

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019476.D
 Acq On : 19 Nov 2020 19:18
 Operator : JC/MD
 Sample : VX1120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

Quant Time: Nov 20 01:36:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46021	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254746	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	237017	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100305	30.33	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.10%
60) 4-Bromofluorobenzene	11.12	95	115663	29.92	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.73%
63) Toluene-d8	8.70	98	312827	29.61	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	48981	19.148	ug/l 99
3) Chloromethane	1.31	50	56237	19.772	ug/l 97
4) Vinyl Chloride	1.39	62	59220	18.893	ug/l 99
5) Bromomethane	1.62	94	24082	20.175	ug/l 97
6) Chloroethane	1.69	64	15709	17.626	ug/l 96
7) Trichlorofluoromethane	1.90	101	83808	18.765	ug/l 97
8) Diethyl Ether	2.17	74	34502	18.937	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.35	101	46259	18.292	ug/l 99
10) 1,1-Dichloroethene	2.35	96	47419	18.611	ug/l 97
11) Methyl Iodide	2.48	142	54202	16.795	ug/l 98
12) Methyl Acetate	2.75	43	58633	19.193	ug/l 94
13) Acrolein	2.28	56	40562	88.795	ug/l 98
14) Acrylonitrile	3.12	53	145998	97.979	ug/l 99
15) Acetone	2.43	58	40275	93.082	ug/l 98
16) Carbon Disulfide	2.54	76	125305	18.580	ug/l 99
17) Allyl chloride	2.70	41	72083	18.820	ug/l 99
18) Methylene Chloride	2.83	84	59087	19.174	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	53641	18.850	ug/l 98
20) Diisopropyl ether	3.82	45	157186	19.113	ug/l 98
21) 1,1-Dichloroethane	3.67	63	94803	18.943	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	62356	18.933	ug/l 99
23) tert-Butyl Alcohol	3.04	59	66832	104.434	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	168443	19.228	ug/l 100
25) Chloroform	5.17	83	98960	18.826	ug/l 97
26) Cyclohexane	5.54	56	79616	18.584	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	71412	18.245	ug/l 98
30) 2-Butanone	4.64	43	187065	94.609	ug/l 99
31) 2,2-Dichloropropane	4.54	77	78471	17.837	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	84385	18.377	ug/l 99
33) Carbon Tetrachloride	5.74	117	69905	17.938	ug/l 97
34) Benzene	6.11	78	228212	18.766	ug/l 99
35) Methacrylonitrile	5.01	41	39223	19.235	ug/l 96
36) 1,2-Dichloroethane	6.16	62	79989	19.003	ug/l 99
37) Trichloroethene	7.18	130	58299	18.082	ug/l 100
38) Methylcyclohexane	7.44	83	85335	18.040	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55638	18.529	ug/l 98
40) Dibromomethane	7.63	93	38547	18.455	ug/l 97

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Instrument :
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 ClientSampleId :
 VX1120WBSD01

Quant Time: Nov 20 01:36:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	75034	18.279	ug/l	98
42) Vinyl Acetate	3.78	43	667912	93.912	ug/l	99
43) Ethyl Acetate	4.79	43	74571	19.594	ug/l	99
44) Isopropyl Acetate	6.42	43	117151	18.967	ug/l	100
45) 1,4-Dioxane	7.72	88	26946	389.190	ug/l	96
46) Methyl methacrylate	7.74	41	58001	19.186	ug/l	97
47) n-amyl Acetate	10.88	43	95120	18.454	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	81282	18.237	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	89924	18.264	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	58000	18.542	ug/l	94
51) Ethyl methacrylate	9.16	69	82751	18.486	ug/l	96
52) 1,3-Dichloropropane	9.35	76	99594	19.065	ug/l	99
53) Dibromochloromethane	9.56	129	56273	18.049	ug/l	98
54) 1,2-Dibromoethane	9.65	107	61147	18.908	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	232190	94.266	ug/l	99
56) Bromoform	10.84	173	38661	17.499	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	366603	96.818	ug/l	100
59) 2-Hexanone	9.48	43	275573	94.359	ug/l	100
61) Tetrachloroethene	9.32	164	58763	19.026	ug/l	93
62) Toluene	8.76	91	247670	18.682	ug/l	99
64) Chlorobenzene	10.12	112	151452	18.757	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	55134	18.548	ug/l	100
66) Ethyl Benzene	10.23	91	271012	18.657	ug/l	97
67) m/p-Xylenes	10.34	106	203471	37.400	ug/l	100
68) o-Xylene	10.68	106	97696	18.945	ug/l	98
69) Styrene	10.69	104	160037	18.215	ug/l	98
70) Isopropylbenzene	11.00	105	259620	18.572	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	89939	18.845	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	101593	23.679	ug/l	87
73) Bromobenzene	11.24	156	64840	18.596	ug/l	99
74) n-propylbenzene	11.34	91	305294	18.782	ug/l	99
75) 2-Chlorotoluene	11.40	91	182700	18.746	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	220600	18.624	ug/l	96
77) t-1,4-Dichloro-2-butene	11.06	75	25839	17.572	ug/l	97
78) 4-Chlorotoluene	11.49	91	211754	18.588	ug/l	99
79) tert-butylbenzene	11.76	119	207568	18.269	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	220168	18.495	ug/l	99
81) sec-Butylbenzene	11.93	105	252726	18.530	ug/l	100
82) p-Isopropyltoluene	12.05	119	226643	18.274	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	120007	18.659	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	120970	18.588	ug/l	99
85) n-Butylbenzene	12.37	91	201837	17.834	ug/l	97
86) Hexachloroethane	12.58	117	36534	17.502	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	116580	18.332	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	17675	17.619	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	74056	17.448	ug/l	99
90) Hexachlorobutadiene	13.76	225	34454	18.059	ug/l	99
91) Naphthalene	13.82	128	238787	17.686	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	76301	17.982	ug/l	99

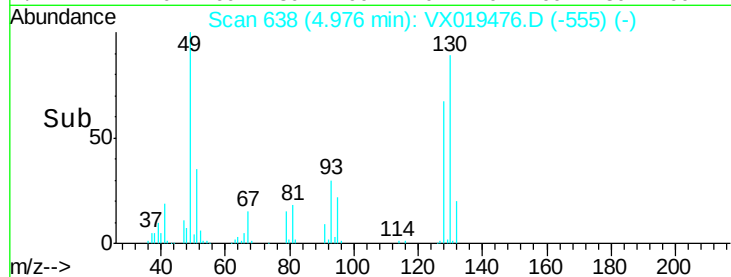
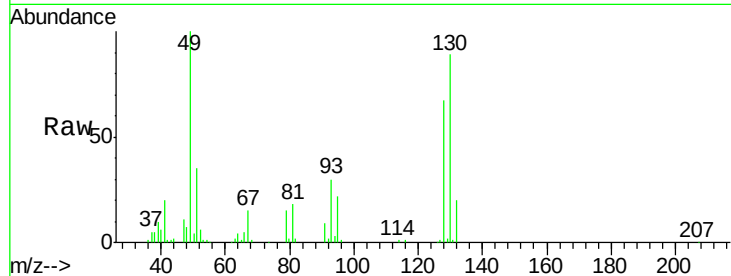
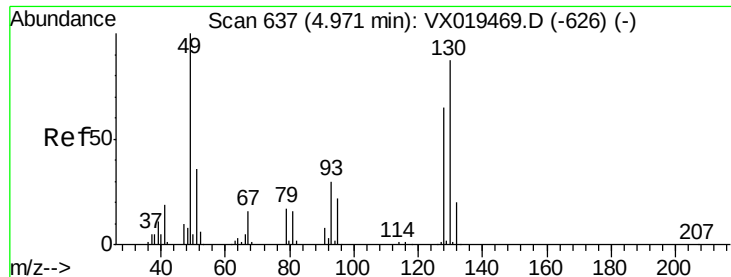
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
Data File : VX019476.D
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Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Nov 20 01:36:40 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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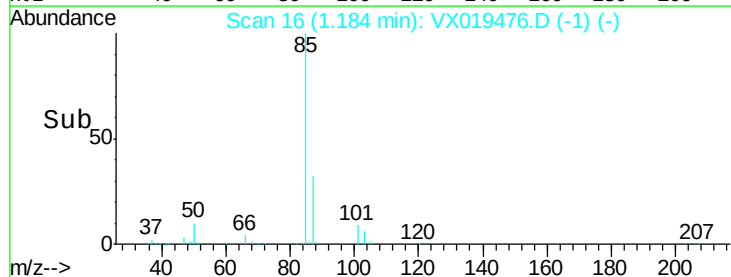
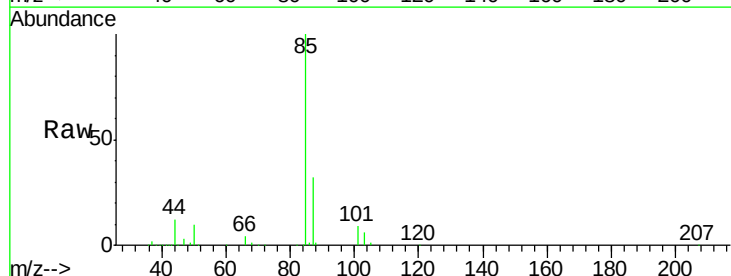
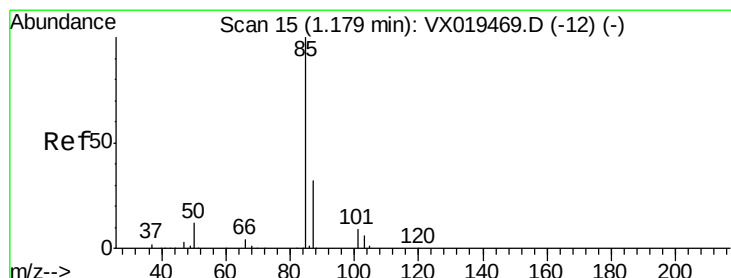
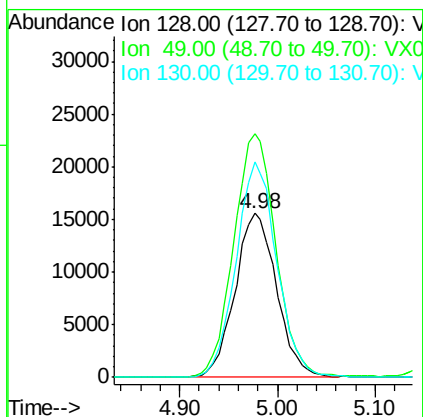
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

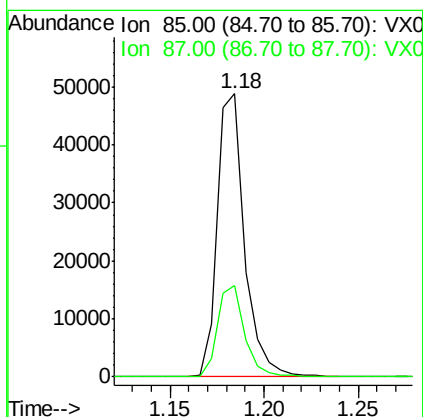
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

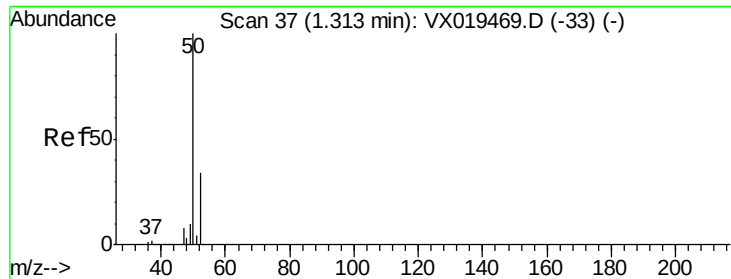
Tot Ion:128 Resp: 46021
Ion Ratio Lower Upper
128 100
49 150.6 0.0 377.8
130 129.0 0.0 324.0



#2
Dichlorodifluoromethane
Concen: 19.148 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 85 Resp: 48981
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9





#3

Chloromethane

Concen: 19.772 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

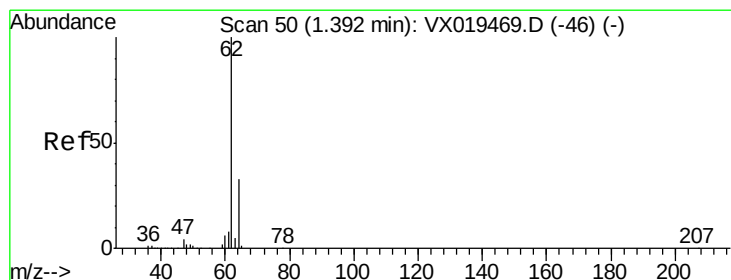
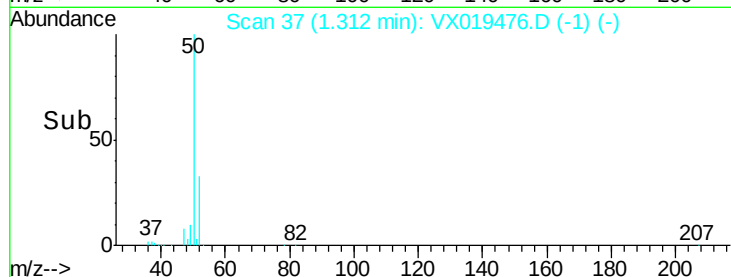
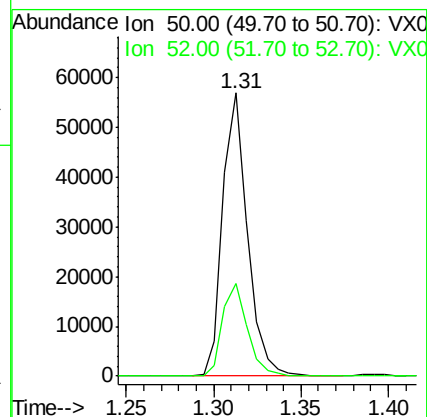
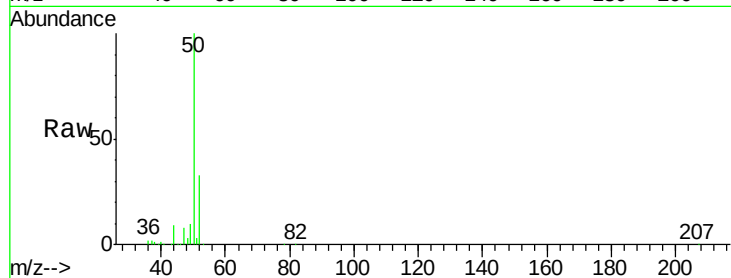
VX1120WBSD01

Tot Ion: 50 Resp: 56237

Ion Ratio Lower Upper

50 100

52 32.7 27.5 41.3



#4

Vinyl Chloride

Concen: 18.893 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019476.D

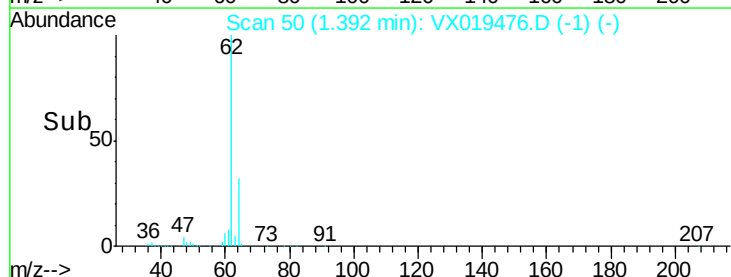
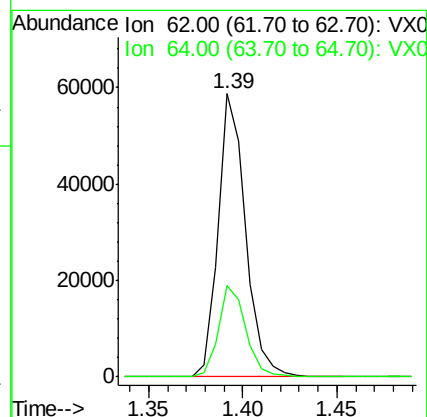
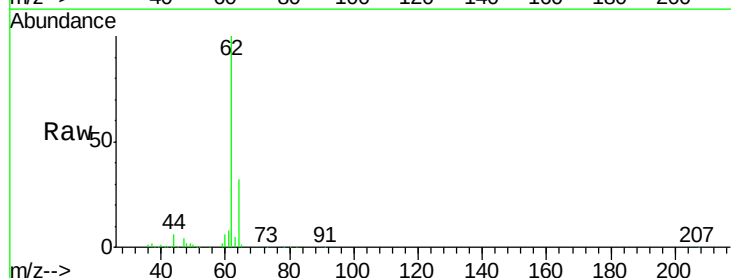
Acq: 19 Nov 2020 19:18

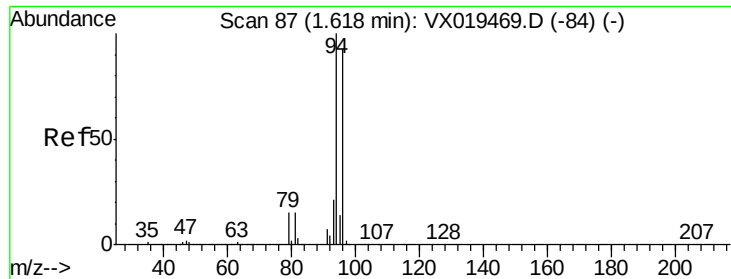
Tgt Ion: 62 Resp: 59220

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 20.175 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

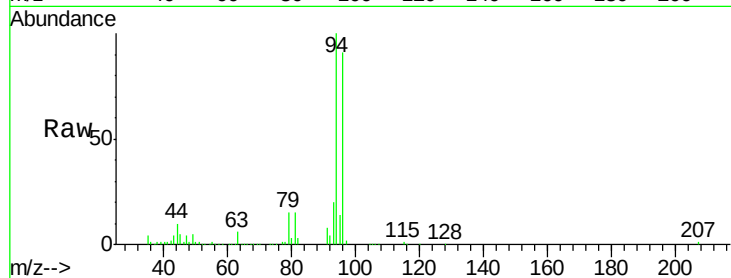
VX1120WBSD01

Tot Ion: 94 Resp: 24082

Ion Ratio Lower Upper

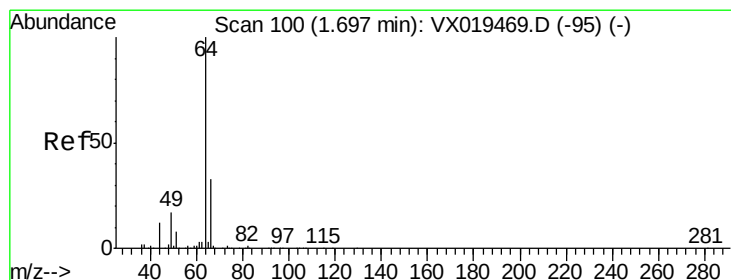
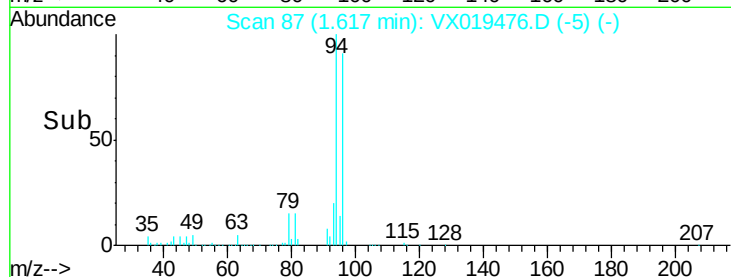
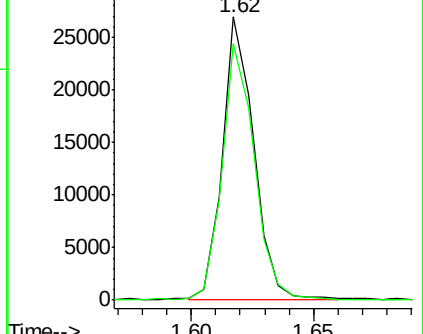
94 100

96 90.6 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.626 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019476.D

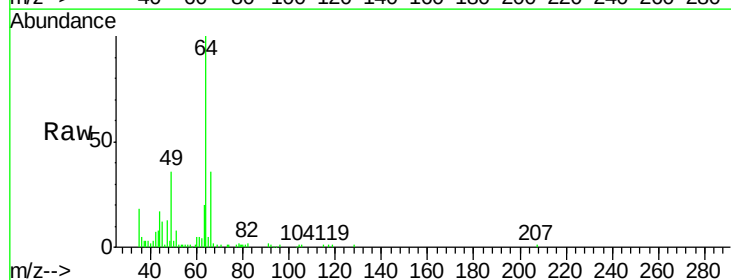
Acq: 19 Nov 2020 19:18

Tgt Ion: 64 Resp: 15709

Ion Ratio Lower Upper

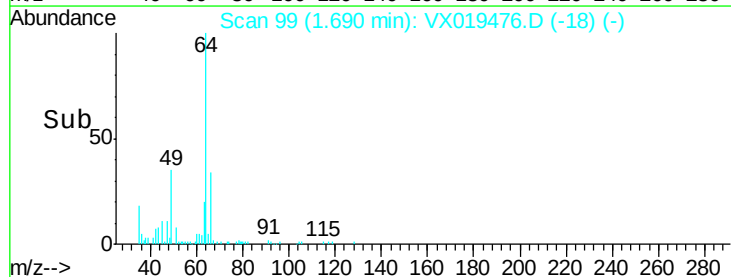
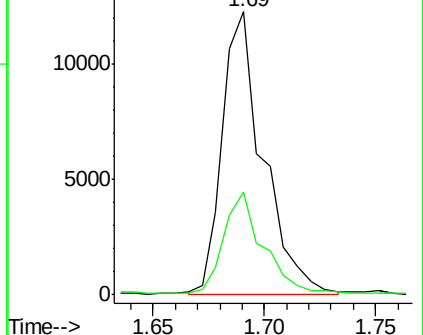
64 100

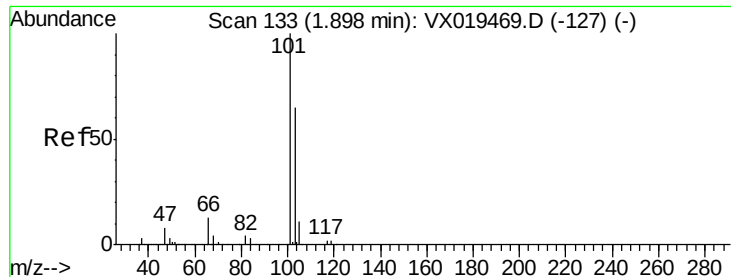
66 35.7 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



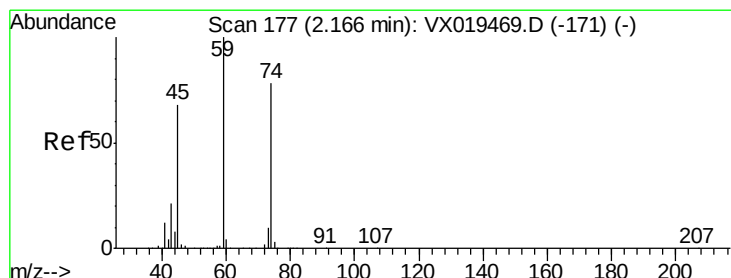
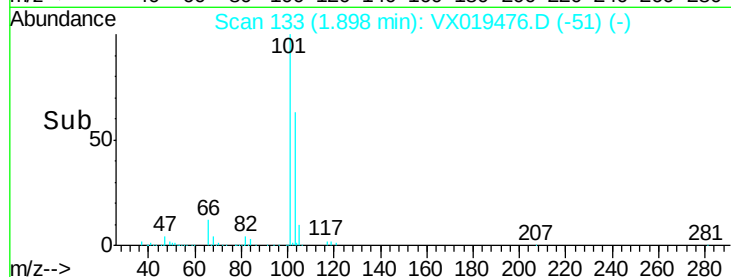
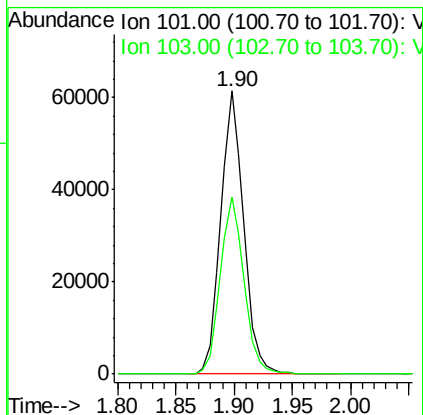
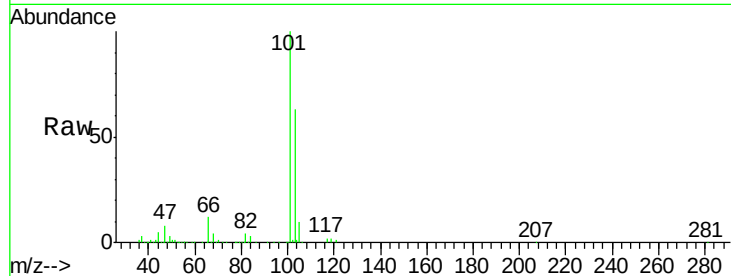


#7

Trichlorofluoromethane
Concen: 18.765 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019476.D
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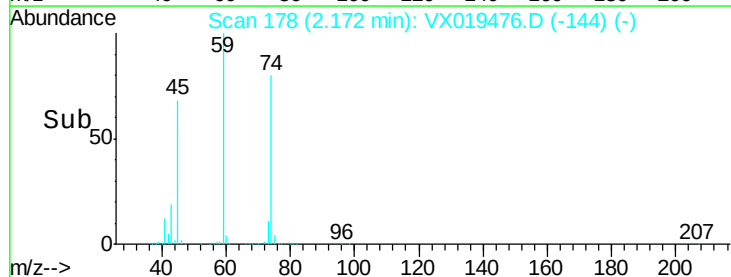
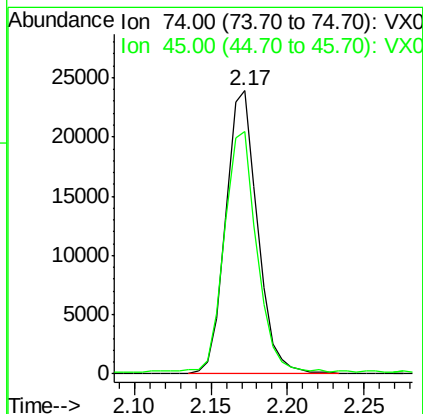
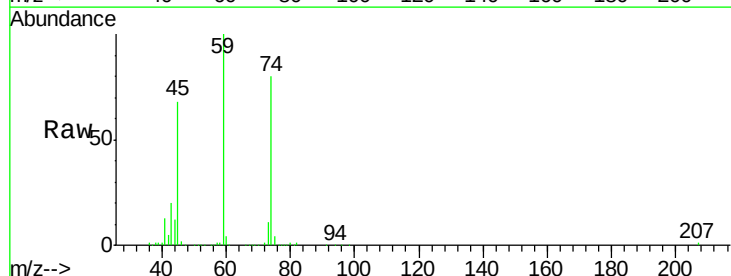
Tot Ion:101 Resp: 83808
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.6

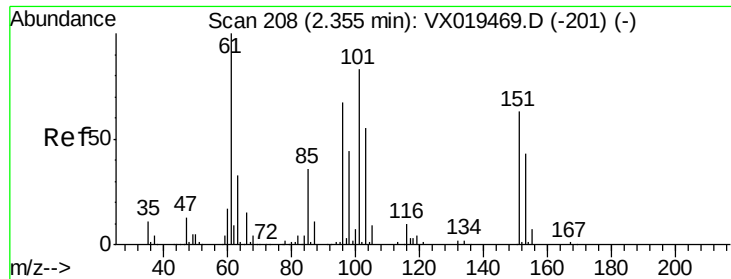


#8

Diethyl Ether
Concen: 18.937 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 74 Resp: 34502
Ion Ratio Lower Upper
74 100
45 86.3 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.292 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

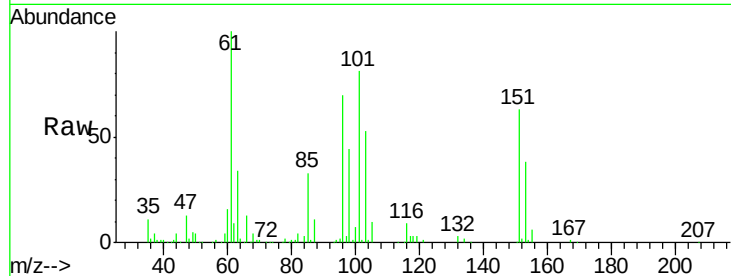
Tot Ion:101 Resp: 46259

Ion Ratio Lower Upper

101 100

85 43.1 0.0 88.8

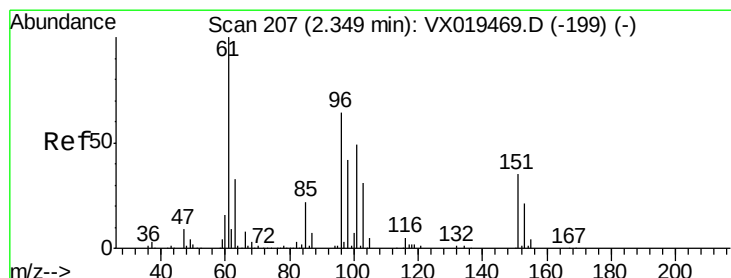
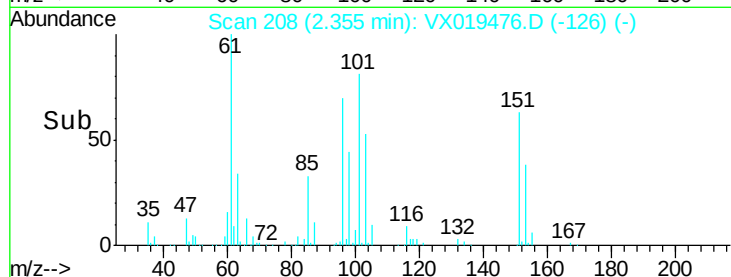
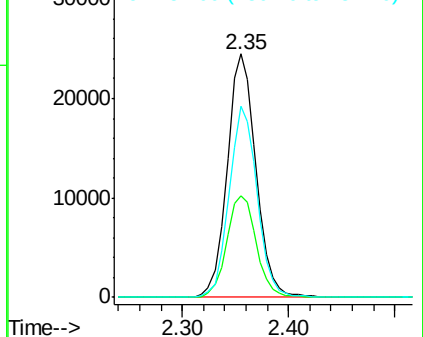
151 76.6 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.611 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

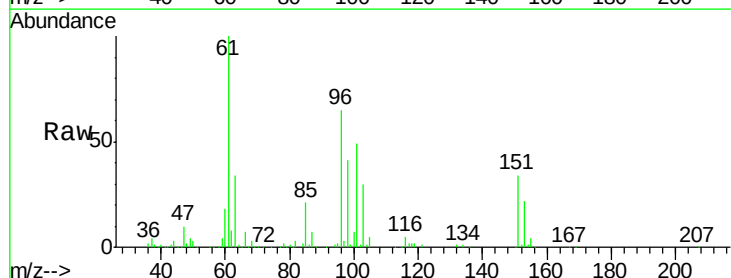
Tgt Ion: 96 Resp: 47419

Ion Ratio Lower Upper

96 100

61 152.7 125.4 188.2

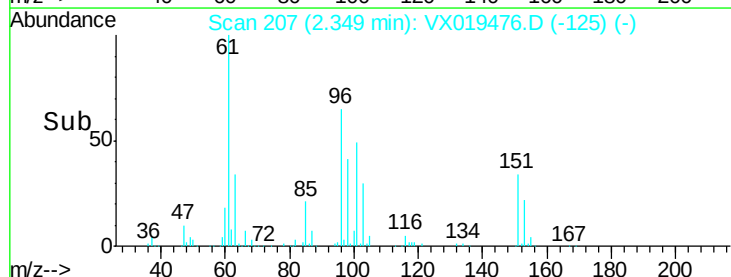
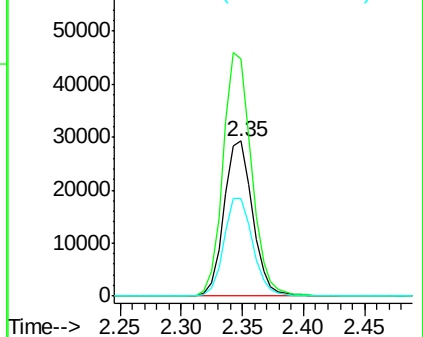
98 62.6 52.4 78.6

