

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014892.D
 Acq On : 10 Feb 2020 16:53
 Operator : JC/SP
 Sample : VX0210MBSD01
 Misc : 5.0µ/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Quant Time: Feb 11 06:46:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	440405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	650111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	241917	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	195245	48.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	757357	49.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	273848	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	83380	19.992	ug/l	98
3) Chloromethane	1.32	50	95518	20.201	ug/l	99
4) Vinyl Chloride	1.40	62	98887	19.413	ug/l	100
5) Bromomethane	1.64	94	64948	19.698	ug/l	99
6) Chloroethane	1.72	64	62041	19.035	ug/l	96
7) Trichlorofluoromethane	1.93	101	136945	19.242	ug/l	100
8) Diethyl Ether	2.18	74	57793	19.583	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75673	18.318	ug/l	99
10) Methyl Iodide	2.51	142	73313	18.897	ug/l	97
11) Tert butyl alcohol	3.02	59	86747	98.848	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77587	19.220	ug/l	97
13) Acrolein	2.28	56	58872	88.019	ug/l	98
14) Allyl chloride	2.72	41	129150	18.045	ug/l	98
15) Acrylonitrile	3.13	53	215042	96.660	ug/l	100
16) Acetone	2.43	43	194649	64.810	ug/l	99
17) Carbon Disulfide	2.56	76	210061	18.624	ug/l	99
18) Methyl Acetate	2.76	43	94842	18.946	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	252776	19.241	ug/l	97
20) Methylene Chloride	2.85	84	90526	18.933	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	83473	18.740	ug/l	96
22) Diisopropyl ether	3.84	45	265506	19.424	ug/l	99
23) Vinyl Acetate	3.81	43	1133095	100.556	ug/l	98
24) 1,1-Dichloroethane	3.69	63	149400	19.366	ug/l	98
25) 2-Butanone	4.65	43	293730	86.805	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116605	17.539	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92913	18.661	ug/l	98
28) Bromochloromethane	5.00	49	58784	19.658	ug/l	96
29) Tetrahydrofuran	5.12	42	187241	97.340	ug/l	99
30) Chloroform	5.20	83	147498	19.270	ug/l	98
31) Cyclohexane	5.58	56	129879	18.484	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127119	18.986	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110342	18.974	ug/l	97
37) Ethyl Acetate	4.82	43	116181	19.155	ug/l	100
38) Carbon Tetrachloride	5.78	117	108564	19.156	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133188	18.313	ug/l	99
40) Benzene	6.14	78	337301	19.412	ug/l	98
41) Methacrylonitrile	5.03	41	63938	19.568	ug/l	98
42) 1,2-Dichloroethane	6.19	62	119585	19.042	ug/l	99
43) Isopropyl Acetate	6.44	43	193010	19.290	ug/l	99
44) Trichloroethene	7.21	130	95629	18.959	ug/l	97
45) 1,2-Dichloropropane	7.51	63	84732	19.121	ug/l	96
46) Dibromomethane	7.65	93	56732	18.729	ug/l	99
47) Bromodichloromethane	7.89	83	110876	18.461	ug/l	96
48) Methyl methacrylate	7.76	41	94629	19.217	ug/l	99
49) 1,4-Dioxane	7.73	88	36984	401.713	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	596367	98.709	ug/l	100
52) Toluene	8.78	92	214644	19.450	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	123650	18.786	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	136715	18.802	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	85969	19.254	ug/l	94
56) Ethyl methacrylate	9.17	69	130493	19.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145241	19.324	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	322420	91.863	ug/l	99
59) 2-Hexanone	9.48	43	451819	95.143	ug/l	100
60) Dibromochloromethane	9.57	129	91479	19.038	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92055	19.108	ug/l	98
64) Tetrachloroethene	9.33	164	95989	16.742	ug/l	98
65) Chlorobenzene	10.14	112	234609	18.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86073	19.062	ug/l	98
67) Ethyl Benzene	10.25	91	402251	19.016	ug/l	100
68) m/p-Xylenes	10.36	106	308114	37.811	ug/l	99
69) o-Xylene	10.70	106	151641	19.359	ug/l	97
70) Styrene	10.71	104	251585	18.985	ug/l	99
71) Bromoform	10.85	173	68841	18.265	ug/l #	100
73) Isopropylbenzene	11.01	105	395492	19.483	ug/l	99
74) N-amyl acetate	10.89	43	163331	19.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128915	19.427	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145124	24.792	ug/l	91
77) Bromobenzene	11.25	156	107422	18.959	ug/l	99
78) n-propylbenzene	11.35	91	453243	19.304	ug/l	100
79) 2-Chlorotoluene	11.42	91	266161	19.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	332435	19.599	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40148	17.556	ug/l	93
82) 4-Chlorotoluene	11.51	91	311381	19.050	ug/l	100
83) tert-Butylbenzene	11.76	119	314845	19.602	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	337748	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	383042	19.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	358518	19.201	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189560	18.649	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	190042	18.309	ug/l	99
89) n-Butylbenzene	12.39	91	307501	18.388	ug/l	99
90) Hexachloroethane	12.59	117	60663	18.604	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190469	19.108	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27632	17.749	ug/l	98

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Instrument :
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ClientSampleId :
VX0210MBSD01

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

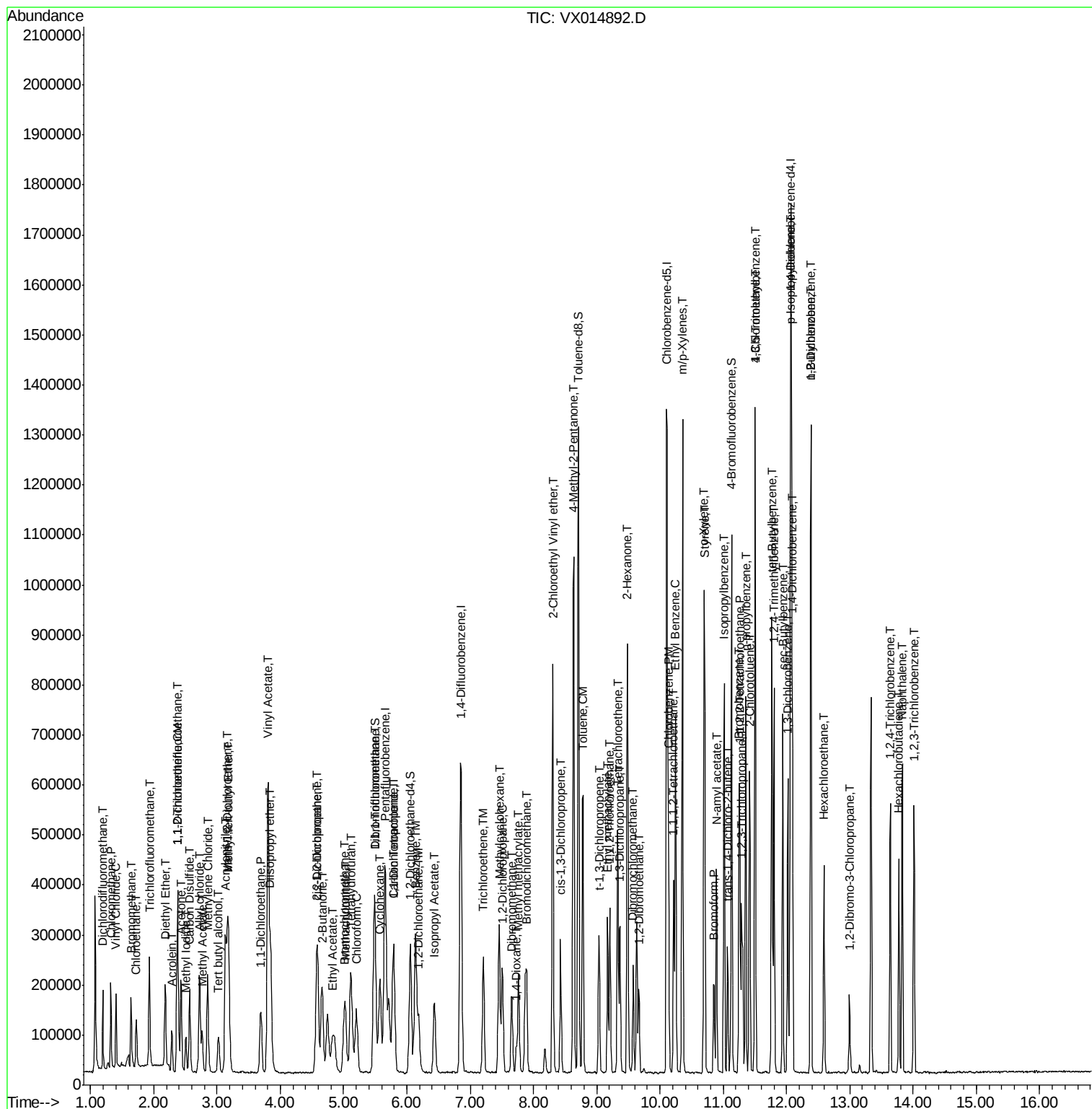
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136136	18.503	ug/l	99
94) Hexachlorobutadiene	13.78	225	64938	18.248	ug/l	98
95) Naphthalene	13.83	128	389047	19.888	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134920	18.981	ug/l	99

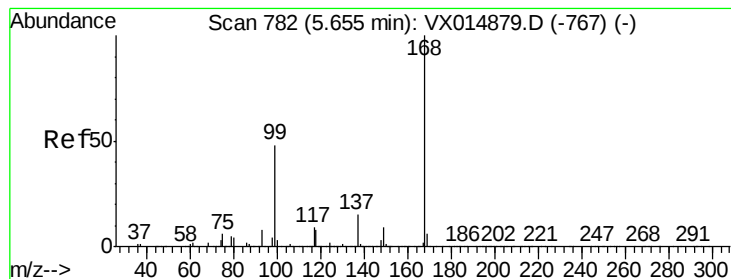
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014892.D
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 783

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

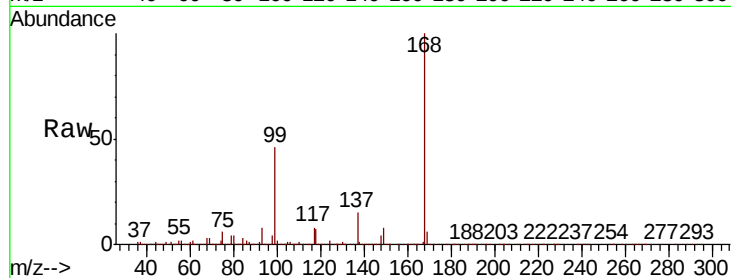
VX0210MBSD01

Tot Ion:168 Resp: 440405

Ion Ratio Lower Upper

168 100

99 45.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

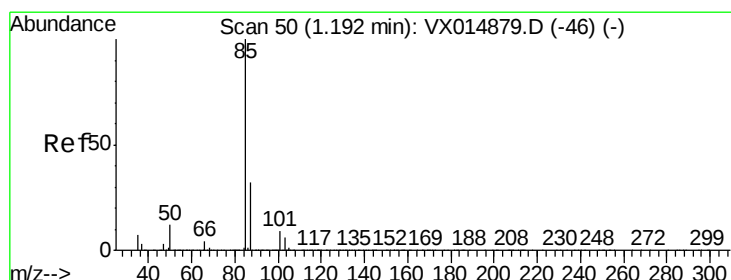
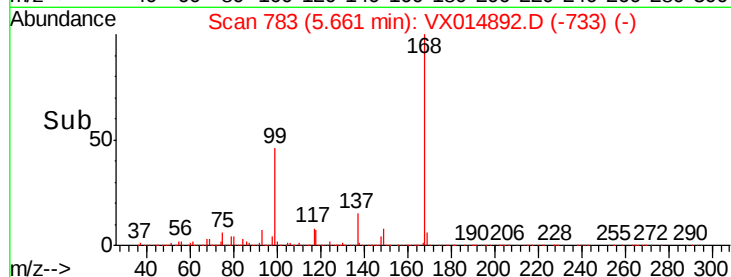
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.992 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014892.D

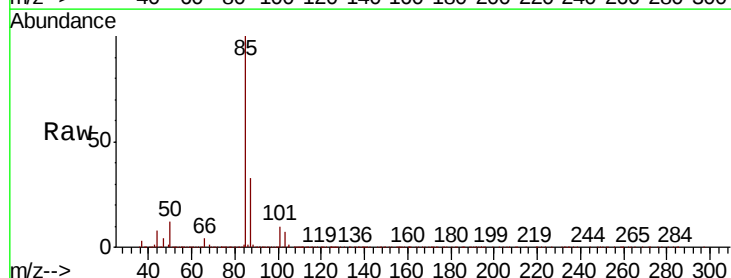
Acq: 10 Feb 2020 16:53

Tgt Ion: 85 Resp: 83380

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

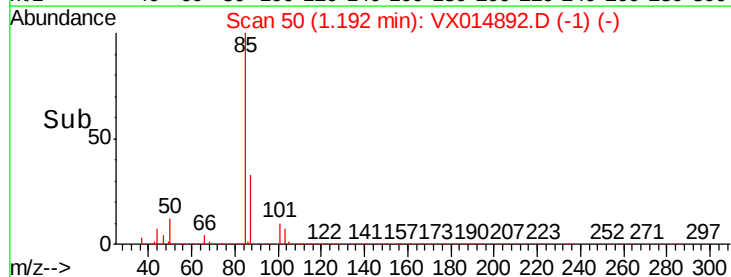
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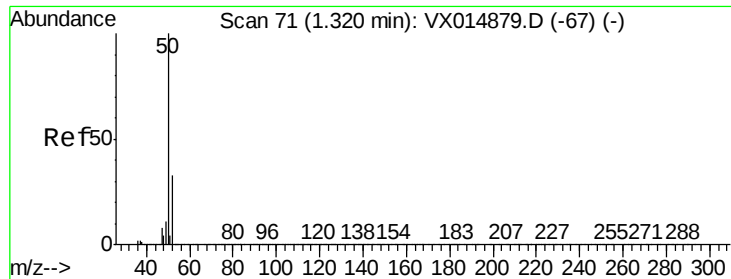
40000

20000

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Time-->





#3

Chloromethane

Concen: 20.201 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

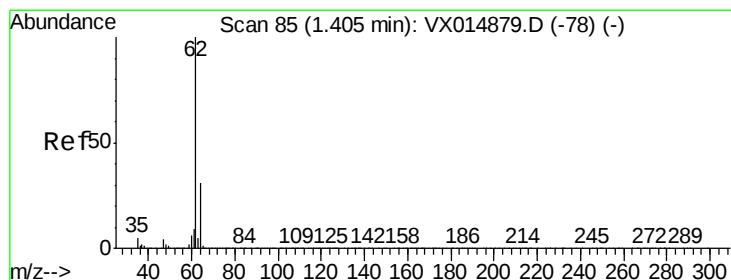
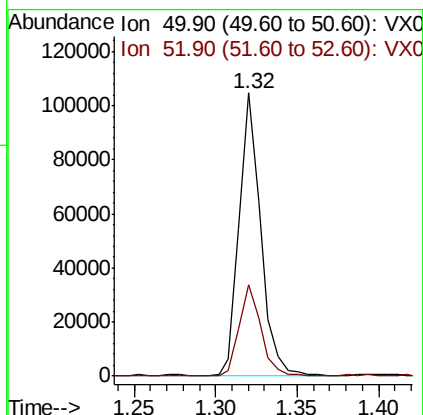
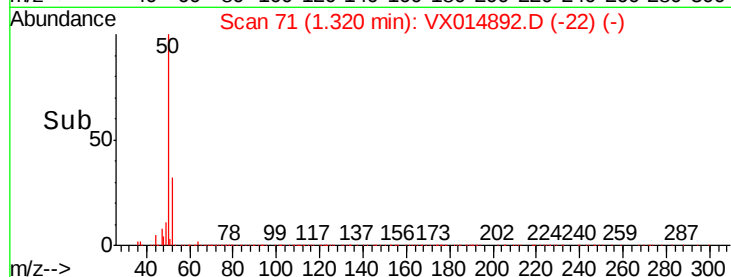
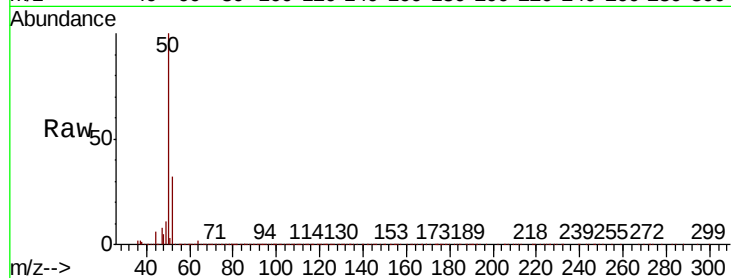
VX0210MBSD01

Tot Ion: 50 Resp: 95518

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 19.413 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014892.D

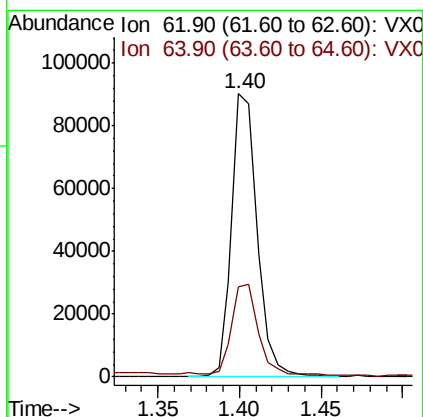
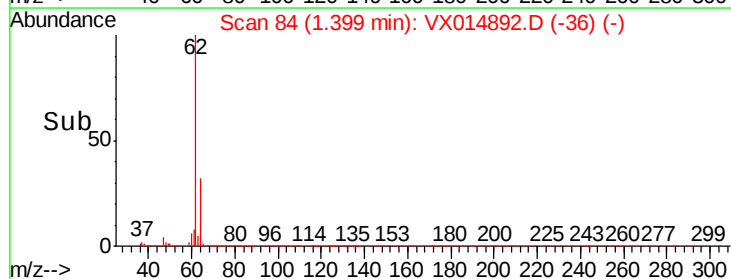
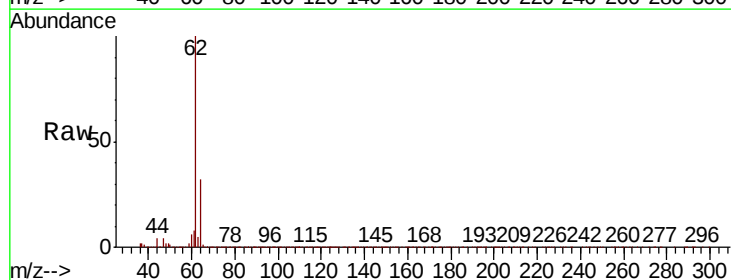
Acq: 10 Feb 2020 16:53

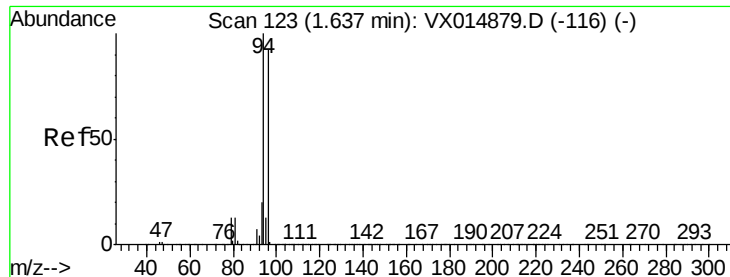
Tgt Ion: 62 Resp: 98887

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 19.698 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

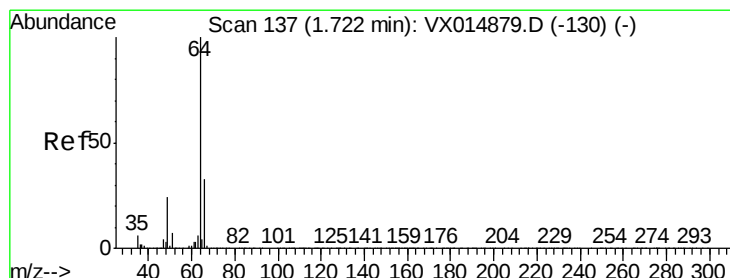
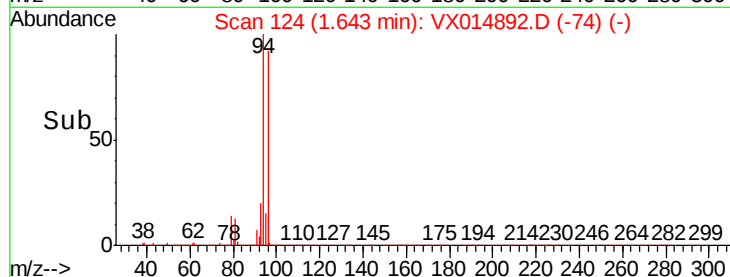
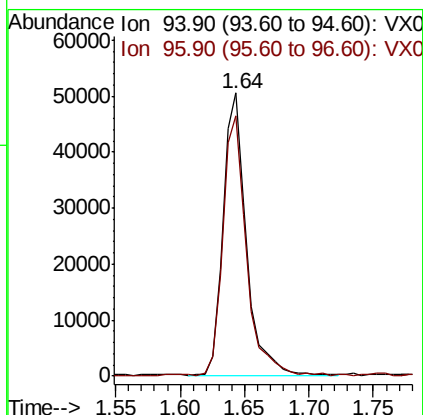
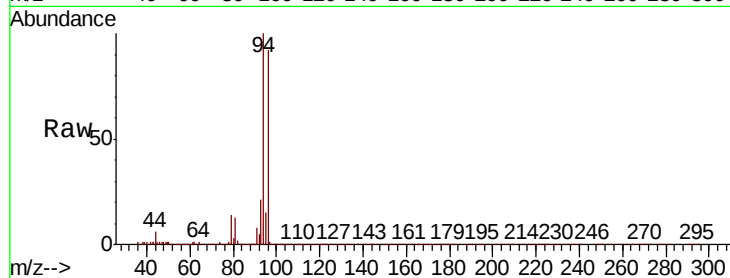
VX0210MBSD01

Tot Ion: 94 Resp: 64948

Ion Ratio Lower Upper

94 100

96 91.3 73.7 110.5



#6

Chloroethane

Concen: 19.035 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014892.D

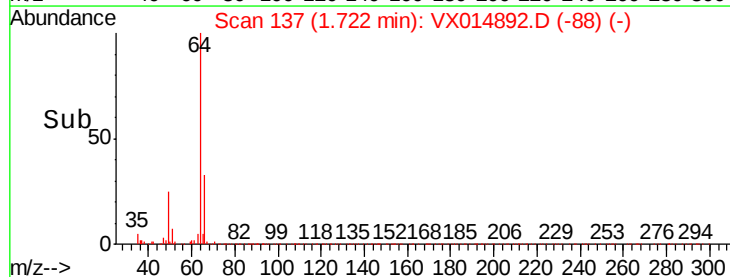
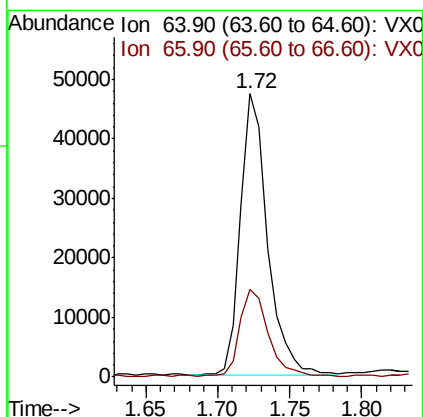
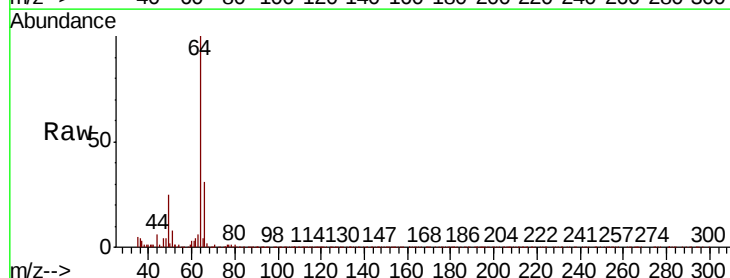
Acq: 10 Feb 2020 16:53

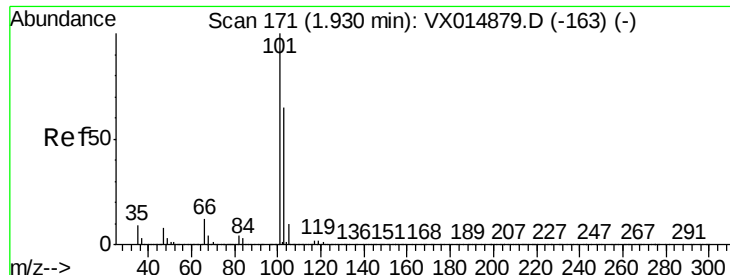
Tgt Ion: 64 Resp: 62041

Ion Ratio Lower Upper

64 100

66 30.7 26.2 39.4



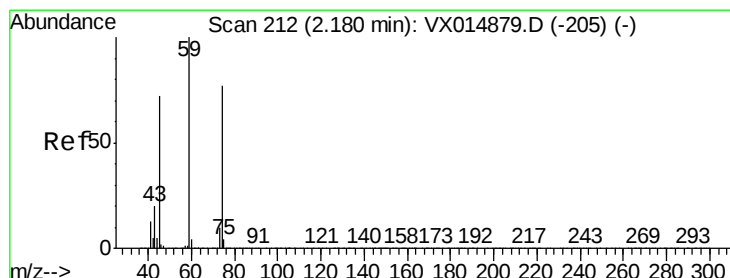
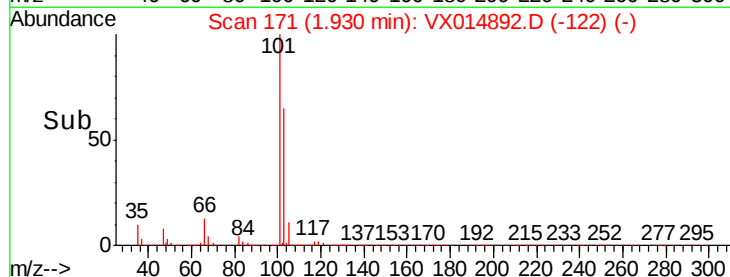
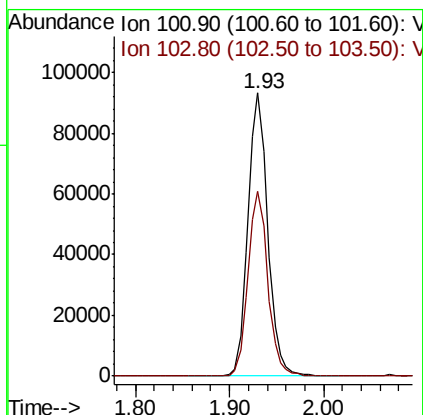
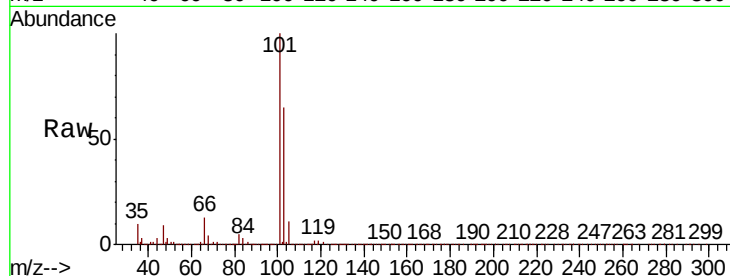


#7

Trichlorofluoromethane
 Concen: 19.242 ug/l
 RT: 1.93 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

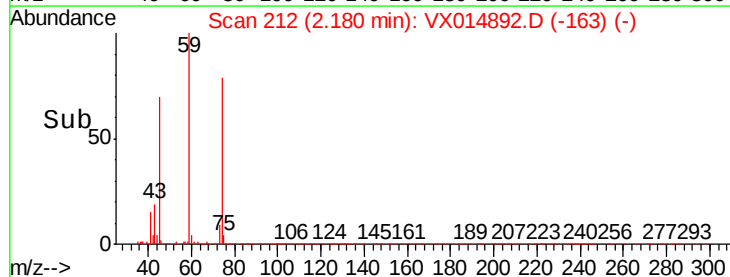
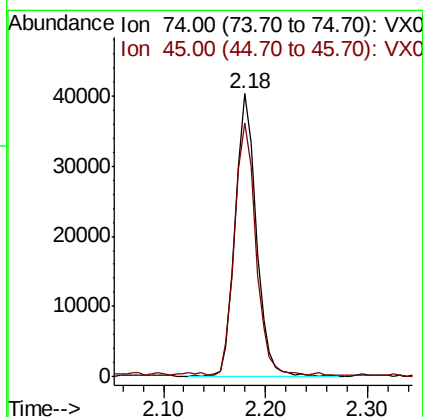
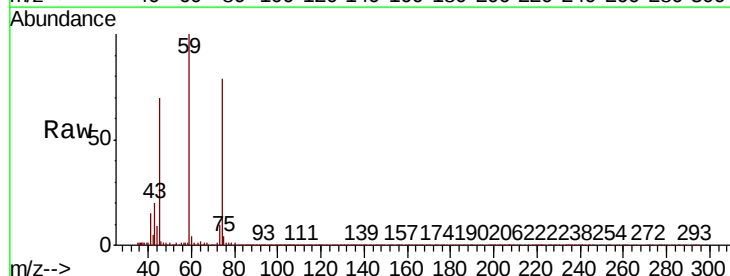
Tot Ion:101 Resp: 136945
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

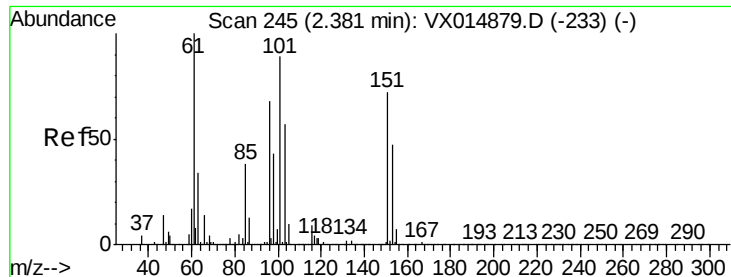


#8

Diethyl Ether
 Concen: 19.583 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion: 74 Resp: 57793
 Ion Ratio Lower Upper
 74 100
 45 88.4 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.318 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

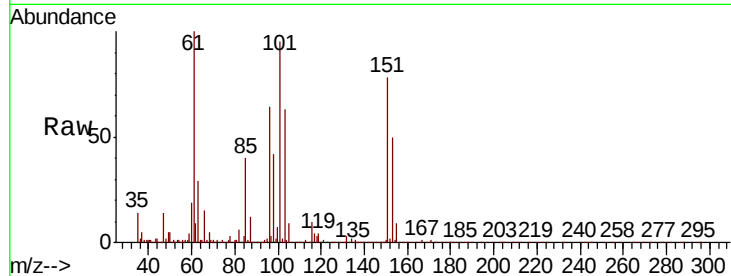
Tot Ion:101 Resp: 75673

Ion Ratio Lower Upper

101 100

85 42.8 34.1 51.1

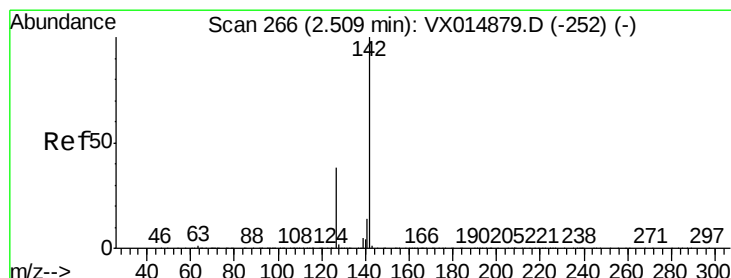
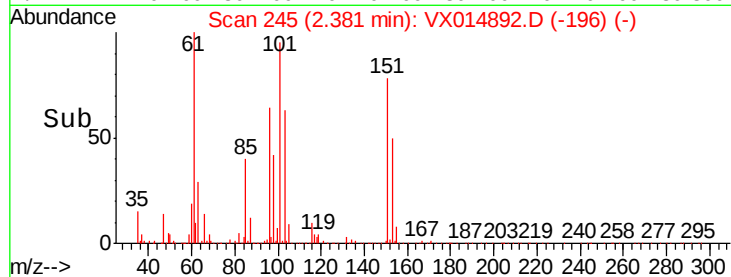
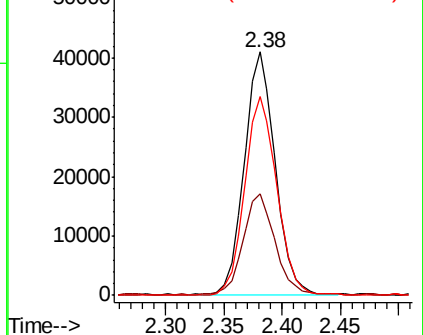
151 85.2 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.897 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

