

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019078.D
 Acq On : 23 Oct 2020 14:42
 Operator : JC/SP
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Quant Time: Oct 26 04:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42301	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	230702	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	215709	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85678	30.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.37%
60) 4-Bromofluorobenzene	11.12	95	98424	30.40	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.33%
63) Toluene-d8	8.70	98	279547	29.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	39401	18.535	ug/l 100
3) Chloromethane	1.31	50	37925	19.744	ug/l 99
4) Vinyl Chloride	1.39	62	46839	18.606	ug/l 97
5) Bromomethane	1.64	94	43007	24.665	ug/l 97
6) Chloroethane	1.71	64	32006	18.761	ug/l 98
7) Trichlorofluoromethane	1.92	101	80192	18.294	ug/l 95
8) Diethyl Ether	2.17	74	31790	19.347	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39195	18.713	ug/l 99
10) 1,1-Dichloroethene	2.36	96	39866	18.722	ug/l 97
11) Methyl Iodide	2.49	142	33348	19.258	ug/l 97
12) Methyl Acetate	2.75	43	42247	20.041	ug/l 99
13) Acrolein	2.28	56	18399	94.792	ug/l 99
14) Acrylonitrile	3.11	53	98389	99.349	ug/l 99
15) Acetone	2.42	58	30612	107.904	ug/l 89
16) Carbon Disulfide	2.55	76	107157	18.105	ug/l 100
17) Allyl chloride	2.70	41	51241	19.264	ug/l 95
18) Methylene Chloride	2.83	84	47430	19.531	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	45285	18.209	ug/l 98
20) Diisopropyl ether	3.82	45	102305	18.986	ug/l 93
21) 1,1-Dichloroethane	3.67	63	73842	18.665	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	53485	18.566	ug/l 100
23) tert-Butyl Alcohol	3.01	59	50312	104.790	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	128649	19.106	ug/l 98
25) Chloroform	5.17	83	83018	18.939	ug/l 98
26) Cyclohexane	5.54	56	56294	18.311	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	60431	18.568	ug/l 100
30) 2-Butanone	4.63	43	137665	106.176	ug/l 99
31) 2,2-Dichloropropane	4.54	77	68519	18.400	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	72493	18.532	ug/l 98
33) Carbon Tetrachloride	5.75	117	61498	18.116	ug/l 96
34) Benzene	6.11	78	182142	19.020	ug/l 97
35) Methacrylonitrile	4.99	41	27234	19.403	ug/l 96
36) 1,2-Dichloroethane	6.15	62	64054	19.499	ug/l 99
37) Trichloroethene	7.18	130	52001	18.892	ug/l 94
38) Methylcyclohexane	7.44	83	68807	18.861	ug/l 99
39) 1,2-Dichloropropane	7.49	63	43435	19.540	ug/l 99
40) Dibromomethane	7.63	93	33481	19.408	ug/l 99

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 Data File : VX019078.D
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 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

Quant Time: Oct 26 04:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	65902	19.322	ug/l	99
42) Vinyl Acetate	3.78	43	496256	98.368	ug/l	99
43) Ethyl Acetate	4.79	43	53606	19.708	ug/l	98
44) Isopropyl Acetate	6.41	43	89649	19.683	ug/l	100
45) 1,4-Dioxane	7.72	88	19258	402.263	ug/l	99
46) Methyl methacrylate	7.74	41	42873	19.888	ug/l	96
47) n-amyl Acetate	10.88	43	75936	20.785	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	73461	19.239	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	75862	18.671	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	49327	19.741	ug/l	98
51) Ethyl methacrylate	9.16	69	71830	19.701	ug/l	98
52) 1,3-Dichloropropane	9.35	76	81068	19.915	ug/l	98
53) Dibromochloromethane	9.56	129	52751	18.964	ug/l	97
54) 1,2-Dibromoethane	9.65	107	53372	19.657	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	190233	97.631	ug/l	99
56) Bromoform	10.84	173	36388	18.712	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	275464	101.264	ug/l	100
59) 2-Hexanone	9.47	43	209884	103.540	ug/l	100
61) Tetrachloroethene	9.32	164	46790	18.284	ug/l	95
62) Toluene	8.76	91	208205	18.365	ug/l	100
64) Chlorobenzene	10.12	112	133512	18.945	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	47961	18.712	ug/l	98
66) Ethyl Benzene	10.23	91	232108	18.674	ug/l	99
67) m/p-Xylenes	10.34	106	178650	37.689	ug/l	99
68) o-Xylene	10.68	106	84208	18.627	ug/l	98
69) Styrene	10.70	104	144118	18.921	ug/l	99
70) Isopropylbenzene	11.00	105	227780	18.739	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	69463	19.794	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	83186	26.360	ug/l	85
73) Bromobenzene	11.24	156	56491	19.016	ug/l	100
74) n-propylbenzene	11.34	91	265416	19.284	ug/l	100
75) 2-Chlorotoluene	11.40	91	152276	19.559	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	188844	19.145	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	23257	18.557	ug/l	90
78) 4-Chlorotoluene	11.49	91	177353	19.385	ug/l	100
79) tert-butylbenzene	11.75	119	185780	19.127	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	185092	18.877	ug/l	99
81) sec-Butylbenzene	11.93	105	224690	19.550	ug/l	99
82) p-Isopropyltoluene	12.05	119	204635	19.319	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	100263	18.883	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	101730	18.870	ug/l	100
85) n-Butylbenzene	12.37	91	181324	19.119	ug/l	98
86) Hexachloroethane	12.58	117	29654	18.227	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	97145	19.111	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	14936	18.805	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	67408	18.427	ug/l	98
90) Hexachlorobutadiene	13.76	225	28946	18.663	ug/l	95
91) Naphthalene	13.82	128	219281	18.312	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	66254	18.828	ug/l	95

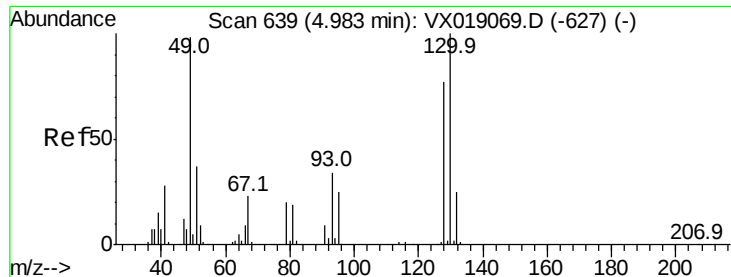
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019078.D
Acq On : 23 Oct 2020 14:42
Operator : JC/SP
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 26 04:15:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

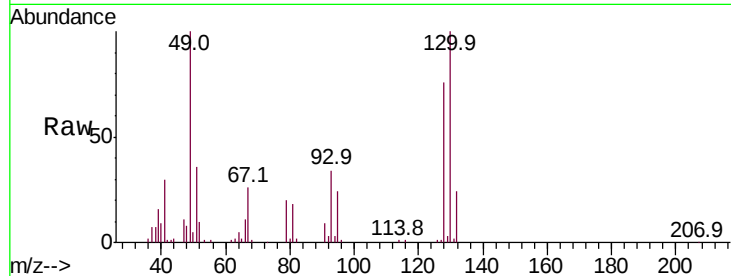
Tot Ion:128 Resp: 42301

Ion Ratio Lower Upper

128 100

49 128.3 0.0 318.8

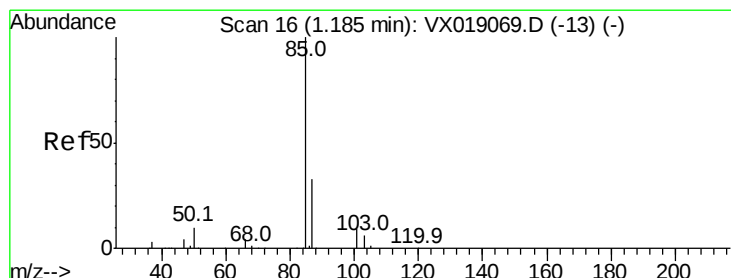
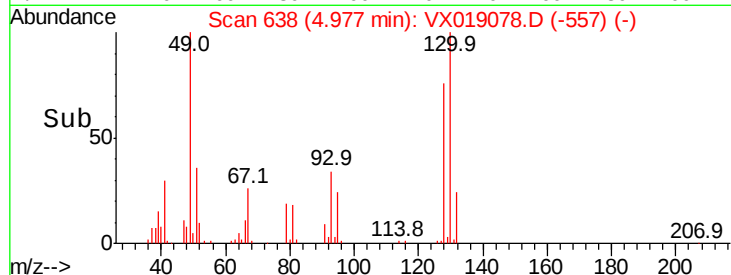
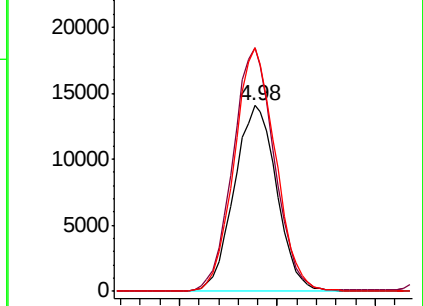
130 127.6 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.535 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019078.D

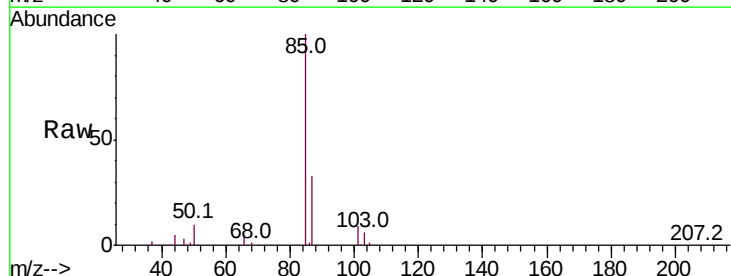
Acq: 23 Oct 2020 14:42

Tgt Ion: 85 Resp: 39401

Ion Ratio Lower Upper

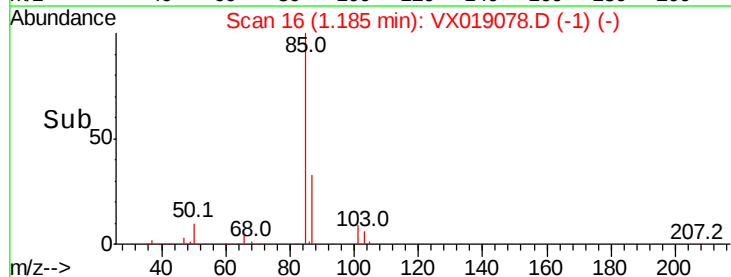
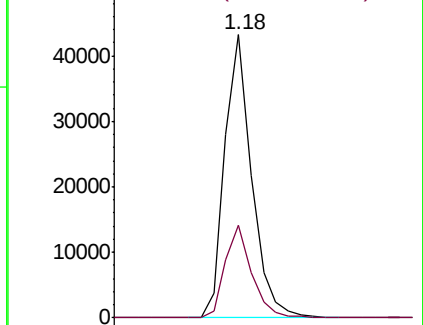
85 100

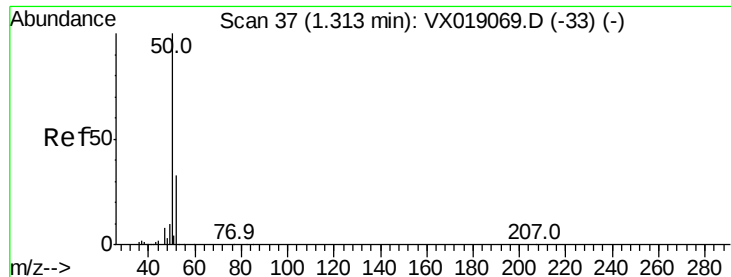
87 32.8 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.744 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

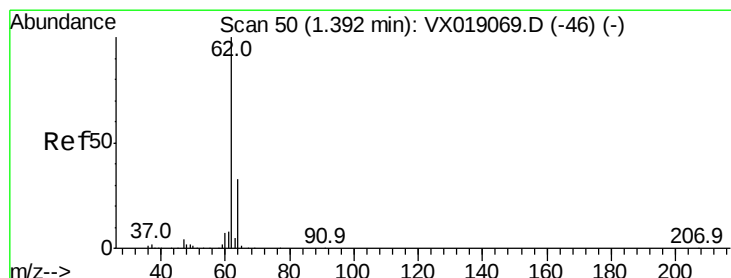
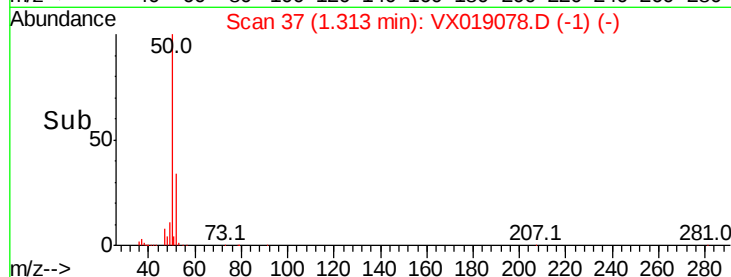
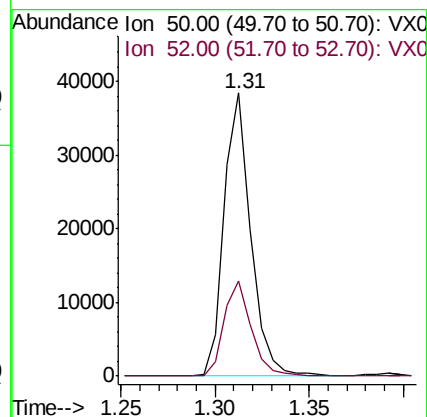
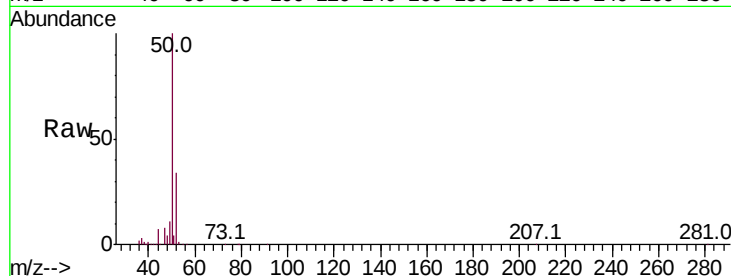
VX1023WBSD01

Tot Ion: 50 Resp: 37925

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 18.606 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019078.D

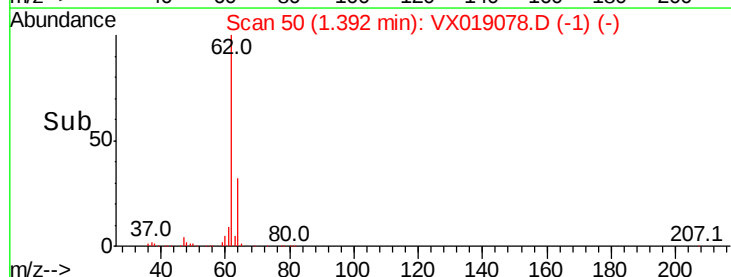
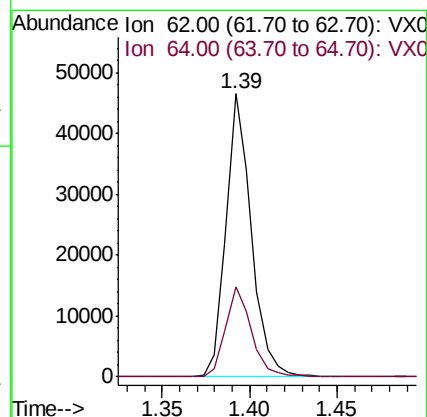
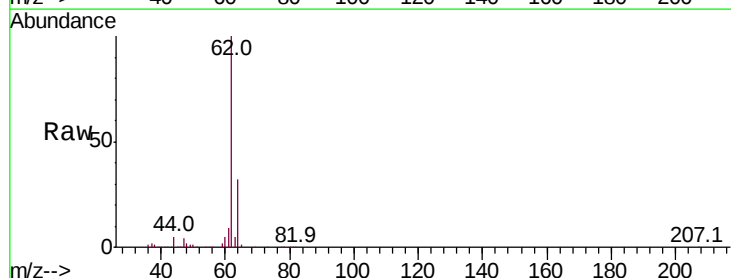
Acq: 23 Oct 2020 14:42

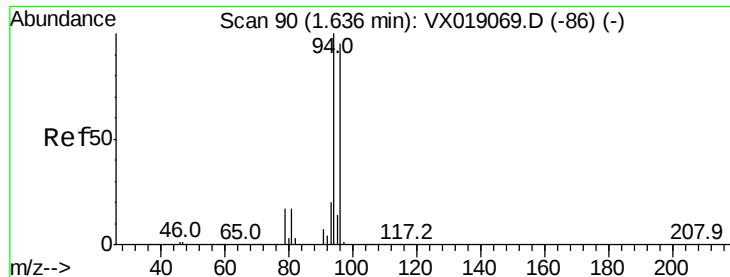
Tgt Ion: 62 Resp: 46839

Ion Ratio Lower Upper

62 100

64 31.7 26.7 40.1





#5

Bromomethane

Concen: 24.665 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

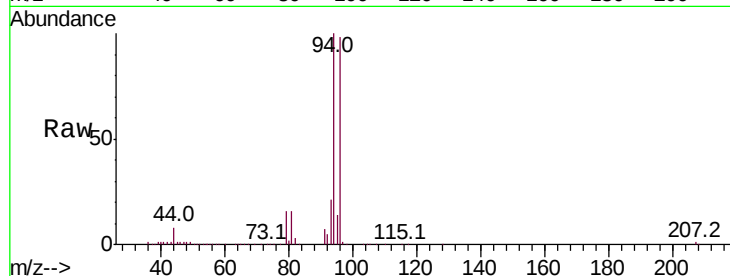
VX1023WBSD01

Tot Ion: 94 Resp: 43007

Ion Ratio Lower Upper

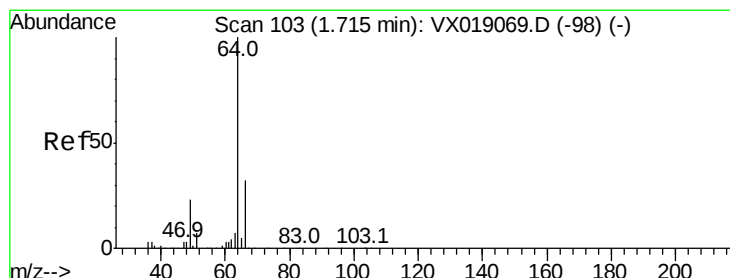
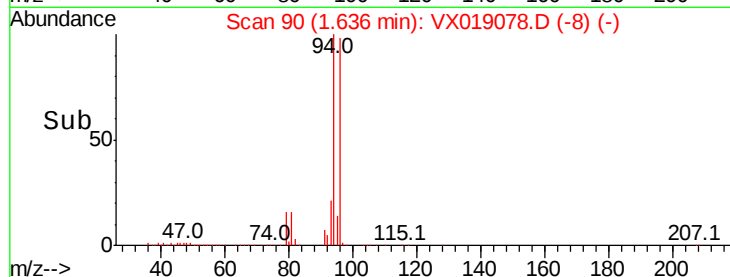
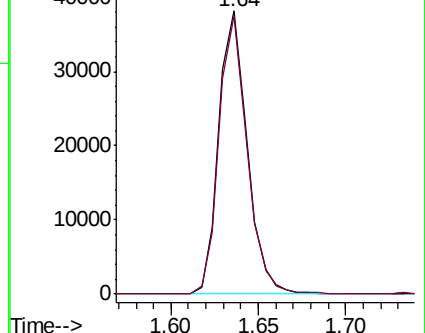
94 100

