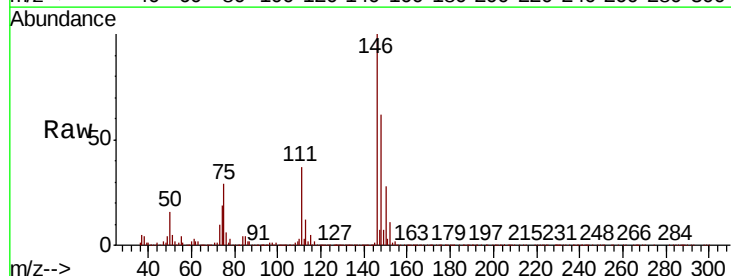
RT: 12.09 min Scan# 1838

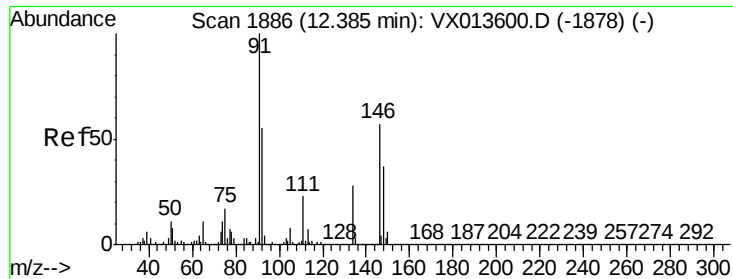
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	146	Resp:	227382
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.9	56.9
148	64.1	31.9	95.5





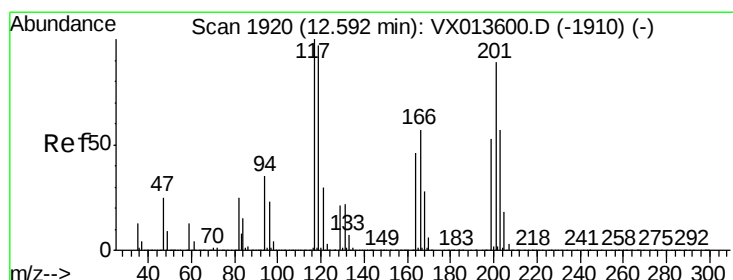
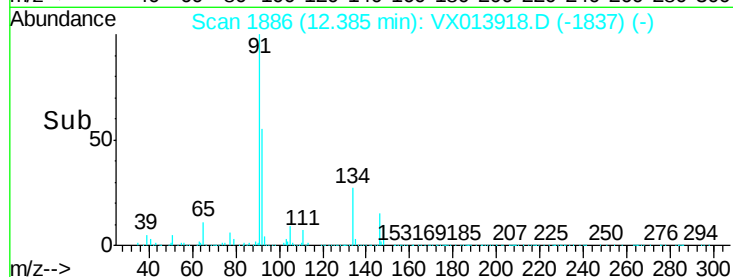
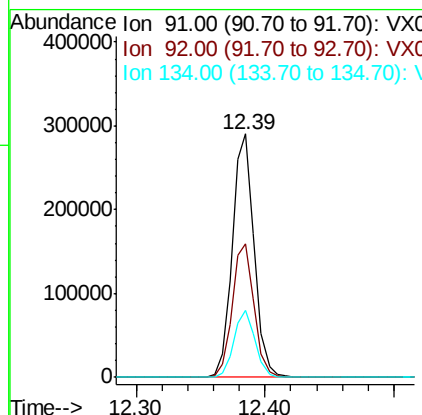
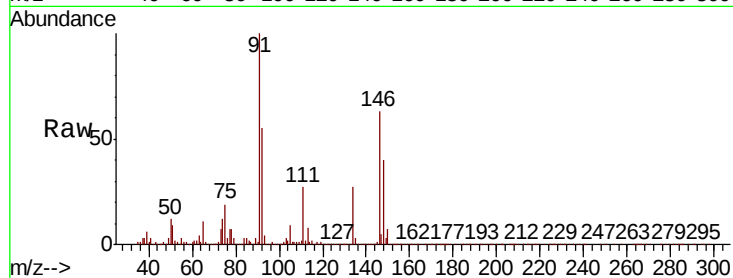
#89
n-Butylbenzene
Concen: 16.891 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	26.7	13.5	40.4