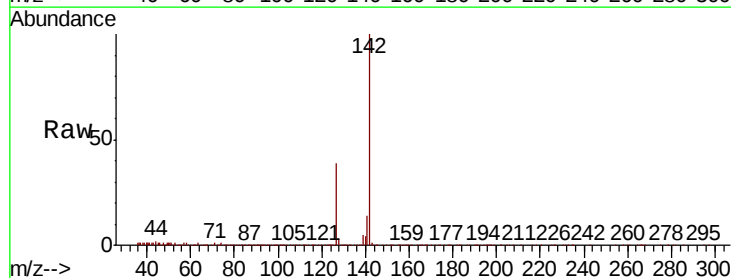
Tgt Ion:142 Resp: 73313

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

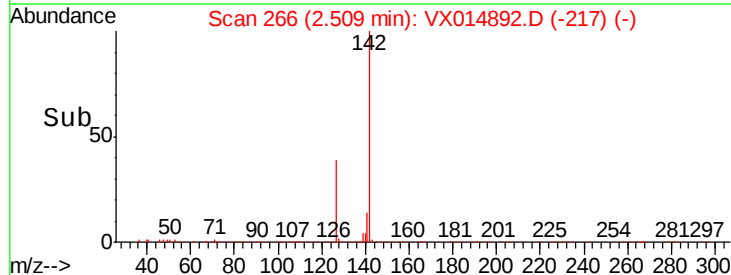
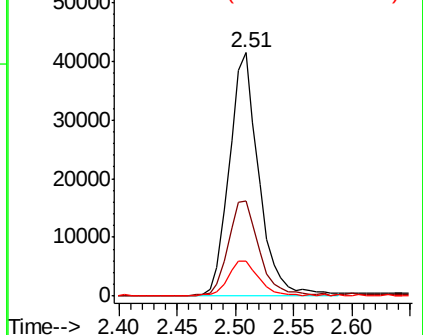
141 15.4 11.3 16.9

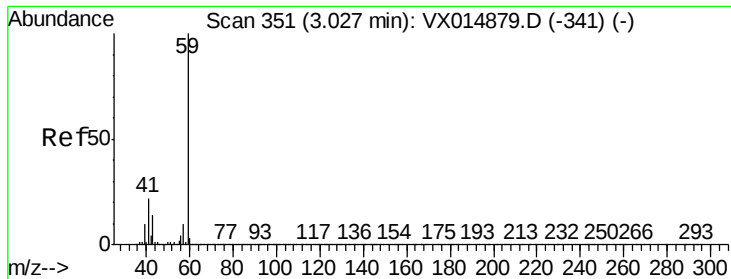


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



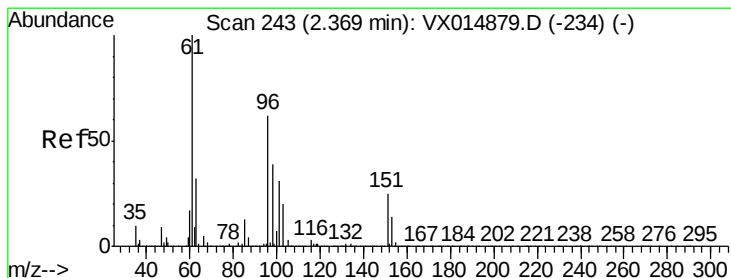
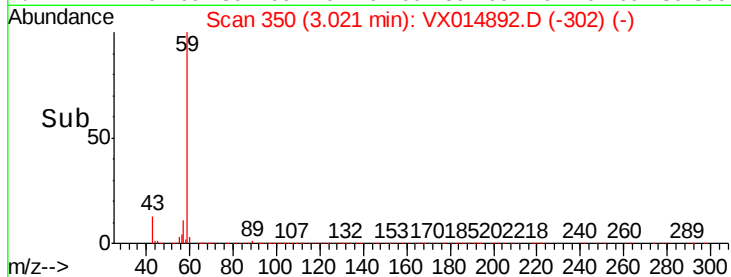
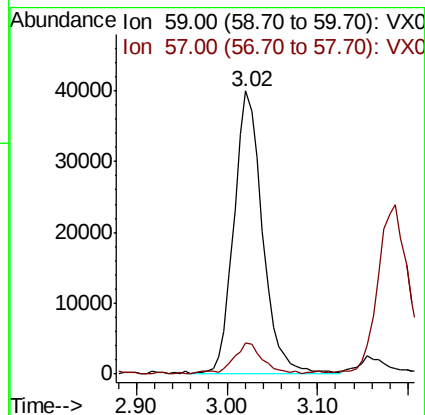
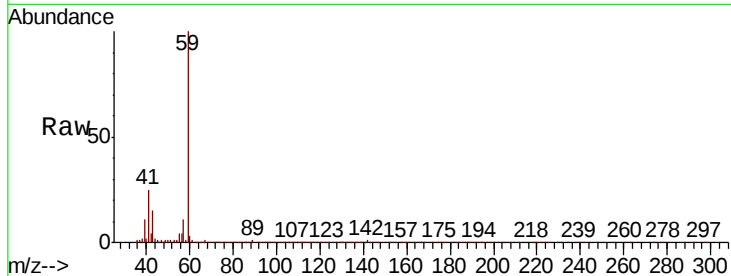


#11

Tert butyl alcohol
 Concen: 98.848 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

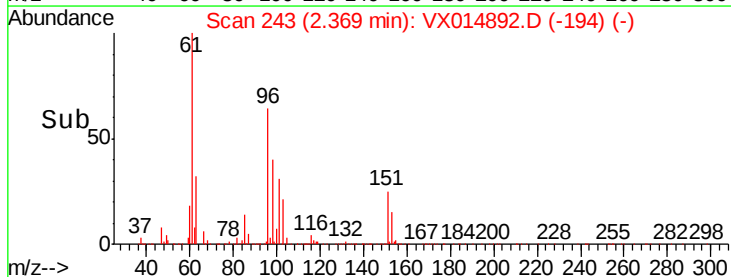
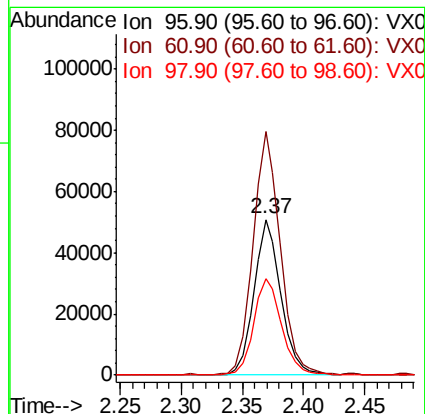
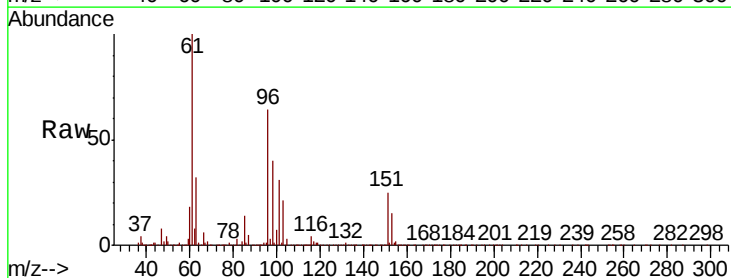
Tot Ion: 59 Resp: 86747
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

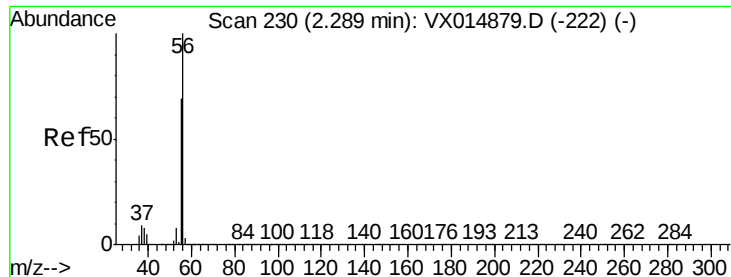


#12

1,1-Dichloroethene
 Concen: 19.220 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion: 96 Resp: 77587
 Ion Ratio Lower Upper
 96 100
 61 156.4 129.5 194.3
 98 62.2 50.6 76.0

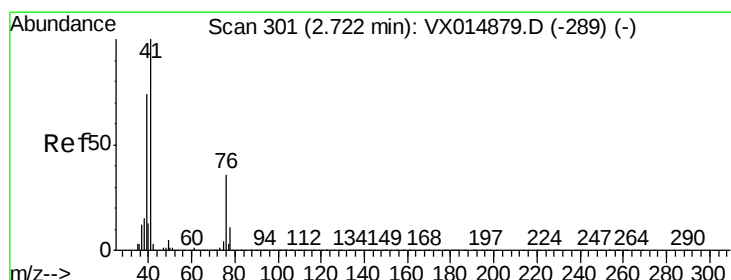
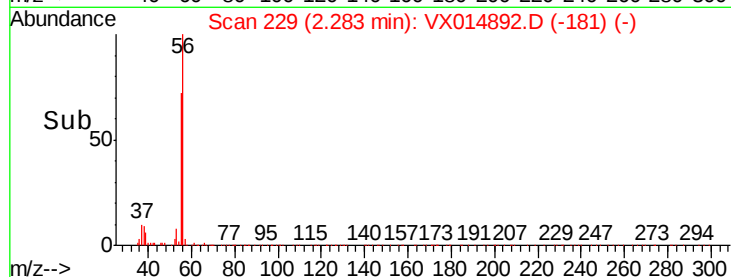
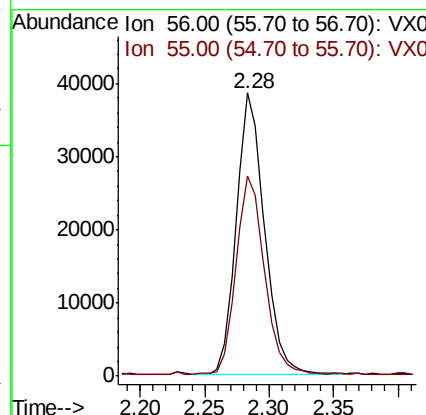
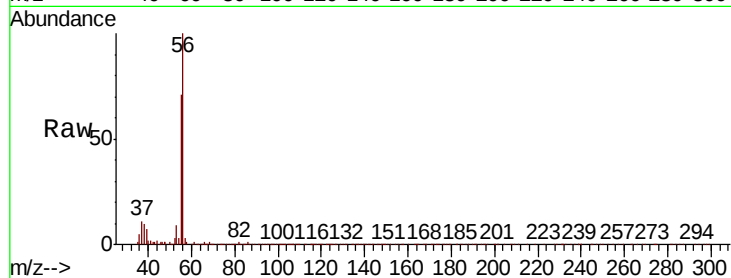




#13
Acrolein
Concen: 88.019 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

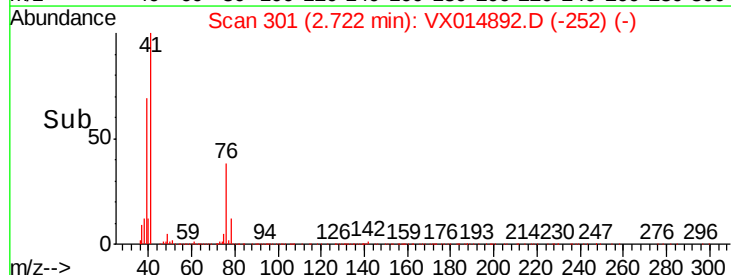
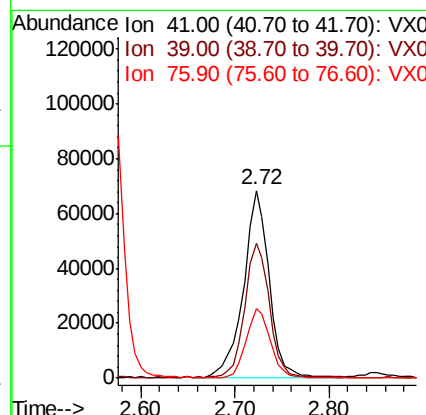
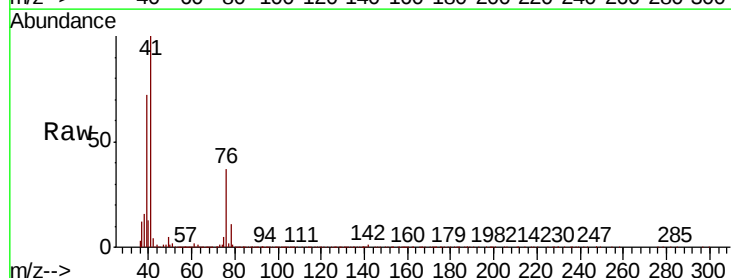
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

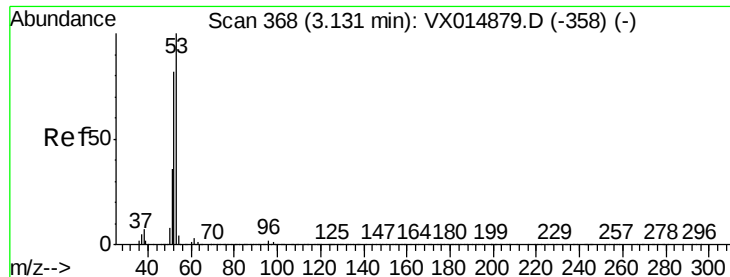
Tot Ion: 56 Resp: 58872
Ion Ratio Lower Upper
56 100
55 70.7 55.0 82.4



#14
Allyl chloride
Concen: 18.045 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 41 Resp: 129150
Ion Ratio Lower Upper
41 100
39 71.1 55.2 82.8
76 34.8 26.8 40.2





#15

Acrylonitrile

Concen: 96.660 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleID :

VX0210MBSD01

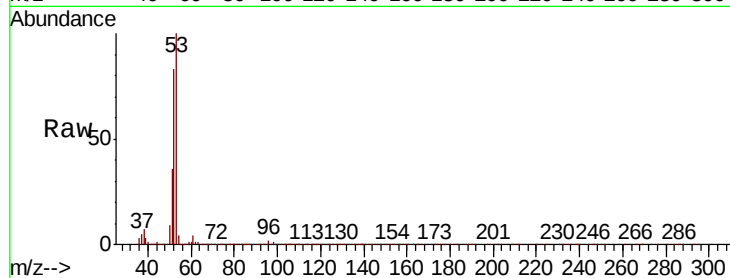
Tot Ion: 53 Resp: 215042

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

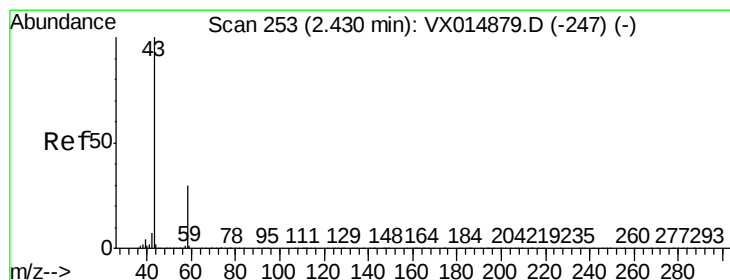
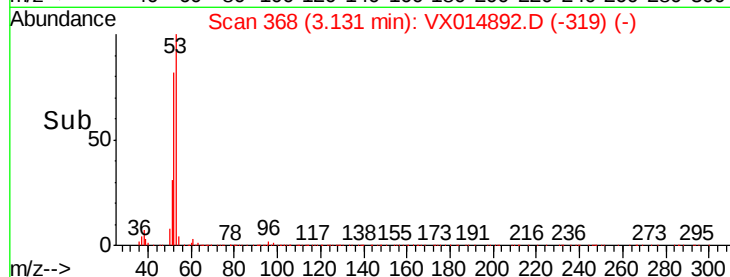
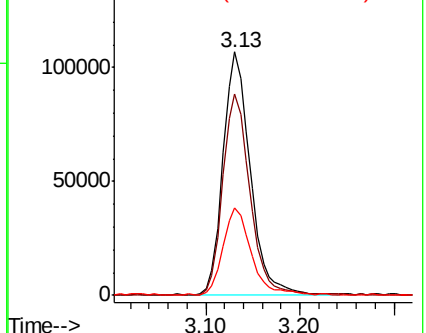
51 36.7 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 64.810 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014892.D

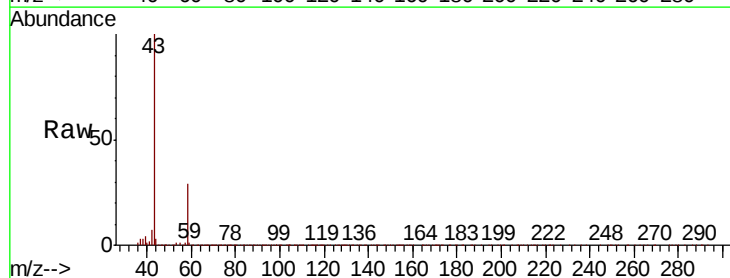
Acq: 10 Feb 2020 16:53

Tgt Ion: 43 Resp: 194649

Ion Ratio Lower Upper

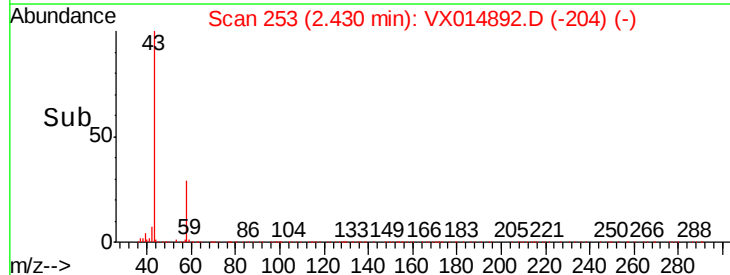
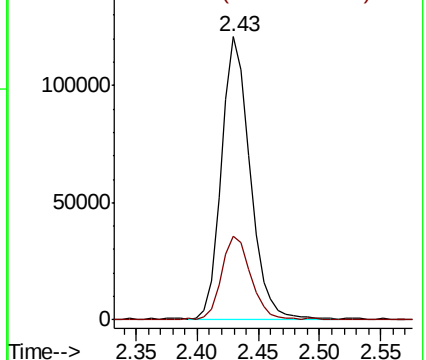
43 100

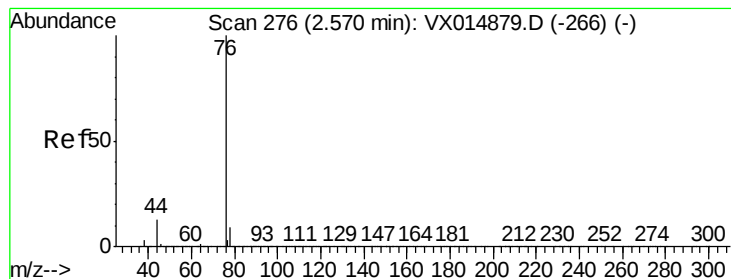
58 29.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.624 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

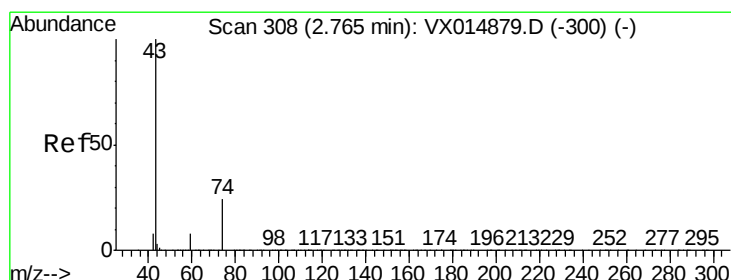
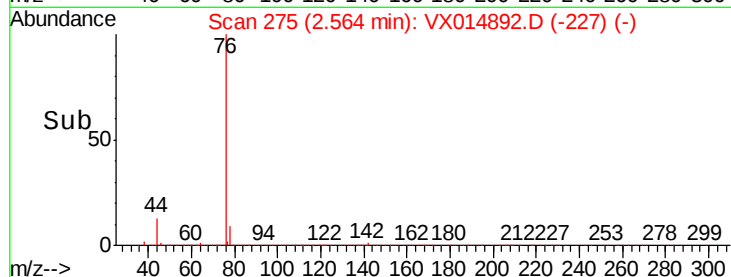
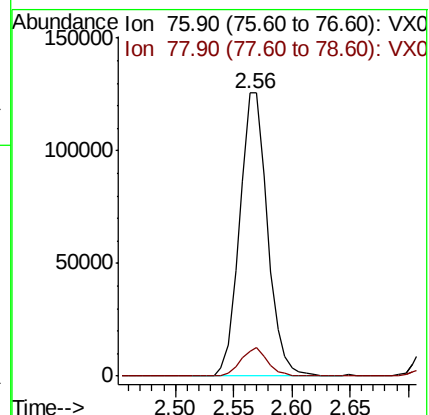
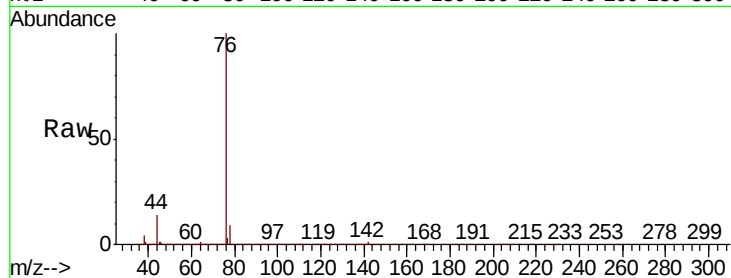
VX0210MBSD01

Tot Ion: 76 Resp: 210061

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 18.946 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014892.D

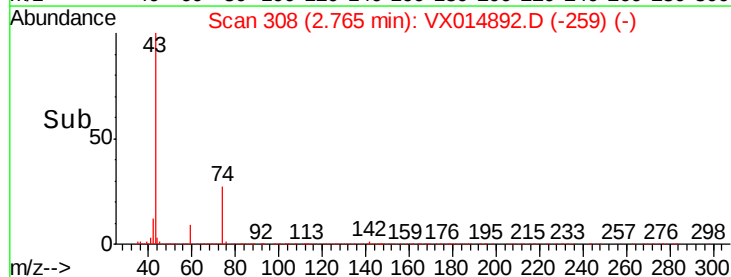
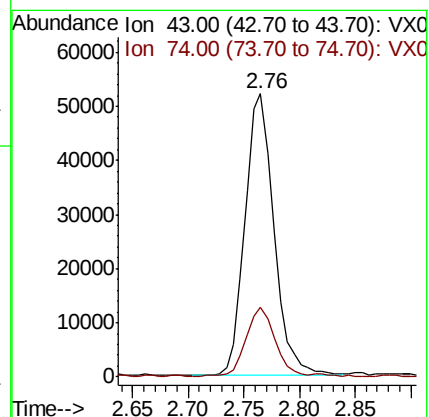
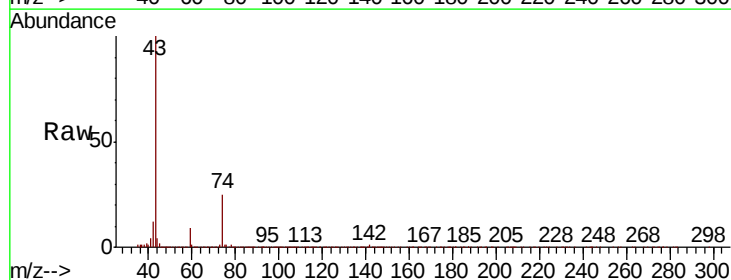
Acq: 10 Feb 2020 16:53

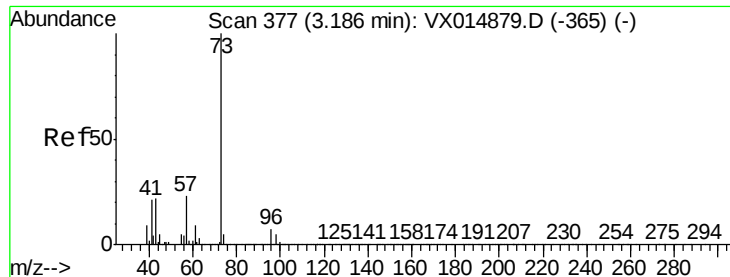
Tgt Ion: 43 Resp: 94842

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.0



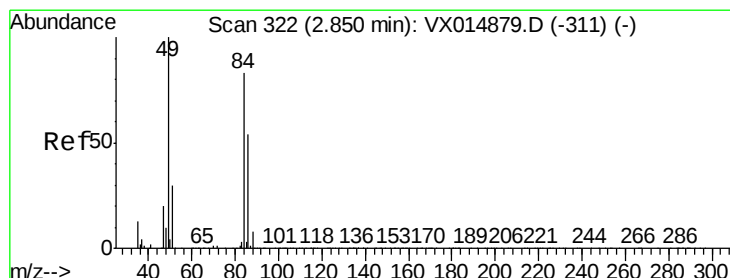
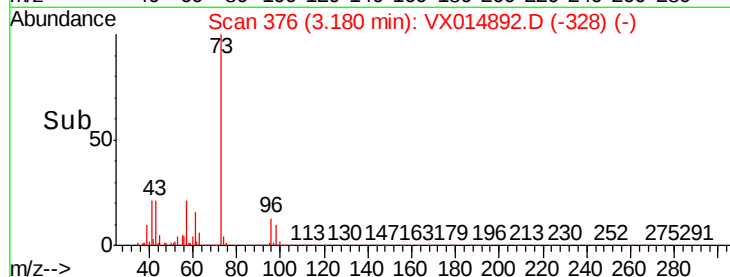
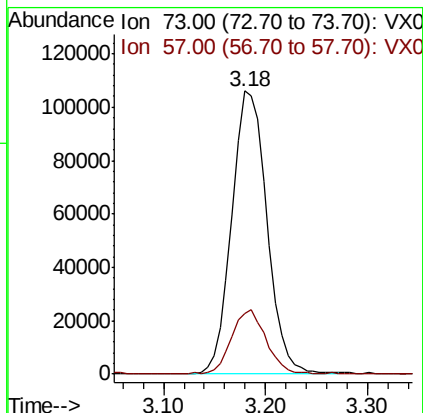
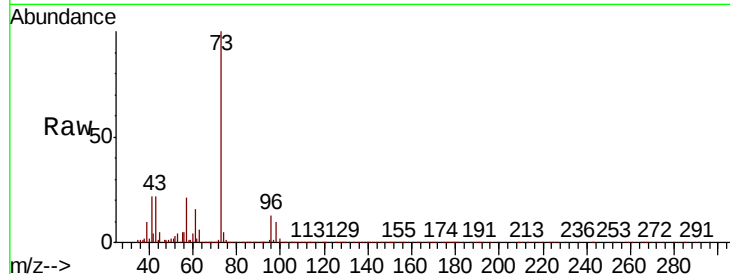


#19

Methyl tert-butyl Ether
 Concen: 19.241 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

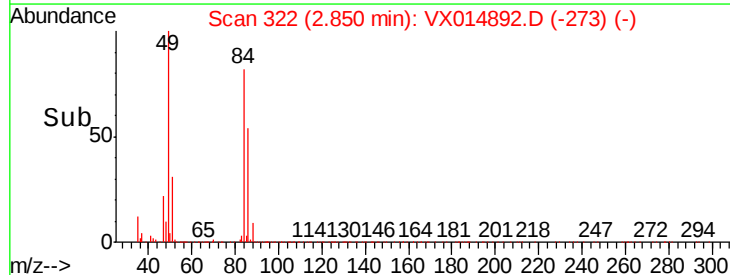
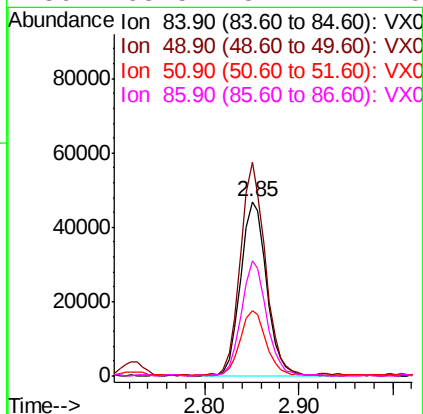
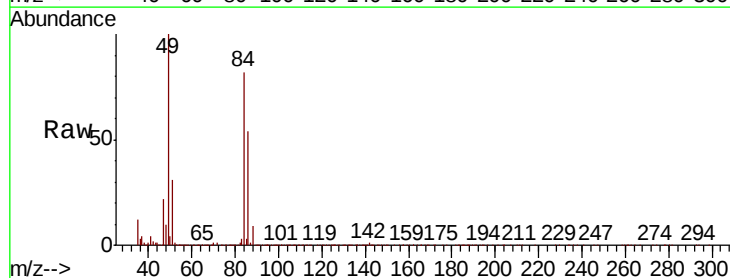
Tot Ion: 73 Resp: 252776
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.4

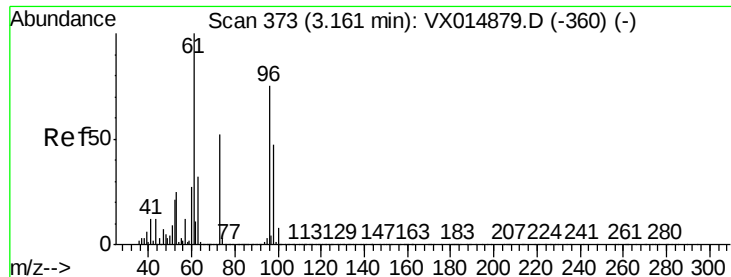


#20

Methylene Chloride
 Concen: 18.933 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion: 84 Resp: 90526
 Ion Ratio Lower Upper
 84 100
 49 121.9 95.6 143.4
 51 37.4 29.0 43.6
 86 65.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.740 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

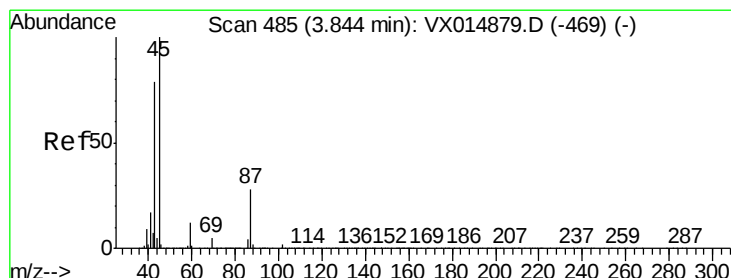
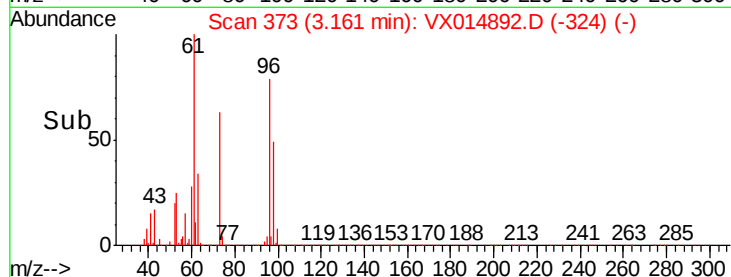
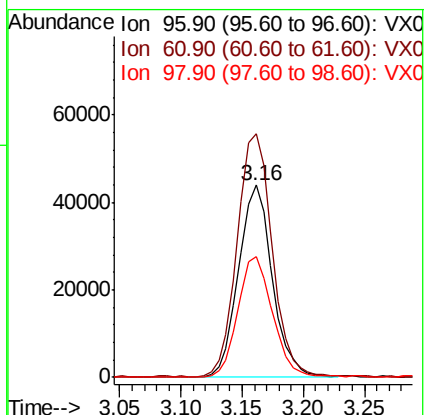
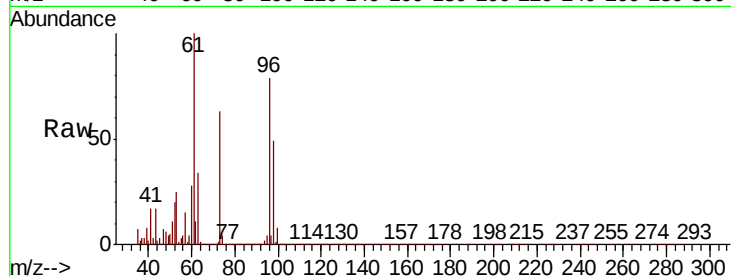
Tot Ion: 96 Resp: 83473

