

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
 Data File : VX019882.D
 Acq On : 11 Dec 2020 18:10
 Operator : JC/MD
 Sample : VX1211WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

Quant Time: Dec 12 00:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	280547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	449396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	416554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208003	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	175064	47.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.96%	
35) Dibromofluoromethane		5.46	113	139957	48.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.38%	
50) Toluene-d8		8.70	98	535739	48.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.64%	
62) 4-Bromofluorobenzene		11.12	95	205021	48.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45099	17.558	ug/l	100
3) Chloromethane	1.31	50	48676	16.114	ug/l	98
4) Vinyl Chloride	1.39	62	56122	17.620	ug/l	98
5) Bromomethane	1.62	94	32583	30.809	ug/l	97
6) Chloroethane	1.71	64	36992	19.334	ug/l	98
7) Trichlorofluoromethane	1.92	101	80678	18.188	ug/l	97
8) Diethyl Ether	2.17	74	35664	18.973	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50461	19.847	ug/l	99
10) Methyl Iodide	2.49	142	58820	15.695	ug/l	99
11) Tert butyl alcohol	3.01	59	73220	94.971	ug/l	100
12) 1,1-Dichloroethene	2.36	96	47818	18.603	ug/l	99
13) Acrolein	2.27	56	25977	63.826	ug/l	99
14) Allyl chloride	2.70	41	78859	18.165	ug/l	97
15) Acrylonitrile	3.11	53	166083	99.637	ug/l	100
16) Acetone	2.42	43	131629	94.975	ug/l	98
17) Carbon Disulfide	2.55	76	113452	15.383	ug/l	100
18) Methyl Acetate	2.75	43	71537	21.093	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	184807	19.742	ug/l	100
20) Methylene Chloride	2.83	84	60746	18.297	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	54608	18.223	ug/l	97
22) Diisopropyl ether	3.82	45	175386	19.982	ug/l	99
23) Vinyl Acetate	3.78	43	735124	98.307	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101435	19.164	ug/l	99
25) 2-Butanone	4.63	43	211394	99.264	ug/l	99
26) 2,2-Dichloropropane	4.54	77	81974	17.984	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64787	18.474	ug/l	99
28) Bromochloromethane	4.98	49	48208	19.106	ug/l	97
29) Tetrahydrofuran	5.08	42	134784	98.233	ug/l	100
30) Chloroform	5.17	83	105066	19.305	ug/l	99
31) Cyclohexane	5.54	56	83750	18.260	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	87640	18.699	ug/l	100
36) 1,1-Dichloropropene	5.76	75	74742	18.405	ug/l	98
37) Ethyl Acetate	4.79	43	80762	19.697	ug/l	100
38) Carbon Tetrachloride	5.74	117	72454	18.220	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	87656	18.372	ug/l	99
40) Benzene	6.11	78	235408	18.977	ug/l	99
41) Methacrylonitrile	5.00	41	44158	19.616	ug/l	99
42) 1,2-Dichloroethane	6.15	62	83421	19.683	ug/l	100
43) Isopropyl Acetate	6.40	43	127809	19.173	ug/l	100
44) Trichloroethene	7.18	130	60297	18.526	ug/l	100
45) 1,2-Dichloropropane	7.48	63	60849	19.627	ug/l	99
46) Dibromomethane	7.63	93	40418	19.305	ug/l	100
47) Bromodichloromethane	7.87	83	78965	19.007	ug/l	98
48) Methyl methacrylate	7.74	41	63531	19.379	ug/l	98
49) 1,4-Dioxane	7.71	88	31221	393.120	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	411070	101.005	ug/l	100
52) Toluene	8.76	92	147667	19.033	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85102	18.459	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	94607	18.889	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	62818	20.092	ug/l	99
56) Ethyl methacrylate	9.16	69	91660	19.377	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104574	19.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255708	102.040	ug/l	100
59) 2-Hexanone	9.47	43	309466	98.099	ug/l	100
60) Dibromochloromethane	9.56	129	60705	19.110	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63928	19.255	ug/l	100
64) Tetrachloroethene	9.32	164	56084	20.077	ug/l	98
65) Chlorobenzene	10.12	112	157057	18.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56558	18.935	ug/l	99
67) Ethyl Benzene	10.23	91	276694	18.783	ug/l	99
68) m/p-Xylenes	10.34	106	210508	37.924	ug/l	100
69) o-Xylene	10.68	106	100429	18.808	ug/l	99
70) Styrene	10.70	104	169122	18.765	ug/l	100
71) Bromoform	10.84	173	42999	18.299	ug/l #	100
73) Isopropylbenzene	11.00	105	267794	18.845	ug/l	100
74) N-amyl acetate	10.88	43	105192	18.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97700	19.501	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	109938	23.566	ug/l	88
77) Bromobenzene	11.24	156	68324	18.788	ug/l	100
78) n-propylbenzene	11.34	91	310666	19.141	ug/l	99
79) 2-Chlorotoluene	11.40	91	191103	19.120	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229717	19.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28287	17.528	ug/l	95
82) 4-Chlorotoluene	11.49	91	220981	18.877	ug/l	99
83) tert-Butylbenzene	11.76	119	219719	18.680	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	234462	19.407	ug/l	99
85) sec-Butylbenzene	11.93	105	262917	19.578	ug/l	99
86) p-Isopropyltoluene	12.05	119	239737	19.478	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	121377	18.185	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126227	18.568	ug/l	99
89) n-Butylbenzene	12.37	91	205582	18.853	ug/l	99
90) Hexachloroethane	12.58	117	37512	17.654	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	126362	19.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20315	18.862	ug/l	96

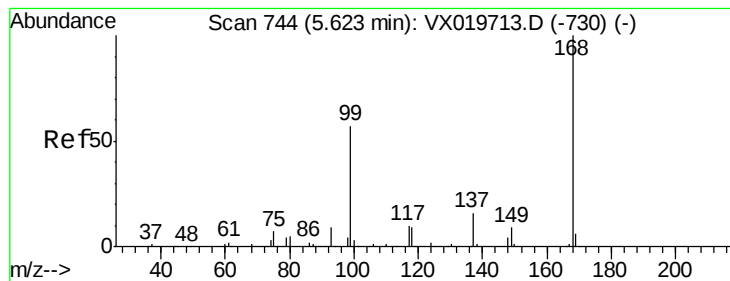
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81203	19.172	ug/l	100
94) Hexachlorobutadiene	13.77	225	37999	20.073	ug/l	97
95) Naphthalene	13.82	128	264092	19.233	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82353	19.895	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

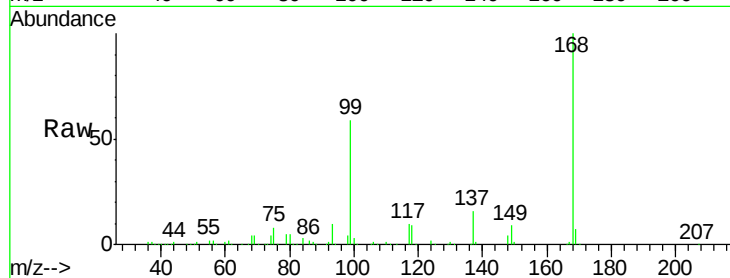
VX1211WBSD02

Tgt Ion:168 Resp: 280547

Ion Ratio Lower Upper

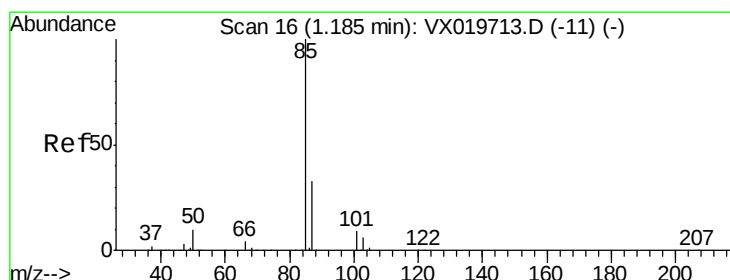
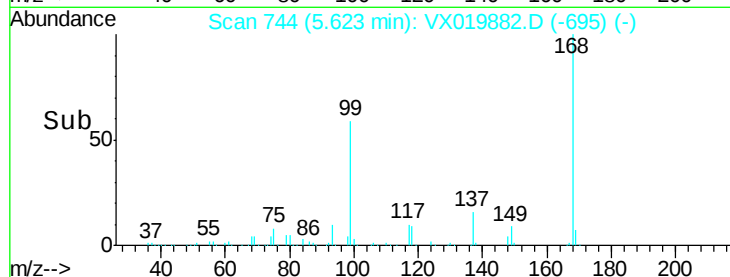
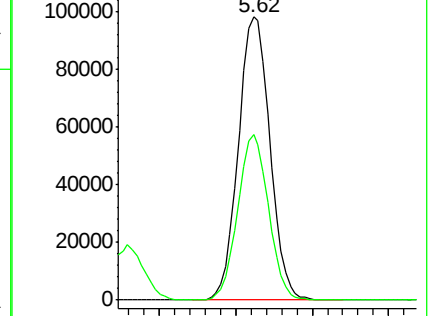
168 100

99 58.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.558 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019882.D

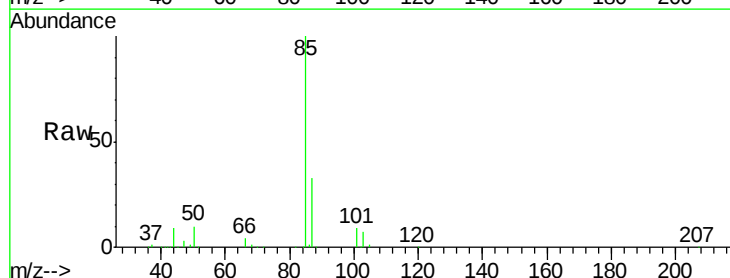
Acq: 11 Dec 2020 18:10

Tgt Ion: 85 Resp: 45099

Ion Ratio Lower Upper

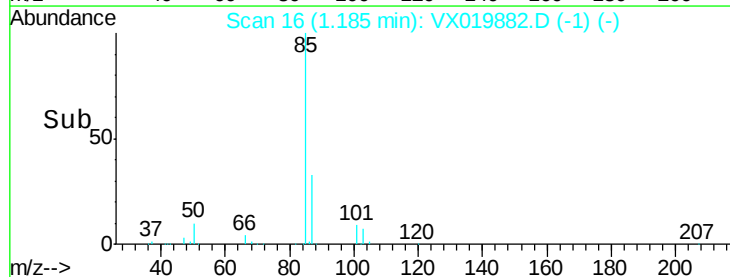
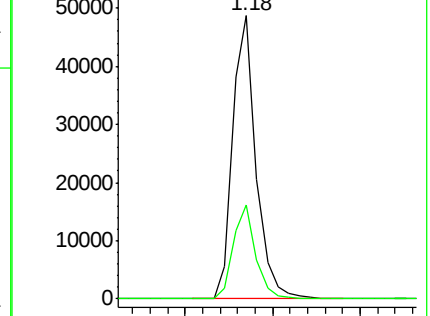
85 100

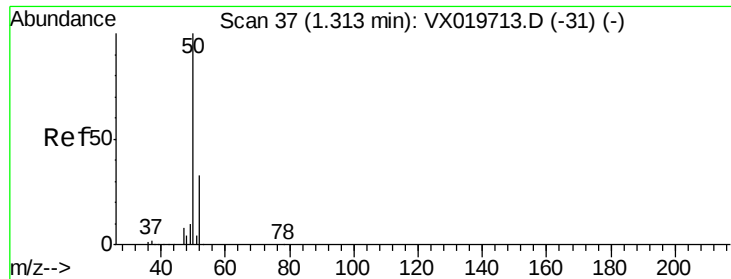
87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.114 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

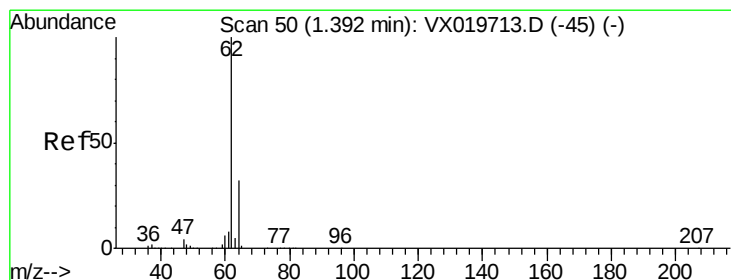
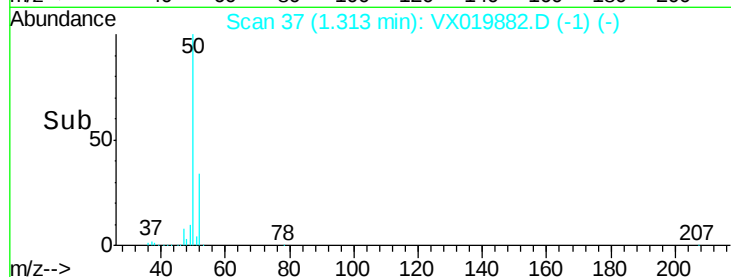
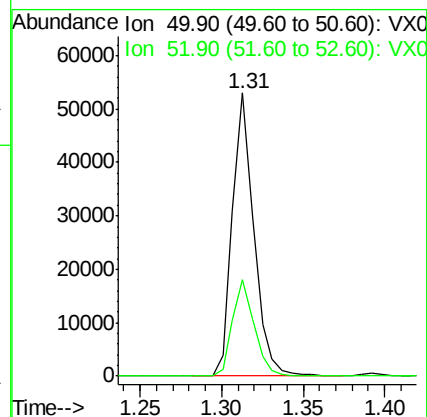
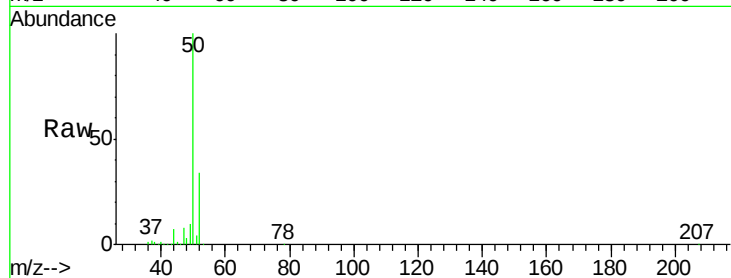
VX1211WBSD02

Tgt Ion: 50 Resp: 48676

Ion Ratio Lower Upper

50 100

52 34.1 26.4 39.6



#4

Vinyl Chloride

Concen: 17.620 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019882.D

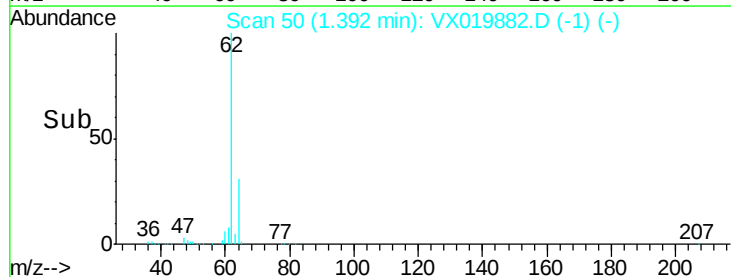
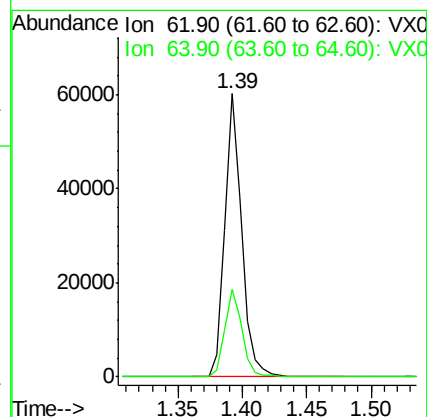
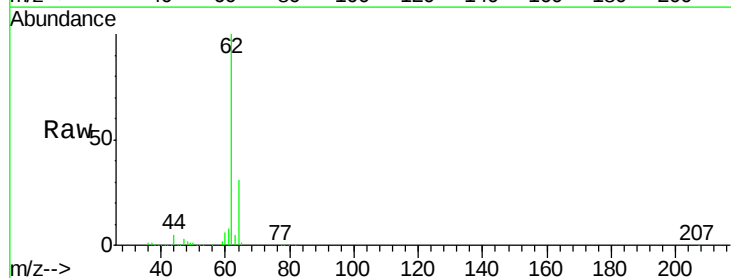
Acq: 11 Dec 2020 18:10

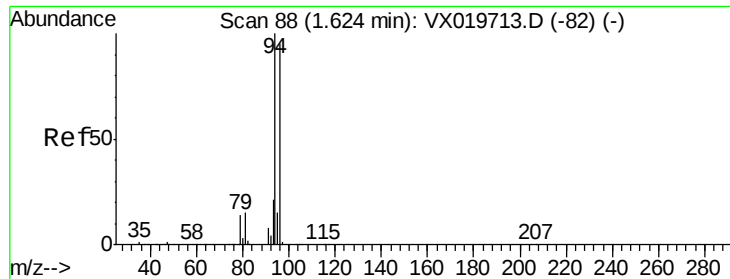
Tgt Ion: 62 Resp: 56122

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 30.809 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

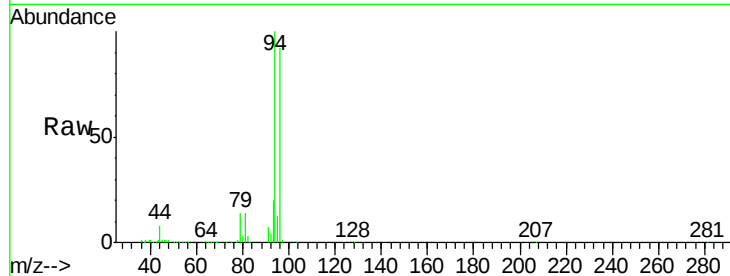
VX1211WBSD02

Tgt Ion: 94 Resp: 32583

Ion Ratio Lower Upper

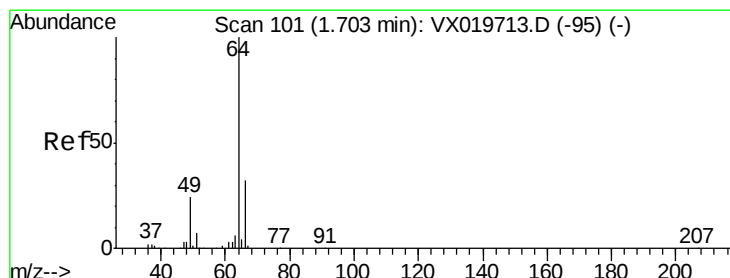
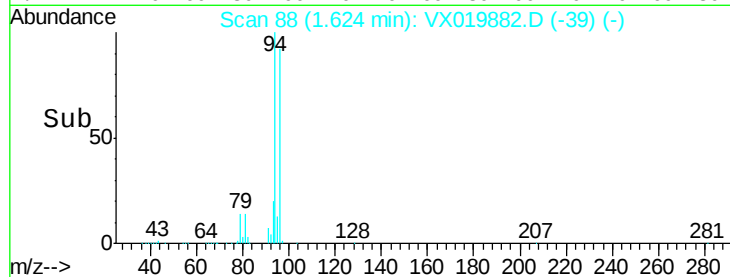
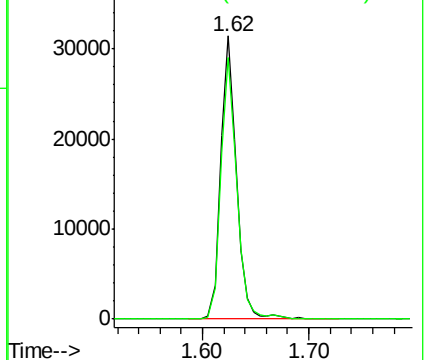
94 100

96 92.3 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.334 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019882.D

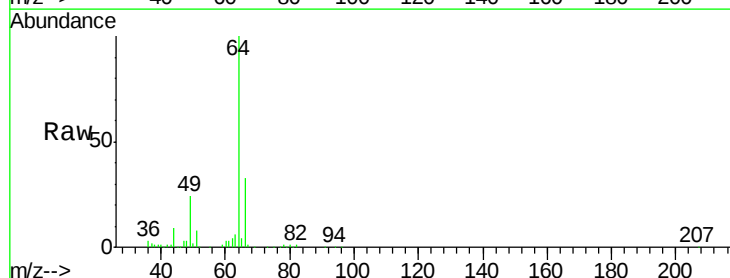
Acq: 11 Dec 2020 18:10

Tgt Ion: 64 Resp: 36992

Ion Ratio Lower Upper

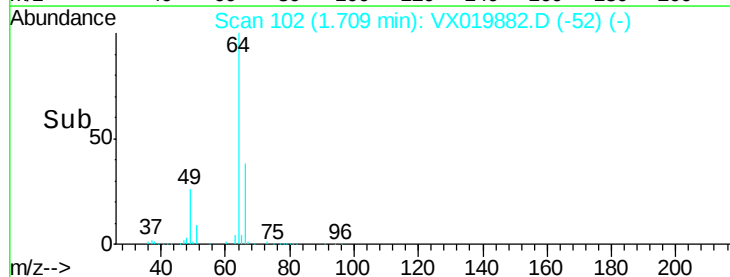
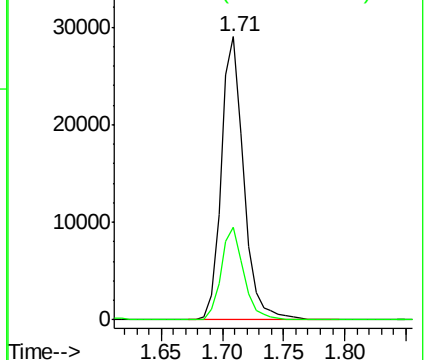
64 100

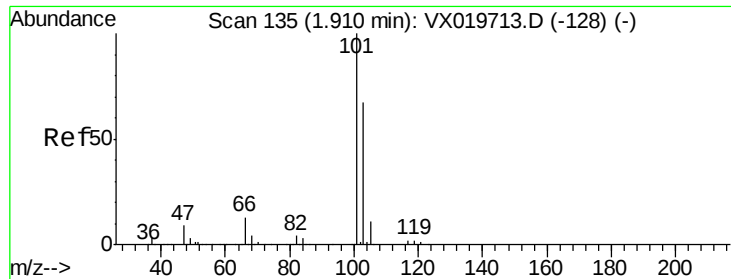
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



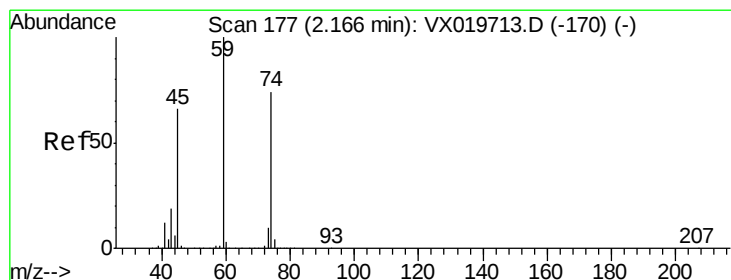
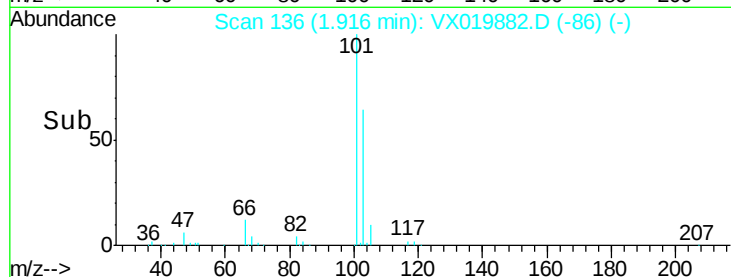
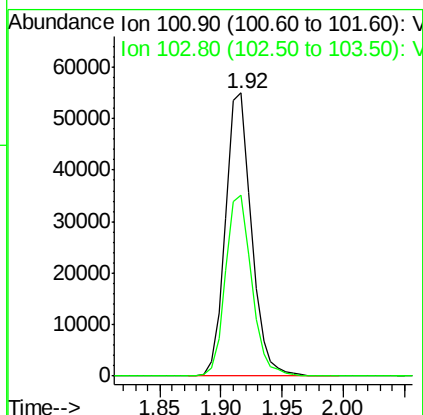
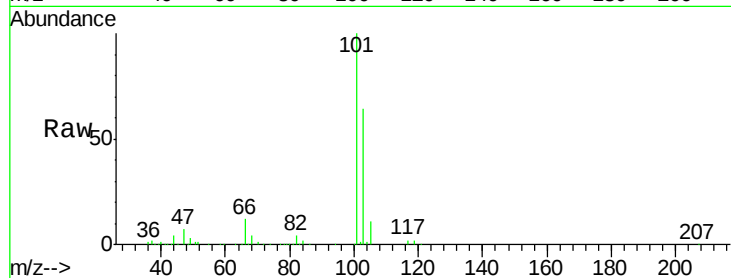


#7

Trichlorofluoromethane
Concen: 18.188 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Instrument :
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ClientSampleId :
VX1211WBSD02

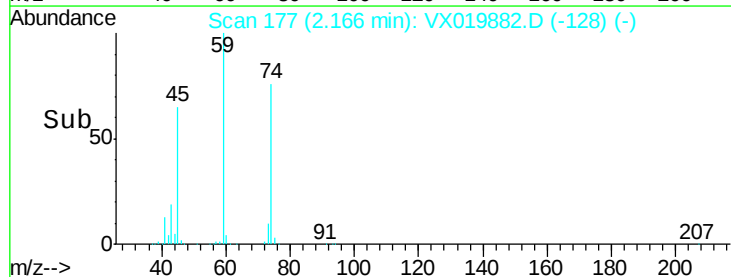
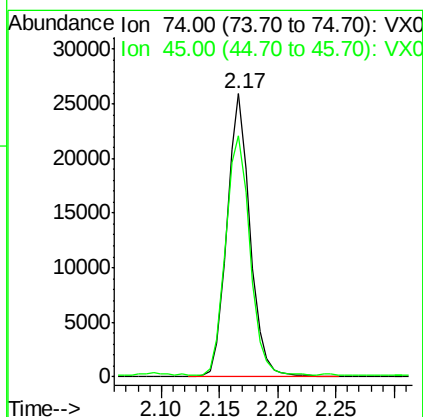
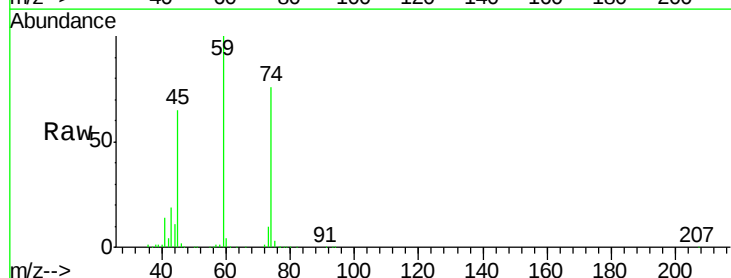
Tgt Ion:101 Resp: 80678
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

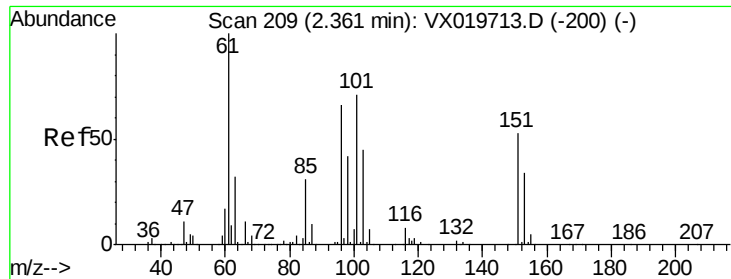


#8

Diethyl Ether
Concen: 18.973 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 74 Resp: 35664
Ion Ratio Lower Upper
74 100
45 88.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.847 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

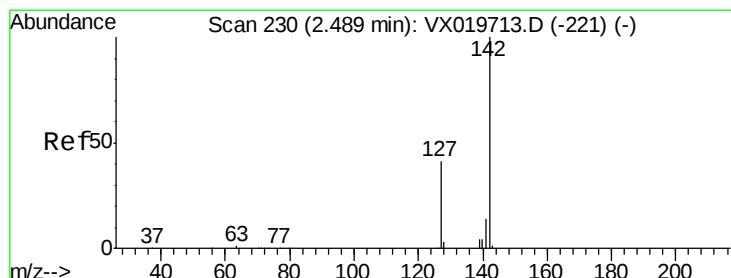
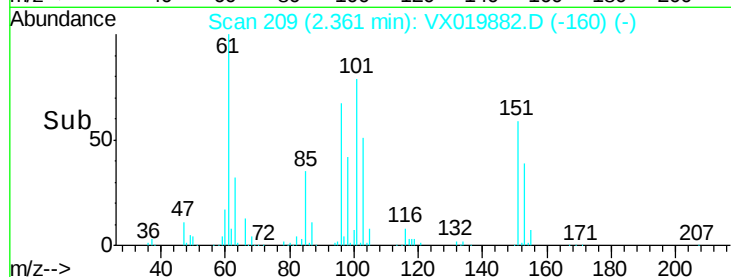
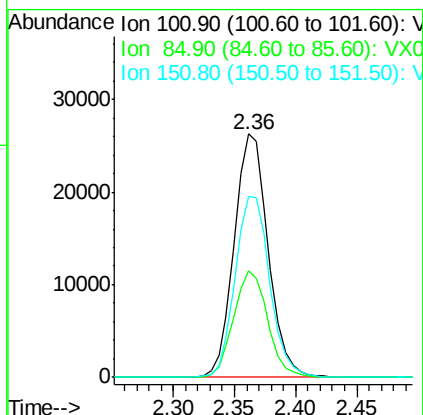
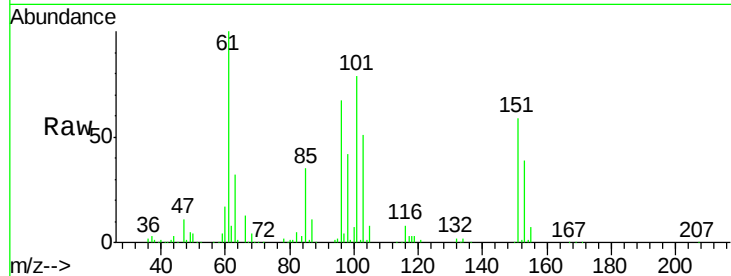
Lab File: VX019882.D

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ClientSampleId :
VX1211WBSD02

Tgt Ion:101 Resp: 50461

Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.9	52.3
151	76.1	61.4	92.2



#10

Methyl Iodide

Concen: 15.695 ug/l

RT: 2.49 min Scan# 230

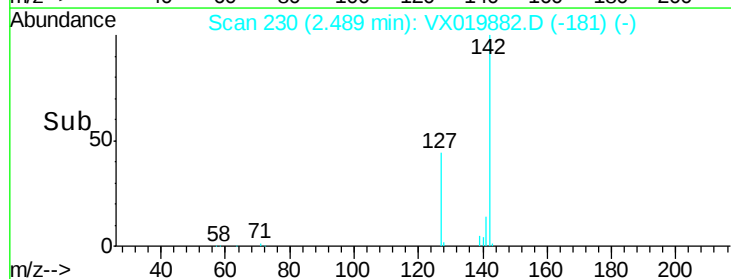
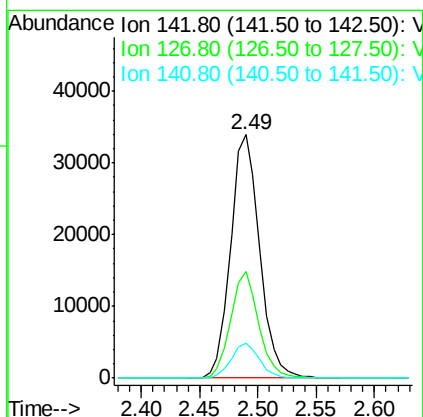
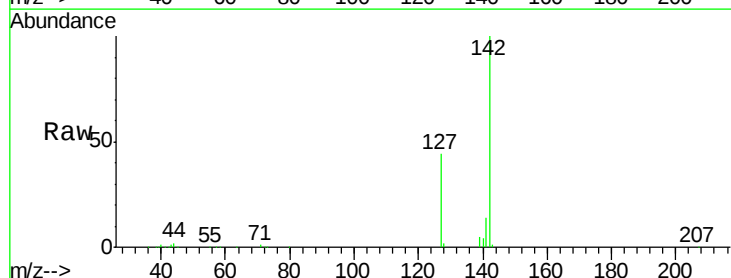
Delta R.T. 0.00 min