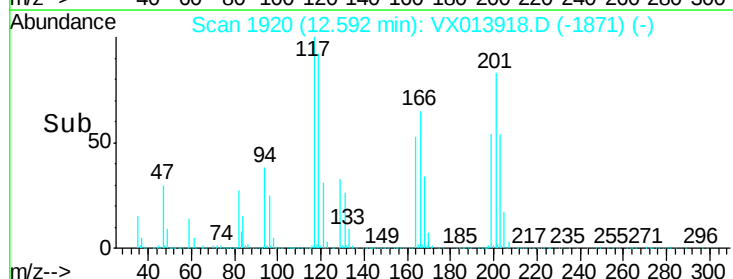
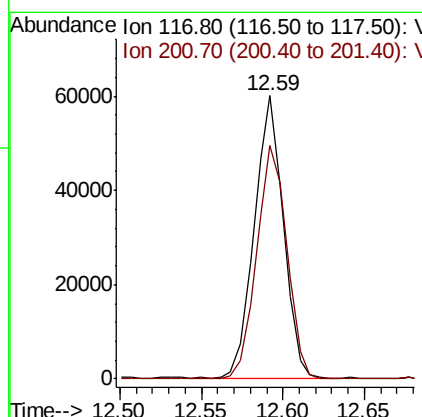
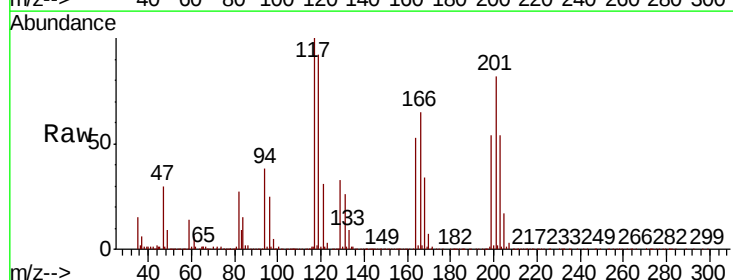
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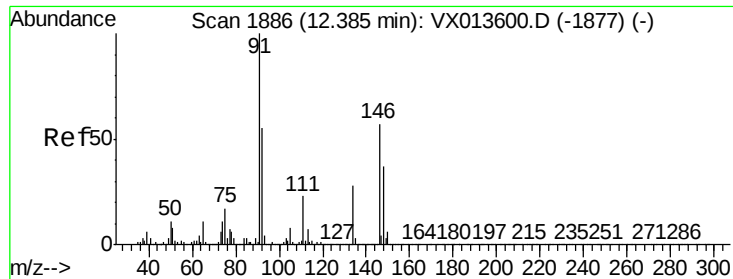
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#90
Hexachloroethane
Concen: 17.234 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 18.403 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Instrument :

MSVOA_X

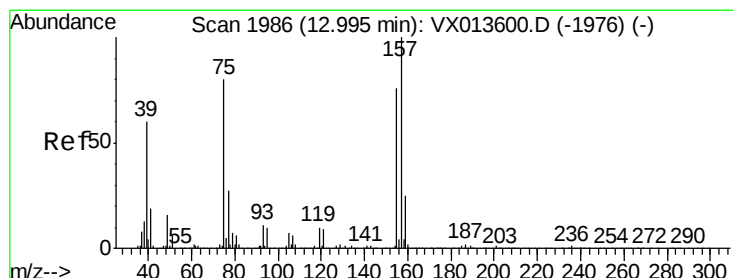
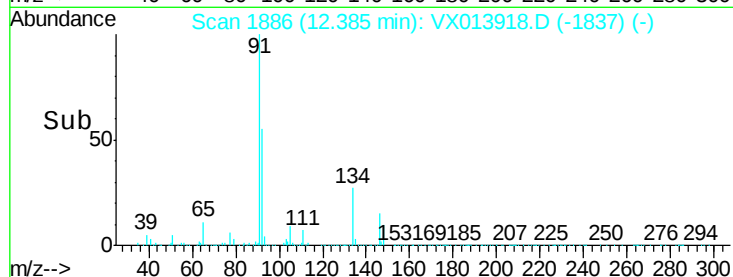
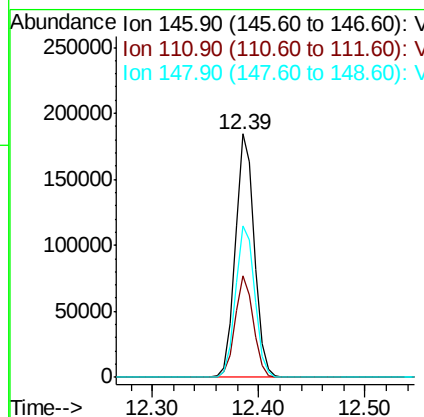
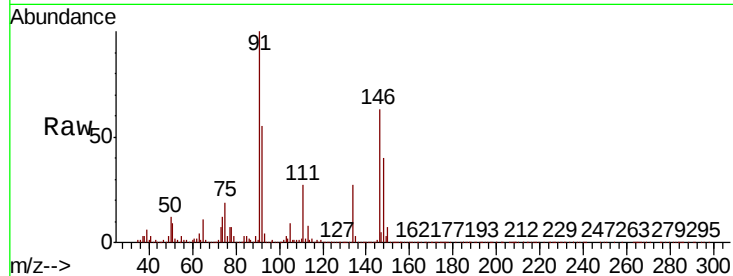
ClientSampleId :