96 98.4 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.761 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX019078.D

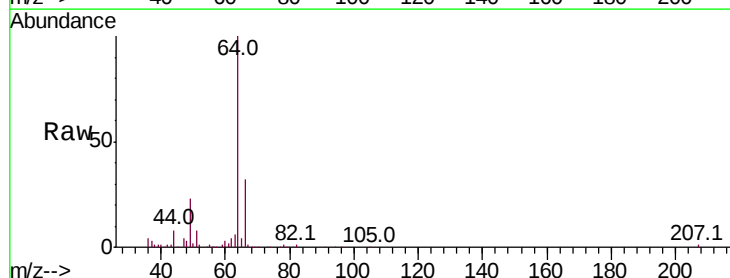
Acq: 23 Oct 2020 14:42

Tgt Ion: 64 Resp: 32006

Ion Ratio Lower Upper

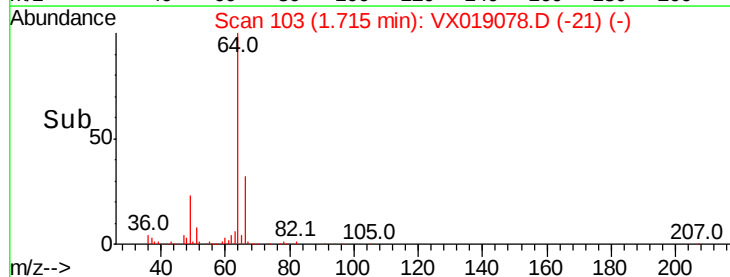
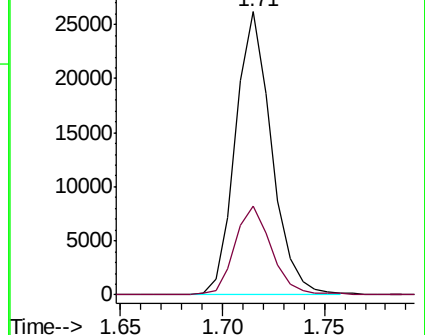
64 100

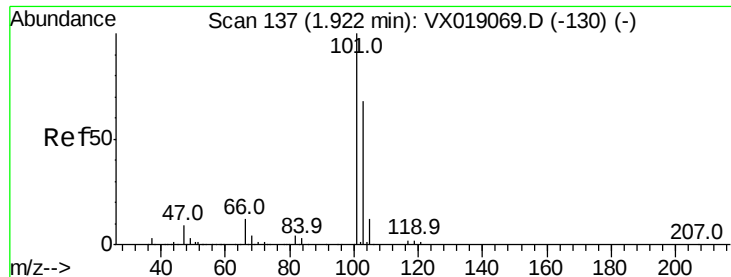
66 31.5 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



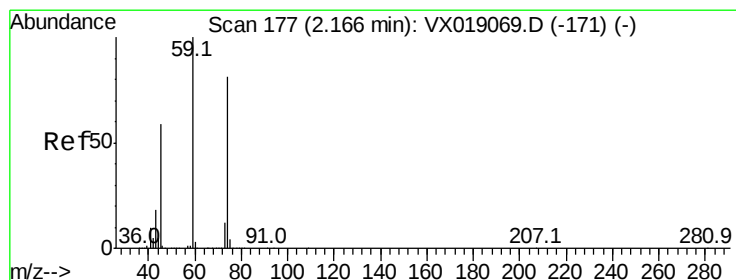
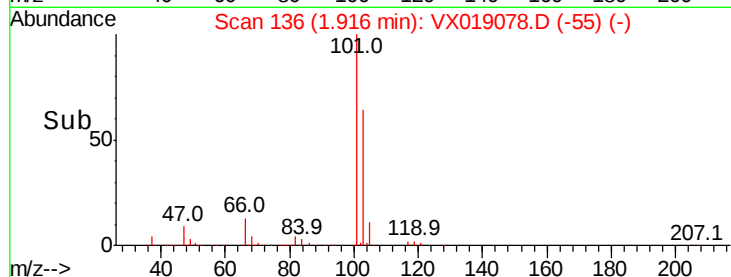
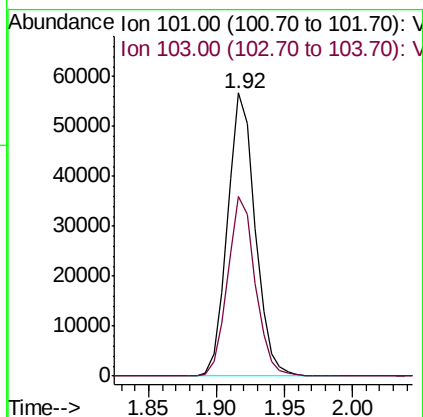
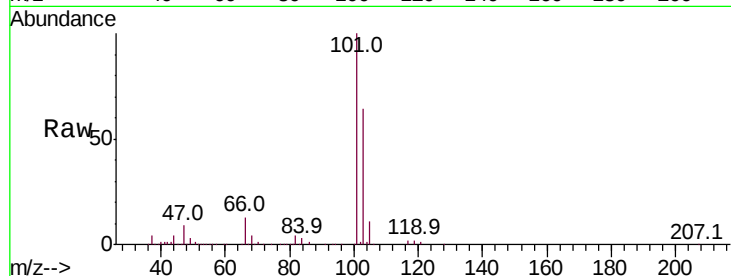


#7

Trichlorofluoromethane
Concen: 18.294 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

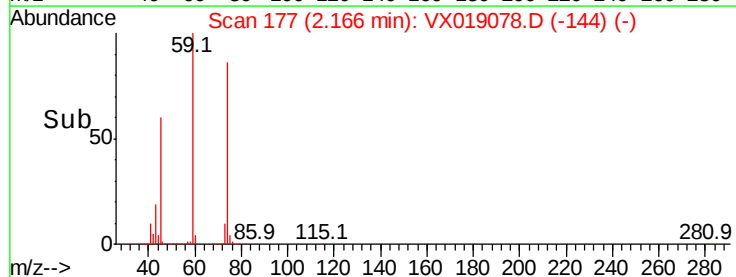
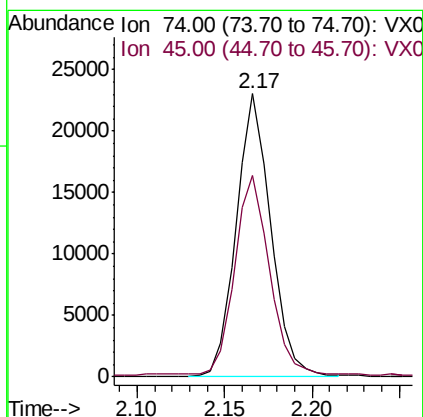
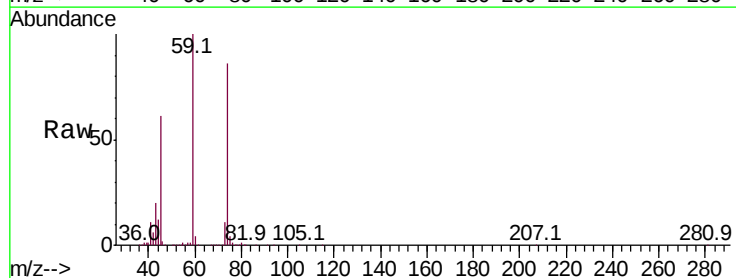
Tot Ion:101 Resp: 80192
Ion Ratio Lower Upper
101 100
103 63.7 54.2 81.4

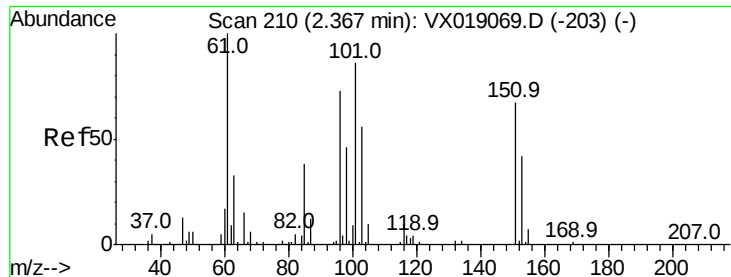


#8

Diethyl Ether
Concen: 19.347 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 74 Resp: 31790
Ion Ratio Lower Upper
74 100
45 69.6 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.713 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

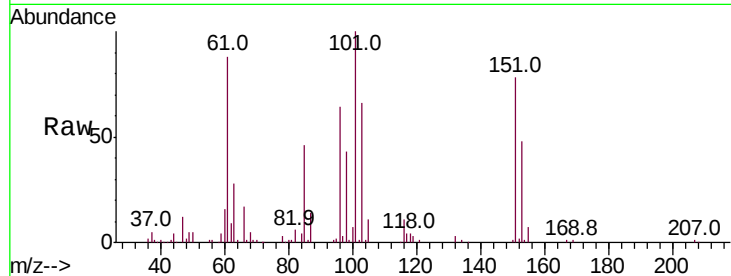
Tot Ion:101 Resp: 39195

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.0

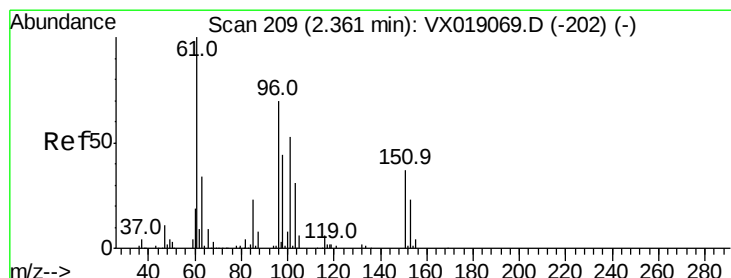
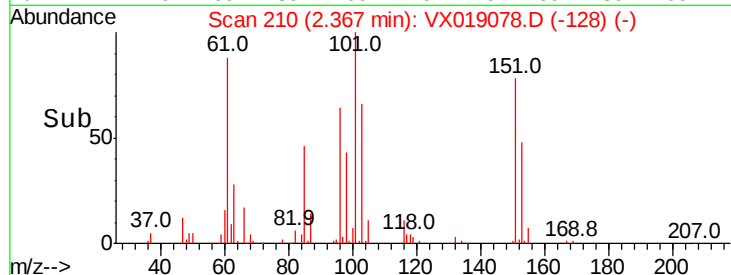
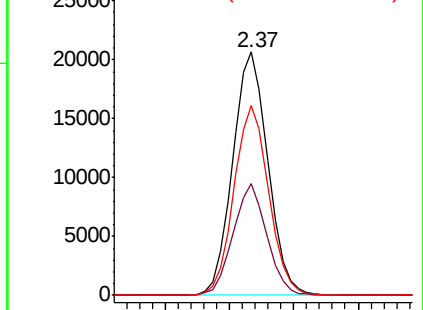
151 76.9 0.0 151.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.722 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

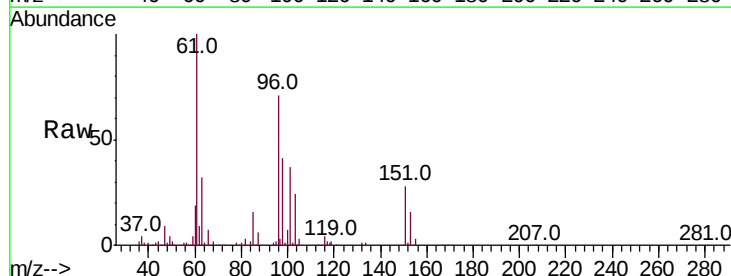
Tgt Ion: 96 Resp: 39866

Ion Ratio Lower Upper

96 100

61 140.6 113.8 170.8

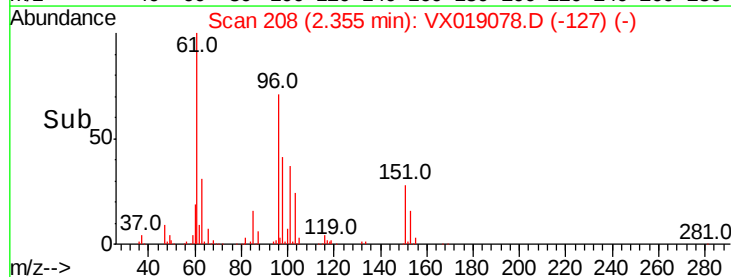
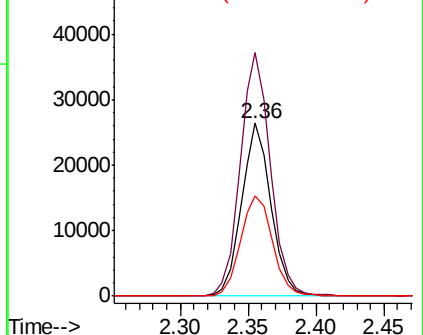
98 57.9 50.4 75.6

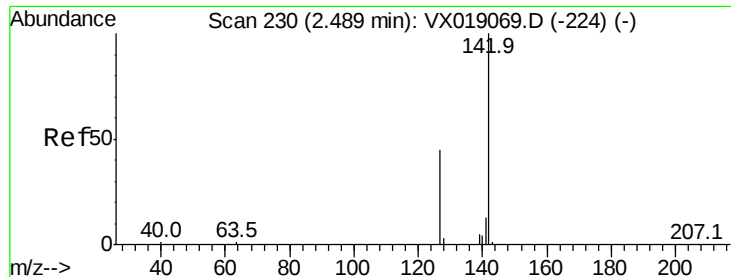


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

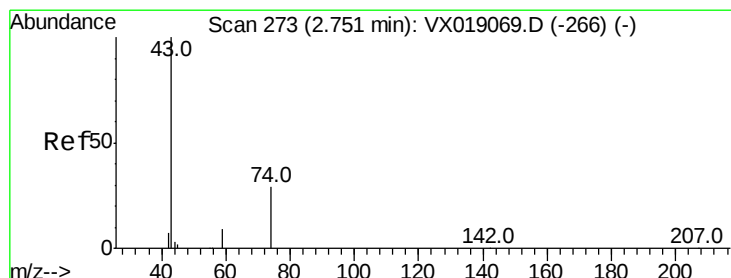
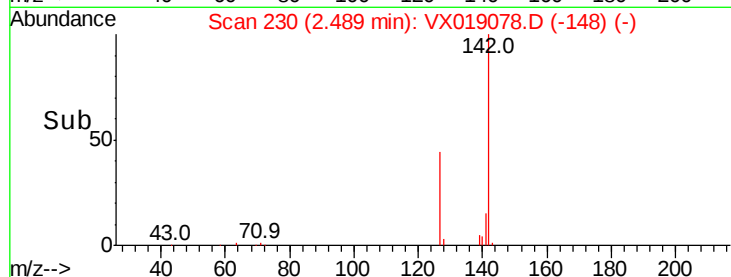
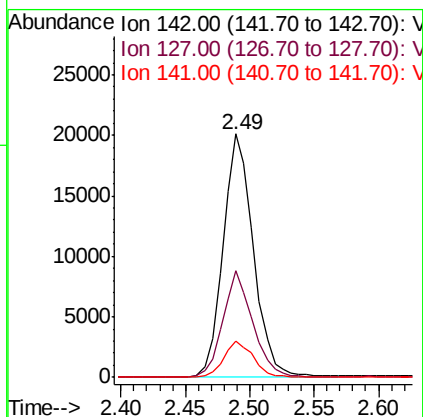
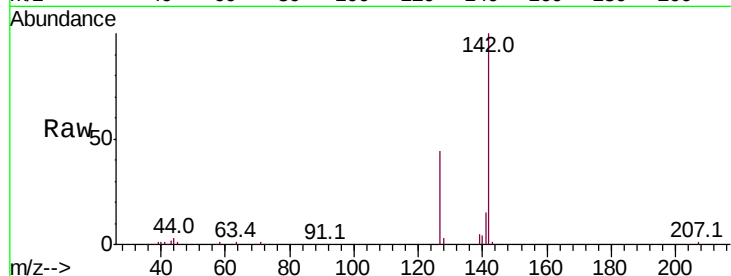




#11
Methvl Iodide
Concen: 19.258 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

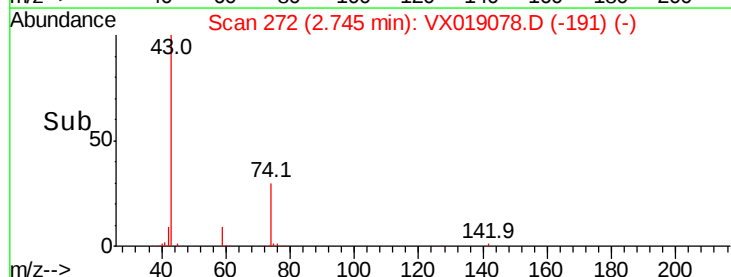
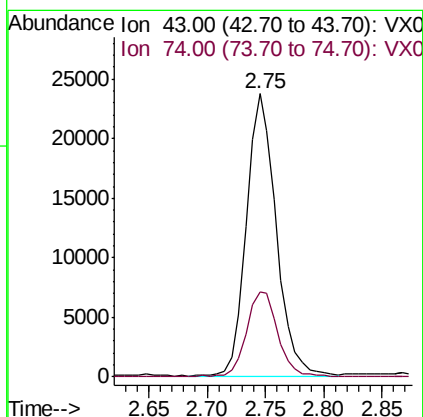
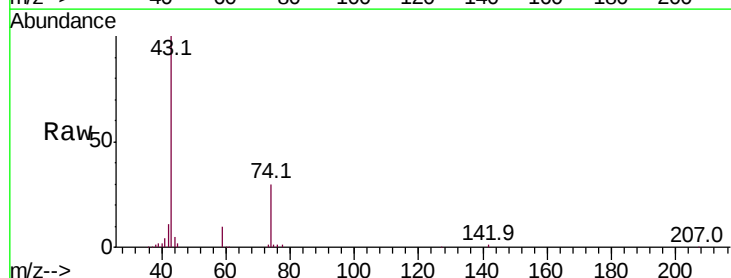
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