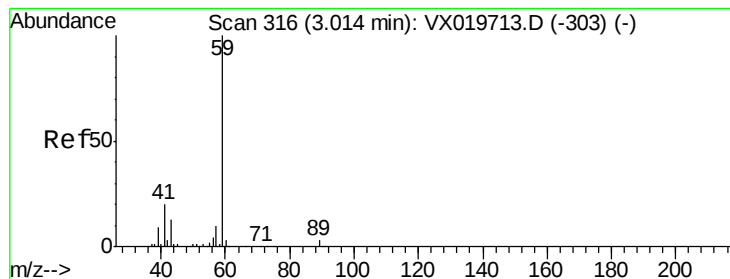
Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Tgt Ion:142 Resp: 58820

Ion	Ratio	Lower	Upper
142	100		
127	42.3	33.3	49.9
141	13.9	11.4	17.0





#11

Tert butyl alcohol

Concen: 94.971 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

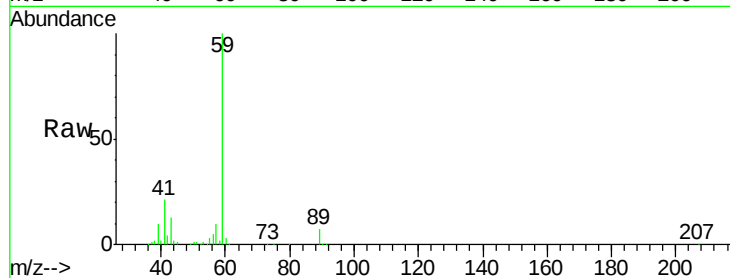
VX1211WBSD02

Tgt Ion: 59 Resp: 73220

Ion Ratio Lower Upper

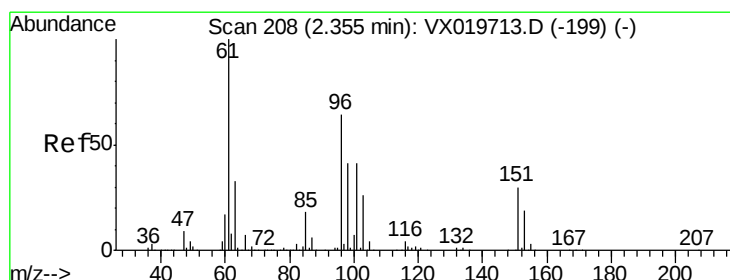
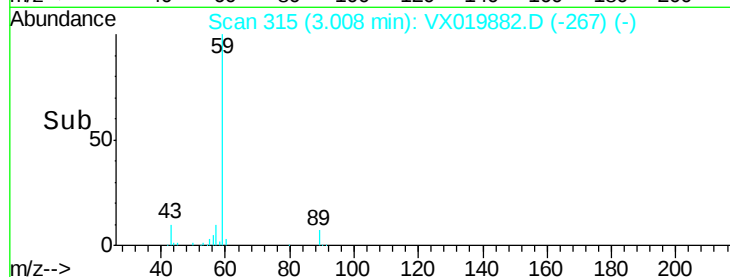
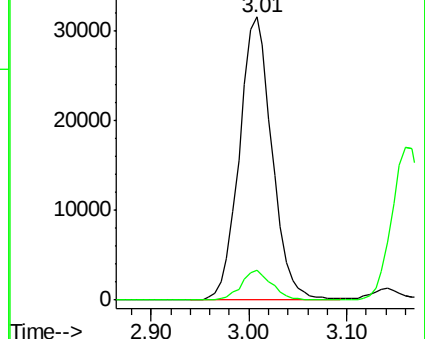
59 100

57 9.8 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.603 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

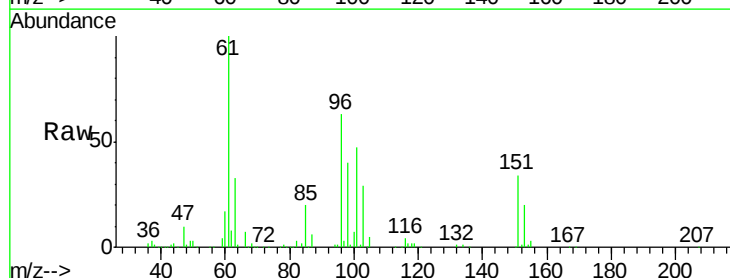
Tgt Ion: 96 Resp: 47818

Ion Ratio Lower Upper

96 100

61 157.9 124.6 187.0

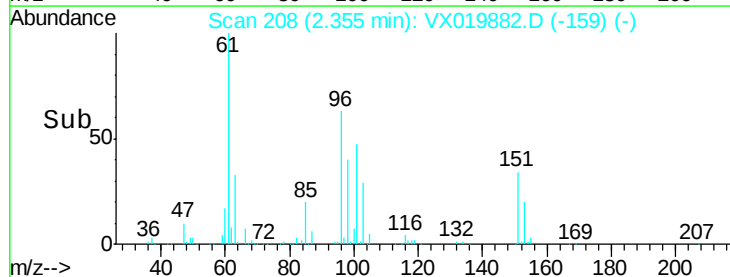
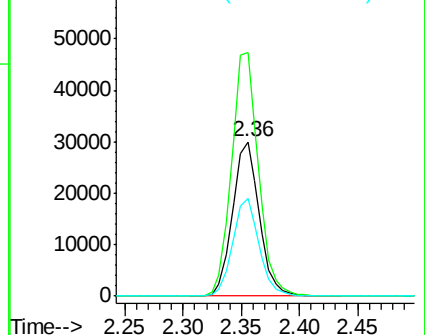
98 63.5 50.6 76.0

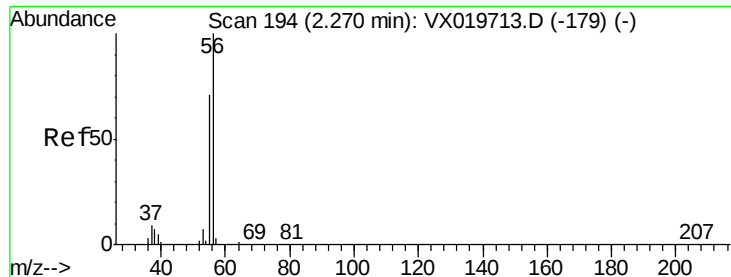


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 63.826 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

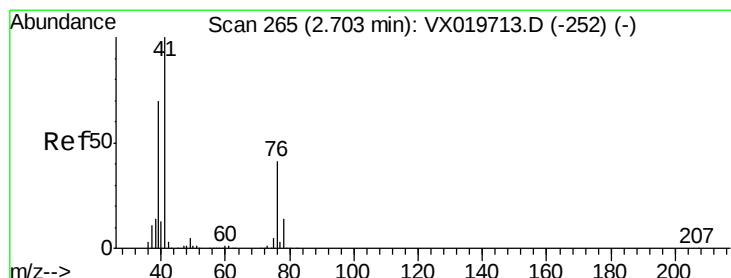
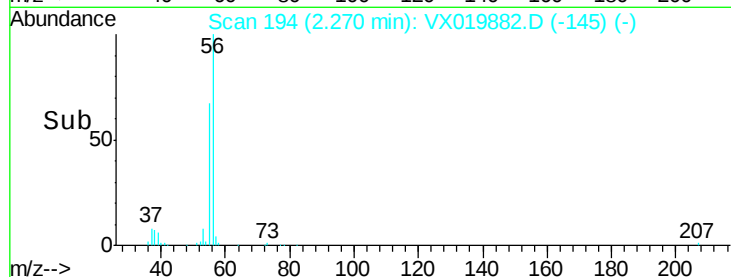
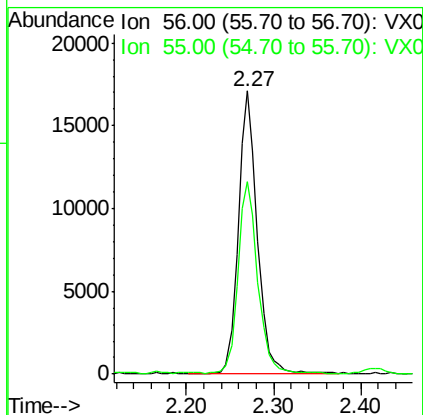
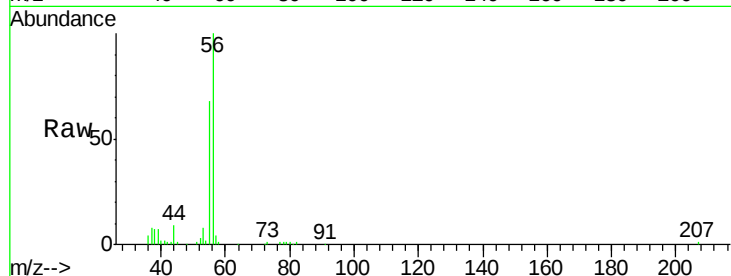
VX1211WBSD02

Tgt Ion: 56 Resp: 25977

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Allyl chloride

Concen: 18.165 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

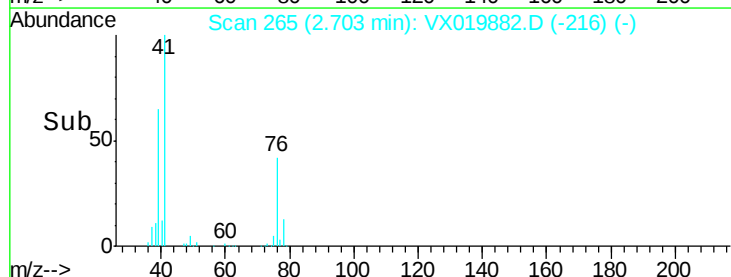
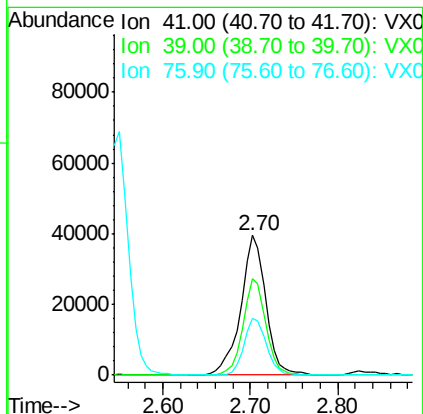
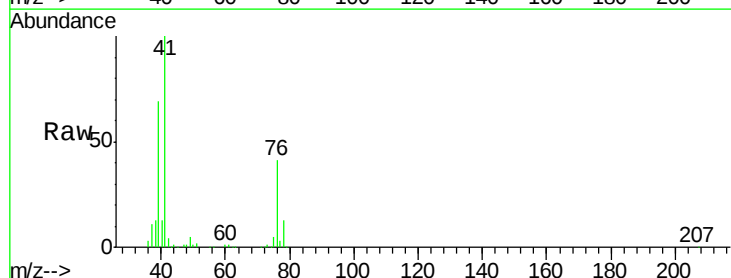
Tgt Ion: 41 Resp: 78859

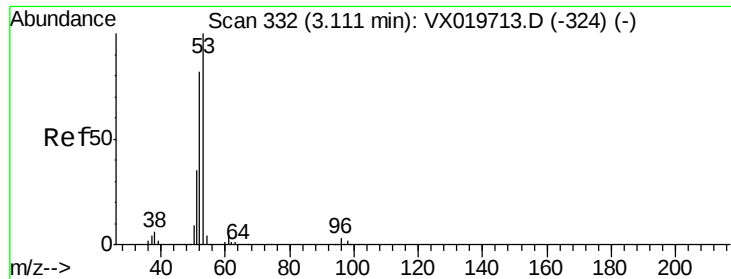
Ion Ratio Lower Upper

41 100

39 62.6 51.6 77.4

76 36.2 30.5 45.7





#15

Acrylonitrile

Concen: 99.637 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

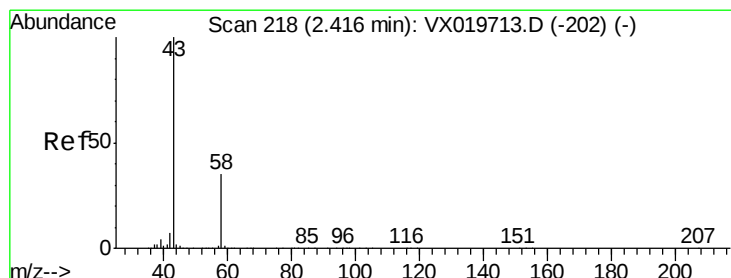
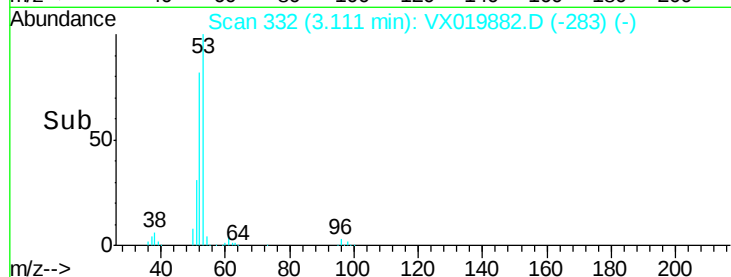
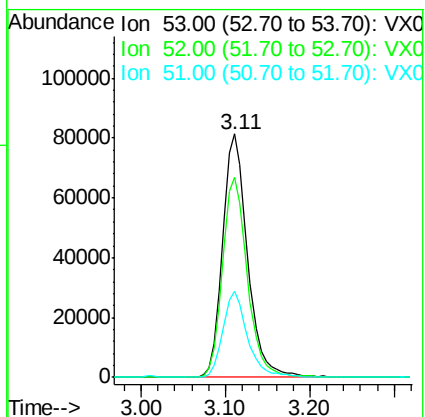
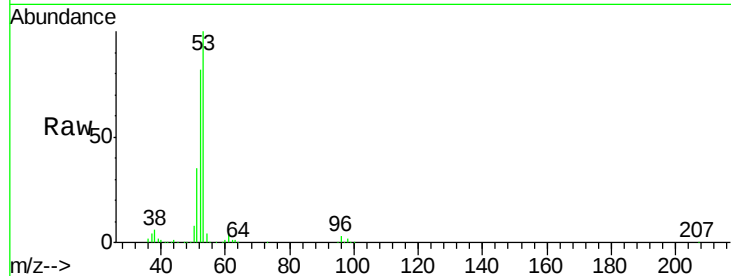
Tgt Ion: 53 Resp: 166083

Ion Ratio Lower Upper

53 100

52 82.0 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 94.975 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019882.D

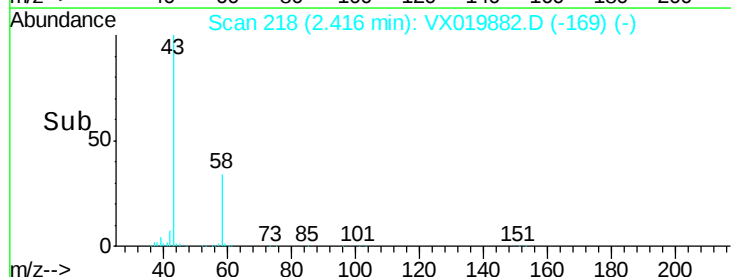
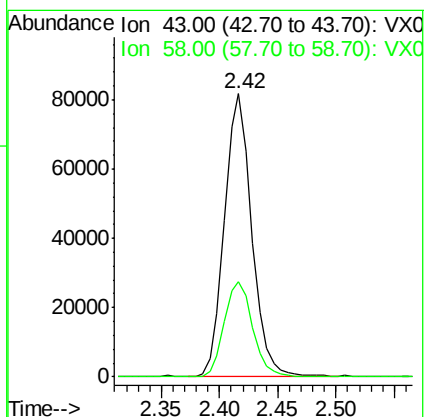
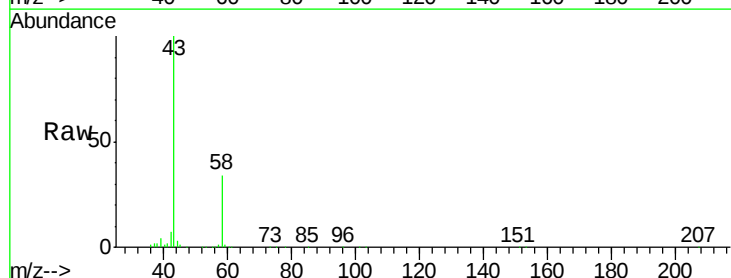
Acq: 11 Dec 2020 18:10

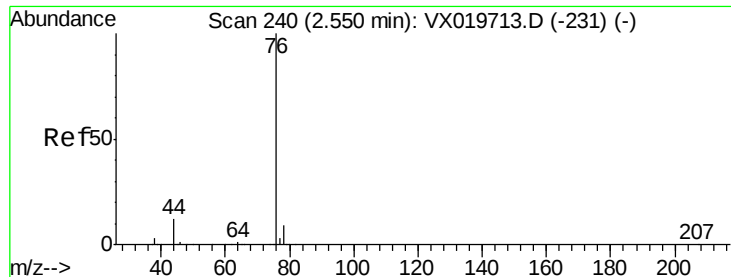
Tgt Ion: 43 Resp: 131629

Ion Ratio Lower Upper

43 100

58 33.9 27.8 41.8





#17

Carbon Disulfide

Concen: 15.383 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

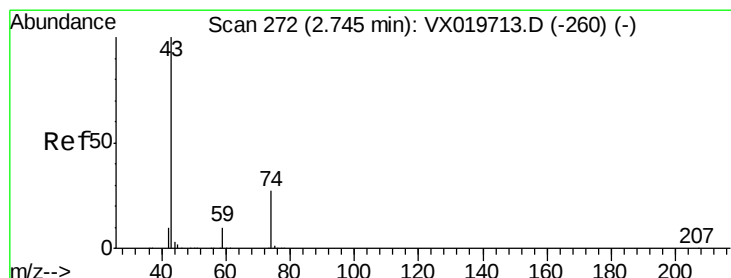
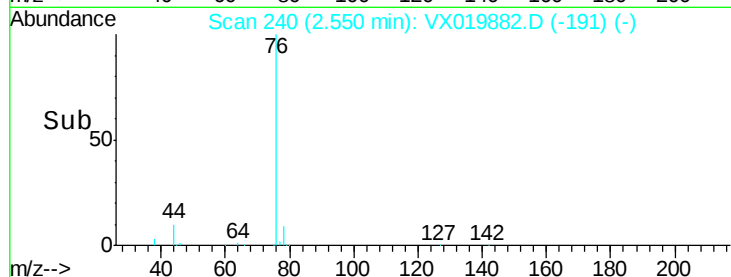
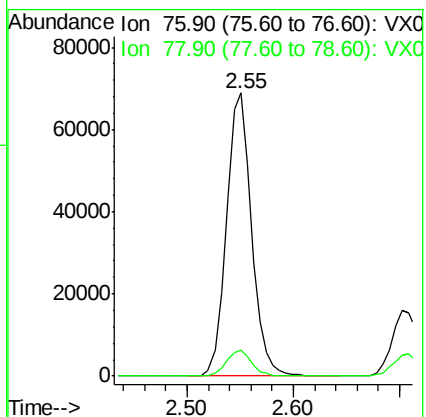
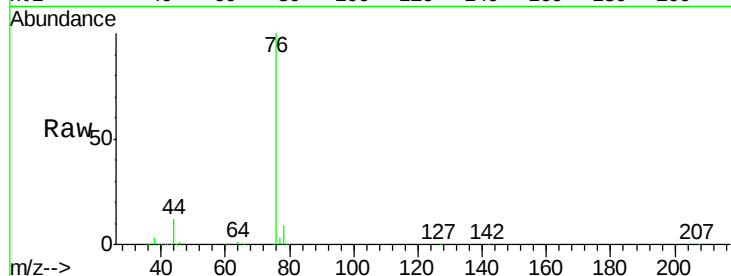
VX1211WBSD02

Tgt Ion: 76 Resp: 113452

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 21.093 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019882.D

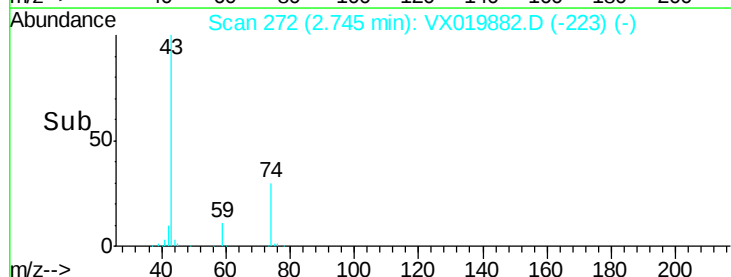
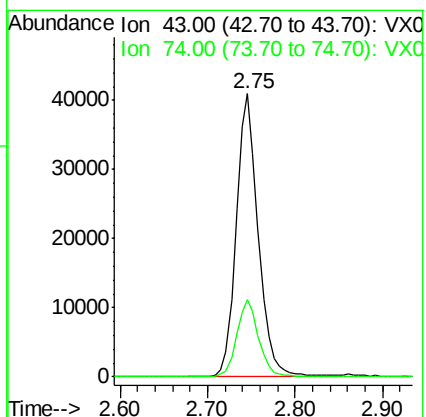
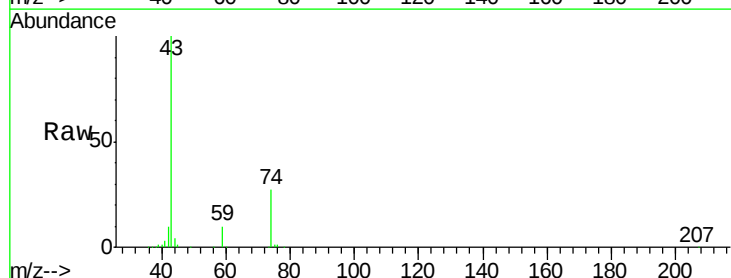
Acq: 11 Dec 2020 18:10

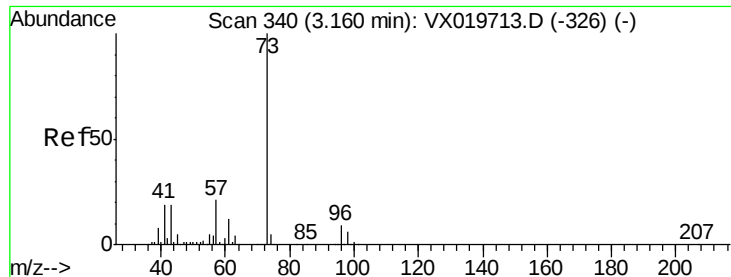
Tgt Ion: 43 Resp: 71537

Ion Ratio Lower Upper

43 100

74 27.2 21.9 32.9

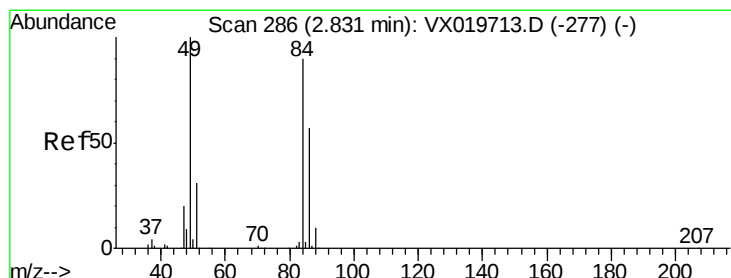
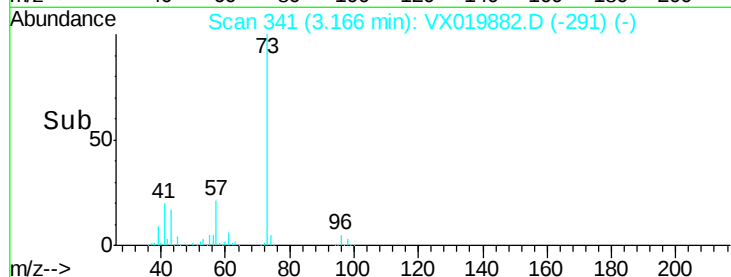
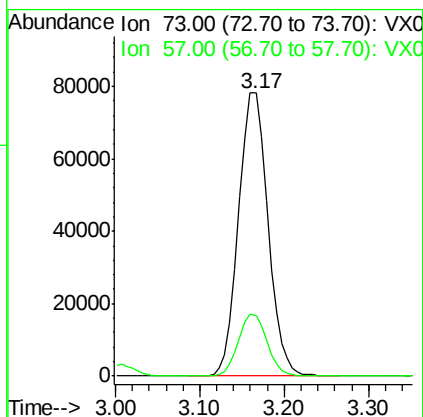
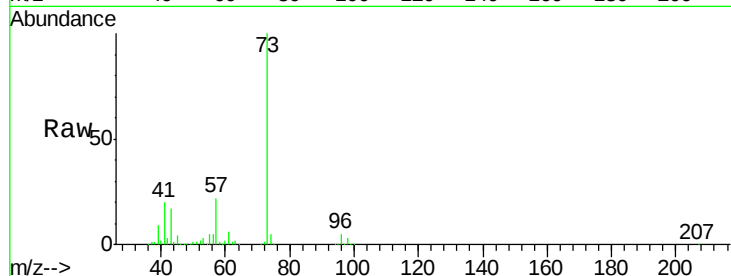




#19
Methyl tert-butyl Ether
Concen: 19.742 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

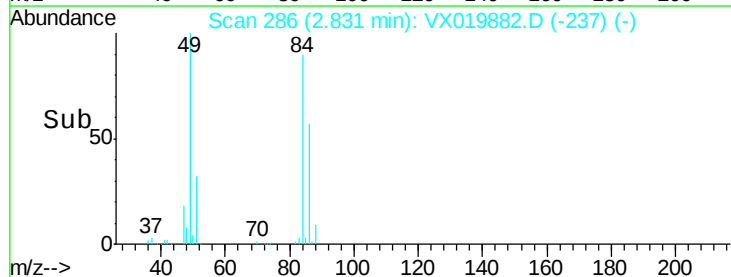
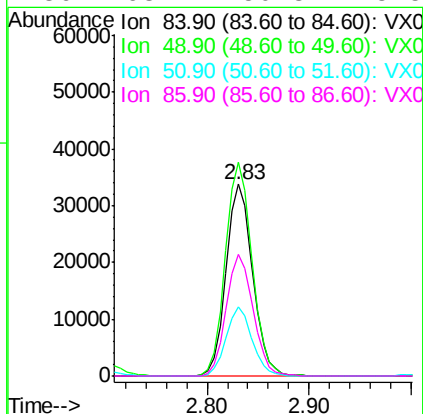
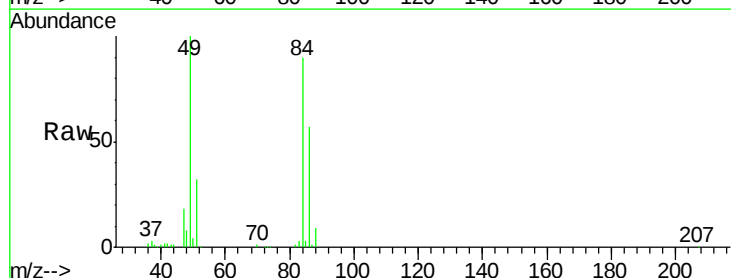
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

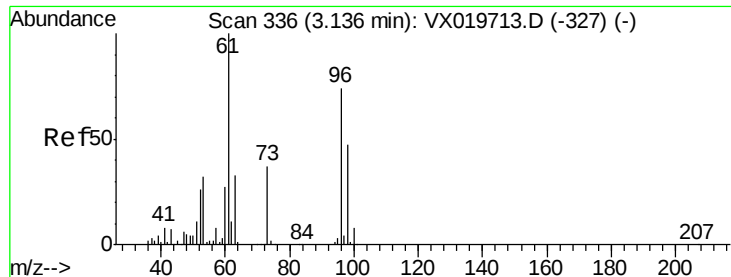
Tgt Ion: 73 Resp: 184807
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 18.297 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 84 Resp: 60746
Ion Ratio Lower Upper
84 100
49 111.5 88.6 132.8
51 35.9 27.0 40.6
86 63.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.223 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

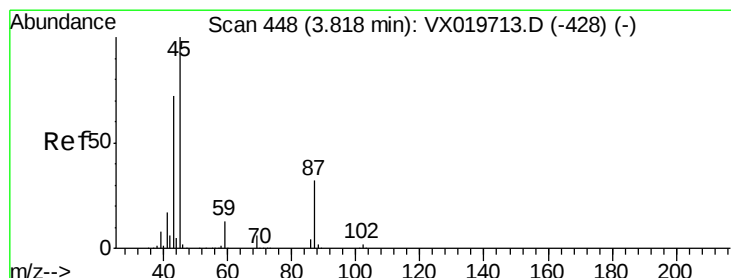
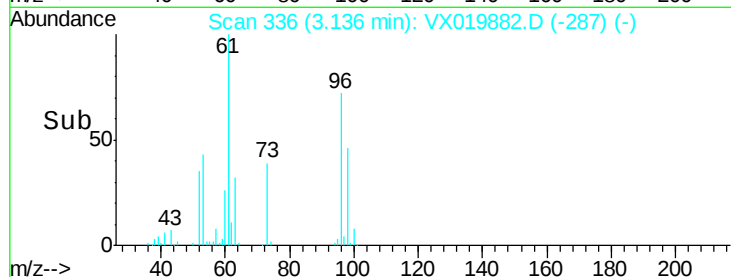
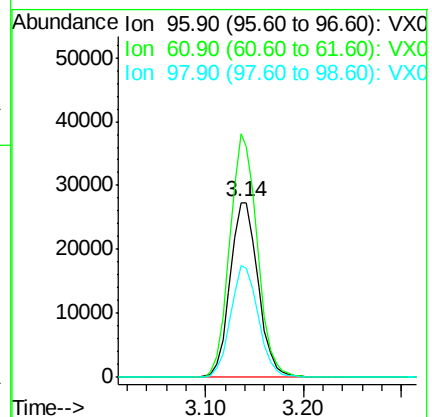
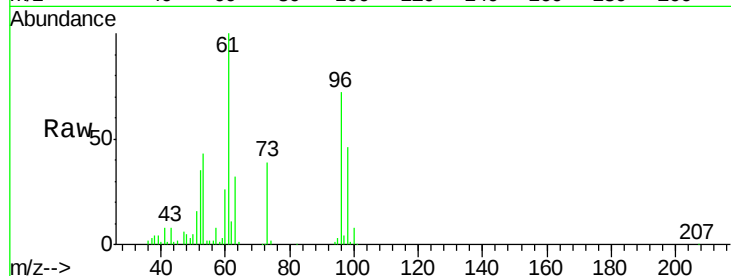
Tgt Ion: 96 Resp: 54608

Ion Ratio Lower Upper

96 100

61 139.1 107.7 161.5

98 63.9 50.4 75.6



#22

Diisopropyl ether

Concen: 19.982 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Tgt Ion: 45 Resp: 175386

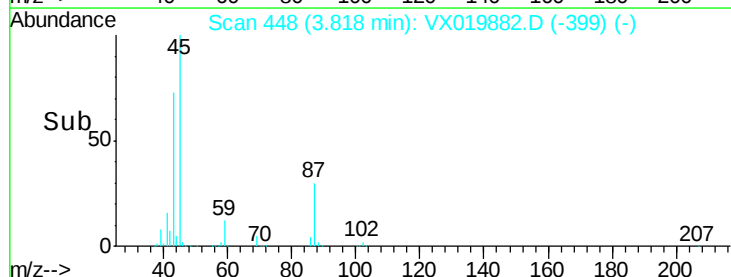
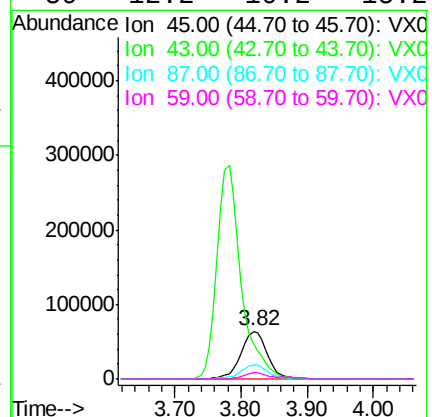
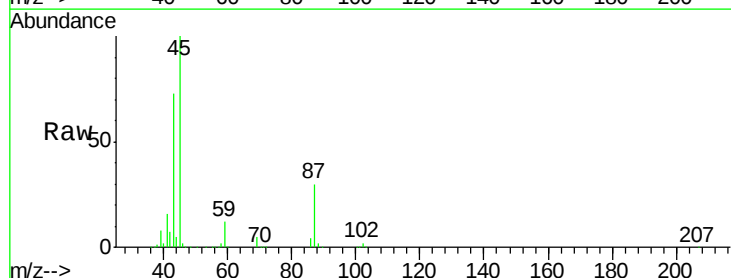
Ion Ratio Lower Upper