VX1210WBSD02

Tot Ion:	146	Resp:	230671
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.7
148	63.3	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.078 ug/l

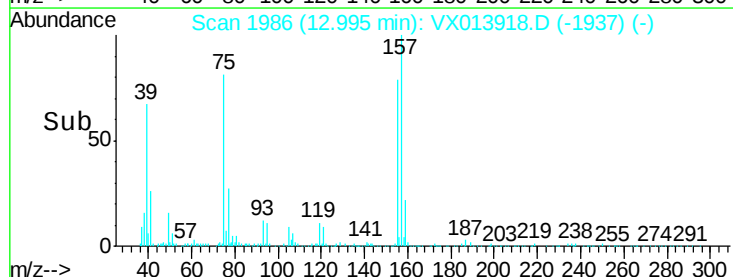
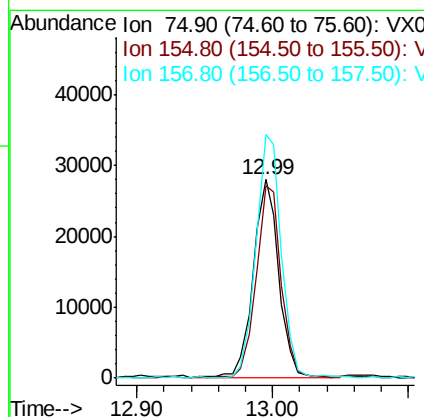
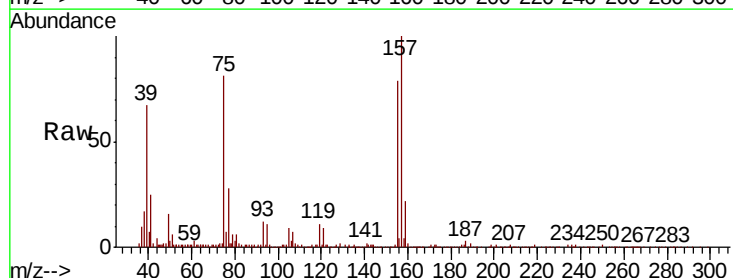
RT: 12.99 min Scan# 1986

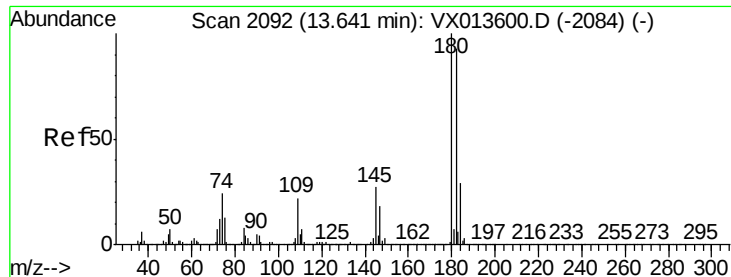
Delta R.T. -0.00 min

Lab File: VX013918.D

Acq: 10 Dec 2019 23:47

Tgt Ion:	75	Resp:	36778
Ion Ratio	Lower	Upper	
75	100		
155	94.3	47.6	142.8
157	121.2	62.1	186.2