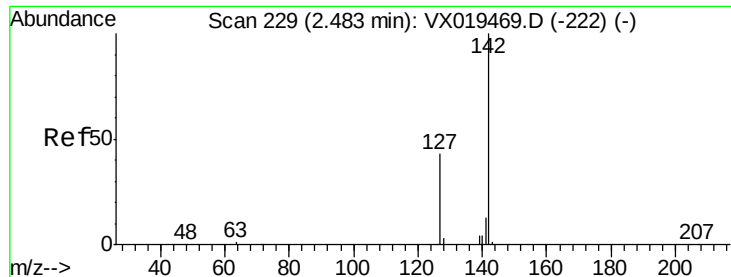


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

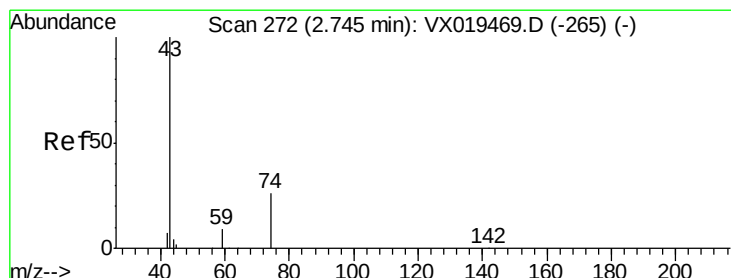
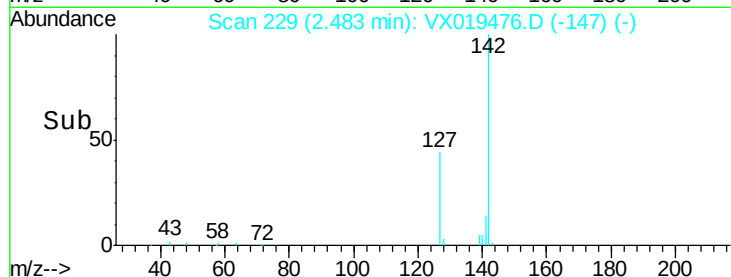
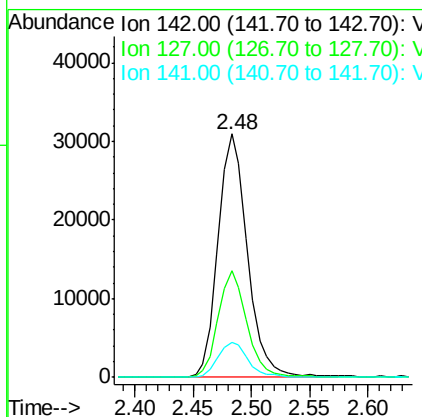
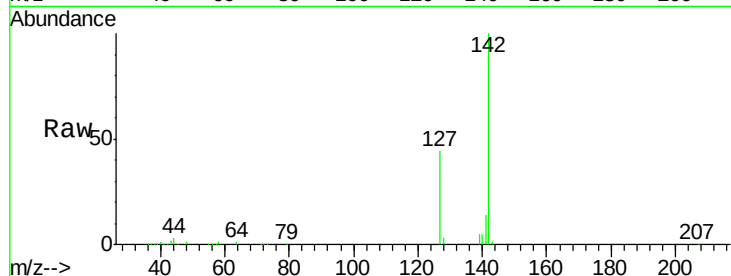




#11
Methvl Iodide
Concen: 16.795 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

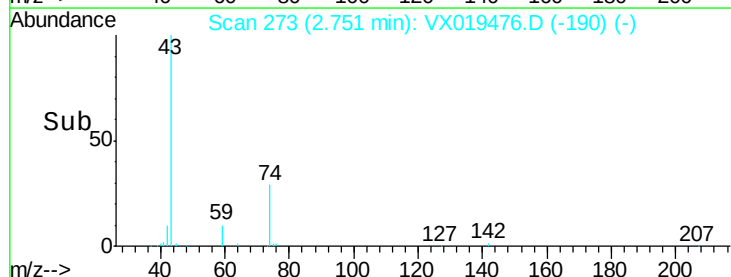
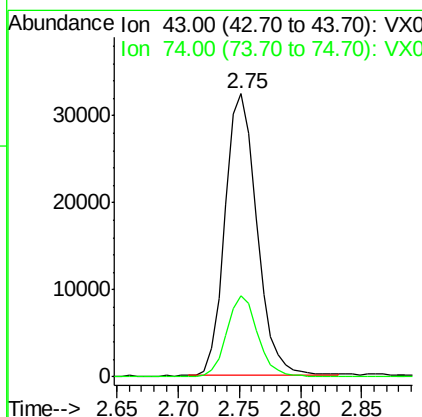
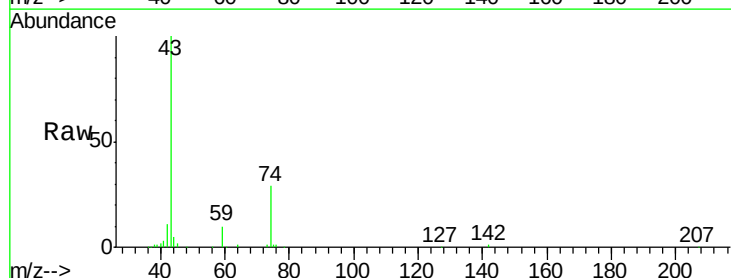
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

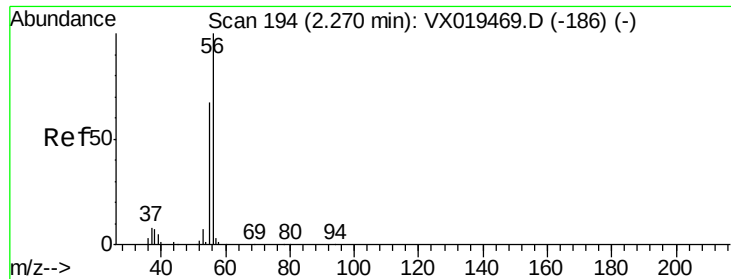
Tot Ion:142 Resp: 54202
Ion Ratio Lower Upper
142 100
127 44.1 21.3 64.0
141 14.1 6.7 20.0



#12
Methyl Acetate
Concen: 19.193 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 43 Resp: 58633
Ion Ratio Lower Upper
43 100
74 28.8 20.7 31.1





#13

Acrolein

Concen: 88.795 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

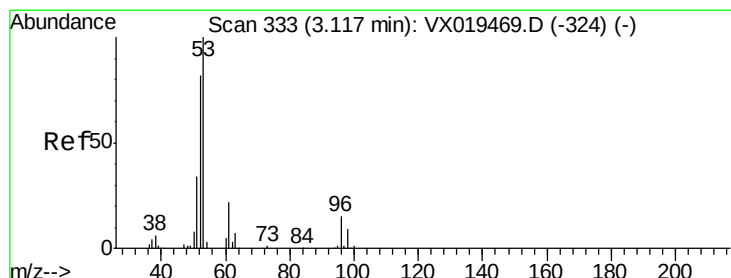
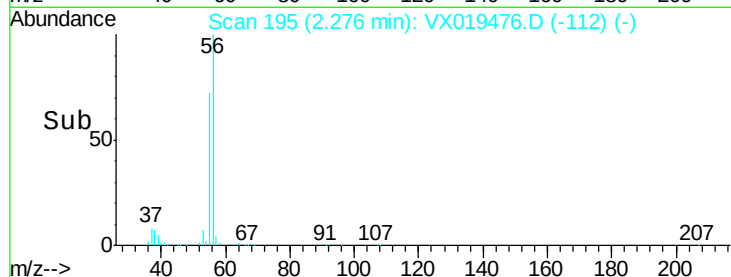
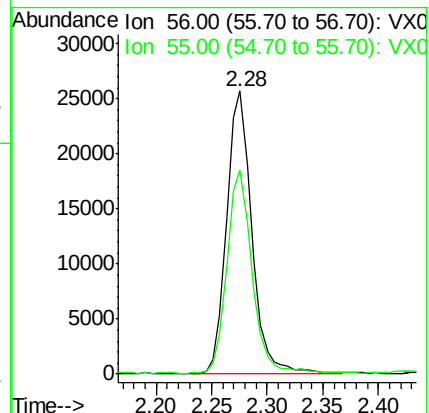
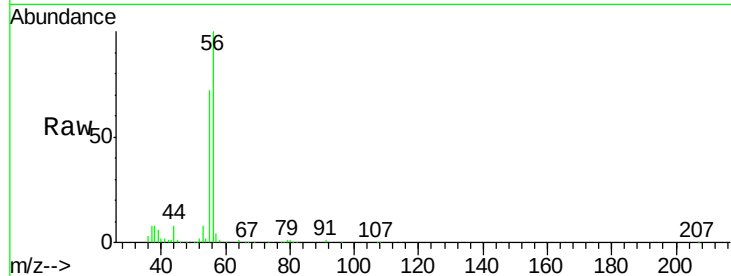
VX1120WBSD01

Tot Ion: 56 Resp: 40562

Ion Ratio Lower Upper

56 100

55 69.1 56.5 84.7



#14

Acrylonitrile

Concen: 97.979 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

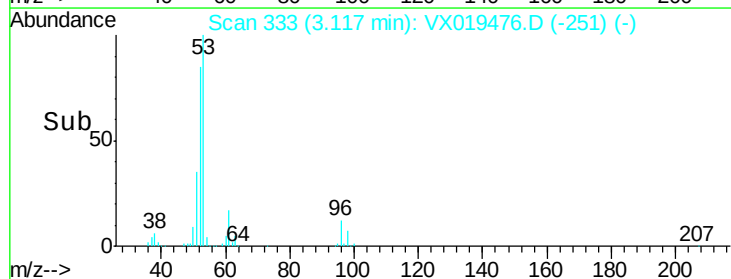
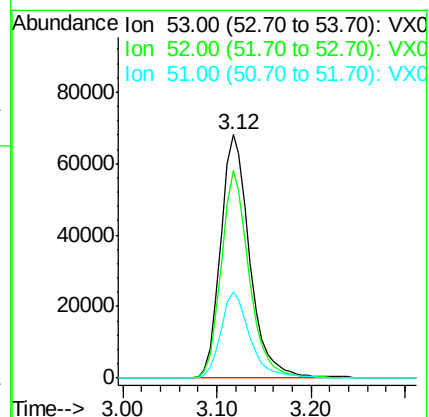
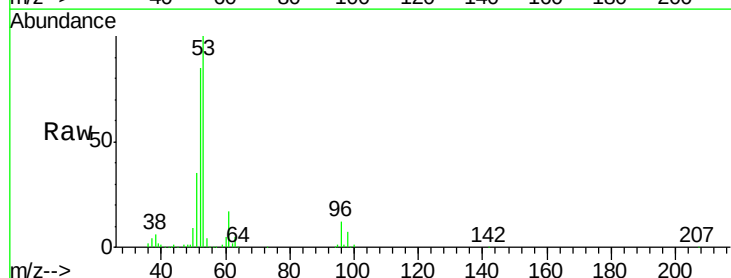
Tgt Ion: 53 Resp: 145998

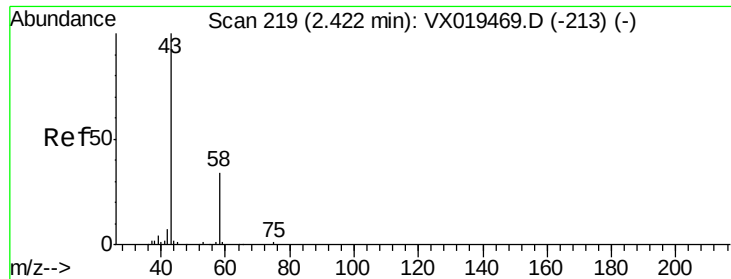
Ion Ratio Lower Upper

53 100

52 81.8 41.3 123.7

51 34.8 17.8 53.3

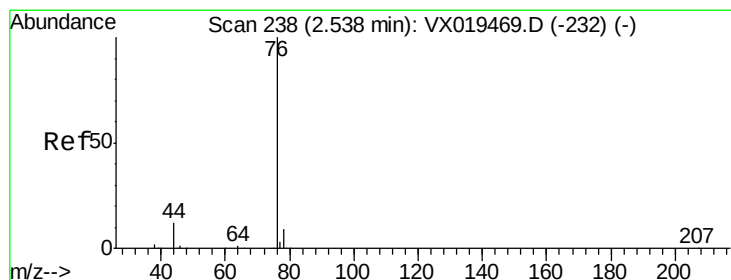
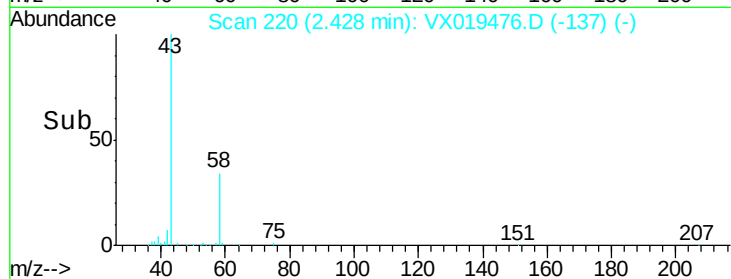
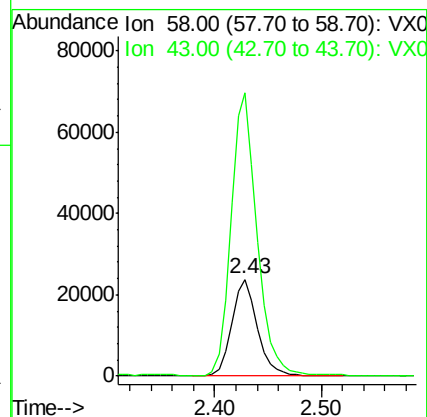
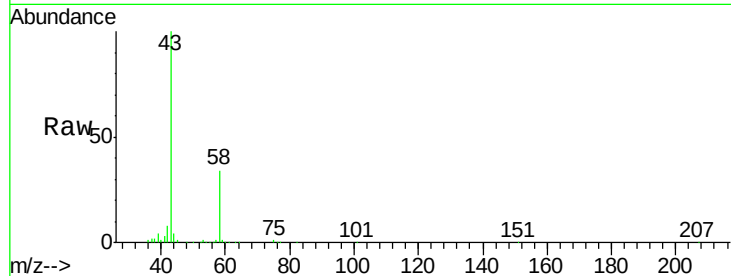




#15
Acetone
Concen: 93.082 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

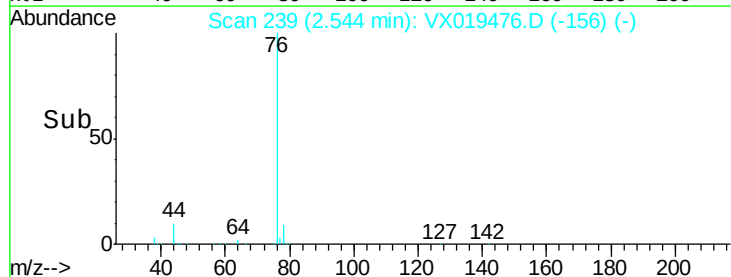
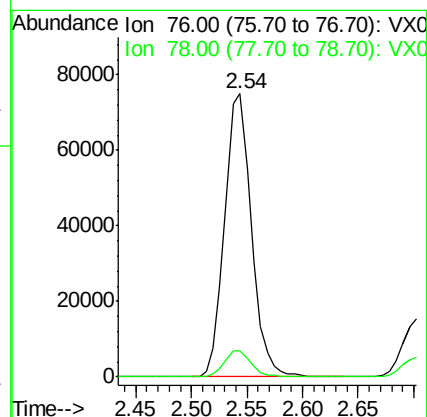
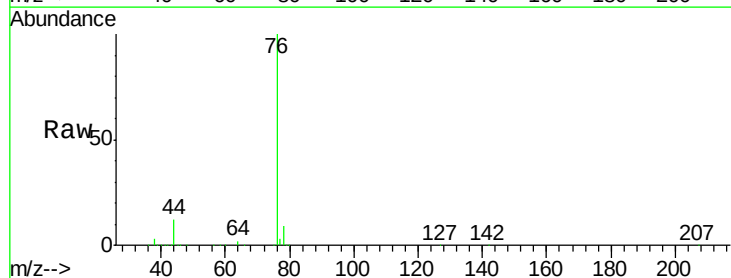
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

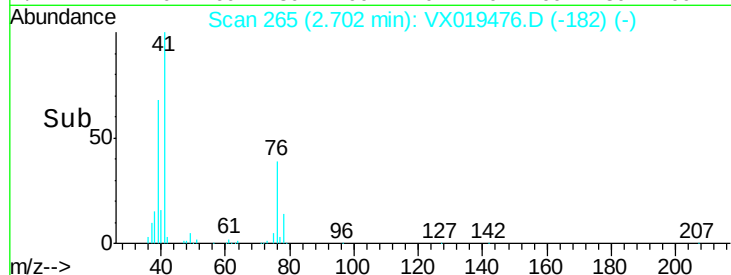
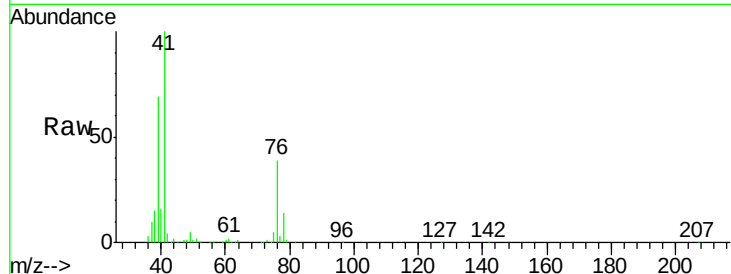
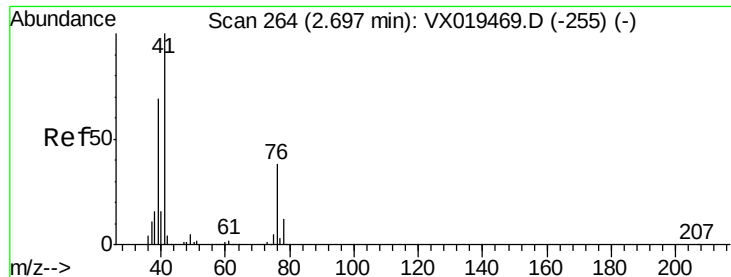
Tot Ion: 58 Resp: 40275
Ion Ratio Lower Upper
58 100
43 291.9 236.3 354.5



#16
Carbon Disulfide
Concen: 18.580 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 76 Resp: 125305
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

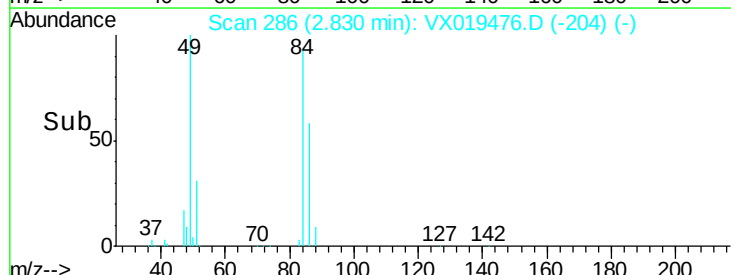
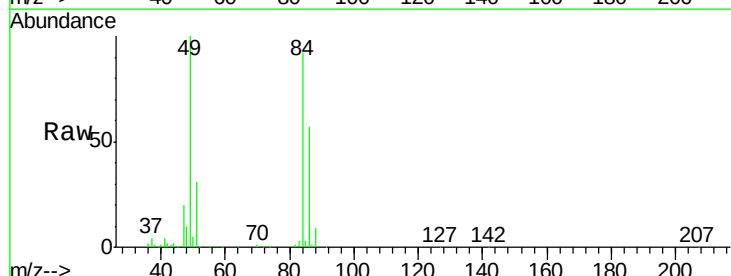
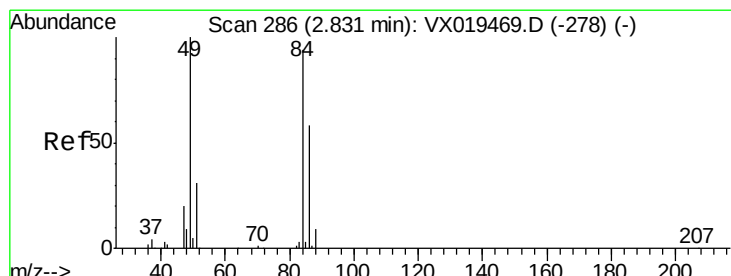
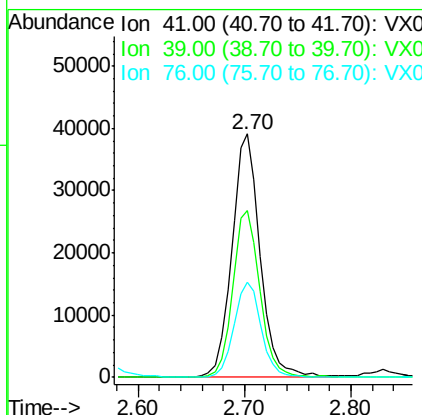




#17
Allvl chloride
Concen: 18.820 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

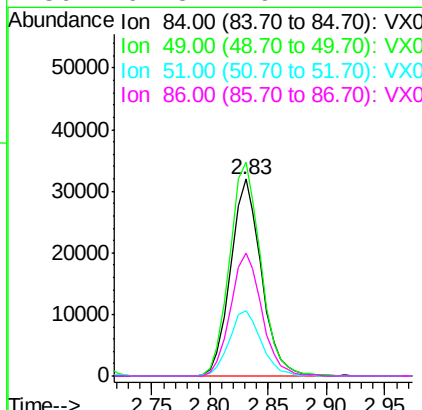
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

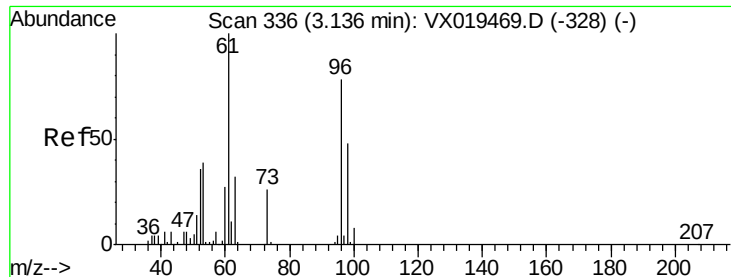
Tot Ion: 41 Resp: 72083
Ion Ratio Lower Upper
41 100
39 68.6 34.5 103.6
76 39.2 19.3 57.8



#18
Methylene Chloride
Concen: 19.174 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 84 Resp: 59087
Ion Ratio Lower Upper
84 100
49 108.6 85.4 128.0
51 33.4 26.7 40.1
86 62.3 49.4 74.2

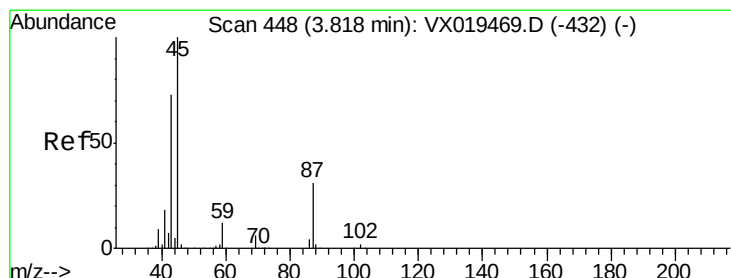
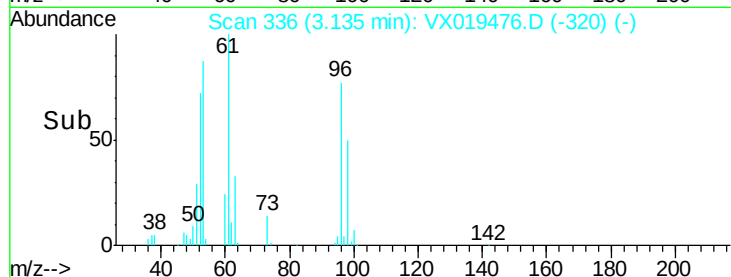
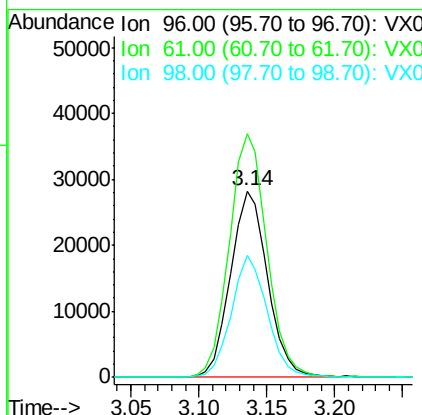
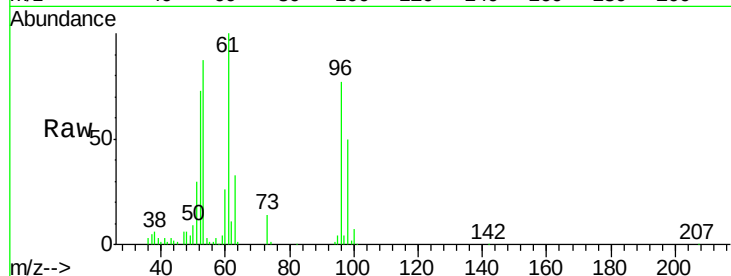




#19
trans-1,2-Dichloroethene
Concen: 18.850 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

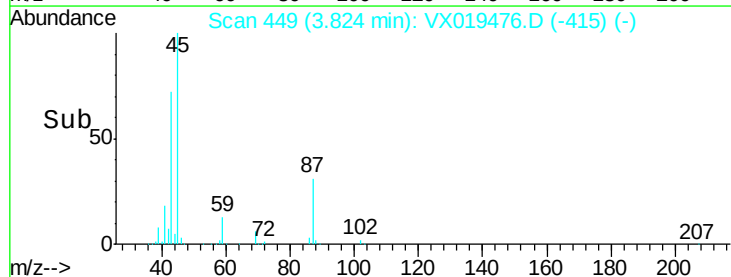
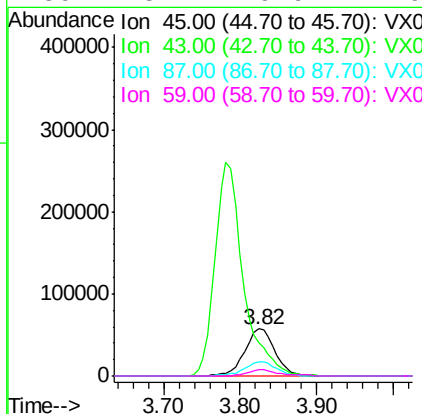
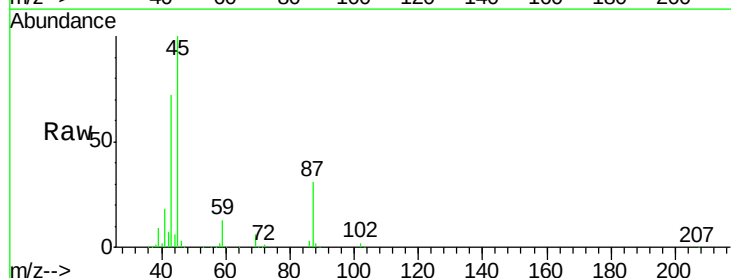
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

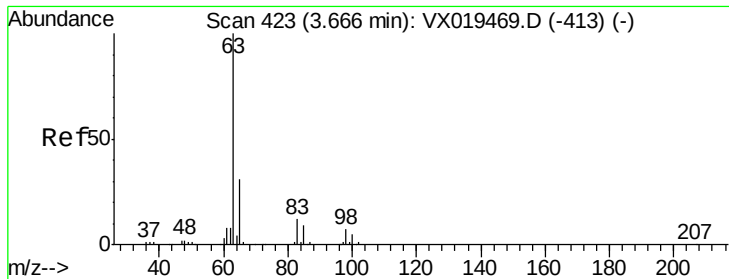
Tot Ion: 96 Resp: 53641
Ion Ratio Lower Upper
96 100
61 130.3 103.2 154.8
98 65.2 49.2 73.8



#20
Diisopropyl ether
Concen: 19.113 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 45 Resp: 157186
Ion Ratio Lower Upper
45 100
43 71.0 58.7 88.1
87 31.3 24.5 36.7
59 13.4 9.9 14.9





#21

1,1-Dichloroethane

Concen: 18.943 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampled :

VX1120WBSD01

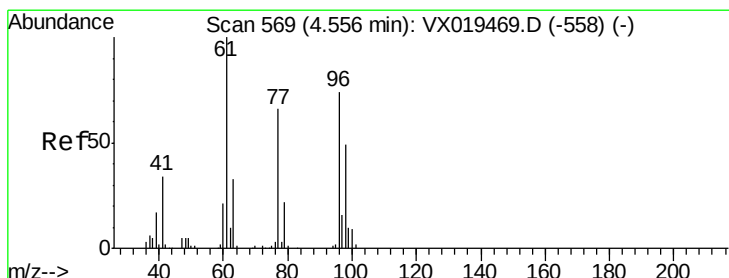
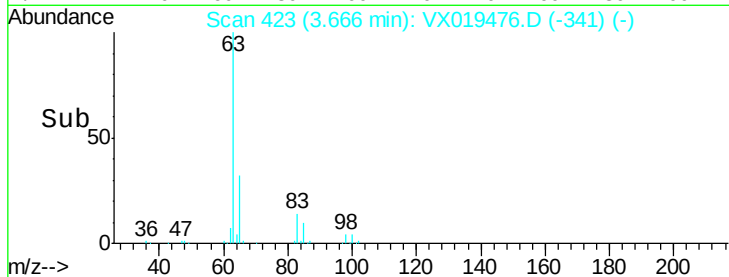
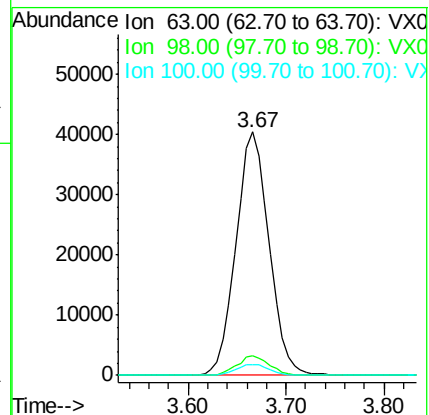
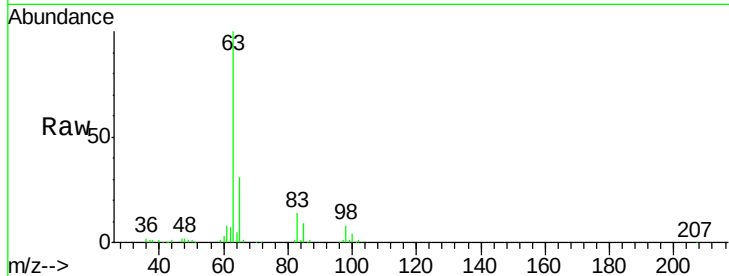
Tot Ion: 63 Resp: 94803