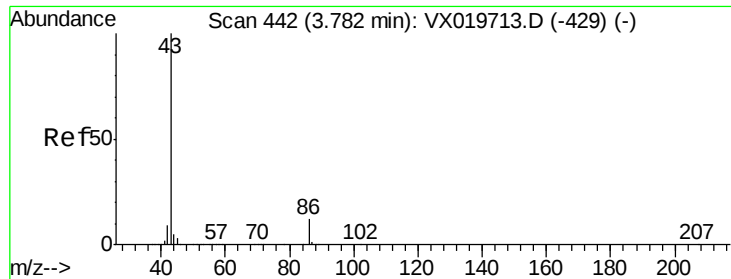
45 100

43 72.2 58.0 87.0

87 30.2 25.4 38.0

59 12.2 10.2 15.2





#23

Vinyl Acetate

Concen: 98.307 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

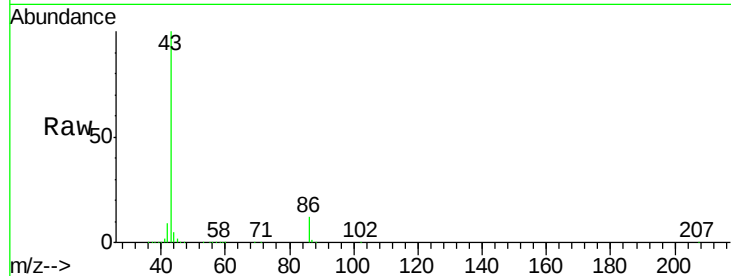
VX1211WBSD02

Tgt Ion: 43 Resp: 735124

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

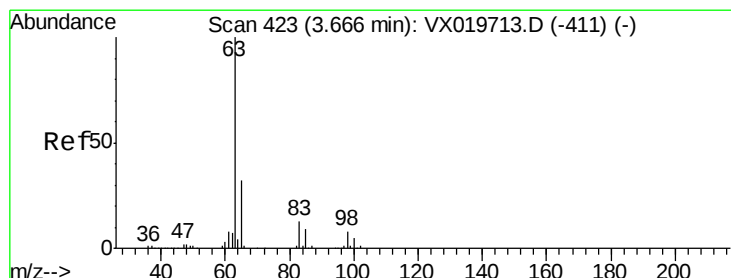
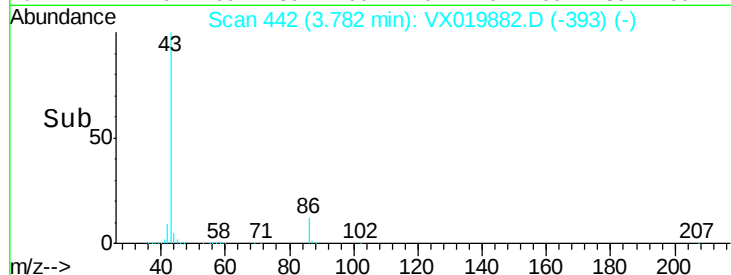
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.164 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

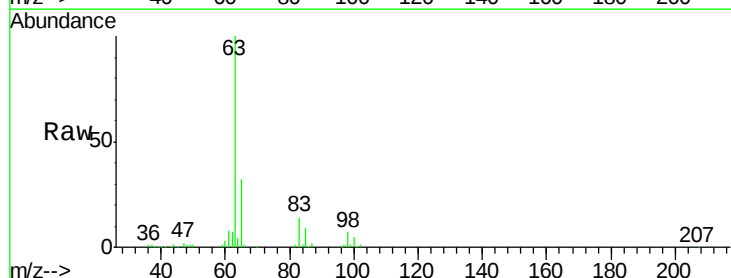
Tgt Ion: 63 Resp: 101435

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

60000

50000

40000

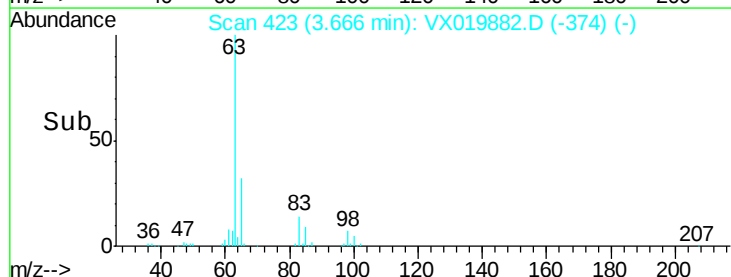
30000

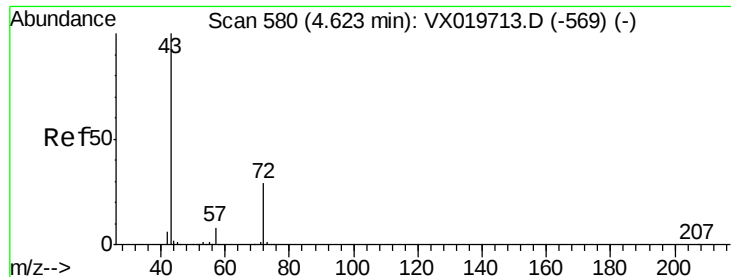
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 99.264 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

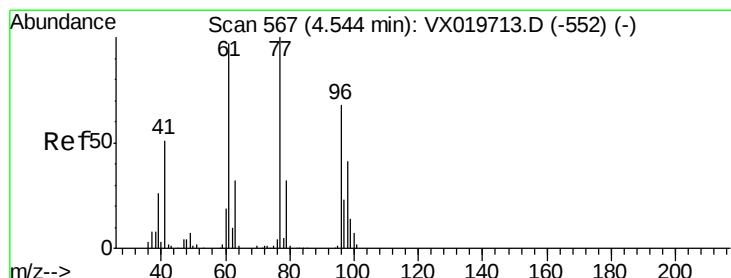
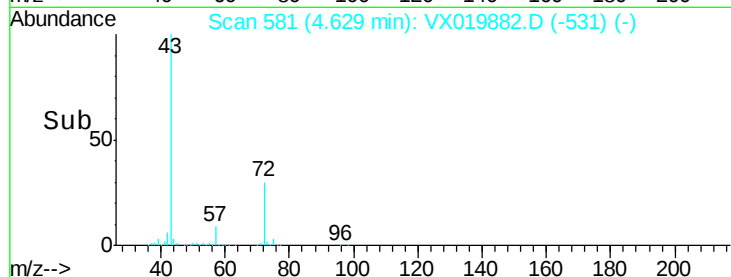
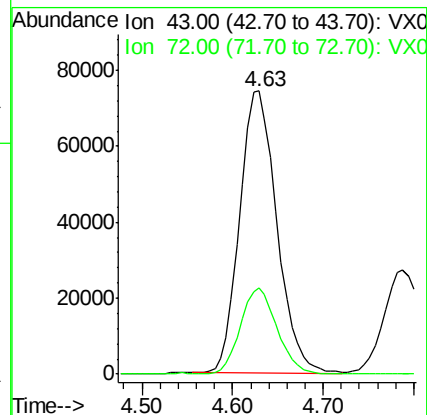
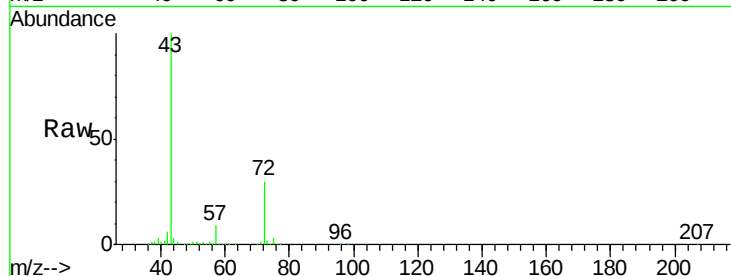
VX1211WBSD02

Tgt Ion: 43 Resp: 211394

Ion Ratio Lower Upper

43 100

72 30.1 23.7 35.5



#26

2,2-Dichloropropane

Concen: 17.984 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019882.D

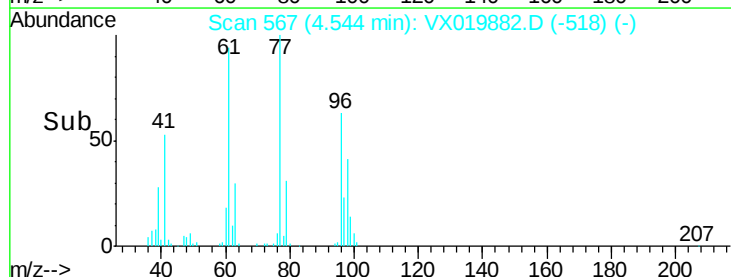
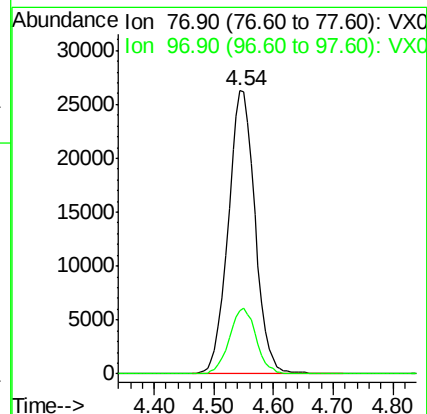
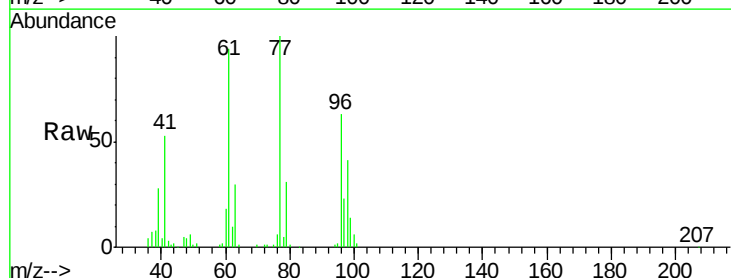
Acq: 11 Dec 2020 18:10

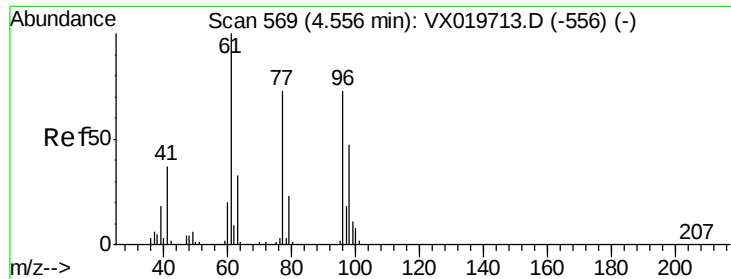
Tgt Ion: 77 Resp: 81974

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1

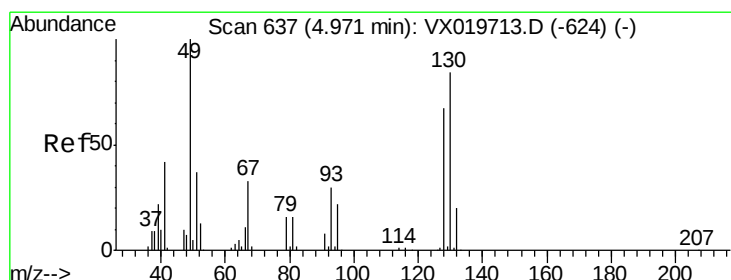
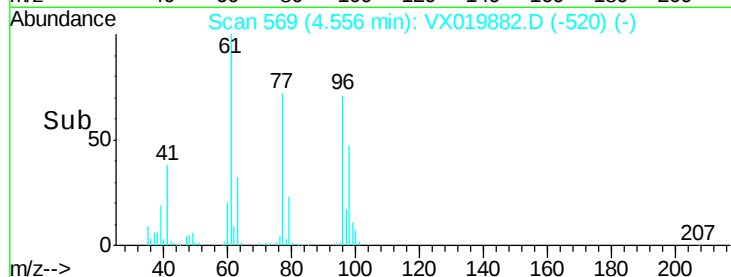
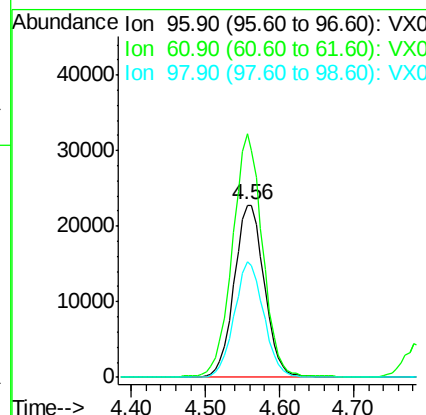
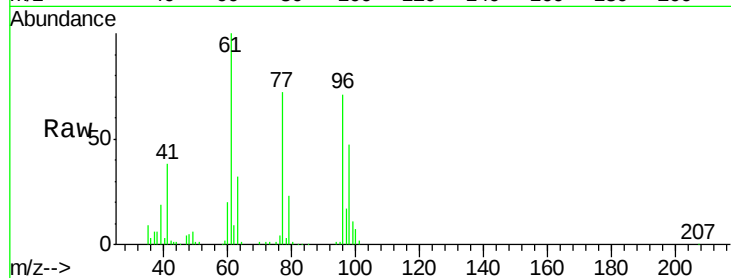




#27
 cis-1,2-Dichloroethene
 Concen: 18.474 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

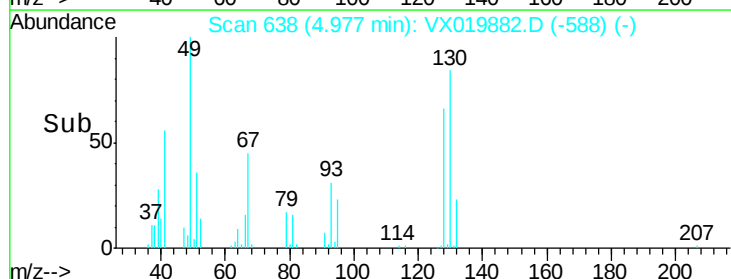
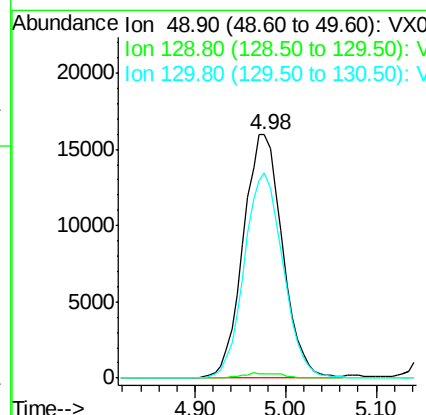
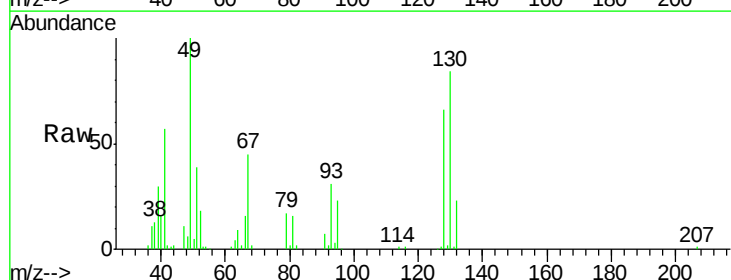
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

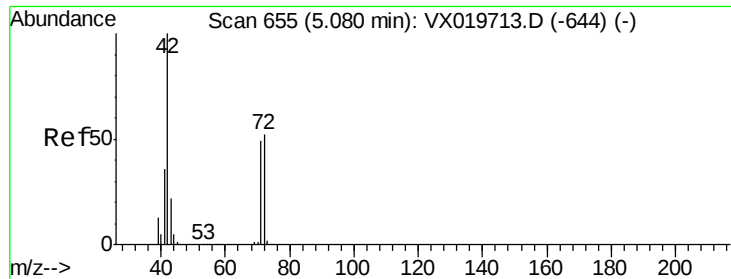
Tgt Ion: 96 Resp: 64787
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 285.6
 98 65.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 19.106 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 49 Resp: 48208
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 82.9 68.2 102.2

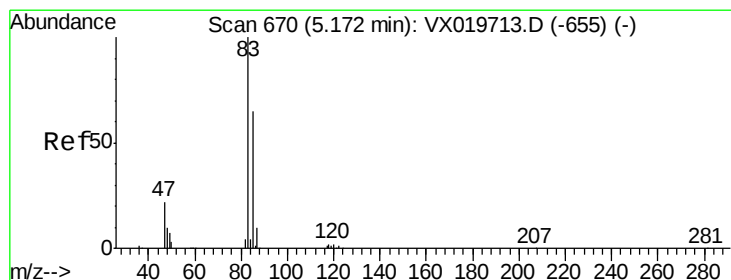
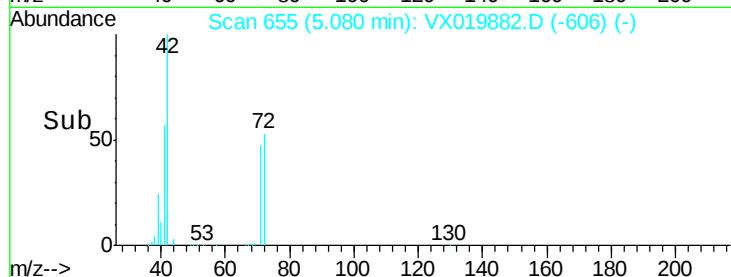
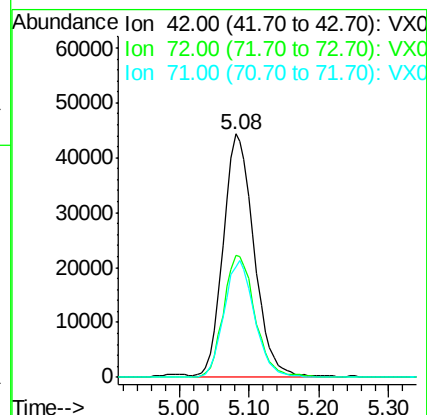
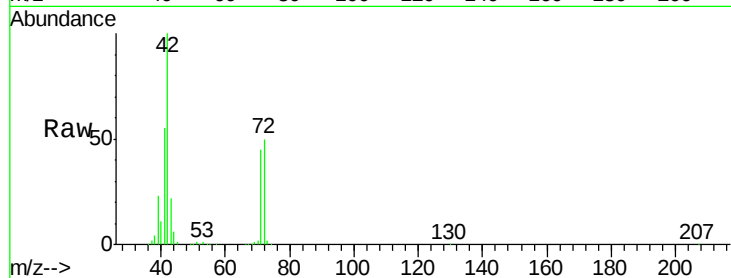




#29
Tetrahydrofuran
Concen: 98.233 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

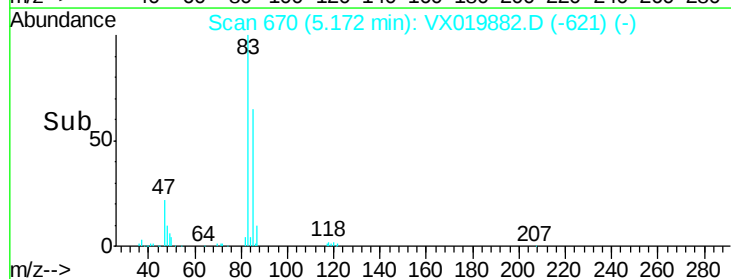
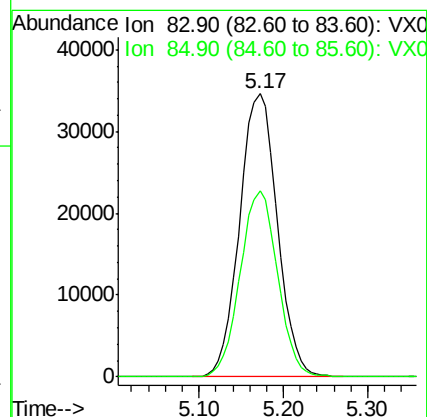
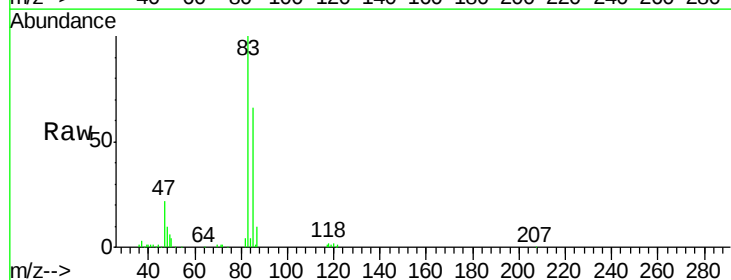
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

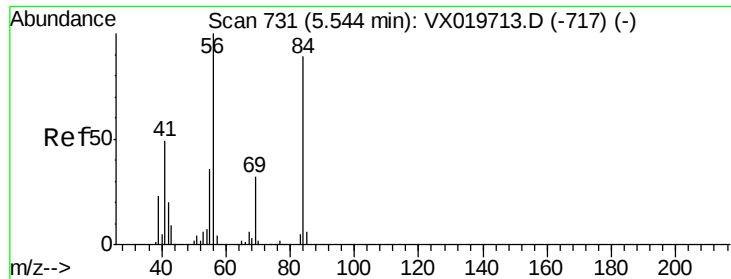
Tgt Ion: 42 Resp: 134784
Ion Ratio Lower Upper
42 100
72 51.7 41.7 62.5
71 47.9 38.4 57.6



#30
Chloroform
Concen: 19.305 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 83 Resp: 105066
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0

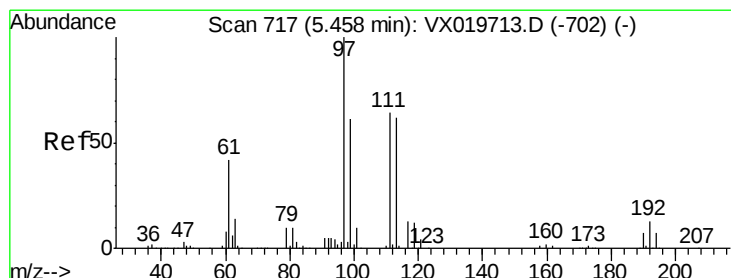
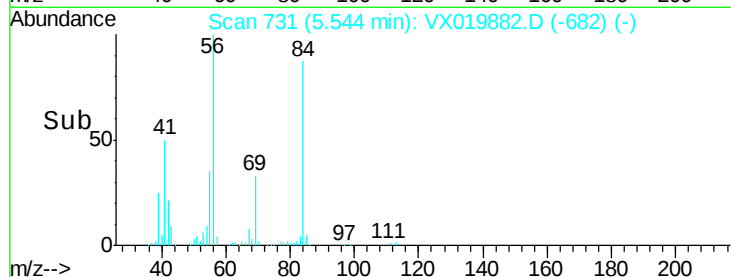
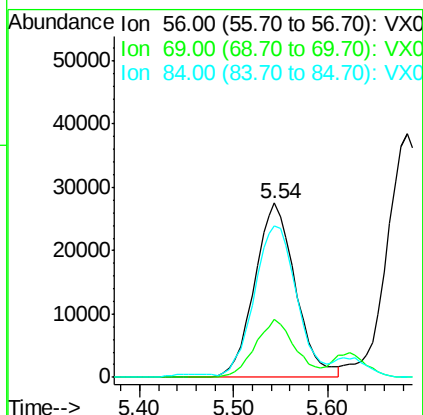
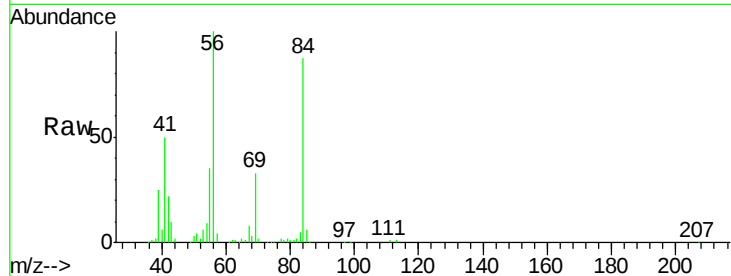




#31
Cyclohexane
Concen: 18.260 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

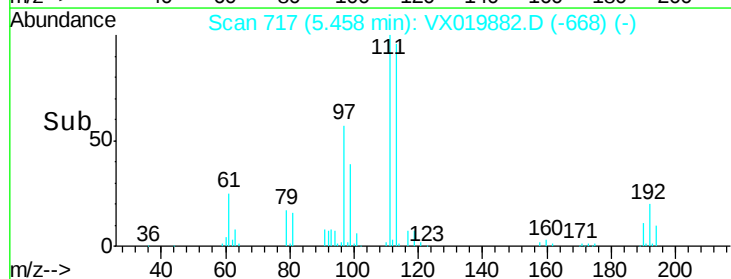
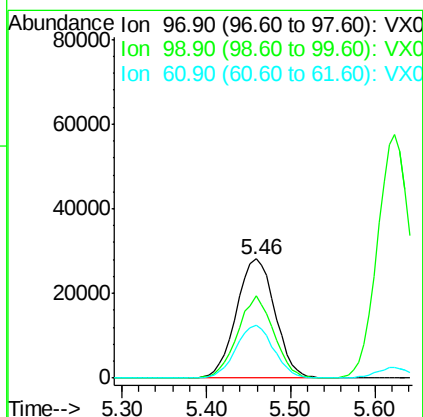
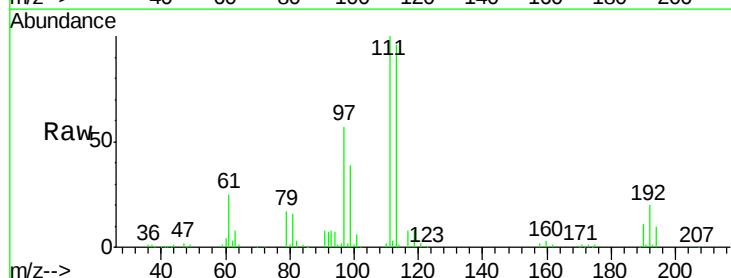
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

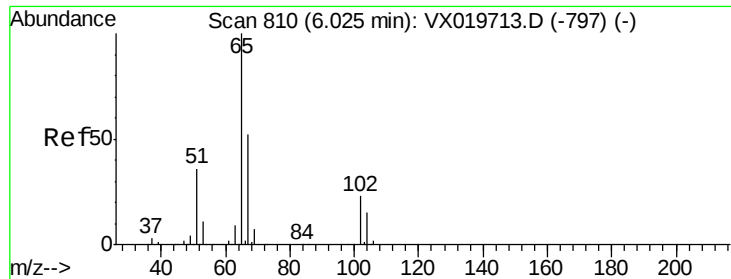
Tgt Ion: 56 Resp: 83750
Ion Ratio Lower Upper
56 100
69 33.0 25.3 37.9
84 85.9 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 18.699 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 97 Resp: 87640
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.479 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

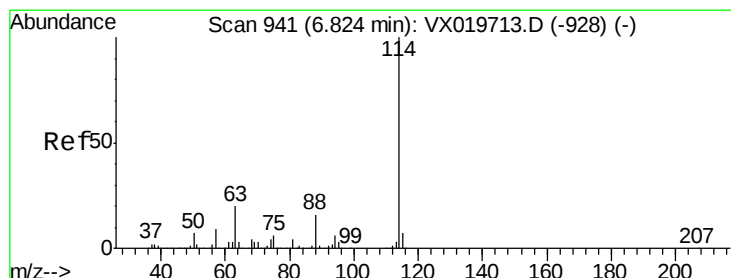
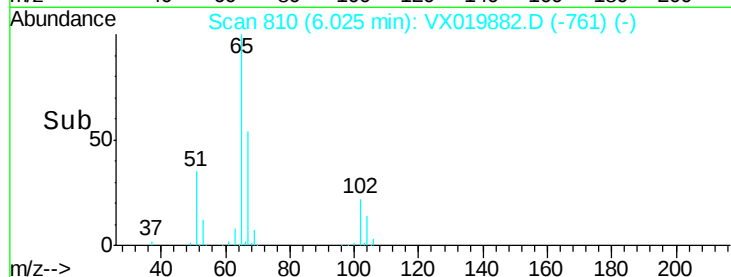
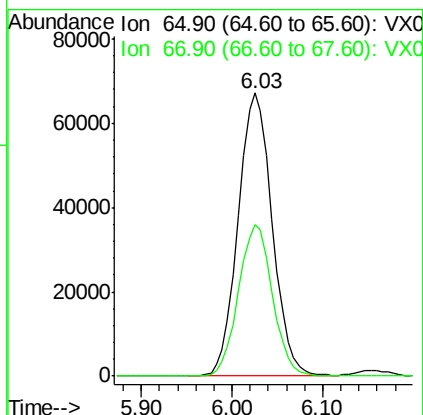
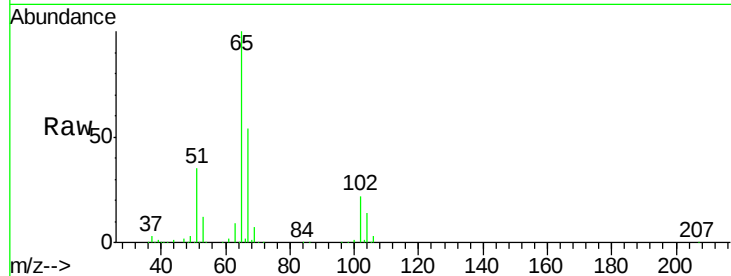
VX1211WBSD02

Tgt Ion: 65 Resp: 175064

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

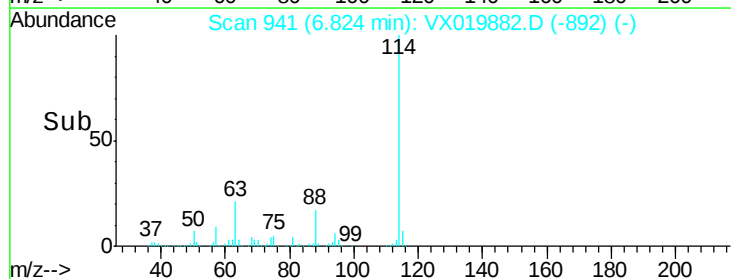
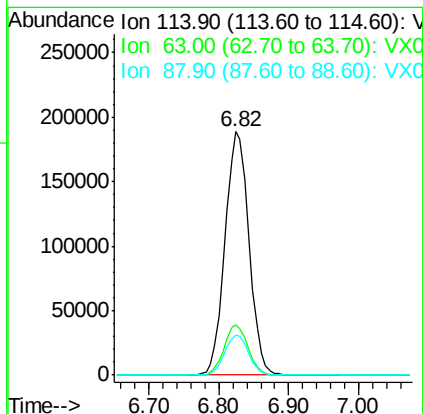
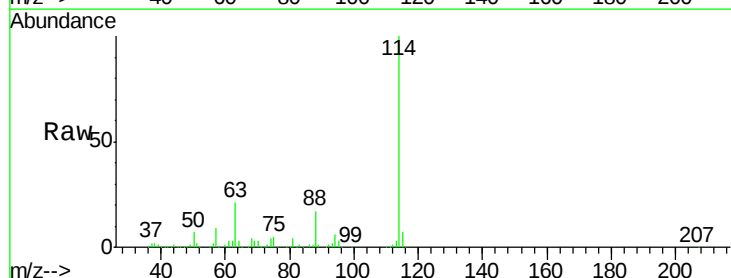
Tgt Ion: 114 Resp: 449396