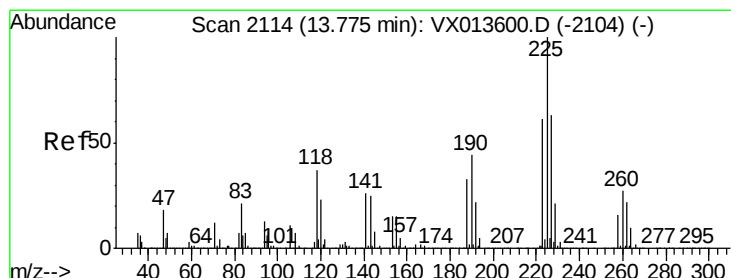
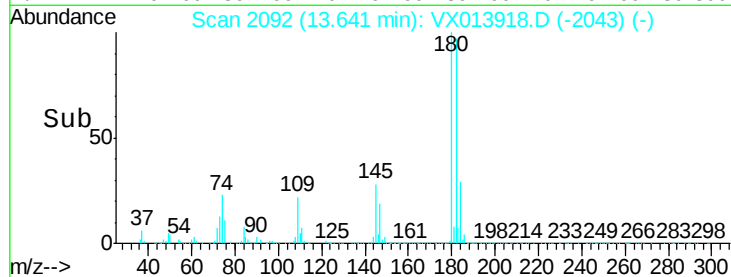
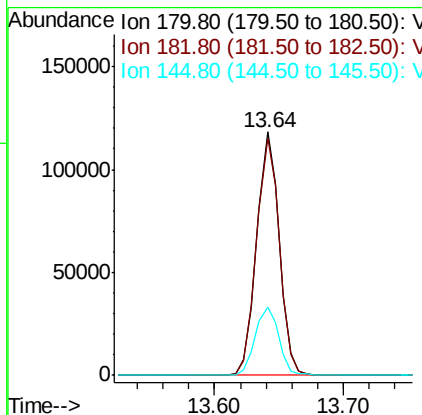
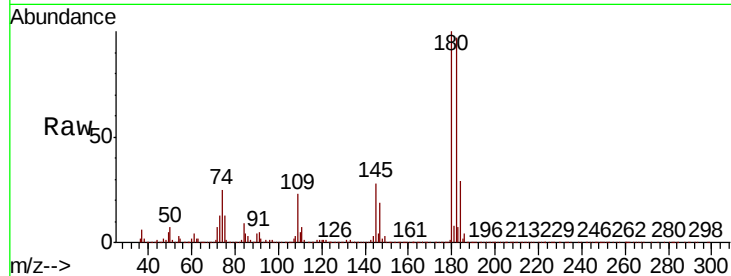
#93
1,2,4-Trichlorobenzene
Concen: 16.177 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	98.5	47.2	141.6
145	29.0	13.8	41.4

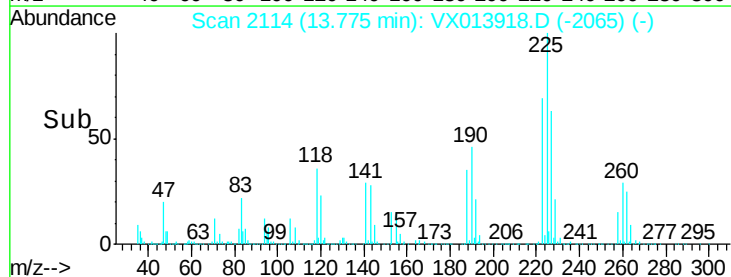
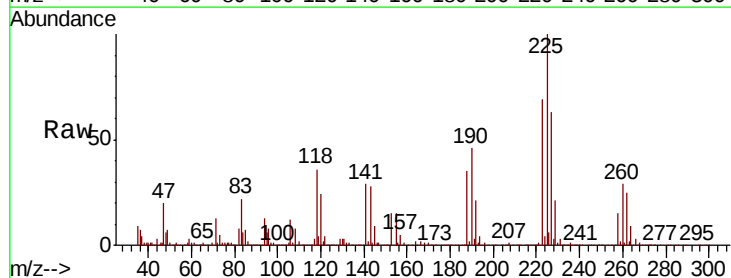
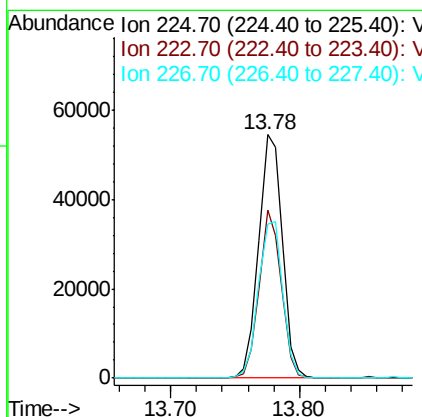
Manual Integrations
APPROVED