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 4.2 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 18.933 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

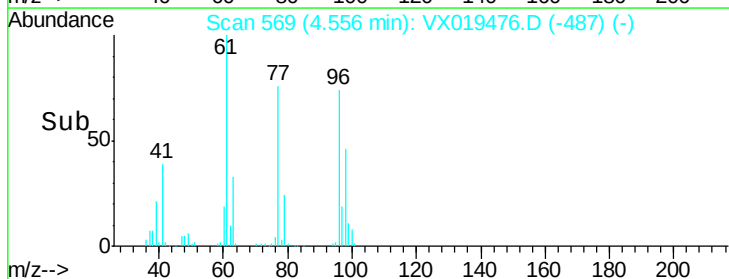
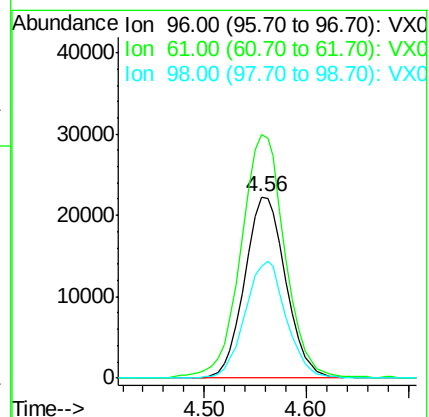
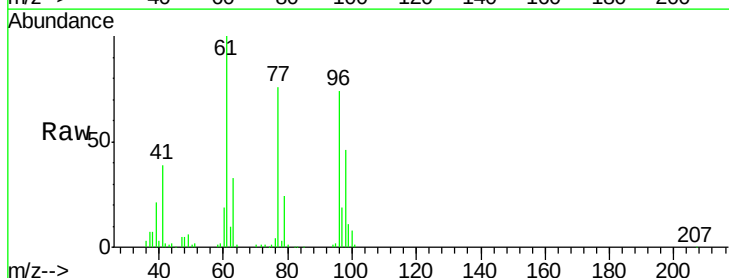
Tgt Ion: 96 Resp: 62356

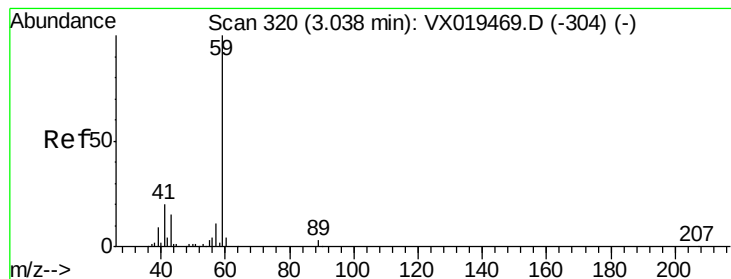
Ion Ratio Lower Upper

96 100

61 143.5 114.2 171.2

98 64.2 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 104.434 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

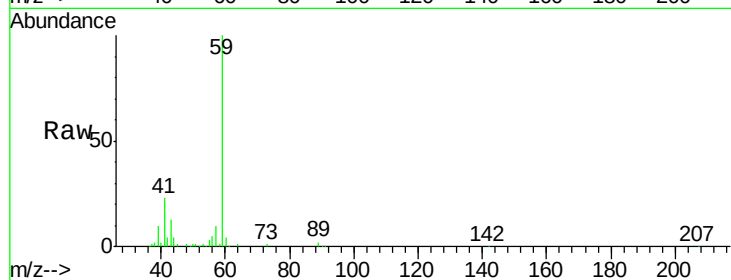
VX1120WBSD01

Tot Ion: 59 Resp: 66832

Ion Ratio Lower Upper

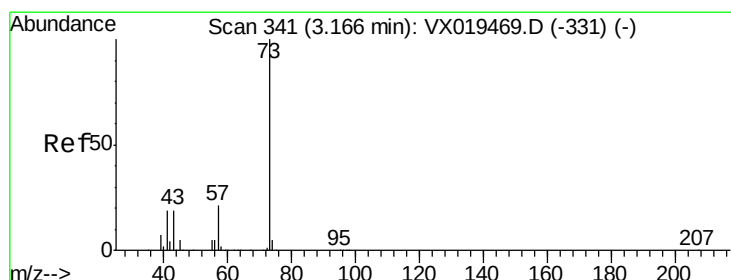
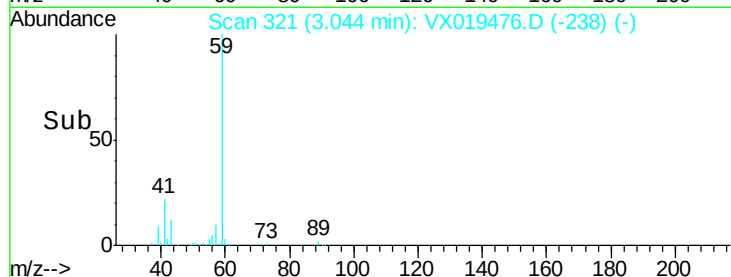
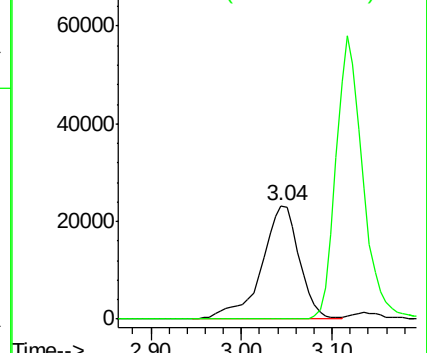
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.228 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX019476.D

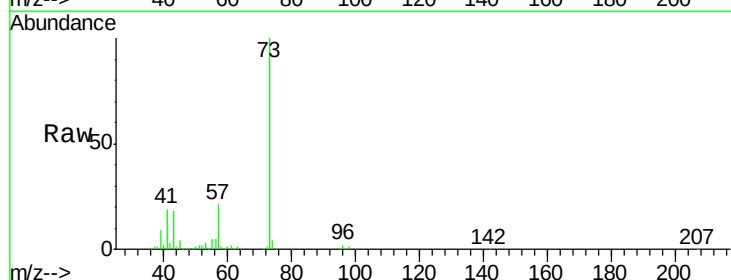
Acq: 19 Nov 2020 19:18

Tgt Ion: 73 Resp: 168443

Ion Ratio Lower Upper

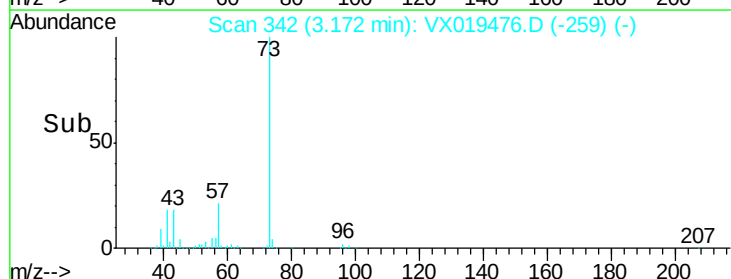
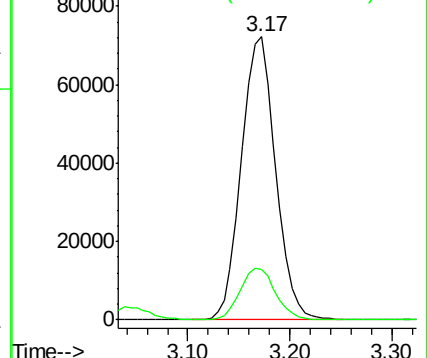
73 100

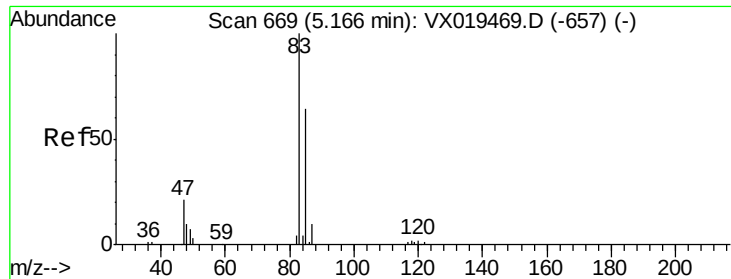
43 18.6 15.0 22.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.826 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

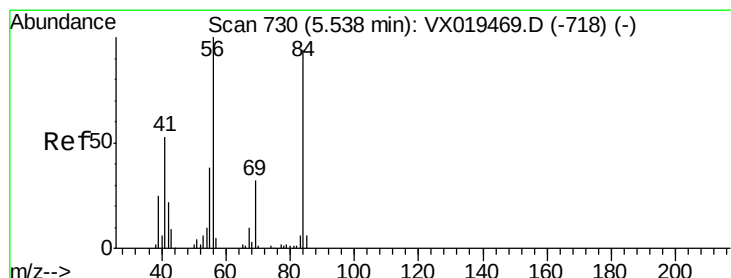
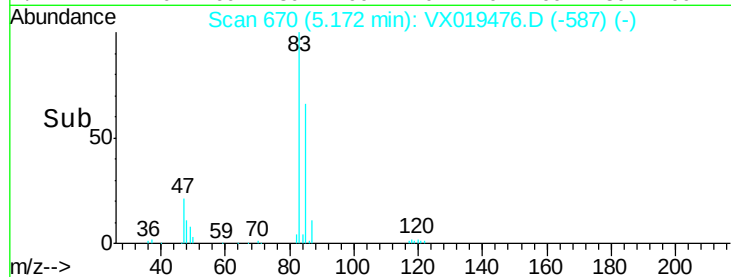
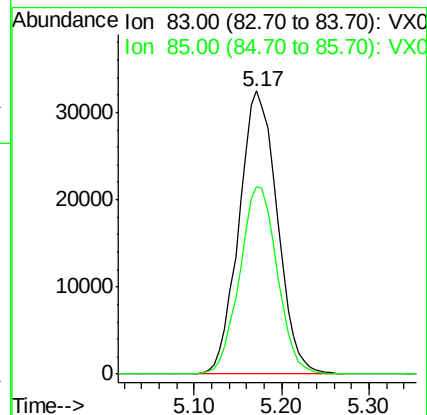
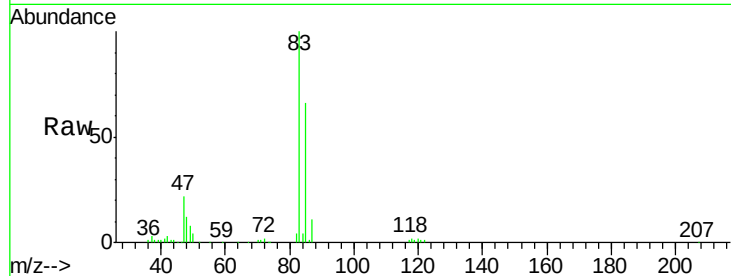
VX1120WBSD01

Tot Ion: 83 Resp: 98960

Ion Ratio Lower Upper

83 100

85 66.4 51.4 77.0



#26

Cyclohexane

Concen: 18.584 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

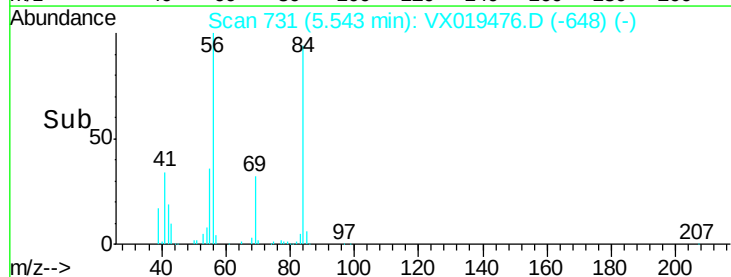
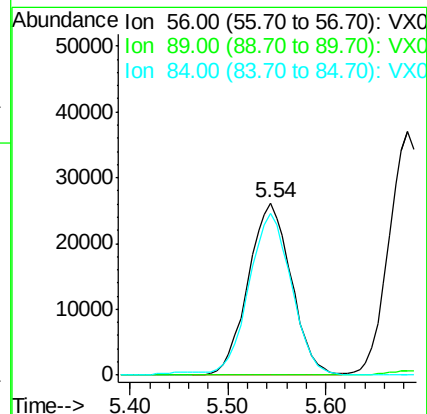
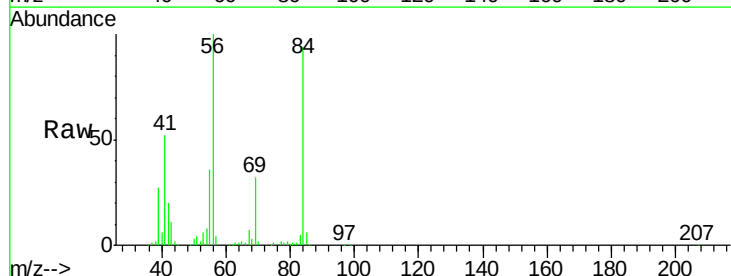
Tgt Ion: 56 Resp: 79616

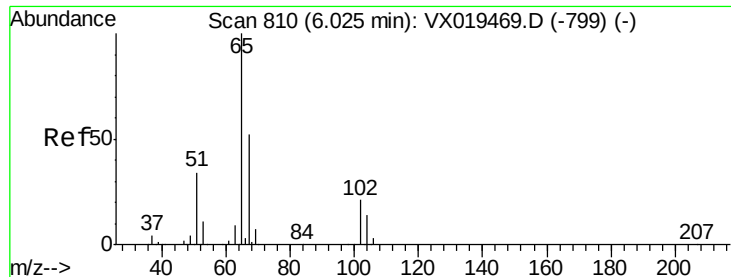
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 75.2 112.8

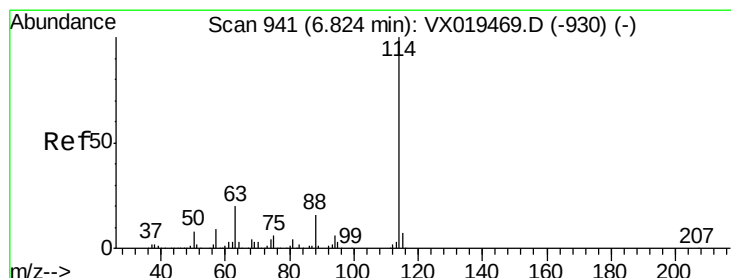
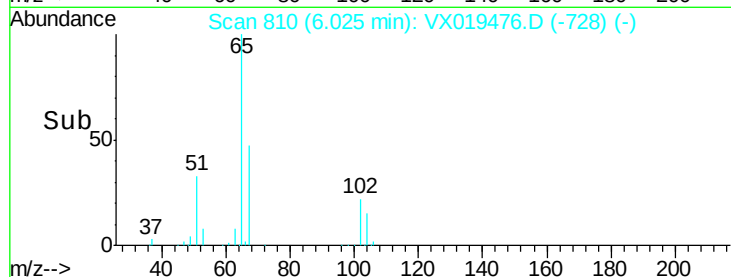
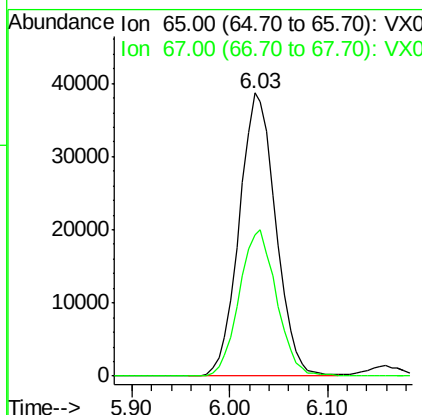
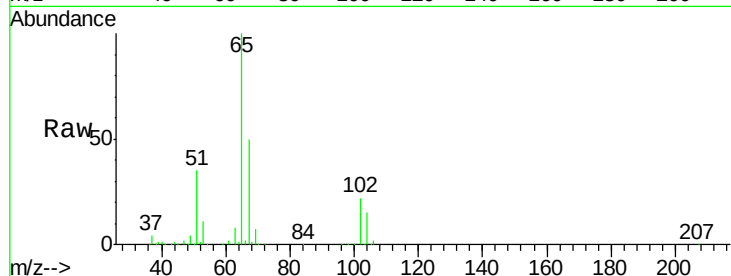




#27
 1,2-Dichloroethane-d4
 Concen: 30.326 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

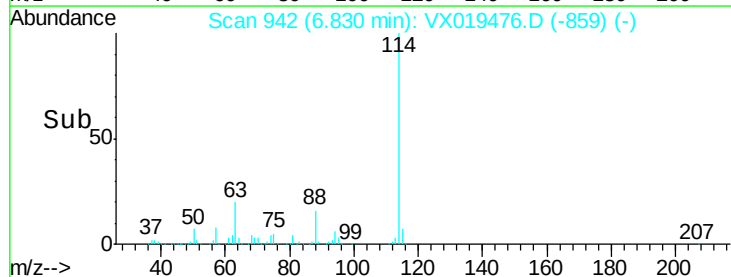
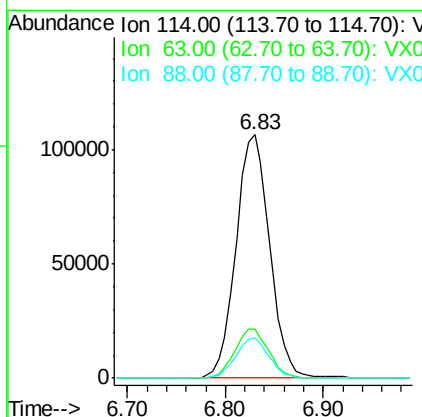
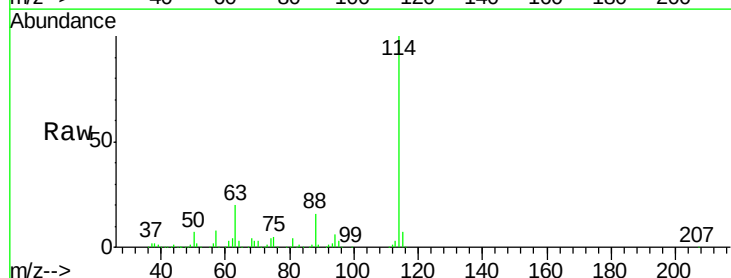
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

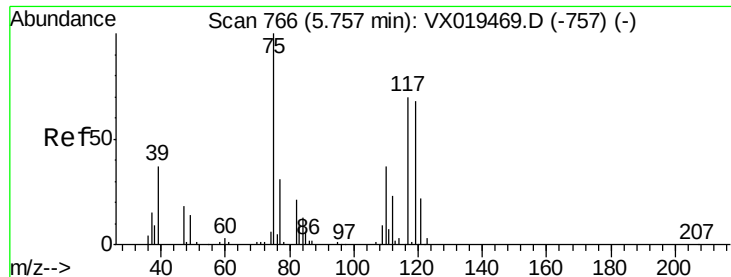
Tot Ion: 65 Resp: 100305
 Ion Ratio Lower Upper
 65 100
 67 52.3 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion: 114 Resp: 254746
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.2 24.2
 88 16.2 12.9 19.3

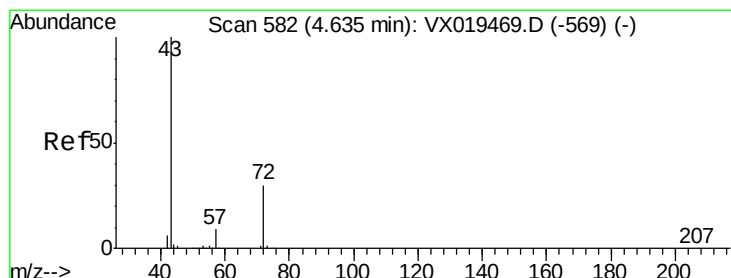
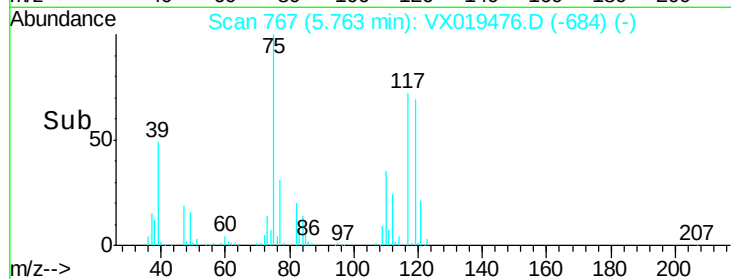
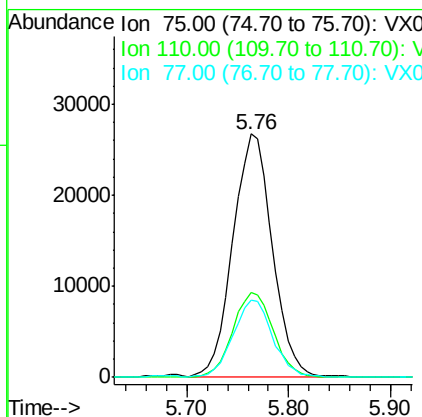
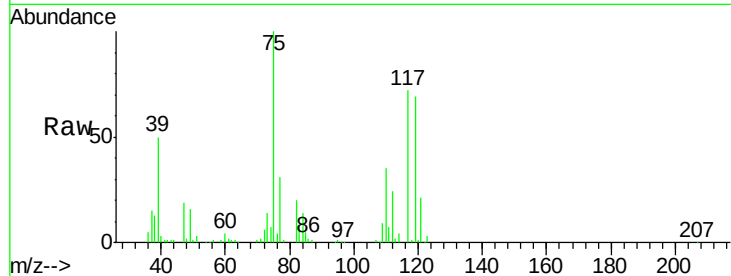




#29
 1,1-Dichloropropene
 Concen: 18.245 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

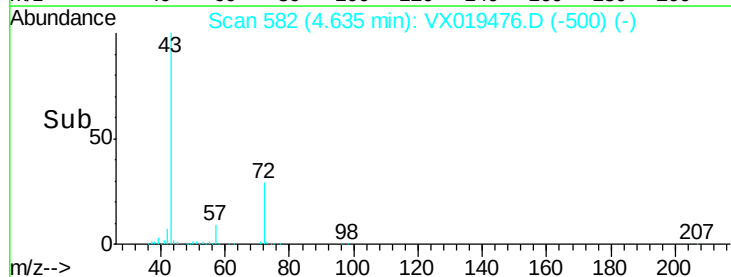
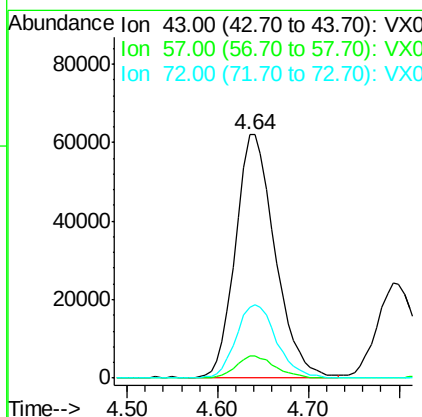
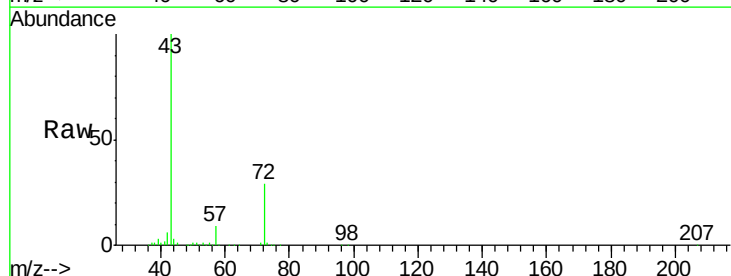
Instrument :
 MSVOA_X
 ClientSampled :
 VX1120WBSD01

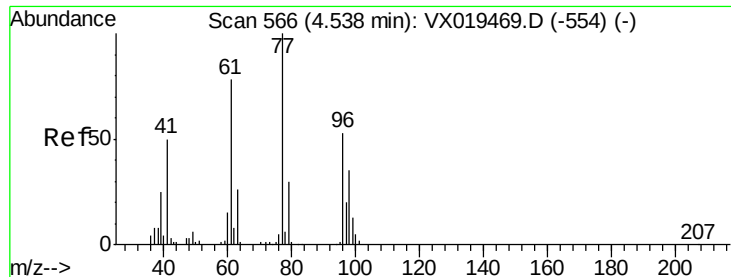
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	74.0
77	32.3	0.0	63.6



#30
 2-Butanone
 Concen: 94.609 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.0	7.4	11.0
72	30.9	24.2	36.2





#31

2,2-Dichloropropane

Concen: 17.837 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

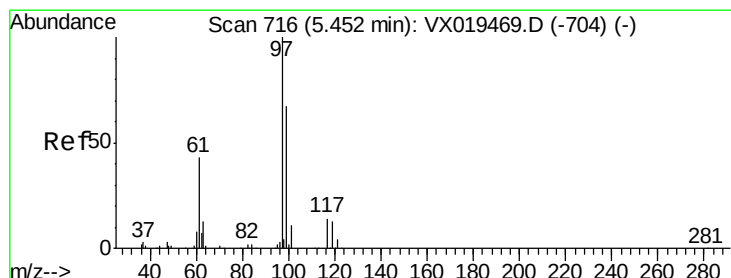
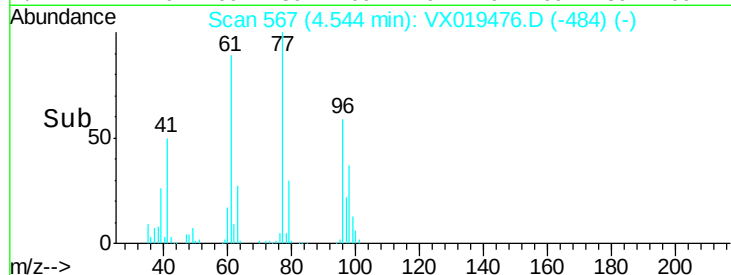
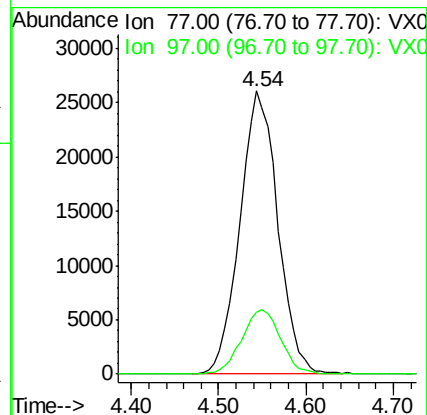
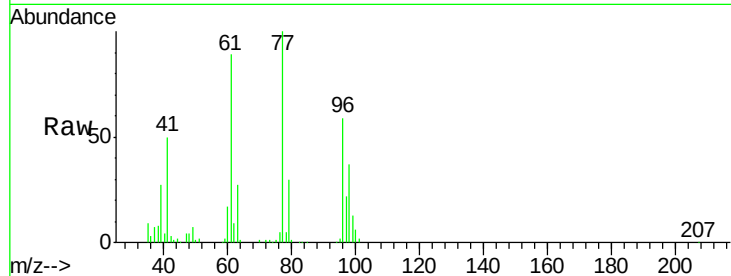
VX1120WBSD01

Tot Ion: 77 Resp: 78471

Ion Ratio Lower Upper

77 100

97 23.3 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 18.377 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

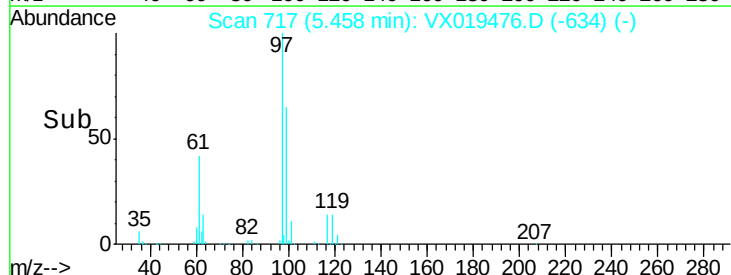
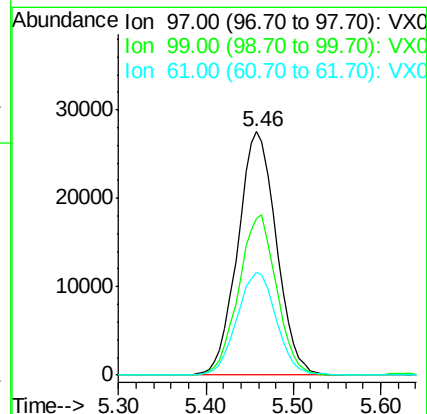
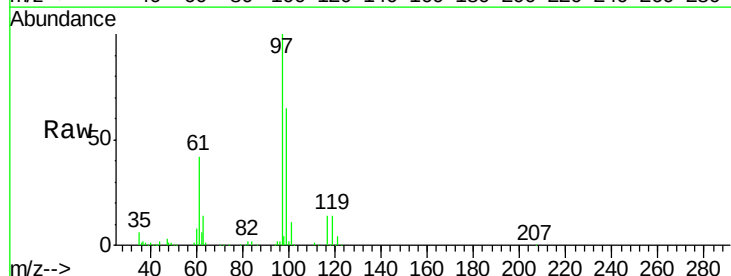
Tgt Ion: 97 Resp: 84385

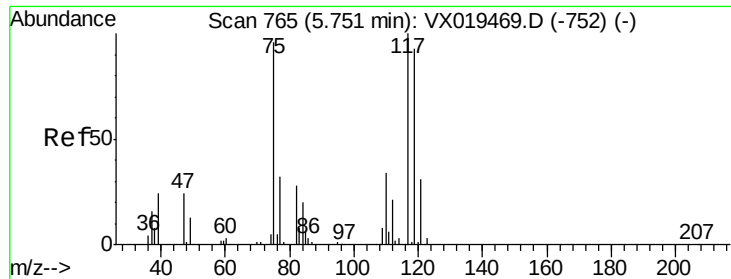
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 42.8 34.9 52.3





#33

Carbon Tetrachloride

Concen: 17.938 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

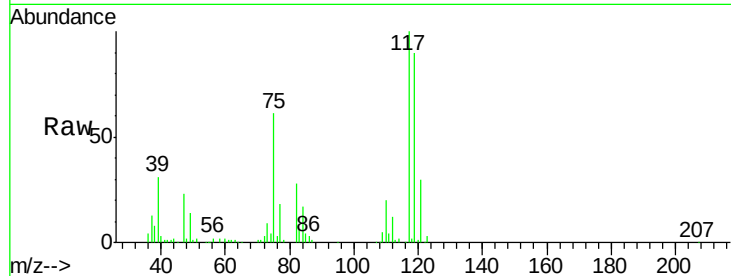
Tot Ion:117 Resp: 69905

Ion Ratio Lower Upper

117 100

119 89.7 74.2 111.4

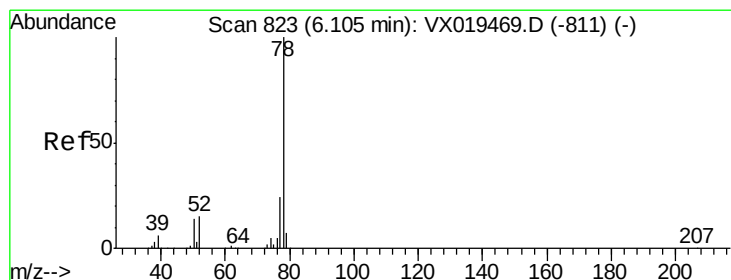
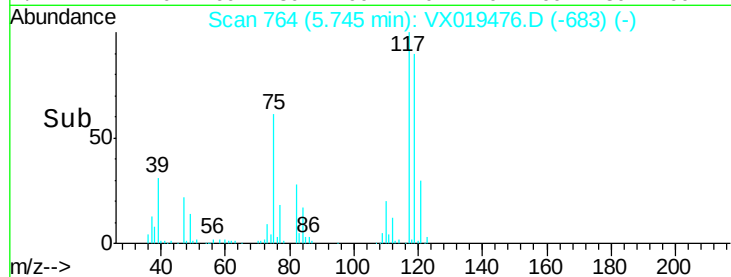
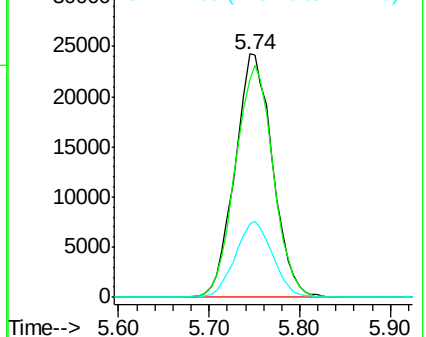
121 30.2 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.766 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