Ion Ratio Lower Upper

96 100

61 126.9 106.9 160.3

98 62.6 50.7 76.1



#22

Diisopropyl ether

Concen: 19.424 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion: 45 Resp: 265506

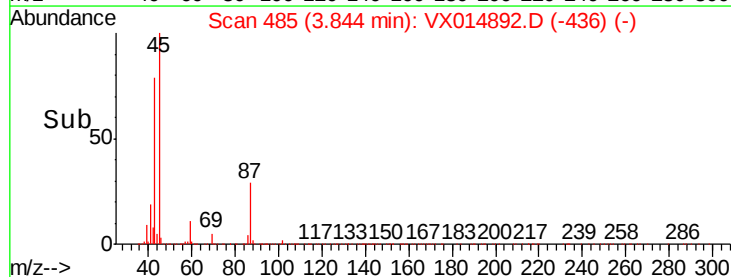
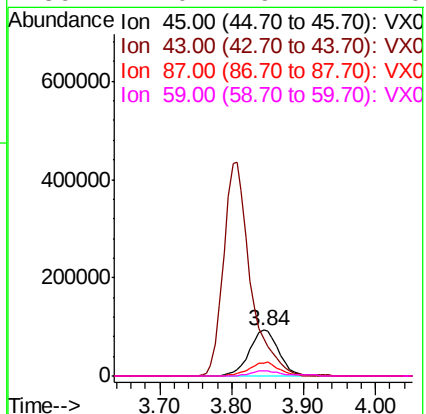
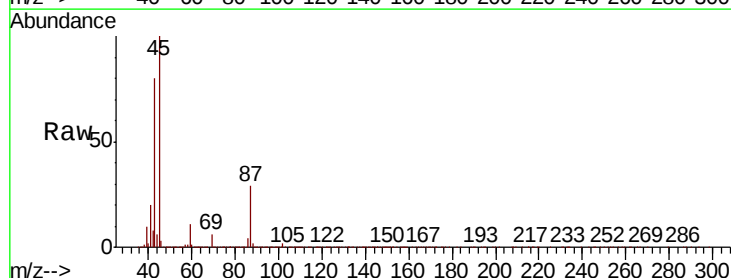
Ion Ratio Lower Upper

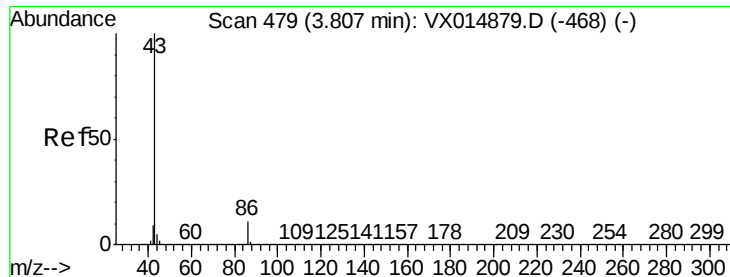
45 100

43 79.4 63.5 95.3

87 28.8 22.2 33.4

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 100.556 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

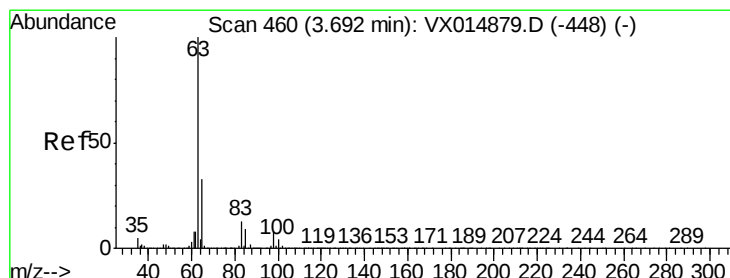
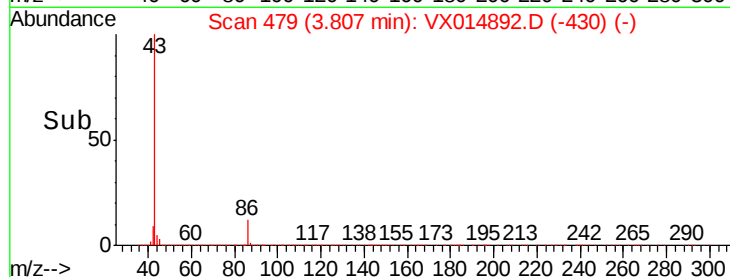
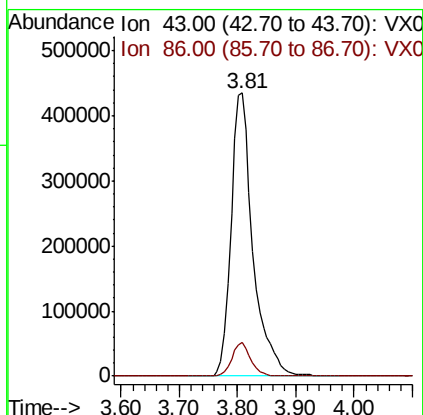
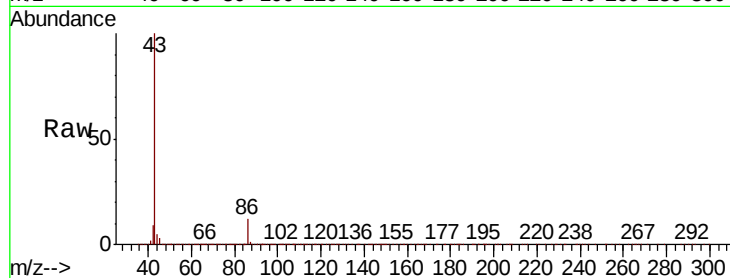
VX0210MBSD01

Tot Ion: 43 Resp: 1133095

Ion Ratio Lower Upper

43 100

86 11.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.366 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

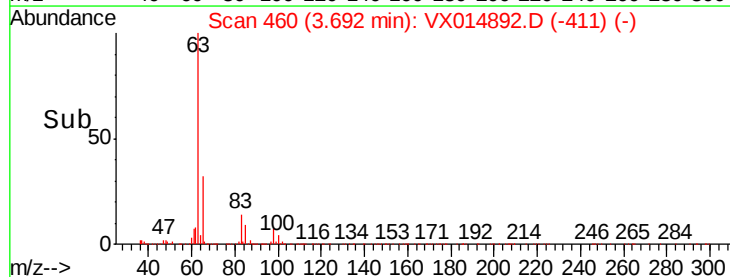
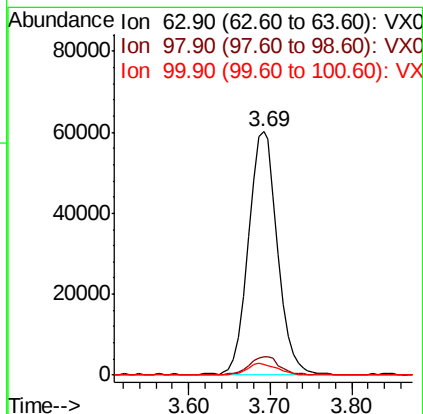
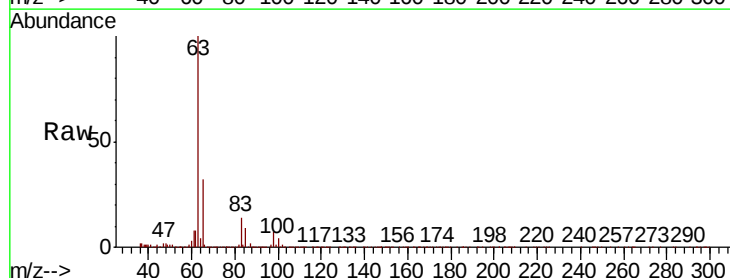
Tgt Ion: 63 Resp: 149400

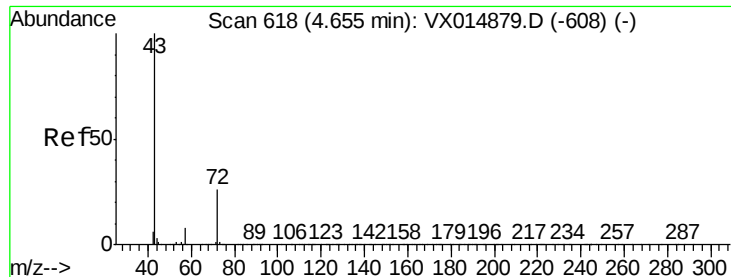
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 86.805 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

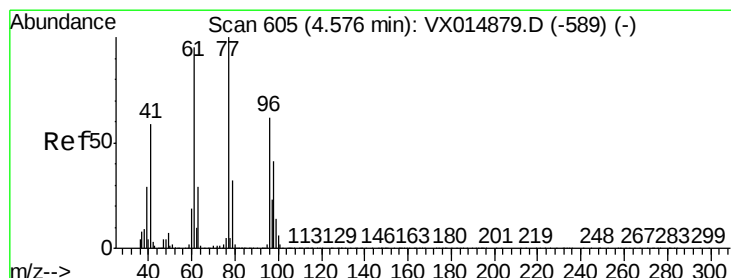
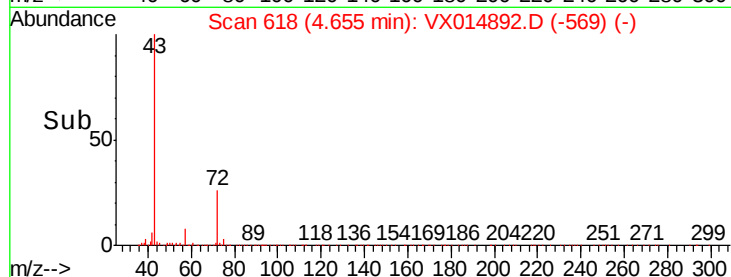
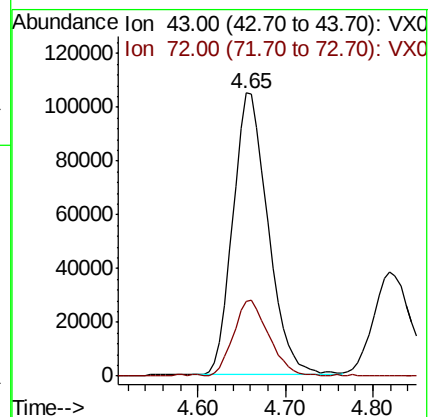
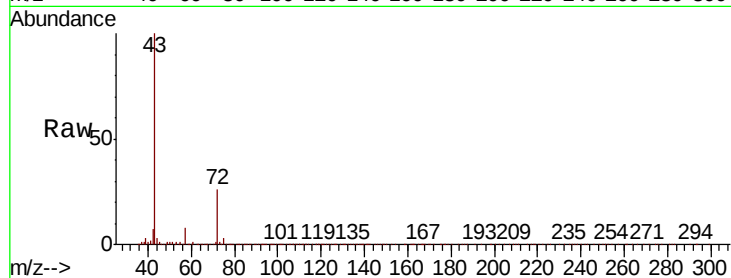
VX0210MBSD01

Tot Ion: 43 Resp: 293730

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.539 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014892.D

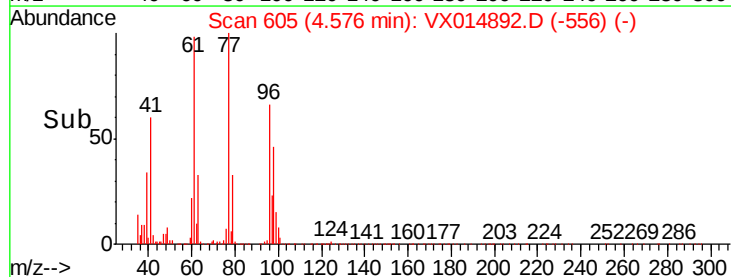
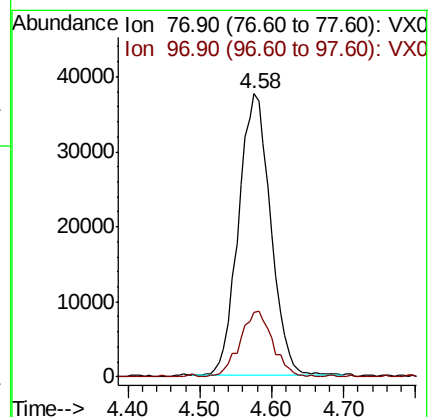
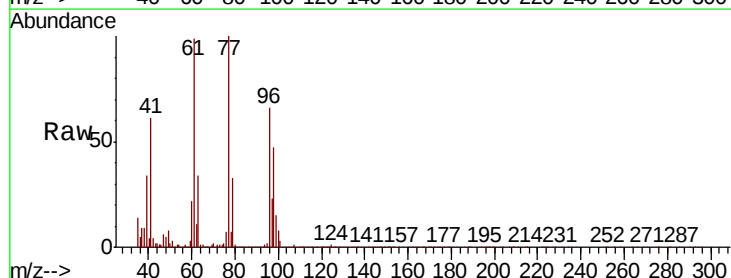
Acq: 10 Feb 2020 16:53

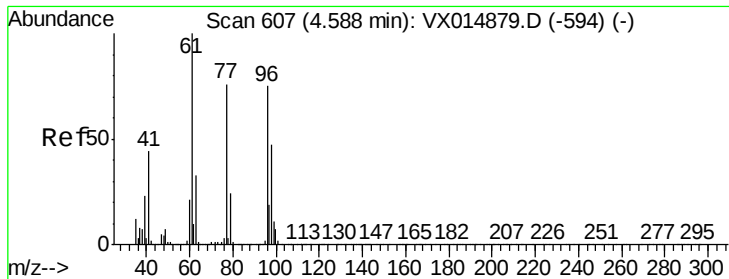
Tgt Ion: 77 Resp: 116605

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



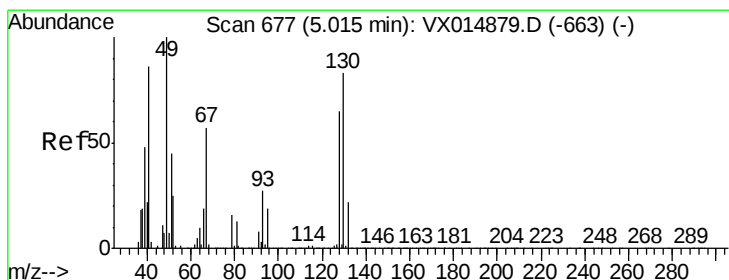
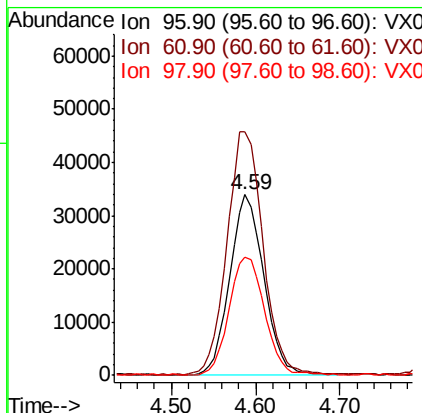
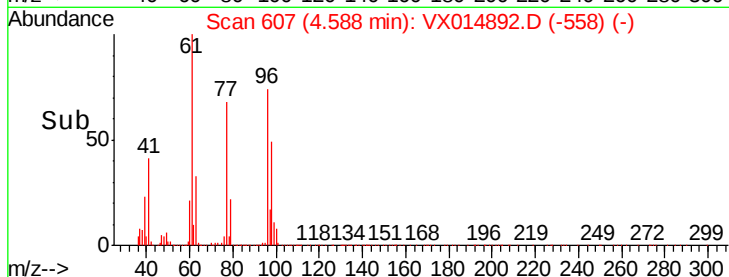
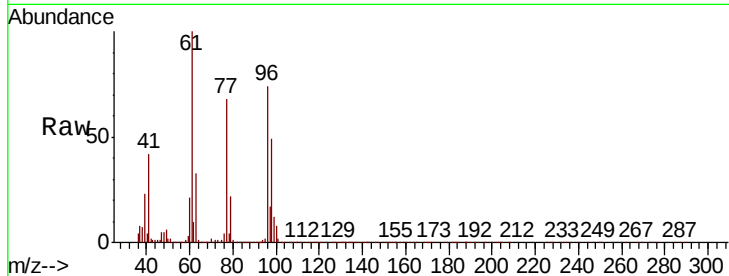


#27

cis-1,2-Dichloroethene
Concen: 18.661 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

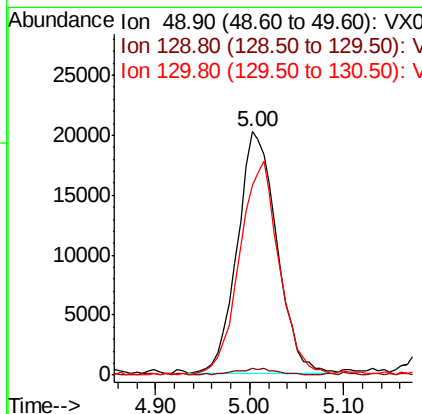
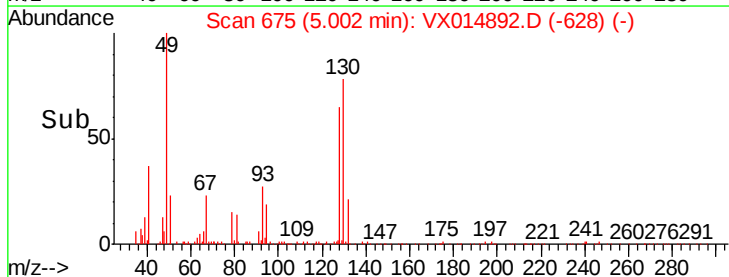
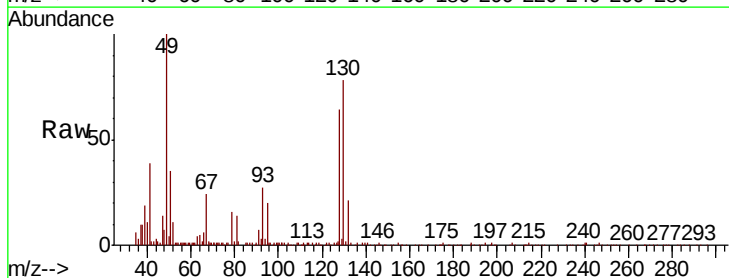
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	286.2
98	67.8	0.0	131.0

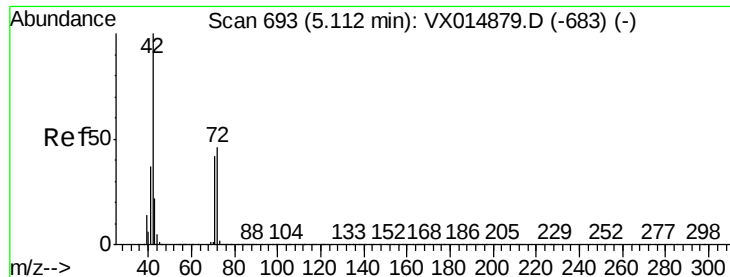


#28

Bromochloromethane
Concen: 19.658 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	88.3	67.4	101.2





#29

Tetrahydrofuran

Concen: 97.340 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

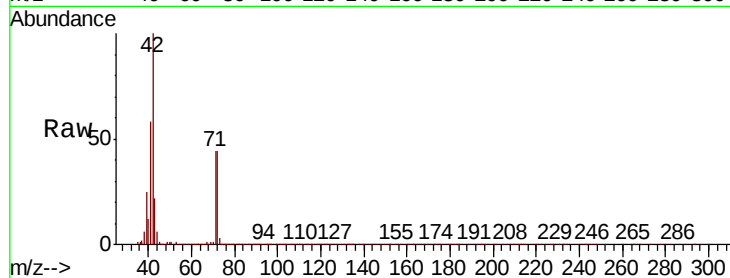
Tot Ion: 42 Resp: 187241

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

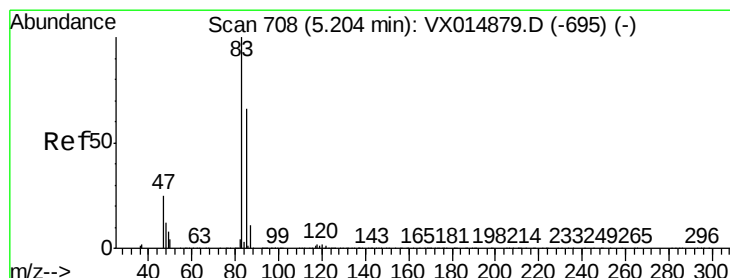
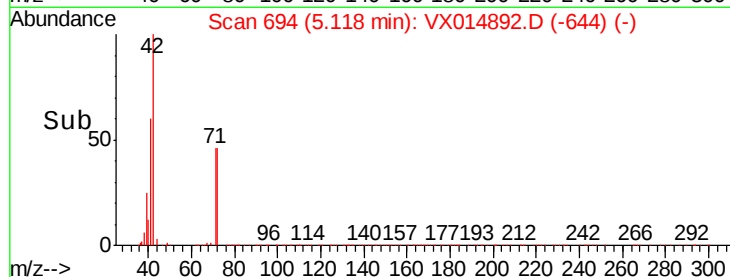
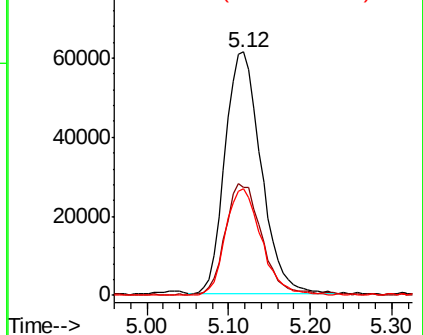
71 44.2 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.270 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014892.D

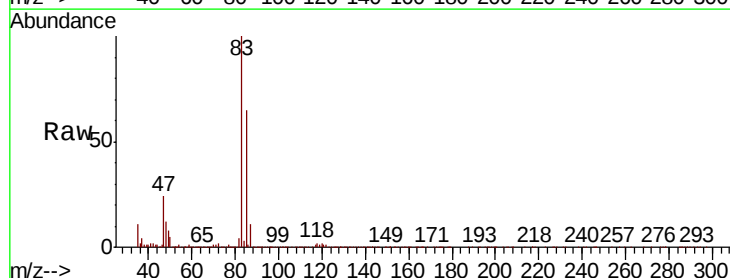
Acq: 10 Feb 2020 16:53

Tgt Ion: 83 Resp: 147498

Ion Ratio Lower Upper

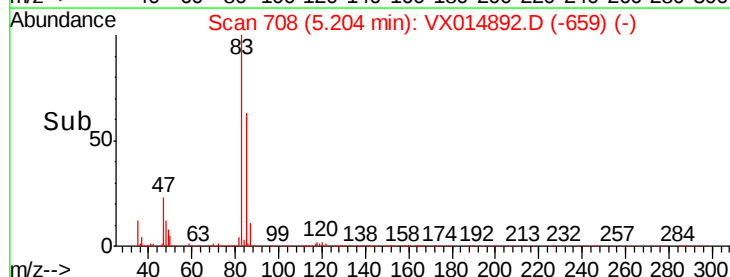
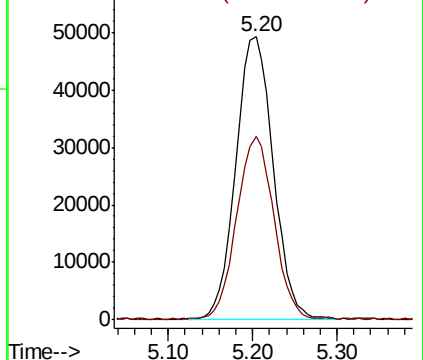
83 100

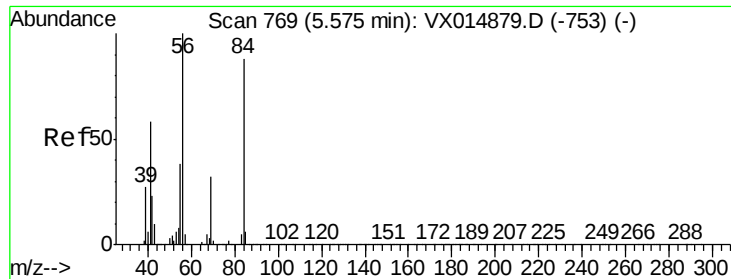
85 64.6 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

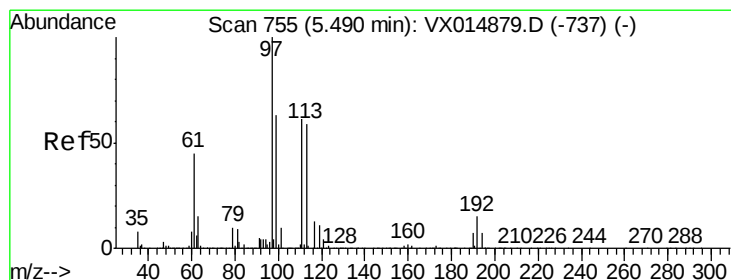
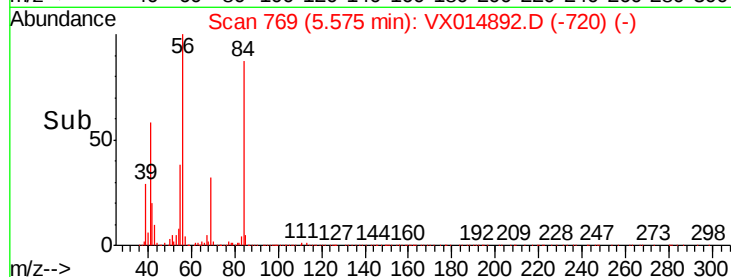
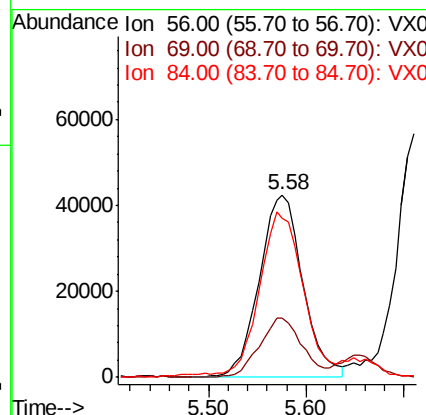
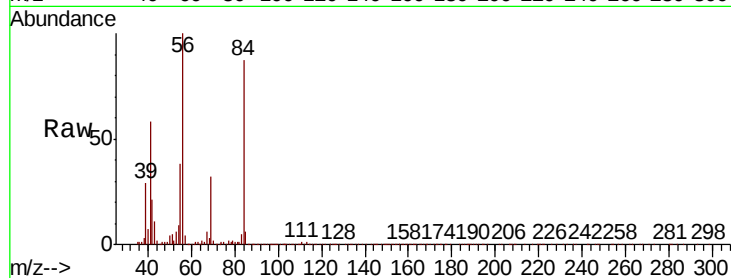




#31
Cyclohexane
Concen: 18.484 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

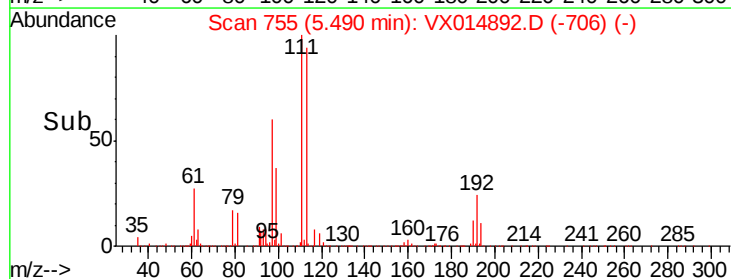
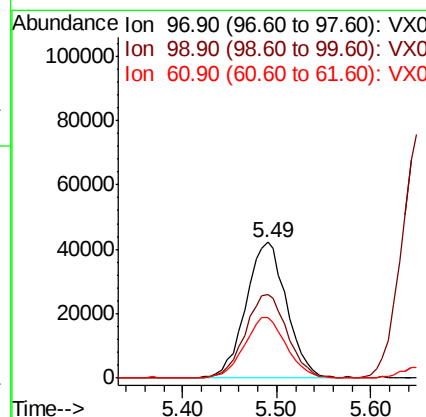
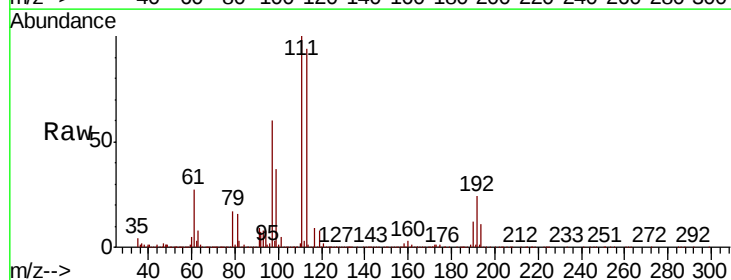
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

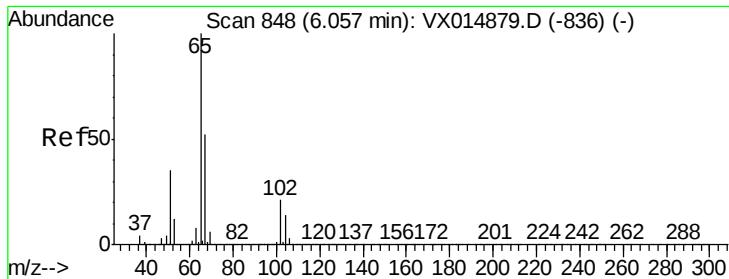
Tot Ion: 56 Resp: 129879
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 86.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.986 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 97 Resp: 127119
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.9 36.3 54.5

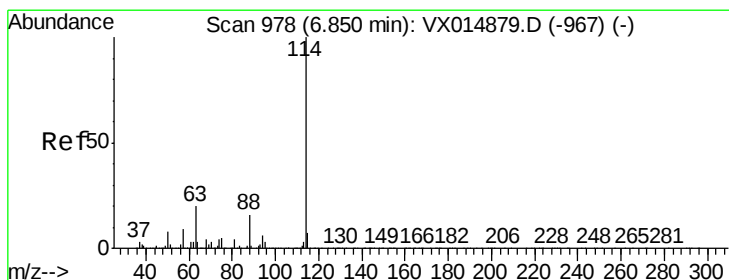
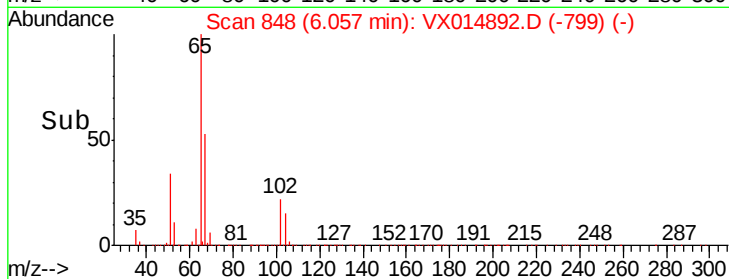
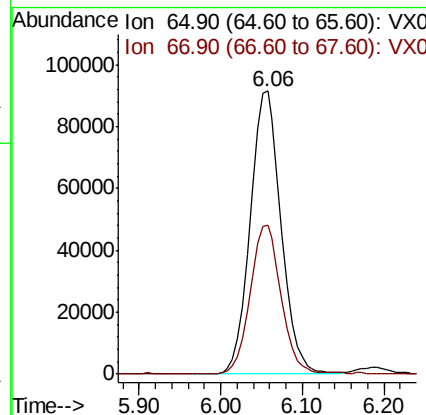
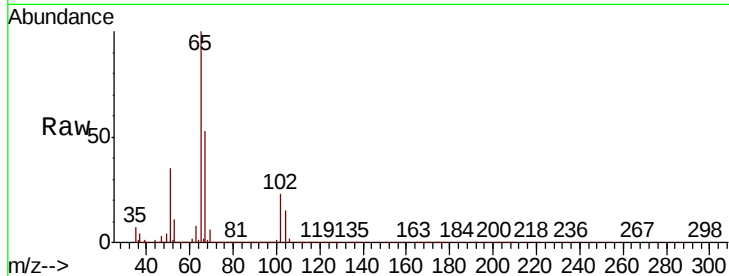




#33
 1,2-Dichloroethane-d4
 Concen: 48.672 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