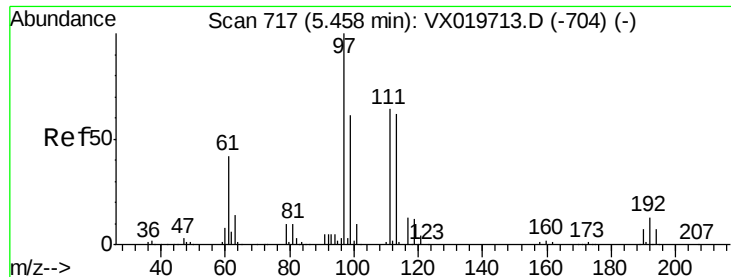
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.188 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

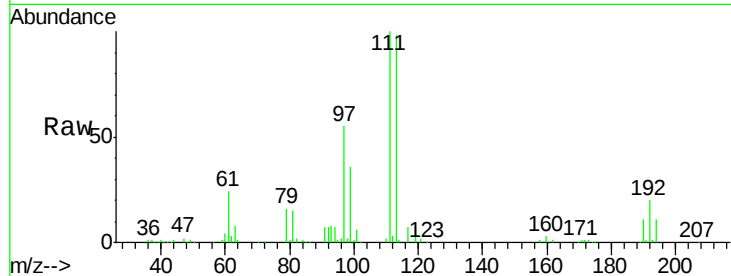
Tgt Ion:113 Resp: 139957

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

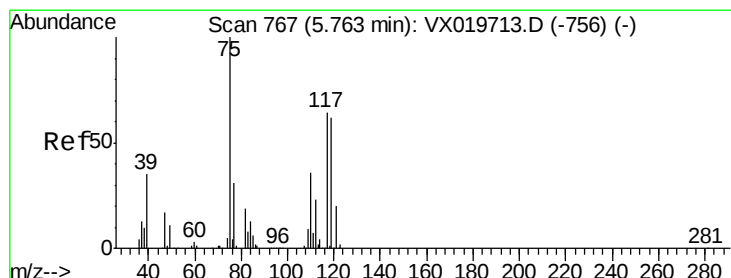
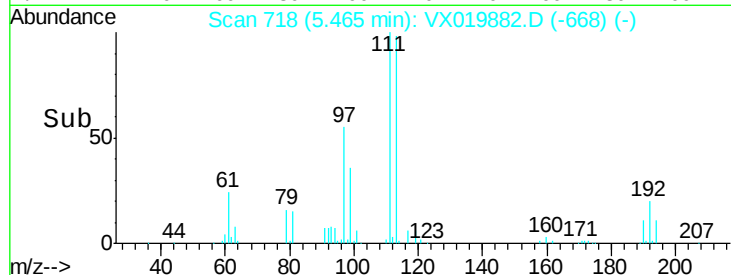
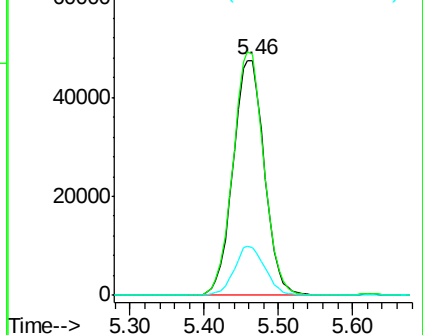
192 20.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.405 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

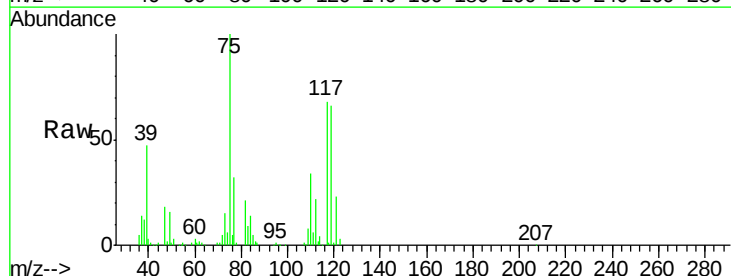
Tgt Ion: 75 Resp: 74742

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.4

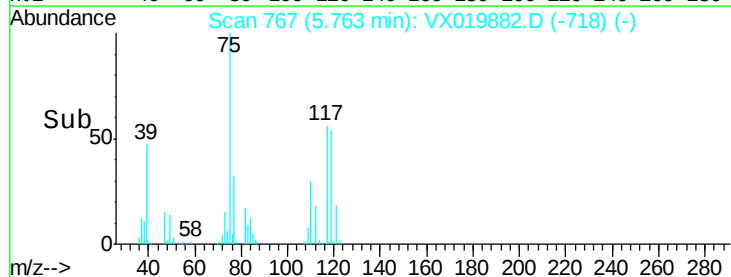
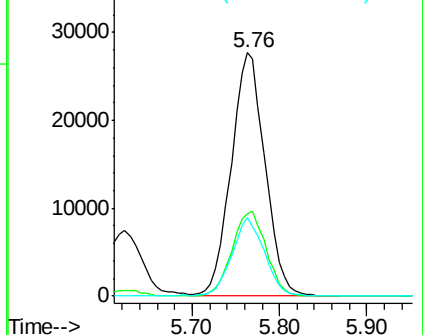
77 30.9 25.3 37.9

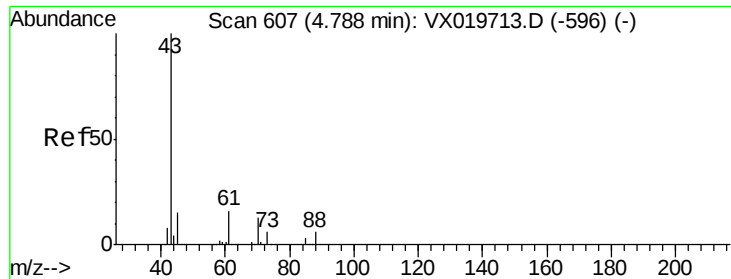


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

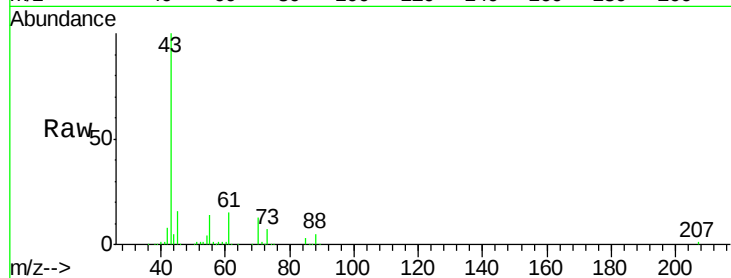




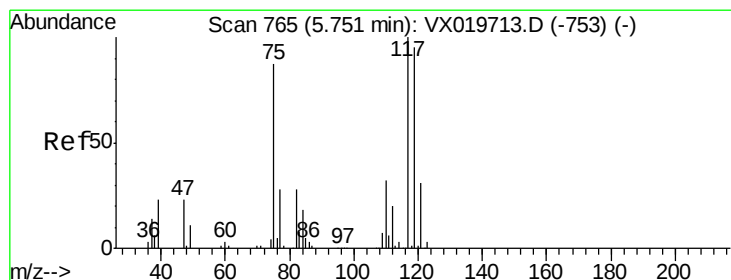
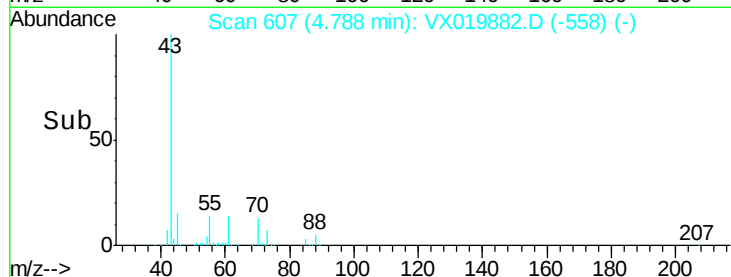
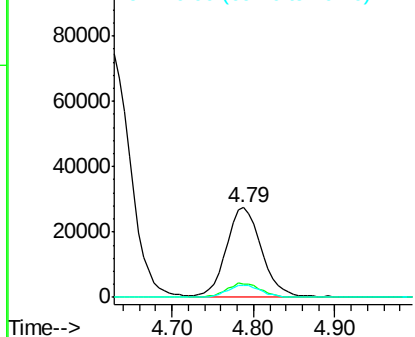
#37
Ethyl Acetate
Concen: 19.697 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion: 43 Resp: 80762
Ion Ratio Lower Upper
43 100
61 15.9 12.8 19.2
70 13.3 10.5 15.7

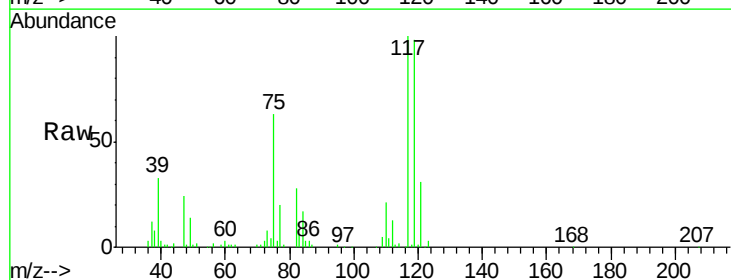


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

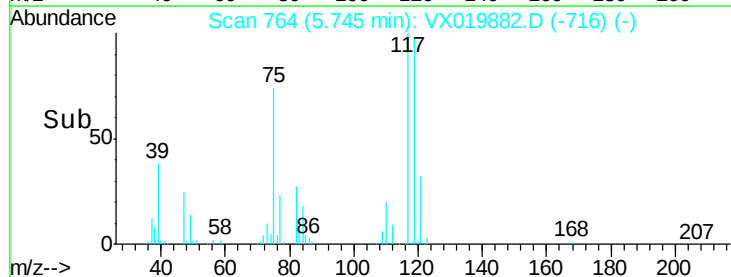
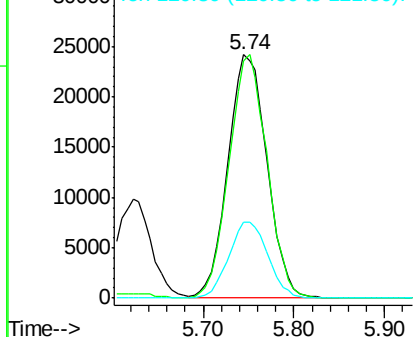


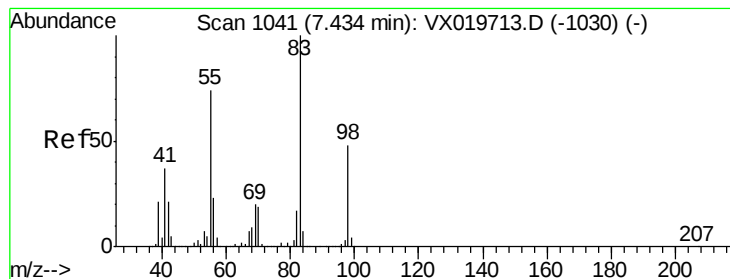
#38
Carbon Tetrachloride
Concen: 18.220 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 117 Resp: 72454
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.2
121 31.3 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 18.372 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

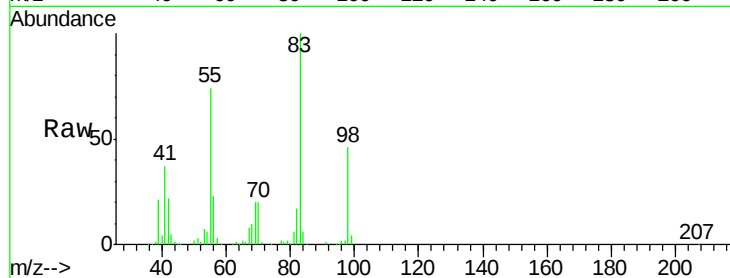
Tgt Ion: 83 Resp: 87656

Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

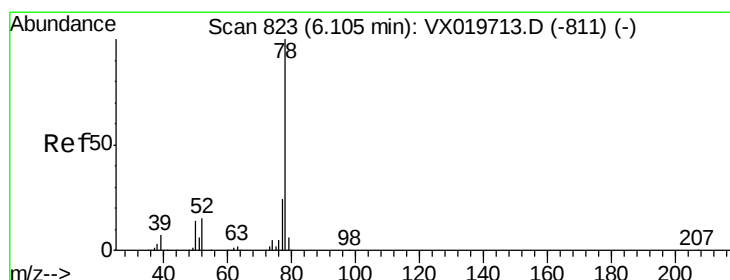
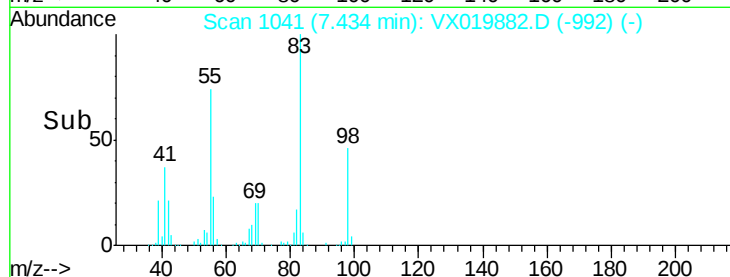
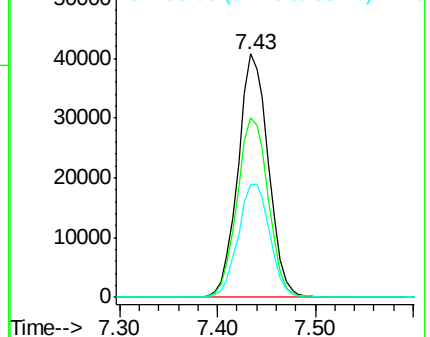
98 46.3 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.977 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019882.D

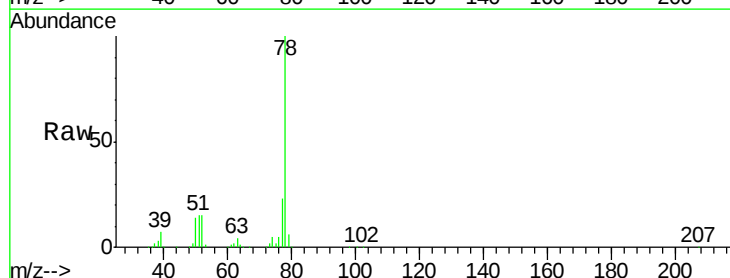
Acq: 11 Dec 2020 18:10

Tgt Ion: 78 Resp: 235408

Ion Ratio Lower Upper

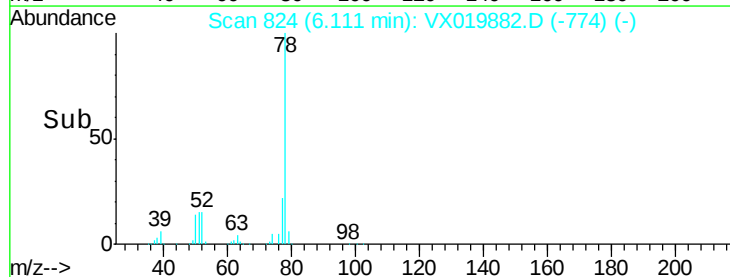
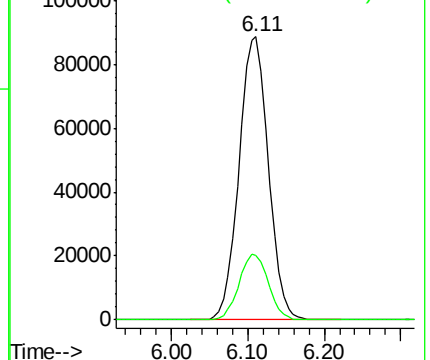
78 100

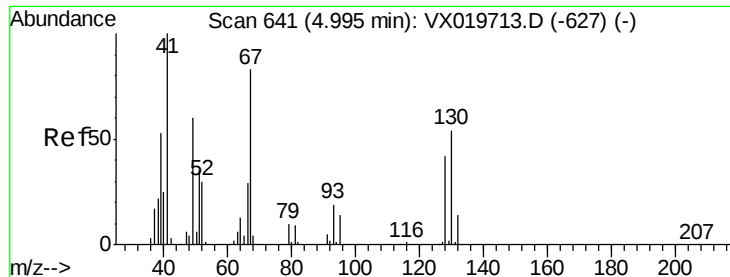
77 22.9 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.616 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

Tgt Ion: 41 Resp: 44158

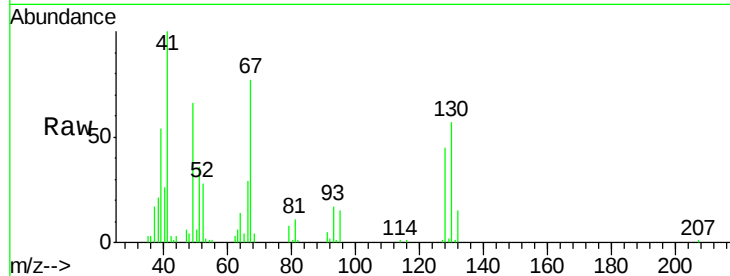
Ion Ratio Lower Upper

41 100

39 53.2 42.5 63.7

67 83.2 65.0 97.6

52 31.6 25.3 37.9

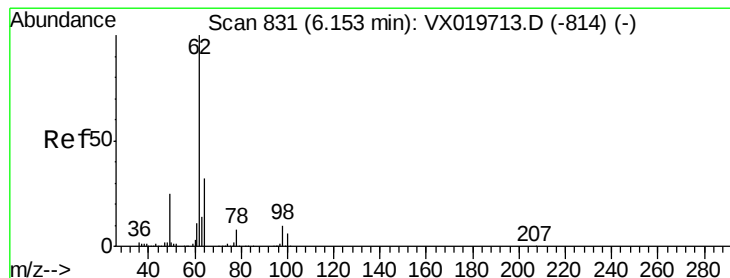
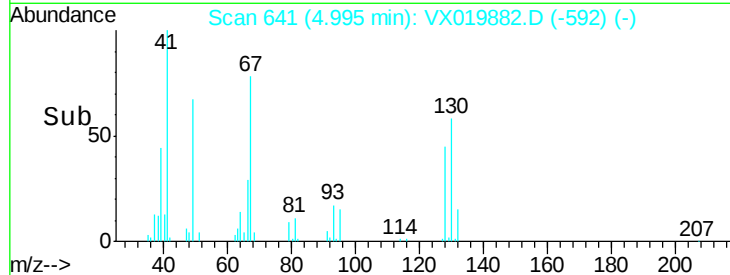
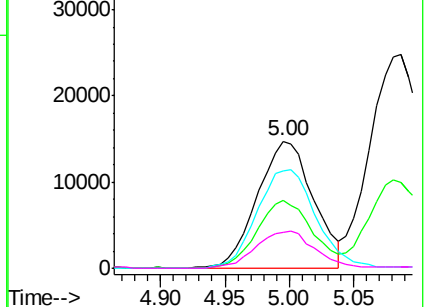


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.683 ug/l

RT: 6.15 min Scan# 831

Delta R.T. 0.00 min

Lab File: VX019882.D

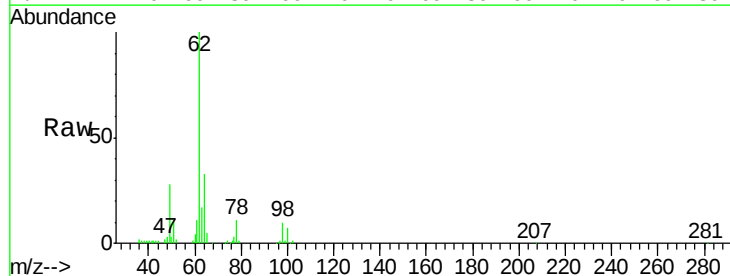
Acq: 11 Dec 2020 18:10

Tgt Ion: 62 Resp: 83421

Ion Ratio Lower Upper

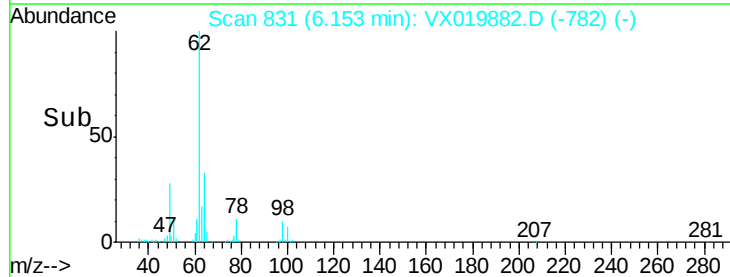
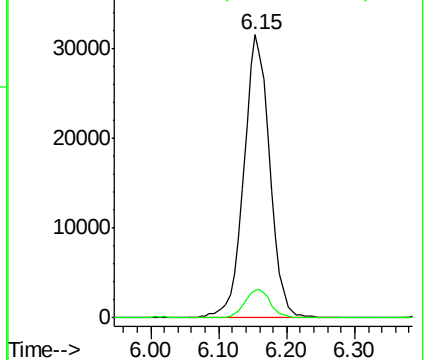
62 100

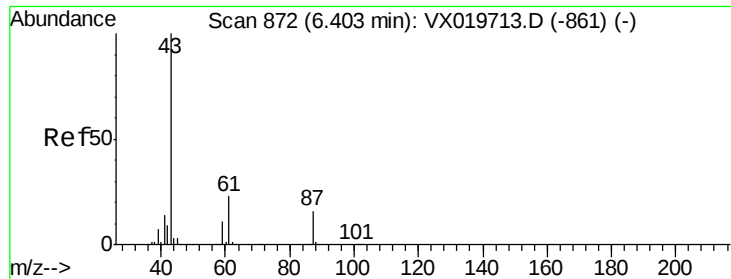
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.173 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

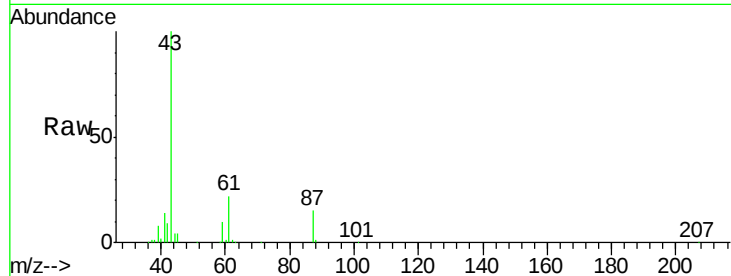
Tgt Ion: 43 Resp: 127809

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

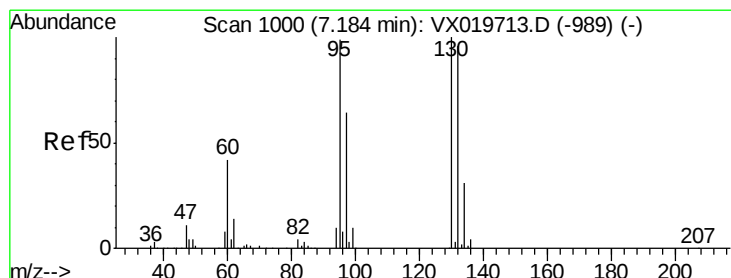
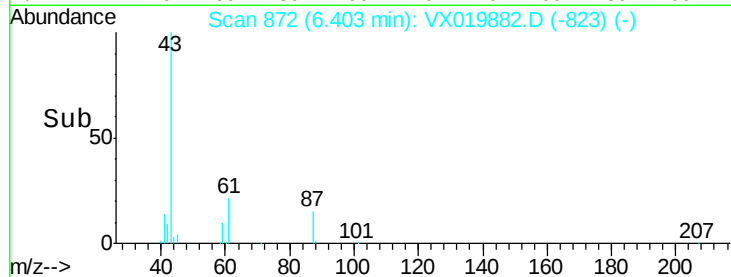
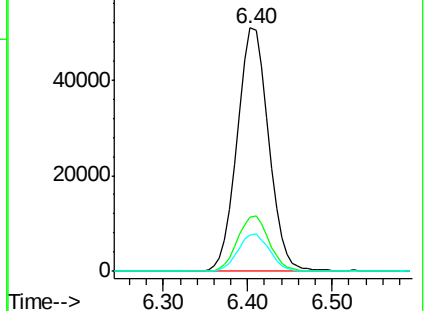
87 15.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX019713.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX019713.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX019713.D (-861) (-)



#44

Trichloroethene

Concen: 18.526 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019882.D

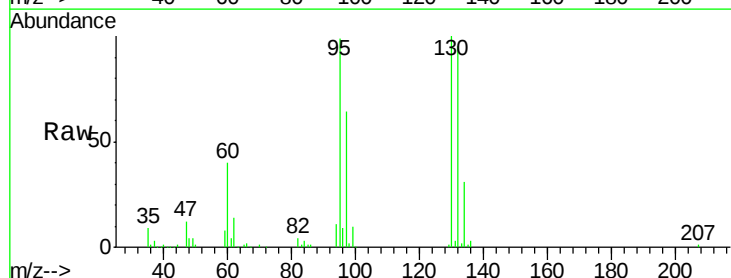
Acq: 11 Dec 2020 18:10

Tgt Ion: 130 Resp: 60297

Ion Ratio Lower Upper

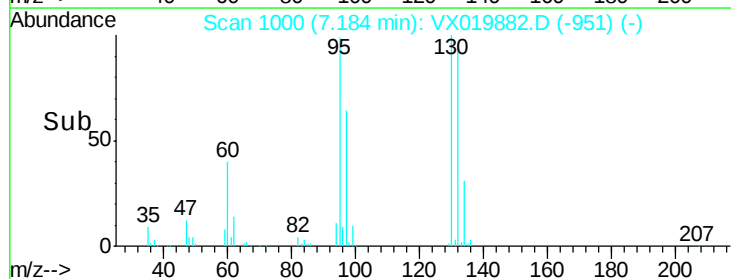
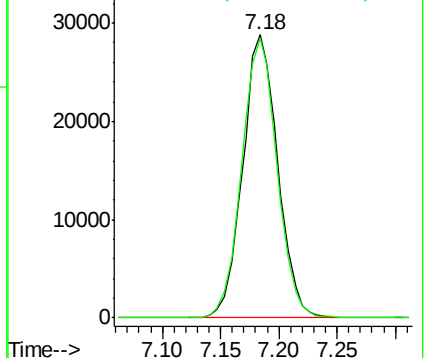
130 100

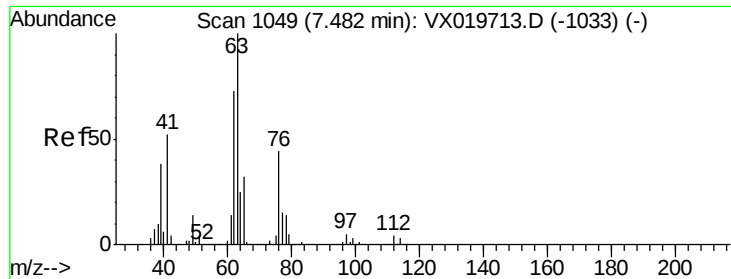
95 98.9 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VX019713.D (-989) (-)

Ion 94.90 (94.60 to 95.60): VX019713.D (-989) (-)





#45

1,2-Dichloropropane

Concen: 19.627 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

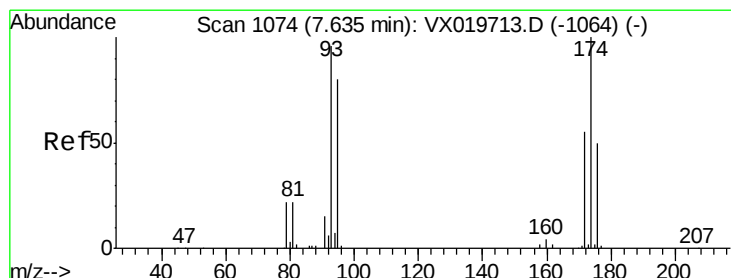
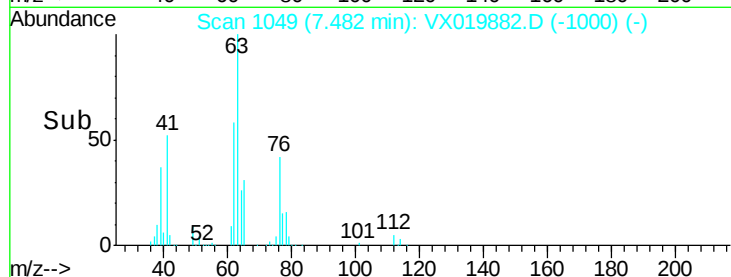
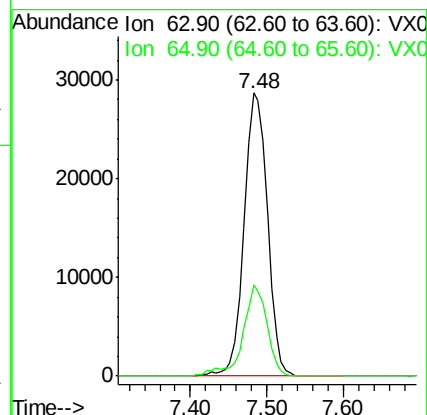
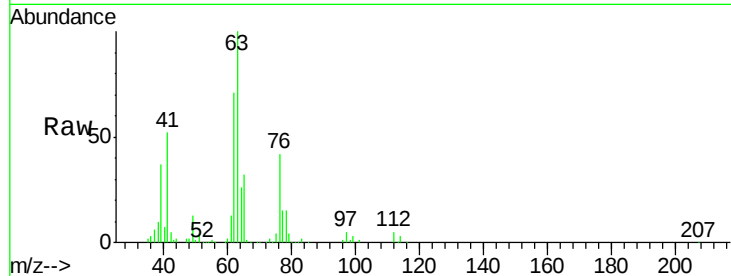
VX1211WBSD02

Tgt Ion: 63 Resp: 60849

Ion Ratio Lower Upper

63 100

65 32.5 25.7 38.5



#46

Dibromomethane

Concen: 19.305 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

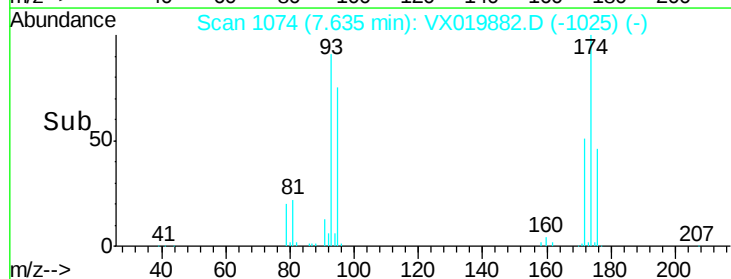
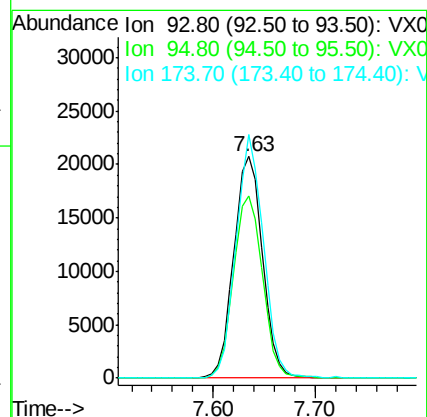
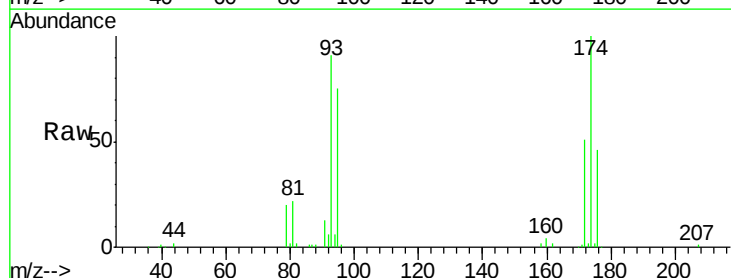
Tgt Ion: 93 Resp: 40418

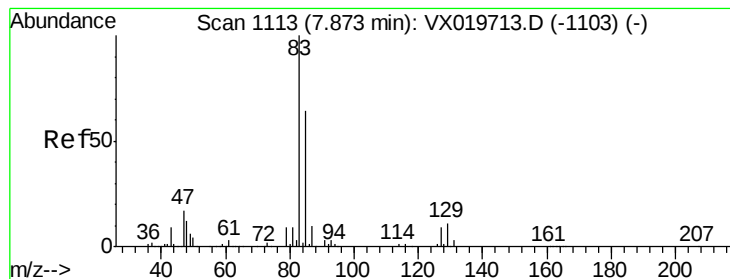
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 104.3 83.1 124.7