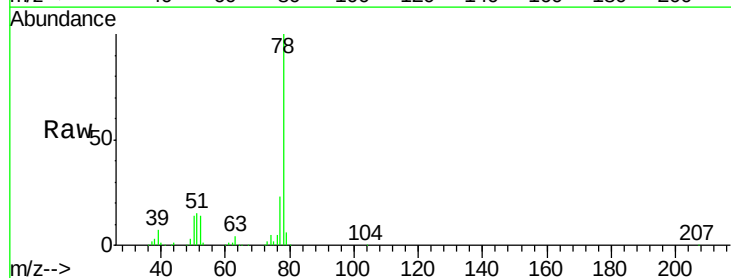
Tgt Ion: 78 Resp: 228212

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

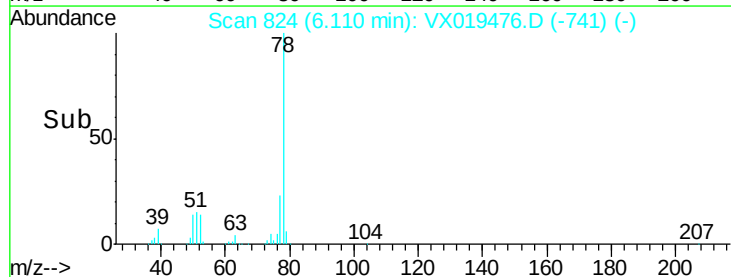
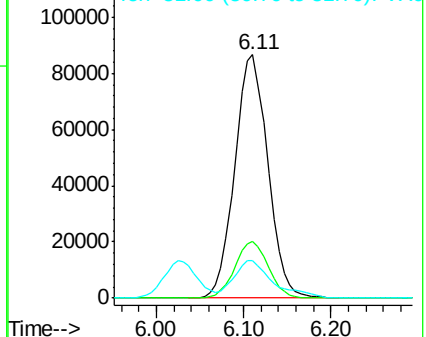
51 15.1 12.7 19.1

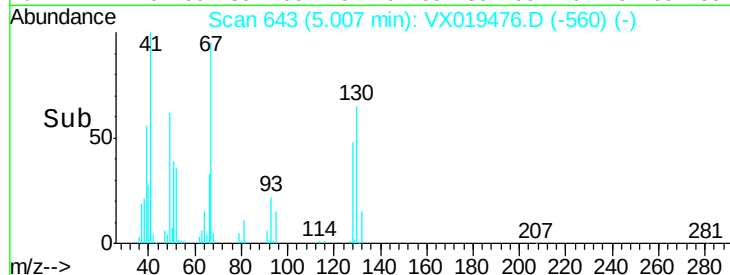
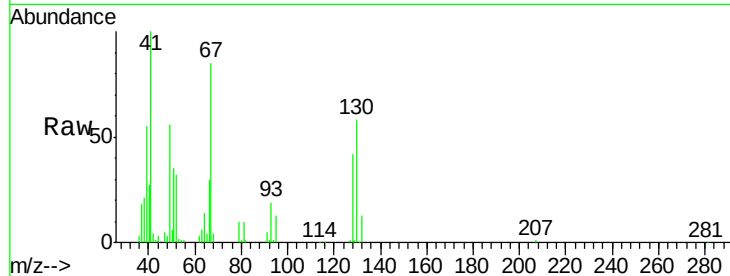
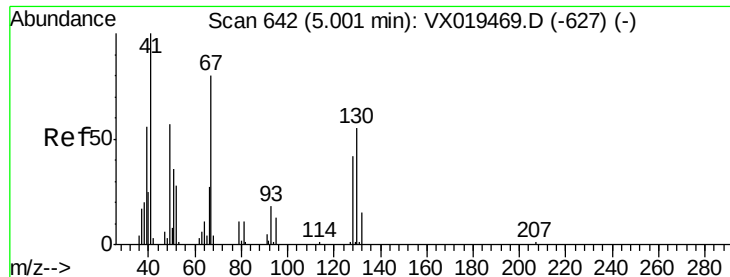


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

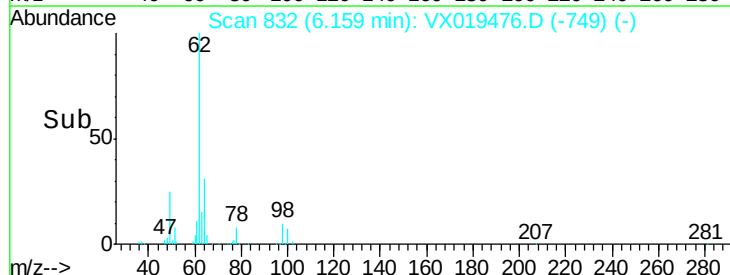
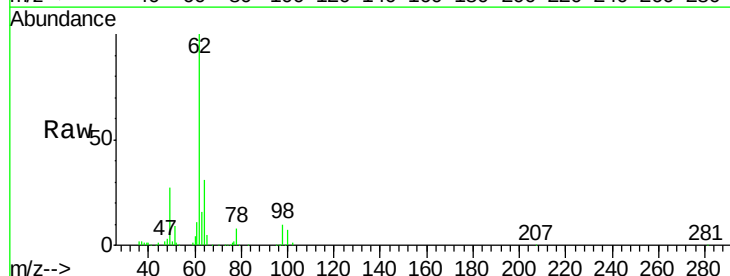
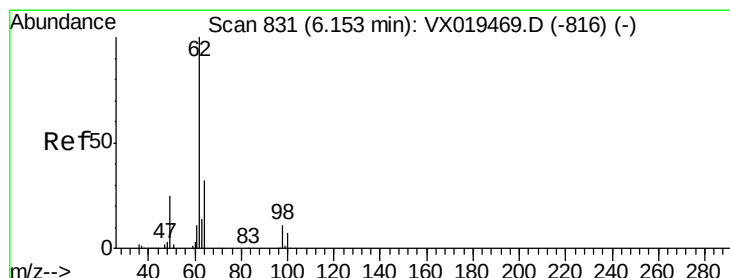
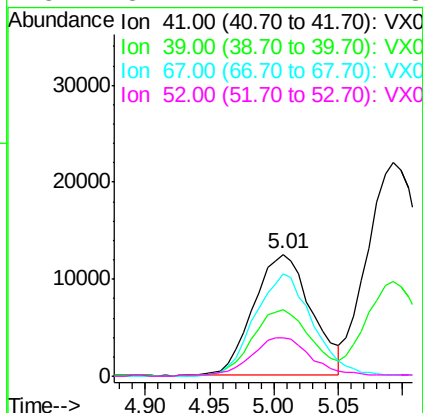
Ion 51.00 (50.70 to 51.70): VX0





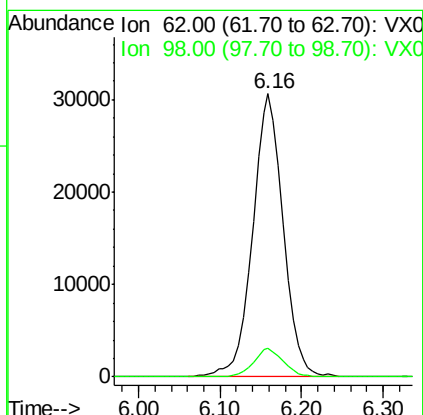
#35
Methacrylonitrile
Concen: 19.235 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

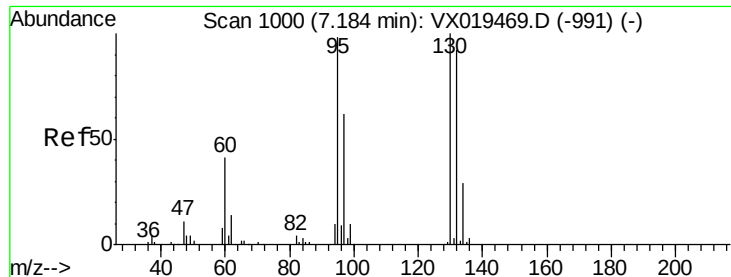
Tot Ion:	41	Resp:	39223
Ion	Ratio	Lower	Upper
41	100		
39	55.5	28.0	84.0
67	85.2	40.0	119.9
52	31.4	14.2	42.8



#36
1,2-Dichloroethane
Concen: 19.003 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion:	62	Resp:	79989
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.1	12.1

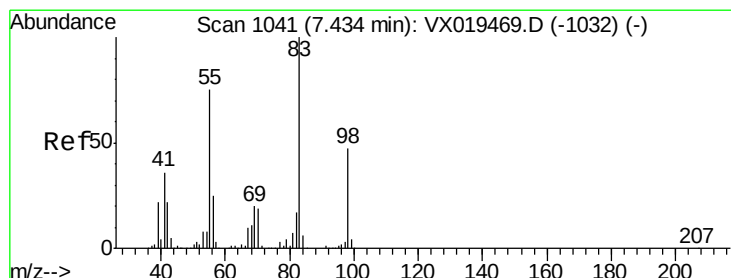
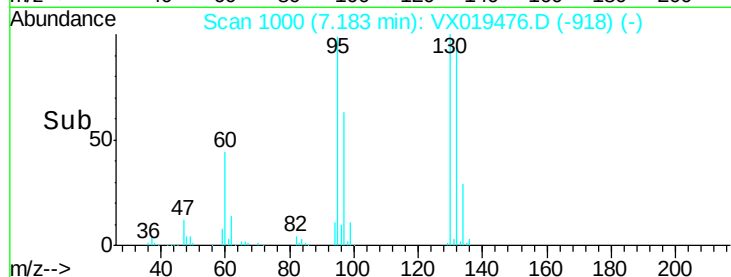
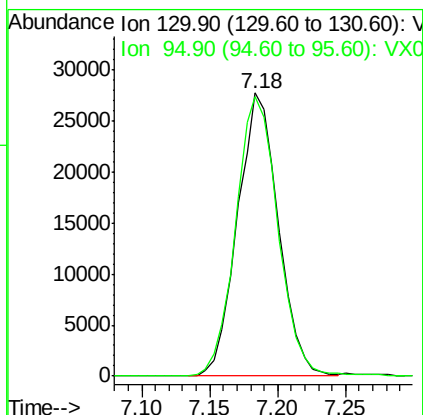
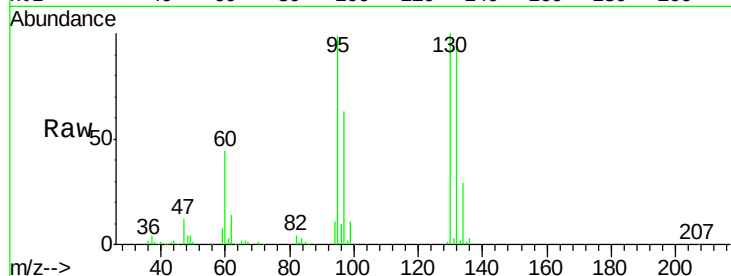




#37
 Trichloroethene
 Concen: 18.082 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

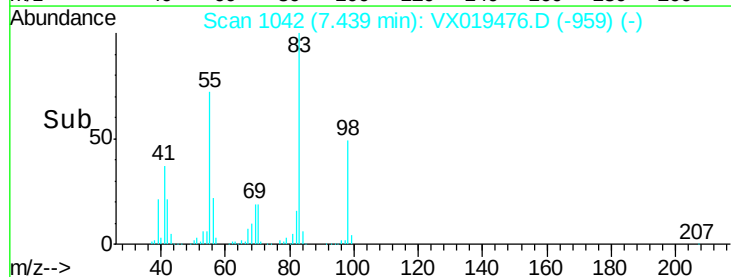
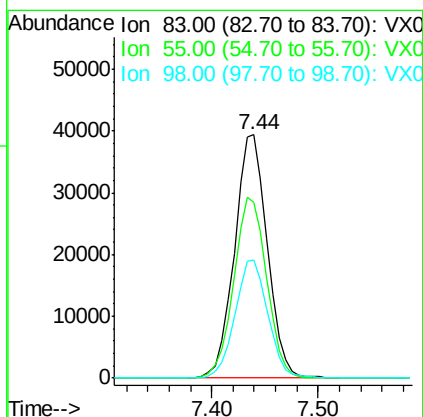
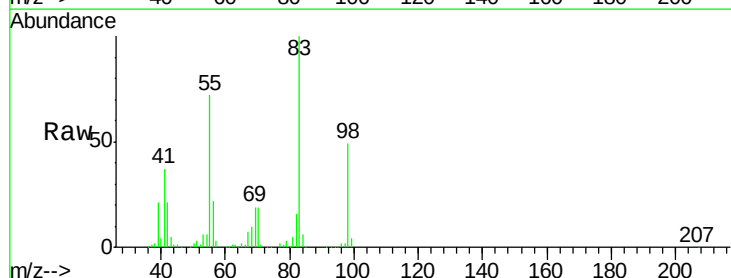
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

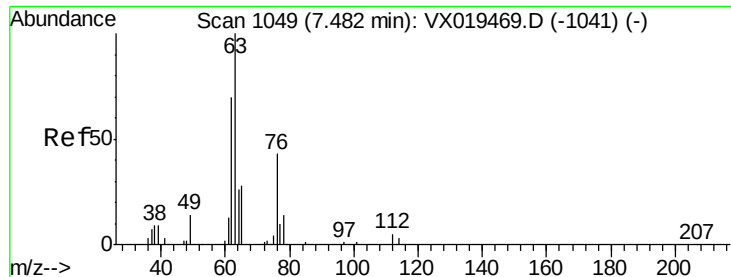
Tot Ion:130 Resp: 58299
 Ion Ratio Lower Upper
 130 100
 95 98.9 78.8 118.2



#38
 Methylcyclohexane
 Concen: 18.040 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion: 83 Resp: 85335
 Ion Ratio Lower Upper
 83 100
 55 74.3 37.7 113.1
 98 48.6 24.7 74.1





#39

1,2-Dichloropropane

Concen: 18.529 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

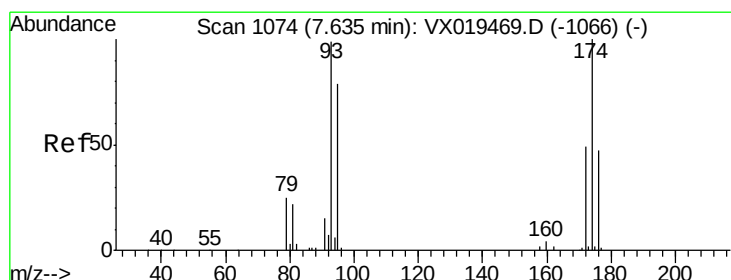
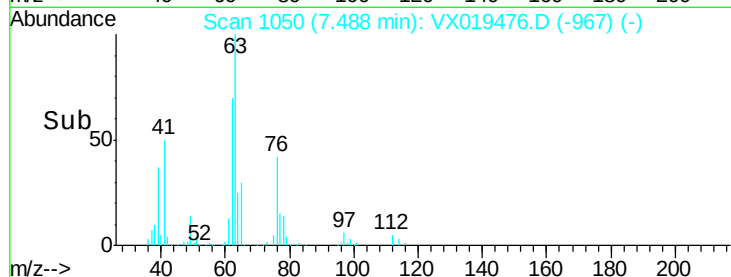
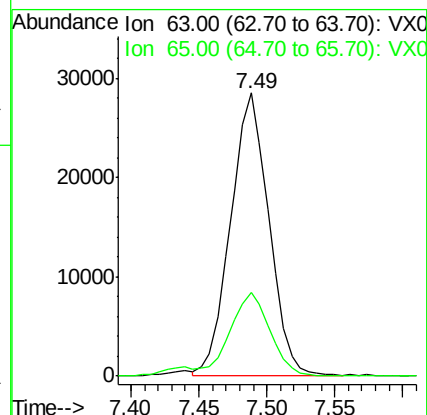
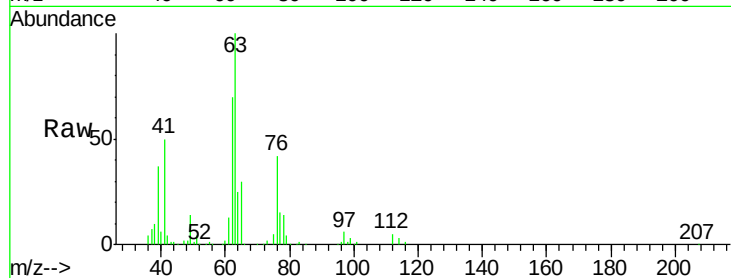
VX1120WBSD01

Tot Ion: 63 Resp: 55638

Ion Ratio Lower Upper

63 100

65 29.8 24.8 37.2



#40

Dibromomethane

Concen: 18.455 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

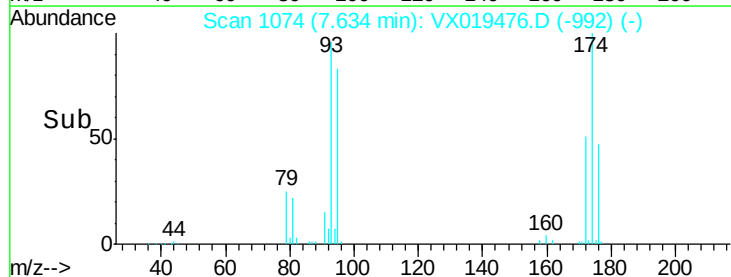
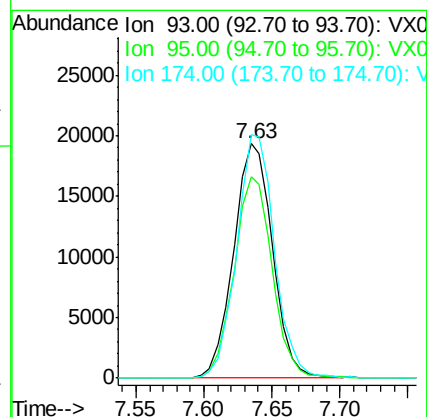
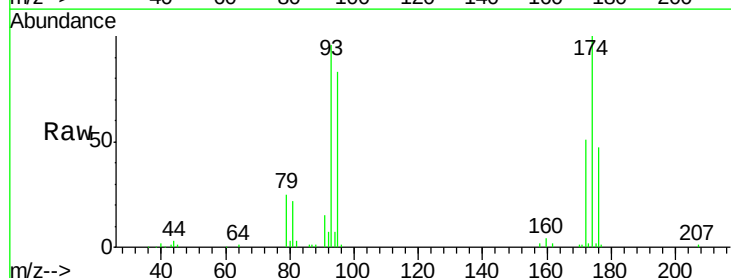
Tgt Ion: 93 Resp: 38547

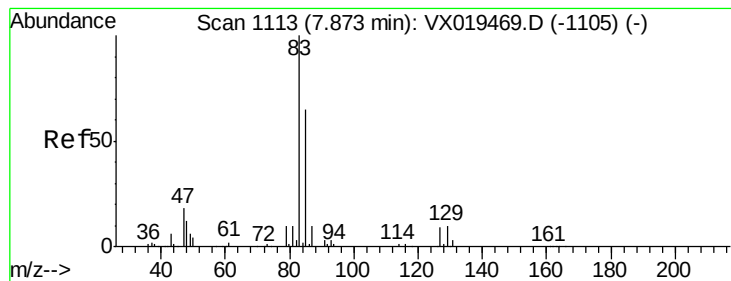
Ion Ratio Lower Upper

93 100

95 84.5 0.0 162.4

174 101.2 0.0 198.8





#41

Bromodichloromethane

Concen: 18.279 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

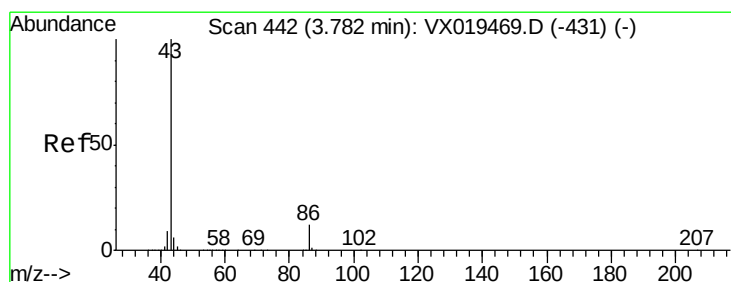
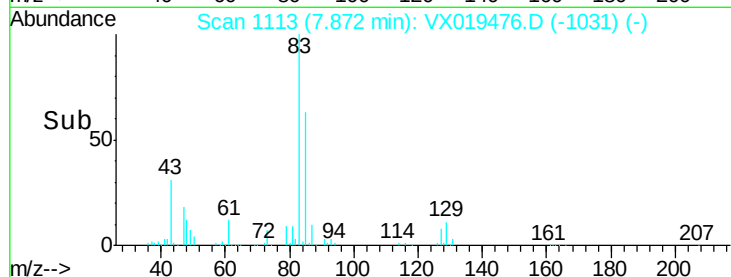
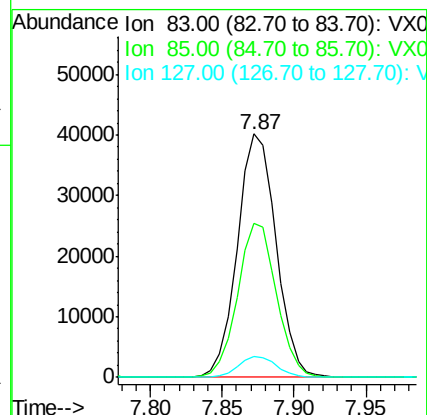
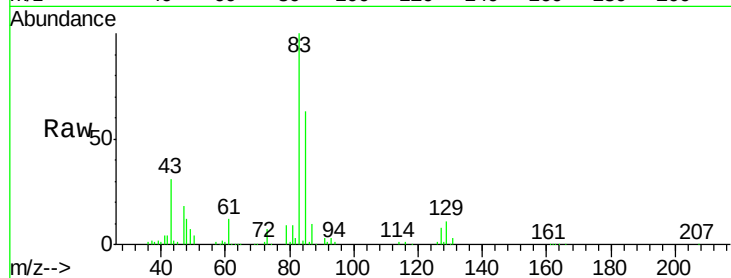
Tot Ion: 83 Resp: 75034

Ion Ratio Lower Upper

83 100

85 63.0 51.7 77.5

127 8.4 7.0 10.6



#42

Vinyl Acetate

Concen: 93.912 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019476.D

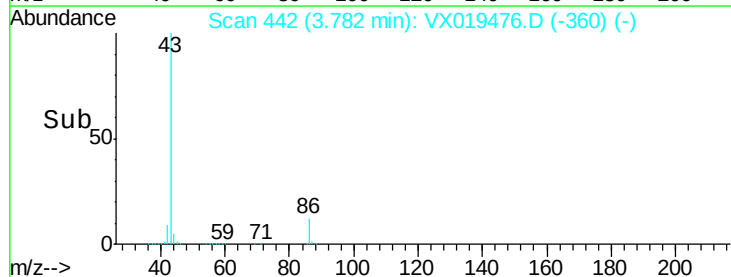
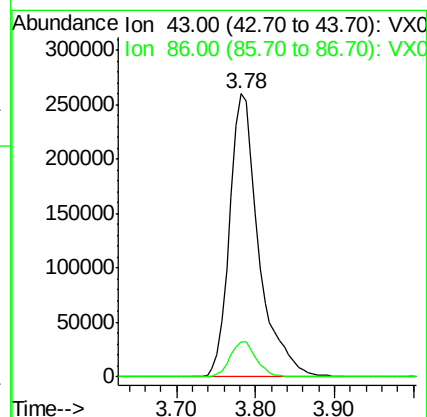
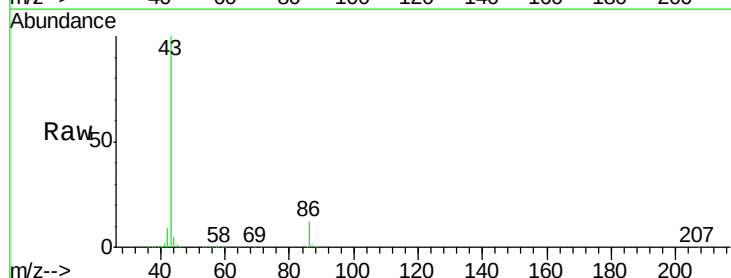
Acq: 19 Nov 2020 19:18

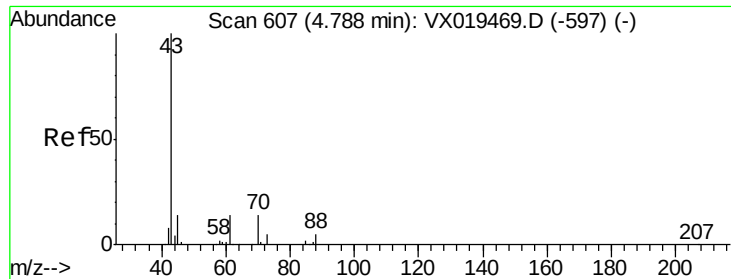
Tgt Ion: 43 Resp: 667912

Ion Ratio Lower Upper

43 100

86 11.3 8.8 13.2

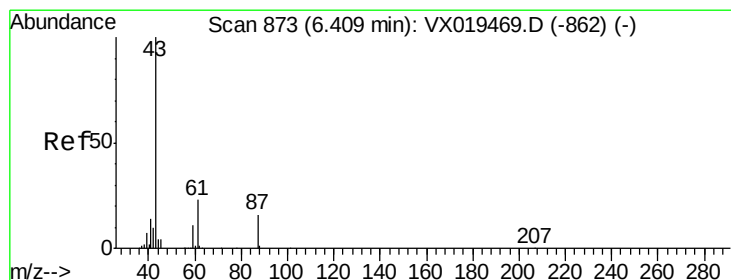
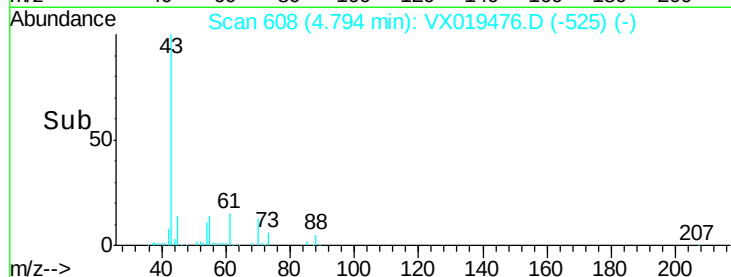
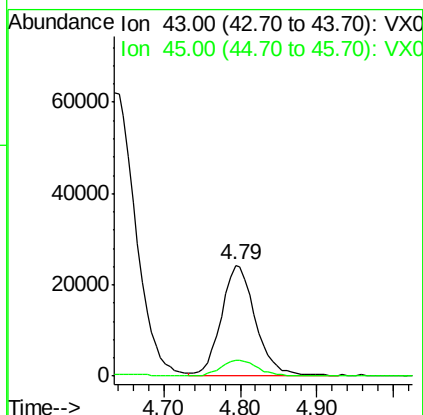
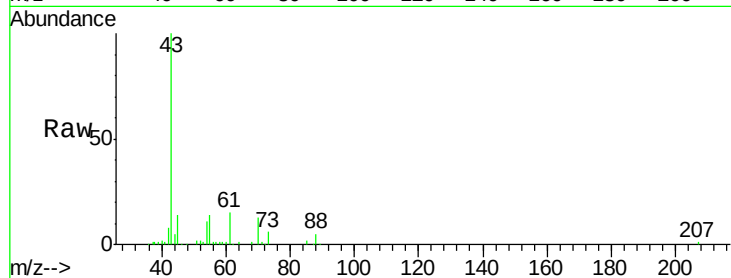




#43
Ethyl Acetate
Concen: 19.594 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

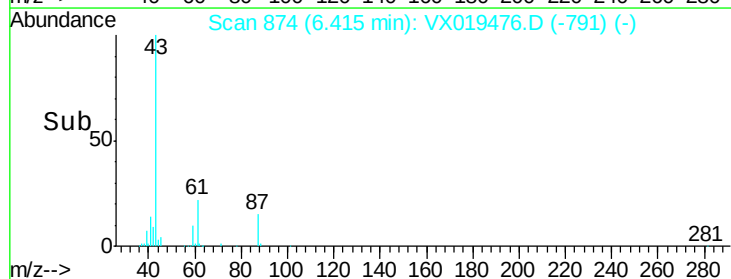
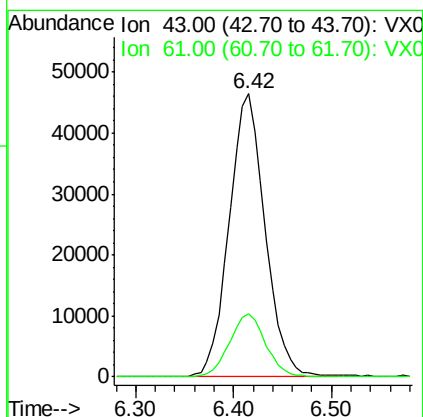
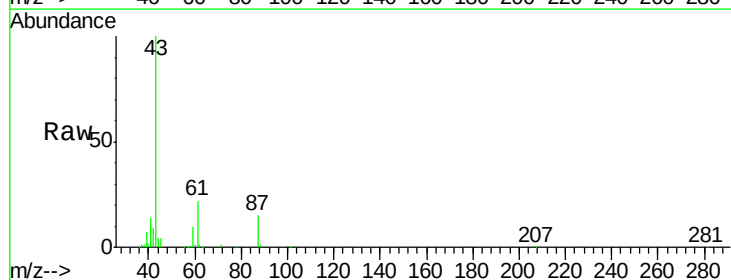
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

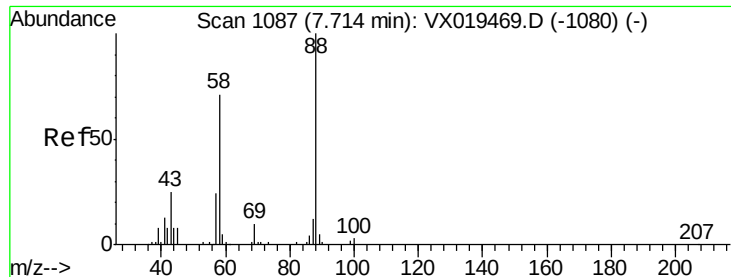
Tot Ion: 43 Resp: 74571
Ion Ratio Lower Upper
43 100
45 15.8 12.9 19.3



#44
Isopropyl Acetate
Concen: 18.967 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 43 Resp: 117151
Ion Ratio Lower Upper
43 100
61 22.7 18.1 27.1





#45

1,4-Dioxane

Concen: 389.190 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampled :