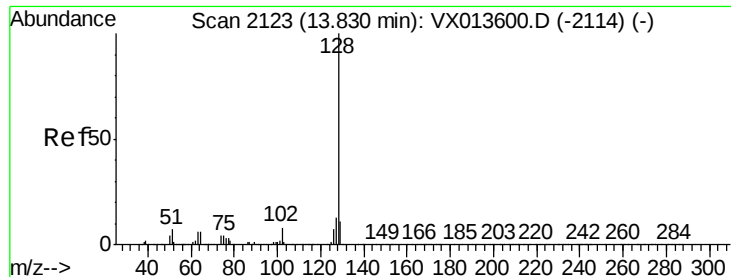
apatel
12/11/2019 2:14:17 PM



#94
Hexachlorobutadiene
Concen: 16.512 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.9	31.9	95.5
227	65.2	32.1	96.3





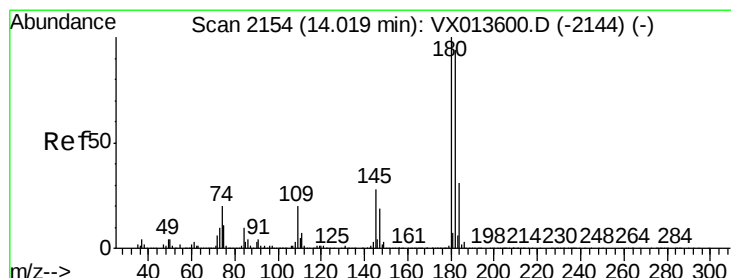
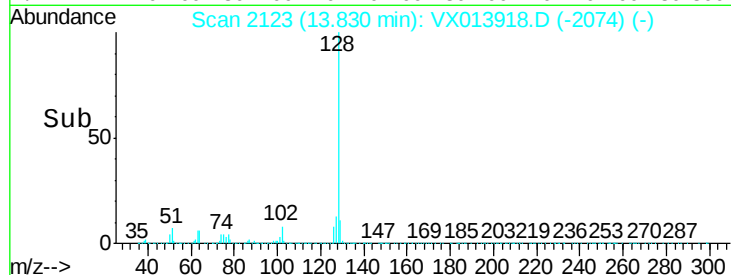
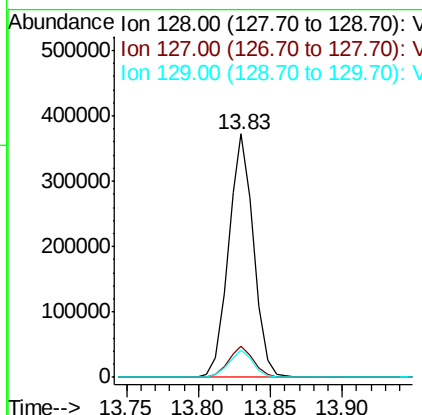
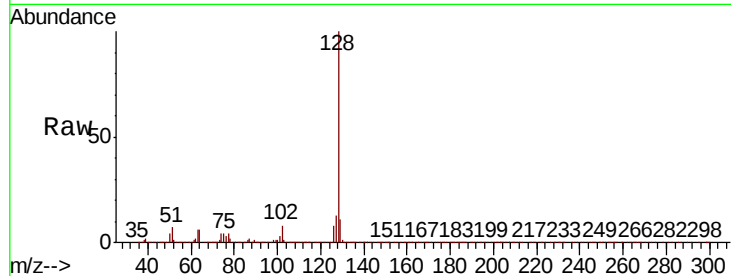
#95
Naphthalene
Concen: 17.386 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 2:14:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.974 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013918.D
Acq: 10 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.6	142.8
145	31.1	15.0	45.0