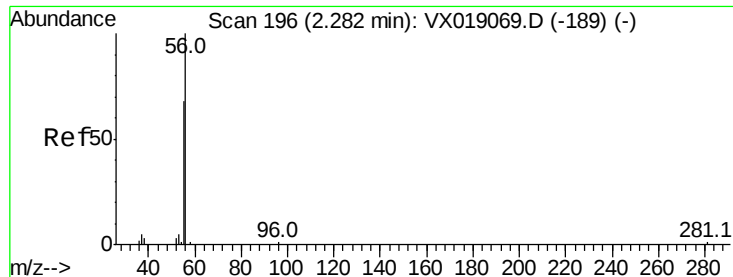
Tot Ion:142 Resp: 33348
Ion Ratio Lower Upper
142 100
127 43.7 22.6 67.7
141 14.8 6.3 19.1



#12
Methyl Acetate
Concen: 20.041 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 43 Resp: 42247
Ion Ratio Lower Upper
43 100
74 30.3 23.9 35.9





#13

Acrolein

Concen: 94.792 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

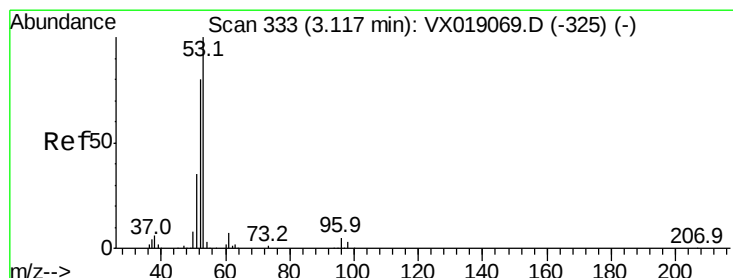
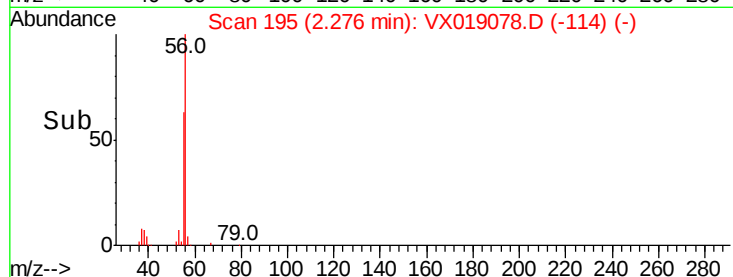
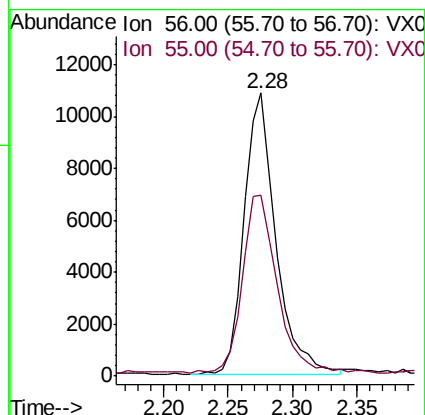
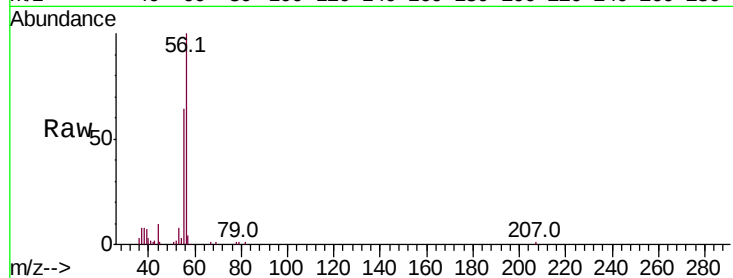
VX1023WBSD01

Tot Ion: 56 Resp: 18399

Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.2



#14

Acrylonitrile

Concen: 99.349 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

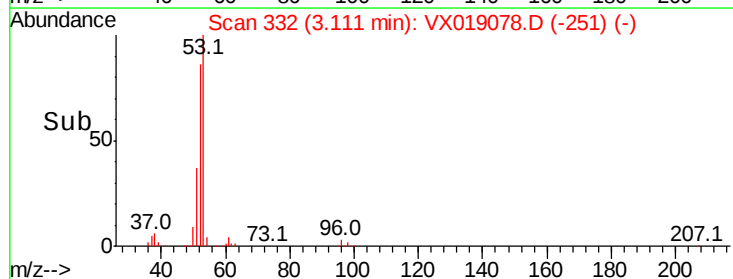
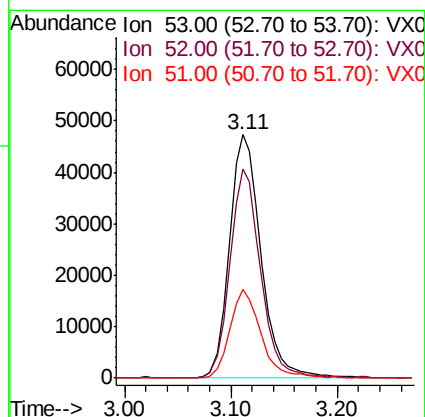
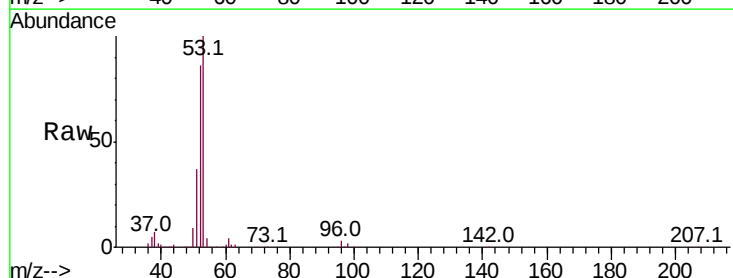
Tgt Ion: 53 Resp: 98389

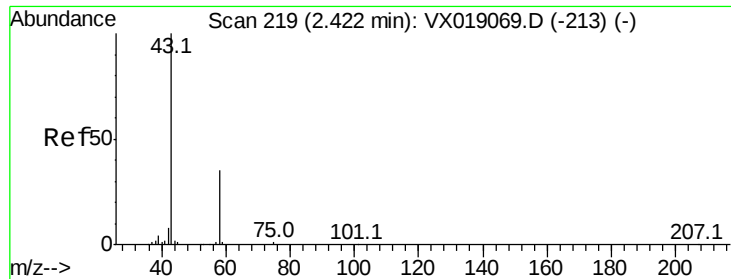
Ion Ratio Lower Upper

53 100

52 83.3 41.0 123.0

51 35.9 18.2 54.6





#15

Acetone

Concen: 107.904 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

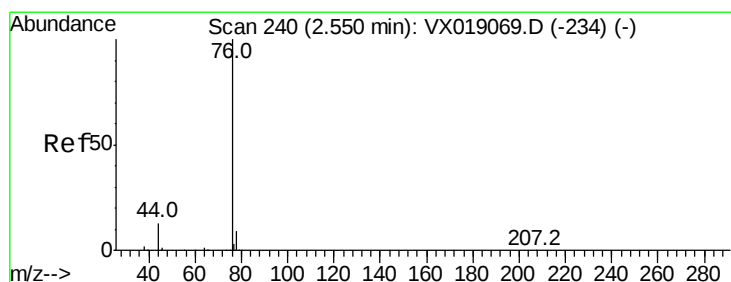
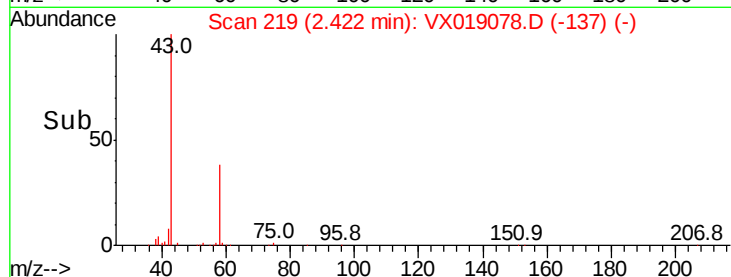
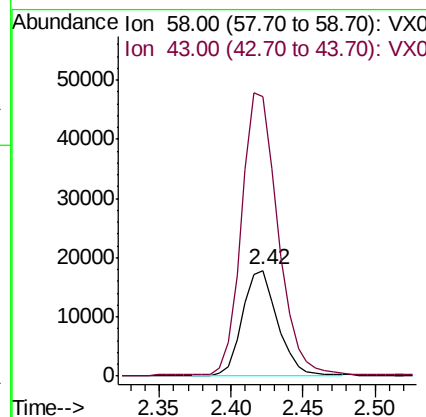
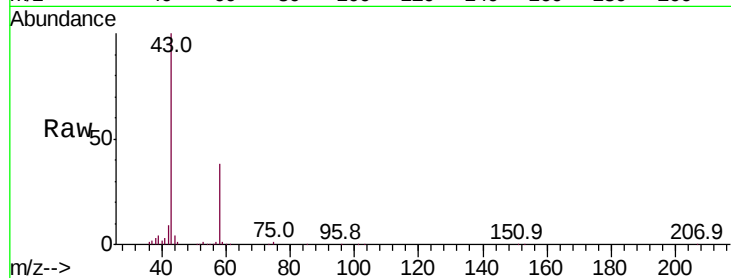
VX1023WBSD01

Tot Ion: 58 Resp: 30612

Ion Ratio Lower Upper

58 100

43 263.1 226.7 340.1



#16

Carbon Disulfide

Concen: 18.105 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019078.D

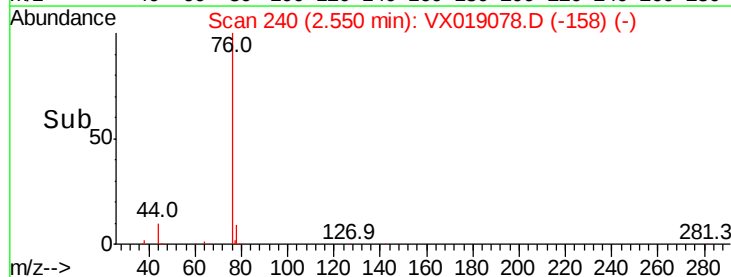
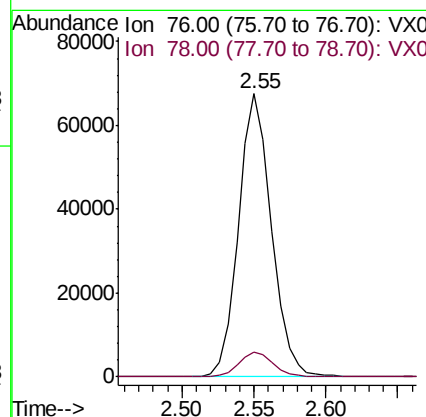
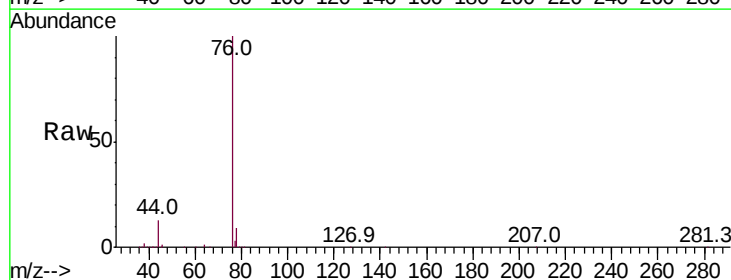
Acq: 23 Oct 2020 14:42

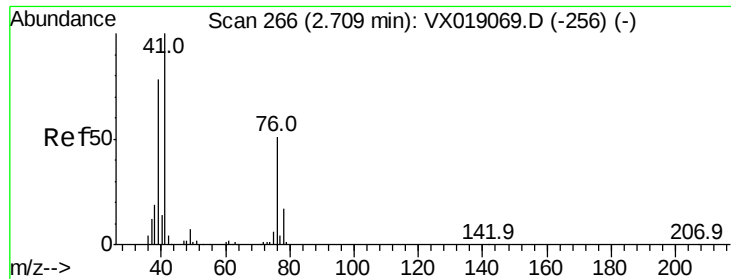
Tgt Ion: 76 Resp: 107157

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

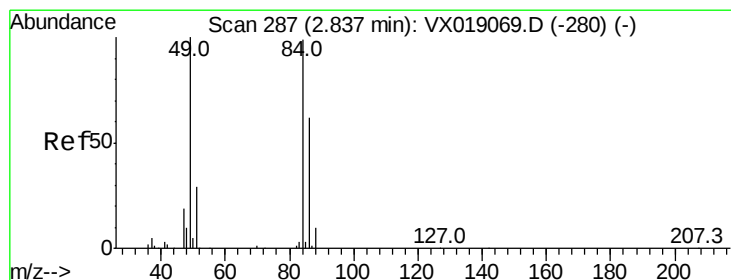
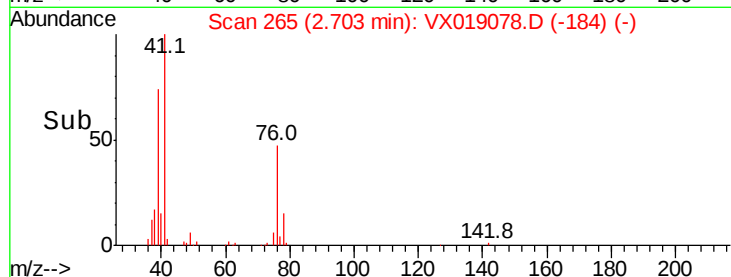
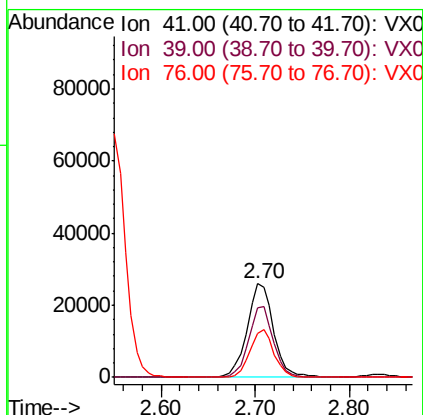
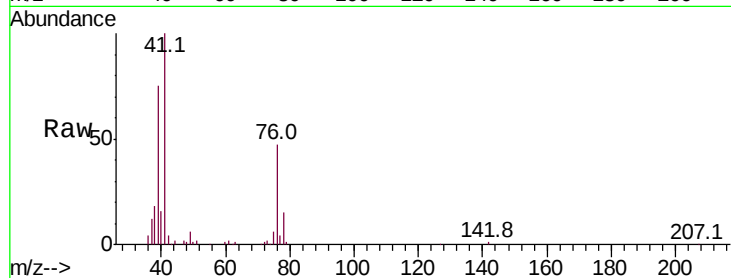




#17
Allvl chloride
Concen: 19.264 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

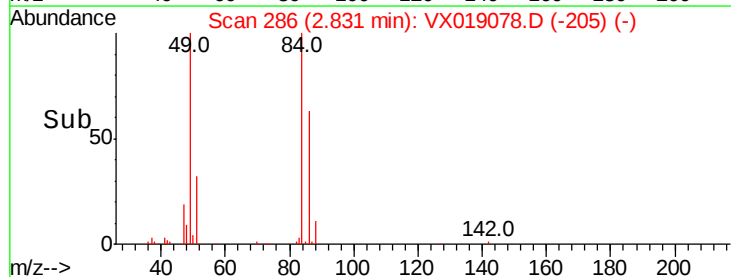
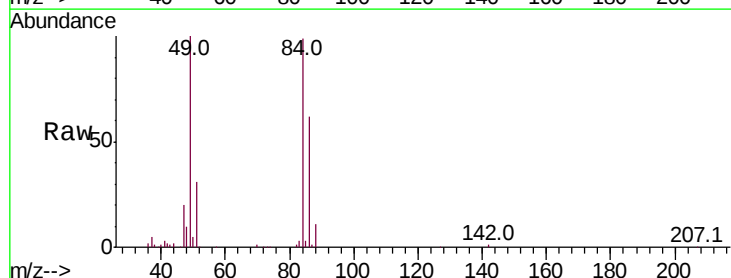
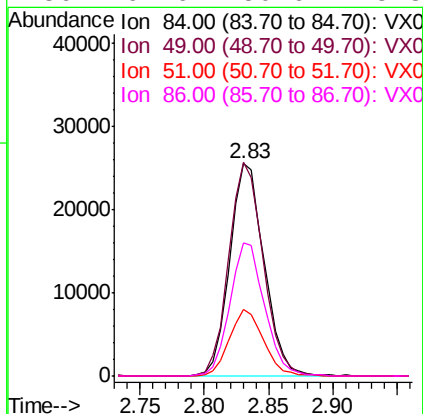
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

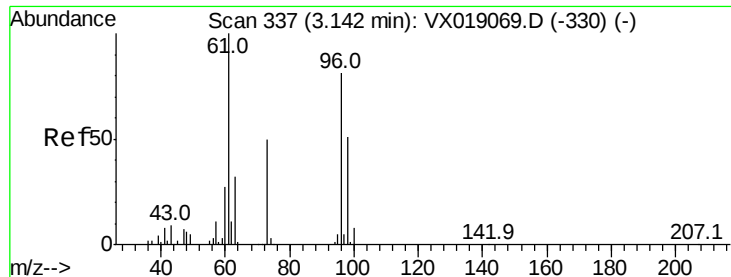
Tot Ion: 41 Resp: 51241
Ion Ratio Lower Upper
41 100
39 74.6 38.8 116.3
76 47.0 25.8 77.4



#18
Methylene Chloride
Concen: 19.531 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 84 Resp: 47430
Ion Ratio Lower Upper
84 100
49 100.7 80.9 121.3
51 31.7 23.8 35.6
86 62.6 50.6 75.8

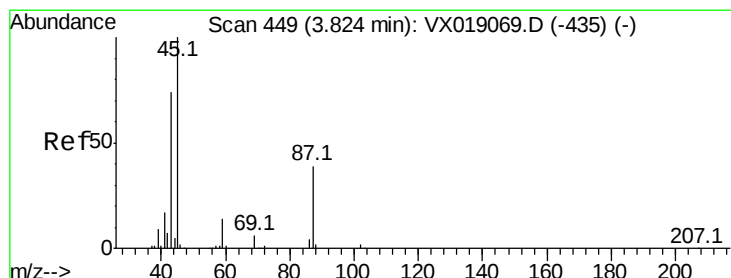
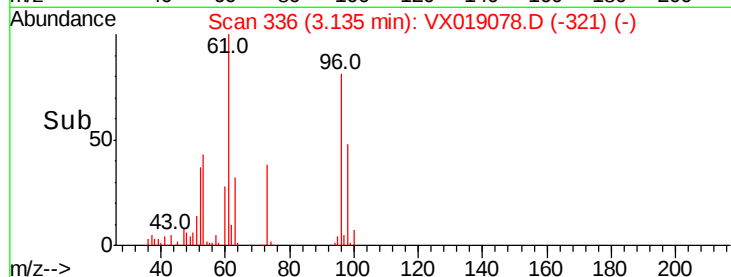
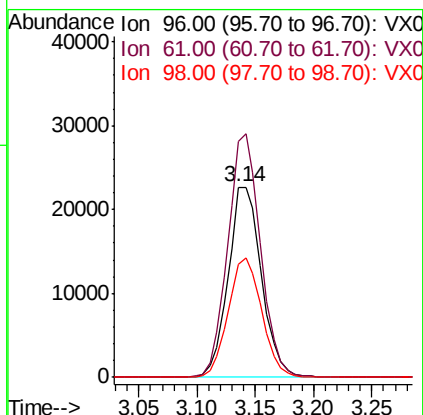
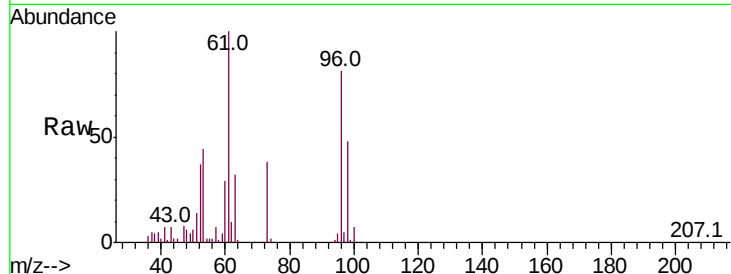