VX1120WBSD01

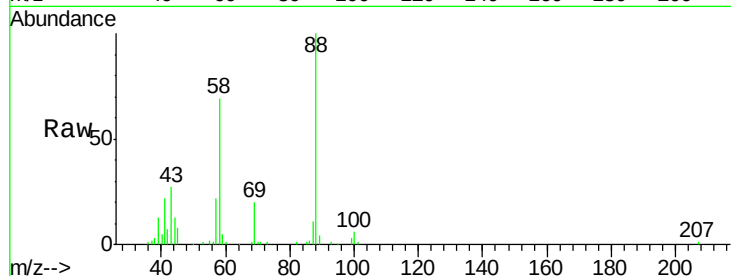
Tot Ion: 88 Resp: 26946

Ion Ratio Lower Upper

88 100

43 29.2 24.2 36.4

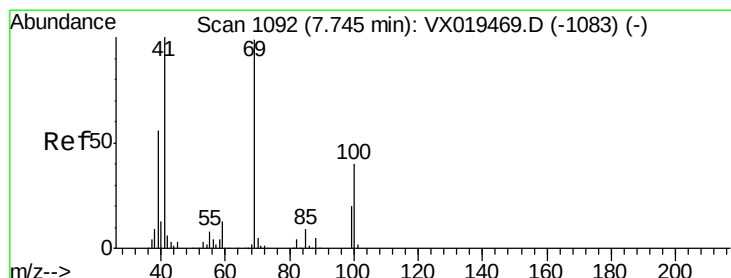
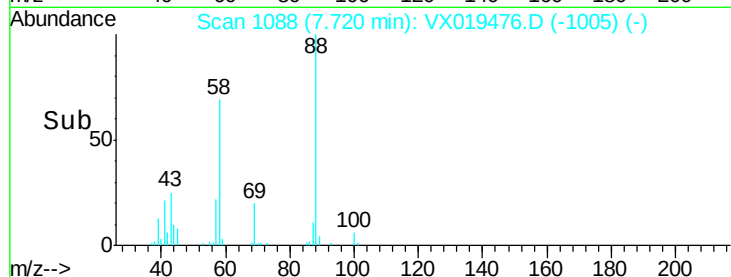
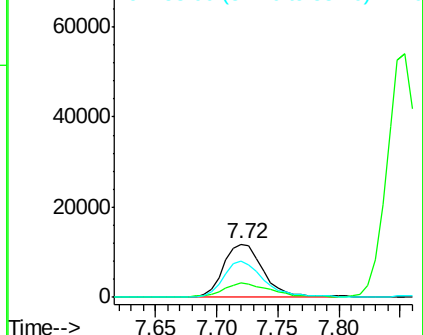
58 66.9 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.186 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

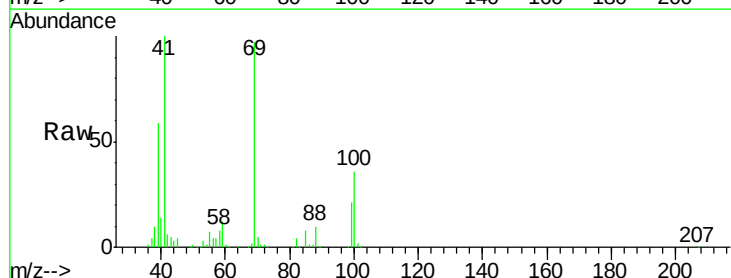
Tgt Ion: 41 Resp: 58001

Ion Ratio Lower Upper

41 100

69 97.0 49.7 149.1

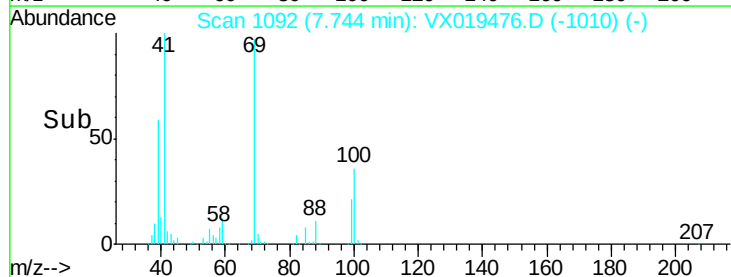
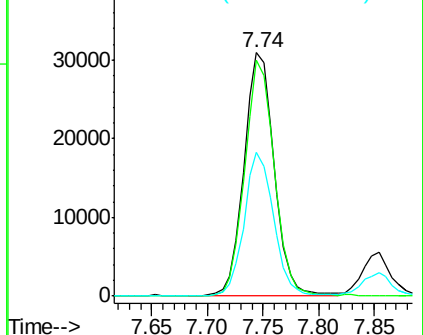
39 59.1 28.1 84.4

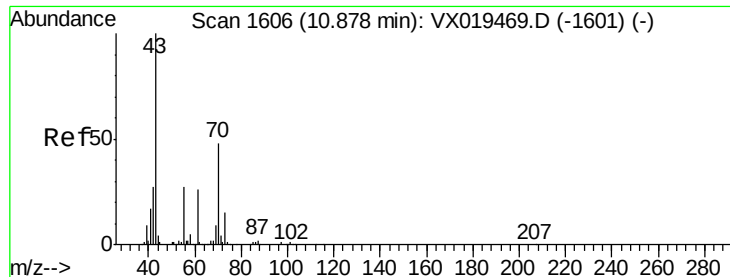


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.454 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

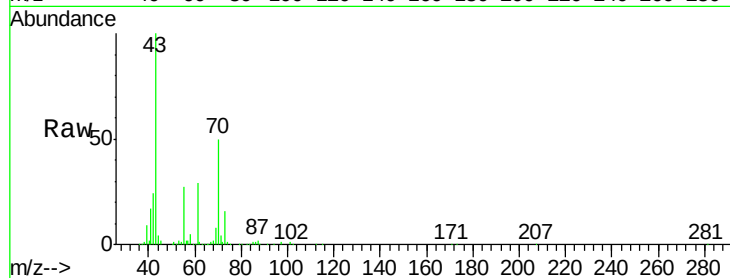
VX1120WBSD01

Tot Ion: 43 Resp: 95120

Ion Ratio Lower Upper

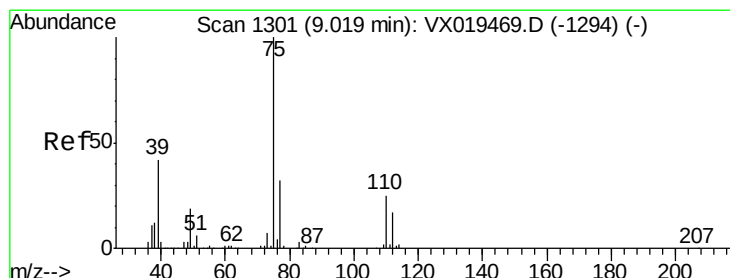
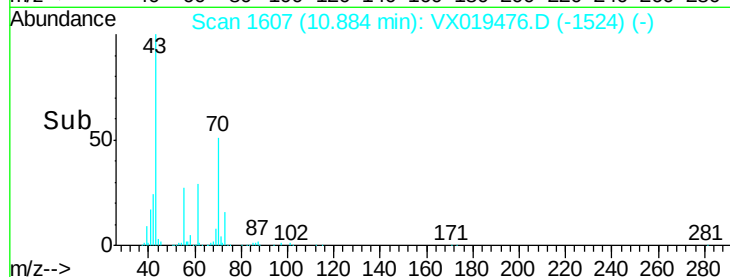
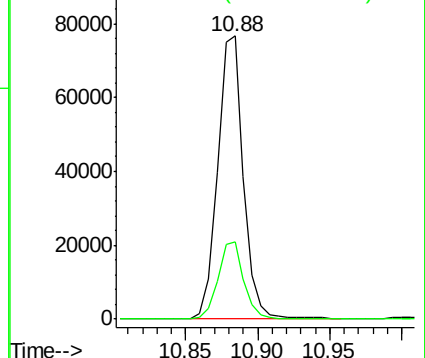
43 100

55 27.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.237 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019476.D

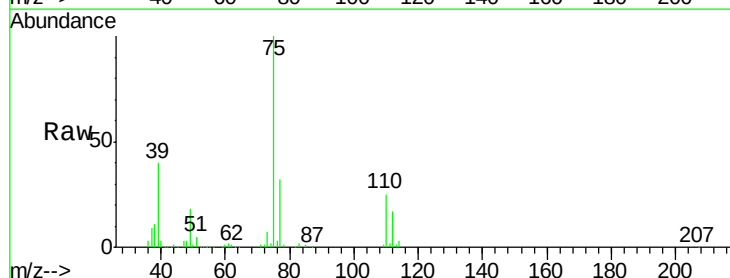
Acq: 19 Nov 2020 19:18

Tgt Ion: 75 Resp: 81282

Ion Ratio Lower Upper

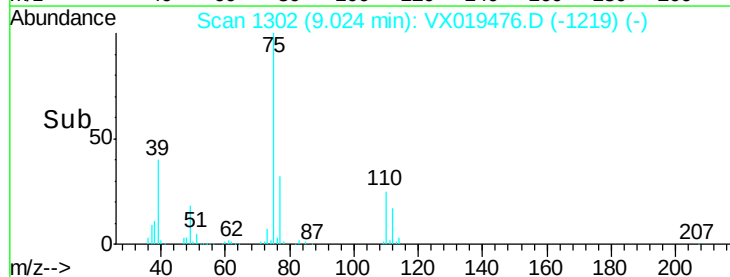
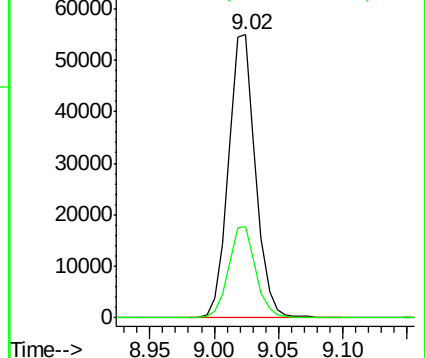
75 100

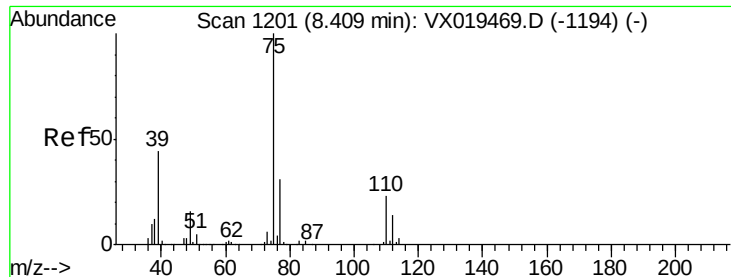
77 32.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



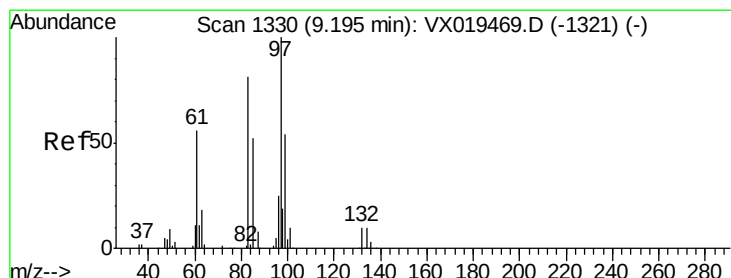
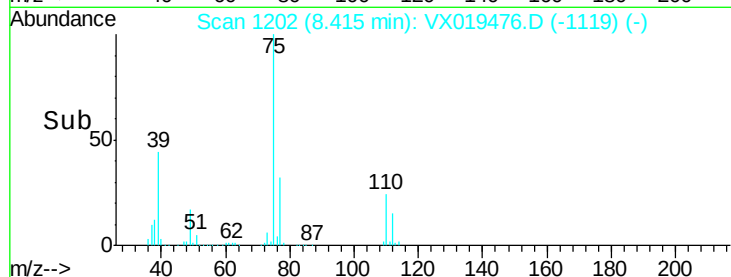
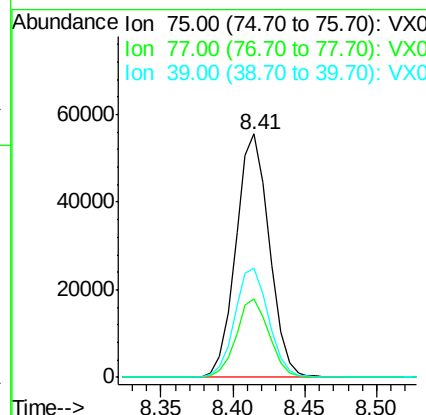
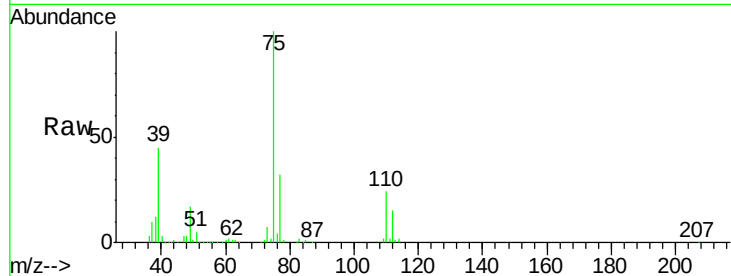


#49

cis-1,3-Dichloropropene
 Concen: 18.264 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

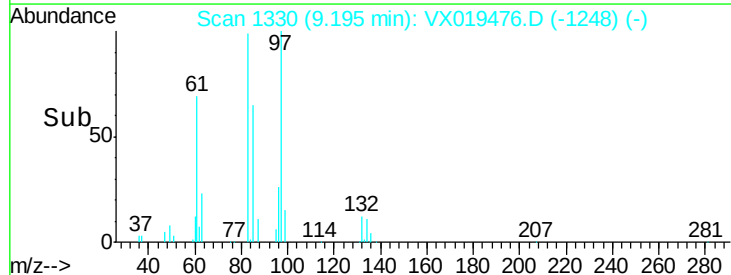
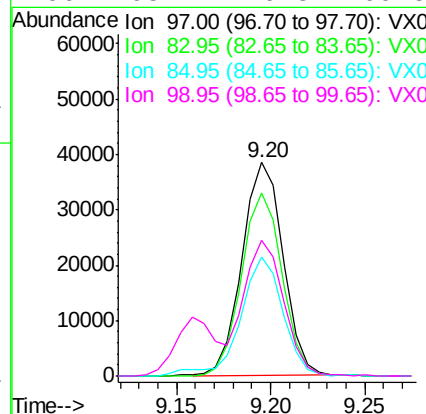
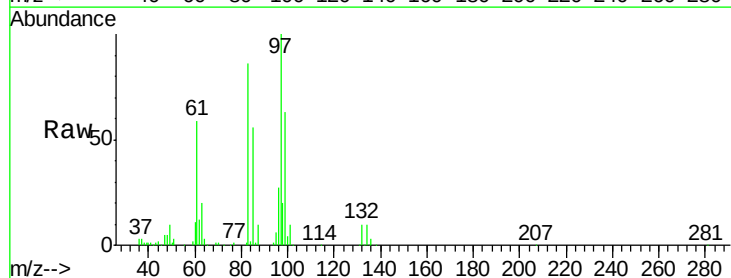
Tot Ion	75	Resp	89924
Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.7	37.1
39	44.5	35.3	52.9

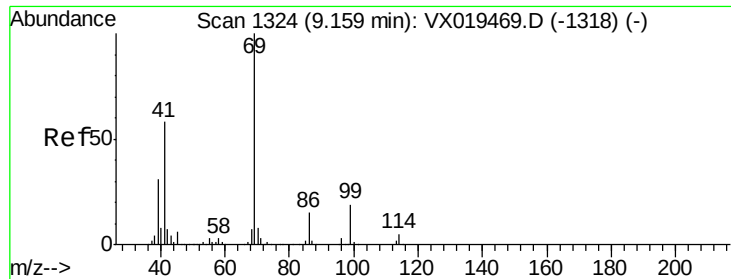


#50

1,1,2-Trichloroethane
 Concen: 18.542 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion	97	Resp	58000
Ion	Ratio	Lower	Upper
97	100		
83	85.9	64.8	97.2
85	55.9	41.8	62.8
99	63.4	46.3	69.5





#51

Ethyl methacrylate

Concen: 18.486 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

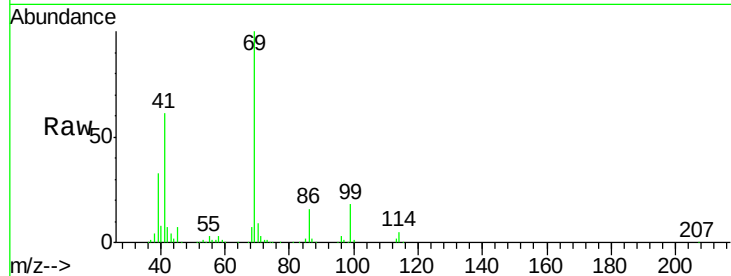
Tot Ion: 69 Resp: 82751

Ion Ratio Lower Upper

69 100

41 60.9 29.0 87.1

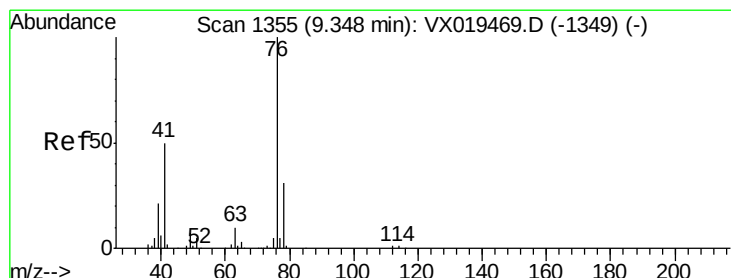
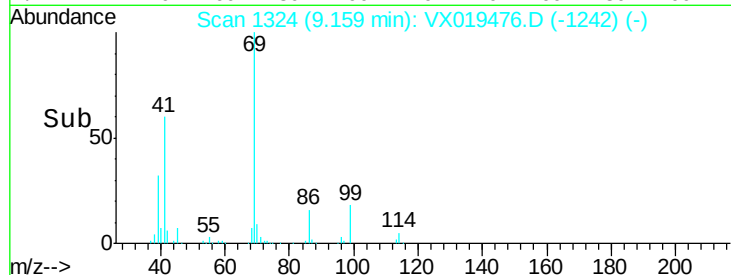
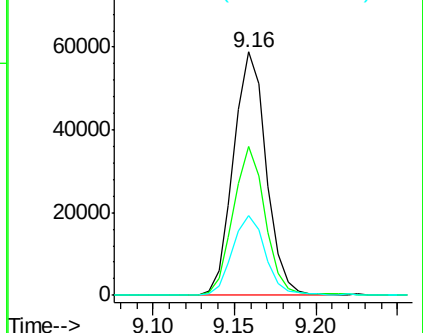
39 32.6 15.4 46.4



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



#52

1,3-Dichloropropane

Concen: 19.065 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019476.D

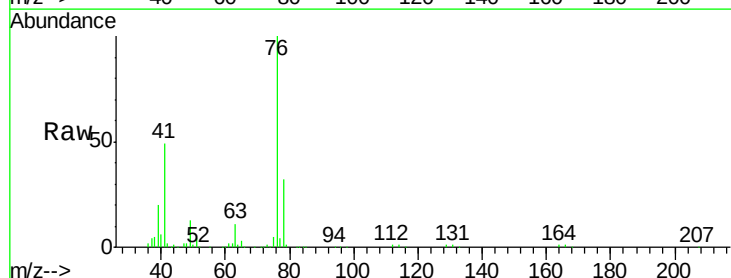
Acq: 19 Nov 2020 19:18

Tgt Ion: 76 Resp: 99594

Ion Ratio Lower Upper

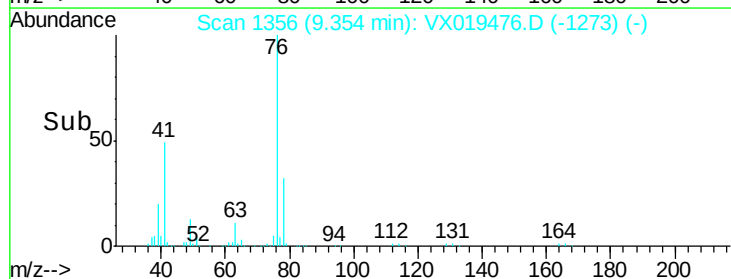
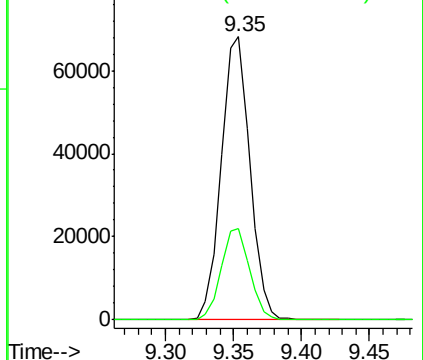
76 100

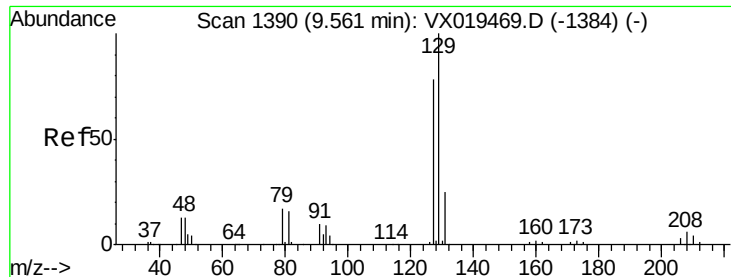
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

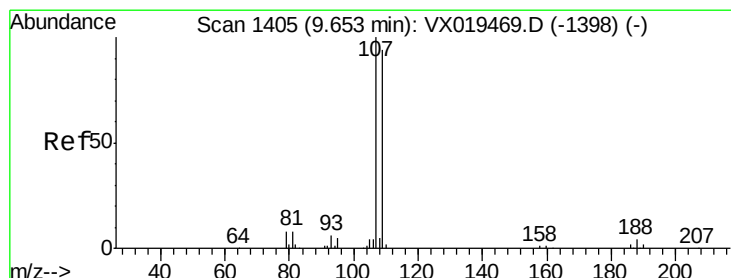
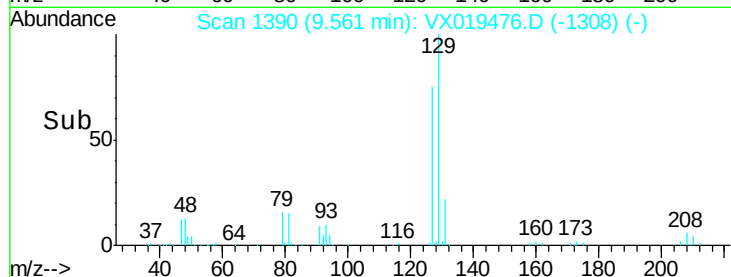
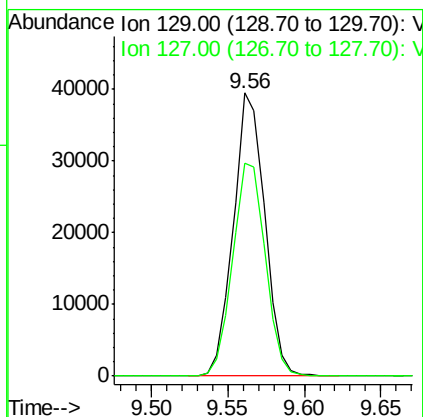
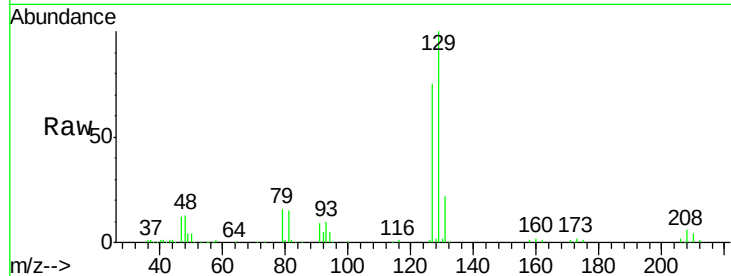




#53
Dibromochloromethane
Concen: 18.049 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

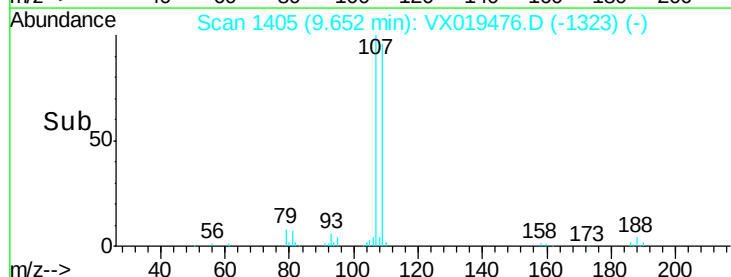
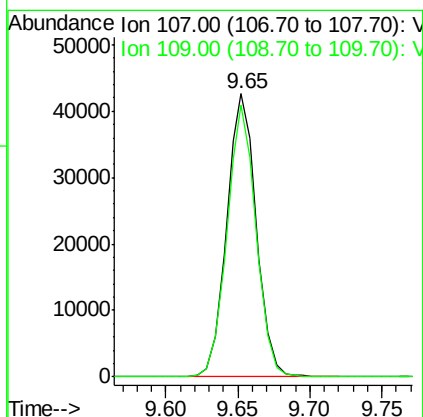
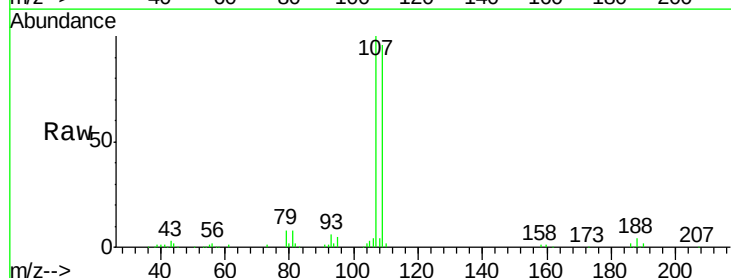
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

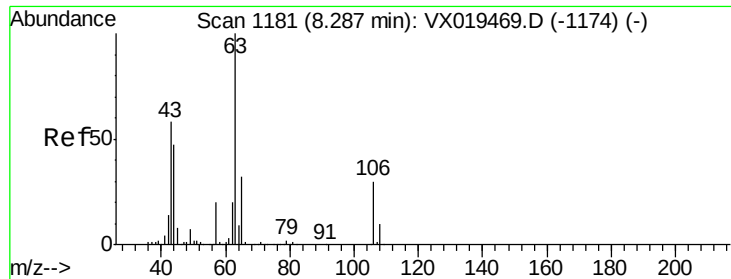
Tot Ion:129 Resp: 56273
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.1



#54
1,2-Dibromoethane
Concen: 18.908 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion:107 Resp: 61147
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4

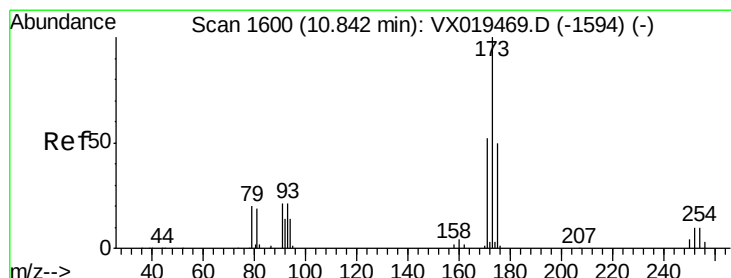
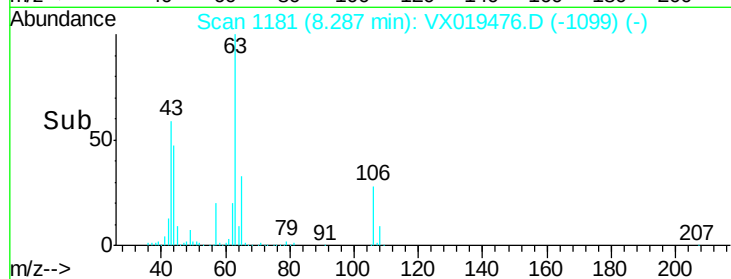
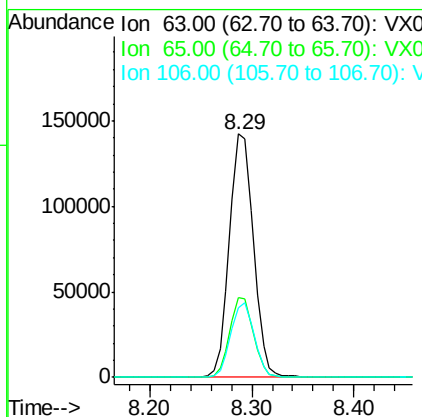
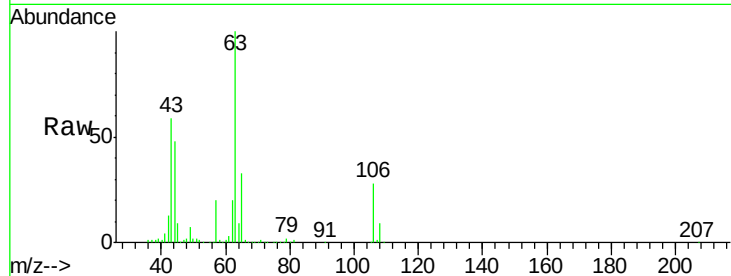




#55
 2-Chloroethyl vinyl ether
 Concen: 94.266 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

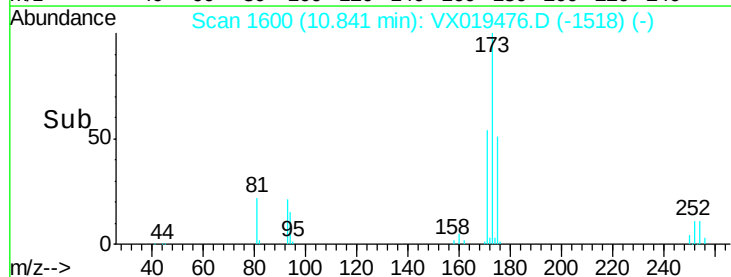
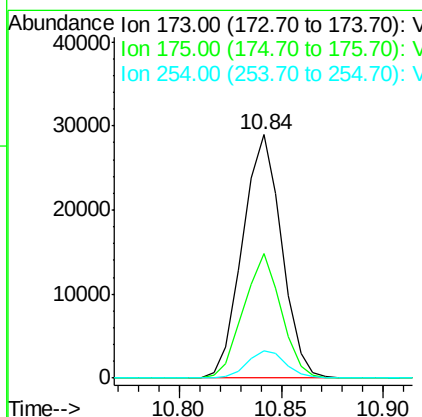
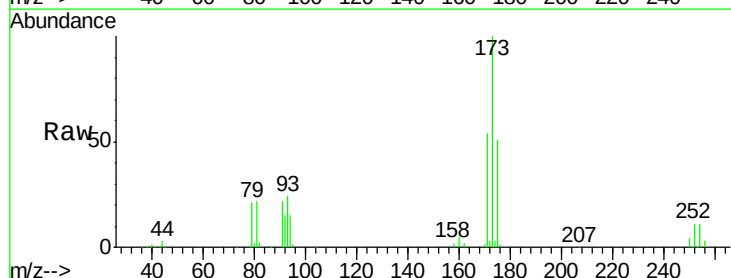
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