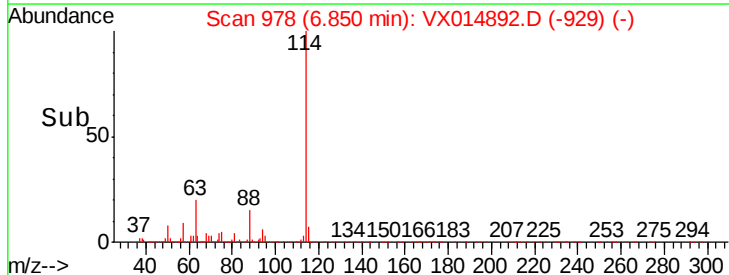
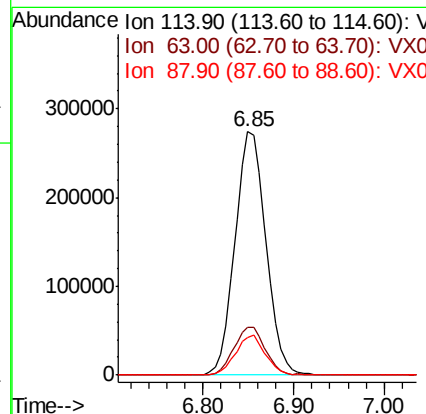
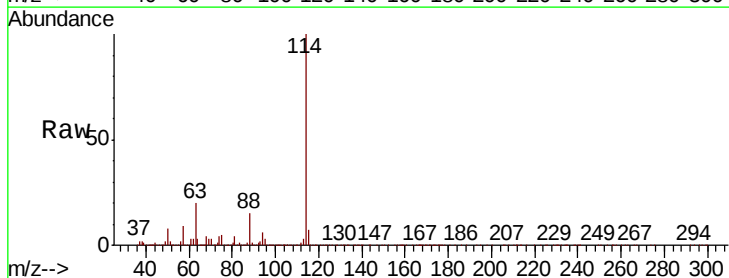
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

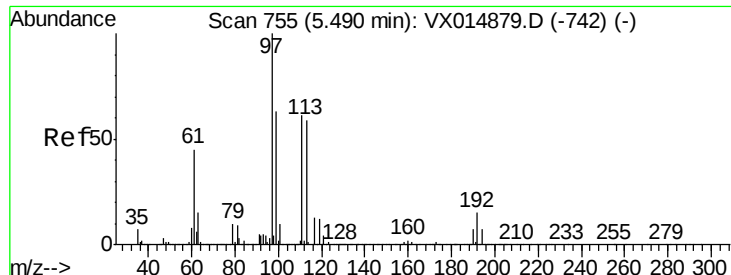
Tot Ion: 65 Resp: 241917
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion: 114 Resp: 650111
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 32.0

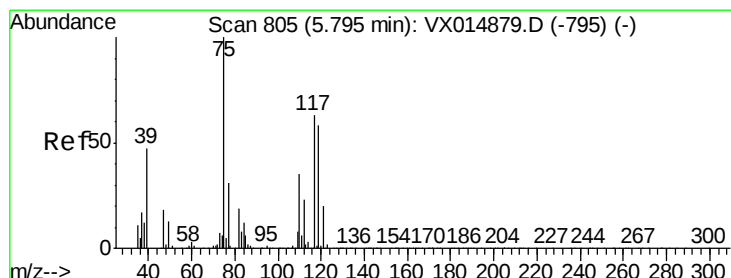
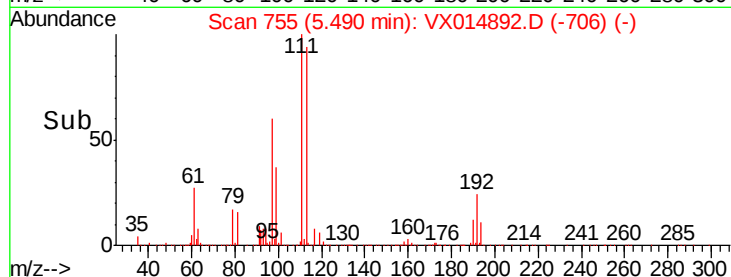
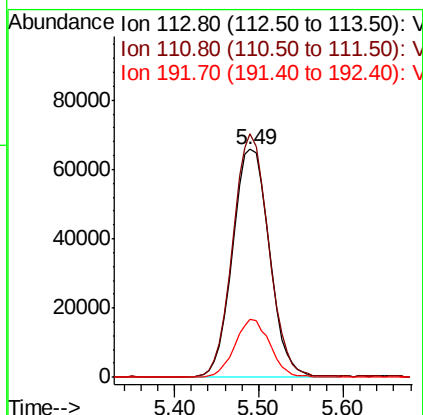
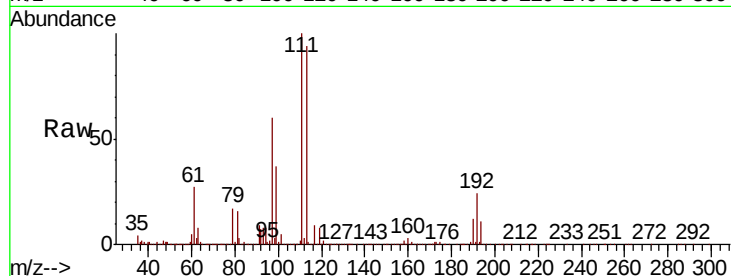




#35
 Dibromofluoromethane
 Concen: 48.851 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

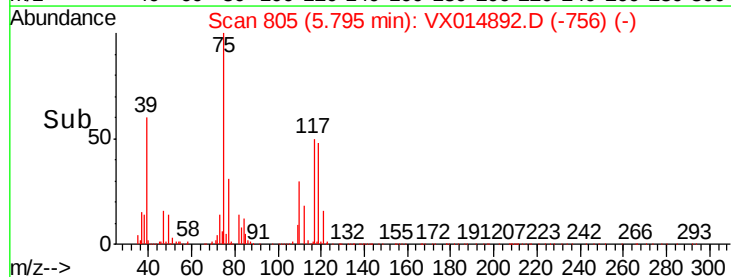
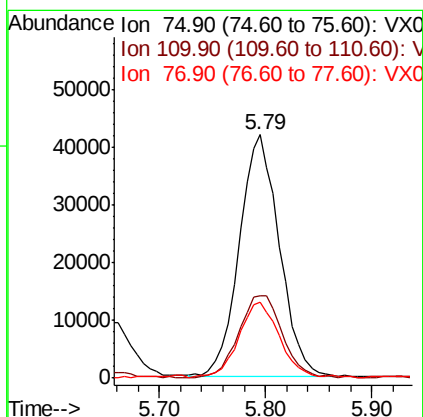
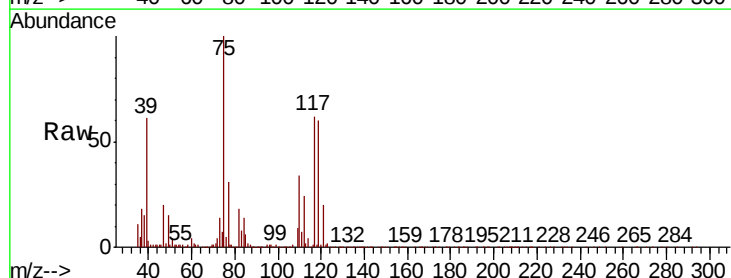
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

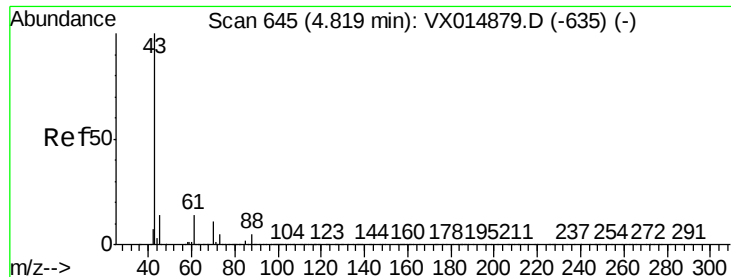
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	23.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 18.974 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.3	54.8
77	32.7	24.6	36.8

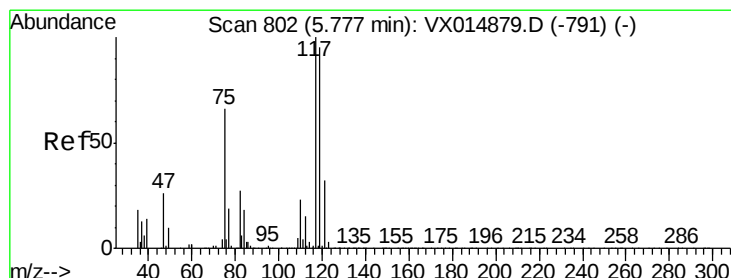
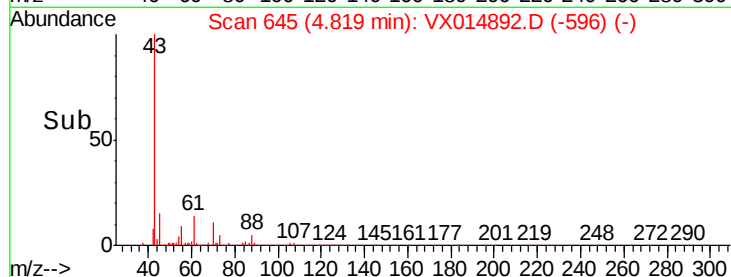
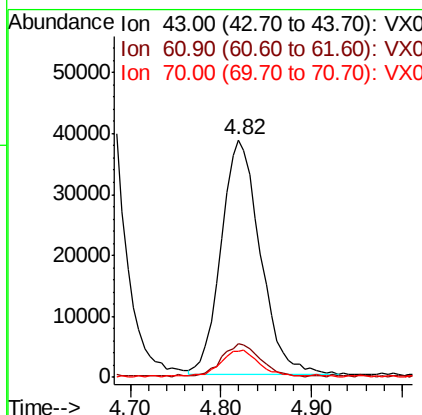
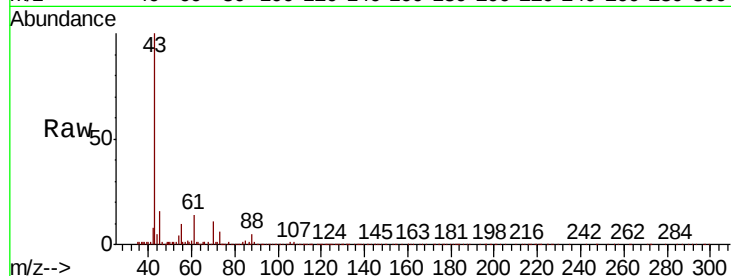




#37
Ethyl Acetate
Concen: 19.155 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

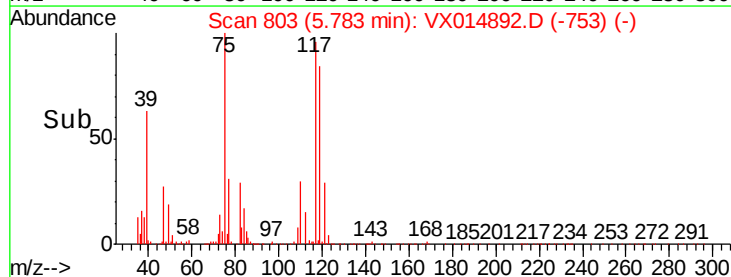
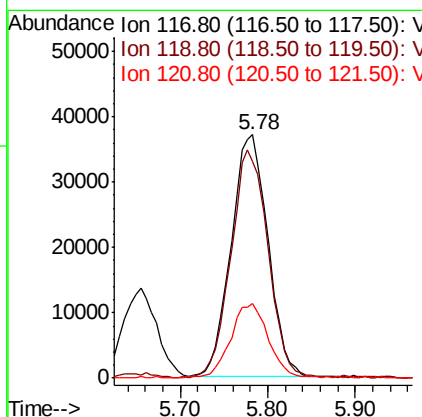
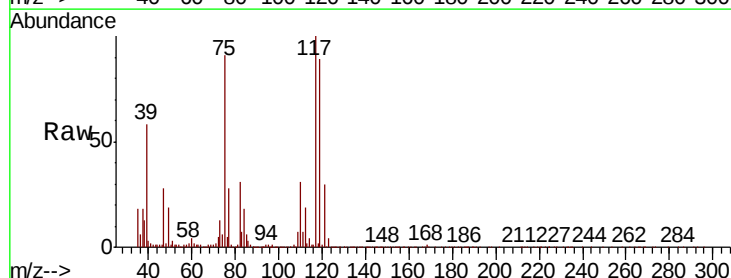
Instrument :
MSVOA_X
ClientSampleID :
VX0210MBSD01

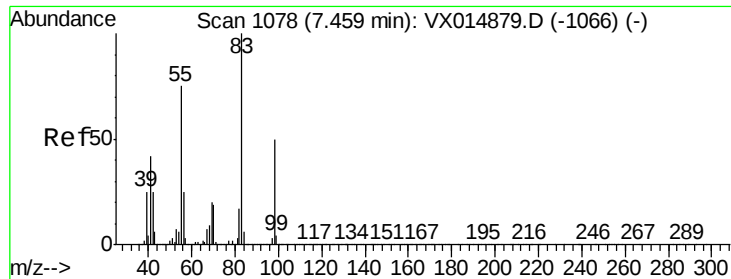
Tot Ion: 43 Resp: 116181
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.156 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 117 Resp: 108564
Ion Ratio Lower Upper
117 100
119 89.0 76.0 114.0
121 30.2 25.4 38.2

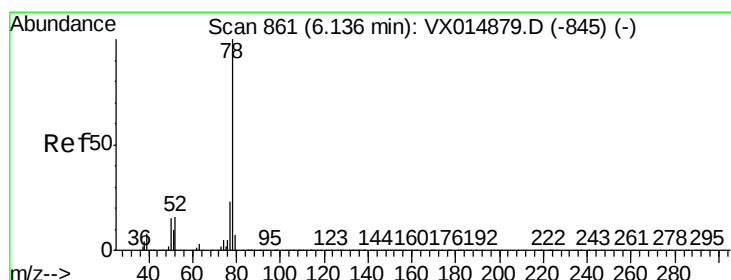
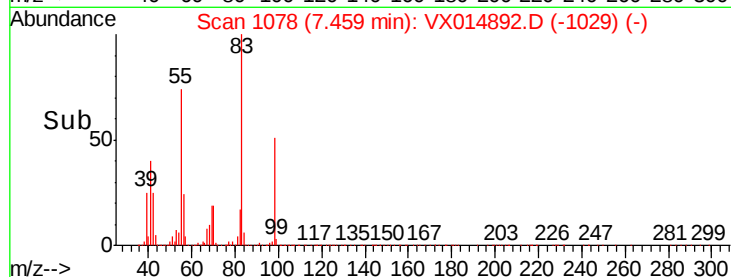
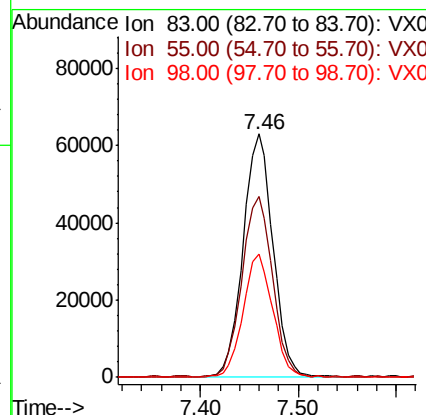
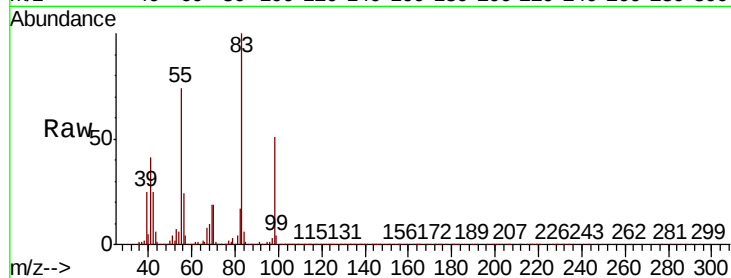




#39
Methvlcvclohexane
Concen: 18.313 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

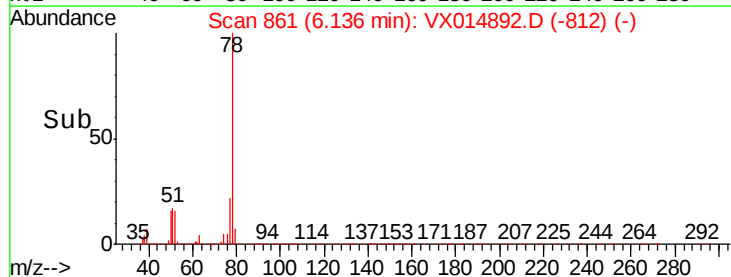
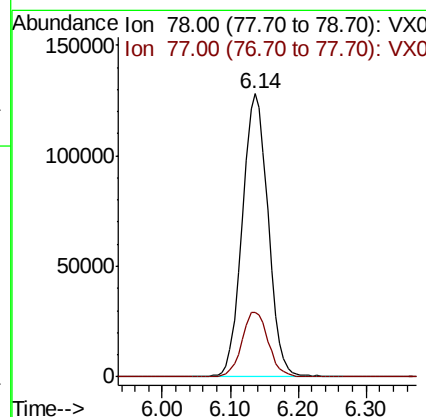
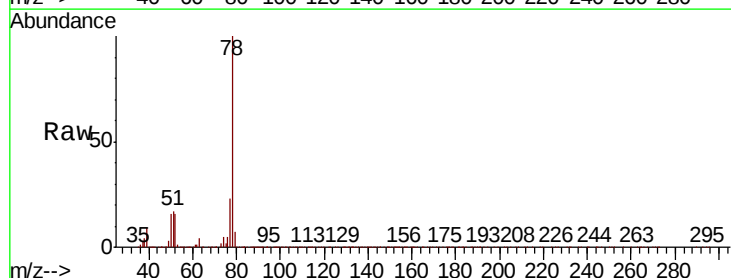
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

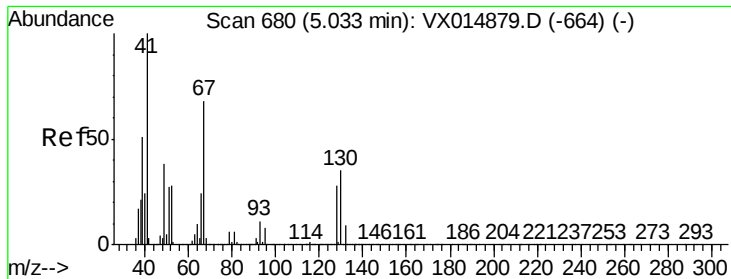
Tot Ion: 83 Resp: 133188
Ion Ratio Lower Upper
83 100
55 74.1 60.0 90.0
98 50.5 39.6 59.4



#40
Benzene
Concen: 19.412 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 78 Resp: 337301
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2

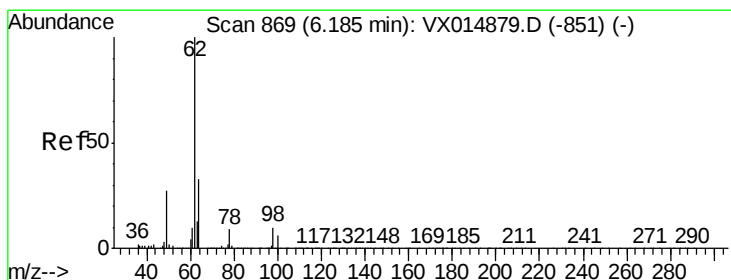
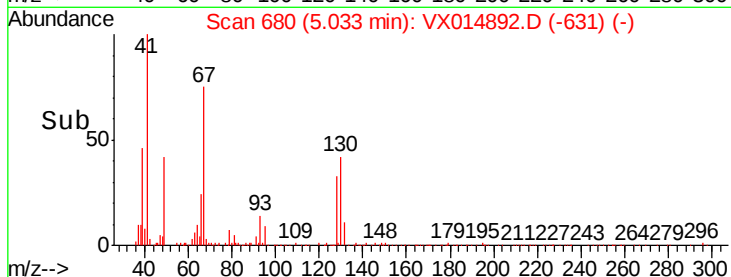
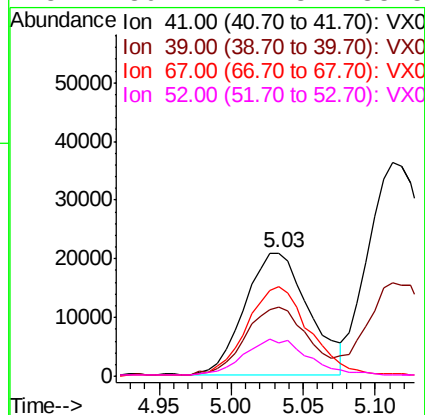
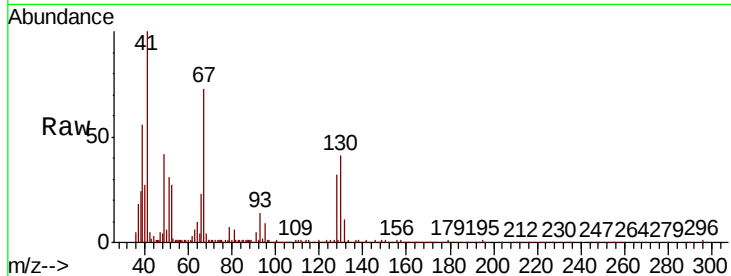




#41
Methacrylonitrile
Concen: 19.568 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

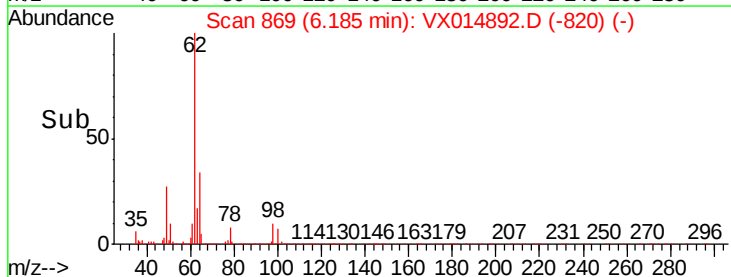
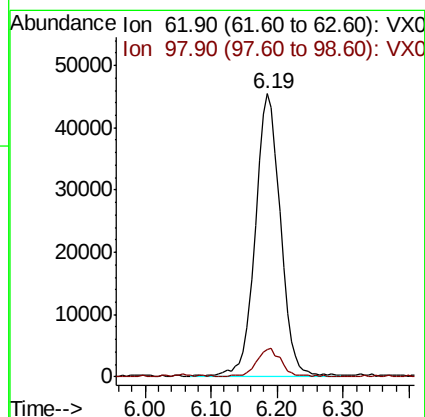
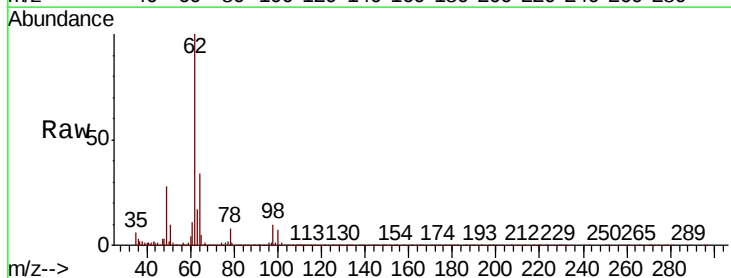
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

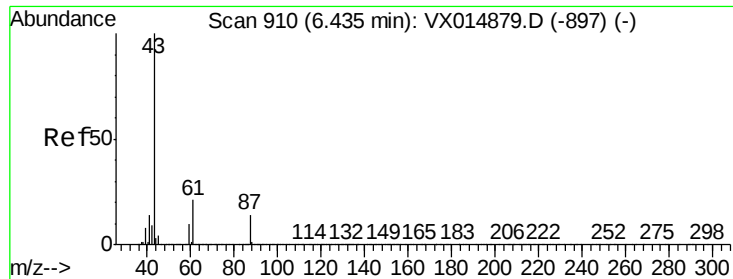
Tot Ion:	41	Resp:	63938
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.7	67.1
67	71.2	56.6	84.8
52	30.1	22.3	33.5



#42
1,2-Dichloroethane
Concen: 19.042 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion:	62	Resp:	119585
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.290 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

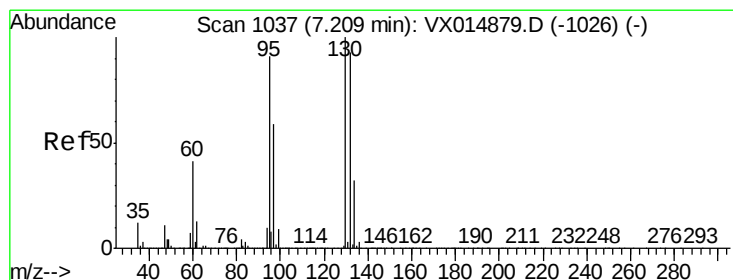
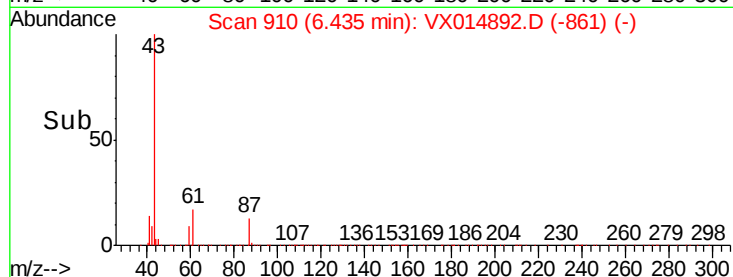
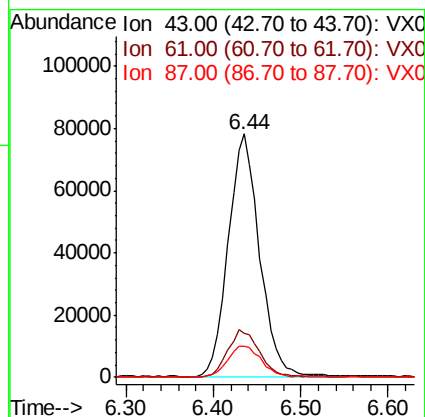
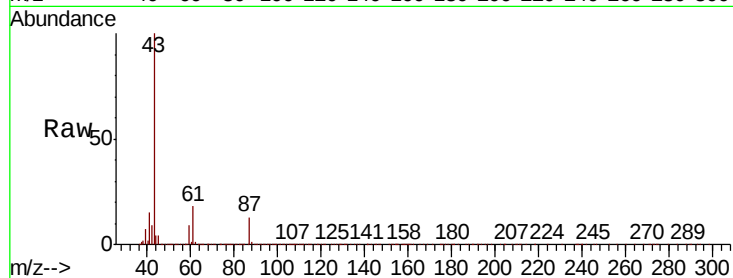
Tot Ion: 43 Resp: 193010

Ion Ratio Lower Upper

43 100

61 19.4 16.2 24.4

87 13.7 11.0 16.6



#44

Trichloroethene

Concen: 18.959 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014892.D

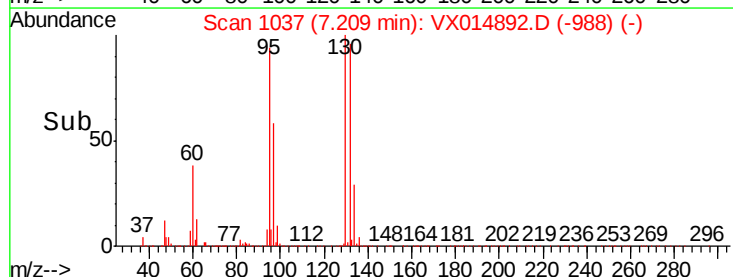
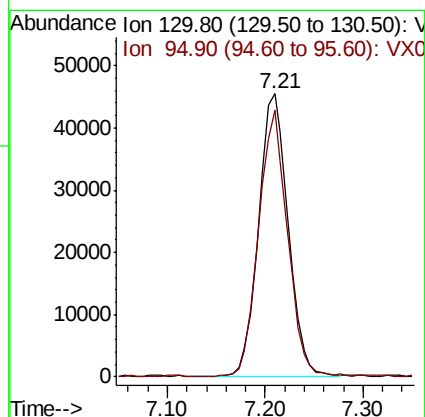
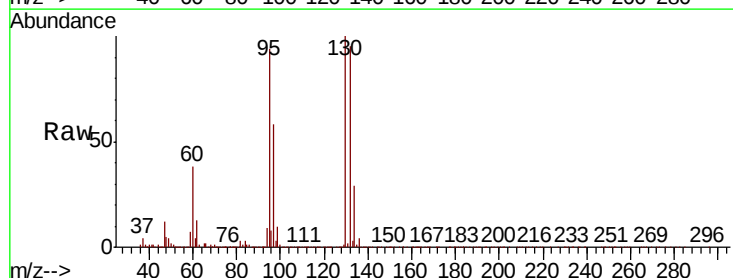
Acq: 10 Feb 2020 16:53

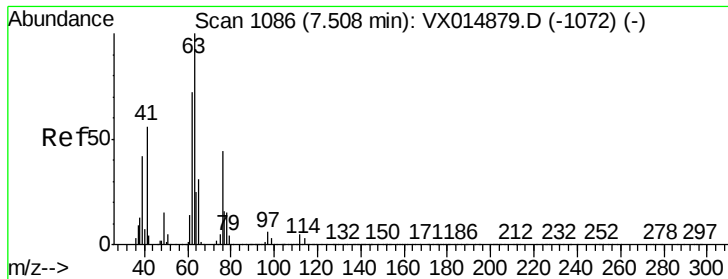
Tgt Ion:130 Resp: 95629

Ion Ratio Lower Upper

130 100

95 94.3 0.0 182.6

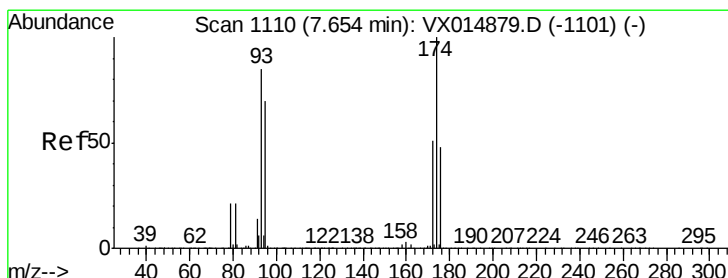
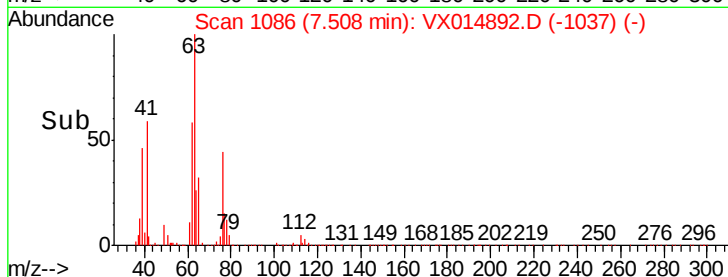
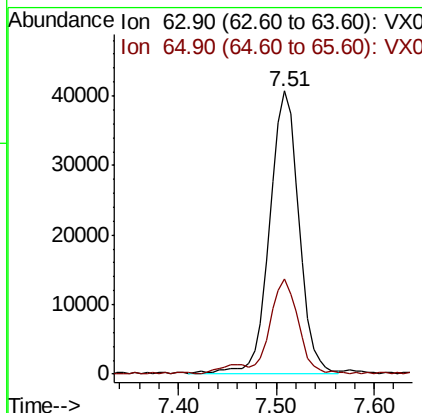
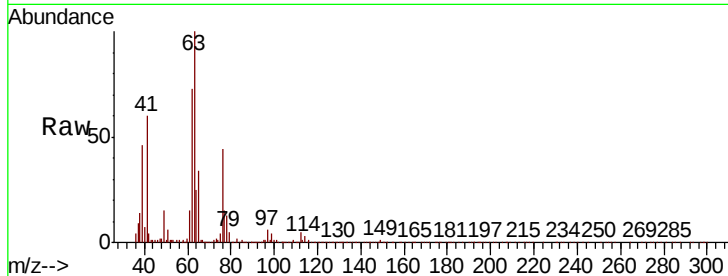




#45
 1,2-Dichloropropane
 Concen: 19.121 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