#19
trans-1,2-Dichloroethene
Concen: 18.209 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

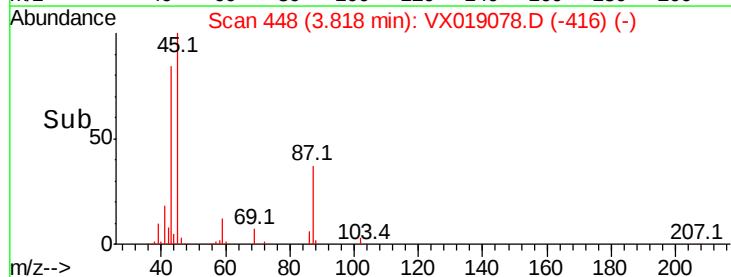
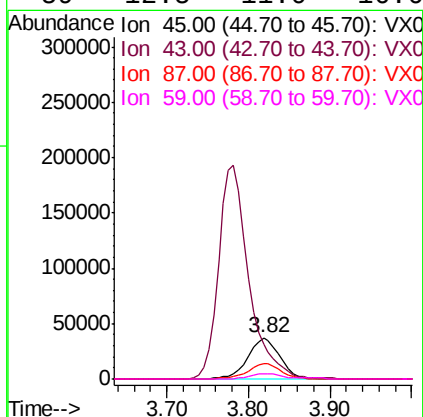
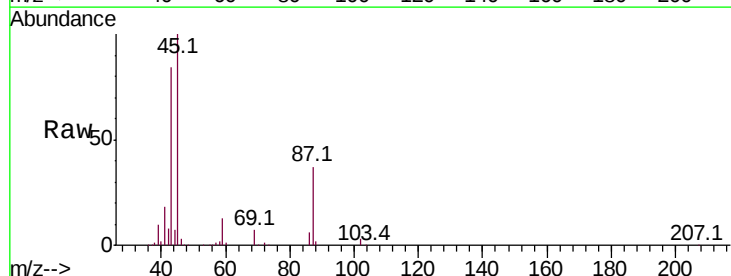
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

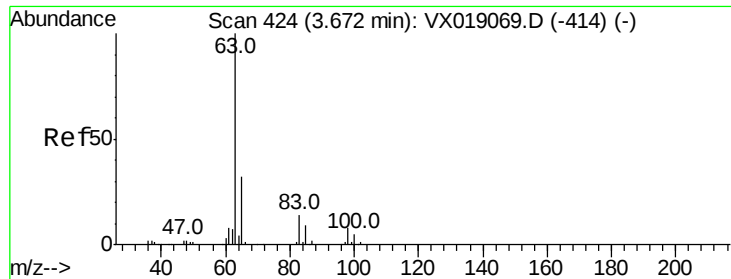
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.8	98.4	147.6
98	59.5	49.9	74.9



#20
Diisopropyl ether
Concen: 18.986 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	83.6	60.6	91.0
87	36.7	30.9	46.3
59	12.5	11.0	16.6





#21

1,1-Dichloroethane

Concen: 18.665 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

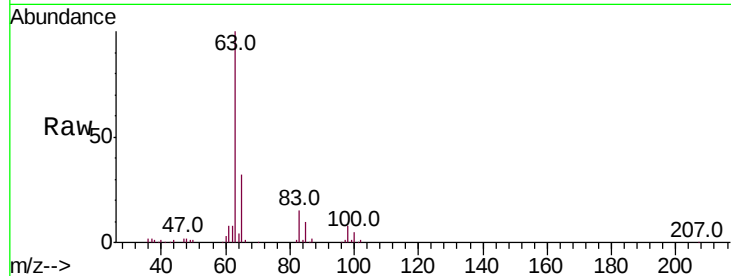
Tot Ion: 63 Resp: 73842

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

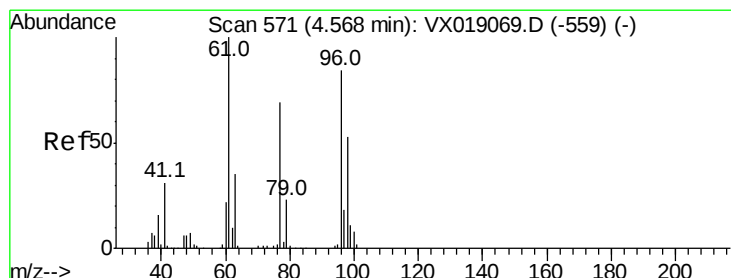
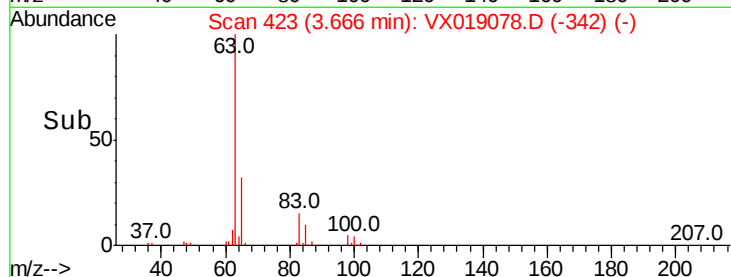
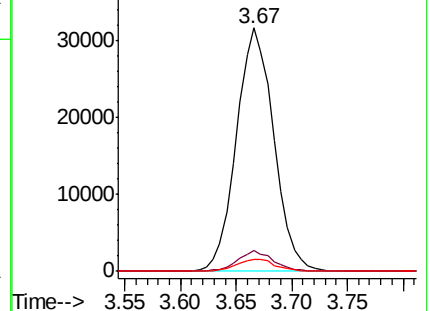
100 4.7 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.566 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

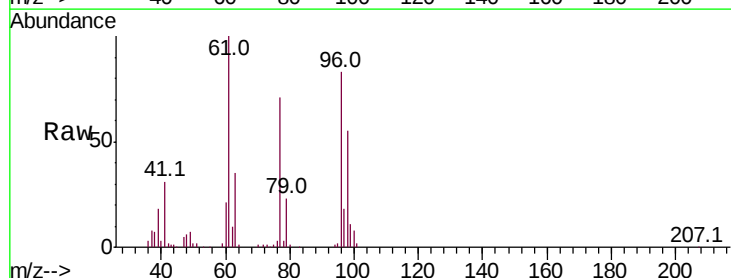
Tgt Ion: 96 Resp: 53485

Ion Ratio Lower Upper

96 100

61 127.6 101.9 152.9

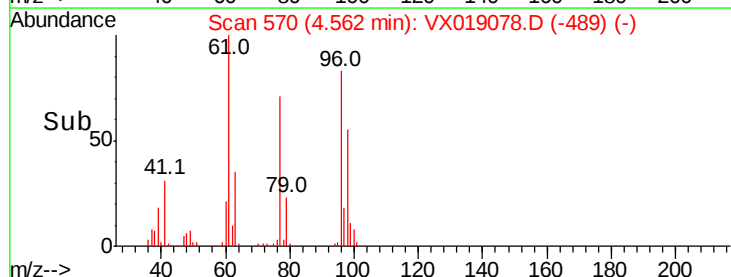
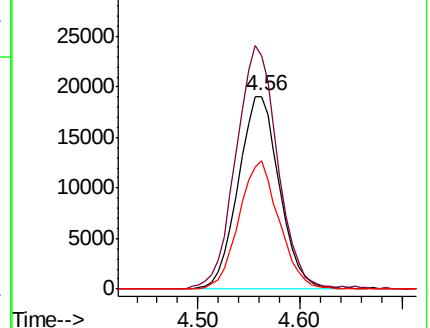
98 64.8 51.3 76.9

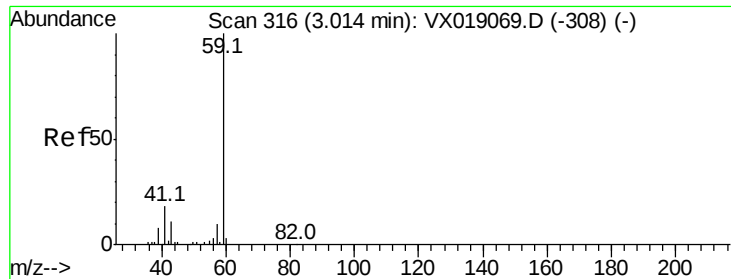


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 104.790 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

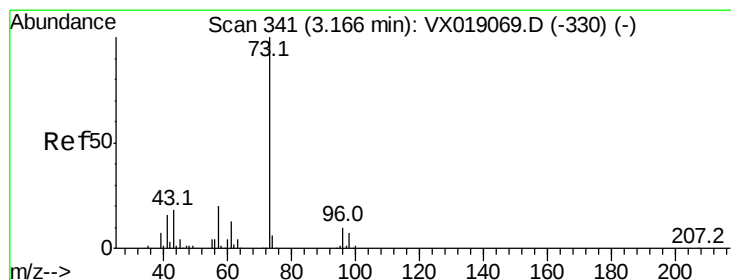
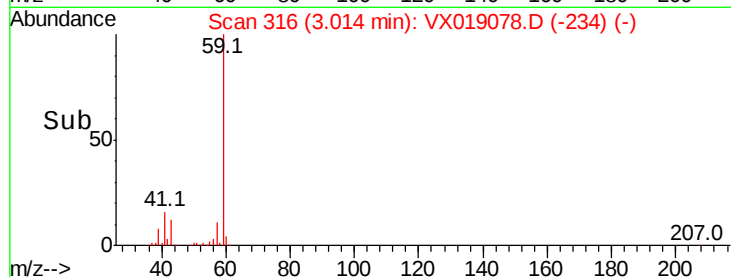
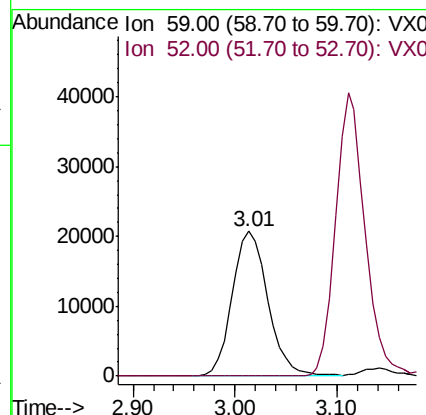
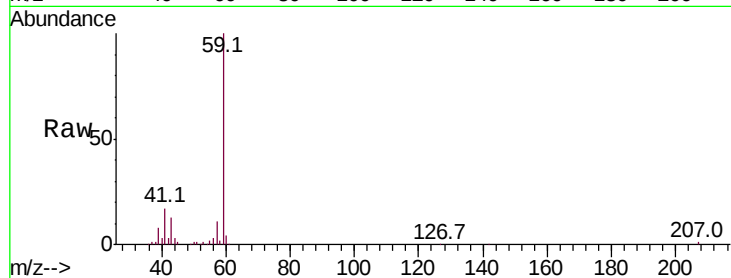
Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

Tot Ion: 59 Resp: 50312

Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.4#



#24

Methyl tert-Butyl Ether

Concen: 19.106 ug/l

RT: 3.16 min Scan# 340

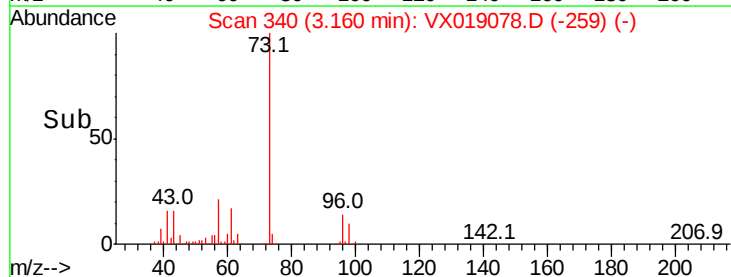
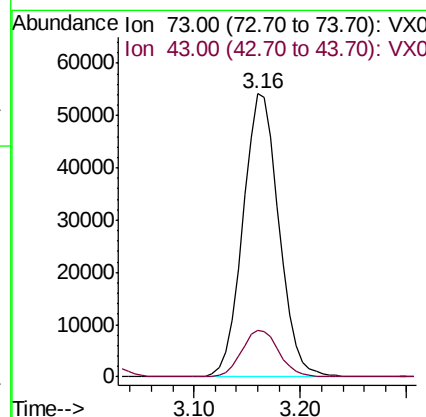
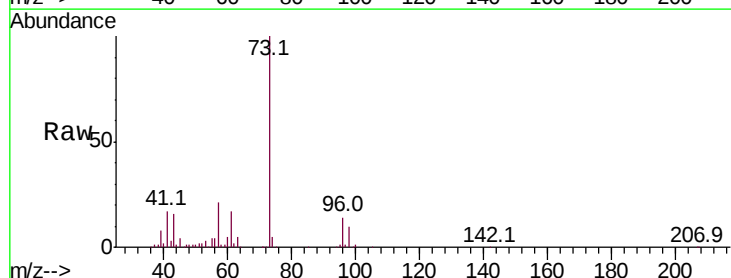
Delta R.T. -0.01 min

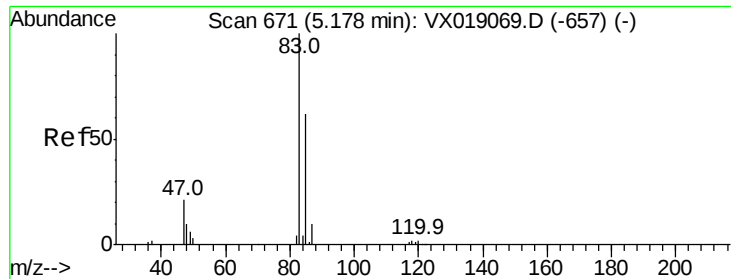
Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Tgt Ion: 73 Resp: 128649

Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.9	20.9

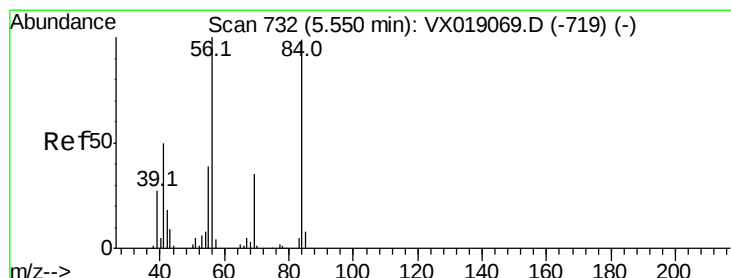
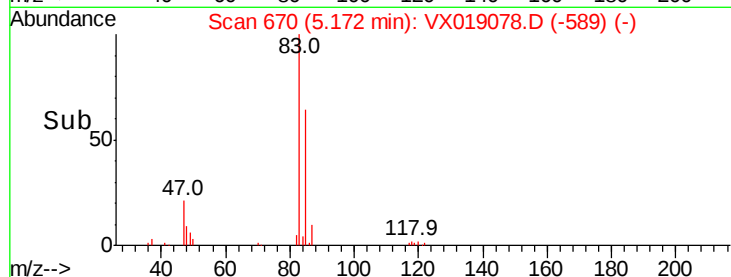
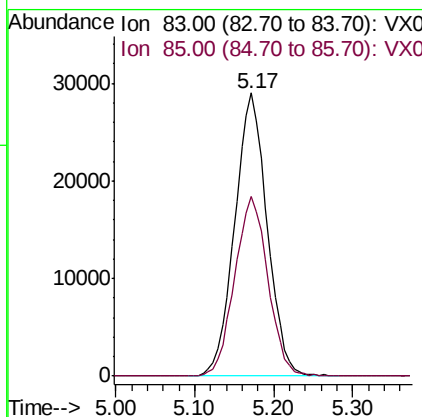
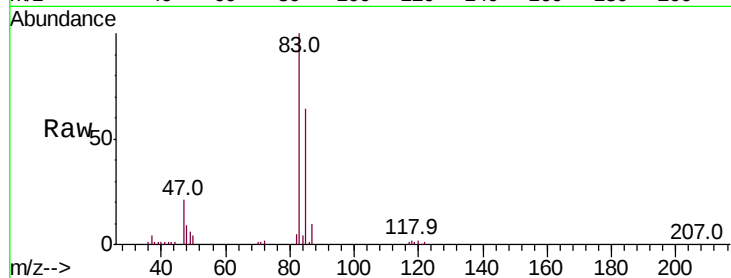




#25
Chloroform
Concen: 18.939 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

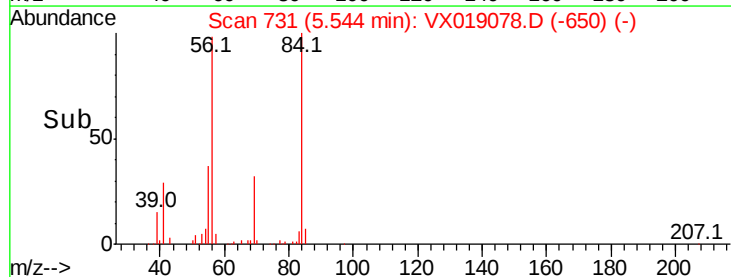
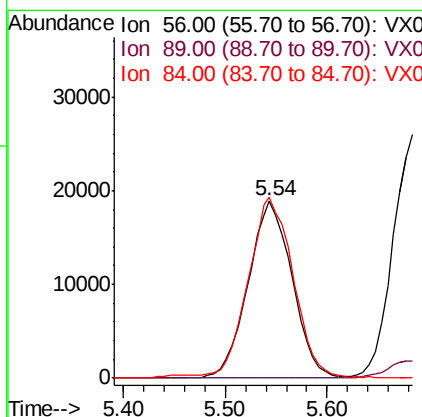
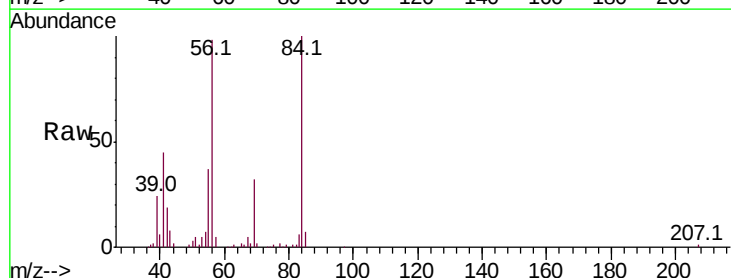
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