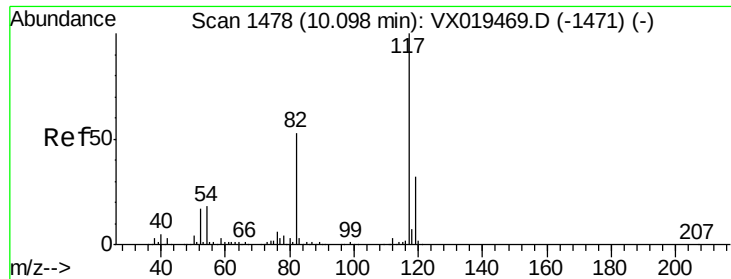
Tot Ion	63	Resp	232190
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.7	38.5
106	29.8	24.2	36.4



#56
 Bromoform
 Concen: 17.499 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion	173	Resp	38661
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.7	59.5
254	10.8	8.0	12.0

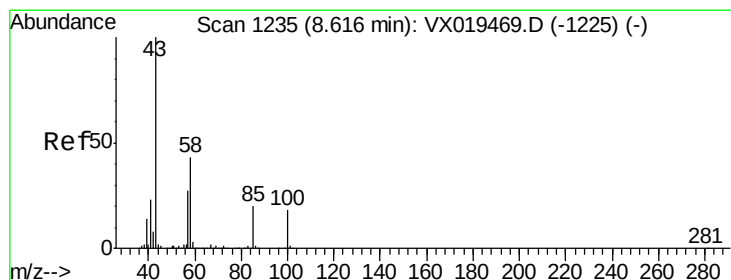
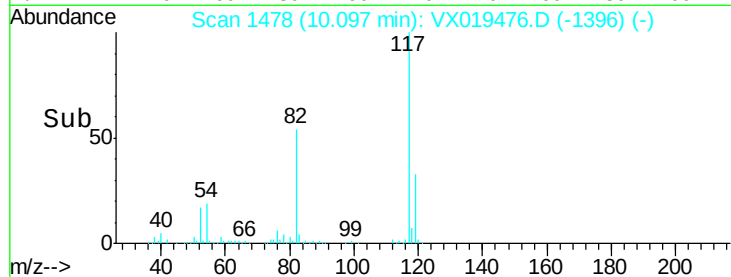
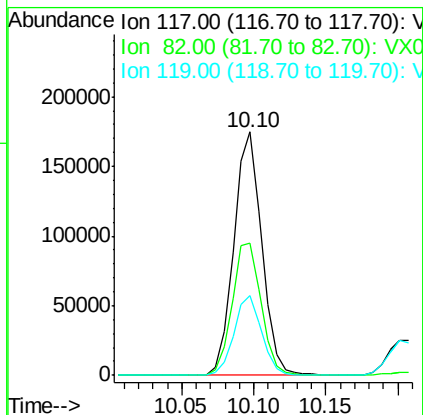
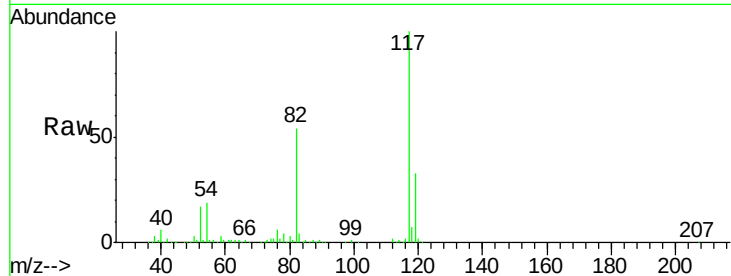




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

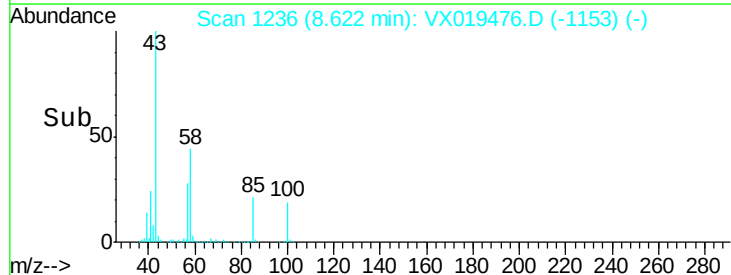
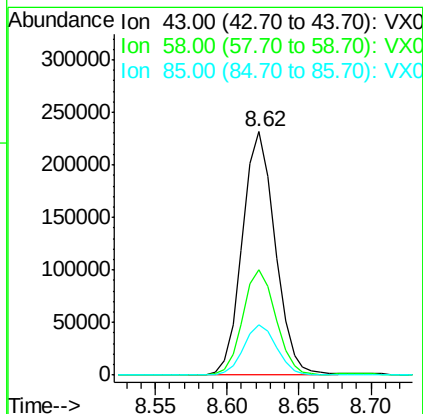
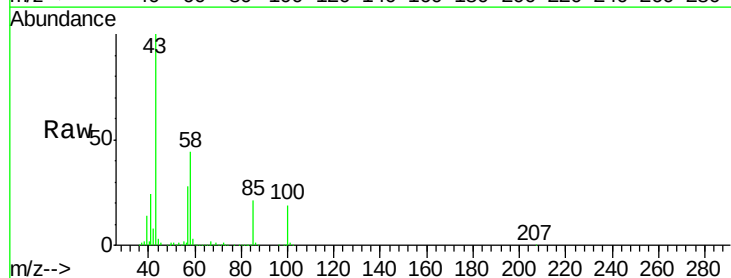
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

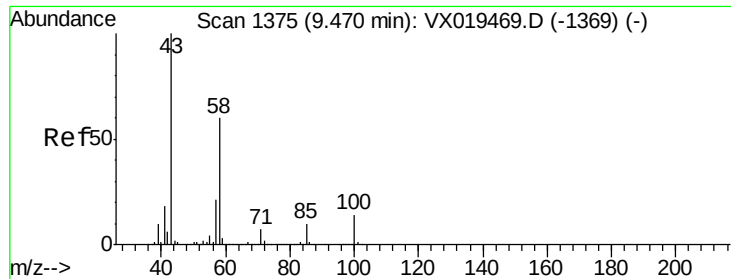
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.5	66.7
119	32.6	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 96.818 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.7	35.1	52.7
85	20.8	16.7	25.1

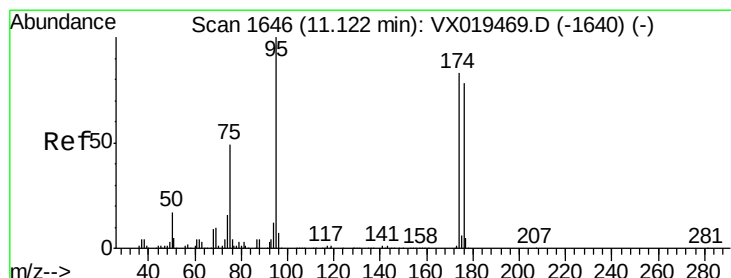
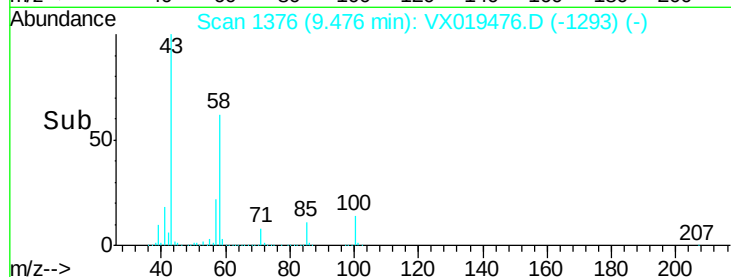
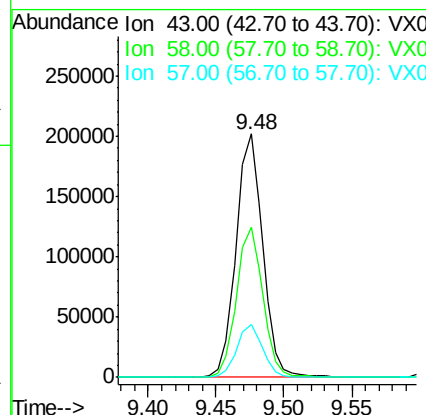
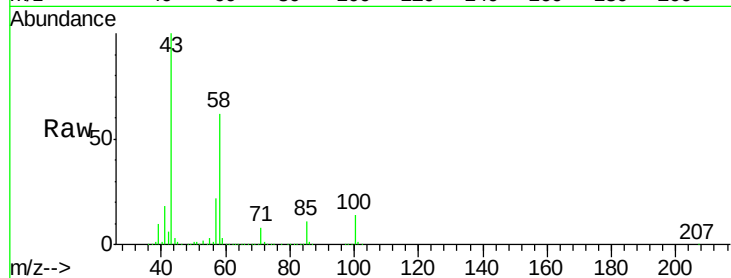




#59
2-Hexanone
Concen: 94.359 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

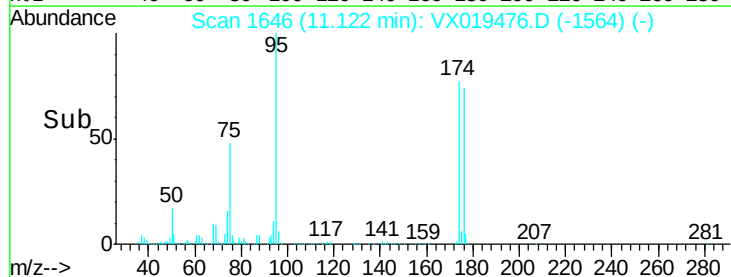
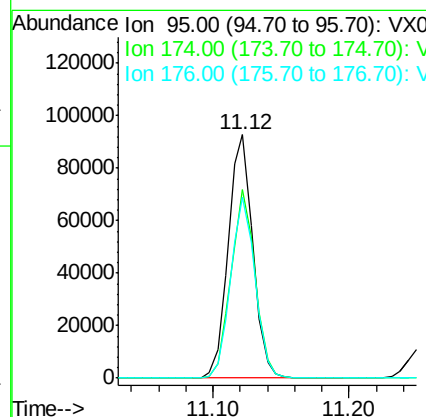
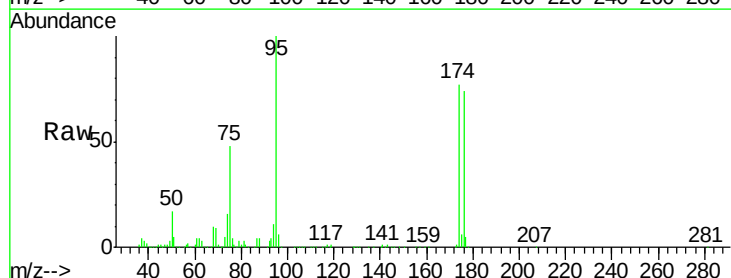
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

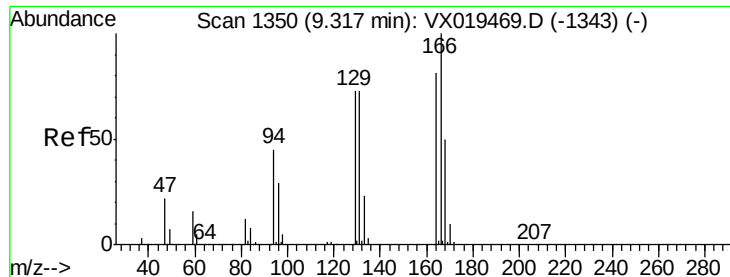
Tot Ion: 43 Resp: 275573
Ion Ratio Lower Upper
43 100
58 61.5 49.0 73.6
57 21.4 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 29.923 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion: 95 Resp: 115663
Ion Ratio Lower Upper
95 100
174 76.2 63.5 95.3
176 74.5 59.8 89.6





#61

Tetrachloroethene

Concen: 19.026 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

Tot Ion:164 Resp: 58763

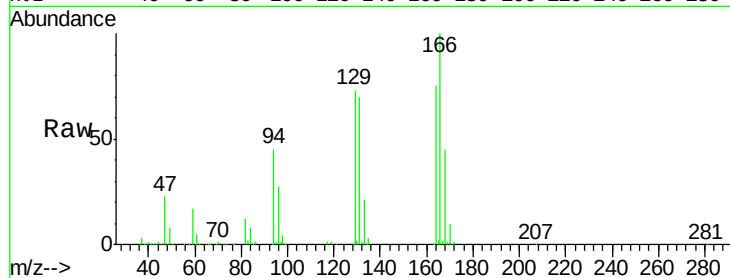
Ion Ratio Lower Upper

164 100

166 134.0 99.4 149.0

129 97.9 72.6 108.8

131 94.2 72.6 108.8

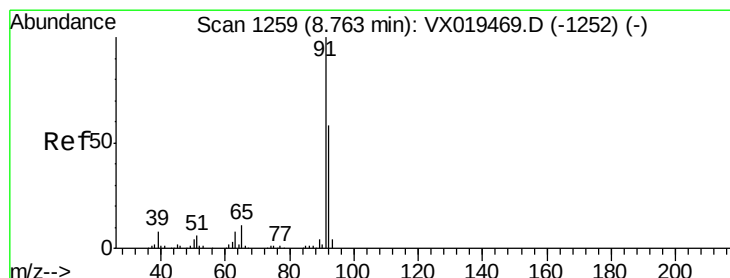
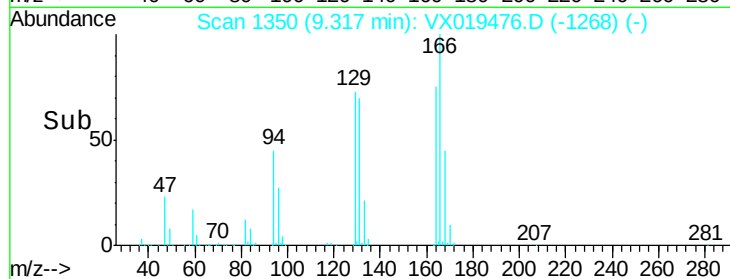
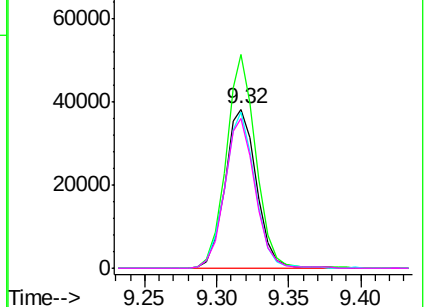


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.682 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019476.D

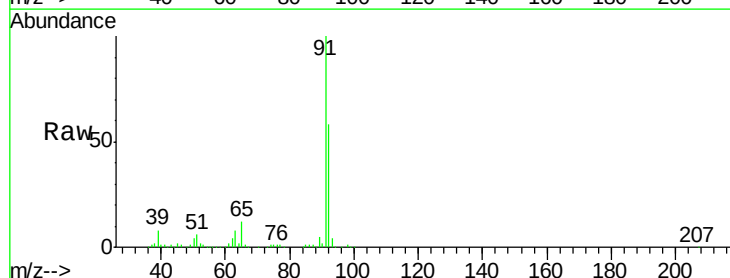
Acq: 19 Nov 2020 19:18

Tgt Ion: 91 Resp: 247670

Ion Ratio Lower Upper

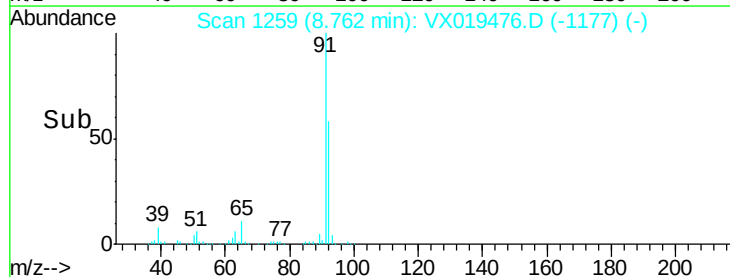
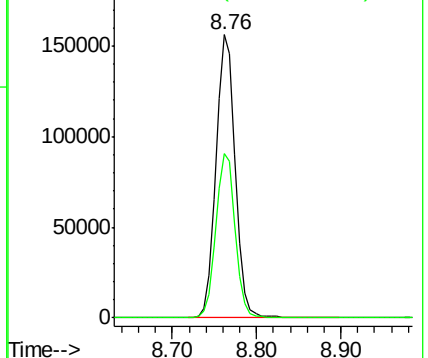
91 100

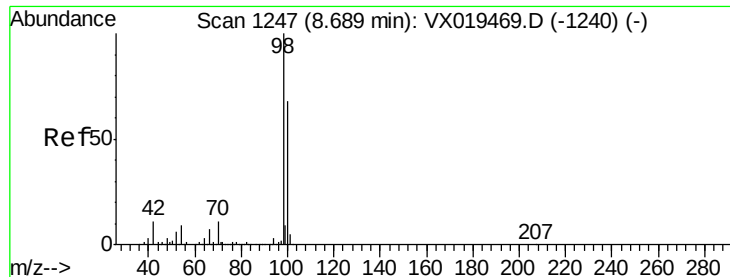
92 58.3 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.610 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

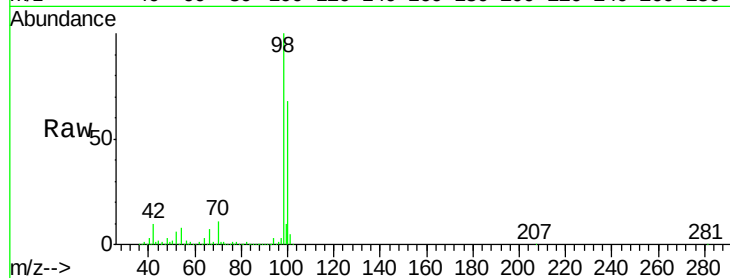
VX1120WBSD01

Tot Ion: 98 Resp: 312827

Ion Ratio Lower Upper

98 100

100 66.2 53.6 80.4



Abundance Ion 98.00 (97.70 to 98.70): VX019469.D (-1240) (-)

Ion 100.00 (99.70 to 100.70): VX019469.D (-1240) (-)

8.70

200000

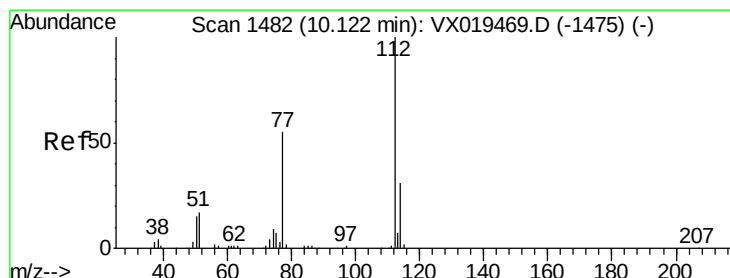
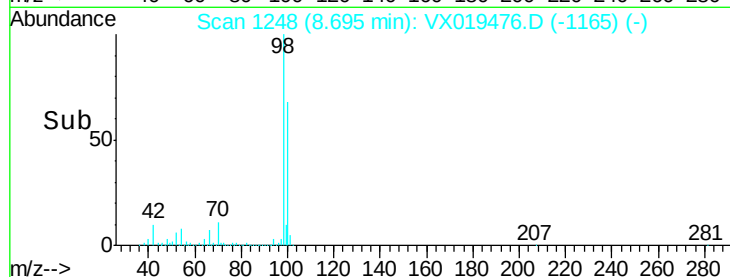
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#64

Chlorobenzene

Concen: 18.757 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019476.D

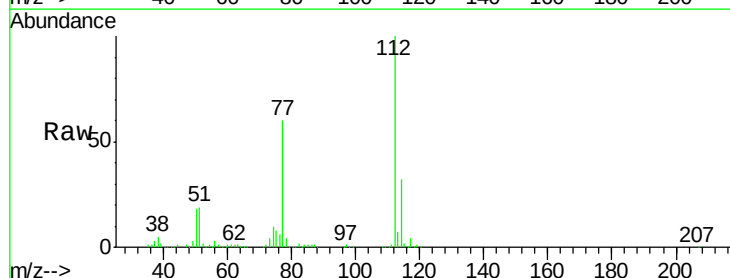
Acq: 19 Nov 2020 19:18

Tgt Ion: 112 Resp: 151452

Ion Ratio Lower Upper

112 100

114 32.1 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): VX019469.D (-1475) (-)

Ion 114.00 (113.70 to 114.70): VX019469.D (-1475) (-)

10.12

120000

100000

80000

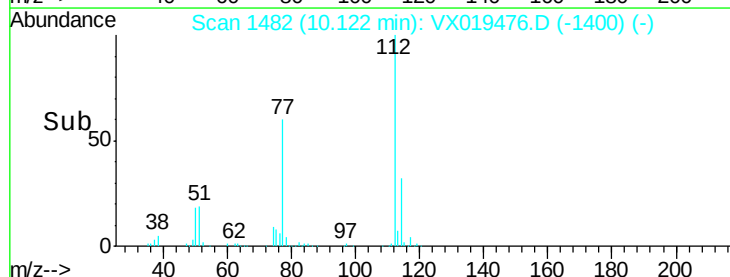
60000

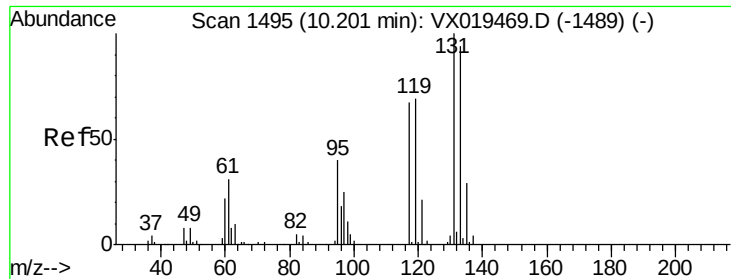
40000

20000

0

Time--> 10.10 10.20





#65

1,1,1,2-Tetrachloroethane

Concen: 18.548 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

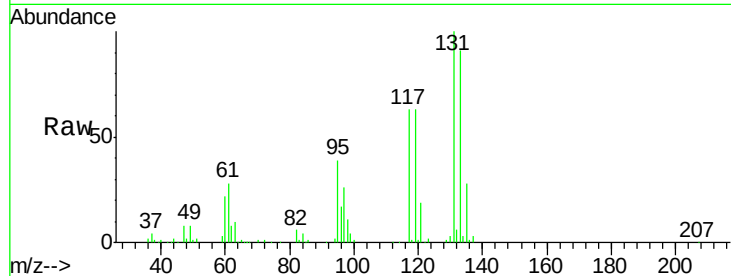
Tot Ion:131 Resp: 55134

Ion Ratio Lower Upper

131 100

133 94.7 0.0 189.4

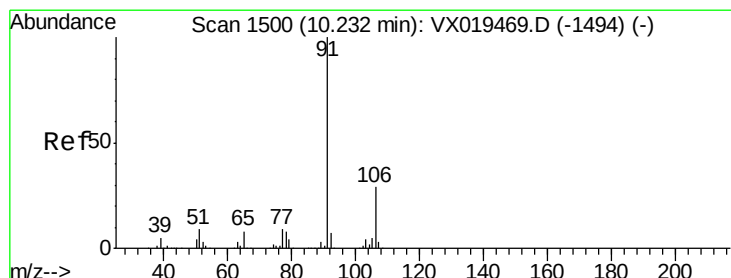
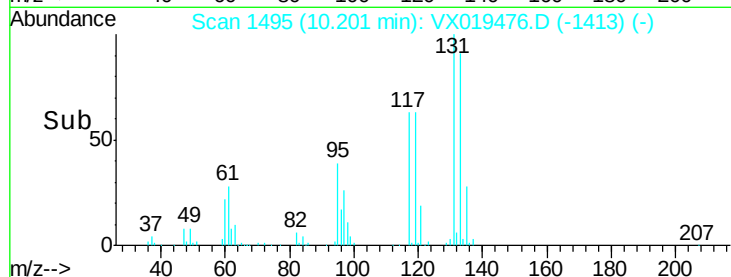
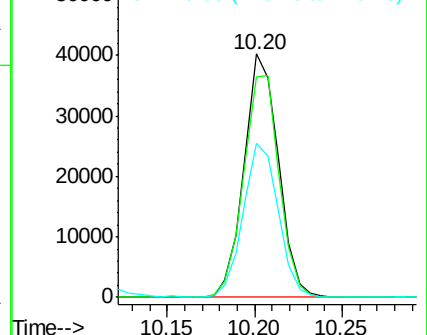
119 64.5 0.0 130.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.657 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019476.D

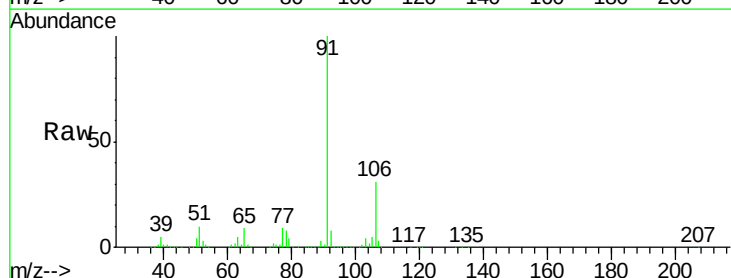
Acq: 19 Nov 2020 19:18

Tgt Ion: 91 Resp: 271012

Ion Ratio Lower Upper

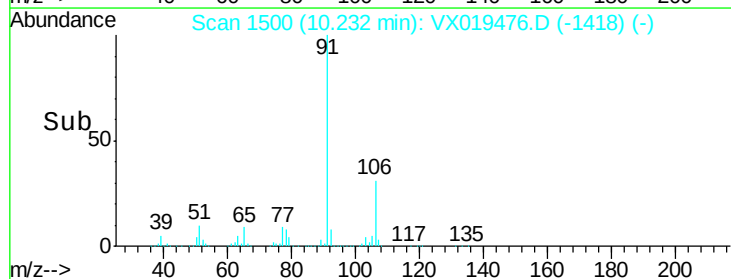
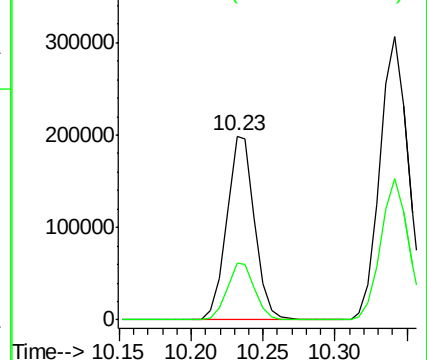
91 100

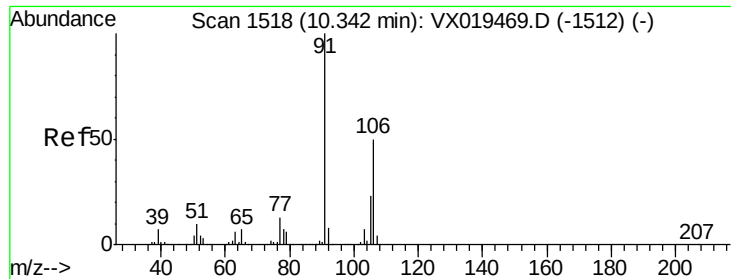
106 31.2 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

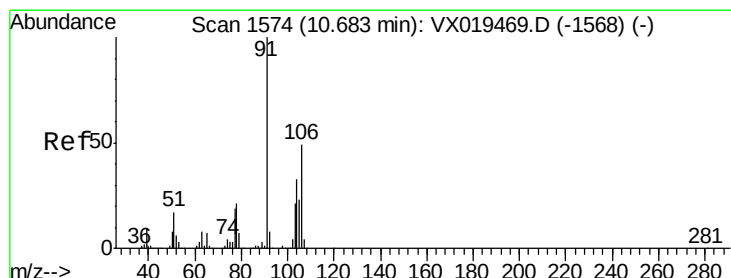
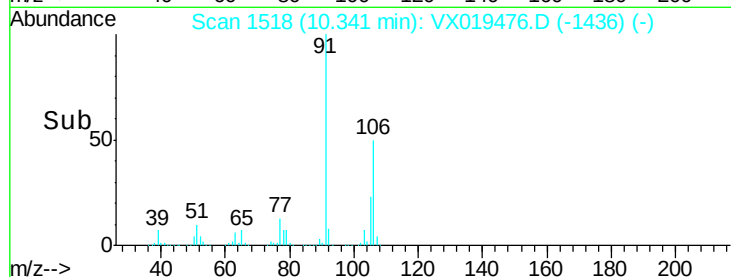
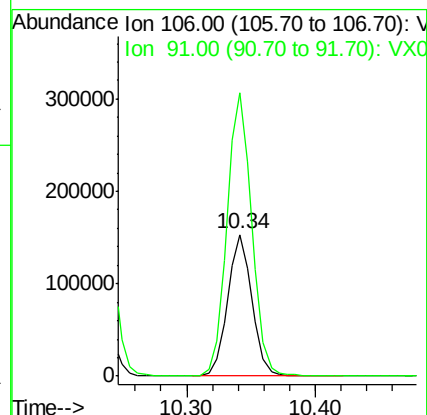
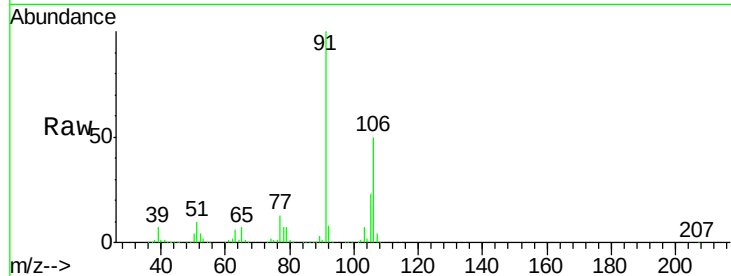




#67
m/p-Xylenes
Concen: 37.400 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

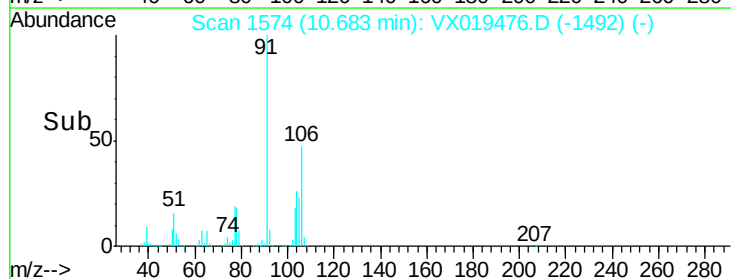
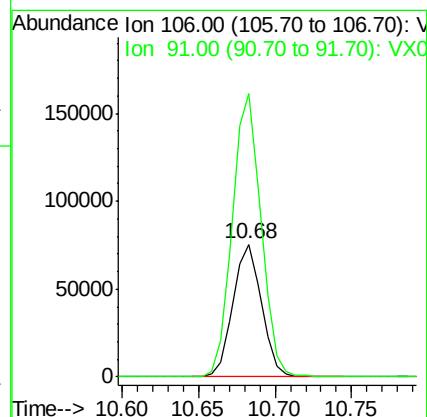
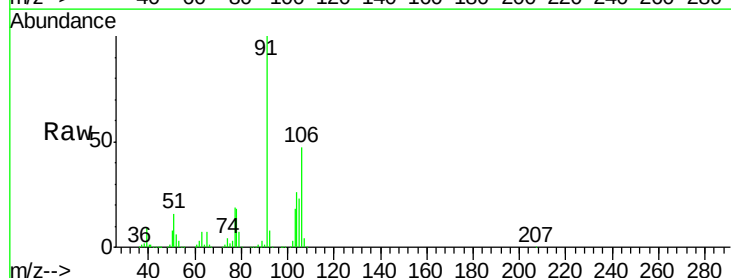
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