#47

Bromodichloromethane

Concen: 19.007 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

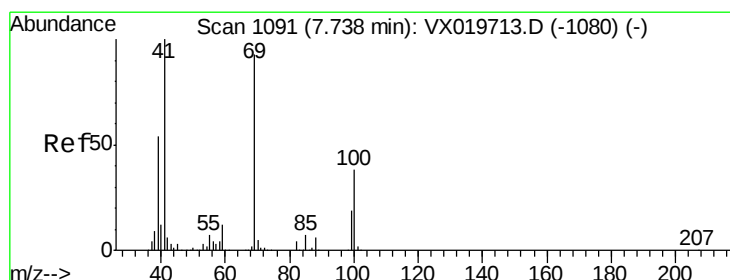
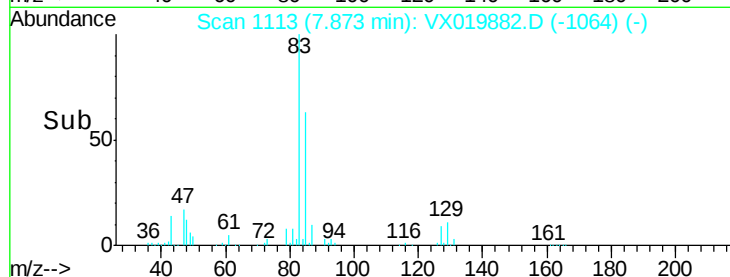
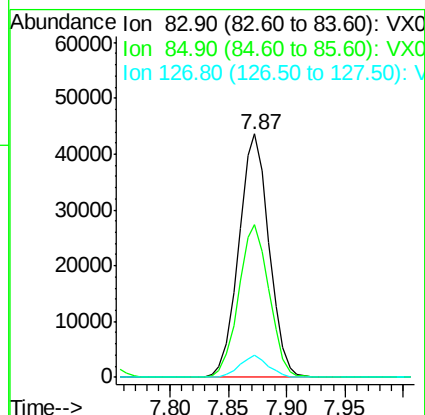
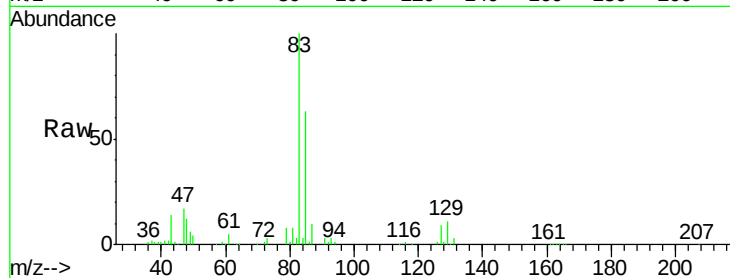
Tgt Ion: 83 Resp: 78965

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

127 8.8 6.8 10.2



#48

Methyl methacrylate

Concen: 19.379 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

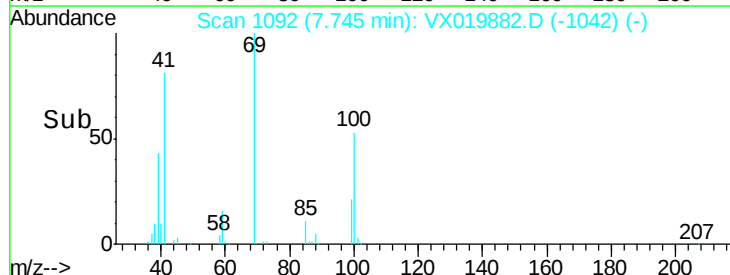
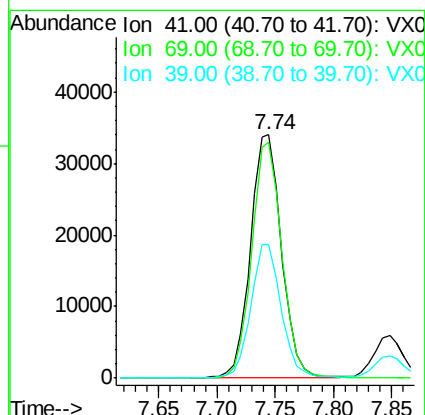
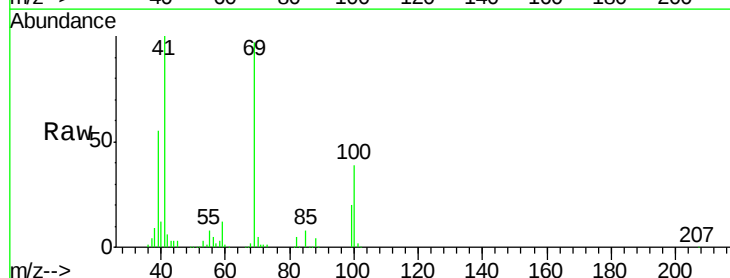
Tgt Ion: 41 Resp: 63531

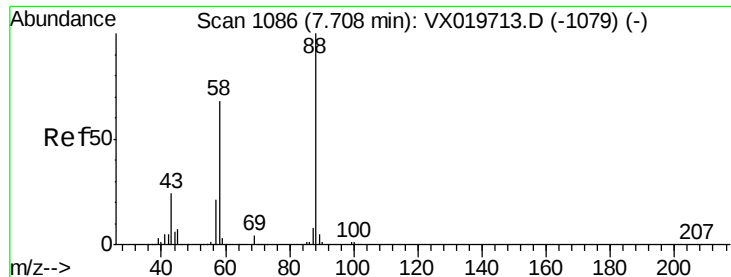
Ion Ratio Lower Upper

41 100

69 94.2 76.0 114.0

39 53.7 44.6 67.0

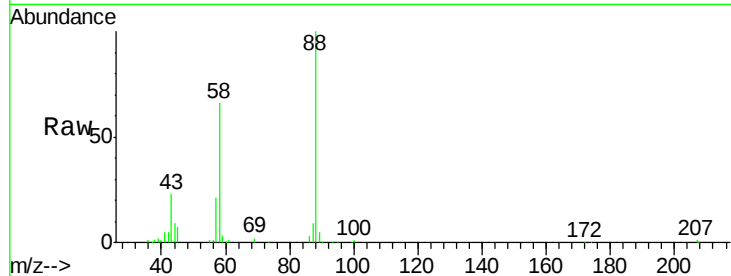




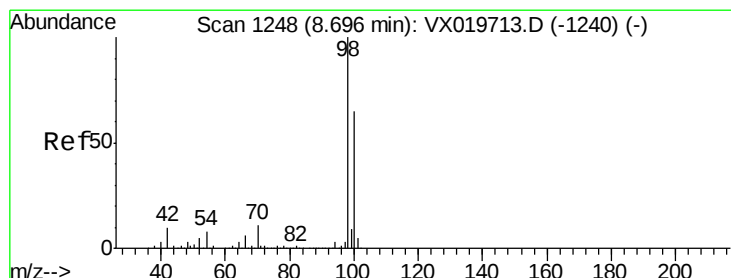
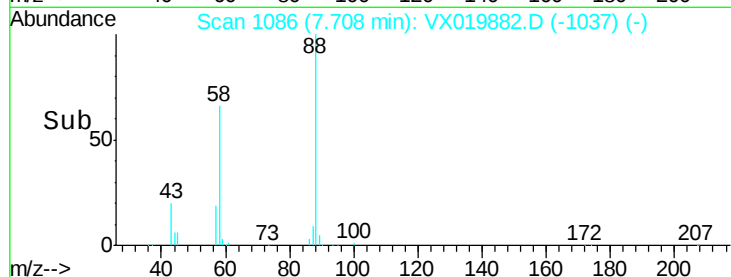
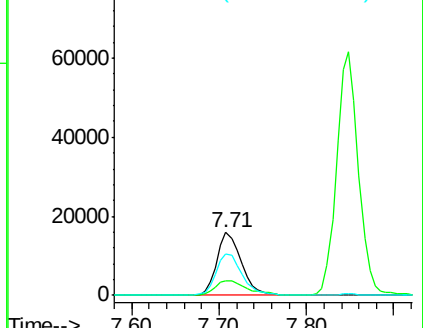
#49
1,4-Dioxane
Concen: 393.120 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion: 88 Resp: 31221
Ion Ratio Lower Upper
88 100
43 29.1 23.2 34.8
58 69.7 55.0 82.4

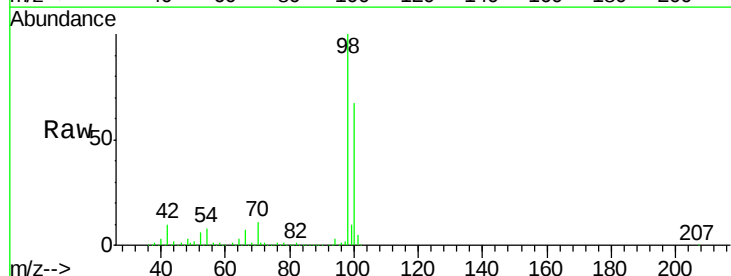


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

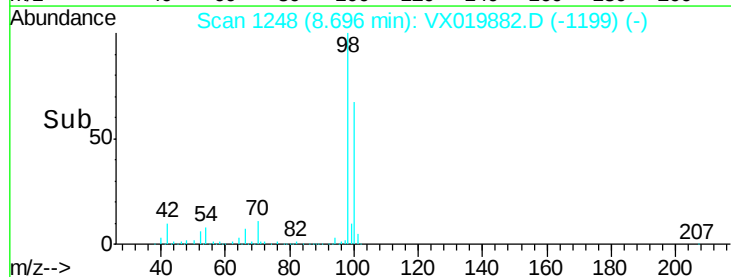
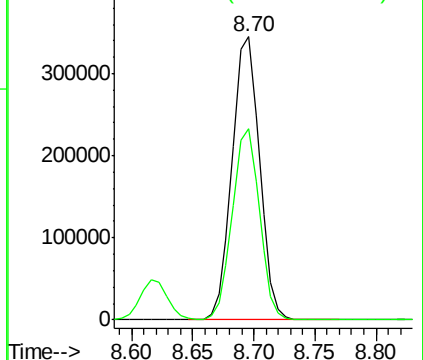


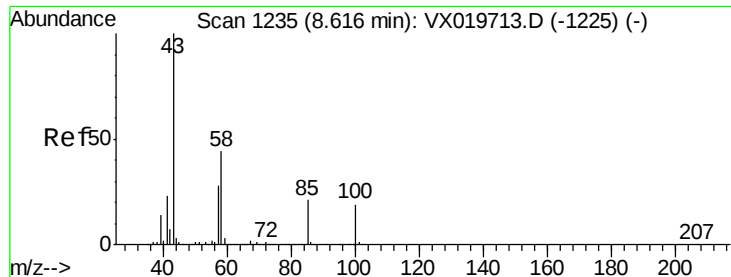
#50
Toluene-d8
Concen: 48.316 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 98 Resp: 535739
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

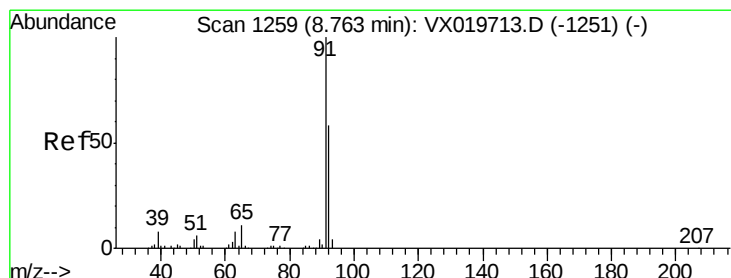
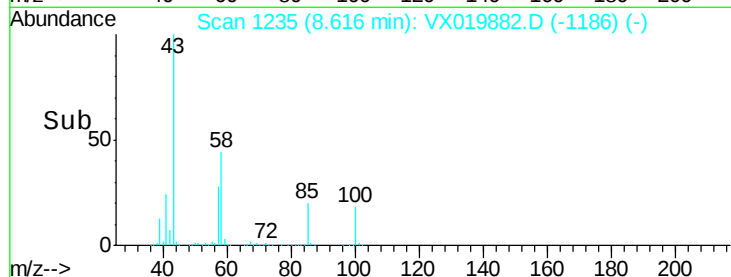
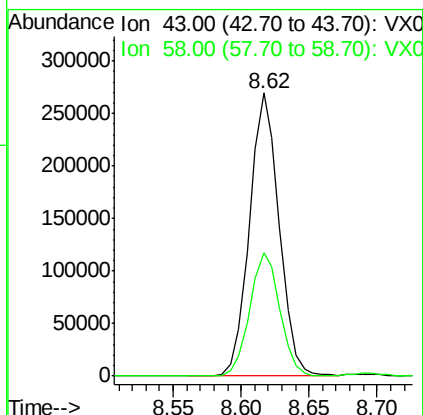
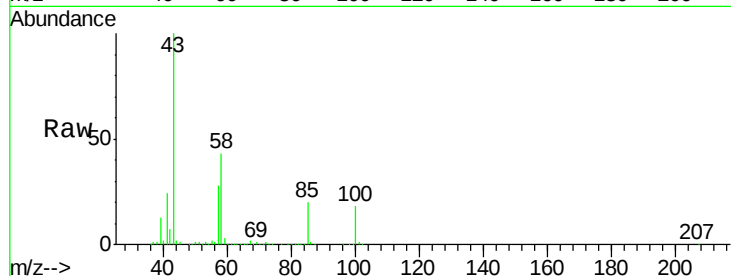




#51
 4-Methyl-2-Pentanone
 Concen: 101.005 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

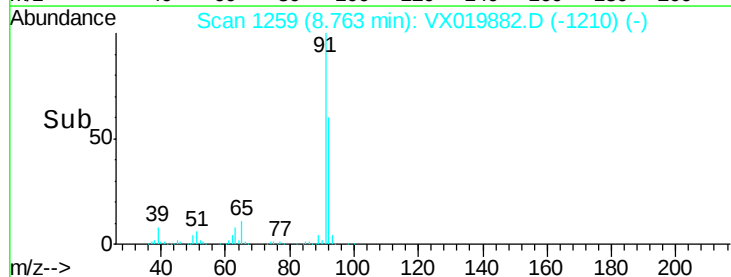
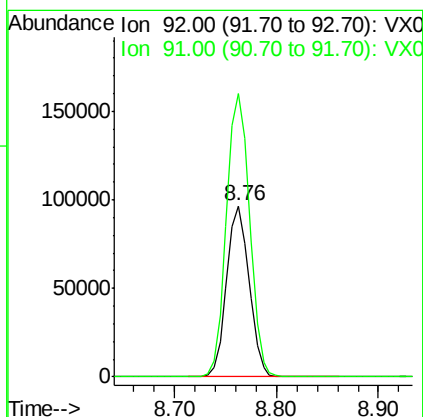
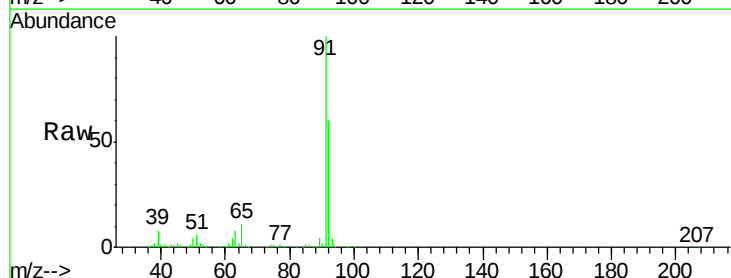
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

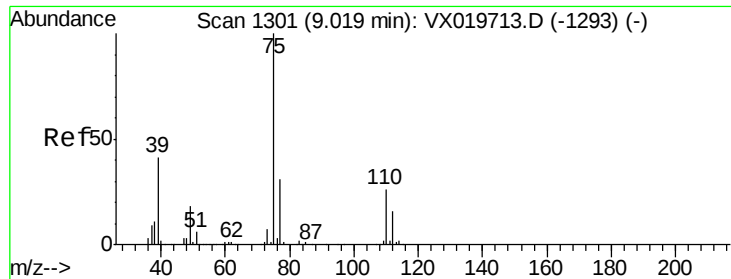
Tgt Ion: 43 Resp: 411070
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.4 53.0



#52
 Toluene
 Concen: 19.033 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 92 Resp: 147667
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.1 205.7

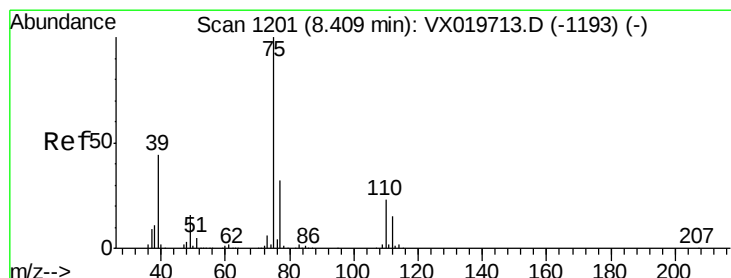
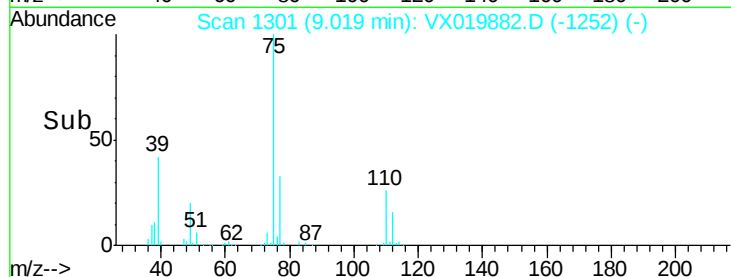
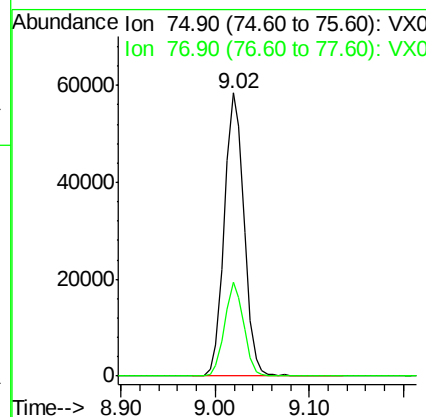
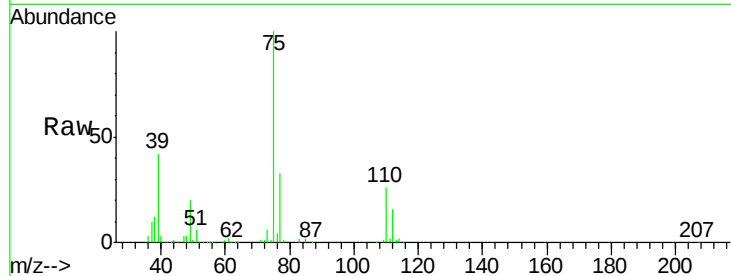




#53
 t-1,3-Dichloropropene
 Concen: 18.459 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

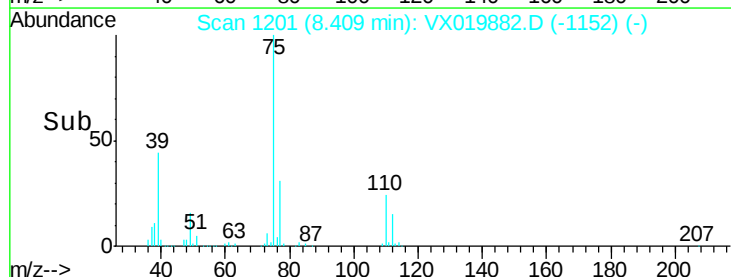
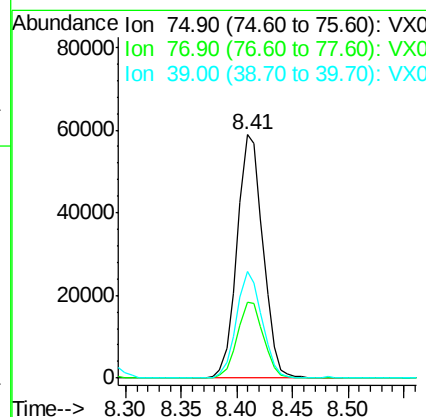
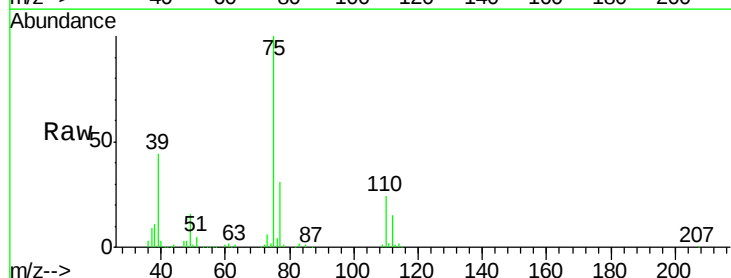
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

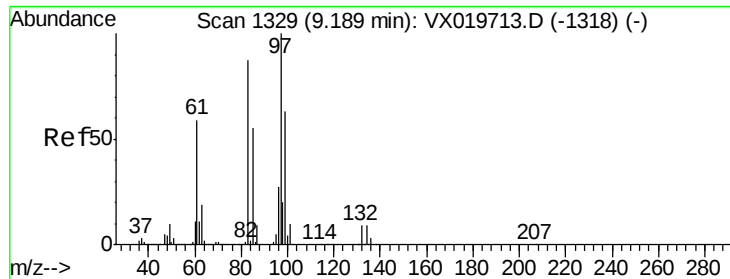
Tgt Ion: 75 Resp: 85102
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.889 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 75 Resp: 94607
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 43.7 35.1 52.7

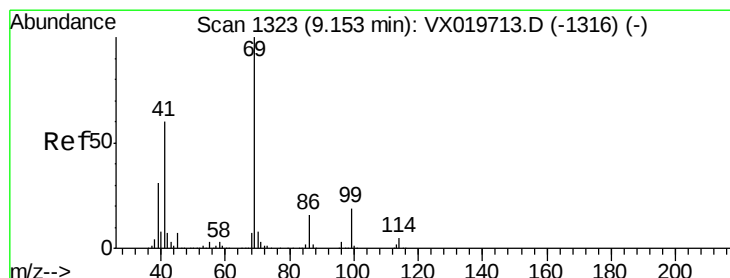
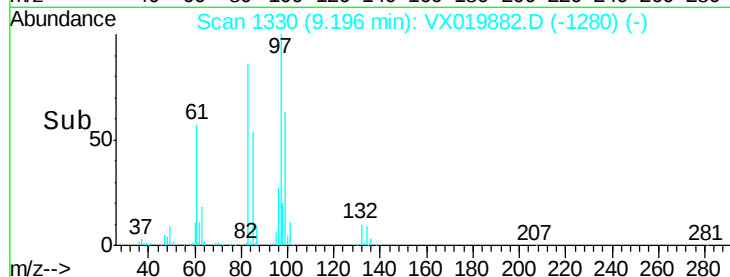
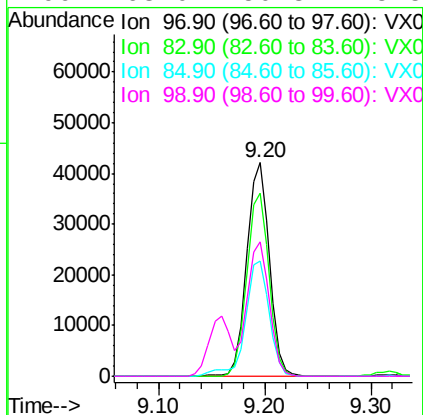
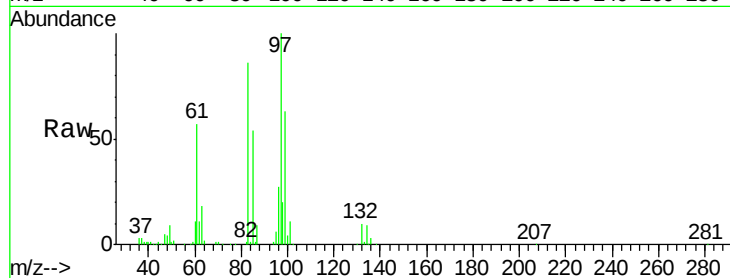




#55
 1,1,2-Trichloroethane
 Concen: 20.092 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

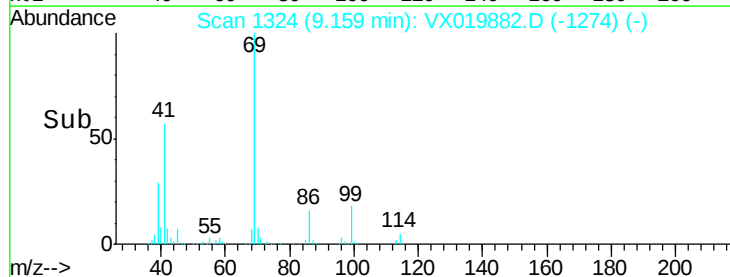
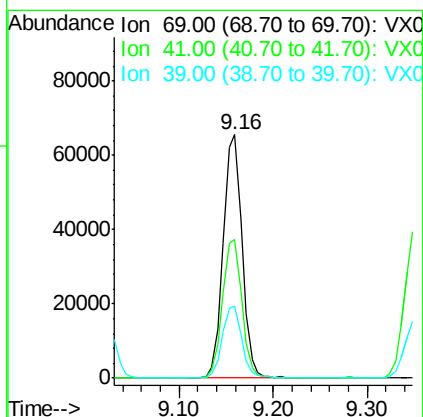
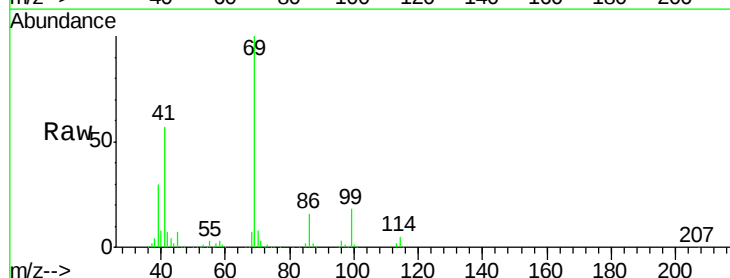
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

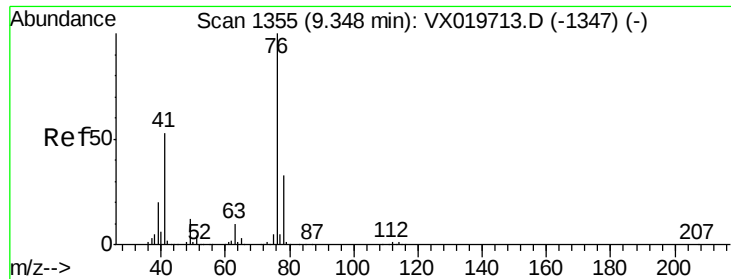
Tgt Ion: 97 Resp: 62818
 Ion Ratio Lower Upper
 97 100
 83 85.8 69.3 103.9
 85 54.2 44.3 66.5
 99 63.0 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.377 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 69 Resp: 91660
 Ion Ratio Lower Upper
 69 100
 41 58.4 46.8 70.2
 39 30.2 24.7 37.1

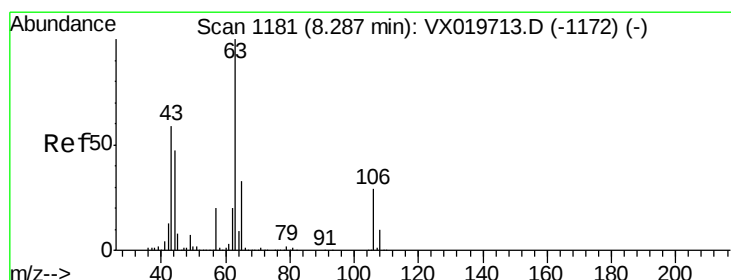
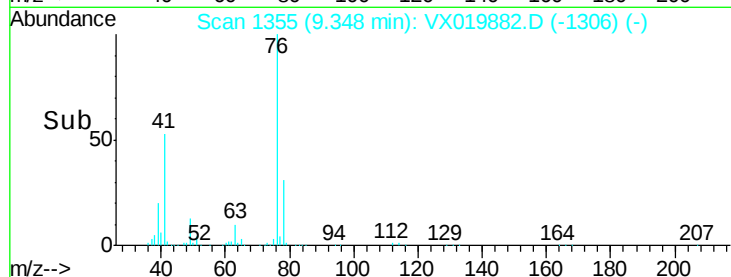
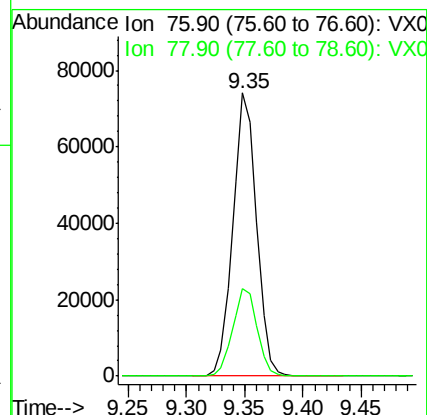
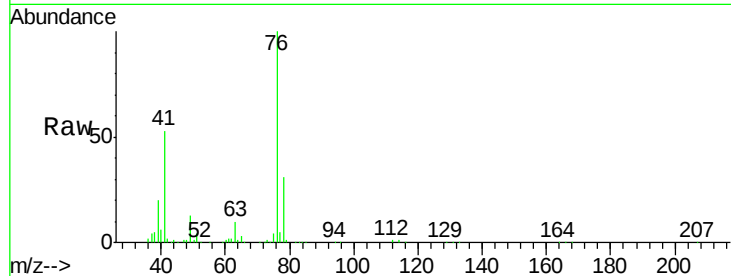




#57
 1,3-Dichloropropane
 Concen: 19.588 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

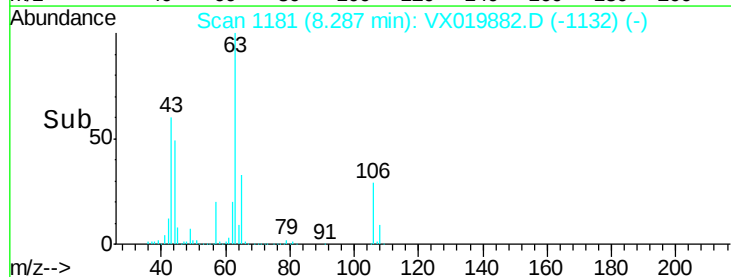
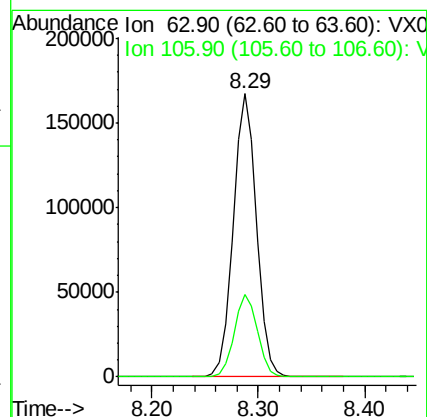
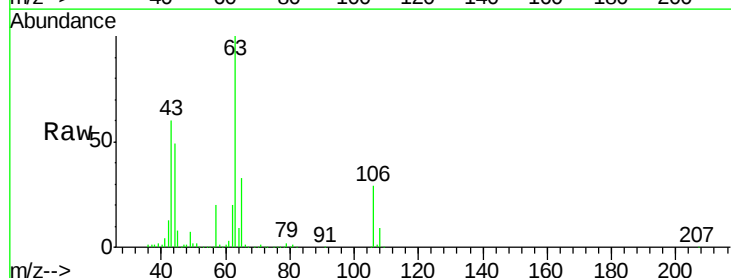
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

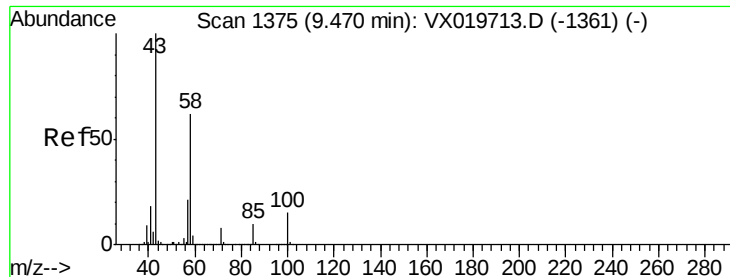
Tgt Ion: 76 Resp: 104574
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.040 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 63 Resp: 255708
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3