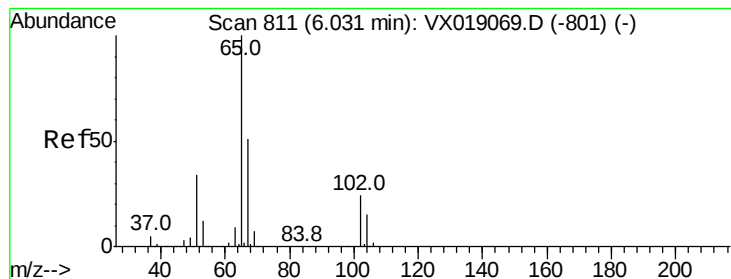
Tot Ion: 83 Resp: 83018
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.8



#26
Cyclohexane
Concen: 18.311 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 56 Resp: 56294
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.2 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 30.409 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

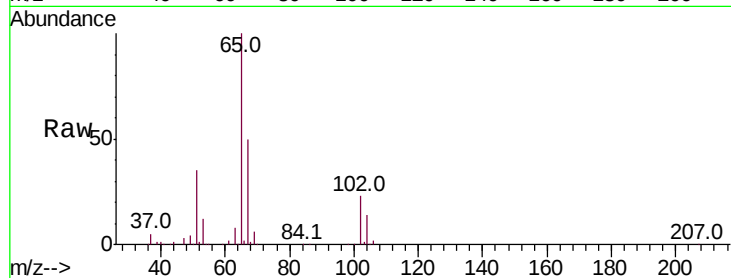
VX1023WBSD01

Tot Ion: 65 Resp: 85678

Ion Ratio Lower Upper

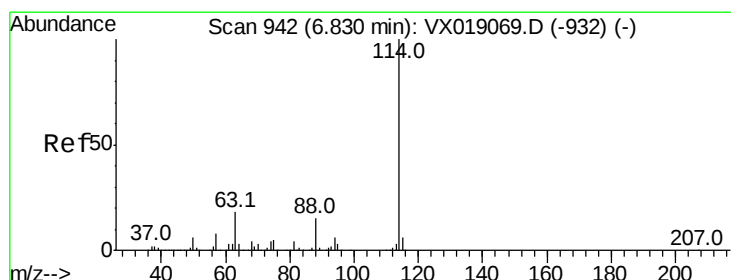
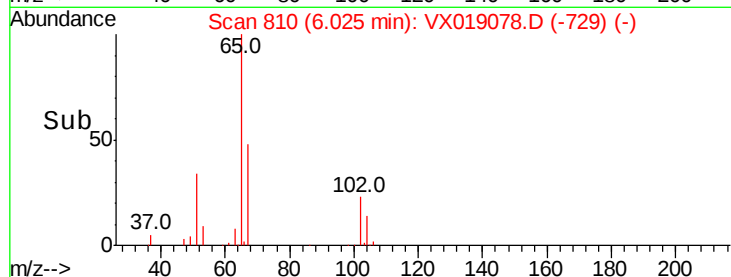
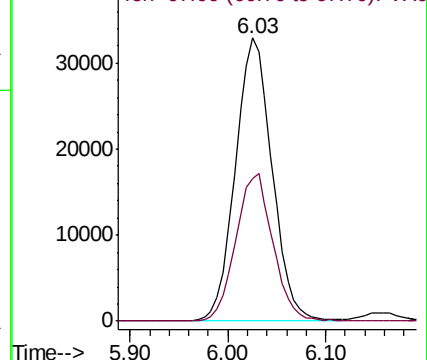
65 100

67 52.4 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

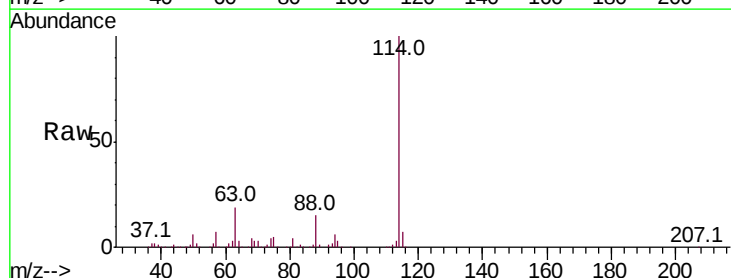
Tgt Ion: 114 Resp: 230702

Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

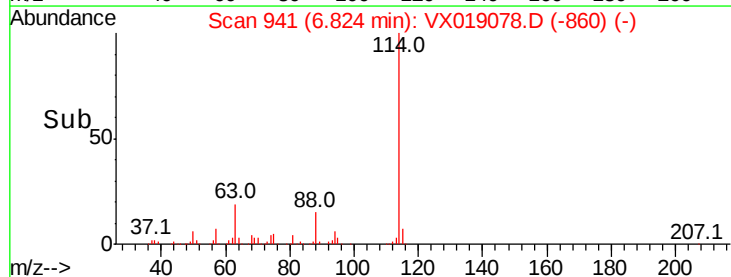
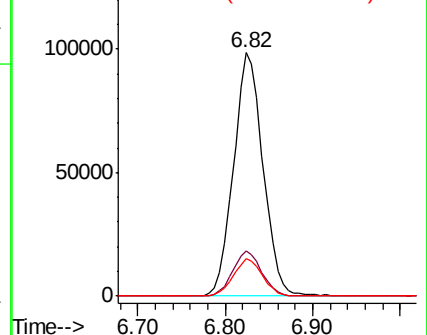
88 15.2 12.2 18.2

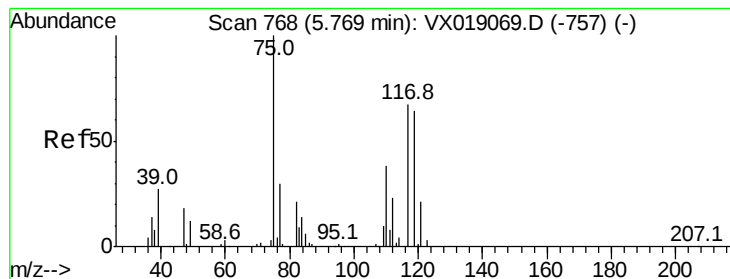


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.568 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

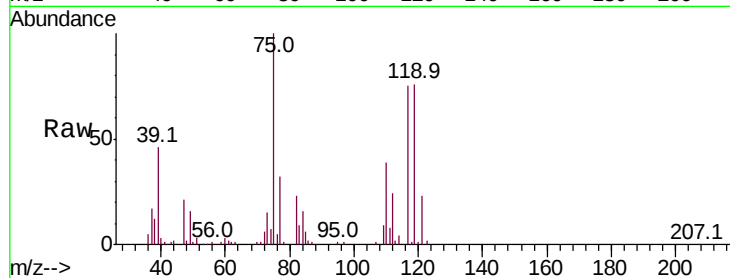
Tot Ion: 75 Resp: 60431

Ion Ratio Lower Upper

75 100

110 38.5 0.0 77.4

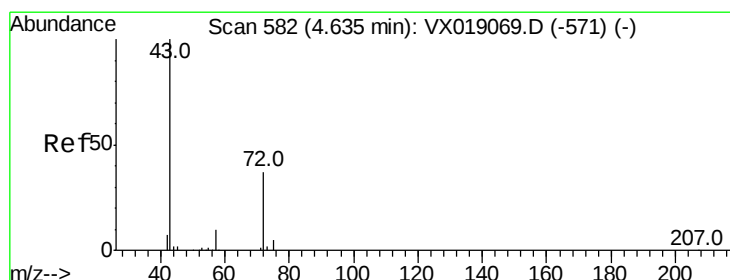
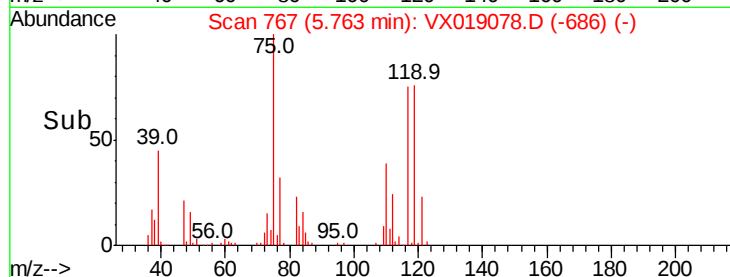
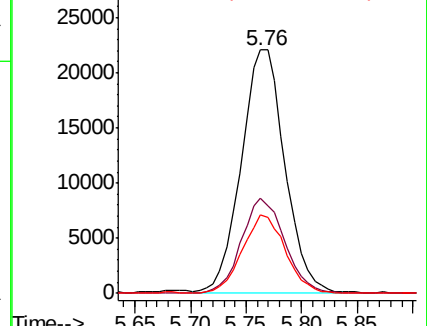
77 31.3 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 106.176 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

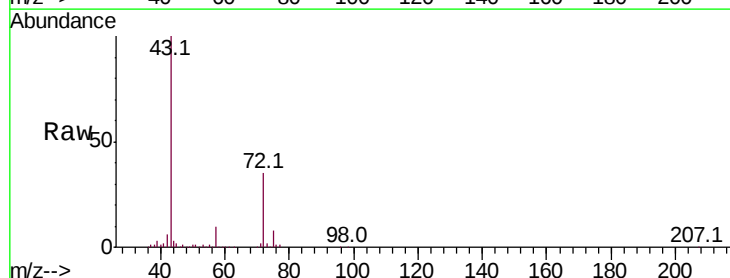
Tgt Ion: 43 Resp: 137665

Ion Ratio Lower Upper

43 100

57 9.7 7.8 11.6

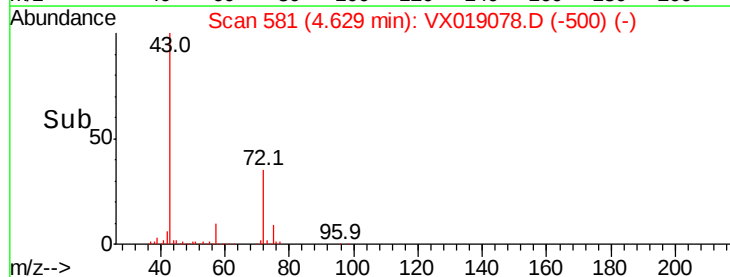
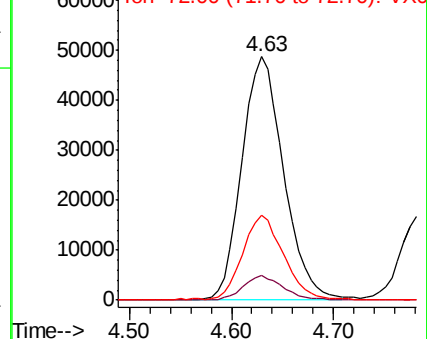
72 34.1 28.1 42.1

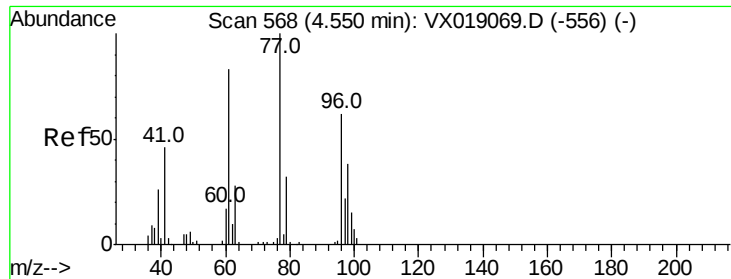


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.400 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

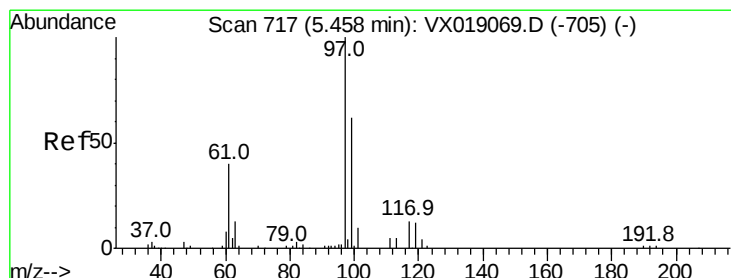
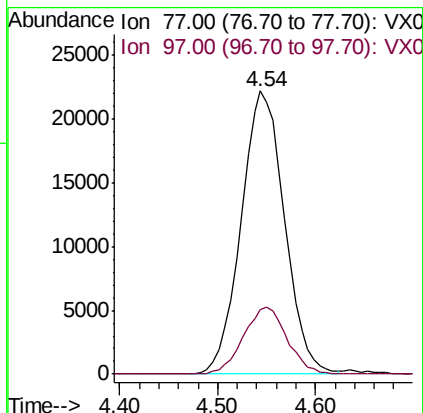
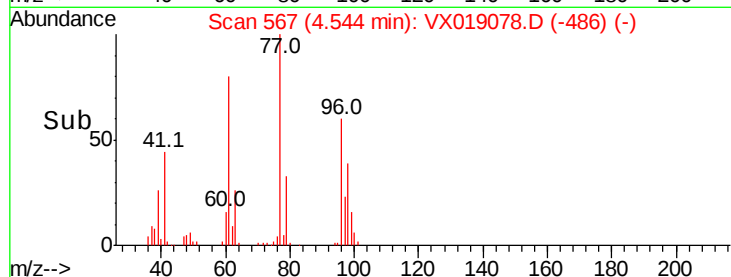
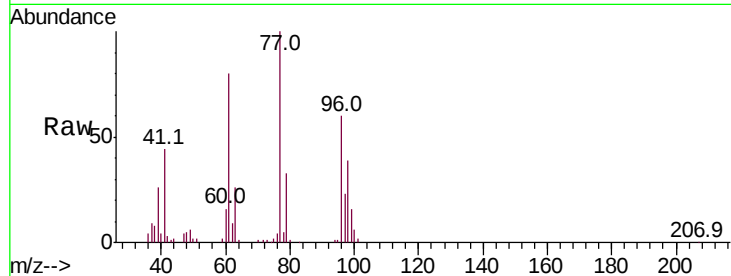
VX1023WBSD01

Tot Ion: 77 Resp: 68519

Ion Ratio Lower Upper

77 100

97 23.7 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 18.532 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

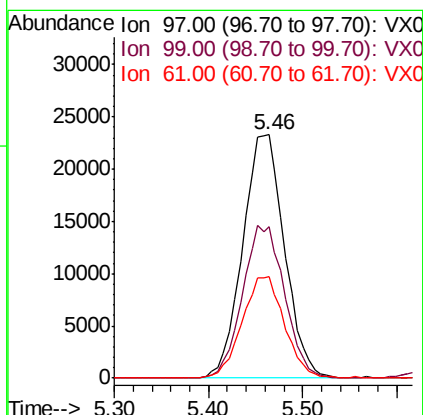
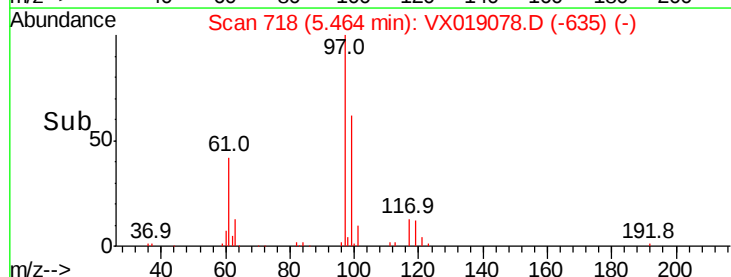
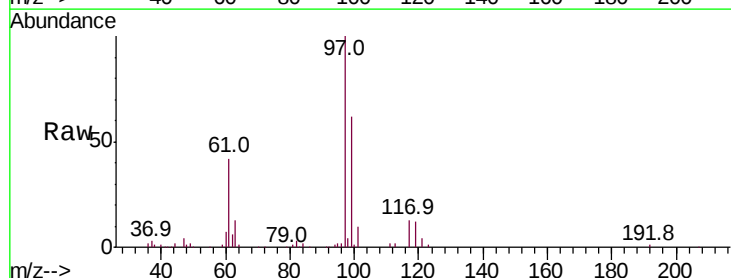
Tgt Ion: 97 Resp: 72493

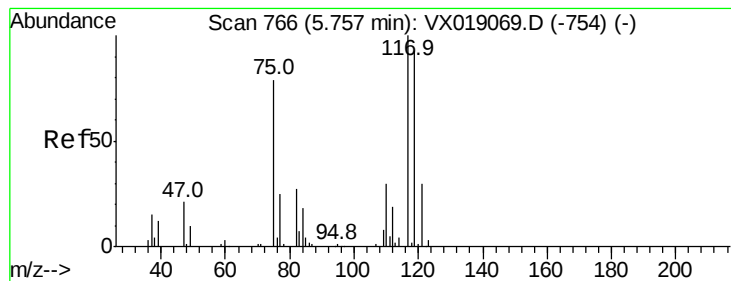
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.6

61 42.0 32.0 48.0





#33

Carbon Tetrachloride

Concen: 18.116 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

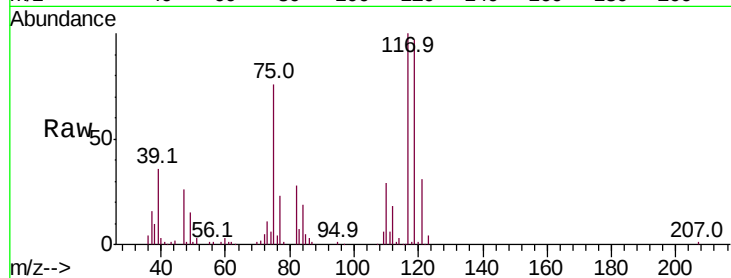
Tot Ion:117 Resp: 61498

Ion Ratio Lower Upper

117 100

119 97.1 74.5 111.7

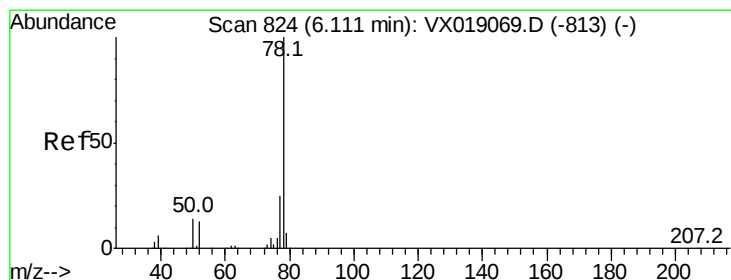
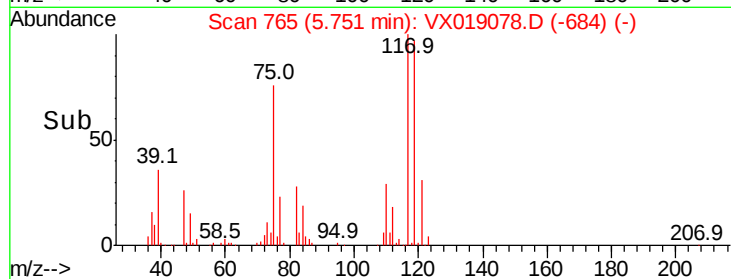
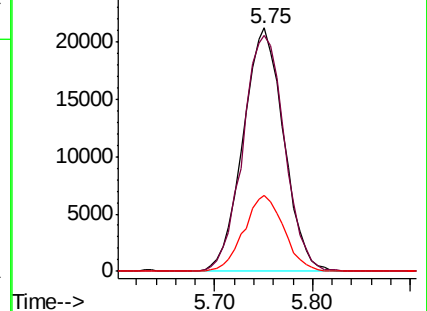
121 31.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.020 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