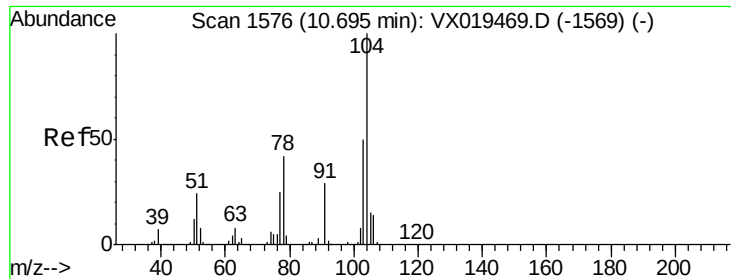
Tot Ion:106 Resp: 203471
Ion Ratio Lower Upper
106 100
91 203.9 162.7 244.1



#68
o-Xylene
Concen: 18.945 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion:106 Resp: 97696
Ion Ratio Lower Upper
106 100
91 214.2 108.3 324.9





#69

Stvrene

Concen: 18.215 ug/l

RT: 10.69 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

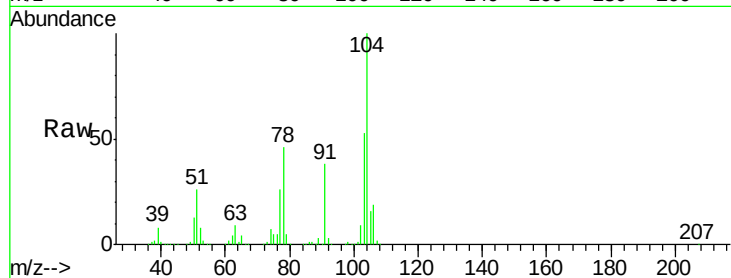
Tot Ion:104 Resp: 160037

Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

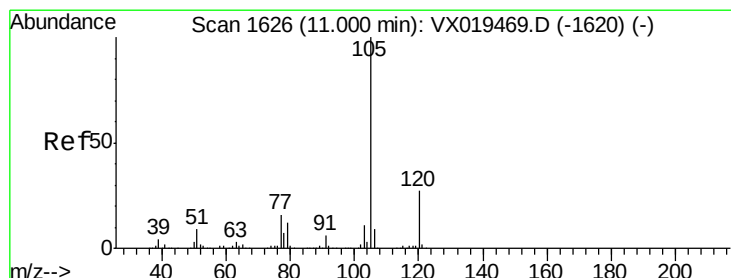
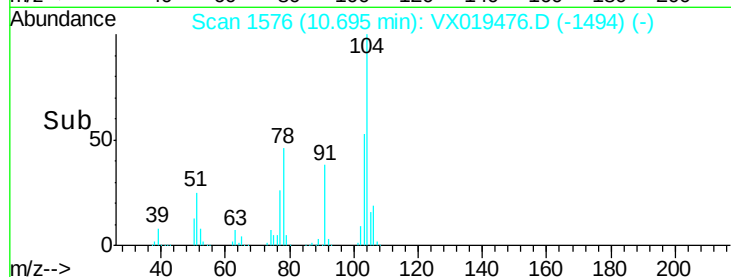
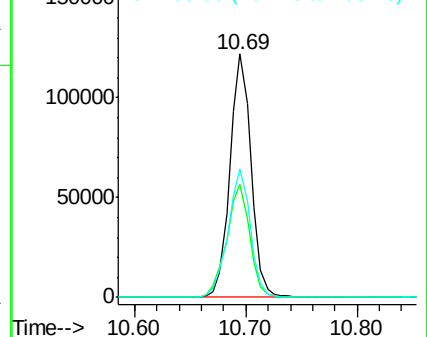
103 55.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.572 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019476.D

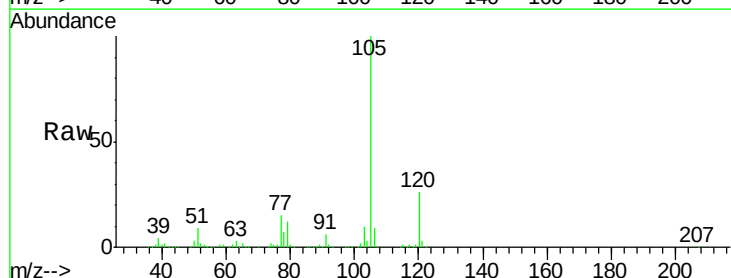
Acq: 19 Nov 2020 19:18

Tgt Ion:105 Resp: 259620

Ion Ratio Lower Upper

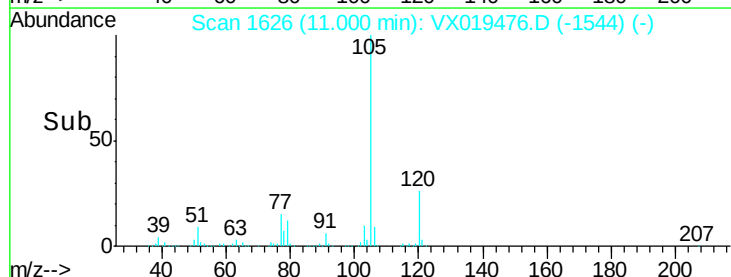
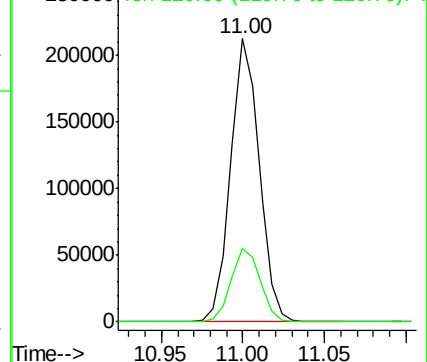
105 100

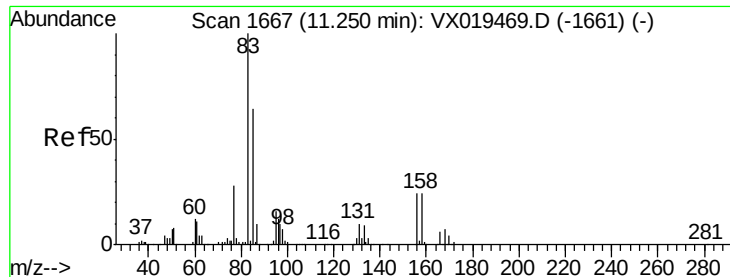
120 26.5 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.845 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

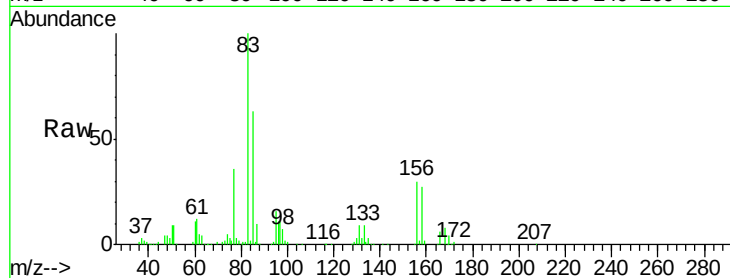
Tot Ion: 83 Resp: 89939

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

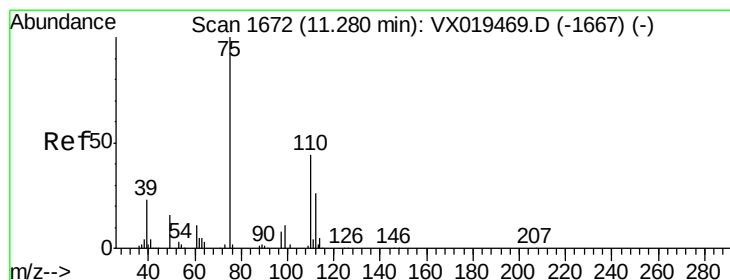
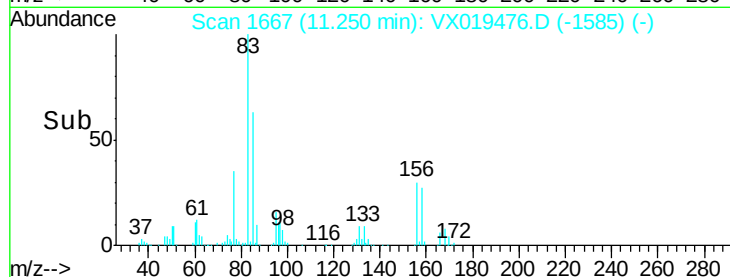
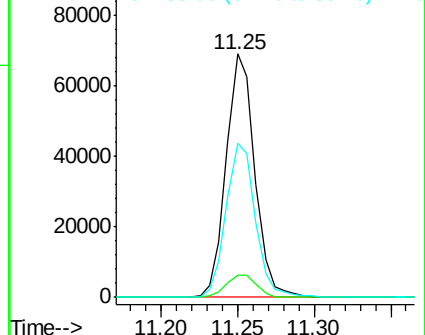
85 64.7 31.6 94.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.679 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019476.D

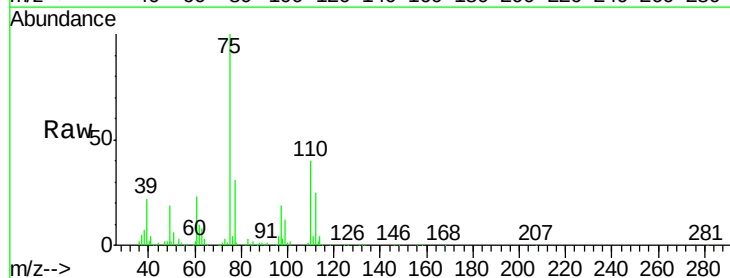
Acq: 19 Nov 2020 19:18

Tgt Ion: 75 Resp: 101593

Ion Ratio Lower Upper

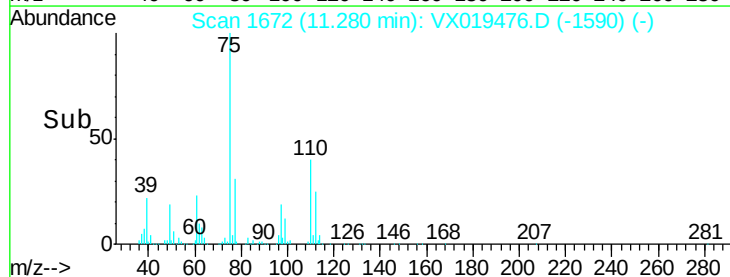
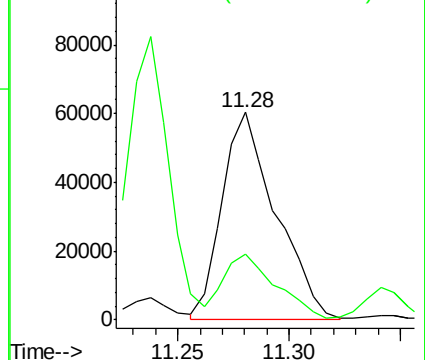
75 100

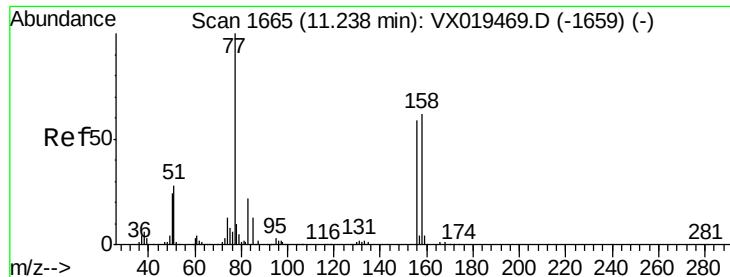
77 31.4 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.596 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

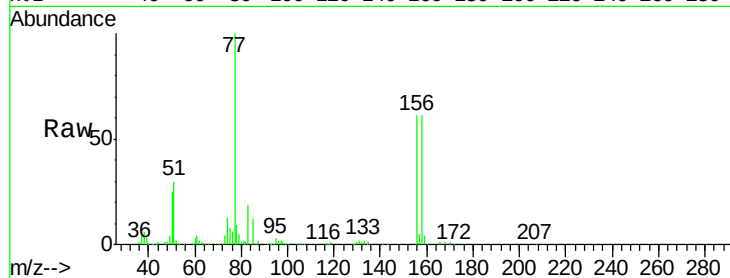
Tot Ion:156 Resp: 64840

Ion Ratio Lower Upper

156 100

77 164.3 0.0 329.0

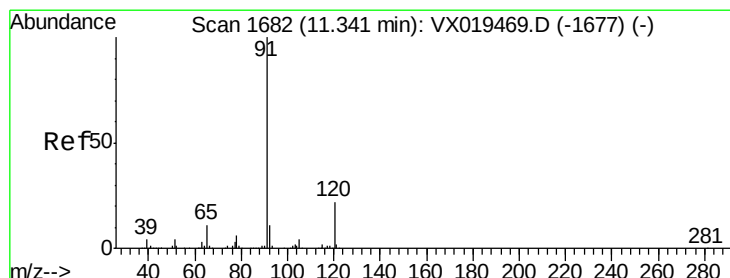
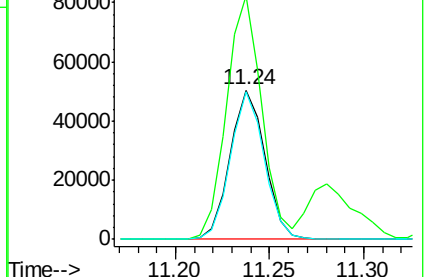
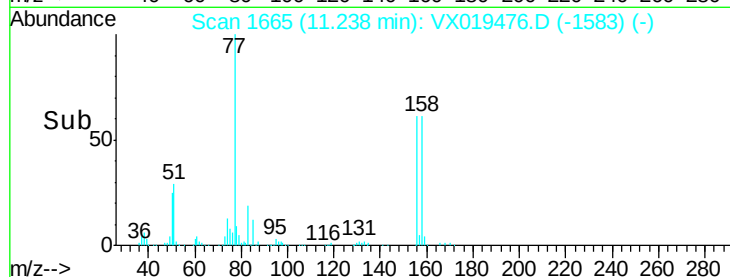
158 96.4 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.782 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019476.D

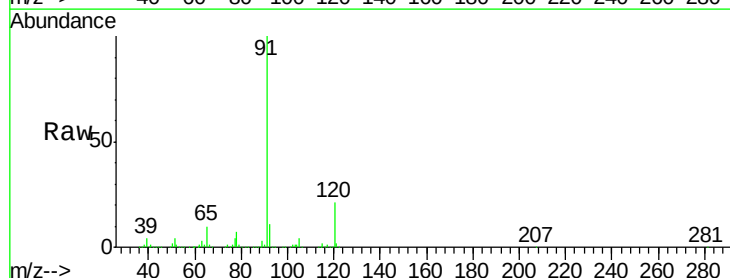
Acq: 19 Nov 2020 19:18

Tgt Ion: 91 Resp: 305294

Ion Ratio Lower Upper

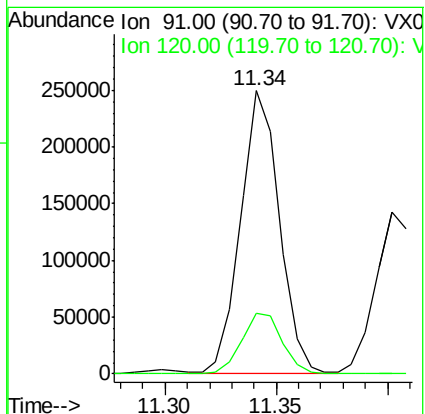
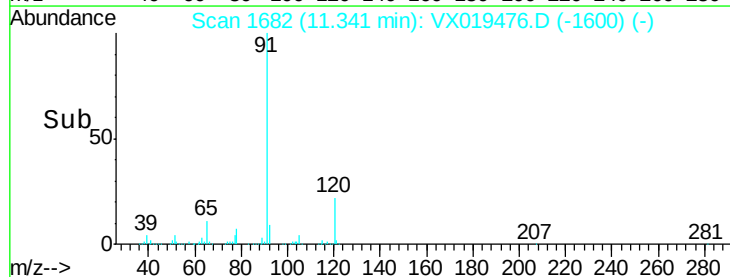
91 100

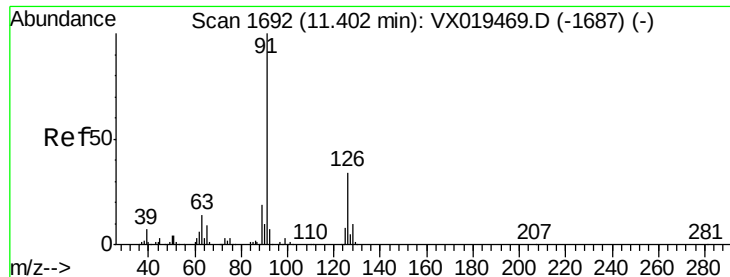
120 22.3 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.746 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

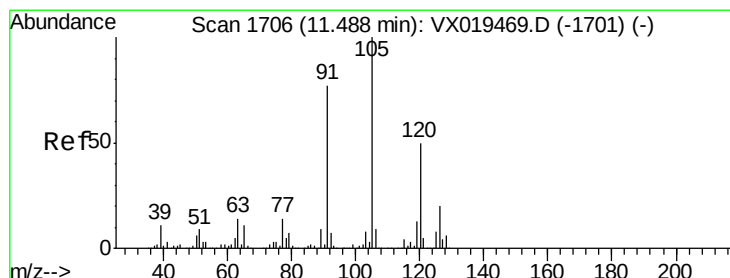
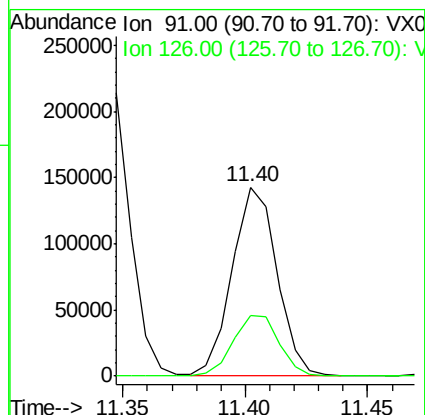
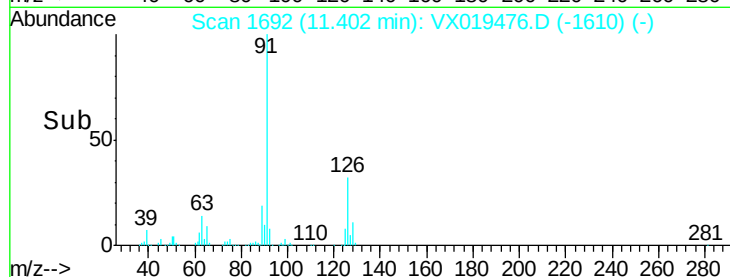
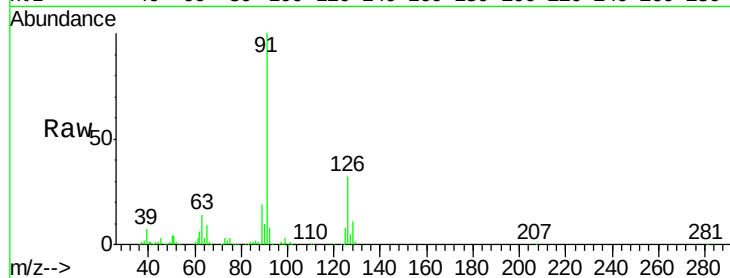
VX1120WBSD01

Tot Ion: 91 Resp: 182700

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.4



#76

1,3,5-Trimethylbenzene

Concen: 18.624 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019476.D

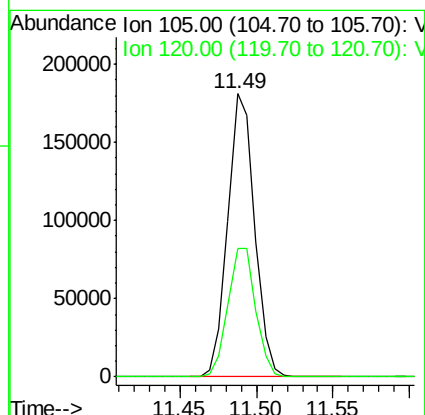
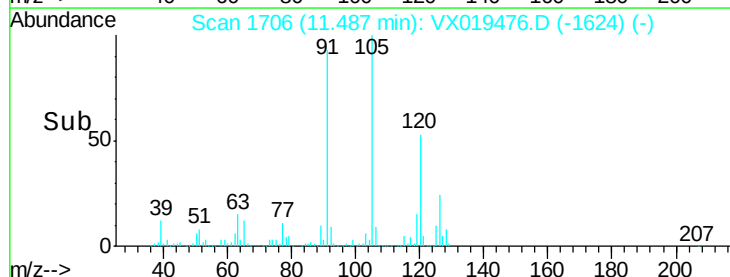
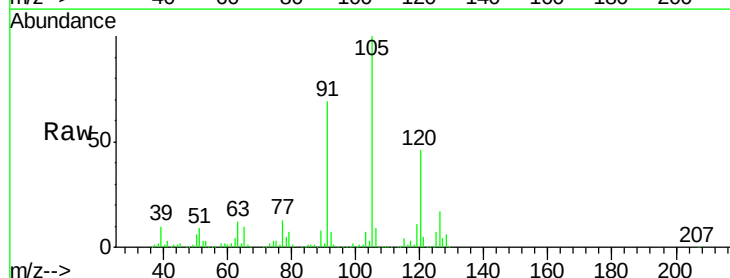
Acq: 19 Nov 2020 19:18

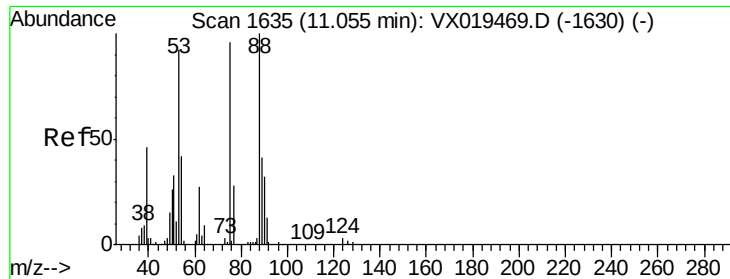
Tgt Ion: 105 Resp: 220600

Ion Ratio Lower Upper

105 100

120 47.2 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.572 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

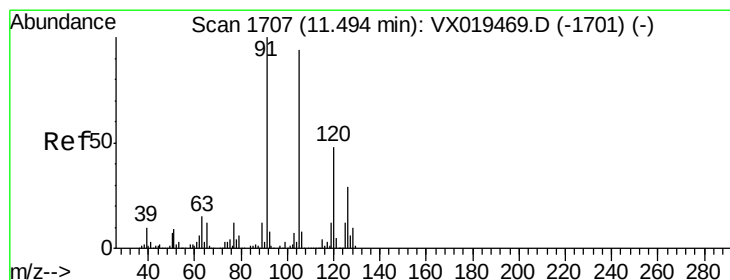
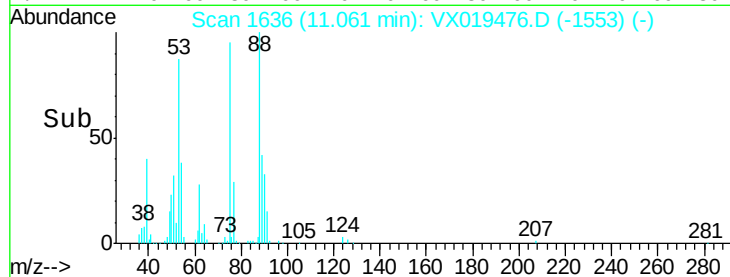
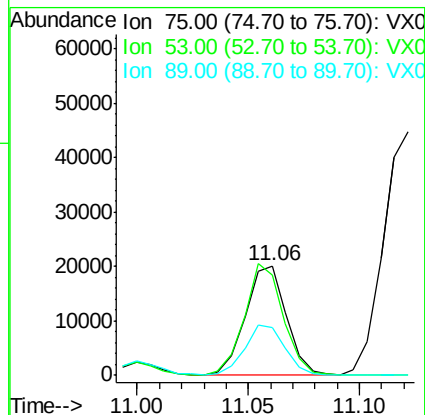
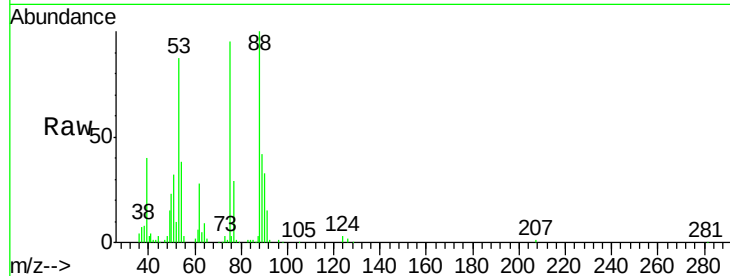
Tot Ion: 75 Resp: 25839

Ion Ratio Lower Upper

75 100

53 92.1 47.9 143.6

89 43.8 21.4 64.2



#78

4-Chlorotoluene

Concen: 18.588 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019476.D

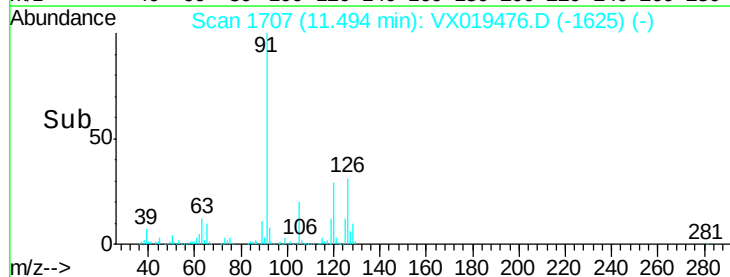
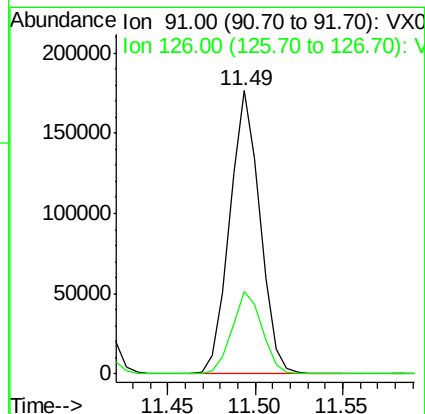
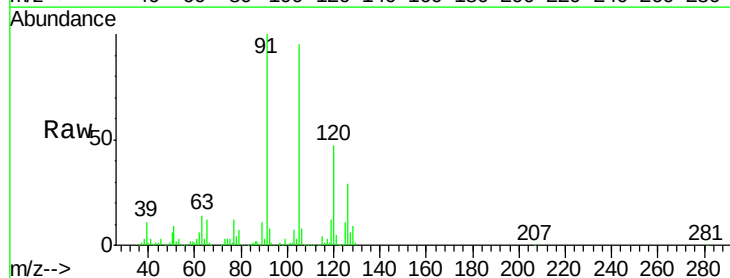
Acq: 19 Nov 2020 19:18

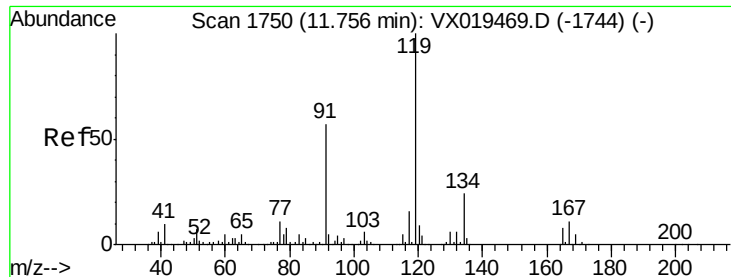
Tgt Ion: 91 Resp: 211754

Ion Ratio Lower Upper

91 100

126 28.9 0.0 58.6

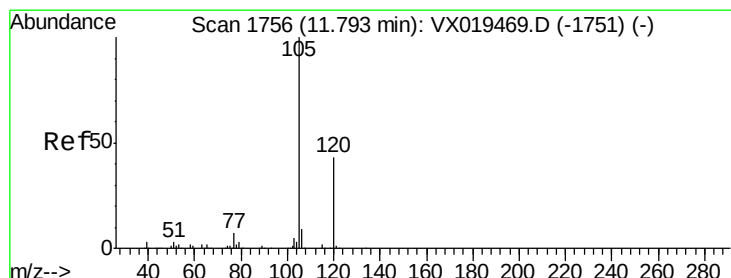
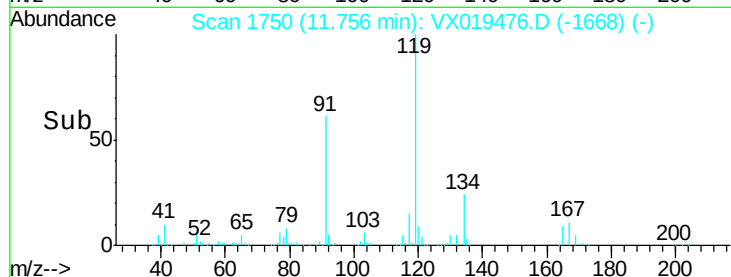
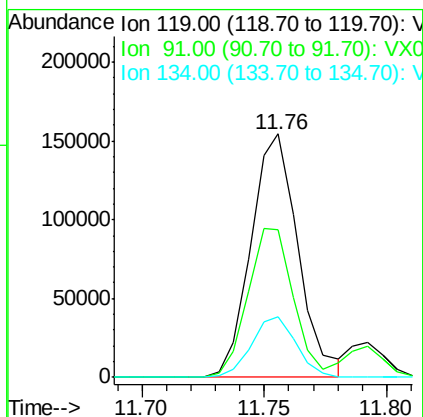
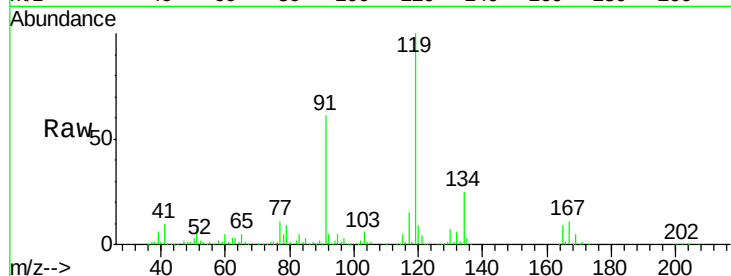




#79
tert-butylbenzene
Concen: 18.269 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

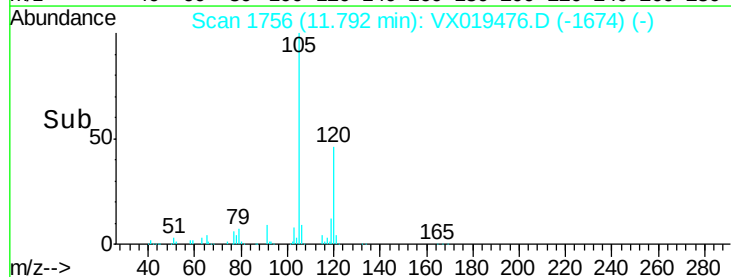
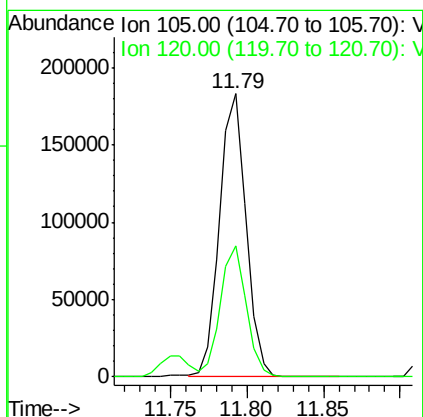
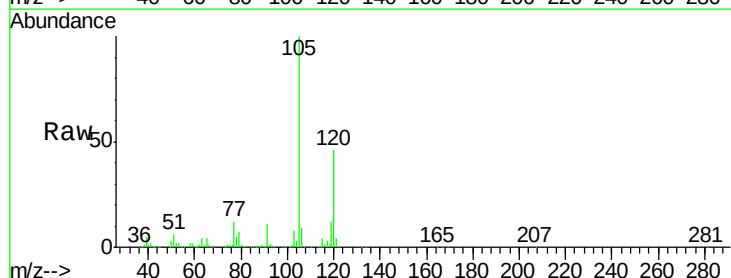
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