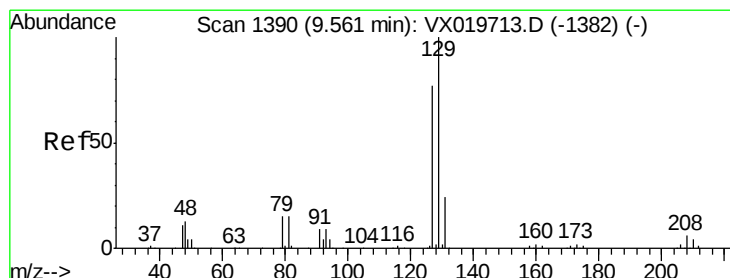
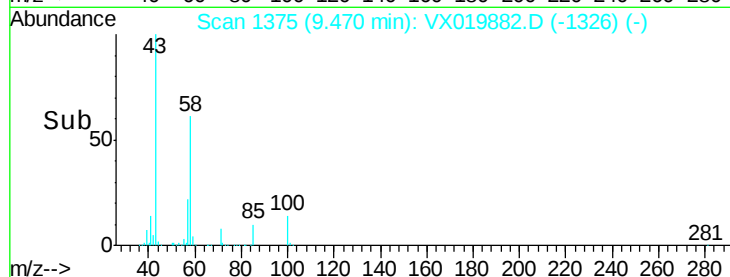
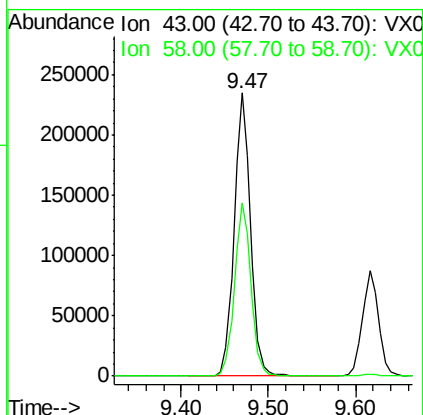
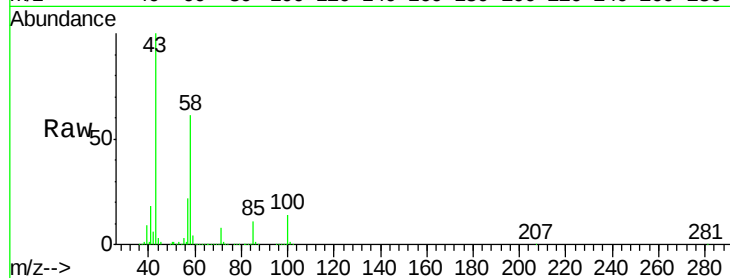




#59
2-Hexanone
Concen: 98.099 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

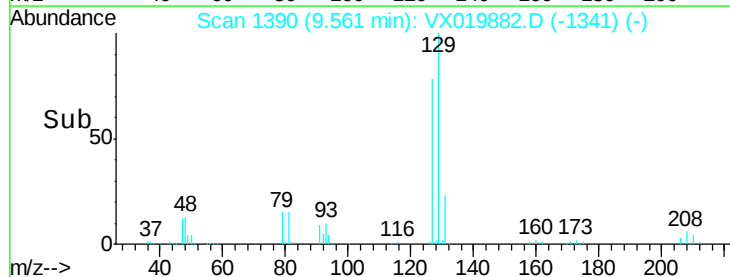
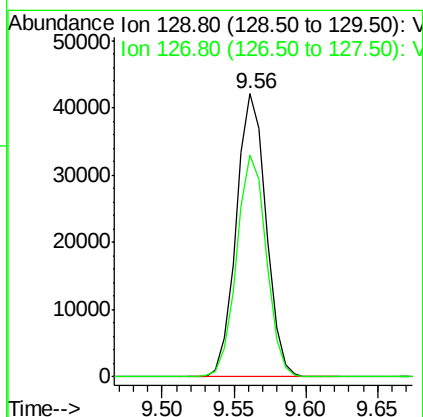
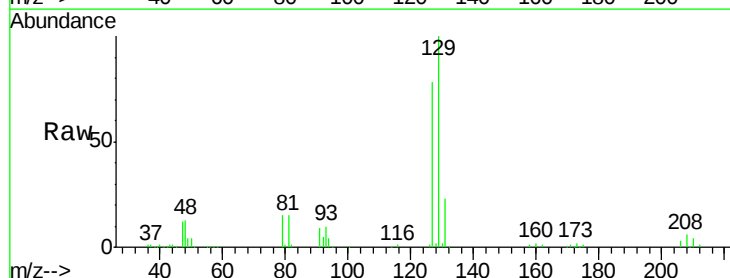
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

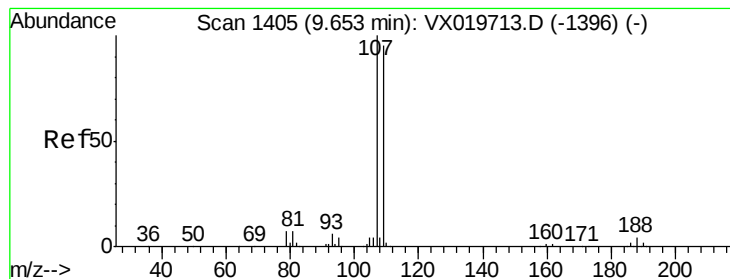
Tgt Ion: 43 Resp: 309466
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 19.110 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 129 Resp: 60705
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.255 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

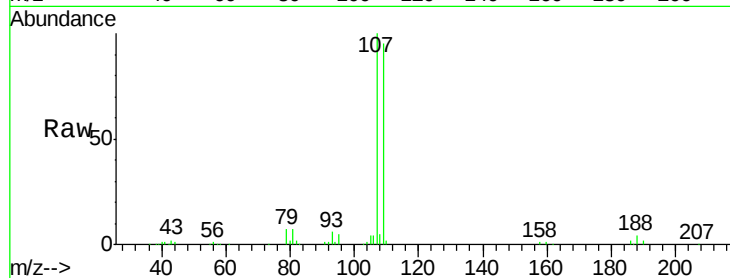
VX1211WBSD02

Tgt Ion: 107 Resp: 63928

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

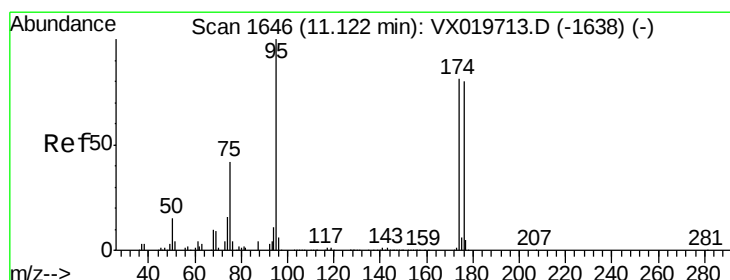
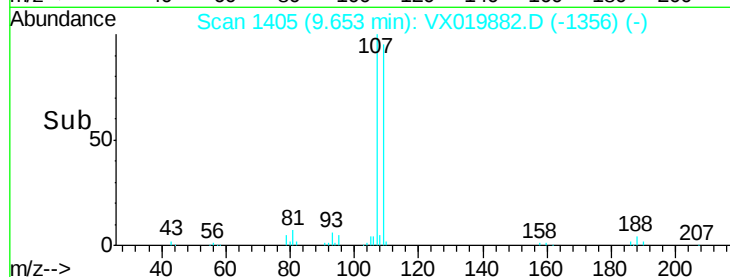
20000

10000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.580 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

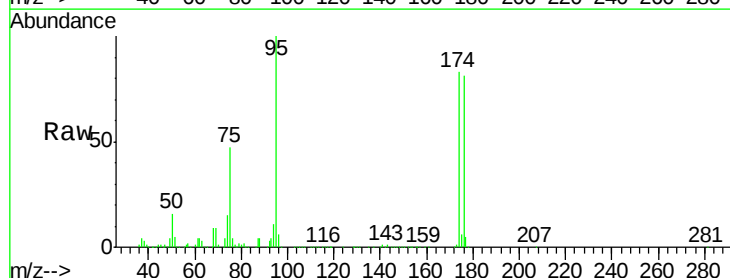
Tgt Ion: 95 Resp: 205021

Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

176 74.6 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

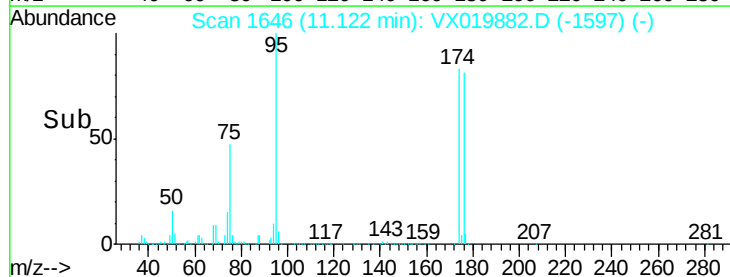
100000

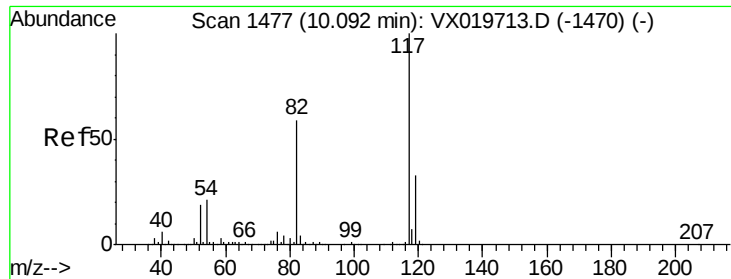
50000

0

Time-->

11.10 11.20

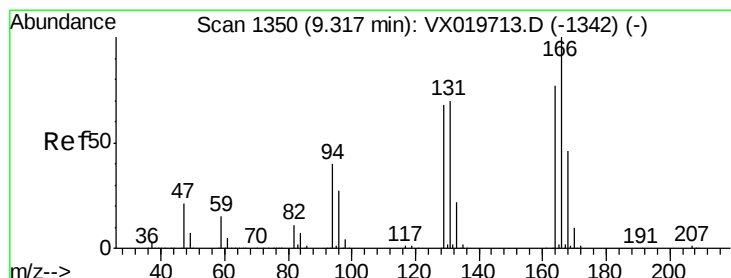
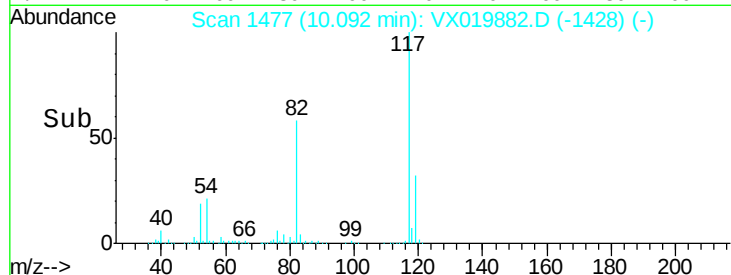
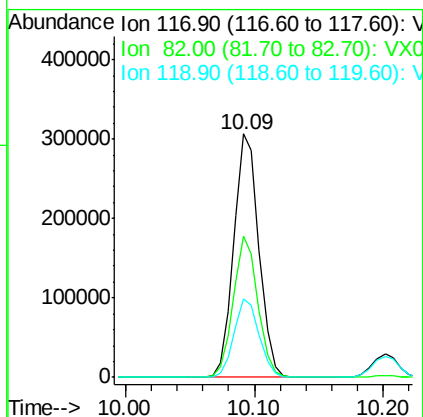
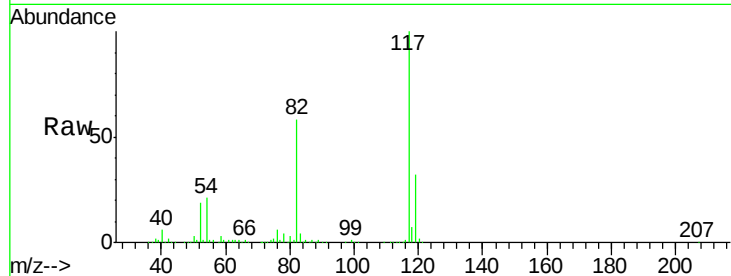




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

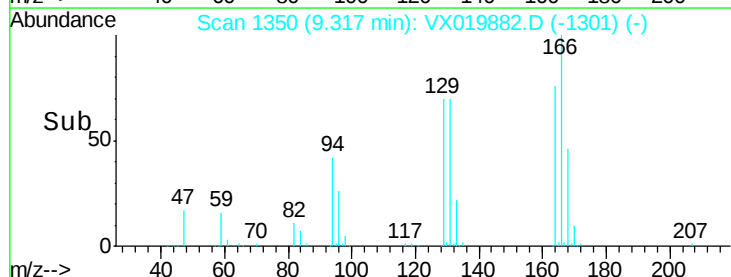
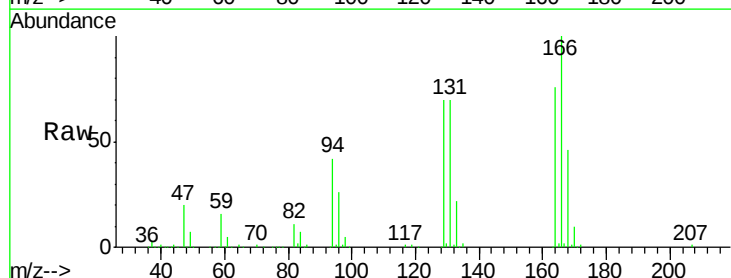
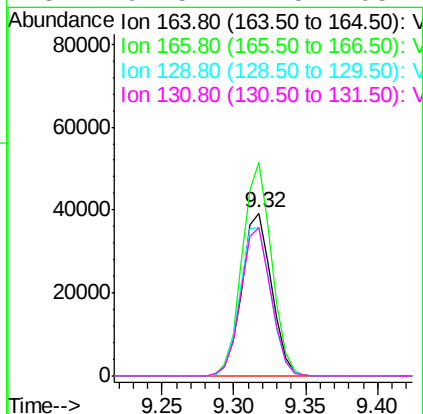
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

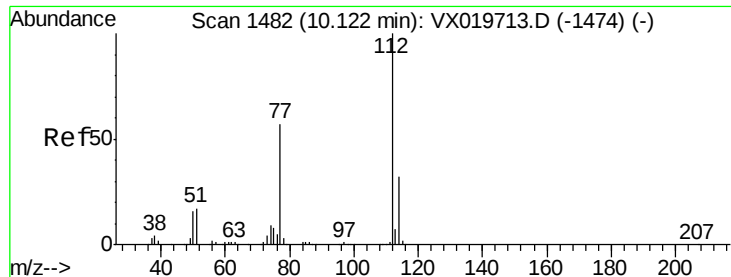
Tgt Ion:117 Resp: 416554
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 20.077 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion:164 Resp: 56084
Ion Ratio Lower Upper
164 100
166 131.2 103.4 155.2
129 91.4 70.8 106.2
131 91.5 72.5 108.7

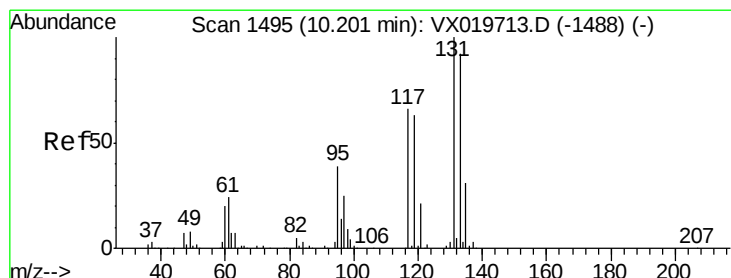
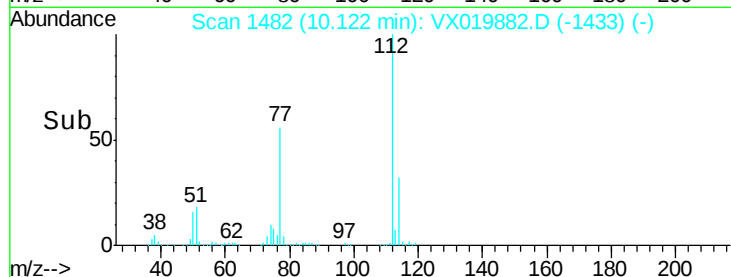
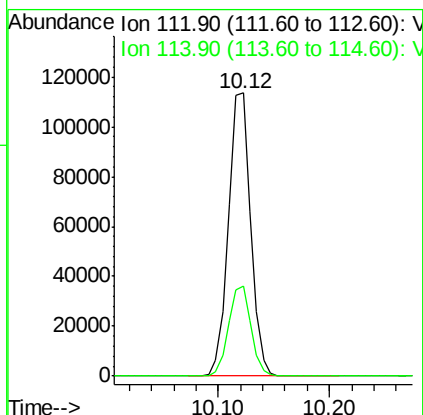
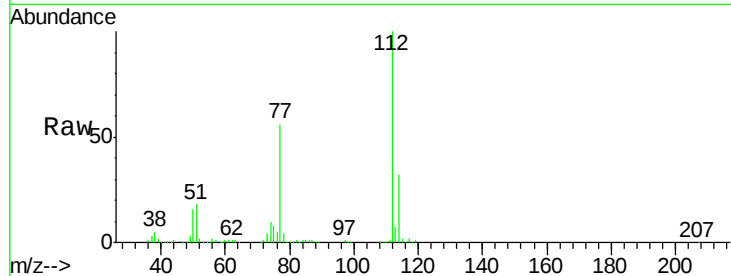




#65
Chlorobenzene
Concen: 18.925 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

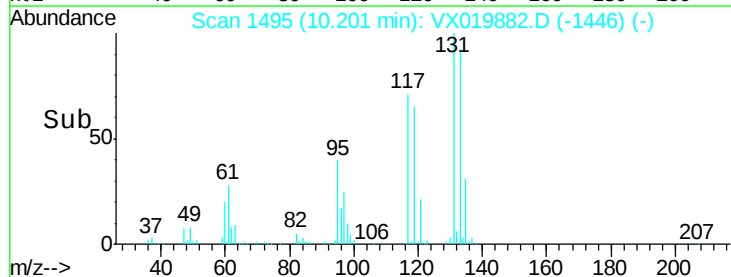
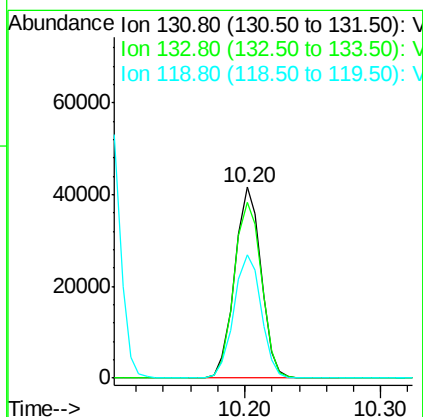
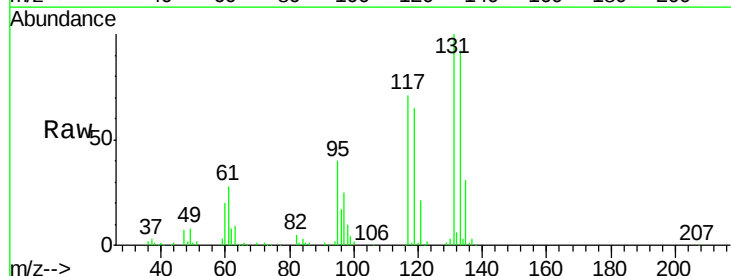
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

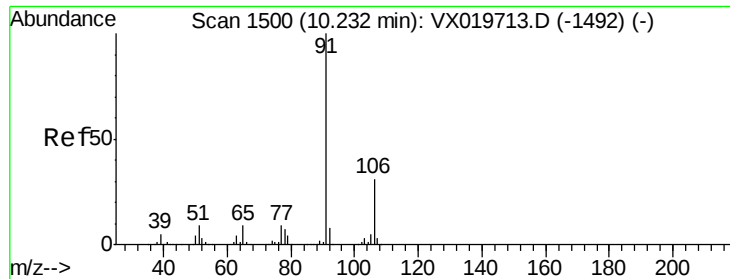
Tgt Ion:112 Resp: 157057
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion:131 Resp: 56558
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.5 32.1 96.5





#67

Ethyl Benzene

Concen: 18.783 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

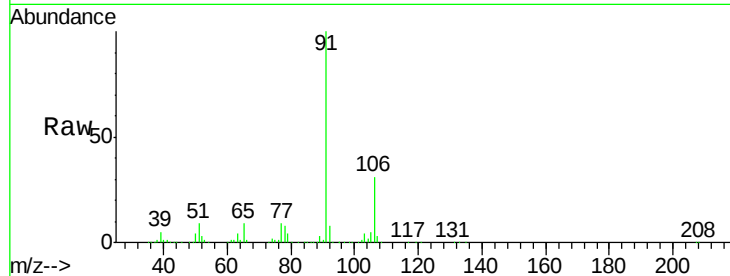
VX1211WBSD02

Tgt Ion: 91 Resp: 276694

Ion Ratio Lower Upper

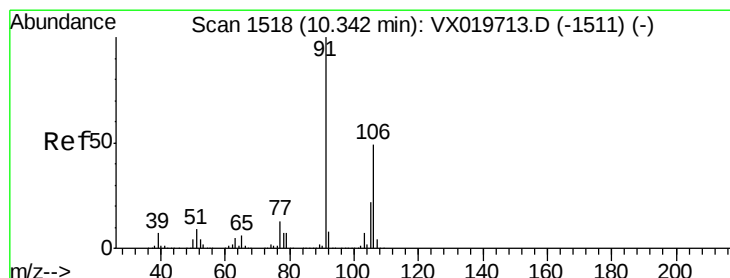
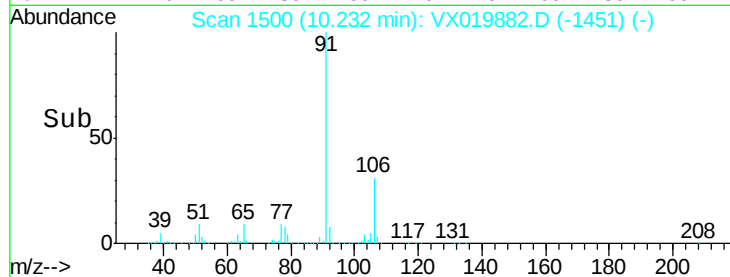
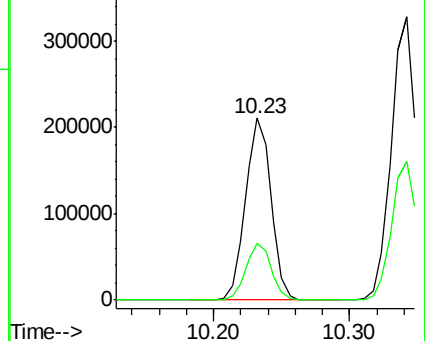
91 100

106 31.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.924 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019882.D

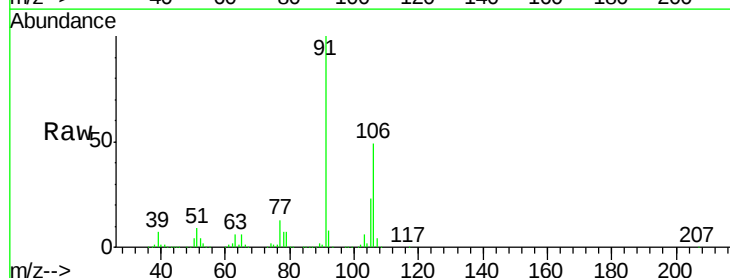
Acq: 11 Dec 2020 18:10

Tgt Ion: 106 Resp: 210508

Ion Ratio Lower Upper

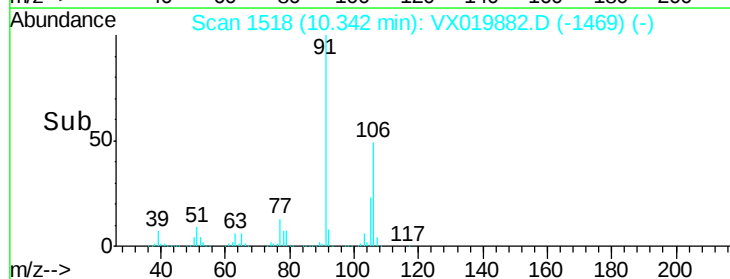
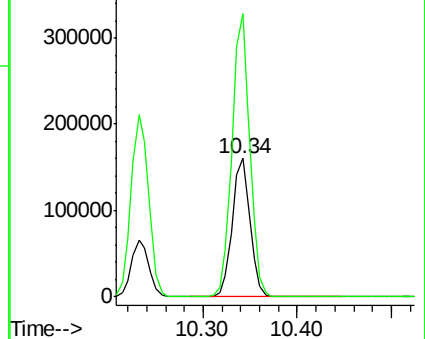
106 100

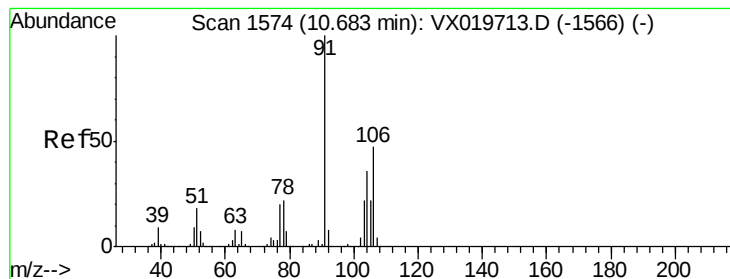
91 203.3 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 18.808 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

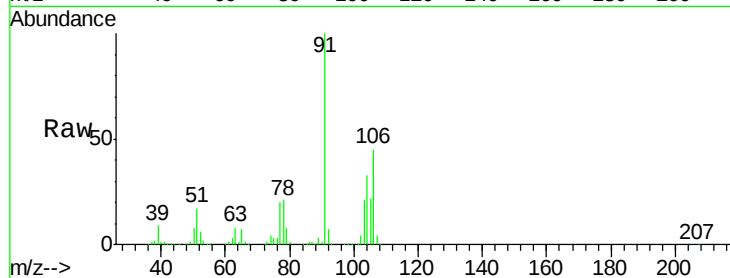
VX1211WBSD02

Tgt Ion:106 Resp: 100429

Ion Ratio Lower Upper

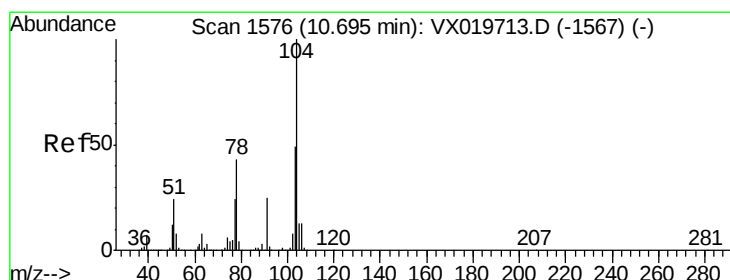
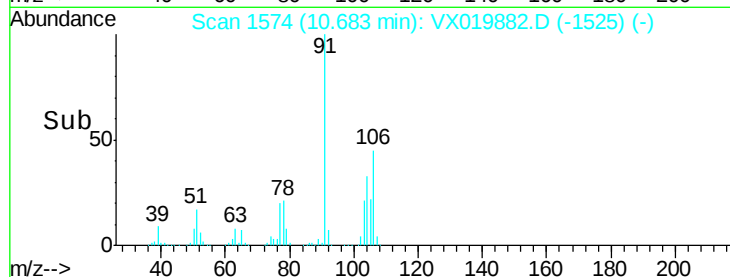
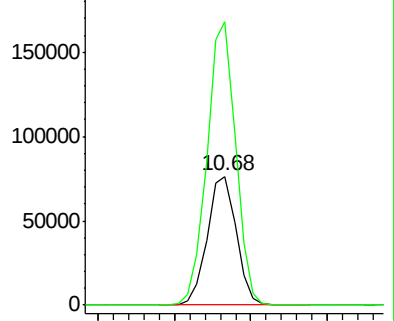
106 100

91 217.2 108.1 324.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.765 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

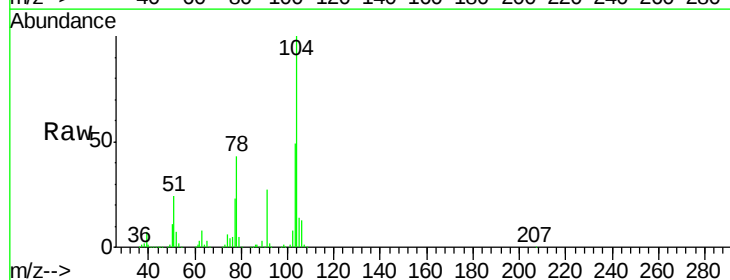
Tgt Ion:104 Resp: 169122

Ion Ratio Lower Upper

104 100

78 50.4 40.0 60.0

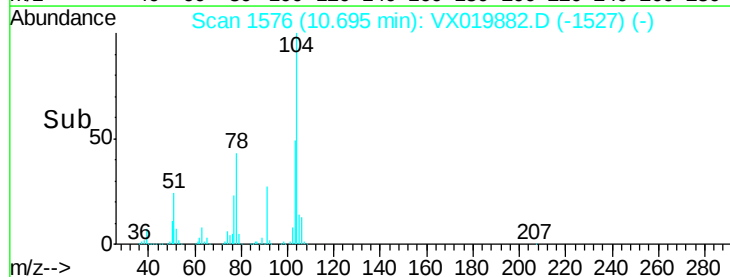
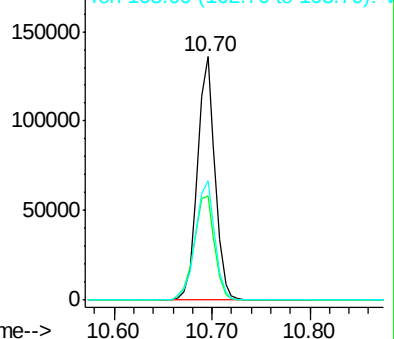
103 54.4 43.4 65.0

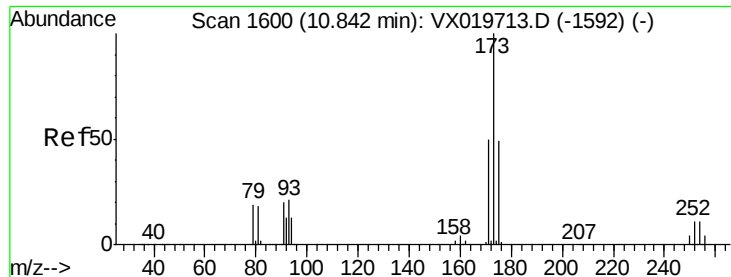


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.299 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