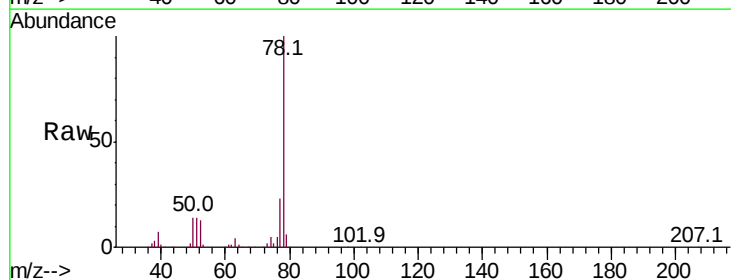
Tgt Ion: 78 Resp: 182142

Ion Ratio Lower Upper

78 100

77 23.0 20.1 30.1

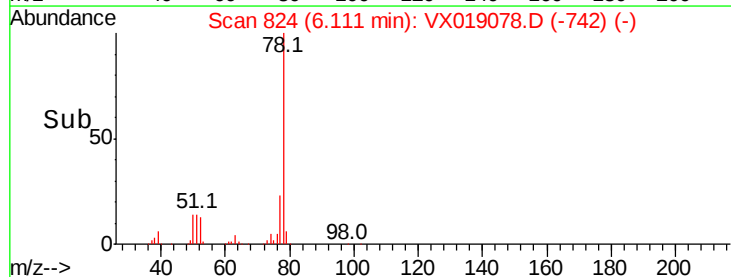
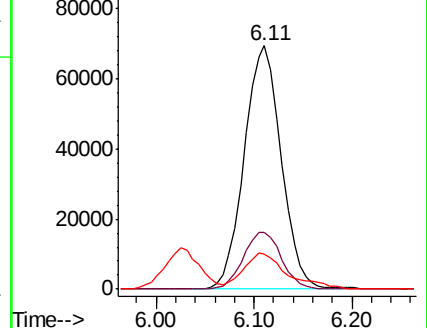
51 13.9 11.0 16.4

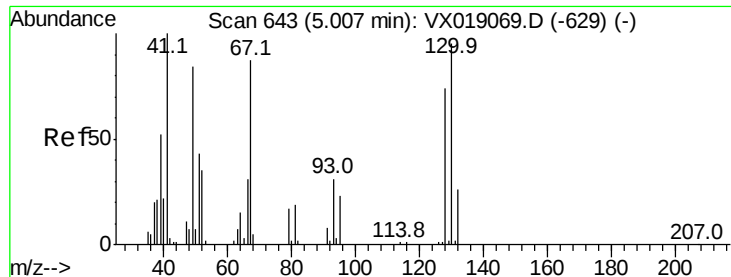


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

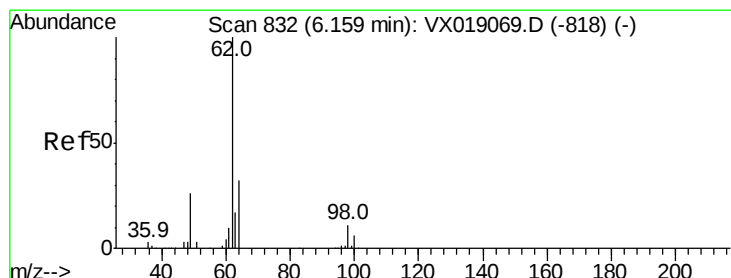
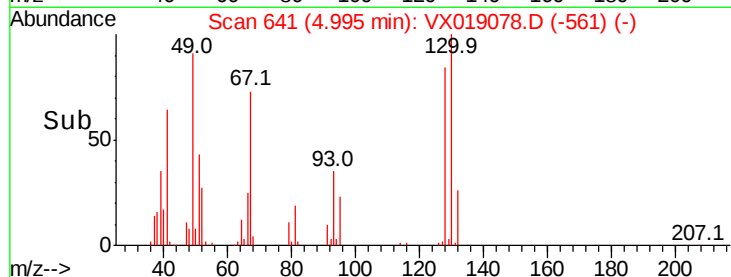
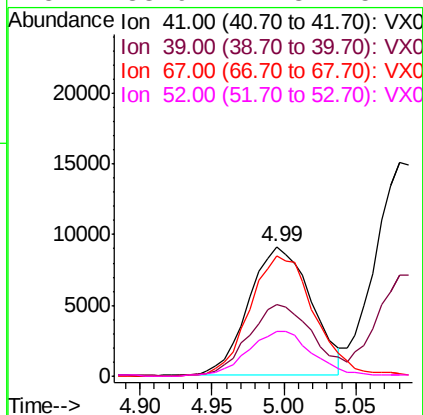
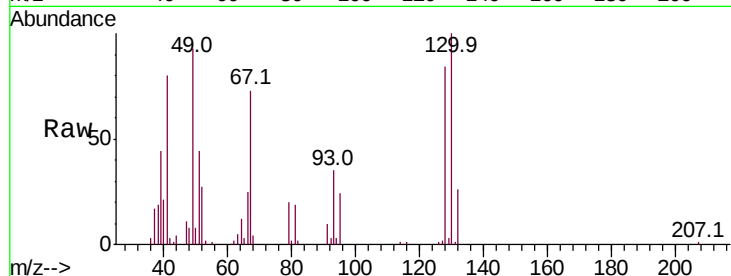




#35
Methacrylonitrile
Concen: 19.403 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

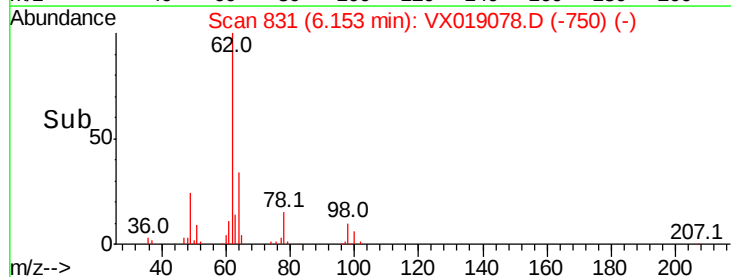
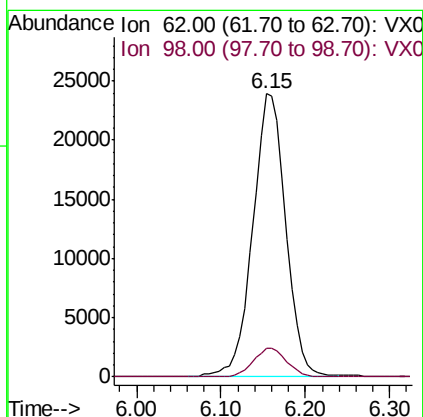
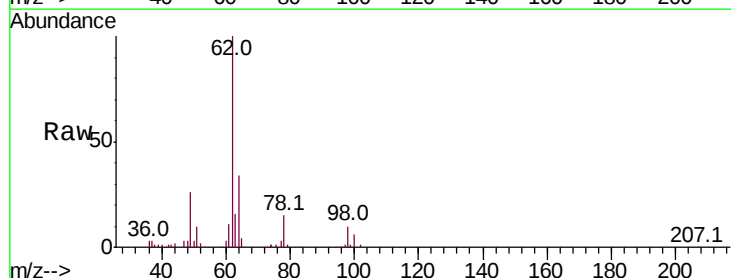
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

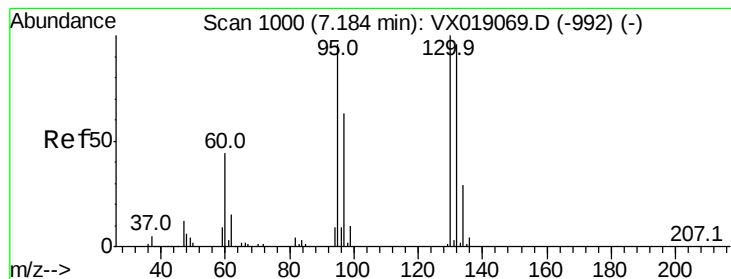
Tot Ion: 41 Resp: 27234
Ion Ratio Lower Upper
41 100
39 55.1 25.8 77.4
67 92.3 43.6 130.8
52 33.9 17.3 51.7



#36
1,2-Dichloroethane
Concen: 19.499 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 62 Resp: 64054
Ion Ratio Lower Upper
62 100
98 10.2 8.4 12.6





#37

Trichloroethene

Concen: 18.892 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

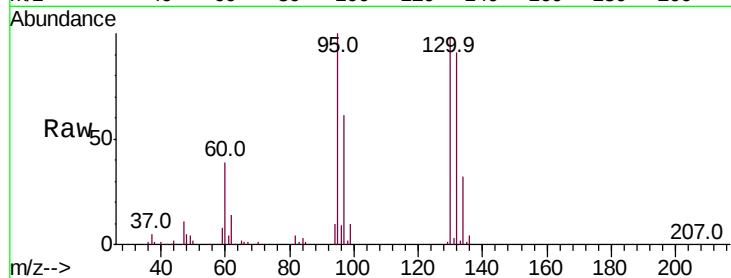
VX1023WBSD01

Tot Ion:130 Resp: 52001

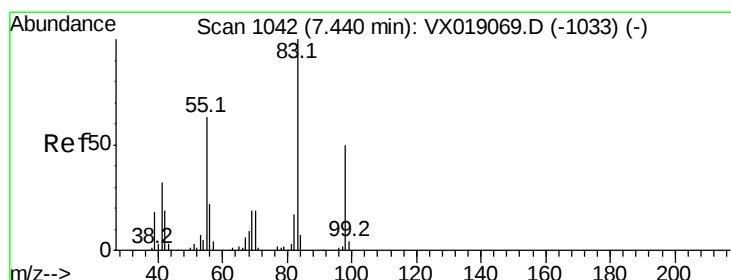
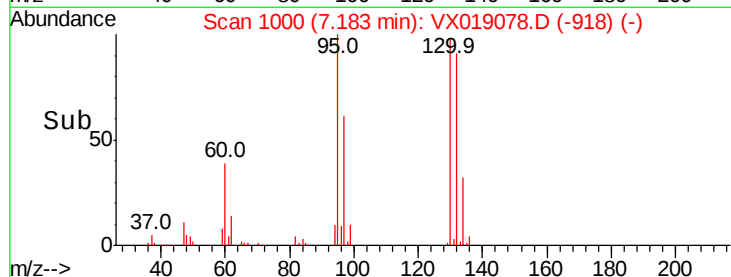
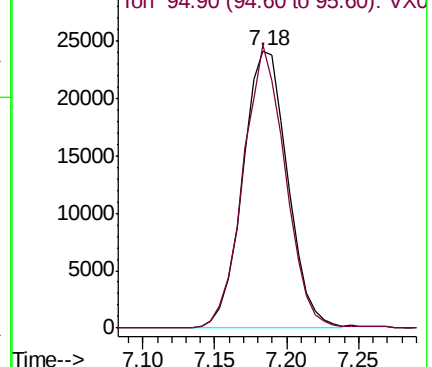
Ion Ratio Lower Upper

130 100

95 101.8 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V



#38

Methylcyclohexane

Concen: 18.861 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

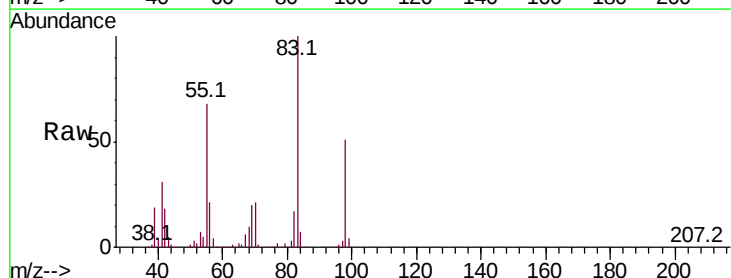
Tgt Ion: 83 Resp: 68807

Ion Ratio Lower Upper

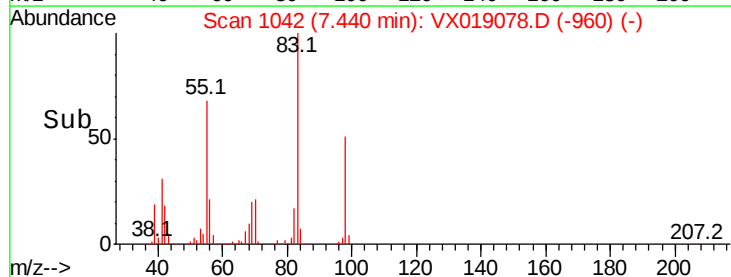
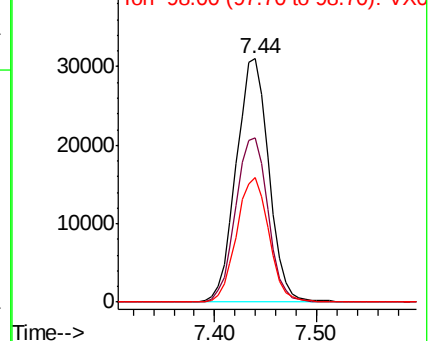
83 100

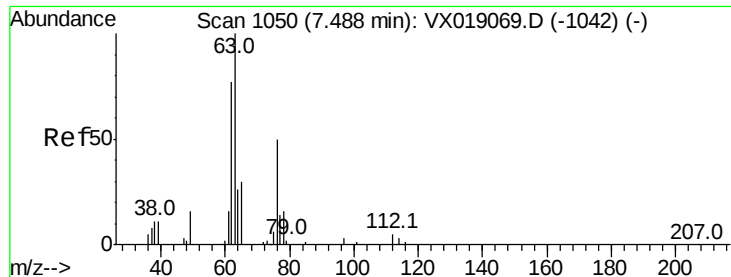
55 66.1 32.3 96.8

98 50.9 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX0





#39

1,2-Dichloropropane

Concen: 19.540 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

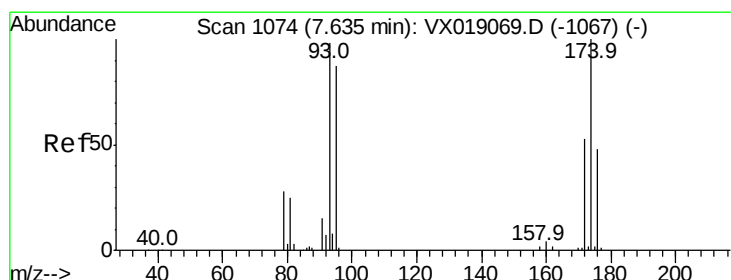
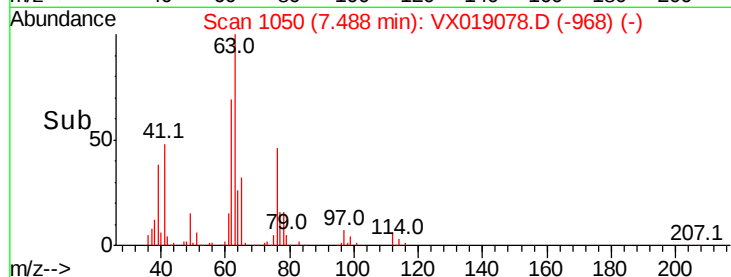
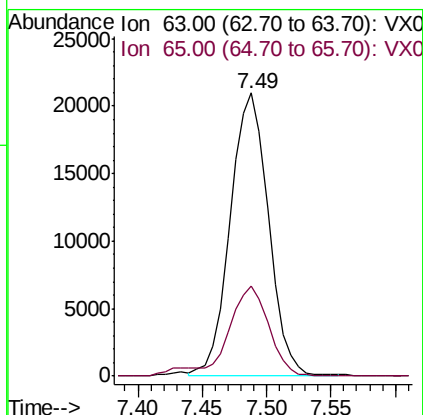
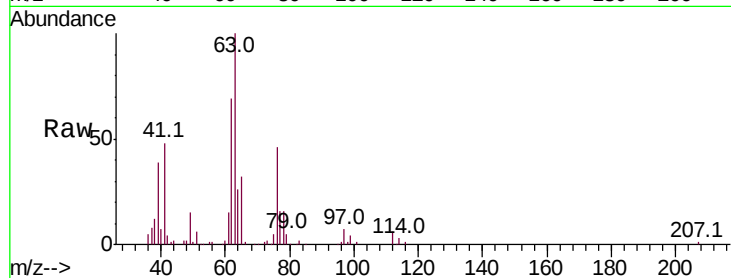
VX1023WBSD01

Tot Ion: 63 Resp: 43435

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.8



#40

Dibromomethane

Concen: 19.408 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

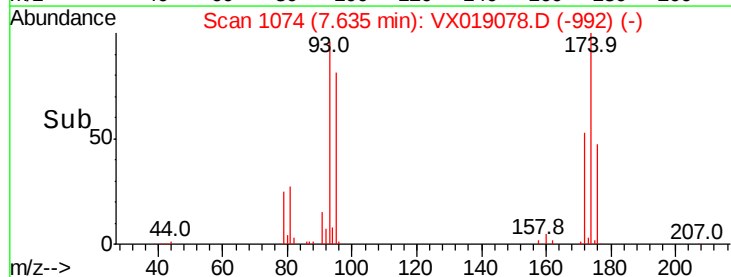
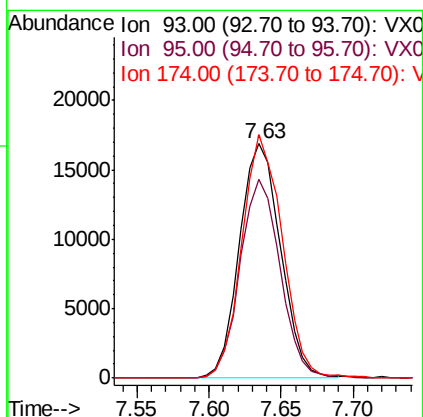
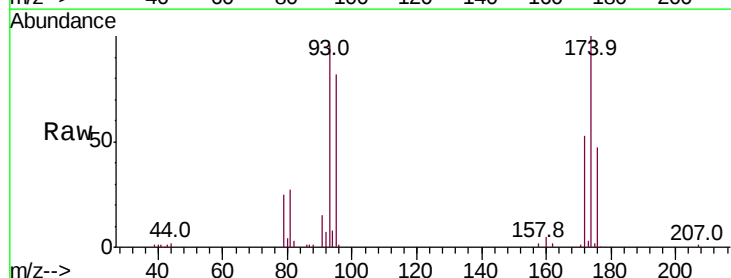
Tgt Ion: 93 Resp: 33481