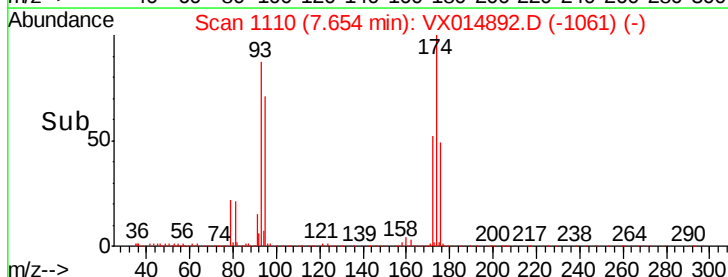
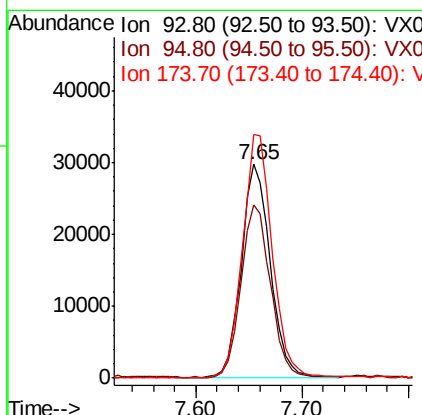
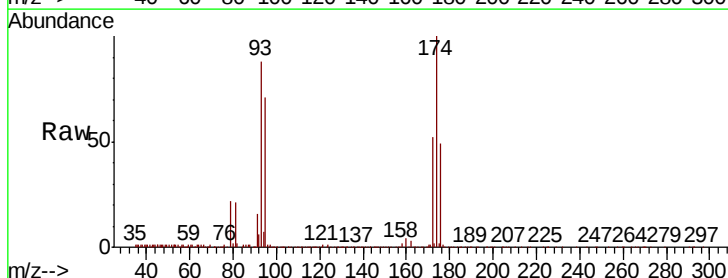
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

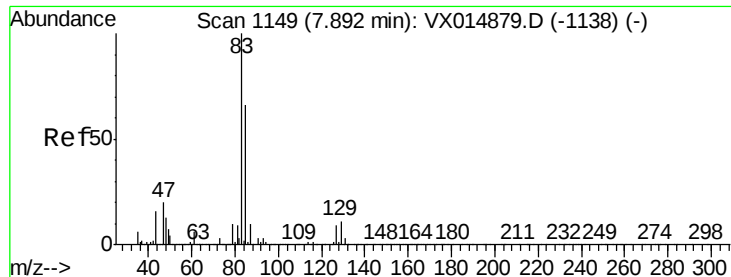
Tot Ion: 63 Resp: 84732
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.9 37.3



#46
 Dibromomethane
 Concen: 18.729 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion: 93 Resp: 56732
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.8
 174 118.2 95.4 143.2

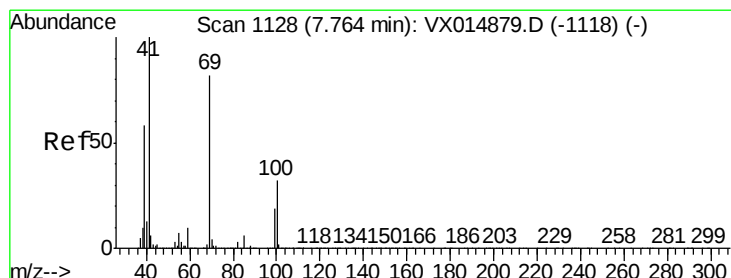
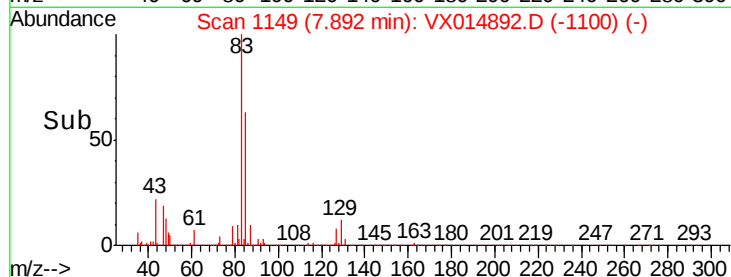
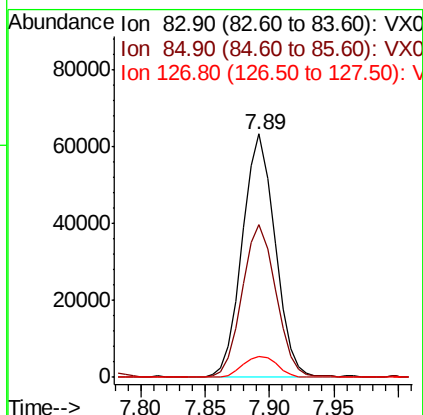
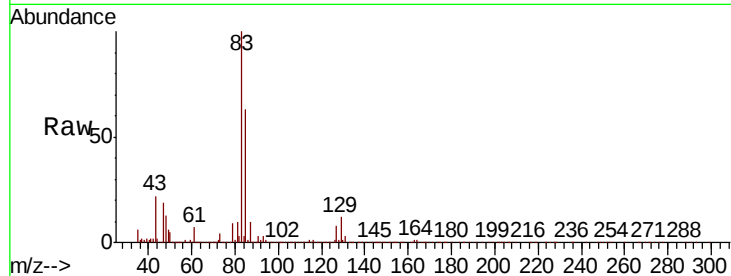




#47
Bromodichloromethane
Concen: 18.461 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

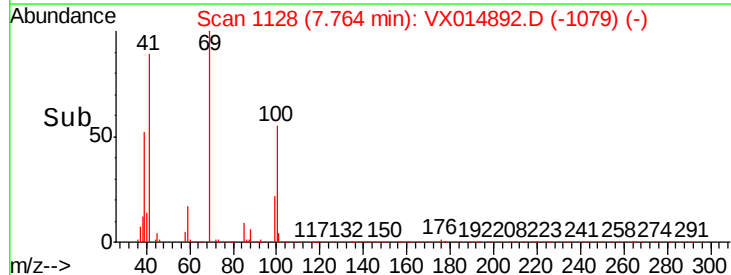
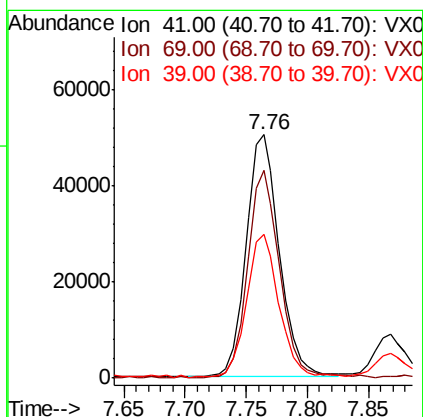
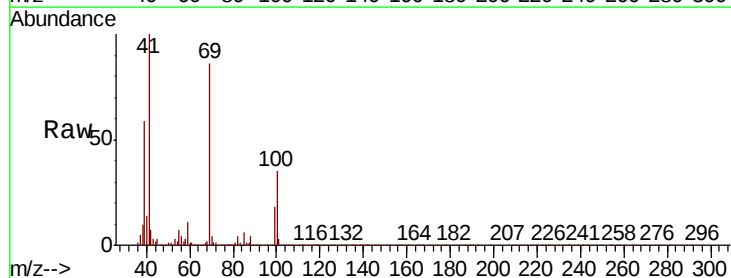
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

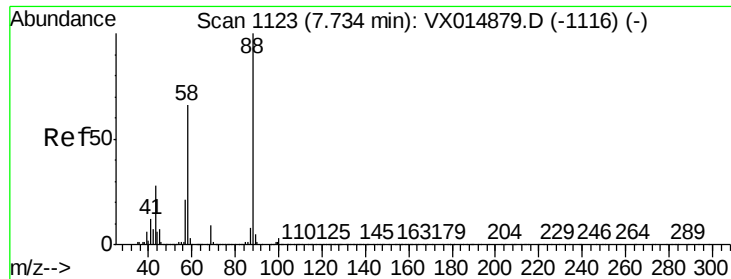
Tot Ion: 83 Resp: 110876
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.217 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 41 Resp: 94629
Ion Ratio Lower Upper
41 100
69 82.7 65.7 98.5
39 57.1 45.8 68.8

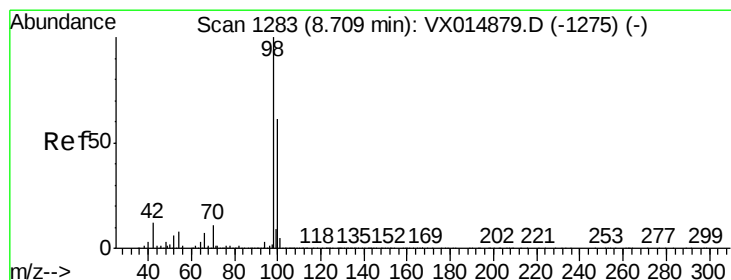
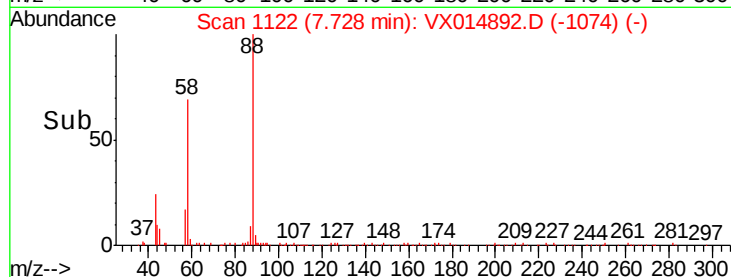
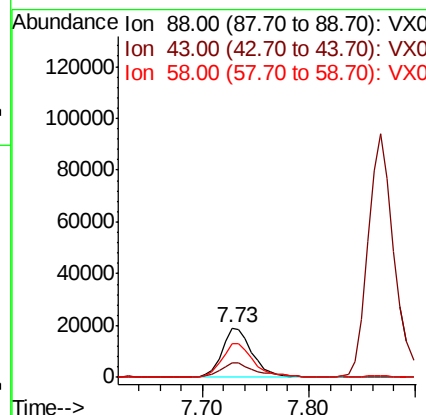
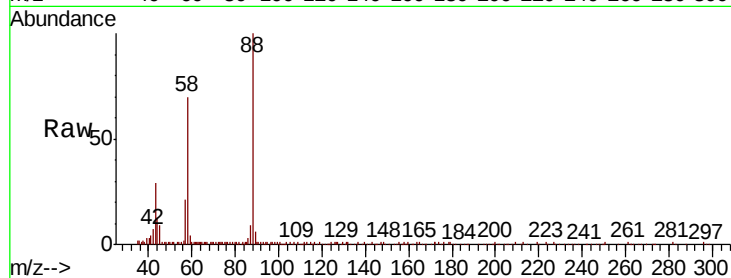




#49
1,4-Dioxane
Concen: 401.713 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

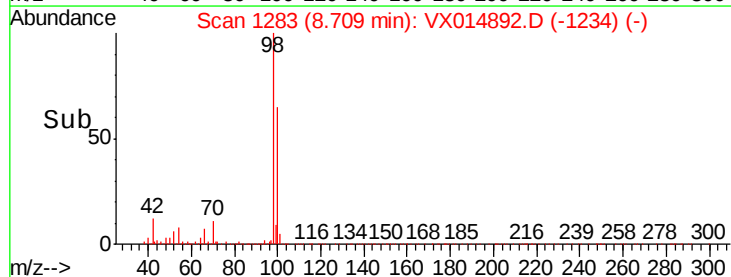
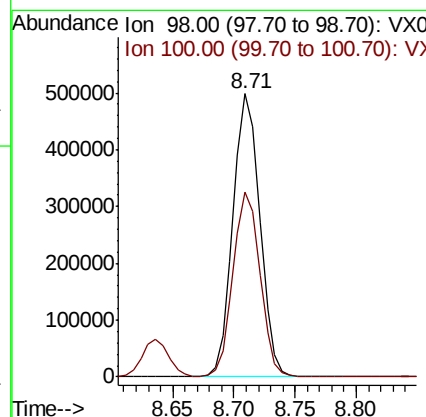
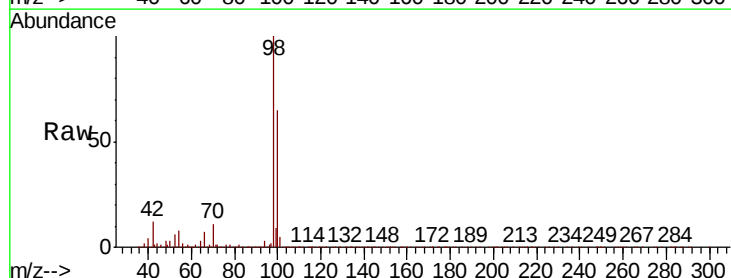
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

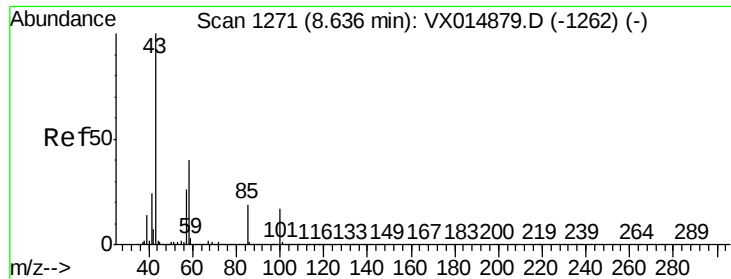
Tot Ion: 88 Resp: 36984
Ion Ratio Lower Upper
88 100
43 37.5 27.0 40.4
58 69.6 53.2 79.8



#50
Toluene-d8
Concen: 49.644 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 98 Resp: 757357
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 98.709 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

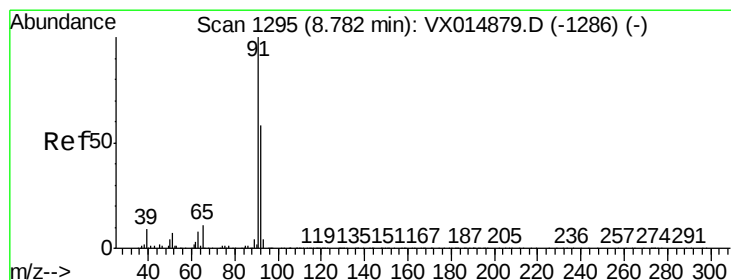
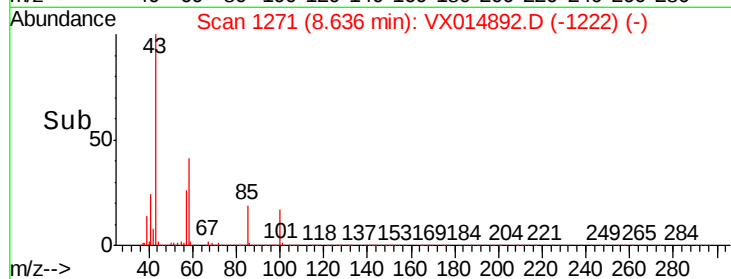
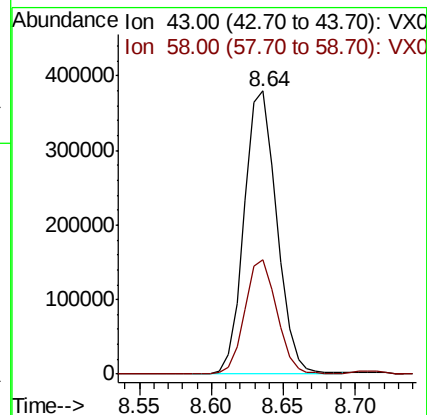
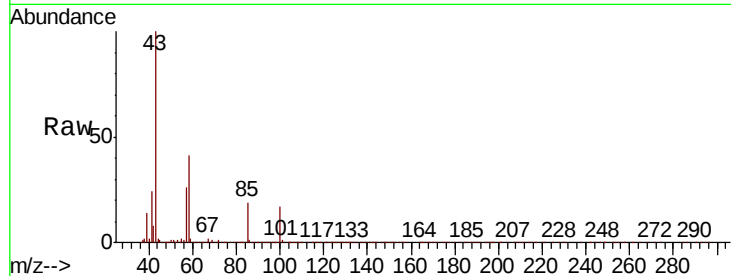
VX0210MBSD01

Tot Ion: 43 Resp: 596367

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9



#52

Toluene

Concen: 19.450 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014892.D

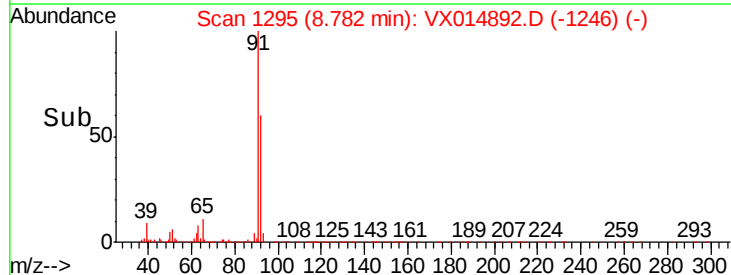
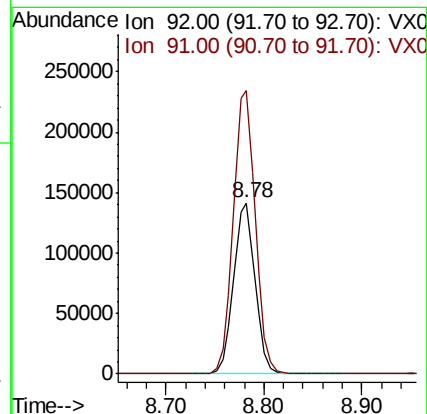
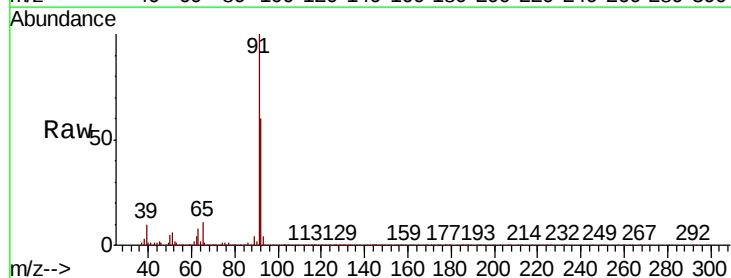
Acq: 10 Feb 2020 16:53

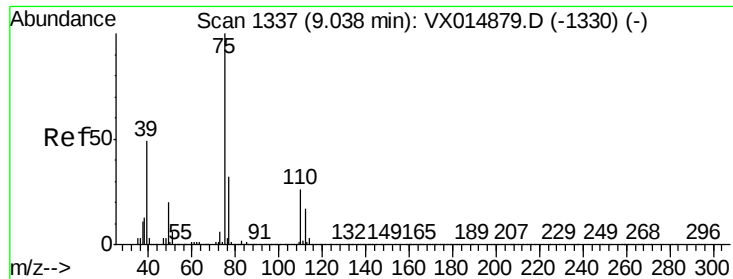
Tgt Ion: 92 Resp: 214644

Ion Ratio Lower Upper

92 100

91 169.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.786 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

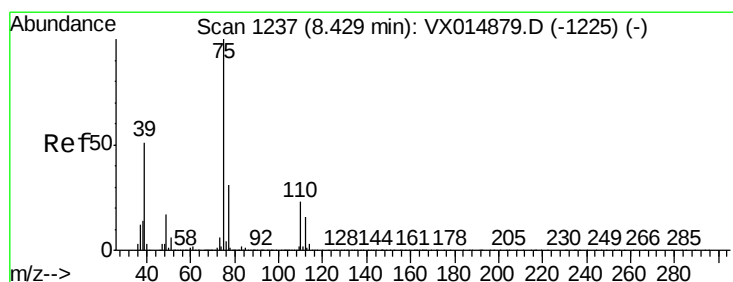
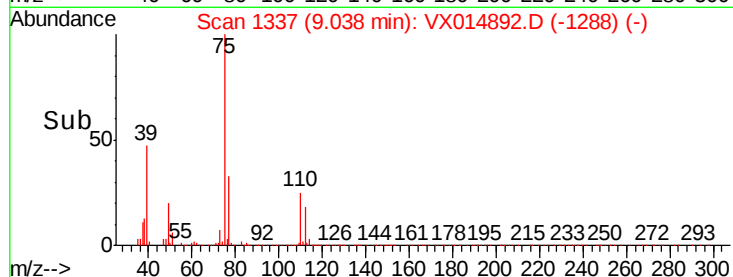
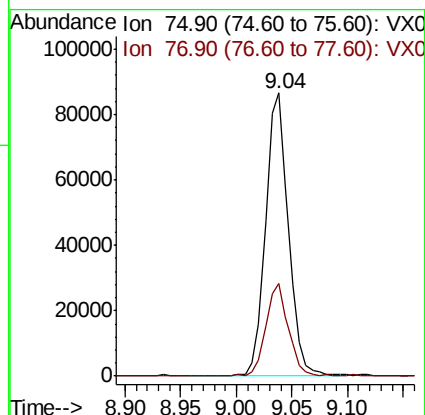
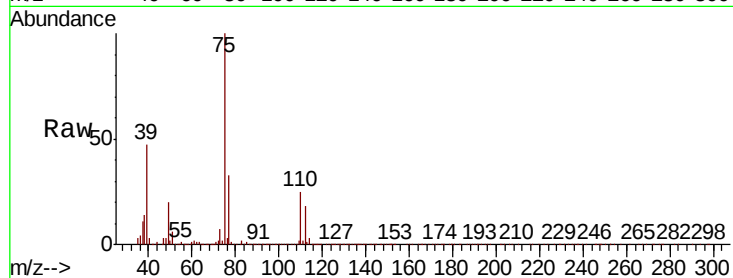
VX0210MBSD01

Tot Ion: 75 Resp: 123650

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.802 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

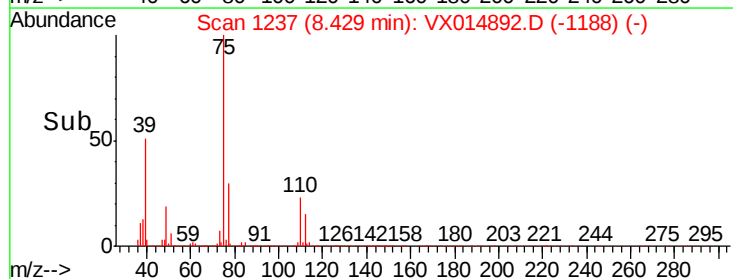
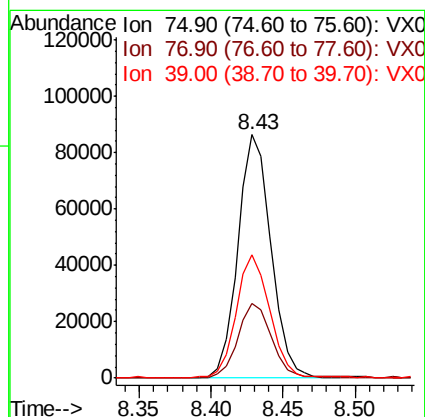
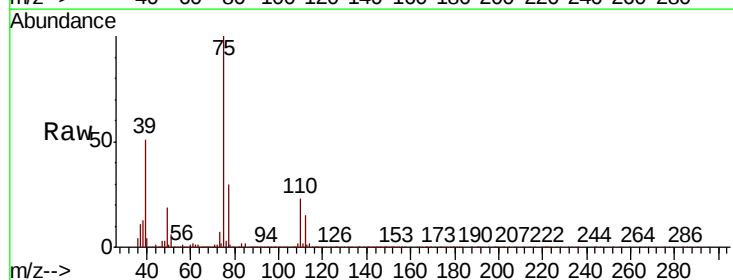
Tgt Ion: 75 Resp: 136715

Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

39 50.9 40.9 61.3

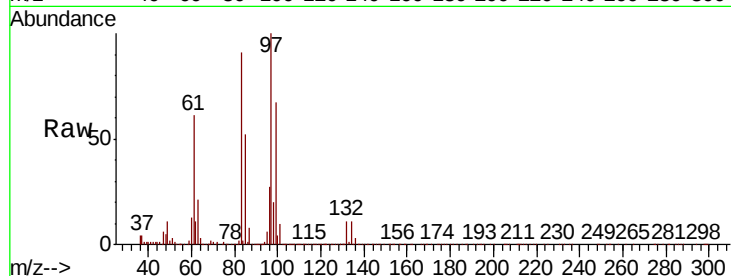




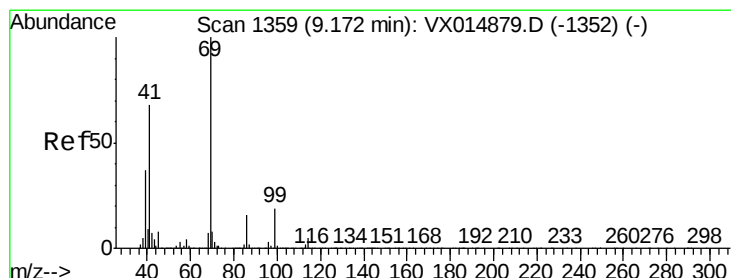
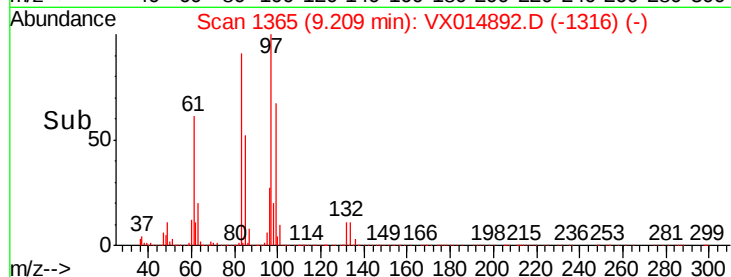
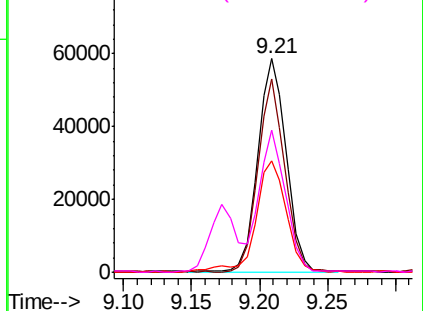
#55
 1,1,2-Trichloroethane
 Concen: 19.254 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

Tot Ion:	97	Resp:	85969
Ion	Ratio	Lower	Upper
97	100		
83	90.5	66.6	99.8
85	51.8	43.5	65.3
99	66.2	49.6	74.4

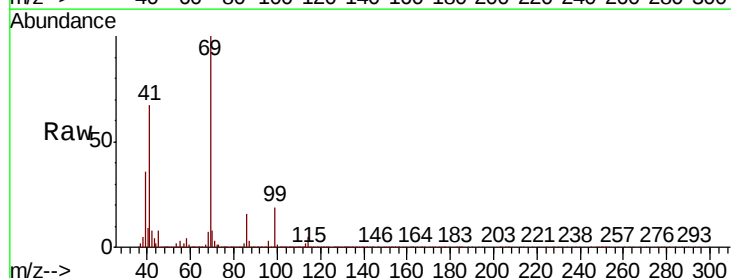


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

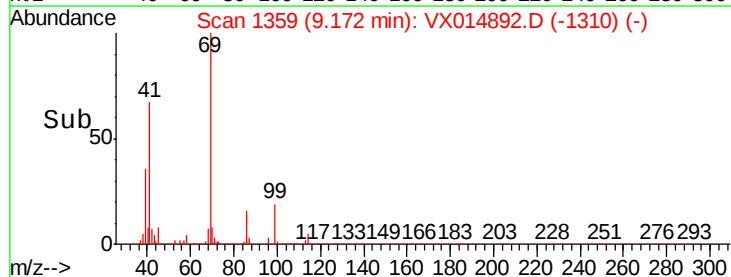
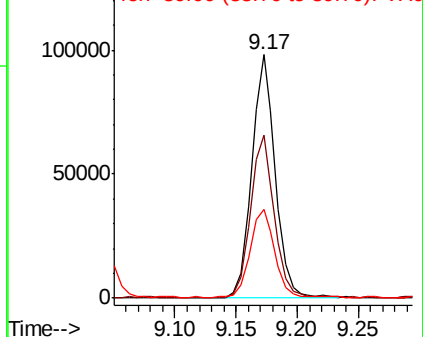


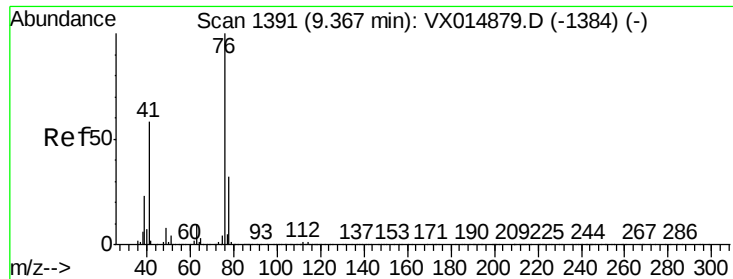
#56
 Ethyl methacrylate
 Concen: 19.444 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion:	69	Resp:	130493
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.8	82.2
39	38.0	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 19.324 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

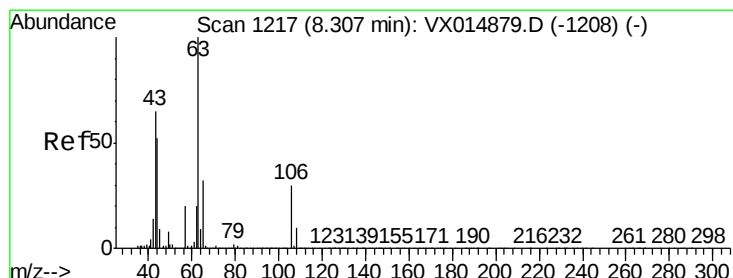
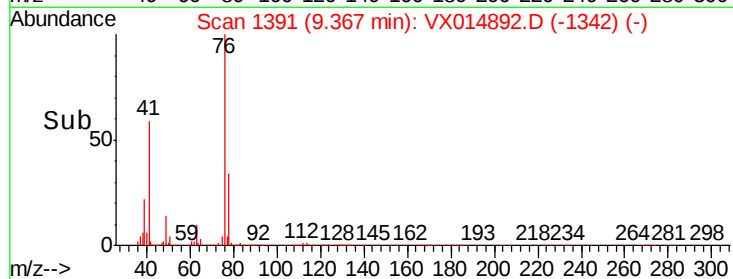
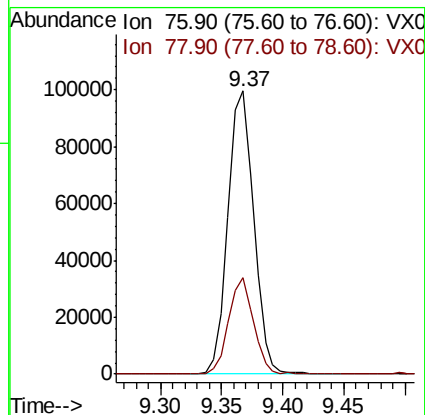
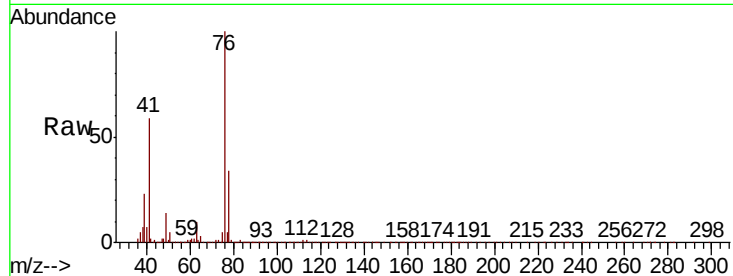
VX0210MBSD01

Tot Ion: 76 Resp: 145241

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.863 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014892.D

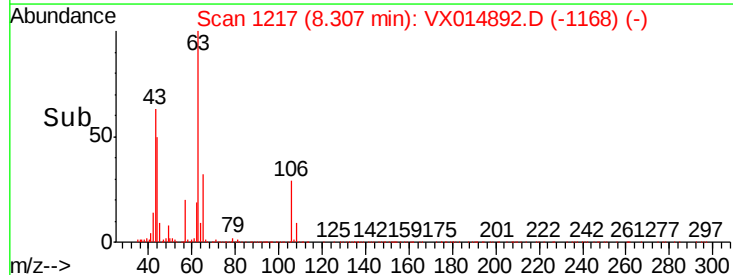
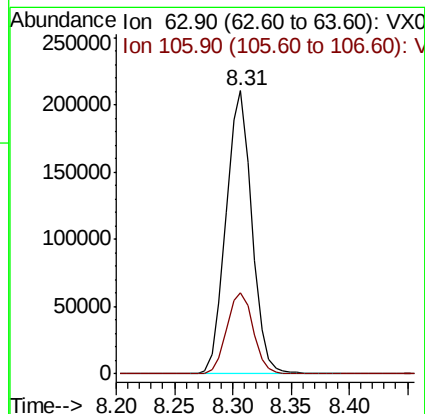
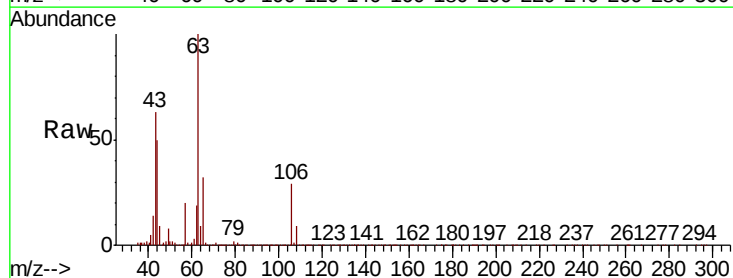
Acq: 10 Feb 2020 16:53