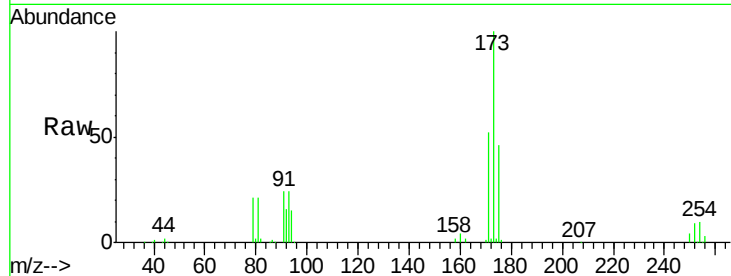
Tgt Ion:173 Resp: 42999

Ion Ratio Lower Upper

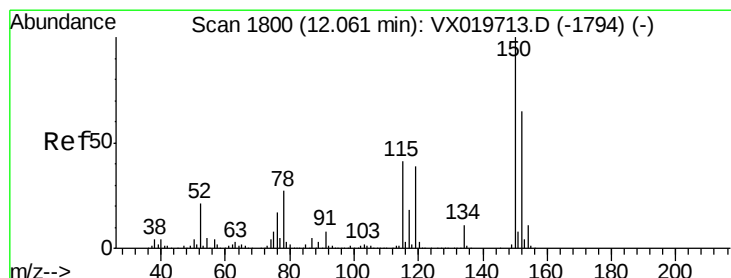
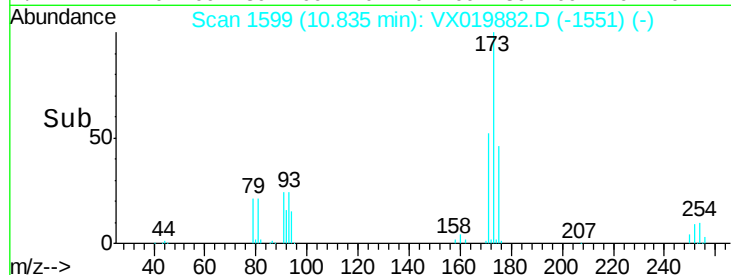
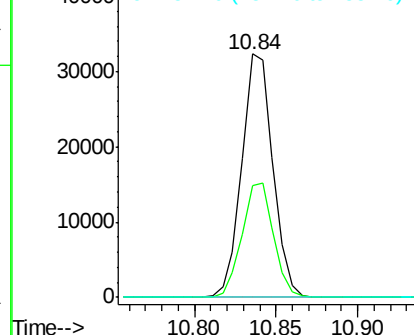
173 100

175 47.8 23.9 71.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

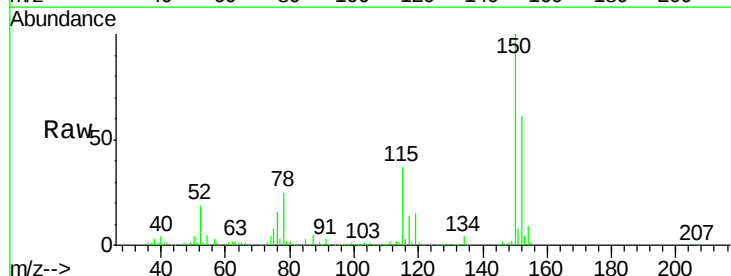
Tgt Ion:152 Resp: 208003

Ion Ratio Lower Upper

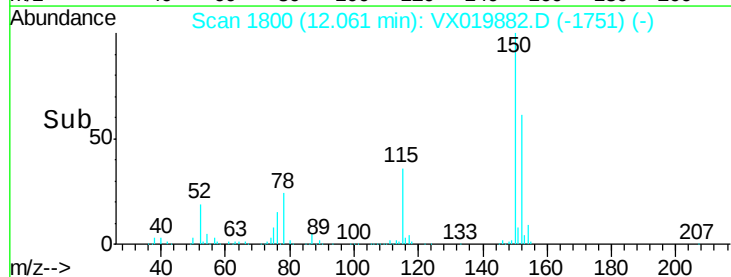
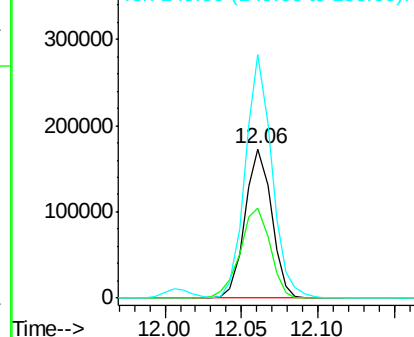
152 100

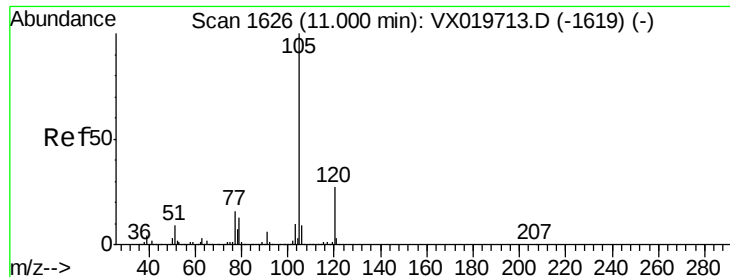
115 68.3 41.1 123.3

150 163.5 0.0 349.0



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





#73

Isopropylbenzene

Concen: 18.845 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

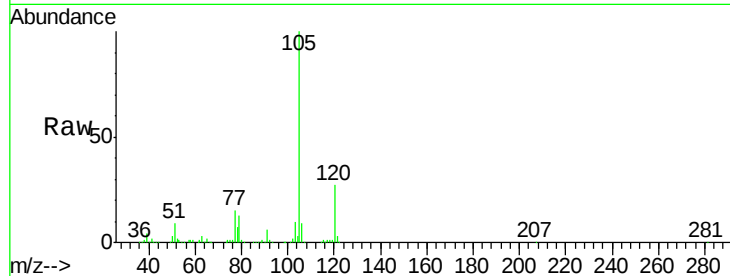
VX1211WBSD02

Tgt Ion: 105 Resp: 267794

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

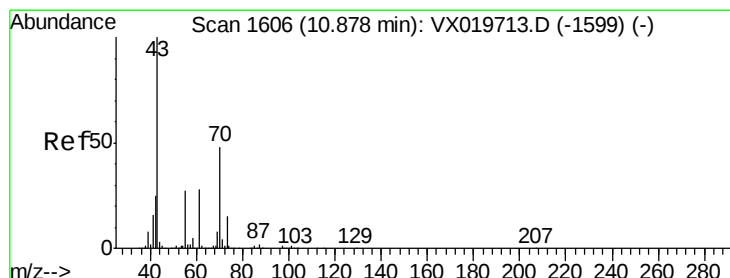
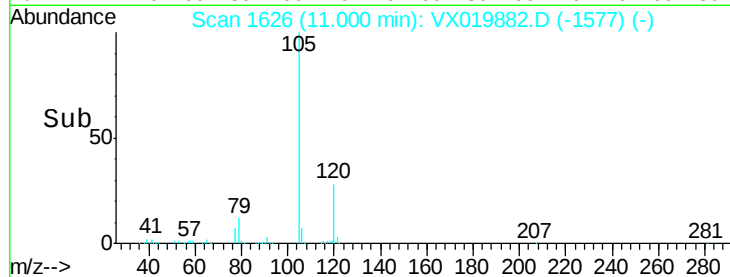
100000

50000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 18.472 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Tgt Ion: 43 Resp: 105192

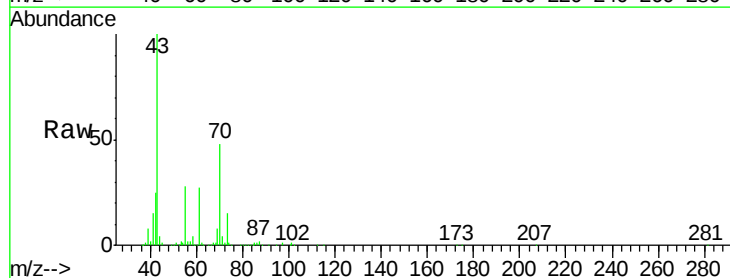
Ion Ratio Lower Upper

43 100

70 49.5 39.0 58.6

55 27.8 21.5 32.3

61 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

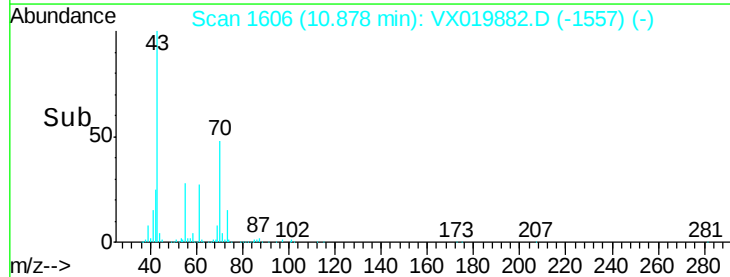
100000

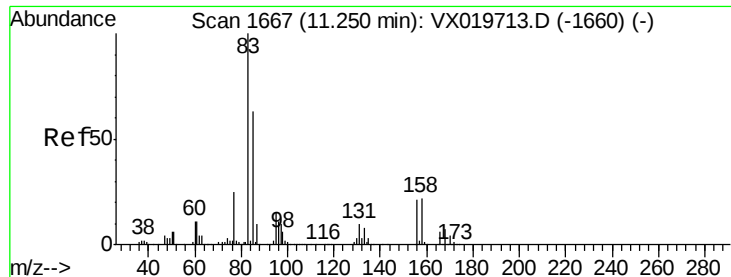
50000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.501 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

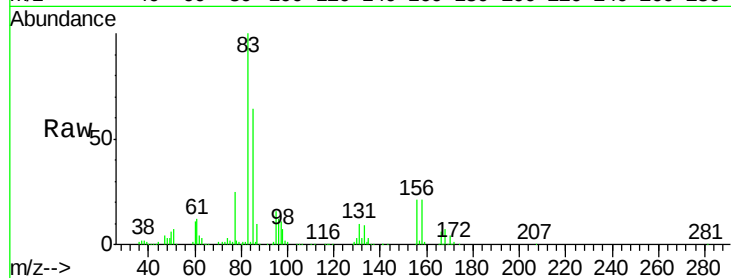
Tgt Ion: 83 Resp: 97700

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

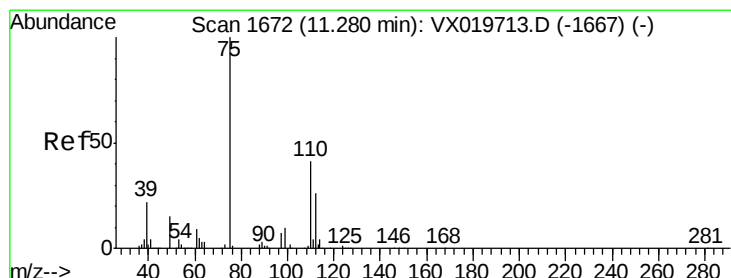
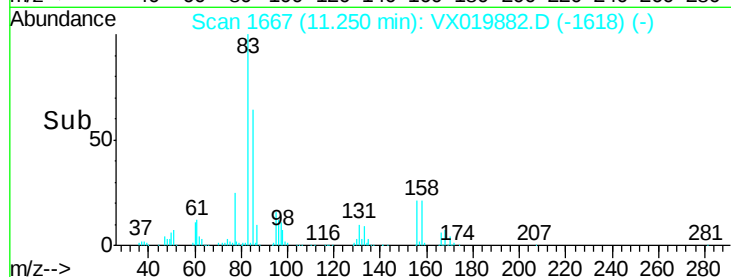
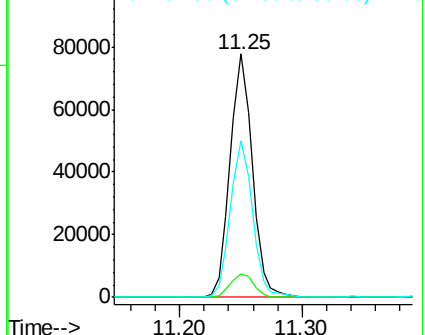
85 64.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.566 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019882.D

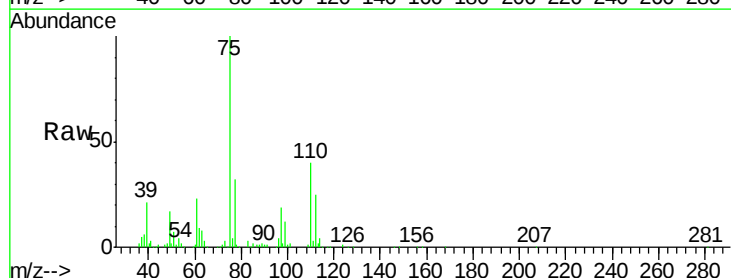
Acq: 11 Dec 2020 18:10

Tgt Ion: 75 Resp: 109938

Ion Ratio Lower Upper

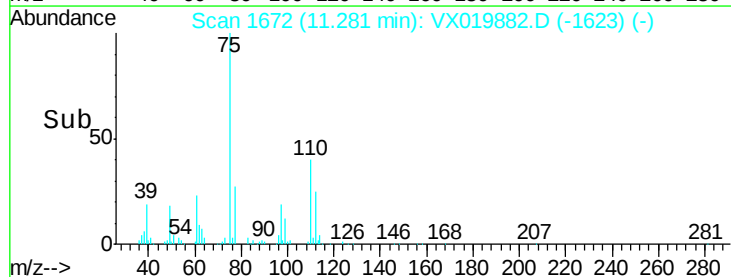
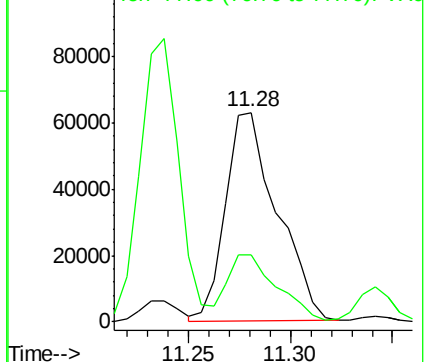
75 100

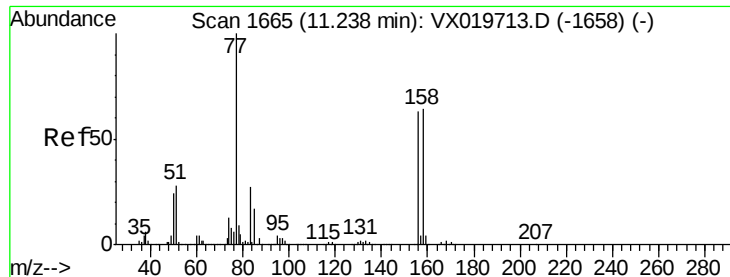
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.788 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

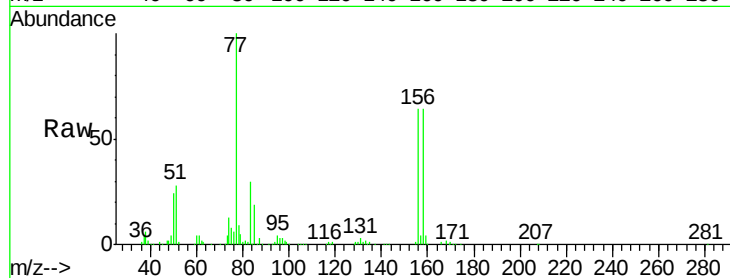
Tgt Ion:156 Resp: 68324

Ion Ratio Lower Upper

156 100

77 166.1 82.8 248.6

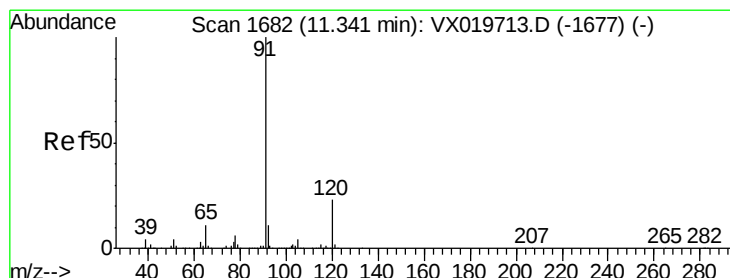
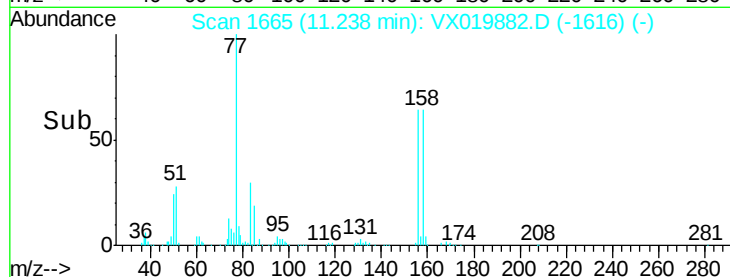
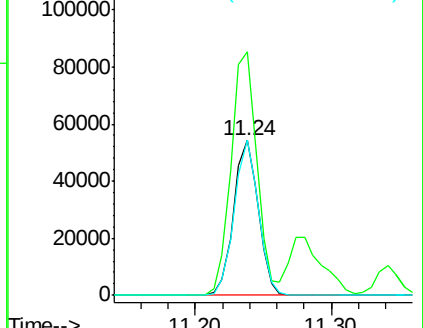
158 98.4 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.141 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019882.D

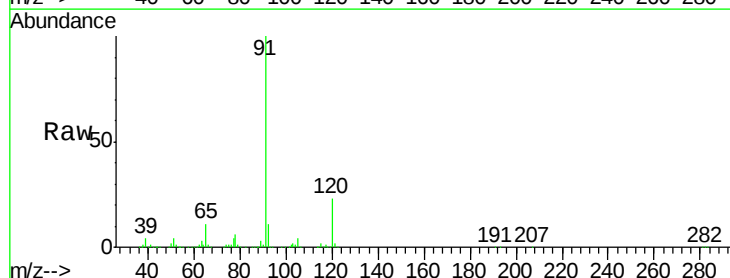
Acq: 11 Dec 2020 18:10

Tgt Ion: 91 Resp: 310666

Ion Ratio Lower Upper

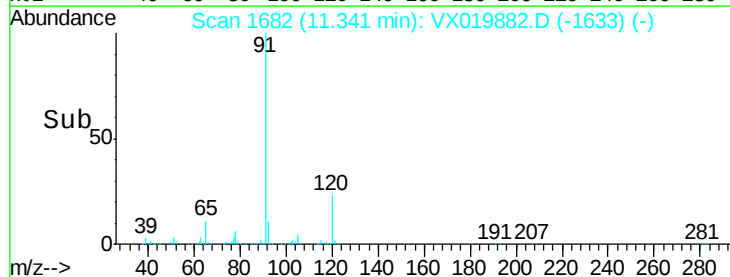
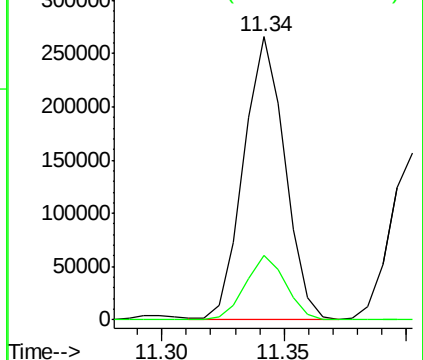
91 100

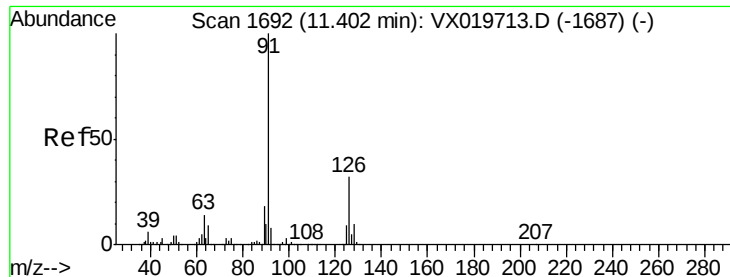
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

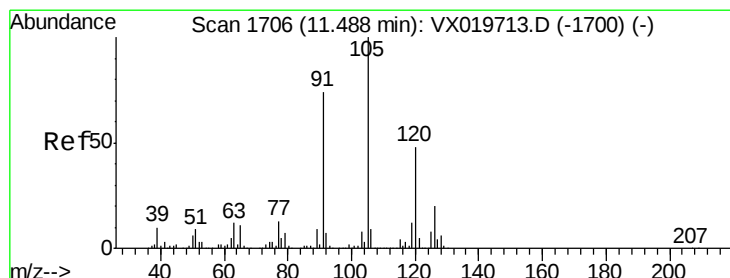
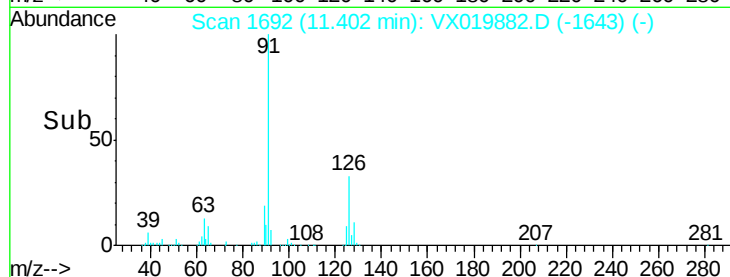
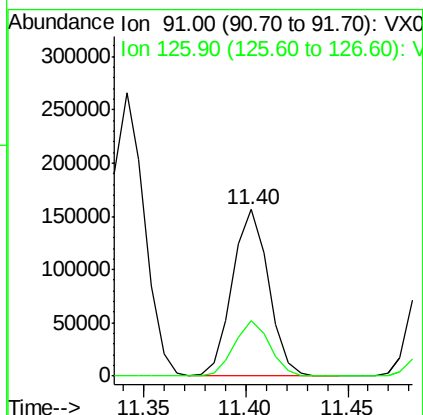
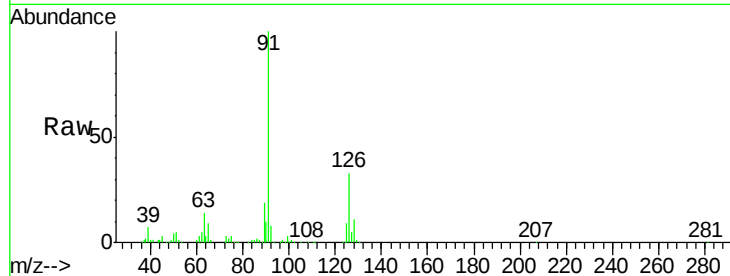




#79
 2-Chlorotoluene
 Concen: 19.120 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

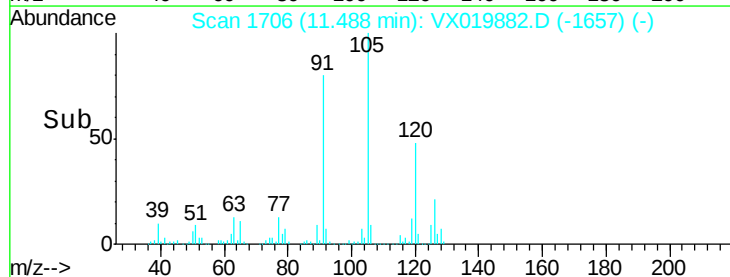
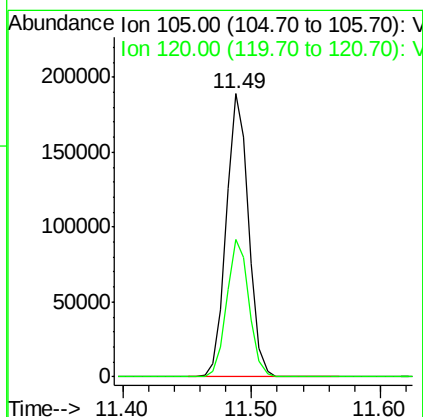
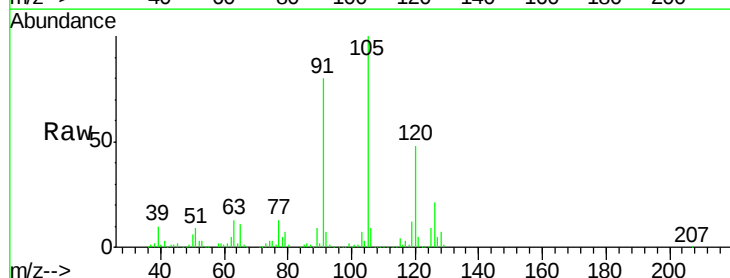
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

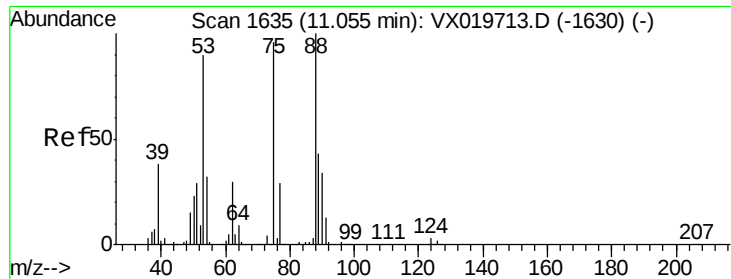
Tgt Ion: 91 Resp: 191103
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.154 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 105 Resp: 229717
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.528 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

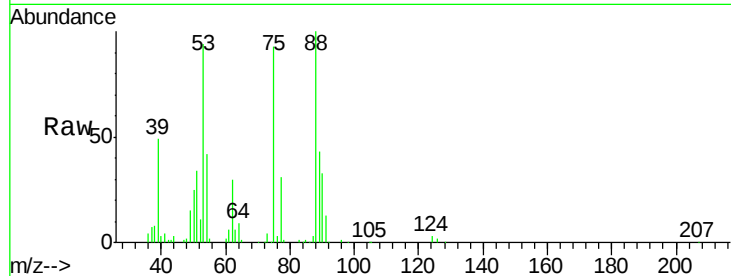
Tgt Ion: 75 Resp: 28287

Ion Ratio Lower Upper

75 100

53 99.2 74.5 111.7

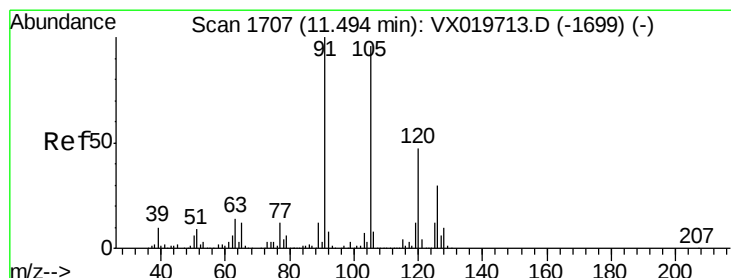
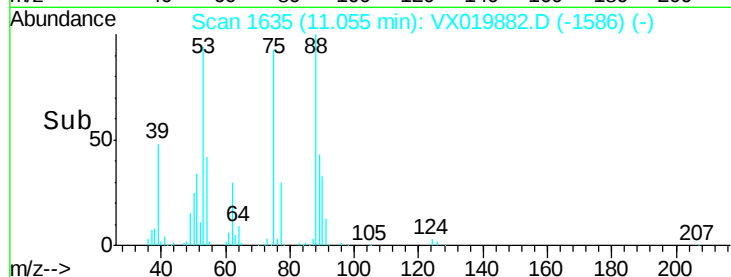
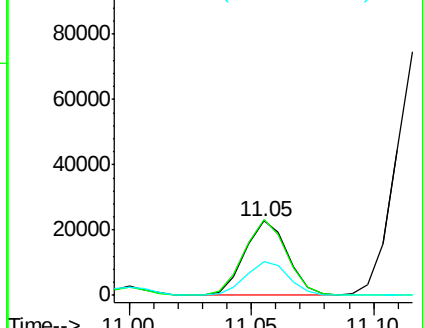
89 45.1 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.877 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019882.D

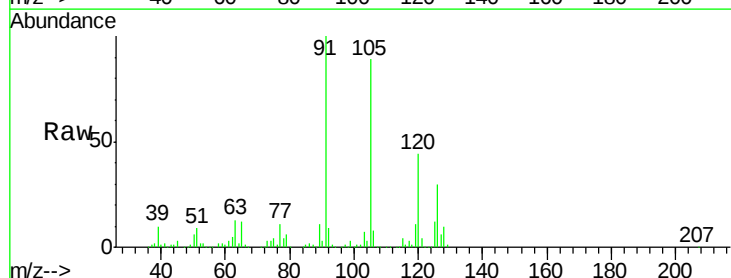
Acq: 11 Dec 2020 18:10

Tgt Ion: 91 Resp: 220981

Ion Ratio Lower Upper

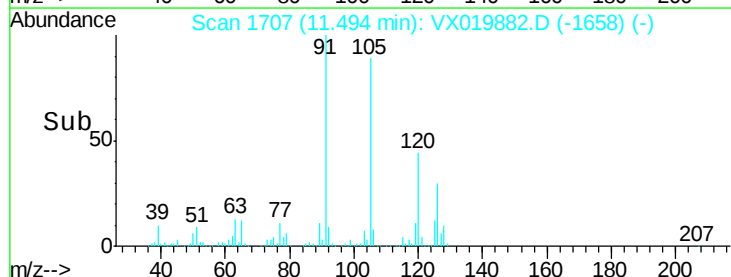
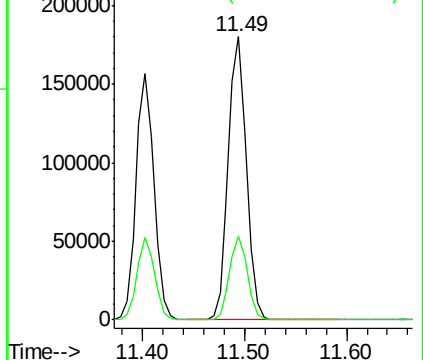
91 100

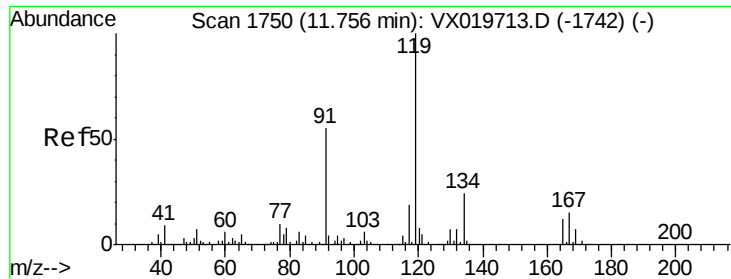
126 29.0 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

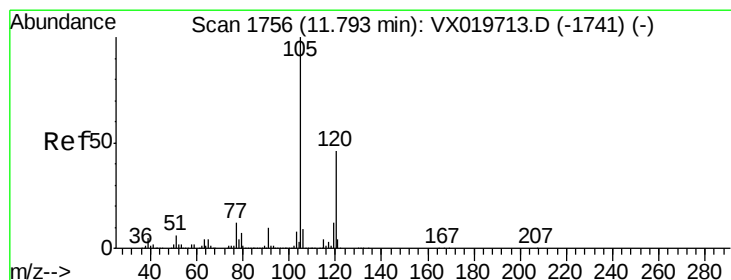
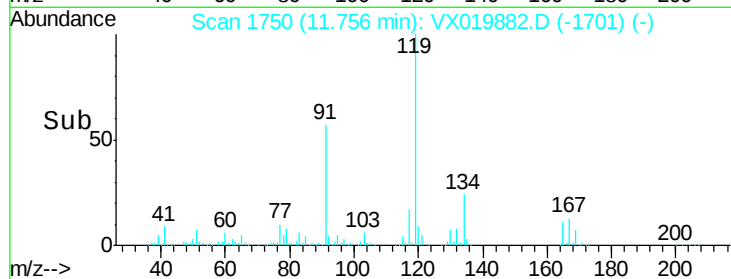
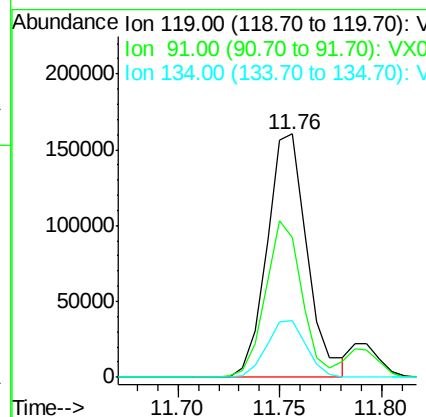
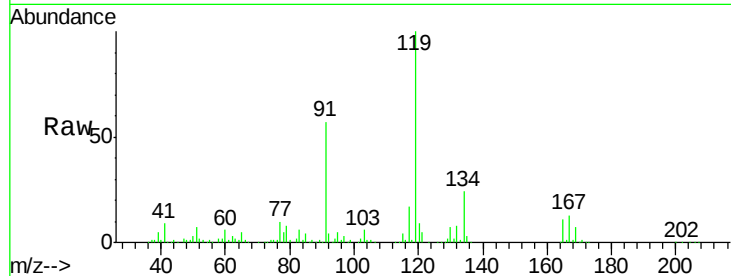




#83
 tert-Butylbenzene
 Concen: 18.680 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