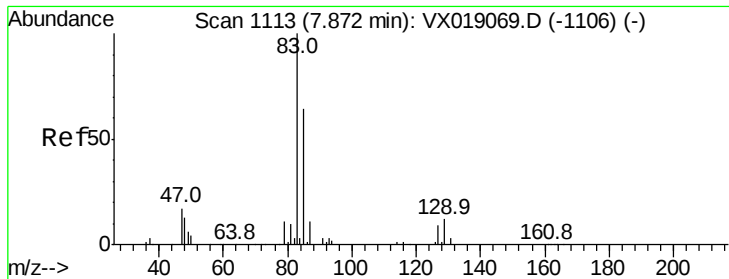
Ion Ratio Lower Upper

93 100

95 83.0 0.0 169.0

174 102.1 0.0 205.4





#41

Bromodichloromethane

Concen: 19.322 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

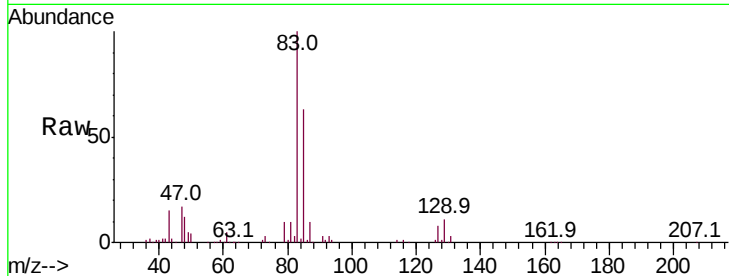
Tot Ion: 83 Resp: 65902

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

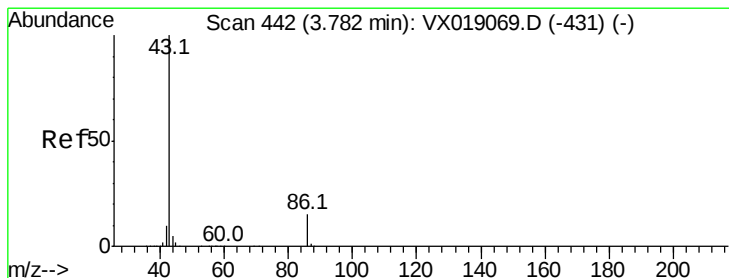
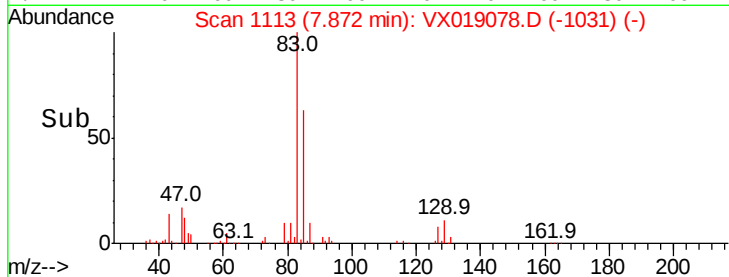
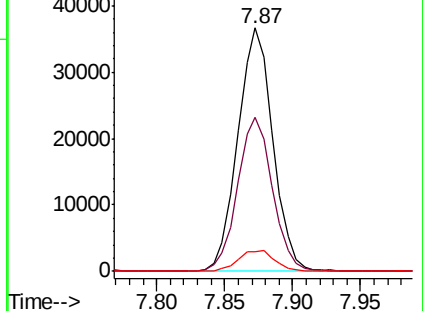
127 8.2 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 98.368 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019078.D

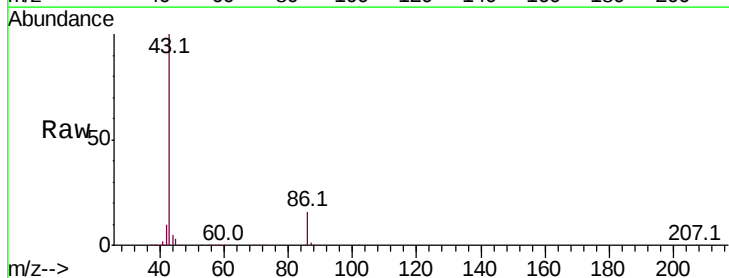
Acq: 23 Oct 2020 14:42

Tgt Ion: 43 Resp: 496256

Ion Ratio Lower Upper

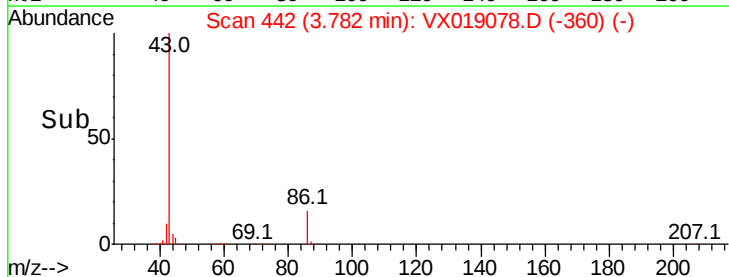
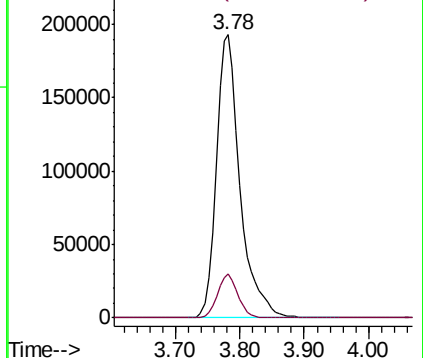
43 100

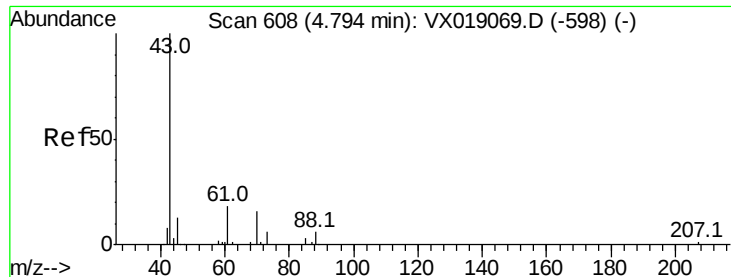
86 13.5 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

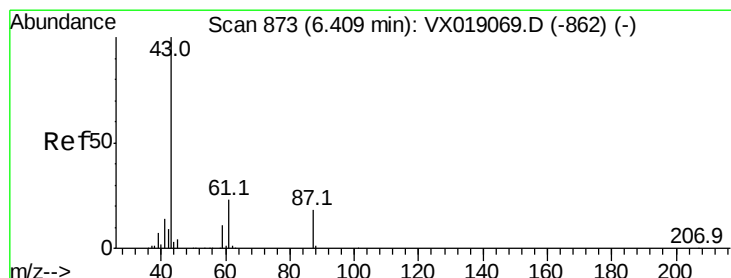
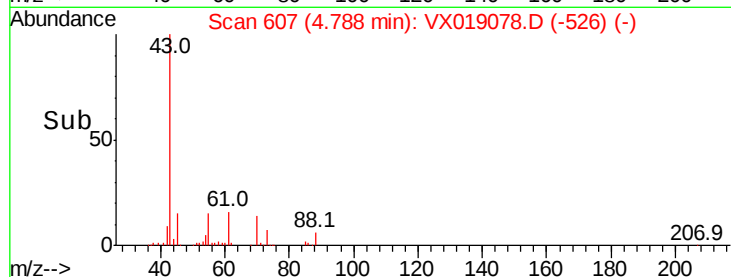
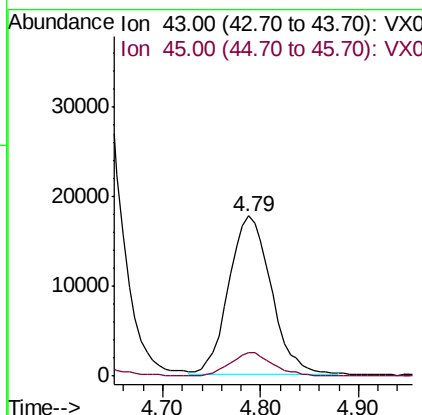
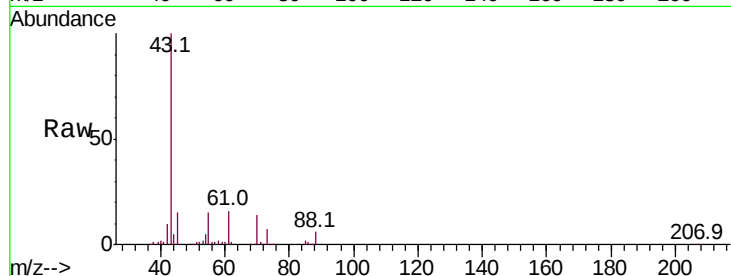




#43
Ethyl Acetate
Concen: 19.708 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

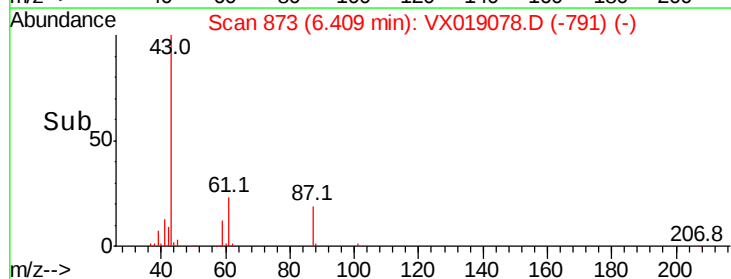
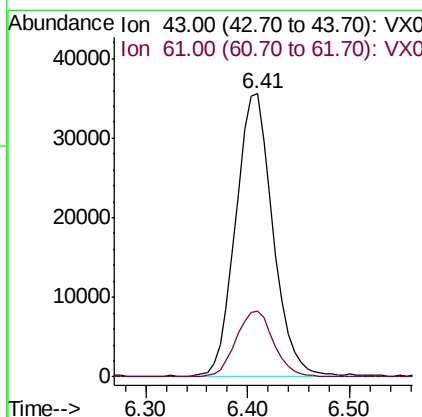
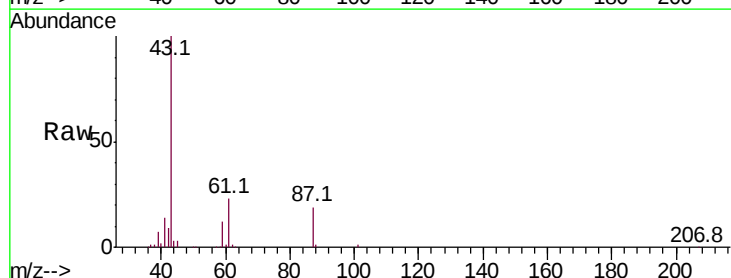
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

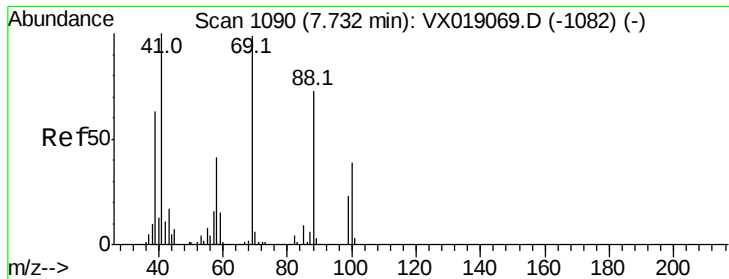
Tot Ion: 43 Resp: 53606
Ion Ratio Lower Upper
43 100
45 15.2 12.7 19.1



#44
Isopropyl Acetate
Concen: 19.683 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 43 Resp: 89649
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7





#45

1,4-Dioxane

Concen: 402.263 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

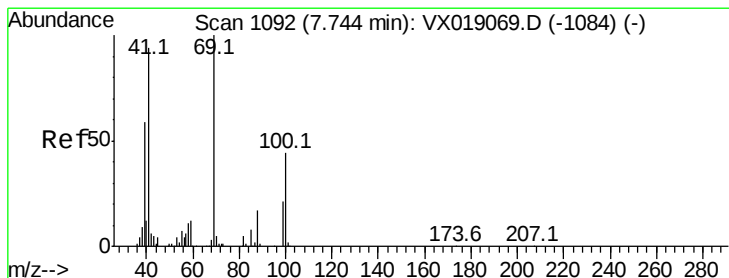
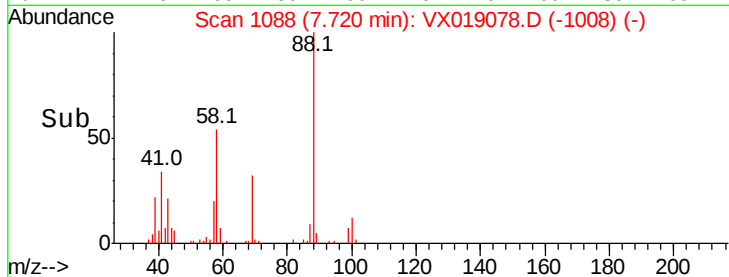
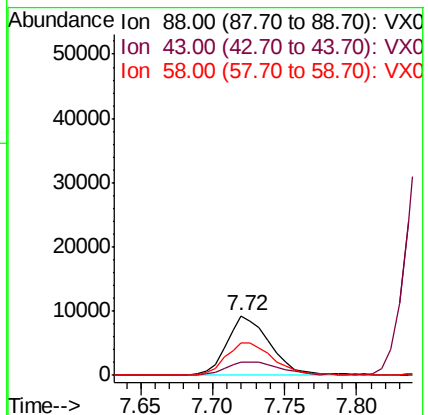
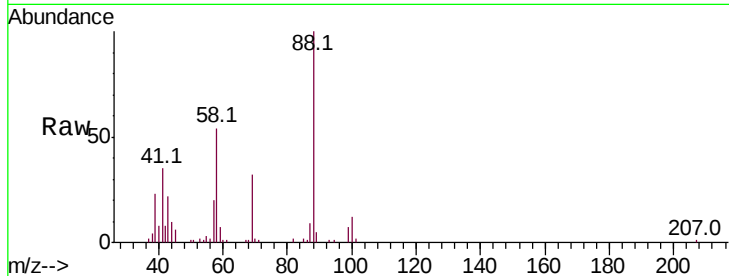
Tot Ion: 88 Resp: 19258

Ion Ratio Lower Upper

88 100

43 26.5 20.5 30.7

58 59.8 47.4 71.2



#46

Methyl methacrylate

Concen: 19.888 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

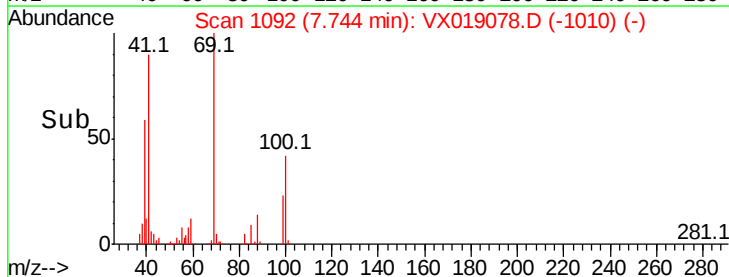
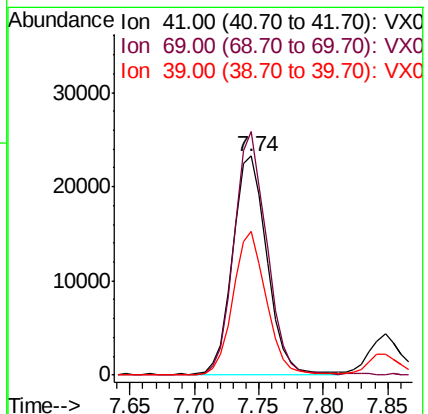
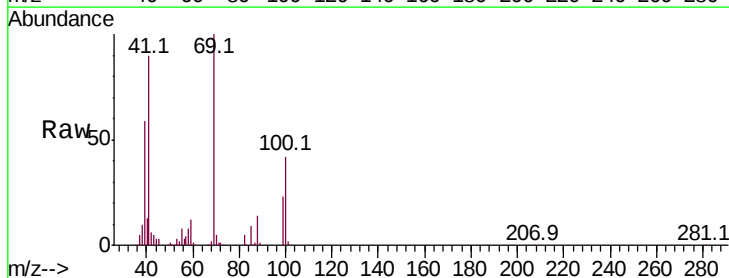
Tgt Ion: 41 Resp: 42873

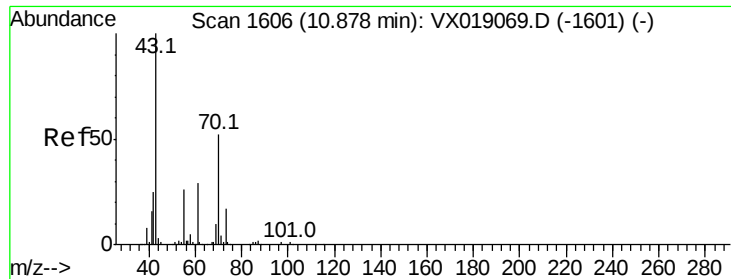
Ion Ratio Lower Upper

41 100

69 111.5 53.1 159.4

39 65.2 31.3 93.9





#47

n-amvl Acetate

Concen: 20.785 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

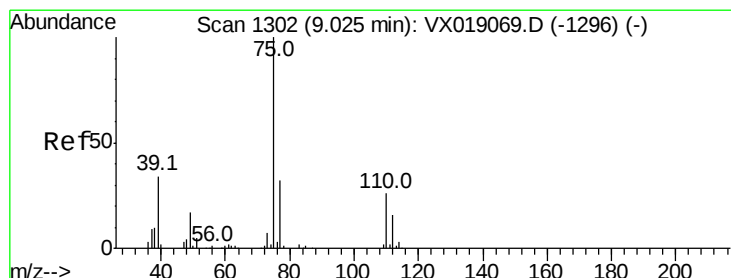
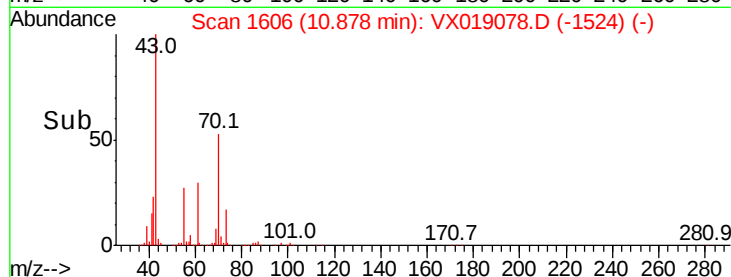
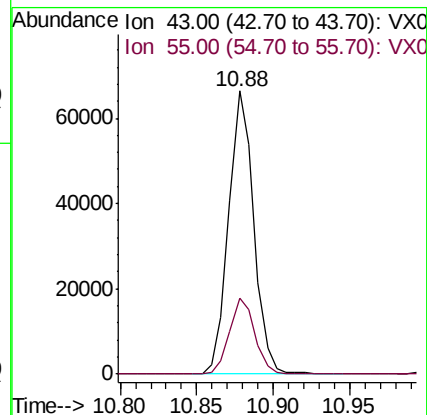
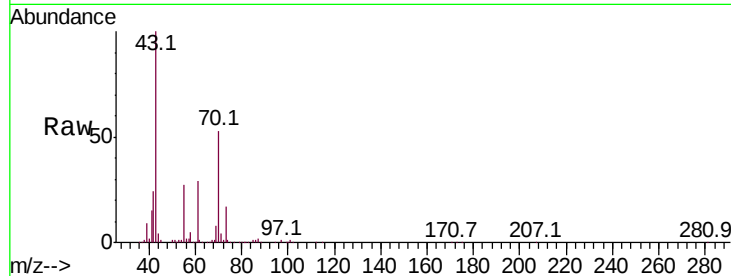
VX1023WBSD01