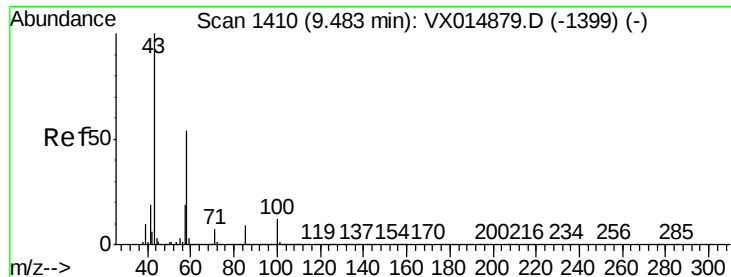
Tgt Ion: 63 Resp: 322420

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8

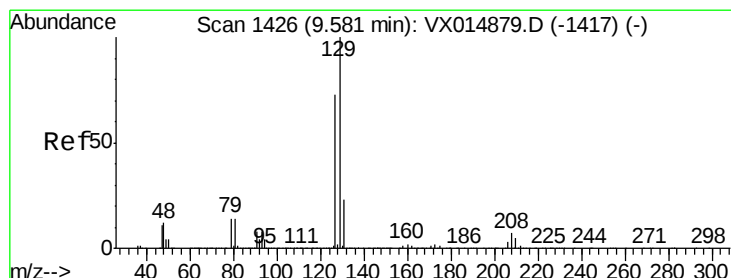
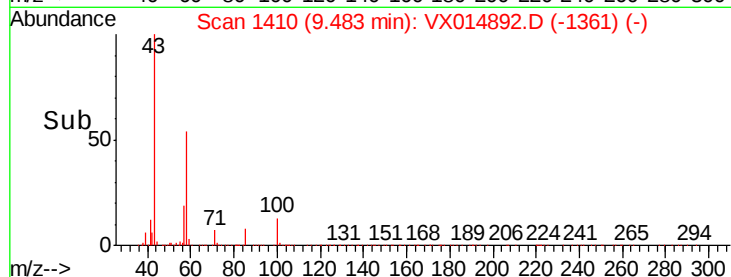
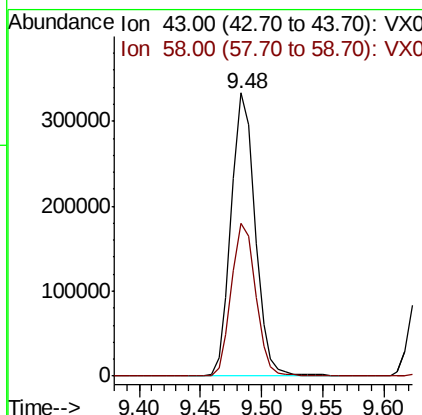
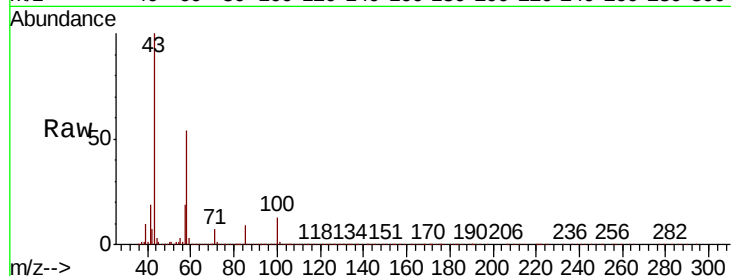




#59
2-Hexanone
Concen: 95.143 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

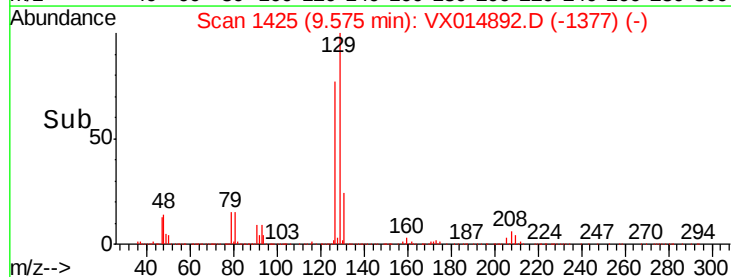
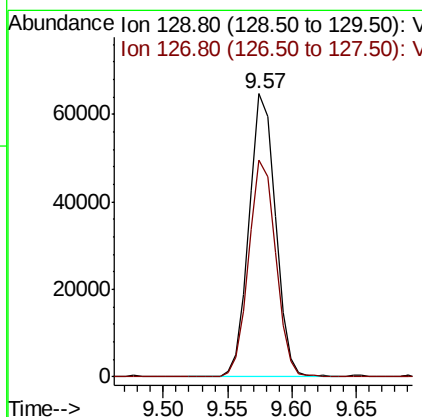
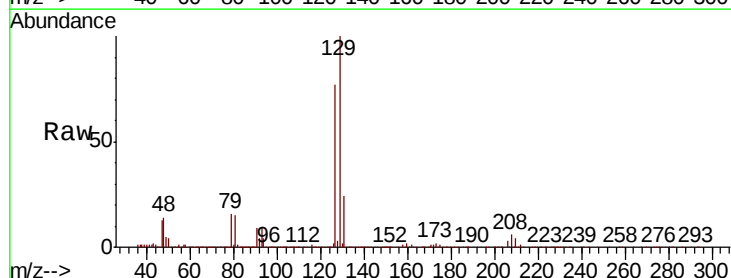
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

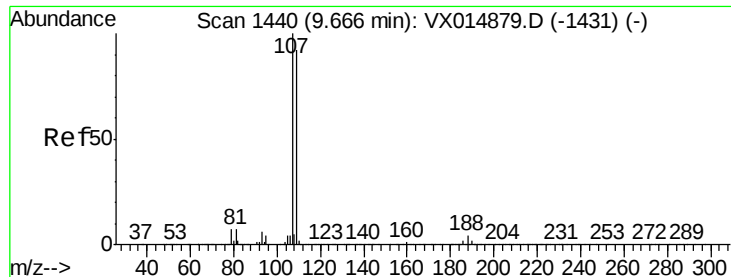
Tot Ion: 43 Resp: 451819
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.5



#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 129 Resp: 91479
Ion Ratio Lower Upper
129 100
127 78.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.108 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

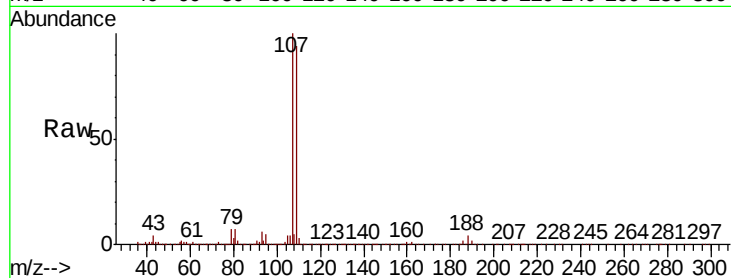
VX0210MBSD01

Tot Ion:107 Resp: 92055

Ion Ratio Lower Upper

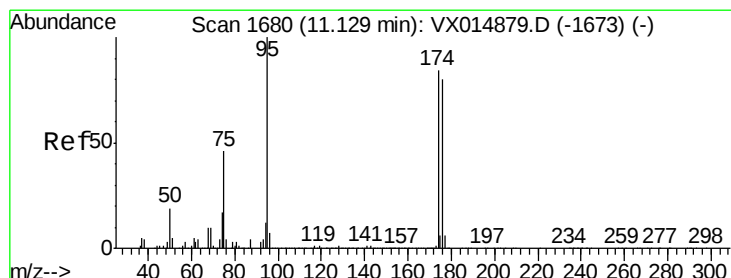
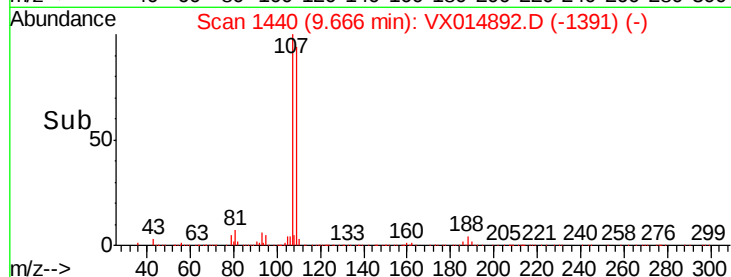
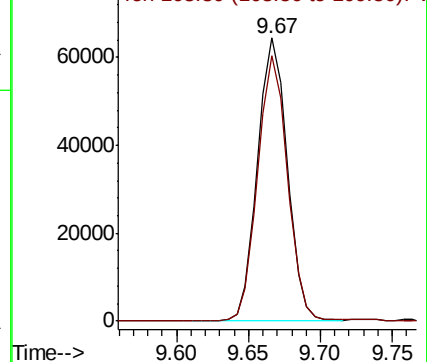
107 100

109 92.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.830 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

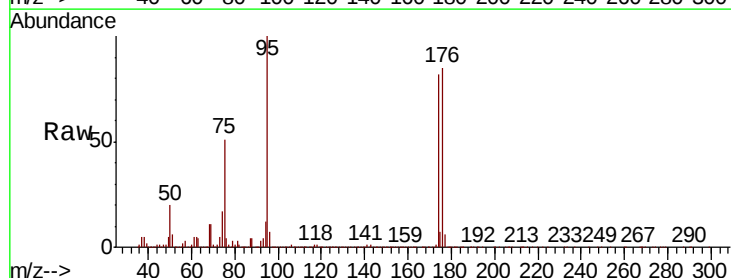
Tgt Ion: 95 Resp: 273848

Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.0

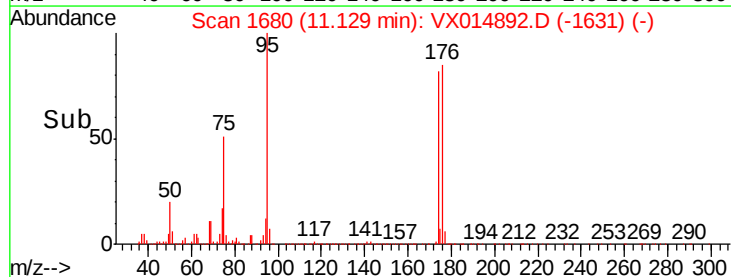
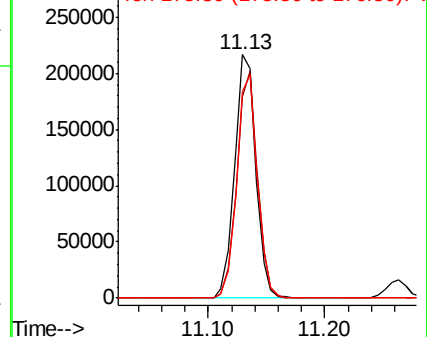
176 89.9 0.0 178.0

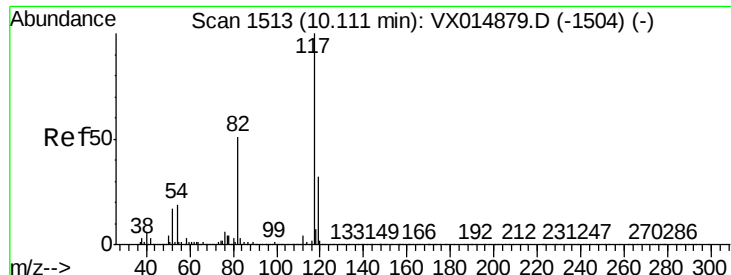


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

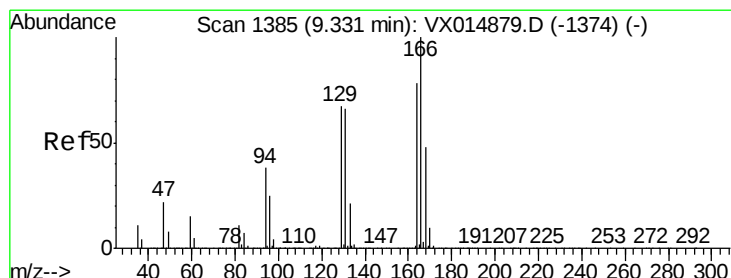
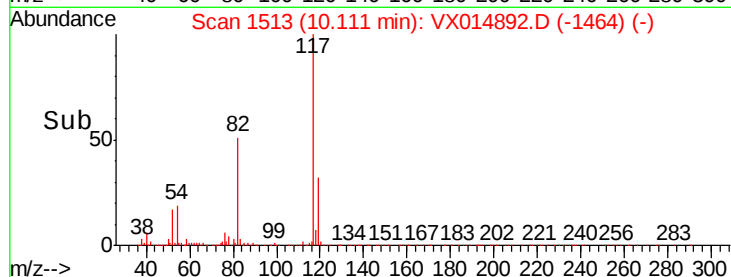
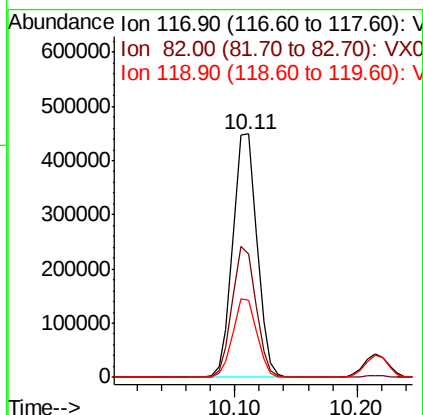
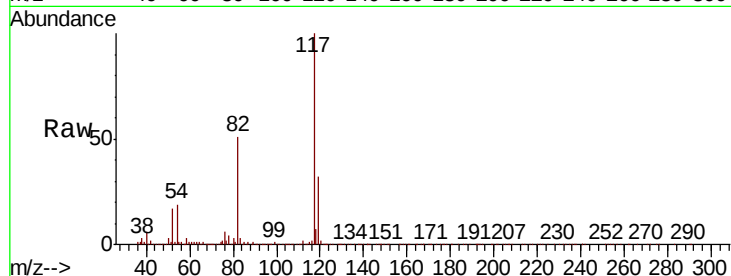




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

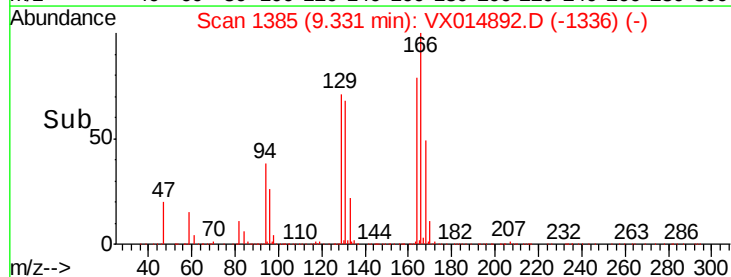
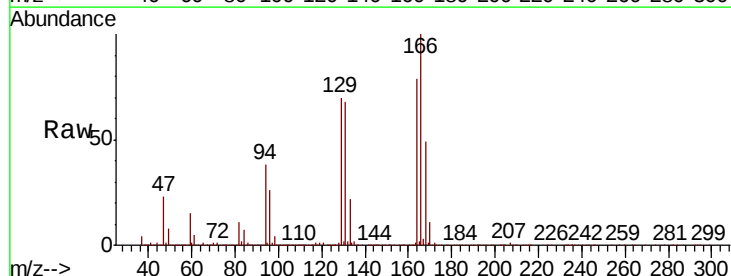
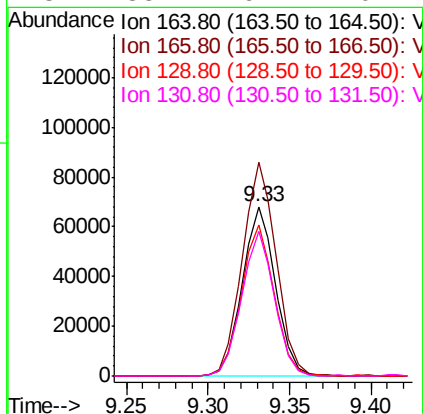
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

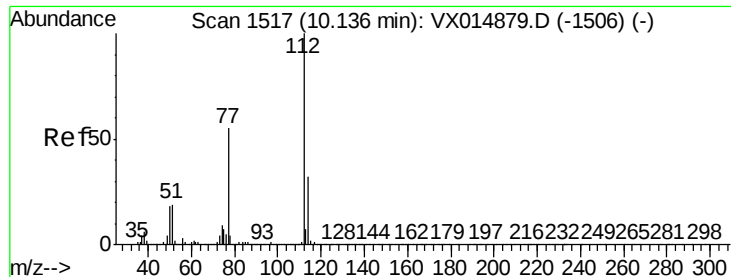
Tot Ion:117 Resp: 613221
Ion Ratio Lower Upper
117 100
82 50.7 40.5 60.7
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 16.742 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion:164 Resp: 95989
Ion Ratio Lower Upper
164 100
166 126.3 102.6 153.8
129 88.8 68.3 102.5
131 85.2 67.4 101.2

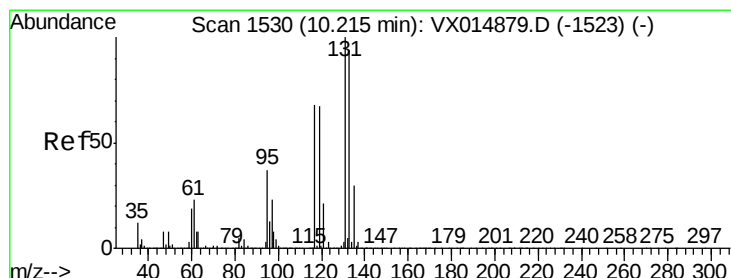
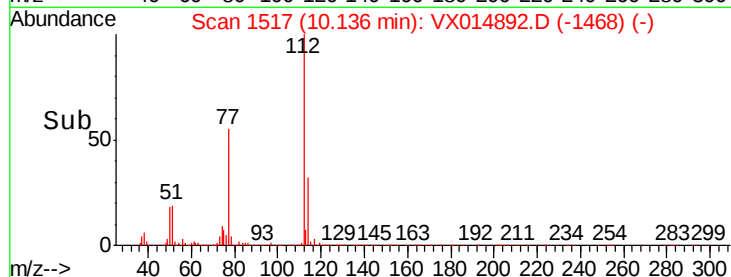
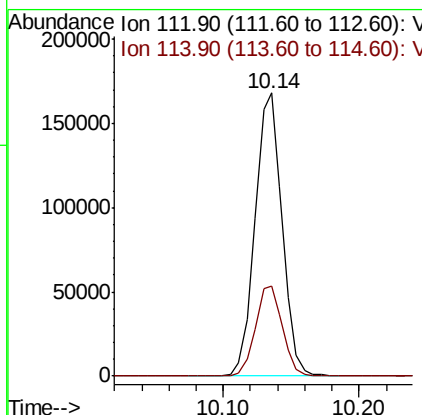
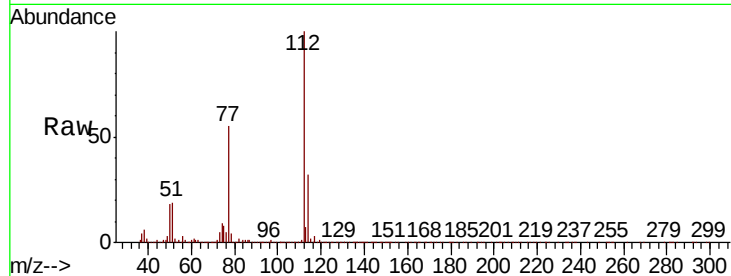




#65
Chlorobenzene
Concen: 18.863 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

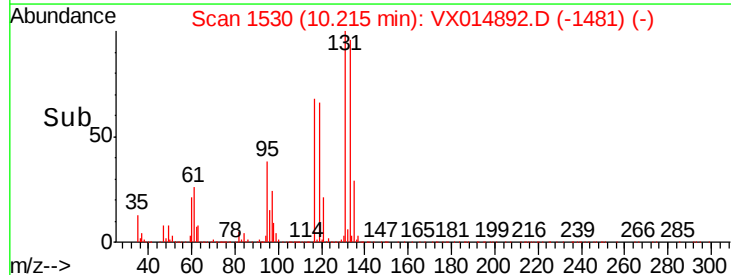
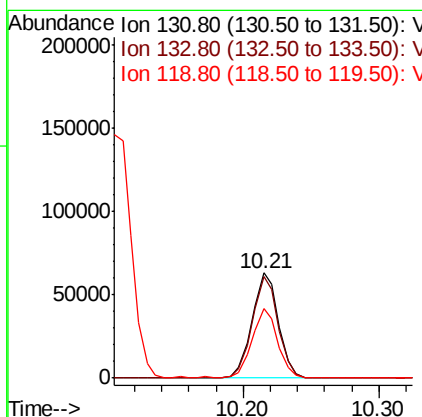
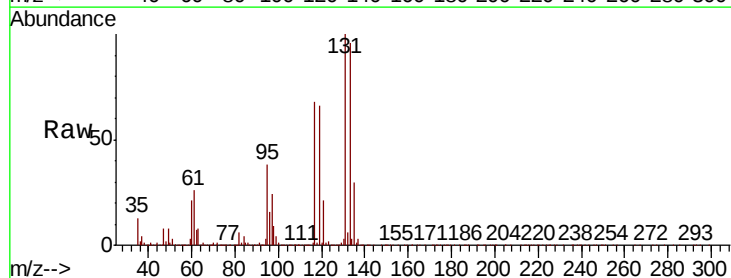
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

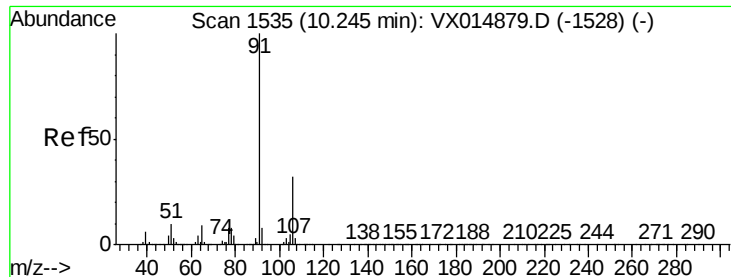
Tot Ion:112 Resp: 234609
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.062 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion:131 Resp: 86073
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 63.9 33.0 99.0





#67

Ethyl Benzene

Concen: 19.016 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

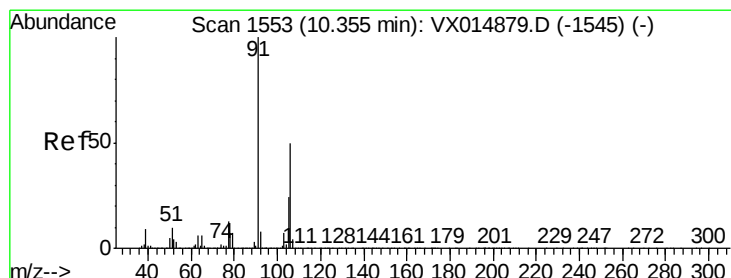
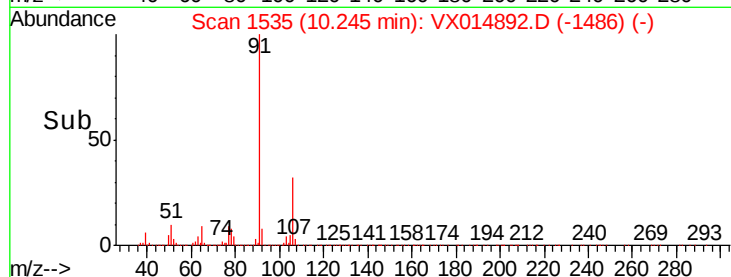
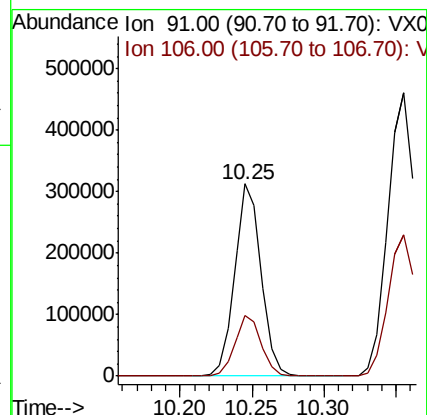
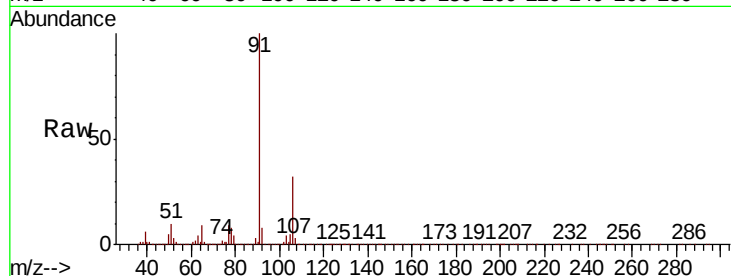
VX0210MBS01

Tot Ion: 91 Resp: 402251

Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9



#68

m/p-Xylenes

Concen: 37.811 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014892.D

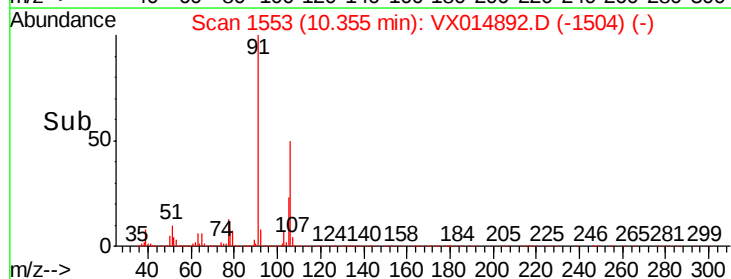
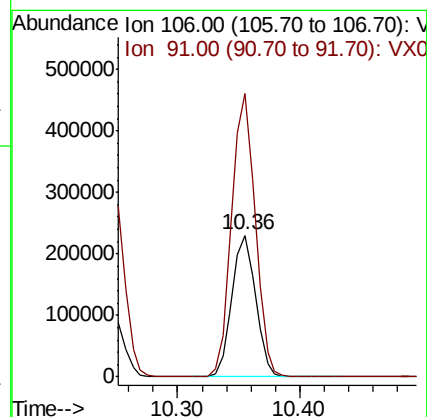
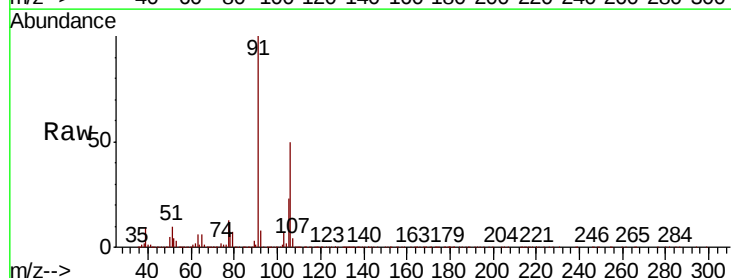
Acq: 10 Feb 2020 16:53

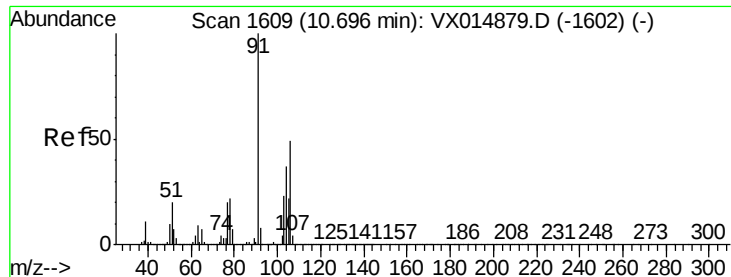
Tgt Ion: 106 Resp: 308114

Ion Ratio Lower Upper

106 100

91 199.6 160.6 240.8

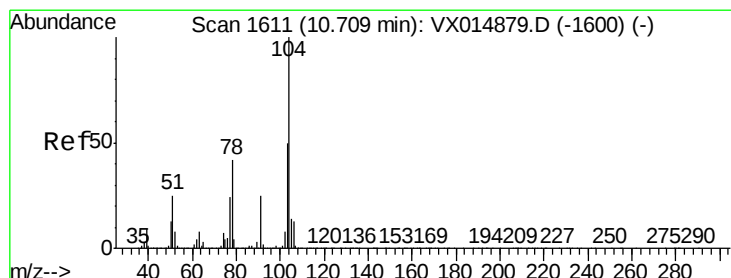
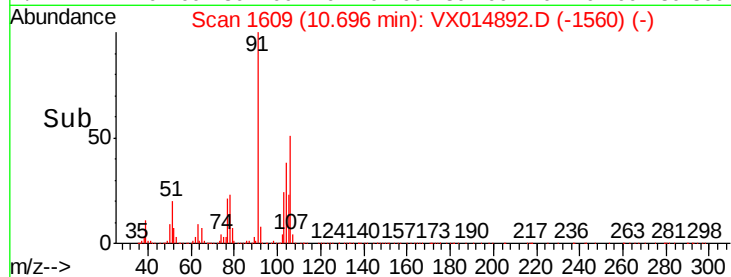
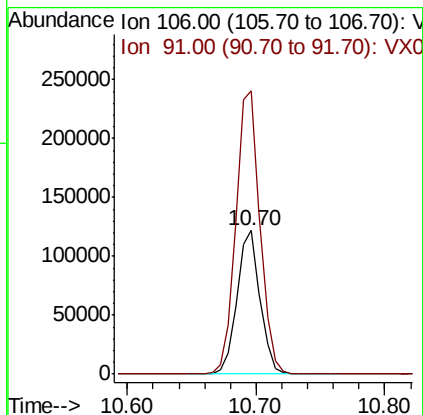
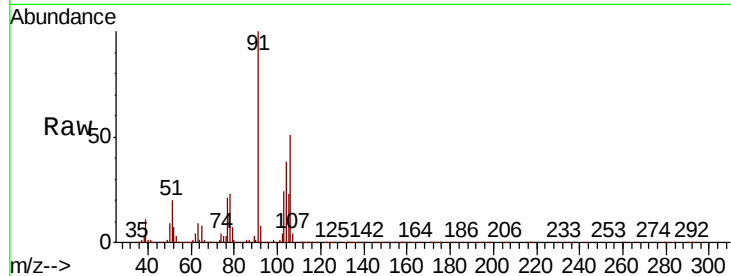




#69
o-Xylene
Concen: 19.359 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

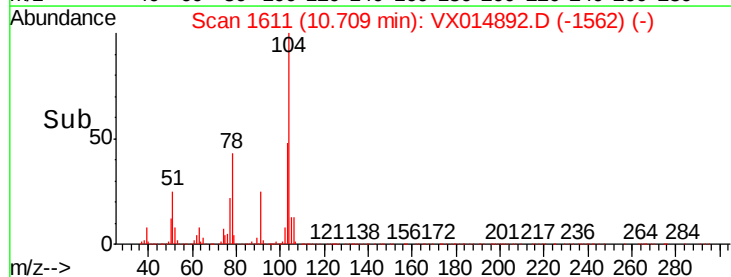
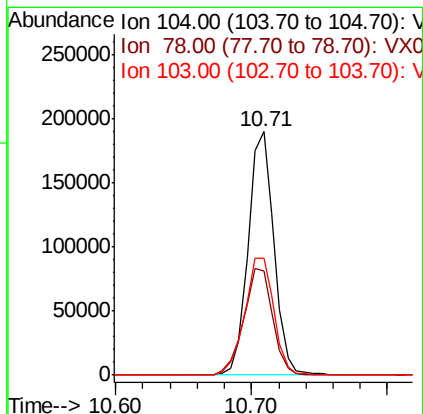
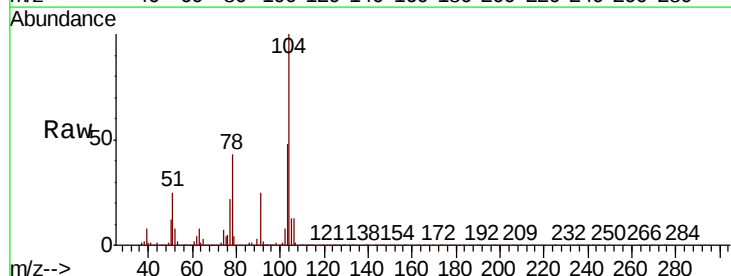
Instrument :
MSVOA_X
ClientSampleID :
VX0210MBSD01