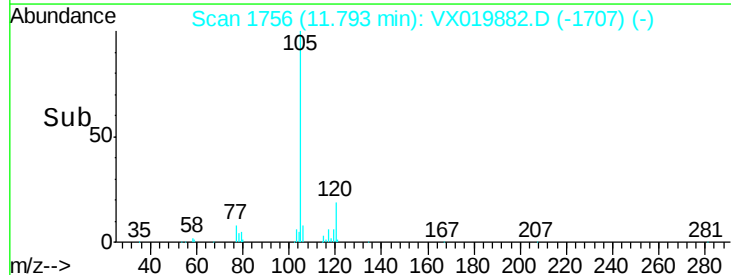
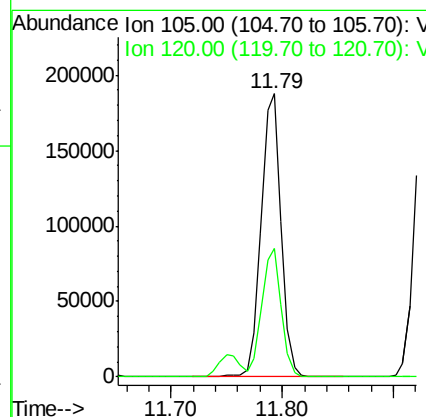
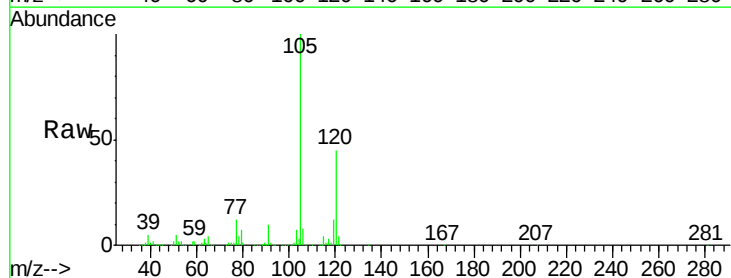
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

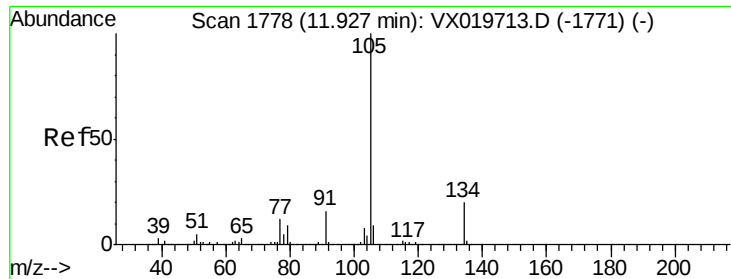
Tgt Ion:119 Resp: 219719
 Ion Ratio Lower Upper
 119 100
 91 58.4 27.9 83.7
 134 23.0 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.407 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion:105 Resp: 234462
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

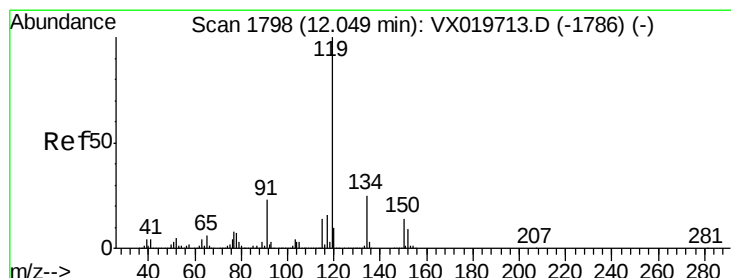
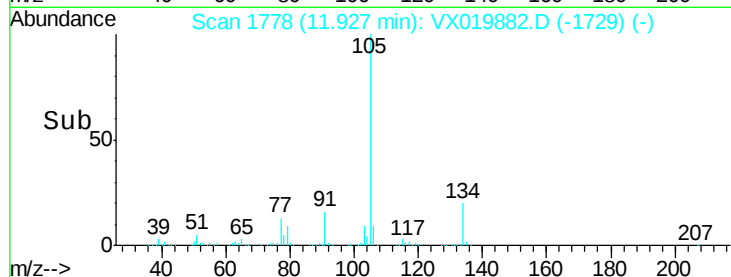
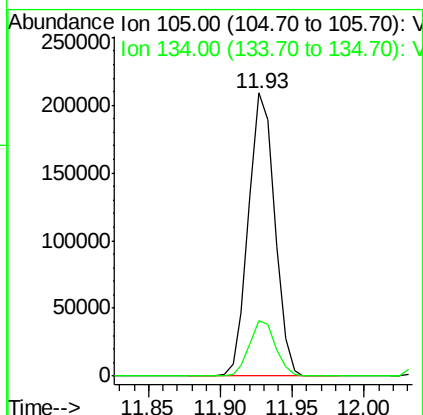
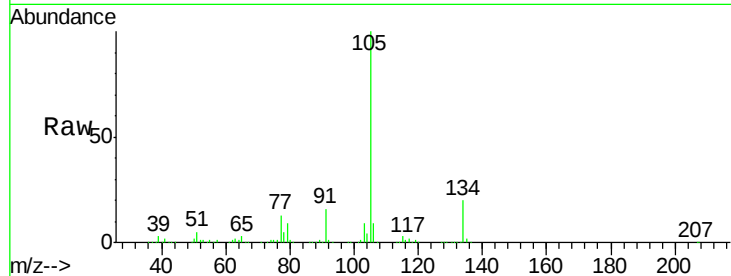




#85
 sec-Butylbenzene
 Concen: 19.578 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

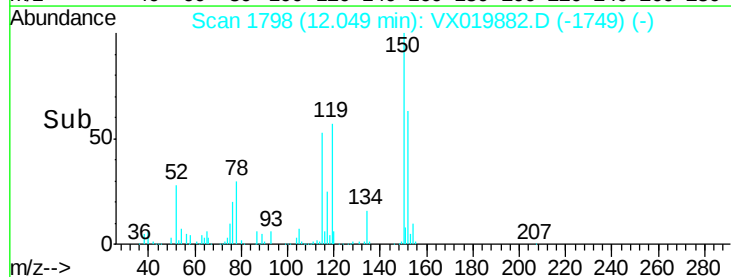
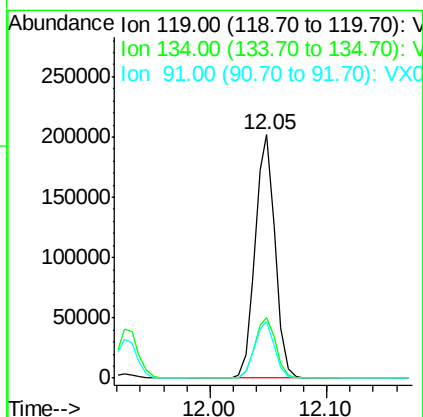
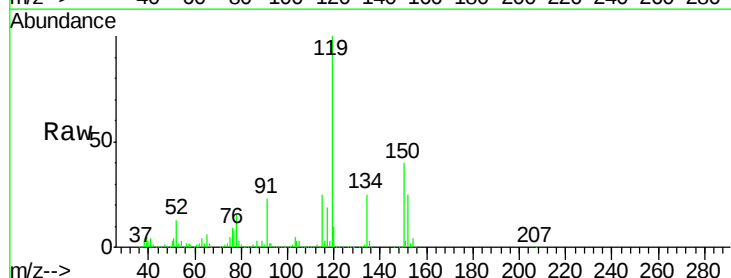
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

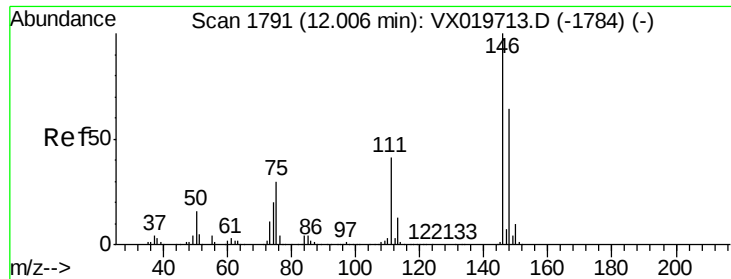
Tgt Ion:105 Resp: 262917
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.478 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion:119 Resp: 239737
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.185 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

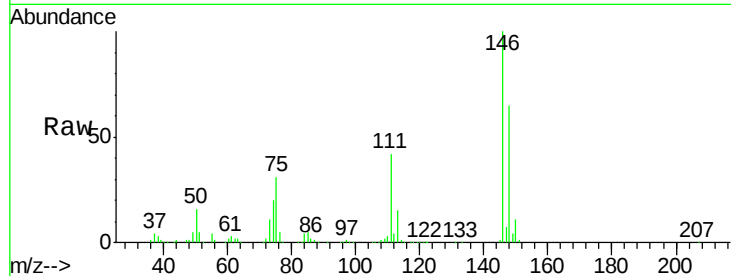
Tgt Ion:146 Resp: 121377

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.5

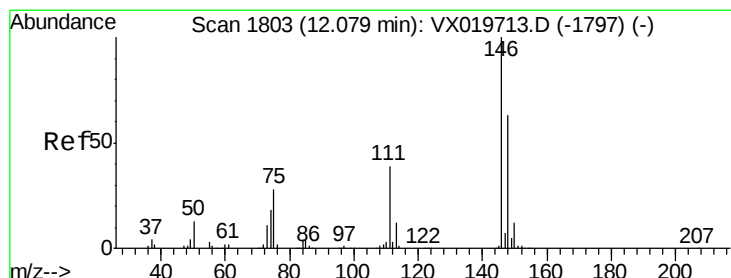
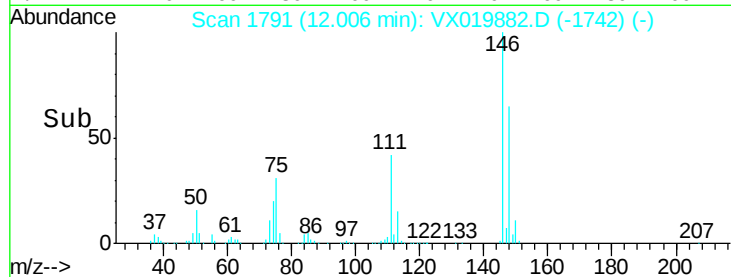
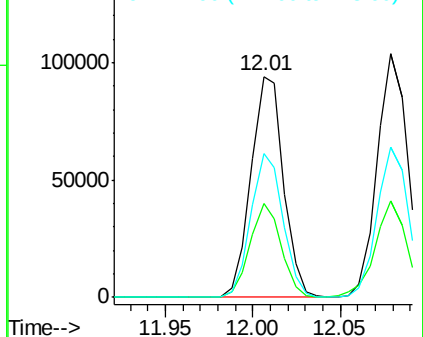
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.568 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

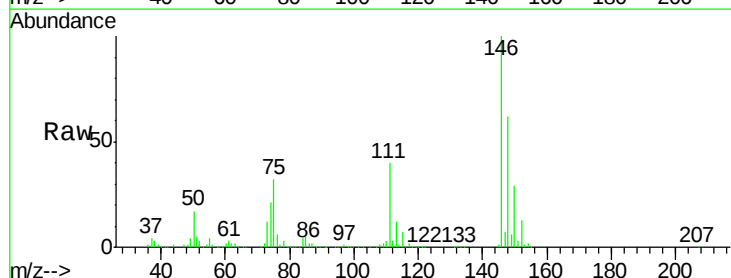
Tgt Ion:146 Resp: 126227

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.8

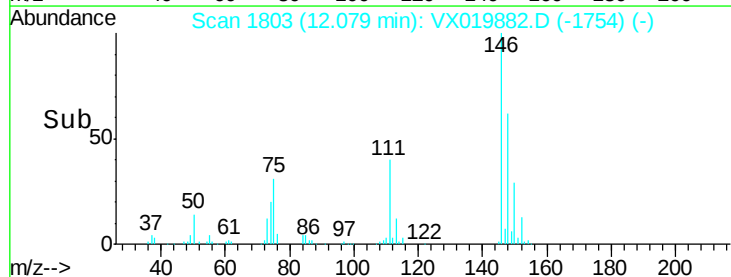
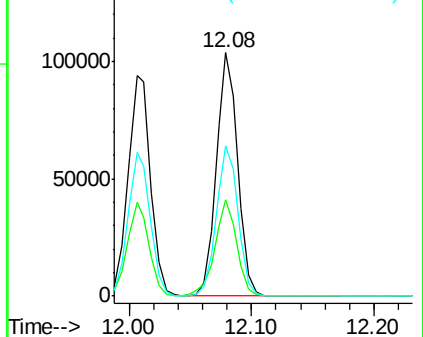
148 63.2 31.6 95.0

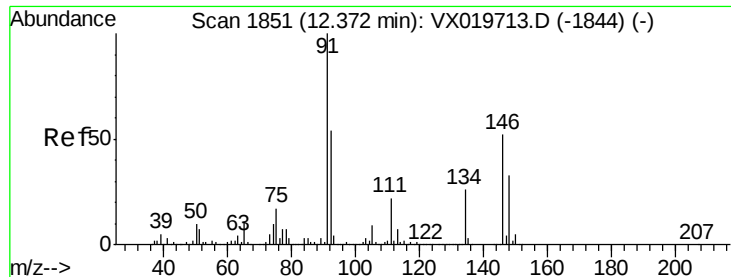


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

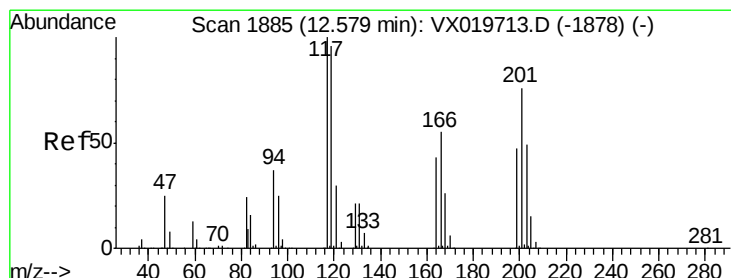
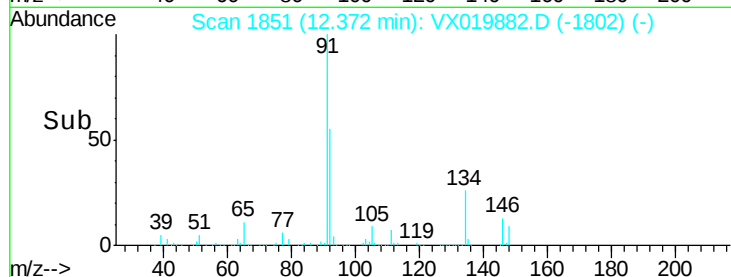
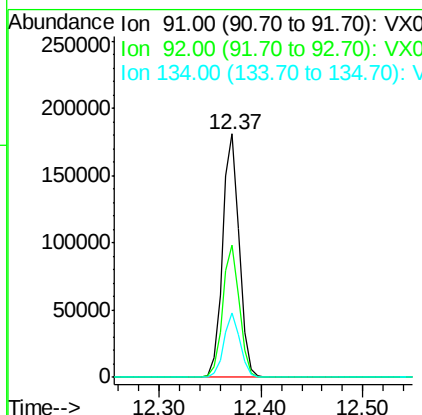
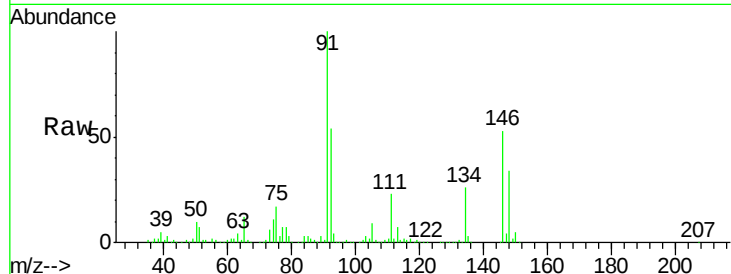




#89
n-Butylbenzene
Concen: 18.853 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

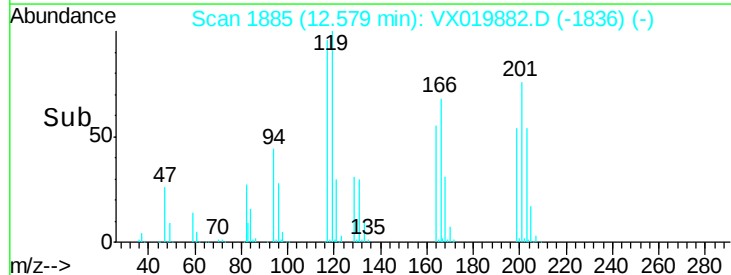
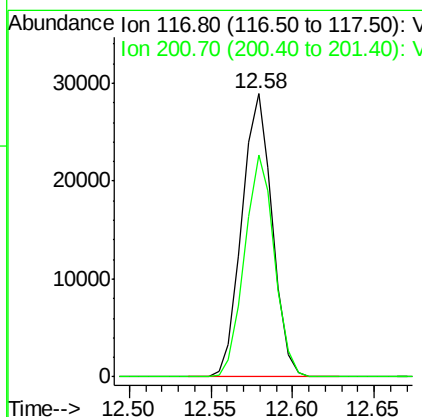
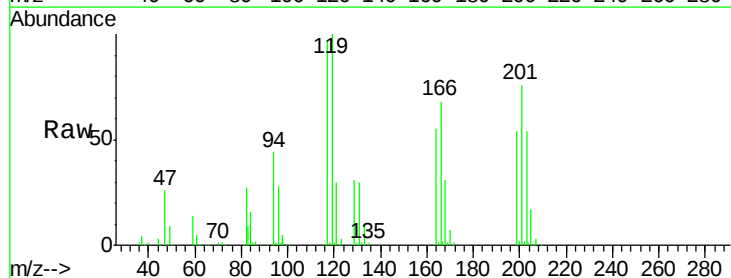
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

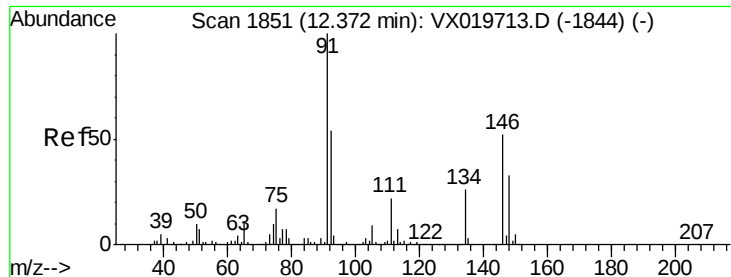
Tgt Ion: 91 Resp: 205582
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.4 13.2 39.5



#90
Hexachloroethane
Concen: 17.654 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion: 117 Resp: 37512
Ion Ratio Lower Upper
117 100
201 77.5 40.4 121.2

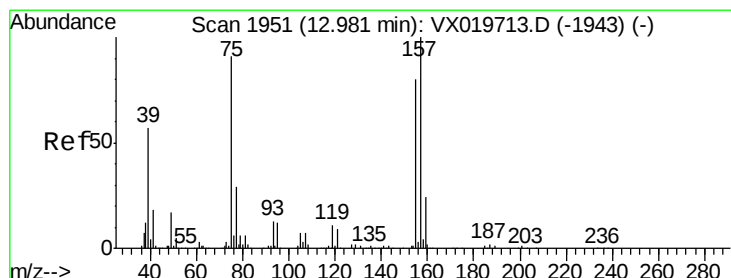
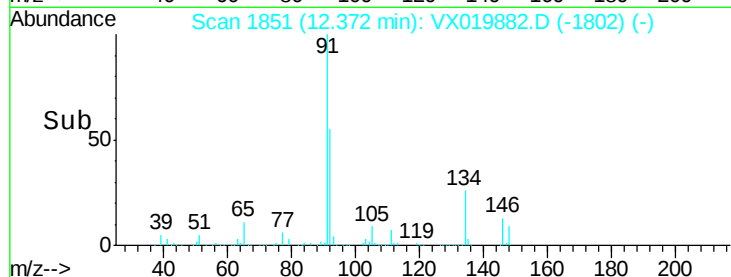
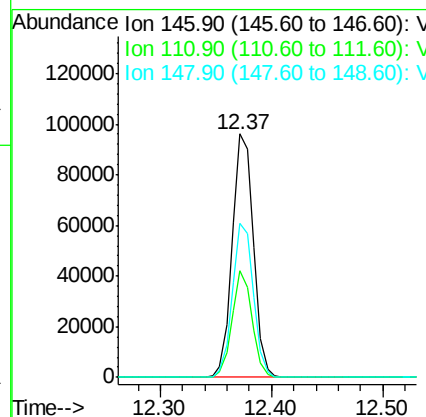
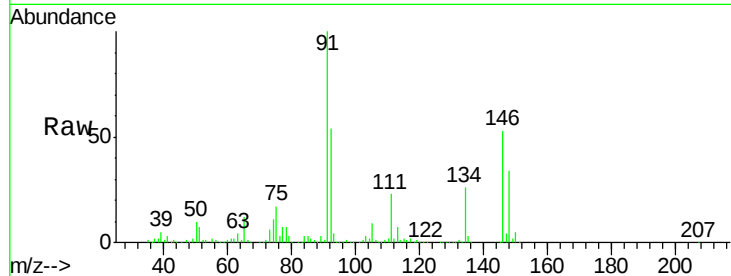




#91
 1,2-Dichlorobenzene
 Concen: 19.421 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

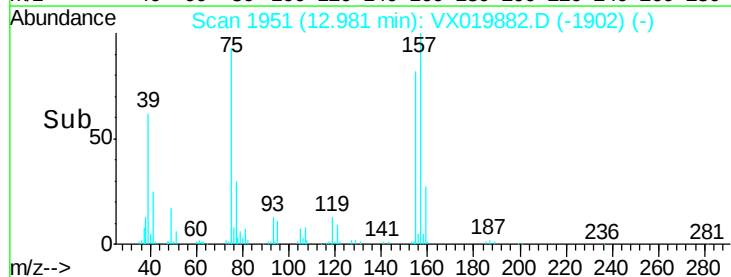
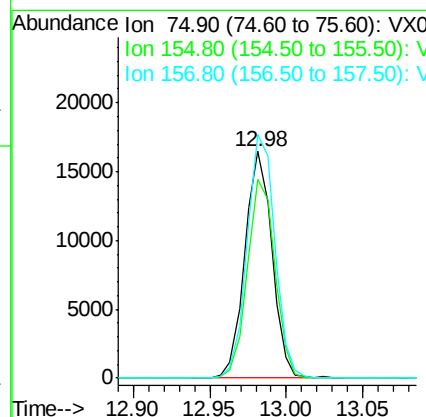
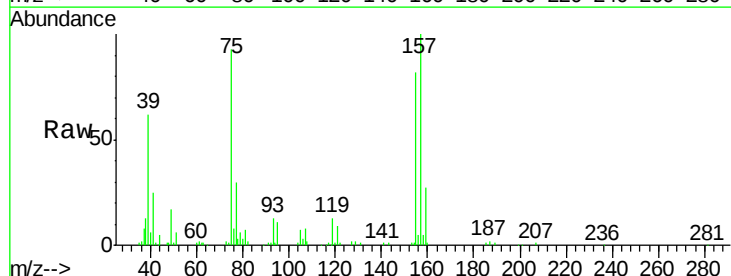
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD02

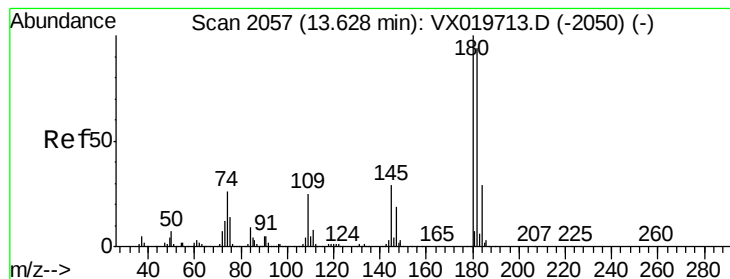
Tgt Ion: 146 Resp: 126362
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 62.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.862 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019882.D
 Acq: 11 Dec 2020 18:10

Tgt Ion: 75 Resp: 20315
 Ion Ratio Lower Upper
 75 100
 155 88.8 45.3 135.9
 157 109.6 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 19.172 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD02

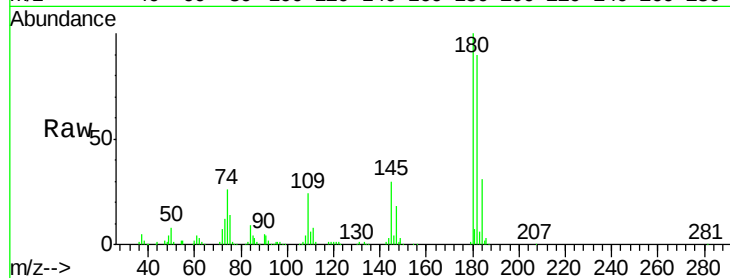
Tgt Ion:180 Resp: 81203

Ion Ratio Lower Upper

180 100

182 95.3 47.7 143.1

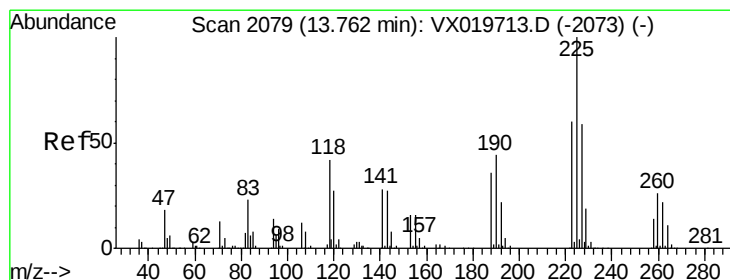
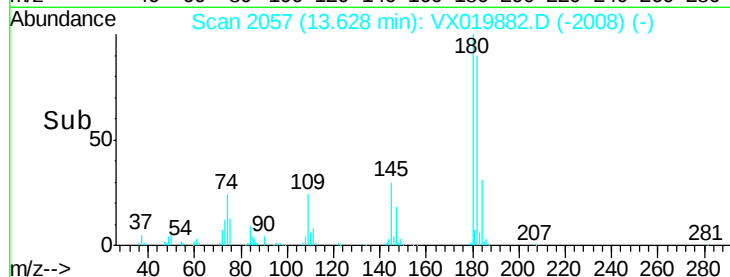
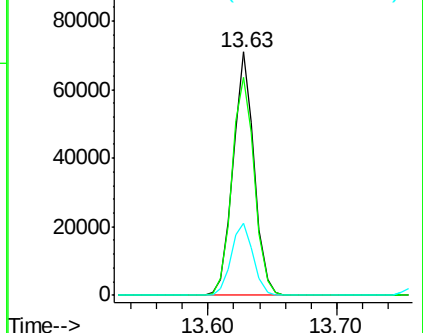
145 30.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.073 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX019882.D

Acq: 11 Dec 2020 18:10

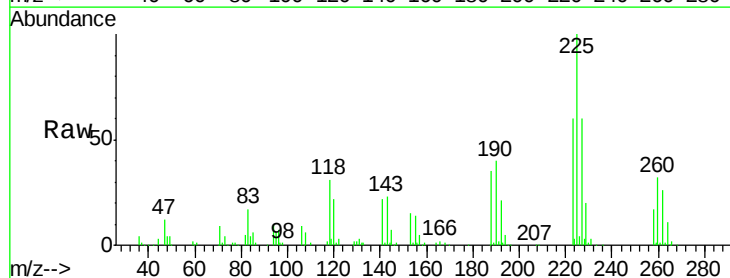
Tgt Ion:225 Resp: 37999

Ion Ratio Lower Upper

225 100

223 64.5 31.1 93.2

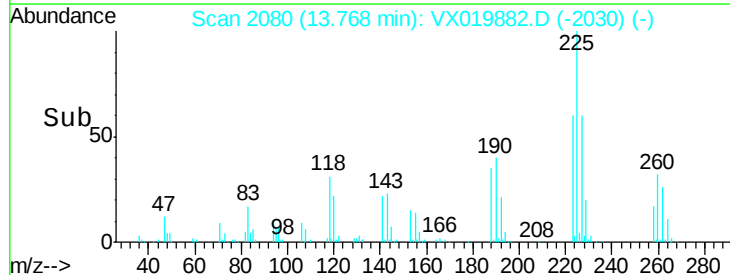
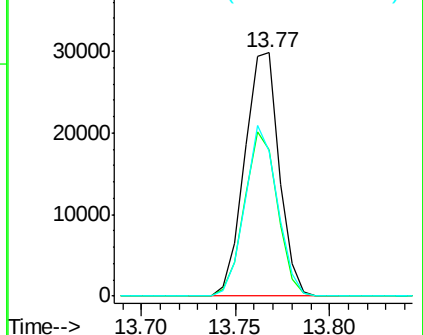
227 65.4 31.6 95.0

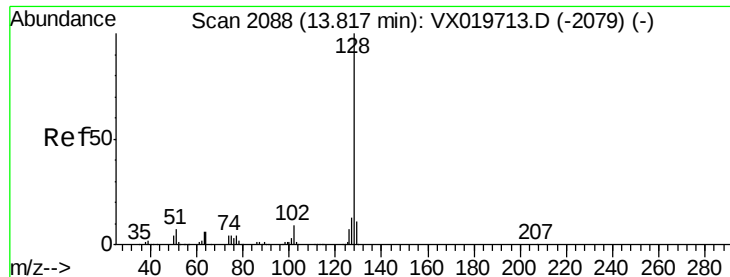


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

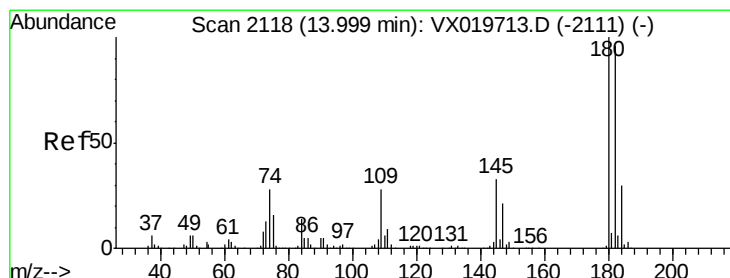
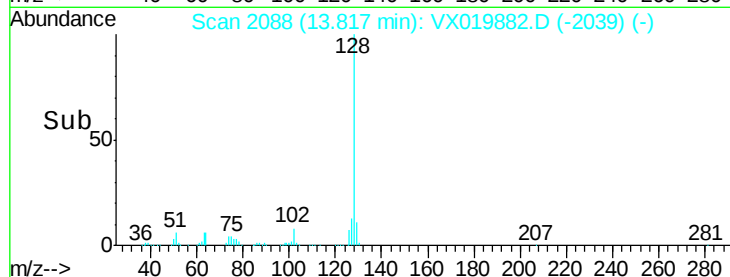
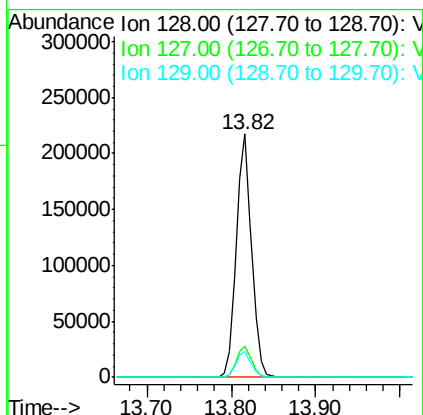
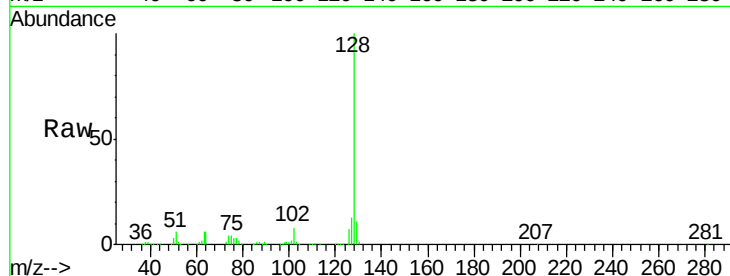




#95
Naphthalene
Concen: 19.233 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD02

Tgt Ion:128 Resp: 264092
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.895 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019882.D
Acq: 11 Dec 2020 18:10

Tgt Ion:180 Resp: 82353
Ion Ratio Lower Upper
180 100
182 92.3 47.6 142.9
145 32.2 16.1 48.3