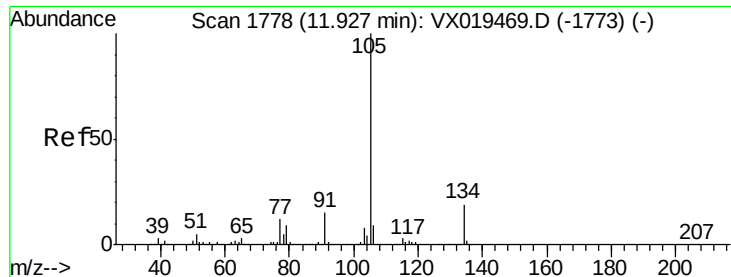
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	0.0	117.0
134	23.7	0.0	47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.495 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019476.D
Acq: 19 Nov 2020 19:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	91.2

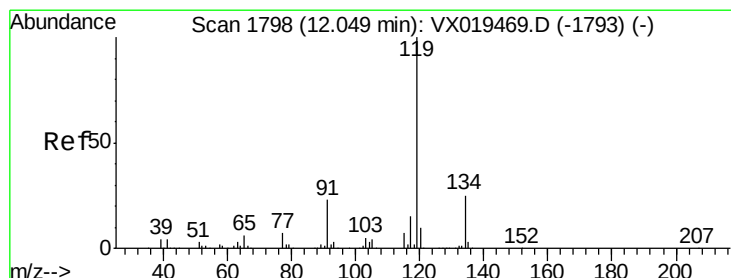
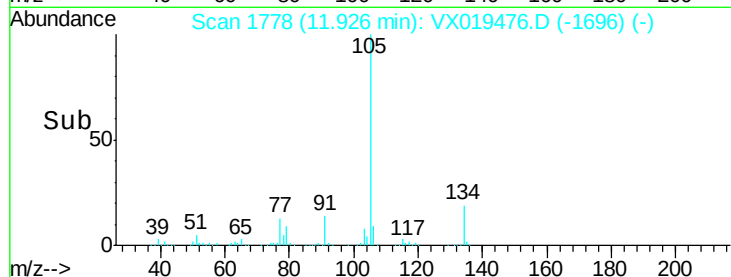
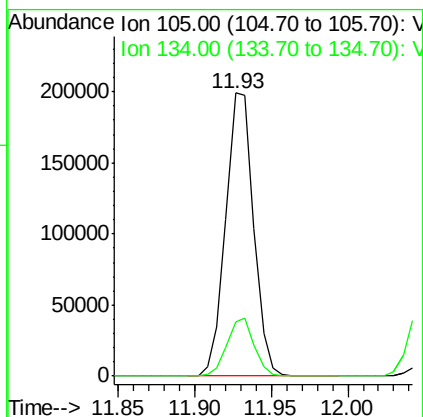
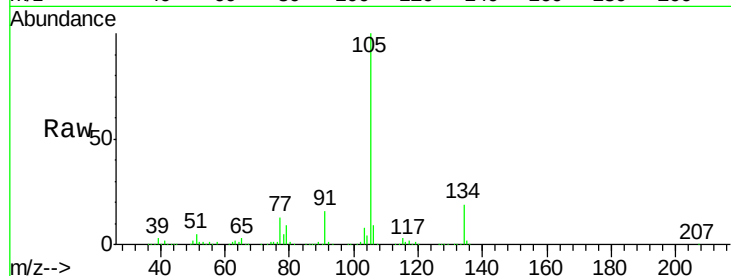




#81
 sec-Butylbenzene
 Concen: 18.530 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

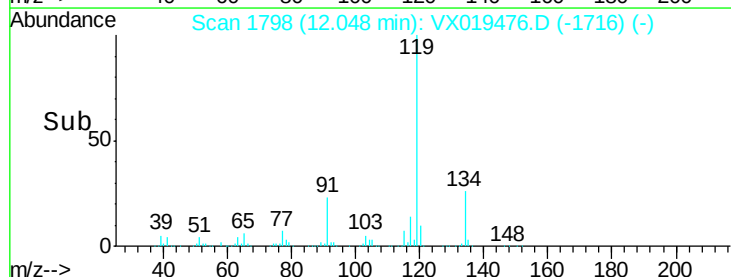
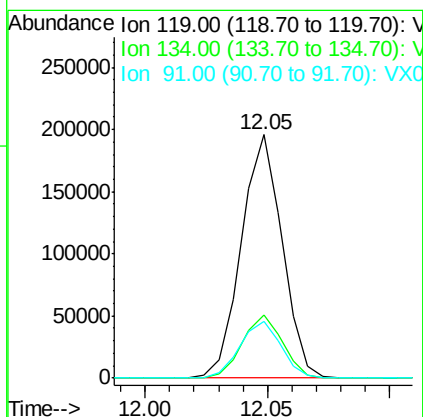
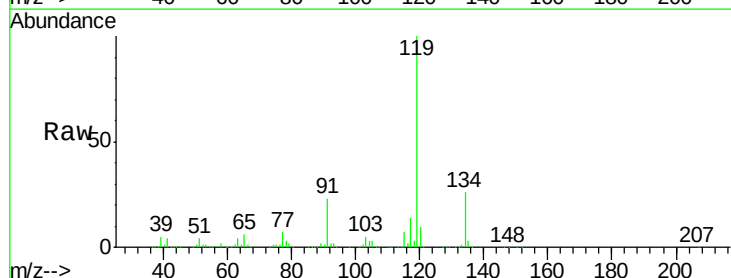
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

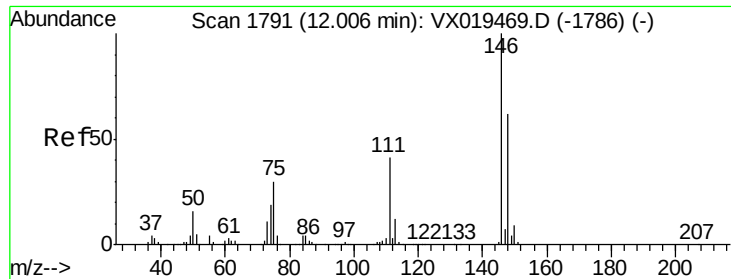
Tot Ion:105 Resp: 252726
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 18.274 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion:119 Resp: 226643
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 23.7 0.0 47.6

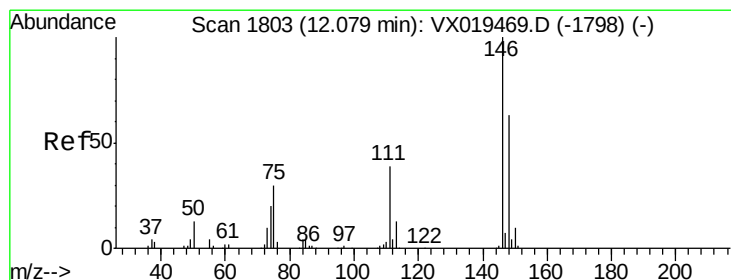
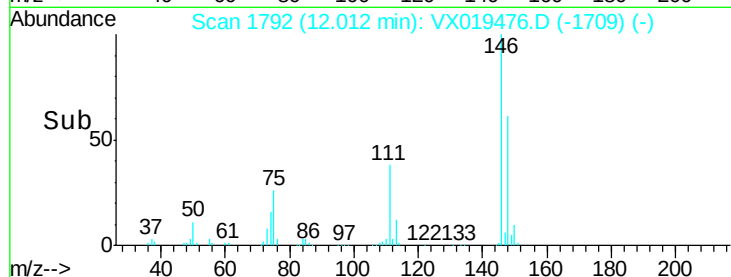
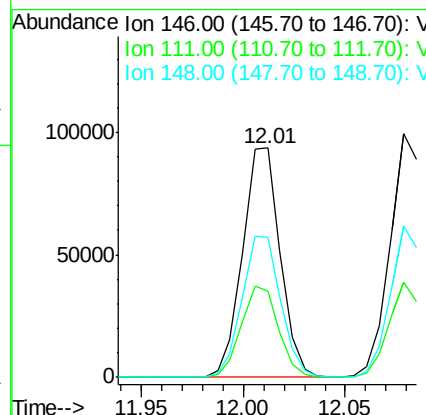
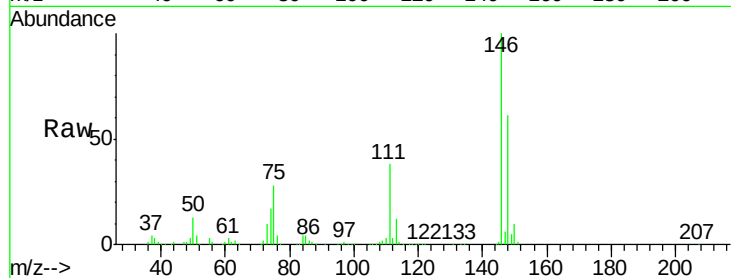




#83
 1,3-Dichlorobenzene
 Concen: 18.659 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

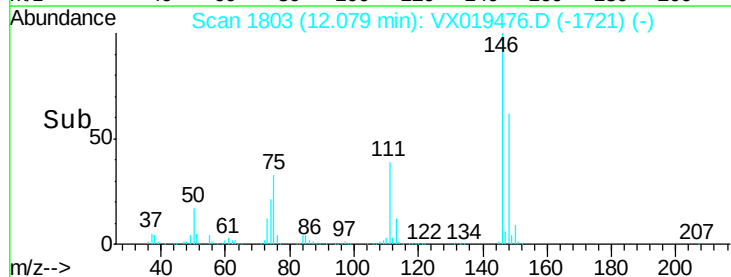
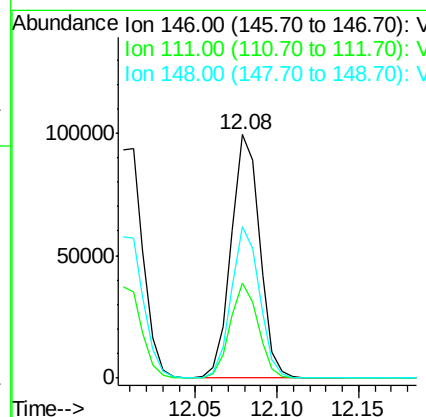
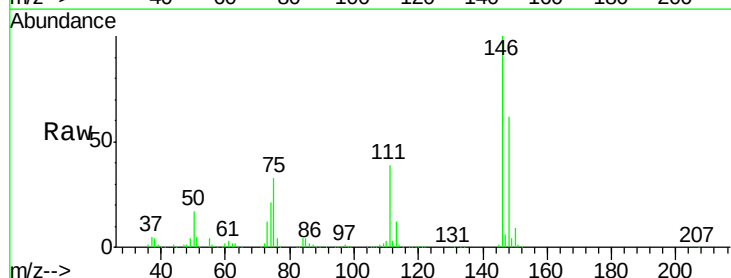
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

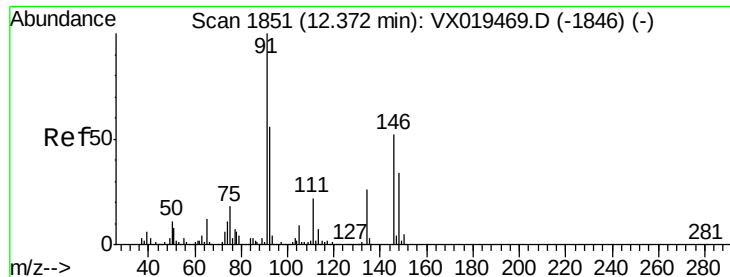
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	62.8	31.4	94.0



#84
 1,4-Dichlorobenzene
 Concen: 18.588 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	61.7	31.4	94.2





#85

n-Butylbenzene

Concen: 17.834 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBSD01

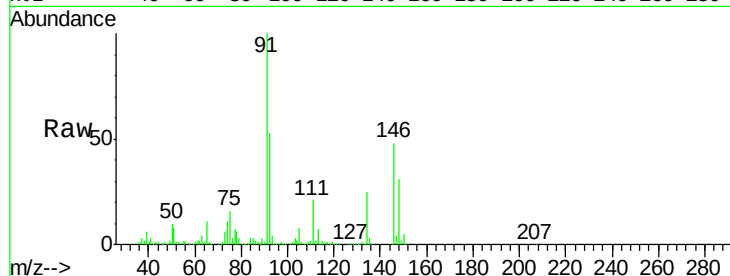
Tot Ion: 91 Resp: 201837

Ion Ratio Lower Upper

91 100

92 52.6 0.0 111.2

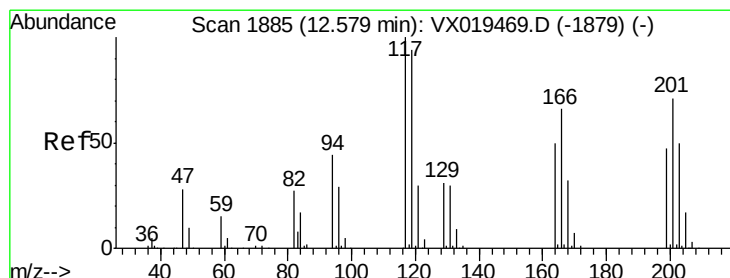
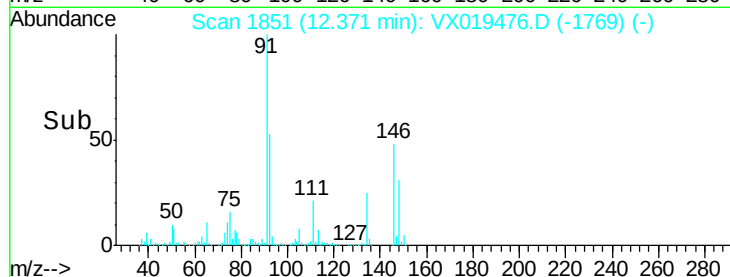
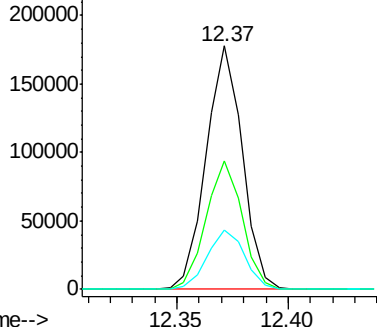
134 25.1 0.0 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX019476.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX019476.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019476.D (-1846) (-)



#86

Hexachloroethane

Concen: 17.502 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019476.D

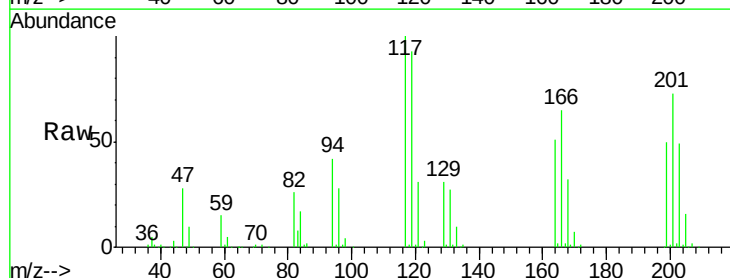
Acq: 19 Nov 2020 19:18

Tgt Ion: 117 Resp: 36534

Ion Ratio Lower Upper

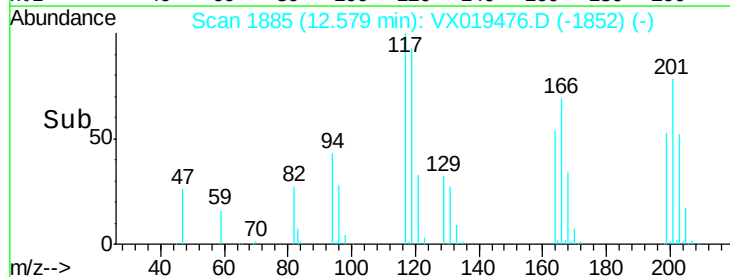
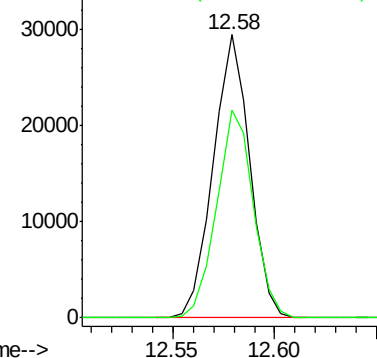
117 100

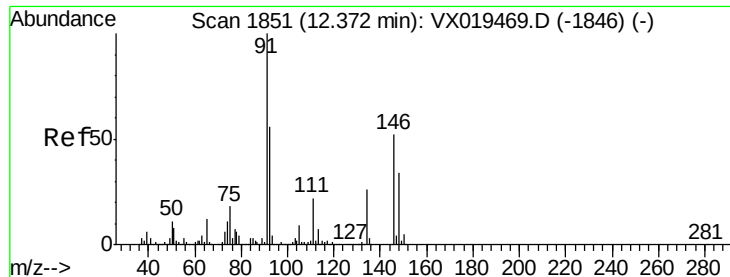
201 74.0 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019476.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019476.D (-1879) (-)

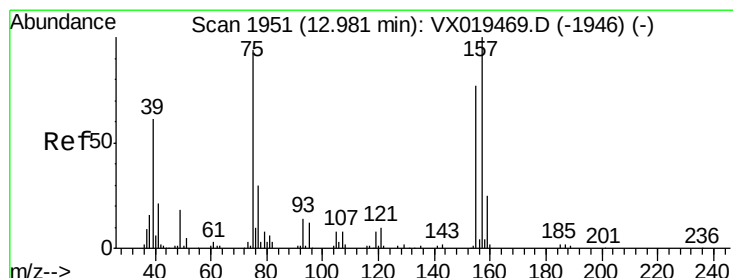
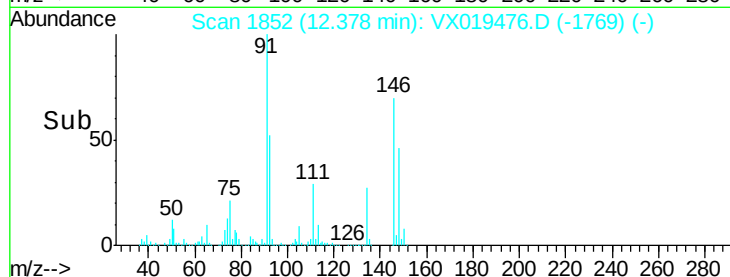
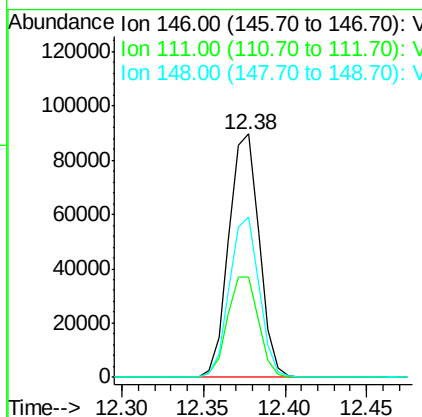
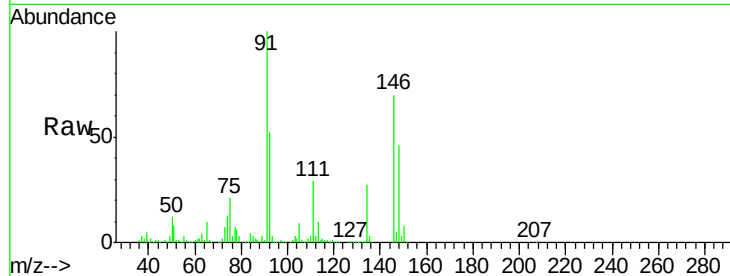




#87
 1,2-Dichlorobenzene
 Concen: 18.332 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

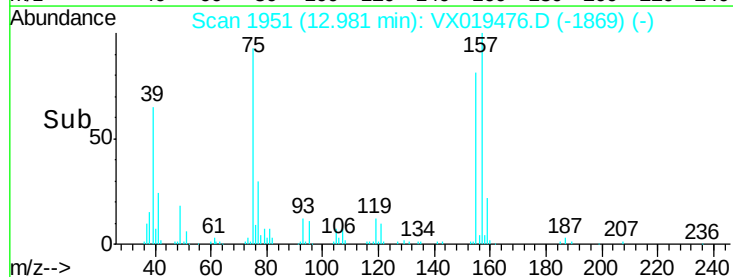
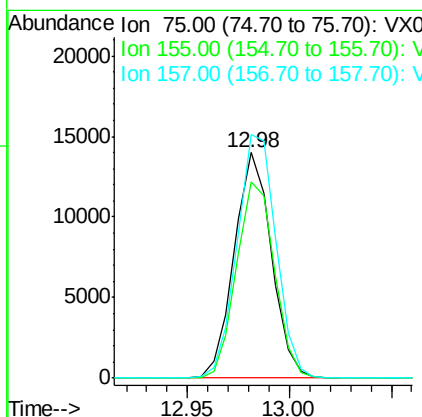
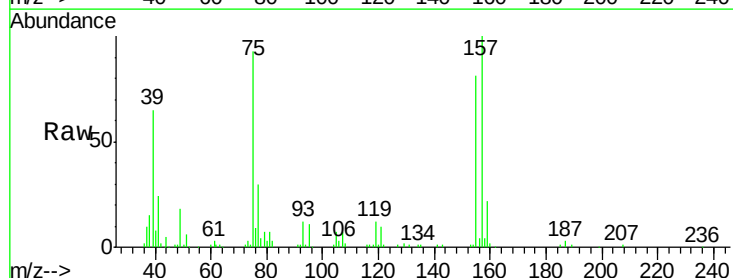
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

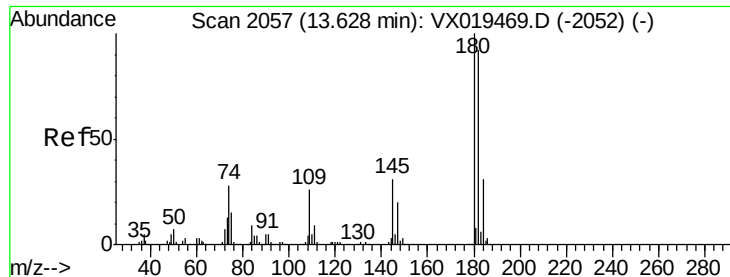
Tot Ion:146 Resp: 116580
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.6
 148 64.3 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.619 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion: 75 Resp: 17675
 Ion Ratio Lower Upper
 75 100
 155 89.2 68.6 103.0
 157 113.6 90.0 135.0

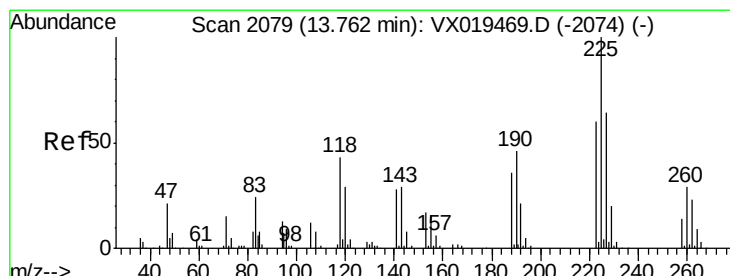
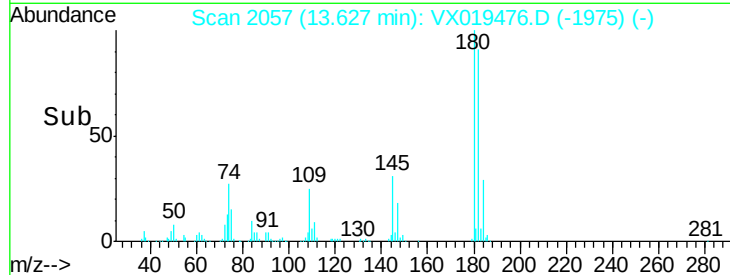
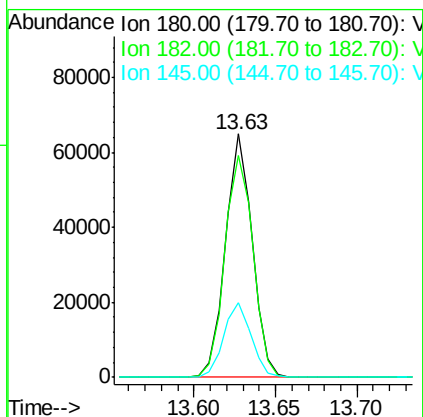
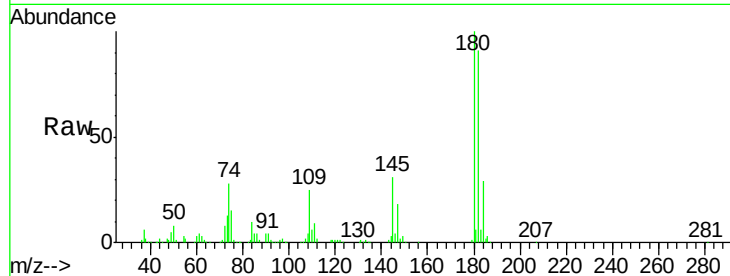




#89
 1,2,4-Trichlorobenzene
 Concen: 17.448 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

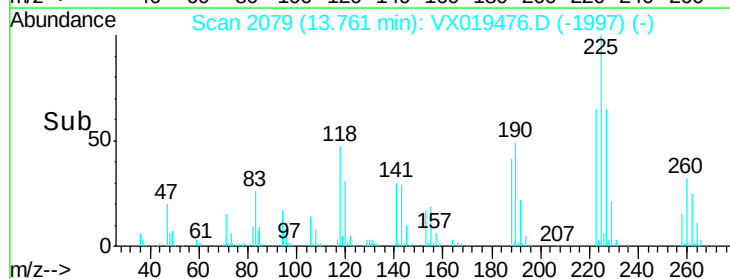
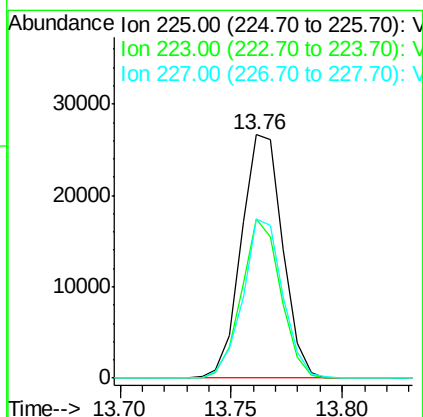
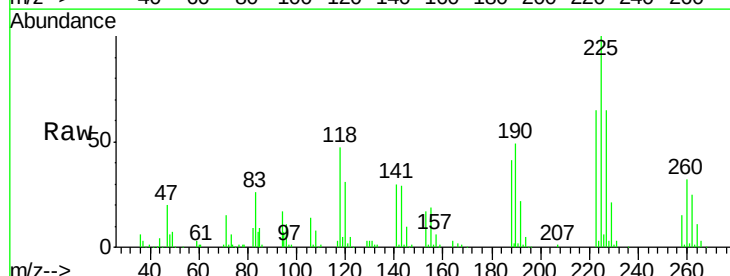
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBSD01

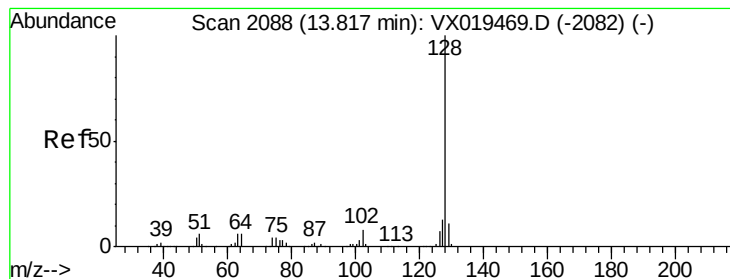
Tot Ion:180 Resp: 74056
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.1 114.1
 145 31.4 24.7 37.1



#90
 Hexachlorobutadiene
 Concen: 18.059 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019476.D
 Acq: 19 Nov 2020 19:18

Tgt Ion:225 Resp: 34454
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 119.2
 227 63.0 0.0 126.4





#91

Naphthalene

Concen: 17.686 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

Instrument :

MSVOA_X

ClientSampled :

VX1120WBSD01

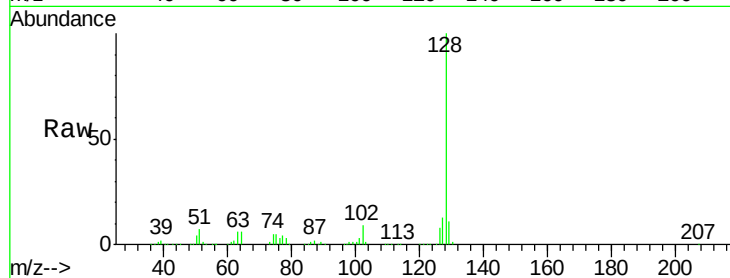
Tot Ion:128 Resp: 238787

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

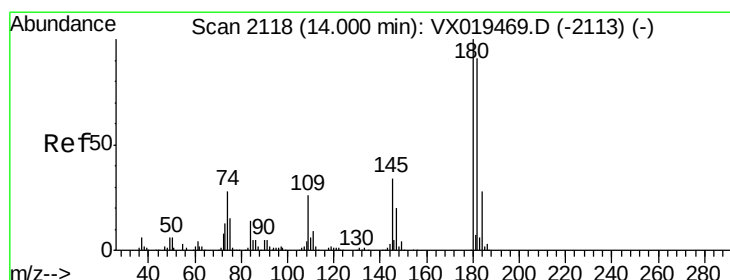
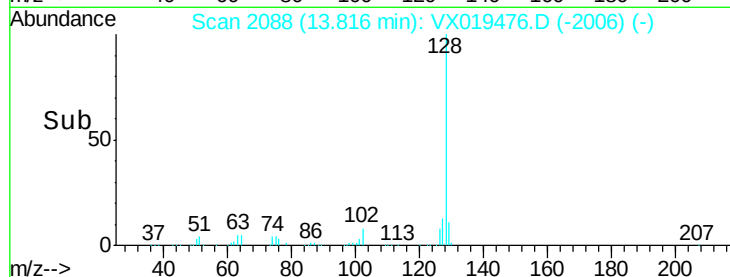
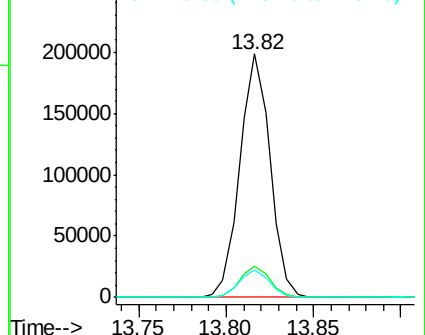
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.982 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019476.D

Acq: 19 Nov 2020 19:18

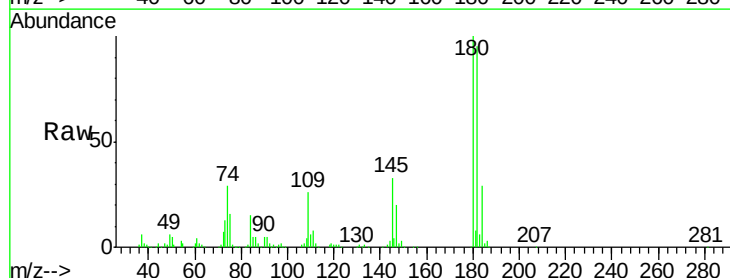
Tgt Ion:180 Resp: 76301

Ion Ratio Lower Upper

180 100

182 95.1 0.0 192.2

145 32.6 0.0 63.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