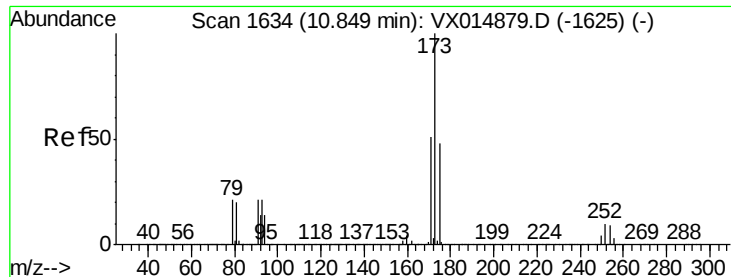
Tot Ion:106 Resp: 151641
Ion Ratio Lower Upper
106 100
91 206.3 105.1 315.3



#70
Styrene
Concen: 18.985 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion:104 Resp: 251585
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.265 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

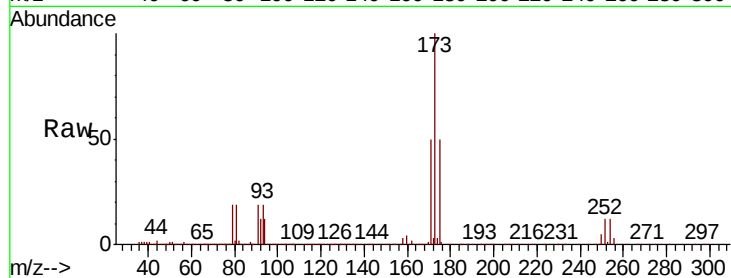
Tot Ion:173 Resp: 68841

Ion Ratio Lower Upper

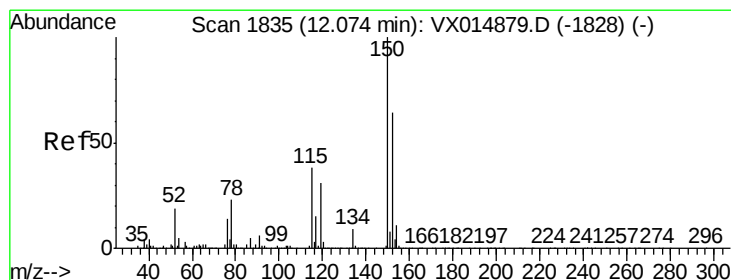
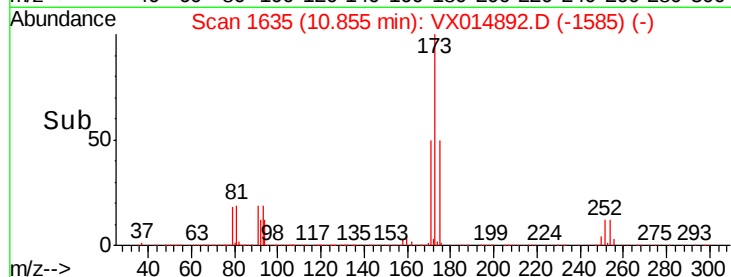
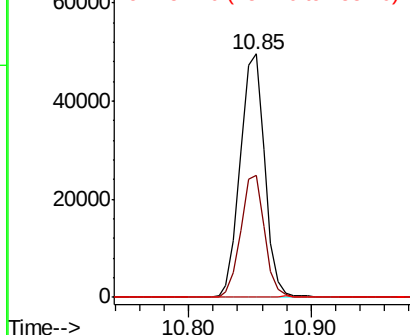
173 100

175 48.7 24.2 72.6

254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

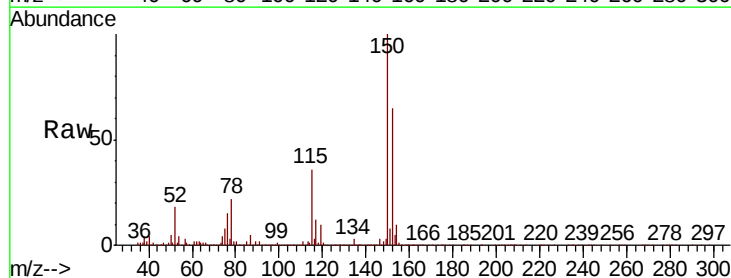
Tgt Ion:152 Resp: 323703

Ion Ratio Lower Upper

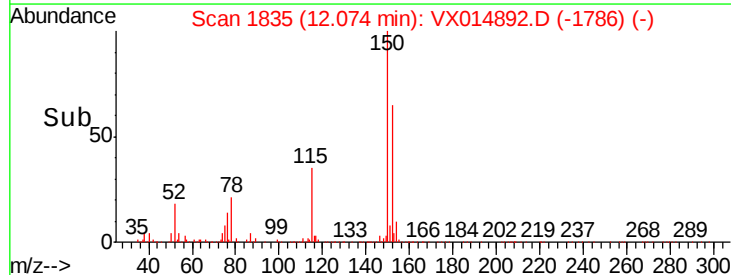
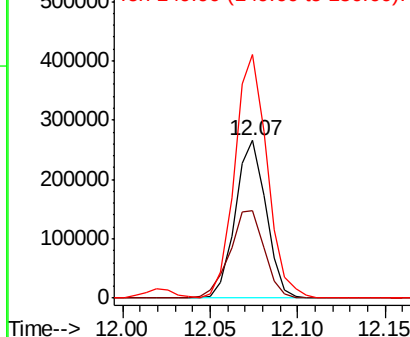
152 100

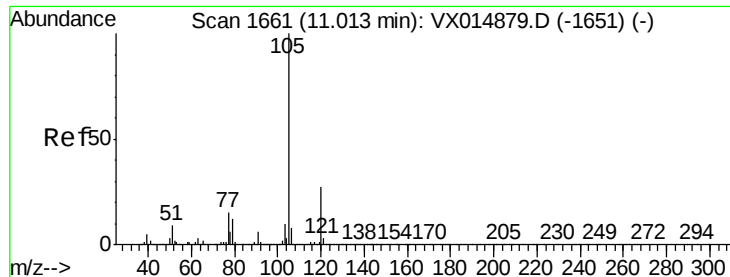
115 62.9 38.6 116.0

150 163.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.483 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

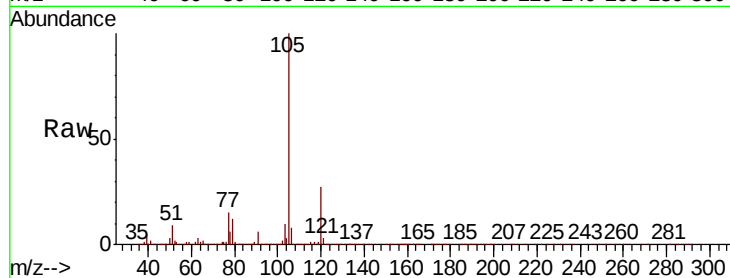
VX0210MBSD01

Tot Ion: 105 Resp: 395492

Ion Ratio Lower Upper

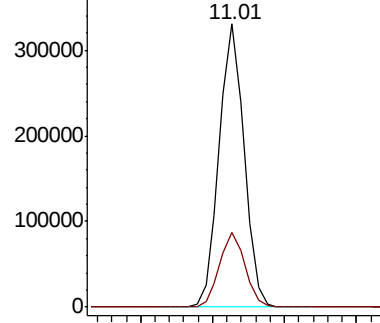
105 100

120 26.9 13.6 40.8

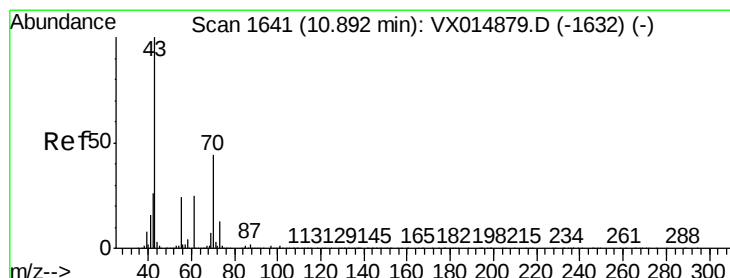
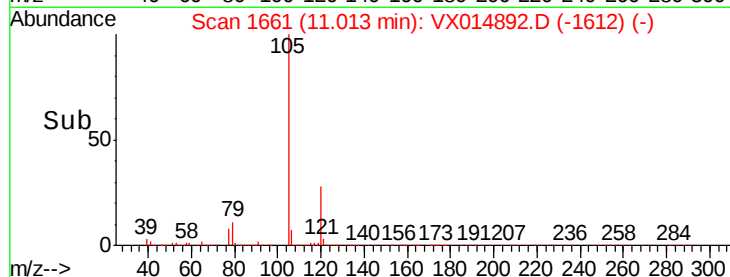


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.364 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Tgt Ion: 43 Resp: 163331

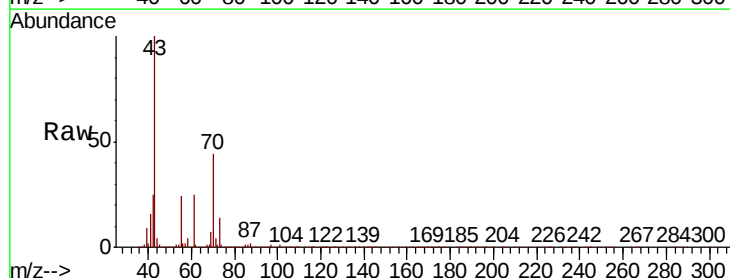
Ion Ratio Lower Upper

43 100

70 43.9 35.0 52.4

55 25.2 19.4 29.2

61 25.1 19.8 29.6

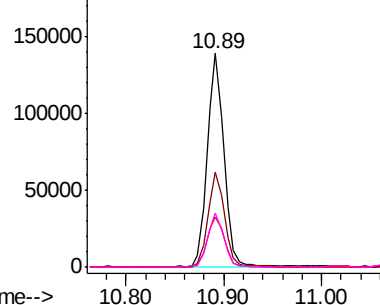


Abundance Ion 43.00 (42.70 to 43.70): VX0

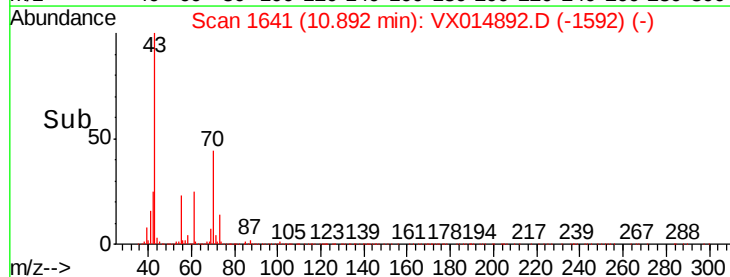
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.427 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

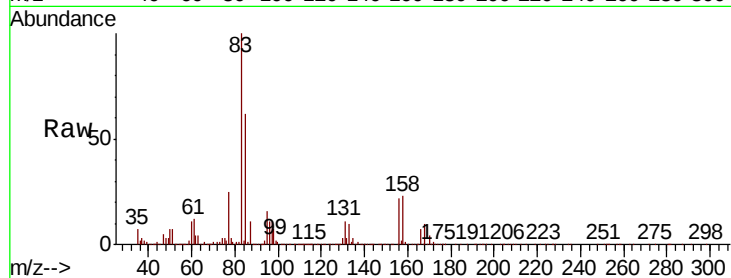
Tot Ion: 83 Resp: 128915

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

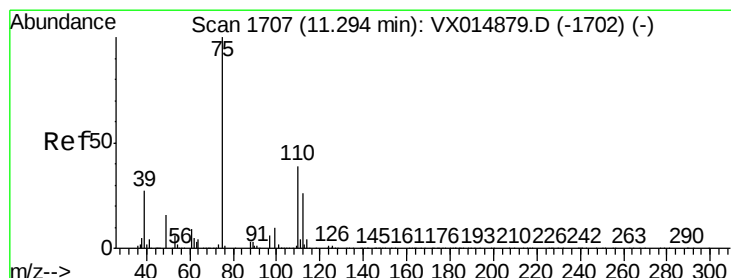
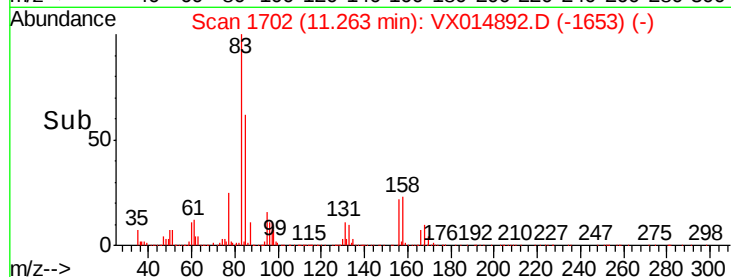
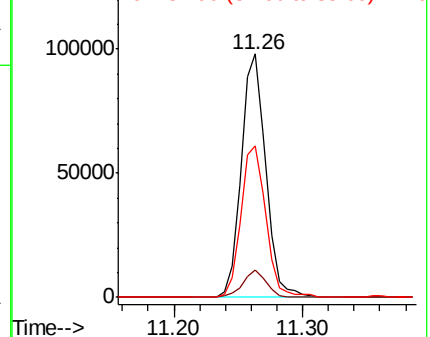
85 64.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.792 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014892.D

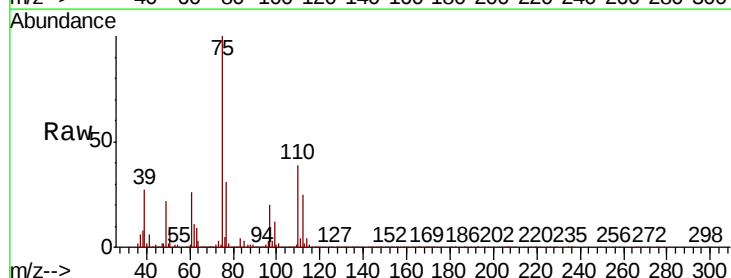
Acq: 10 Feb 2020 16:53

Tgt Ion: 75 Resp: 145124

Ion Ratio Lower Upper

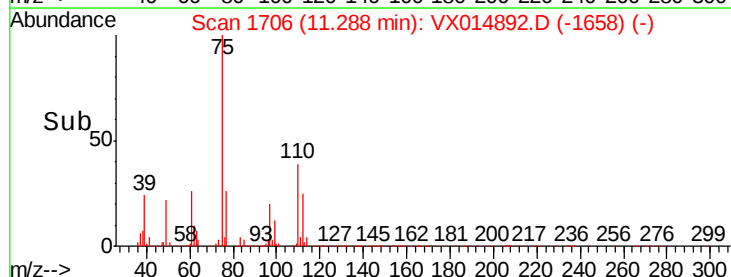
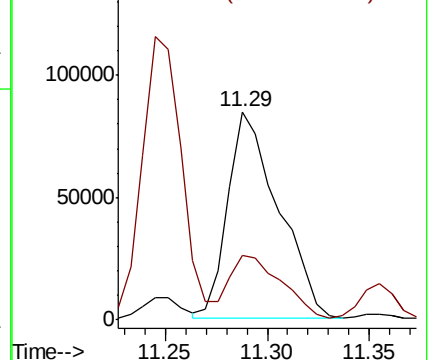
75 100

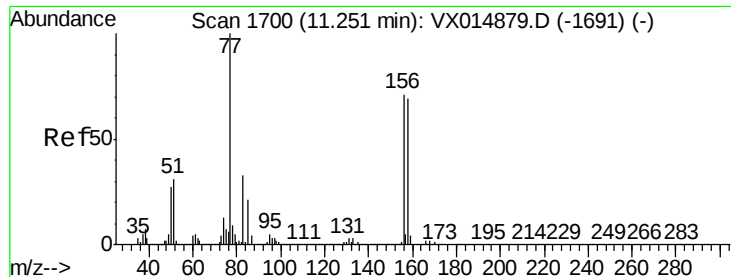
77 31.6 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.959 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

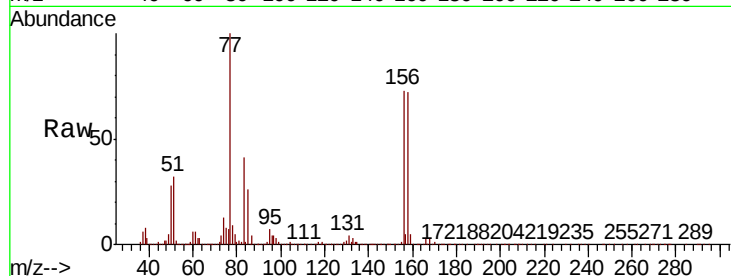
Tot Ion:156 Resp: 107422

Ion Ratio Lower Upper

156 100

77 146.0 74.0 222.0

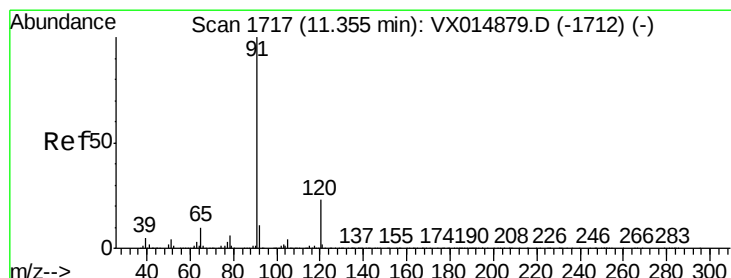
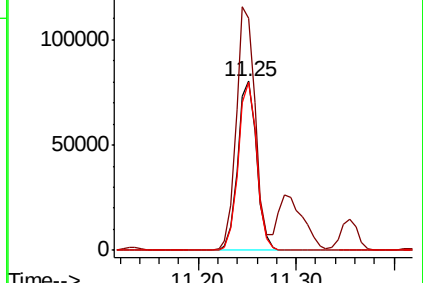
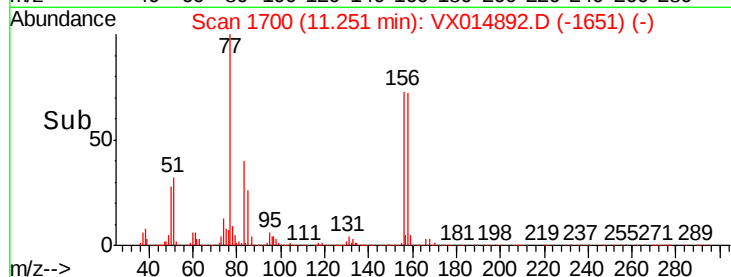
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.304 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014892.D

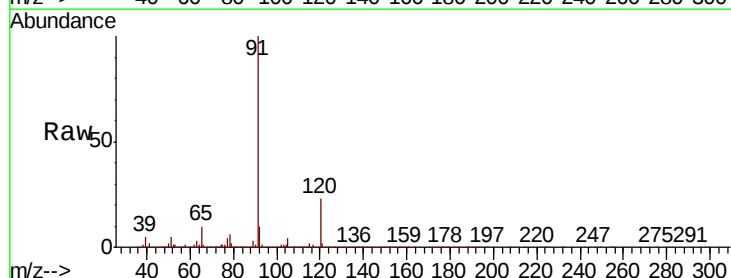
Acq: 10 Feb 2020 16:53

Tgt Ion: 91 Resp: 453243

Ion Ratio Lower Upper

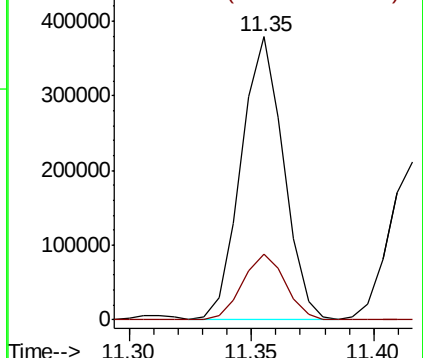
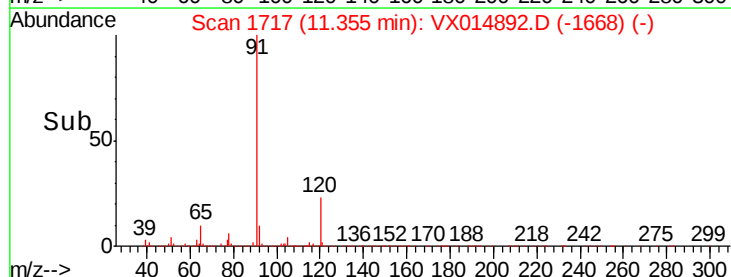
91 100

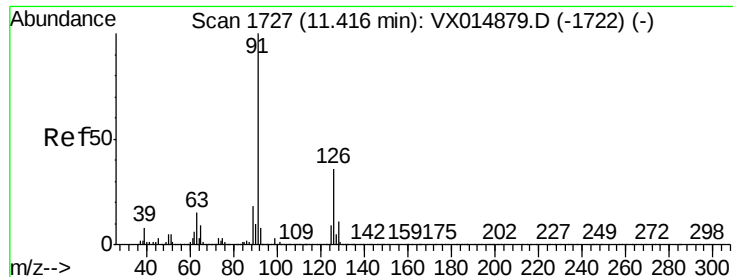
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

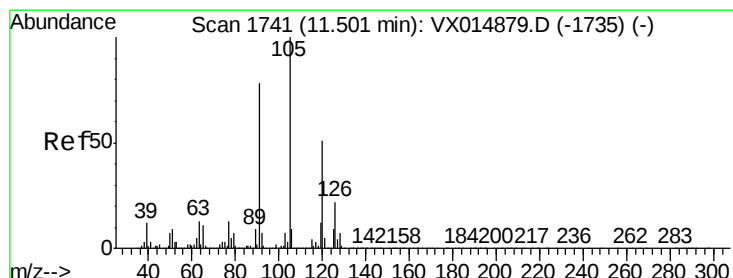
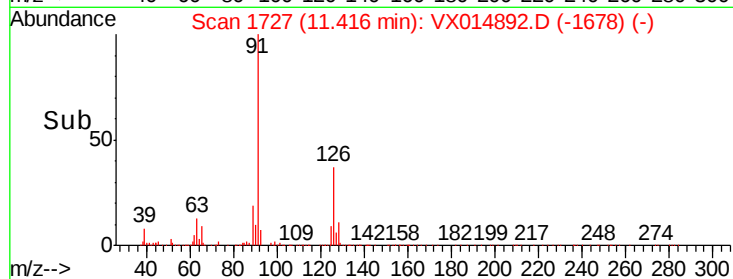
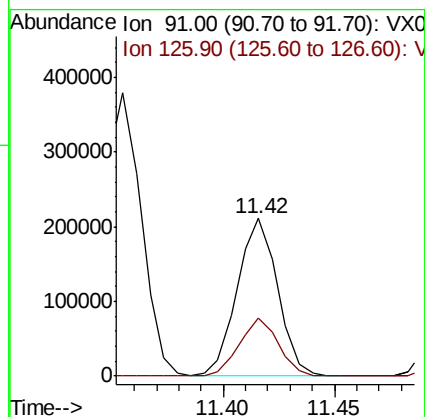
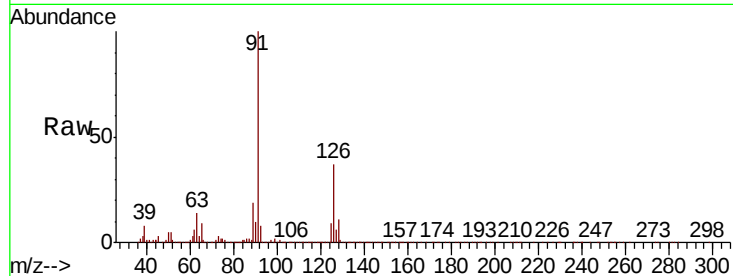




#79
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

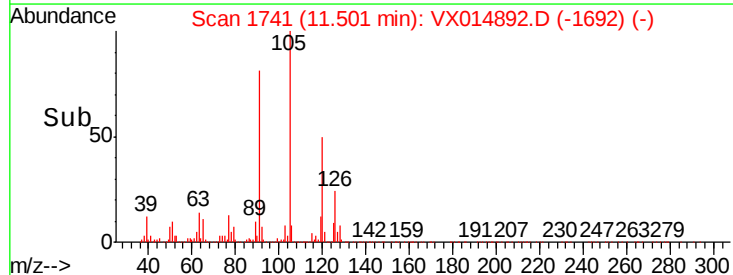
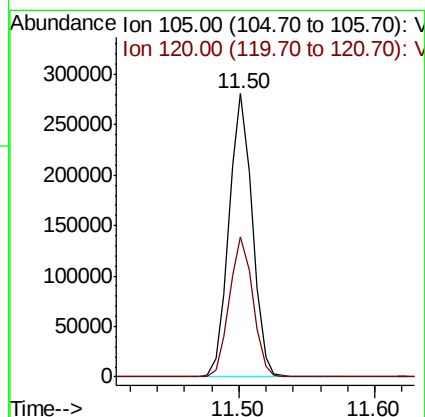
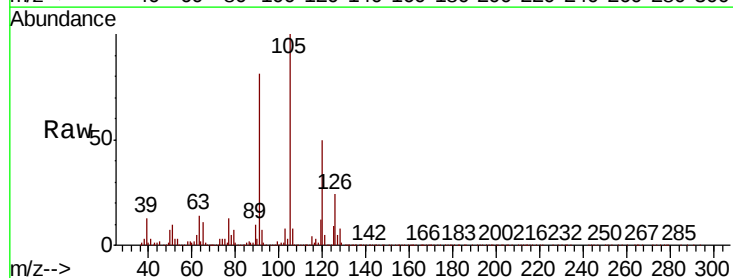
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion: 91 Resp: 266161
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.599 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 105 Resp: 332435
Ion Ratio Lower Upper
105 100
120 50.0 25.6 76.6

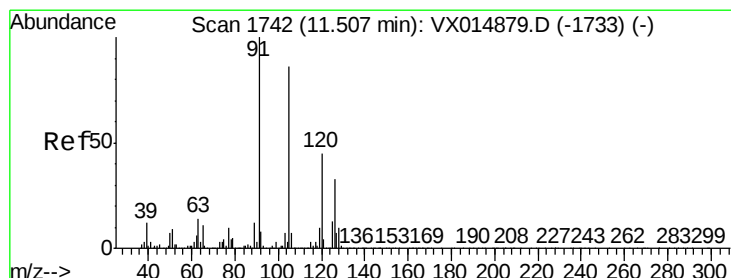
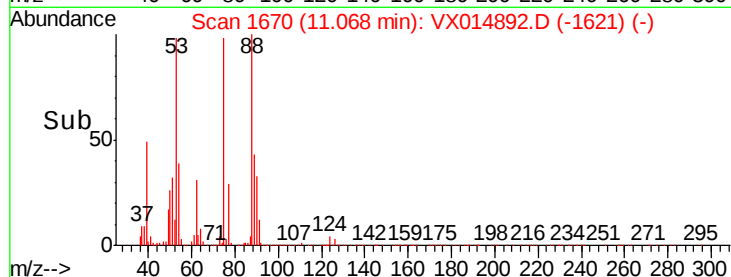
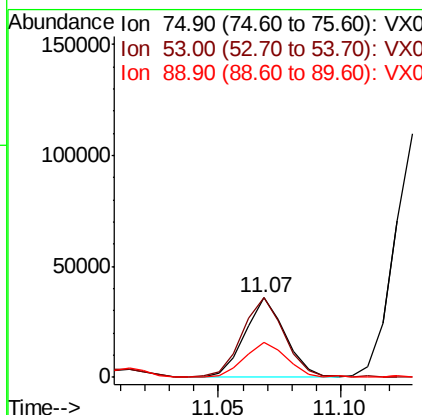
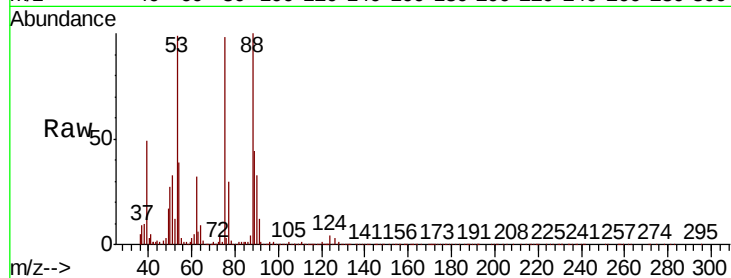




#81
trans-1,4-Dichloro-2-butene
Concen: 17.556 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

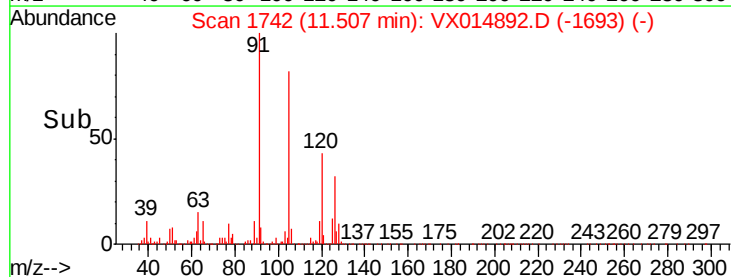
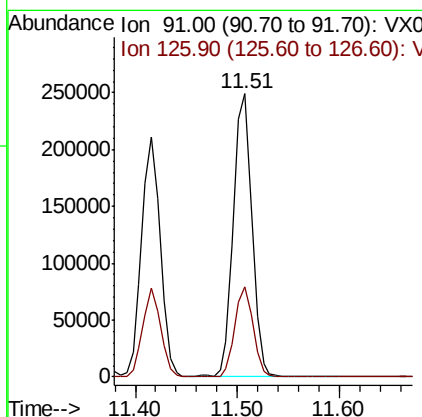
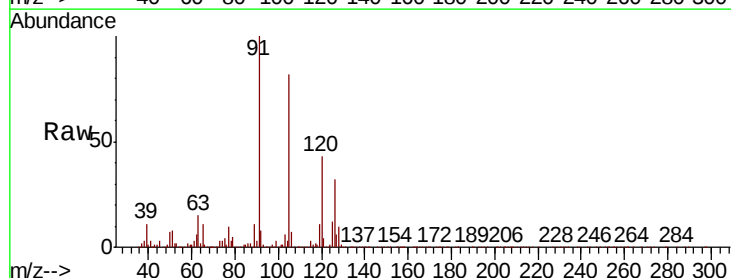
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

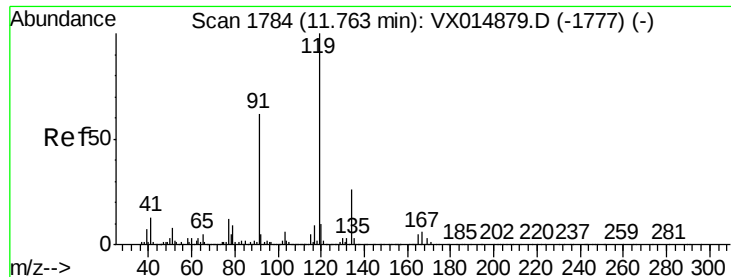
Tot Ion: 75 Resp: 40148
Ion Ratio Lower Upper
75 100
53 103.7 76.2 114.2
89 45.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.050 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 91 Resp: 311381
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

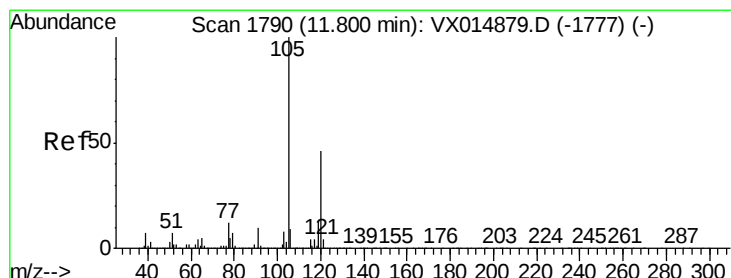
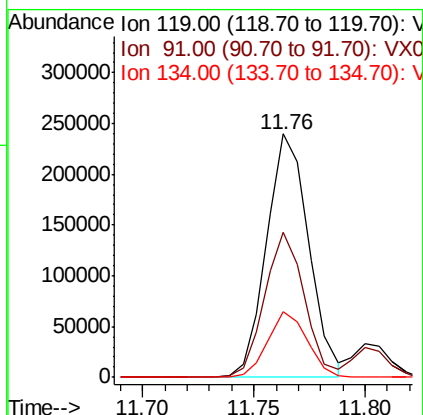
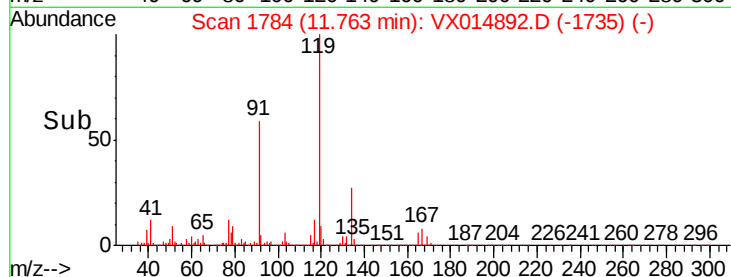
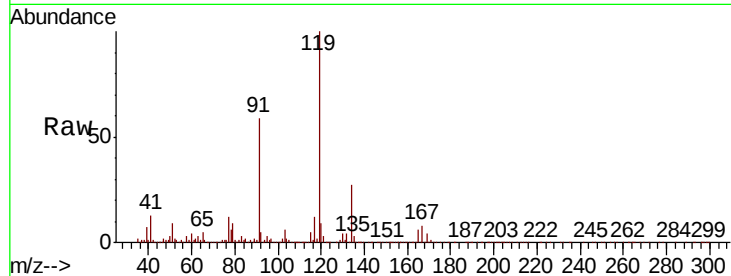




#83
tert-Butylbenzene
Concen: 19.602 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

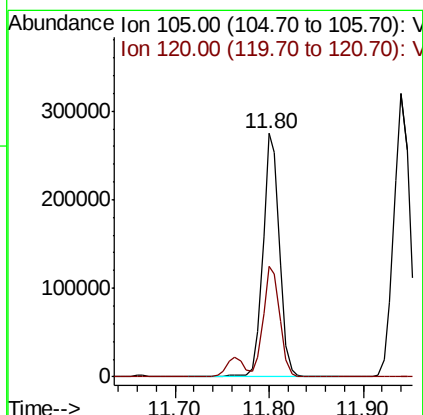
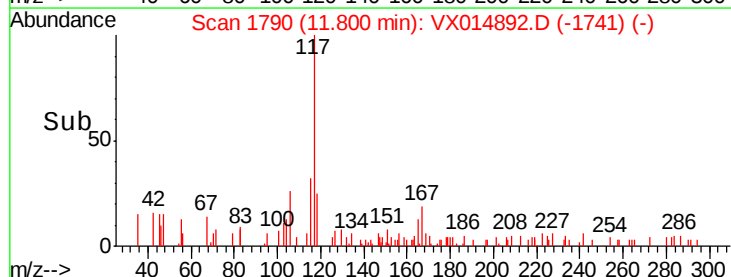
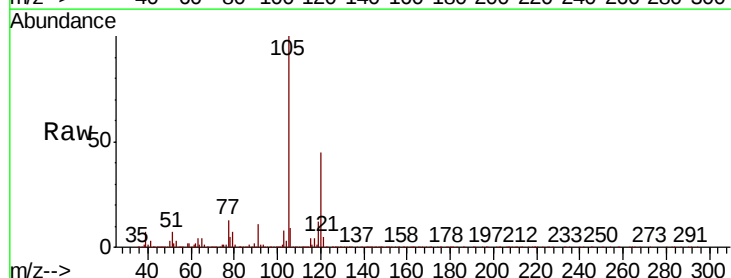
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

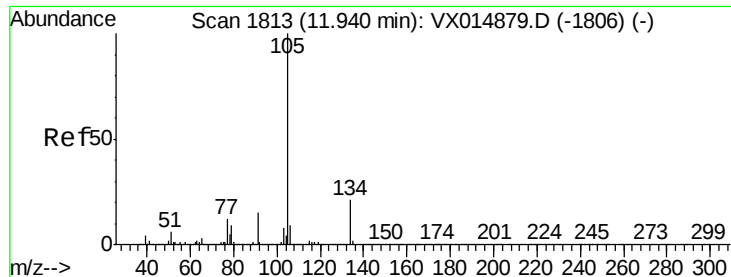
Tot Ion:119 Resp: 314845
Ion Ratio Lower Upper
119 100
91 56.3 29.5 88.6
134 25.5 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 19.759 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion:105 Resp: 337748
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.197 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

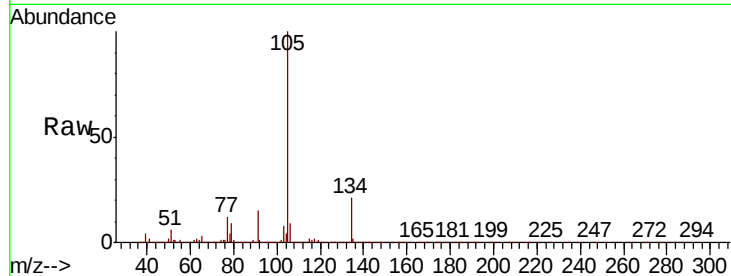
VX0210MBSD01

Tot Ion:105 Resp: 383042

Ion Ratio Lower Upper

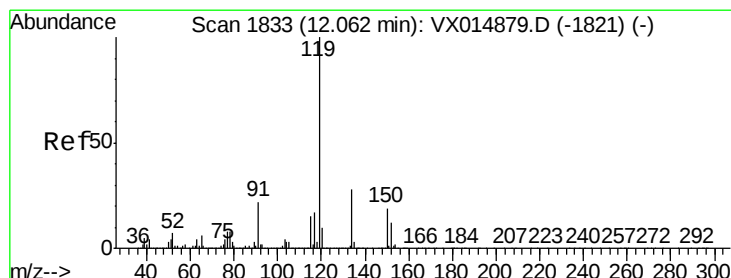
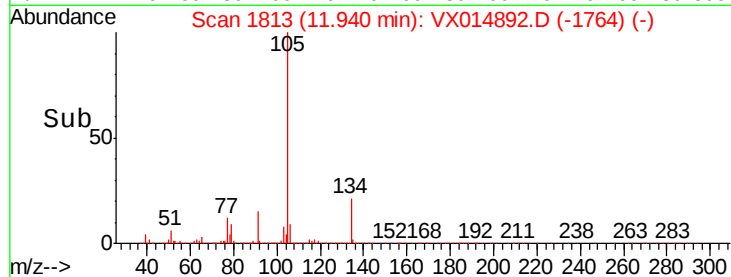
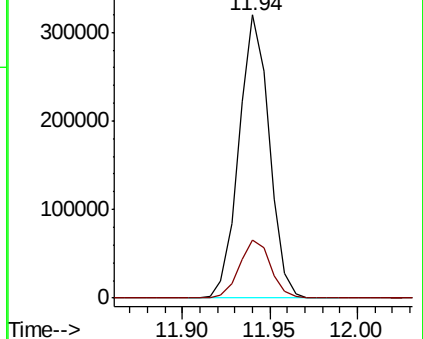
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.201 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

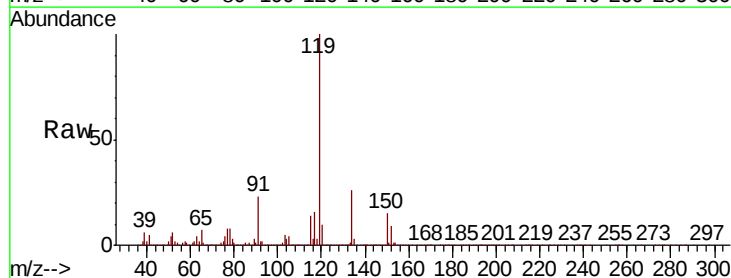
Tgt Ion:119 Resp: 358518

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

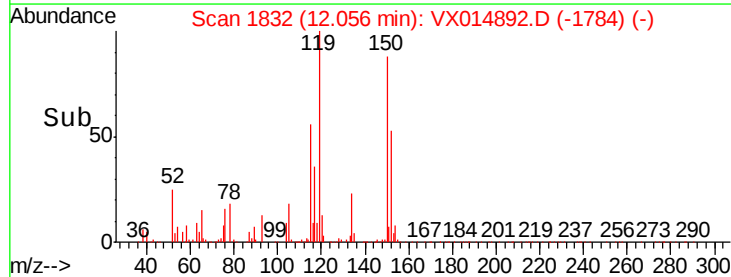
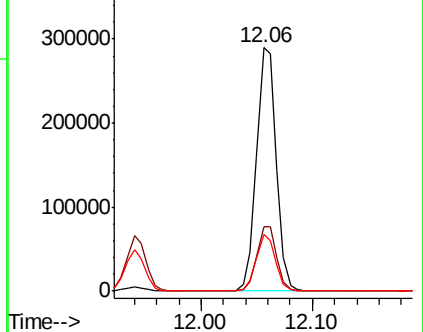
91 22.7 11.4 34.1

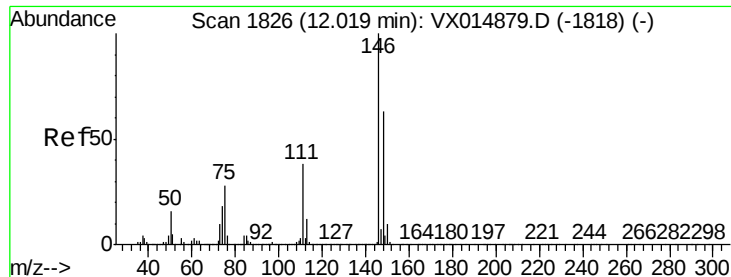


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

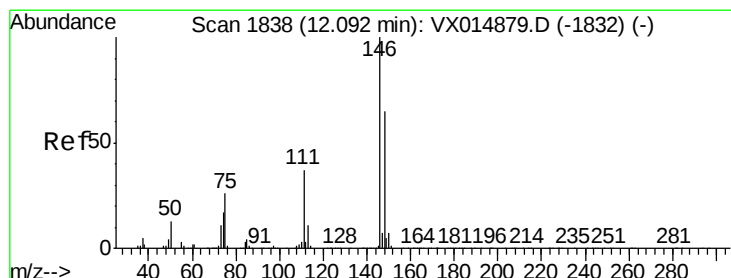
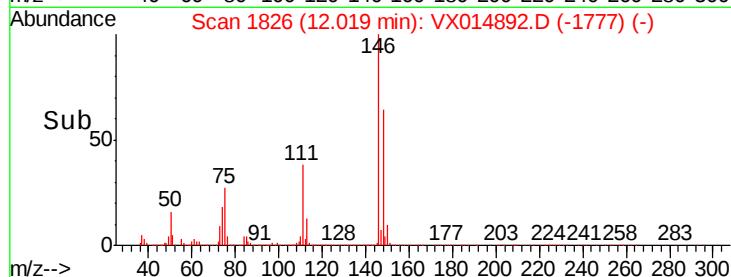
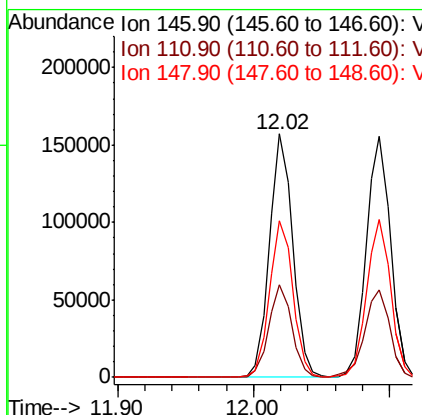
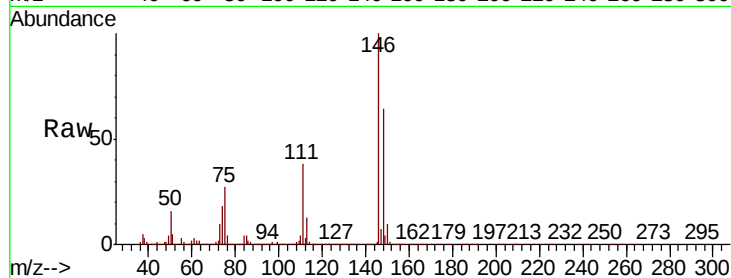




#87
 1,3-Dichlorobenzene
 Concen: 18.649 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

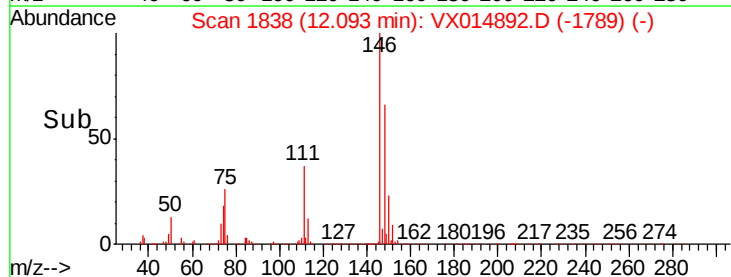
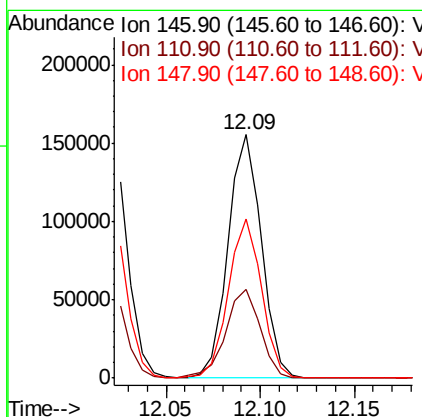
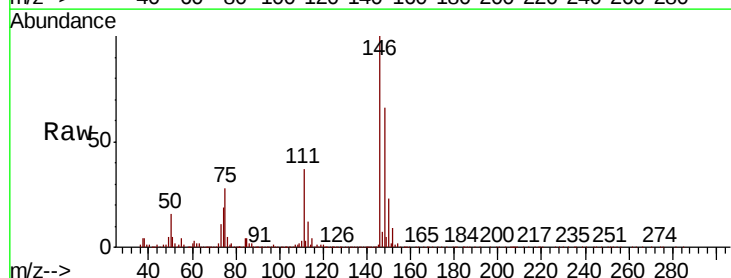
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBSD01

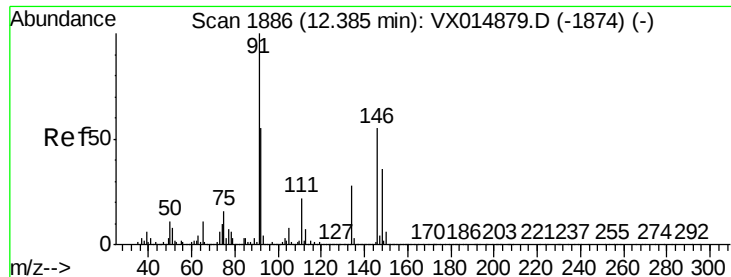
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.4	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.309 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	65.4	32.4	97.0

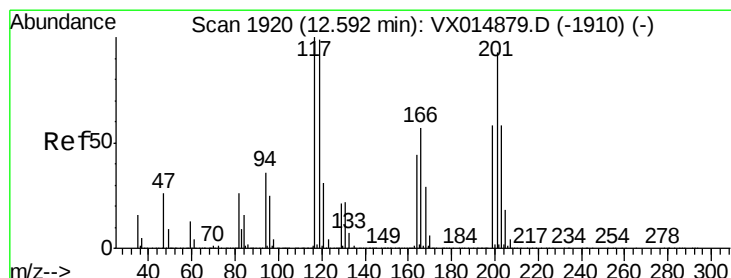
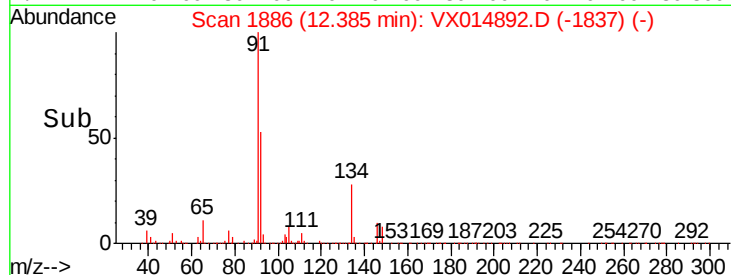
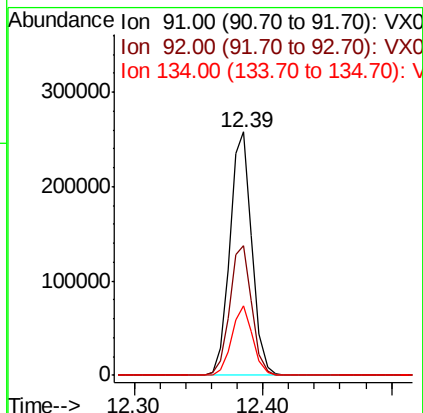
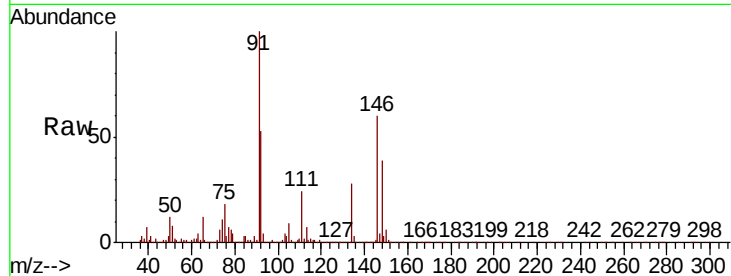




#89
n-Butylbenzene
Concen: 18.388 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

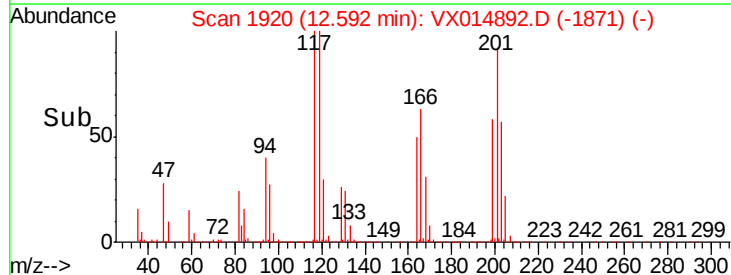
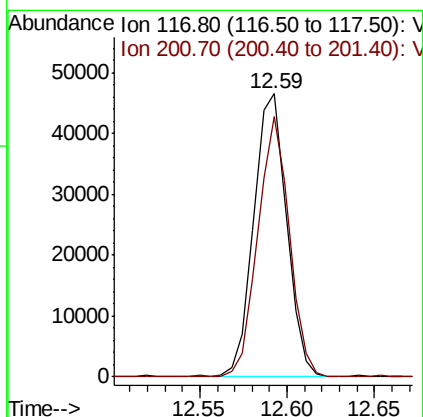
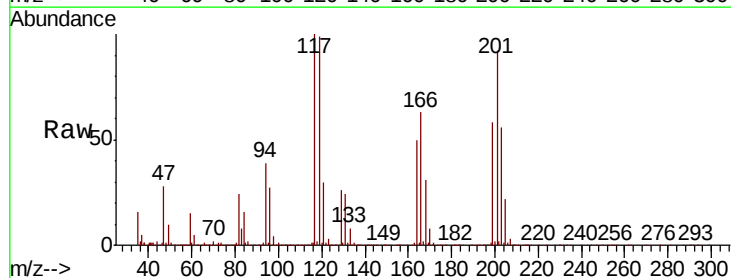
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

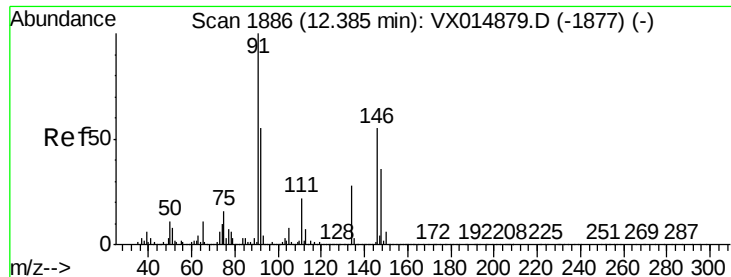
Tot Ion: 91 Resp: 307501
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.8
134 27.3 13.8 41.4



#90
Hexachloroethane
Concen: 18.604 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion: 117 Resp: 60663
Ion Ratio Lower Upper
117 100
201 88.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.108 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBSD01

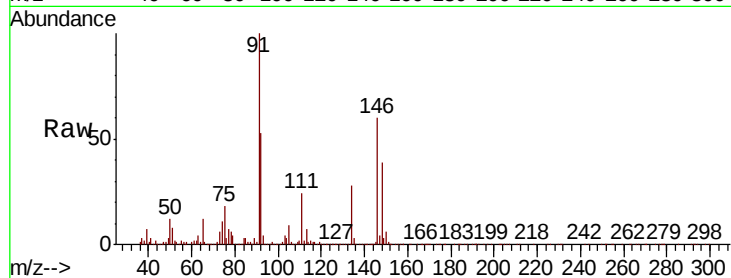
Tot Ion:146 Resp: 190469

Ion Ratio Lower Upper

146 100

111 38.5 19.8 59.3

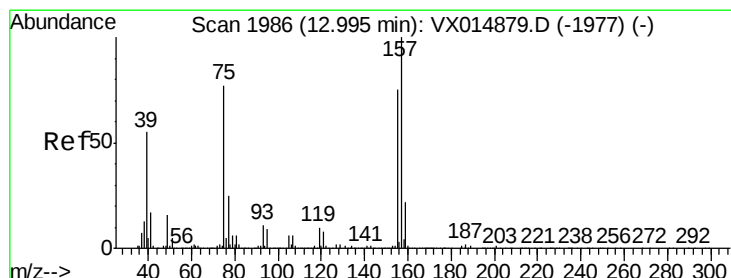
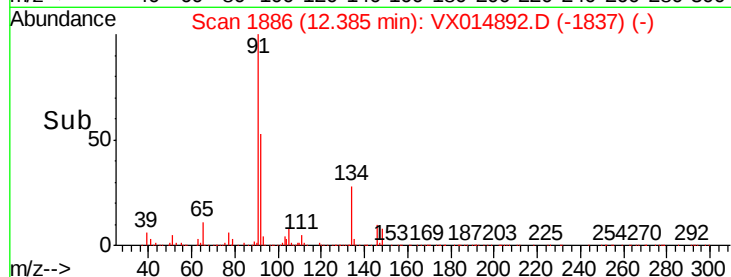
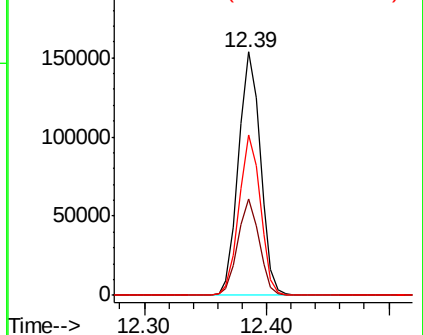
148 64.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.749 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014892.D

Acq: 10 Feb 2020 16:53

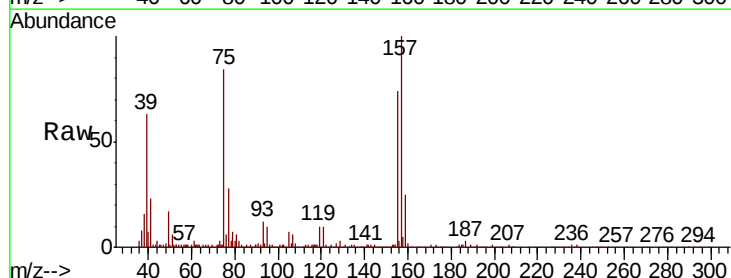
Tgt Ion: 75 Resp: 27632

Ion Ratio Lower Upper

75 100

155 93.9 48.6 145.9

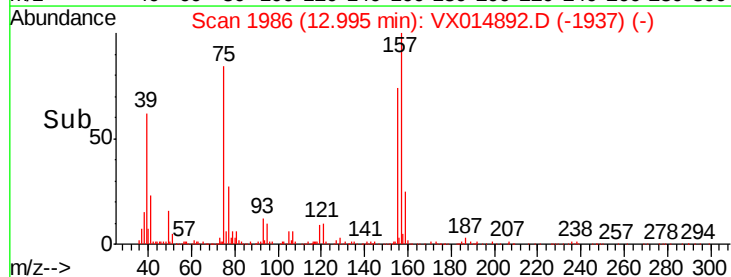
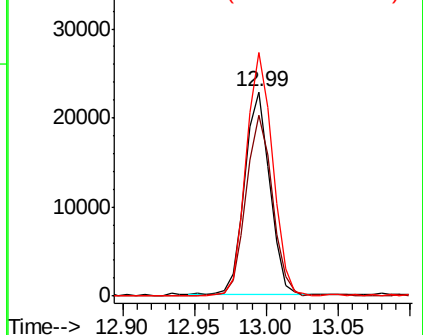
157 125.5 62.0 186.0

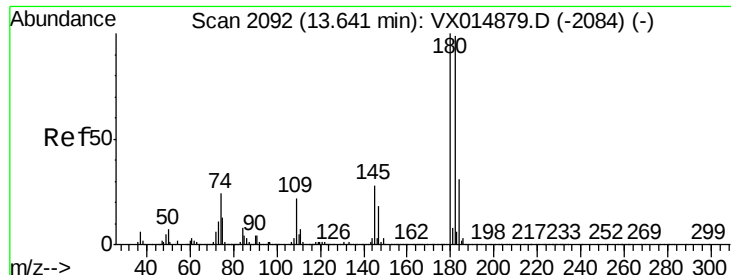


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

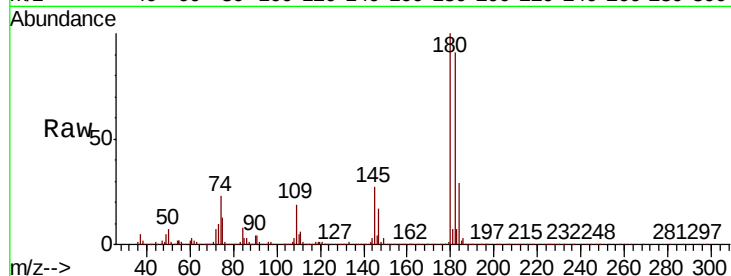




#93
 1,2,4-Trichlorobenzene
 Concen: 18.503 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.3
145	28.1	14.1	42.4

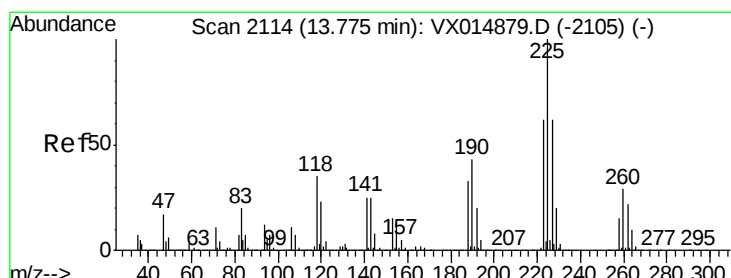
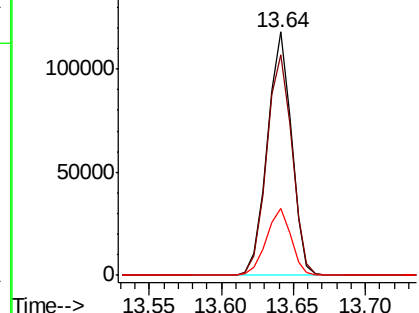
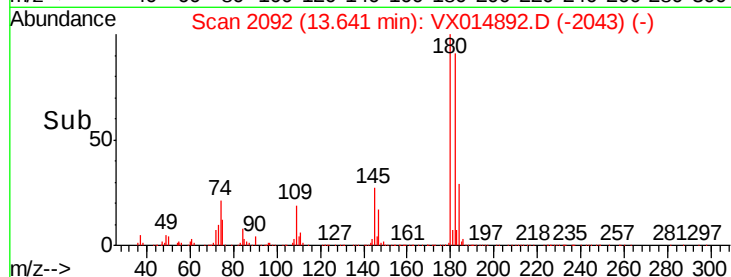


Abundance

Ion 179.80 (179.50 to 180.50): V

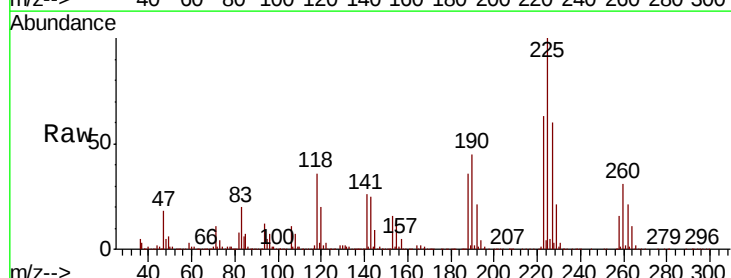
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.248 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014892.D
 Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	63.0	30.9	92.5

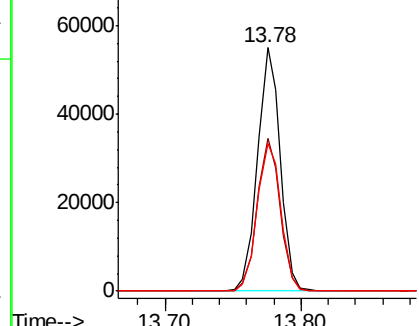
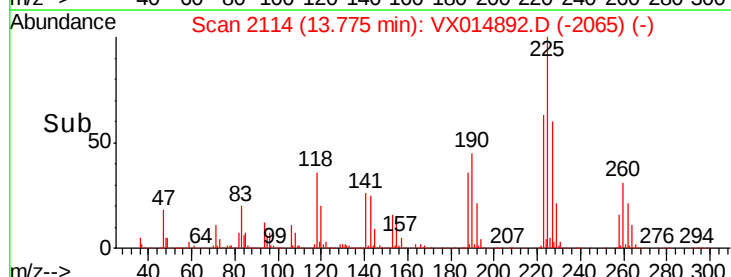


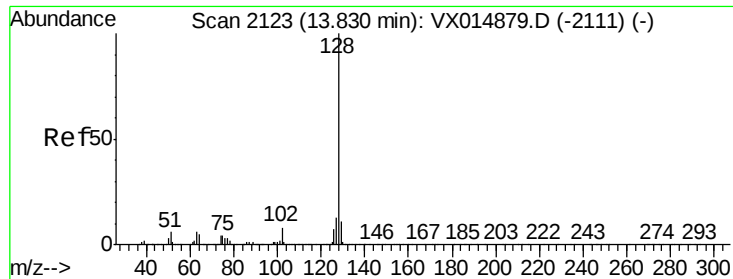
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

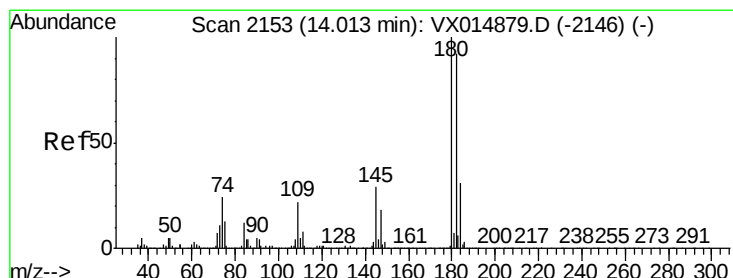
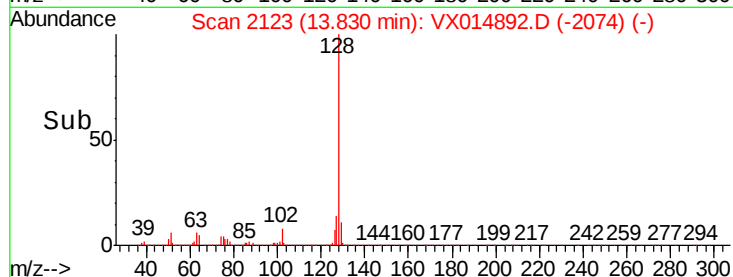
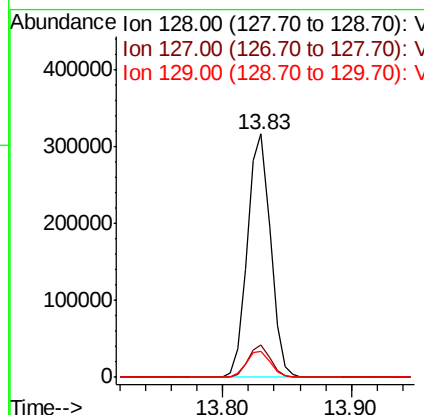
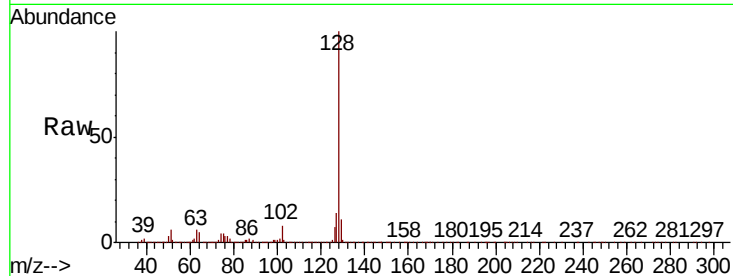




#95
Naphthalene
Concen: 19.888 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.981 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014892.D
Acq: 10 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	29.9	14.5	43.5