Tot Ion: 43 Resp: 75936

Ion Ratio Lower Upper

43 100

55 27.4 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 19.239 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019078.D

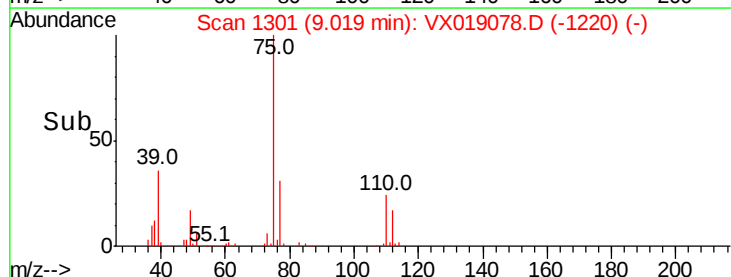
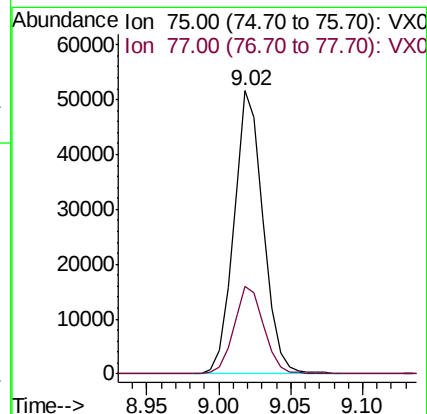
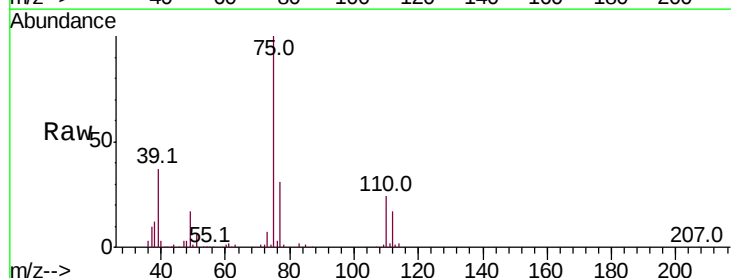
Acq: 23 Oct 2020 14:42

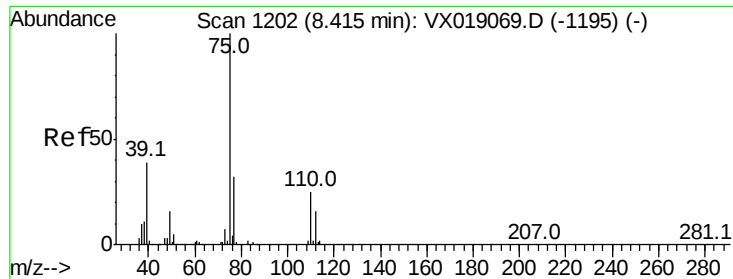
Tgt Ion: 75 Resp: 73461

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



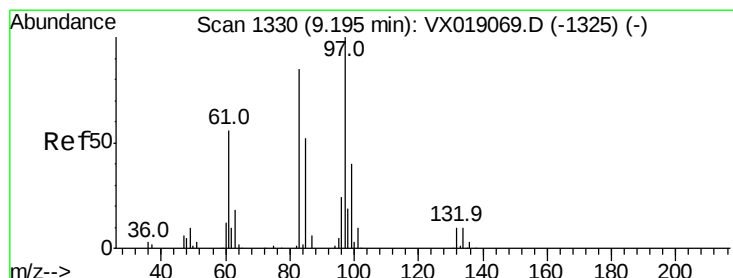
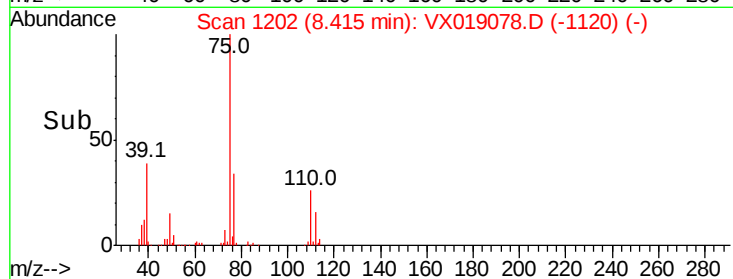
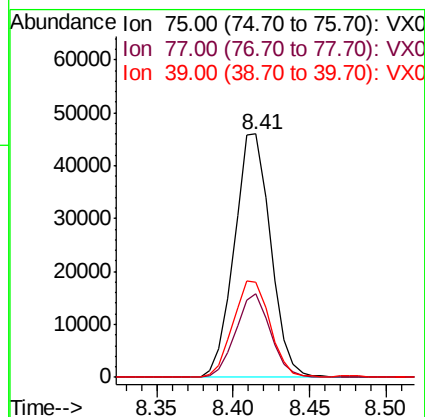
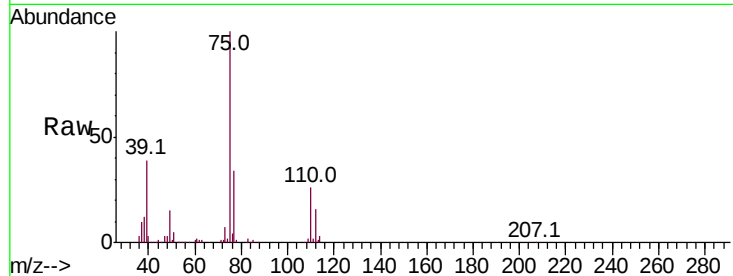


#49

cis-1,3-Dichloropropene
 Concen: 18.671 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

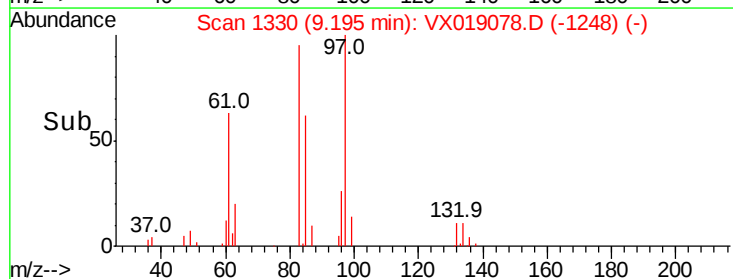
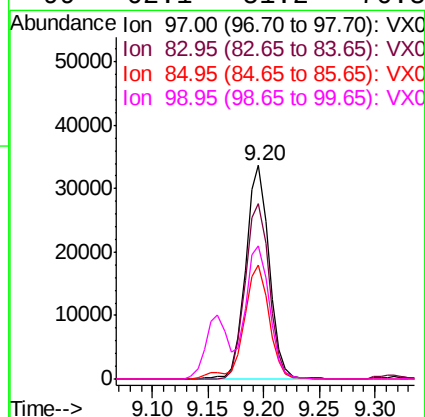
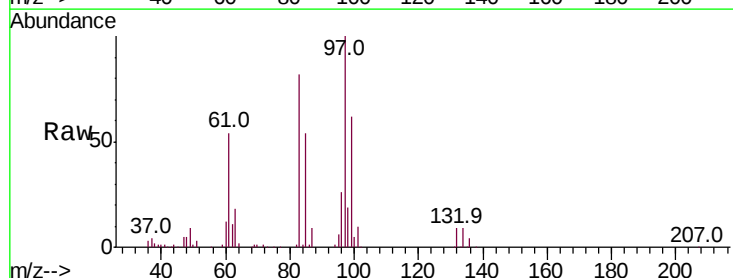
Tot Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.8	38.8
39	38.7	31.0	46.6

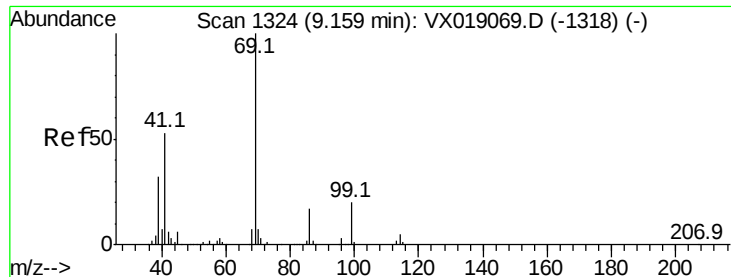


#50

1,1,2-Trichloroethane
 Concen: 19.741 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.8	101.6
85	53.6	43.5	65.3
99	62.1	51.2	76.8





#51

Ethyl methacrylate

Concen: 19.701 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

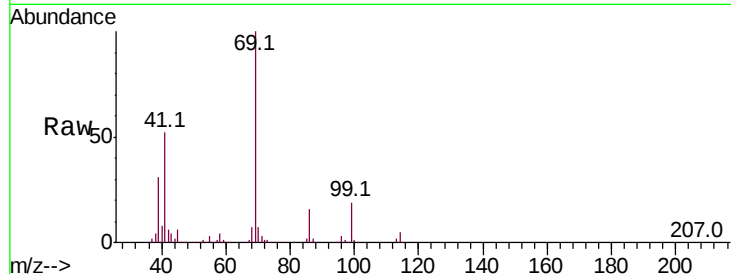
Tot Ion: 69 Resp: 71830

Ion Ratio Lower Upper

69 100

41 51.4 26.5 79.4

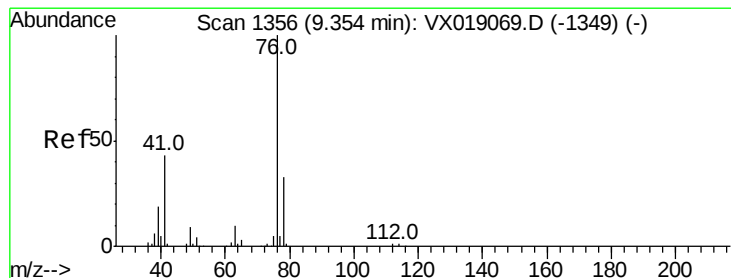
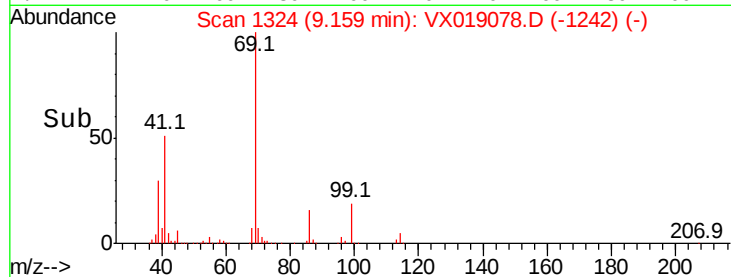
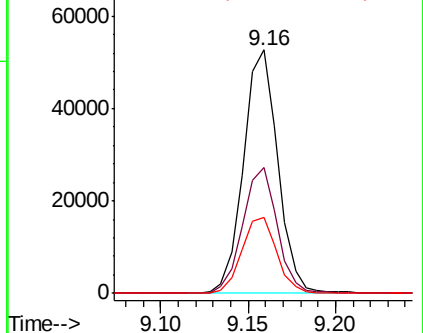
39 30.8 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.915 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019078.D

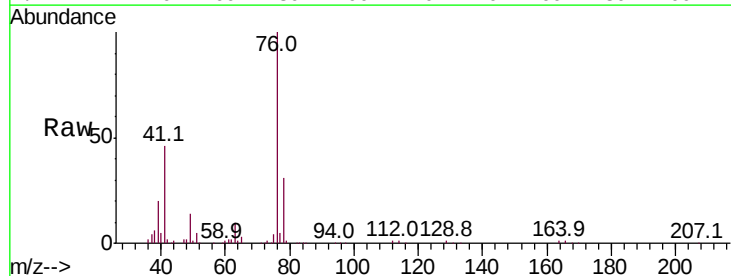
Acq: 23 Oct 2020 14:42

Tgt Ion: 76 Resp: 81068

Ion Ratio Lower Upper

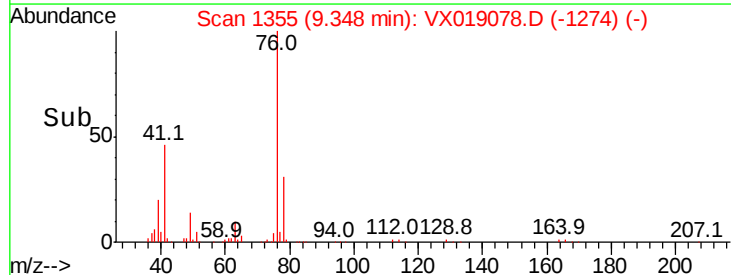
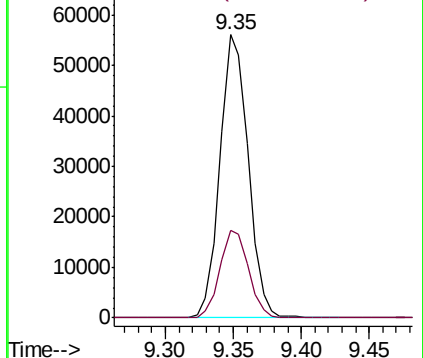
76 100

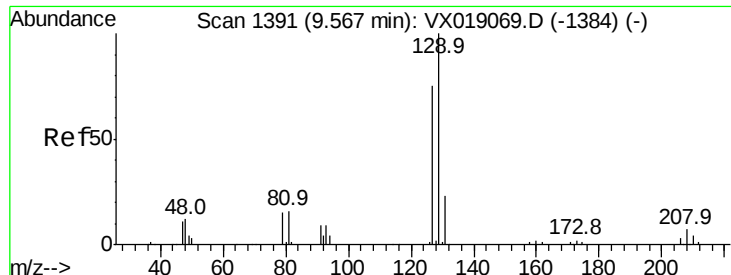
78 31.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.964 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

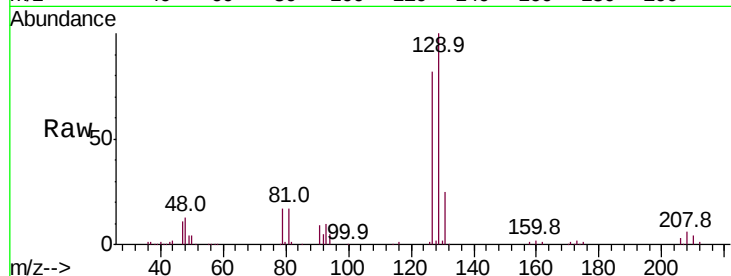
VX1023WBSD01

Tot Ion:129 Resp: 52751

Ion Ratio Lower Upper

129 100

127 79.2 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

40000

30000

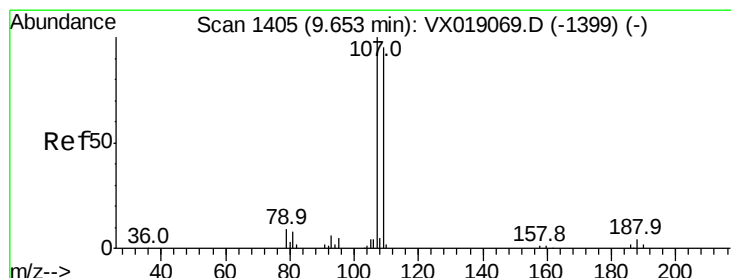
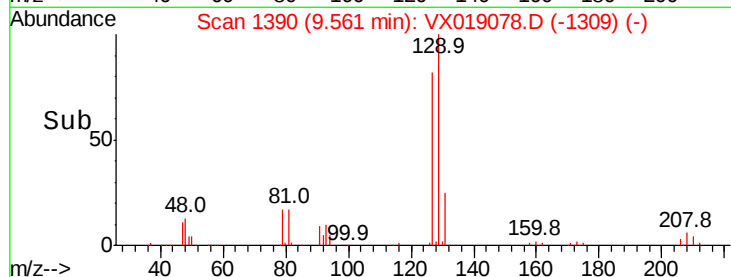
20000

10000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 19.657 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019078.D

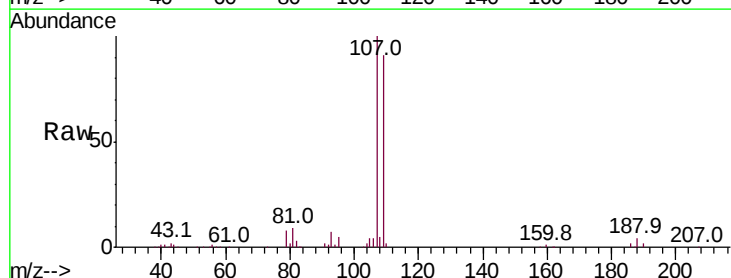
Acq: 23 Oct 2020 14:42

Tgt Ion:107 Resp: 53372

Ion Ratio Lower Upper

107 100

109 92.4 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

40000

30000

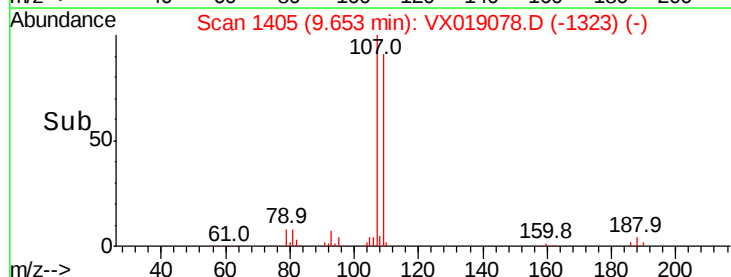
20000

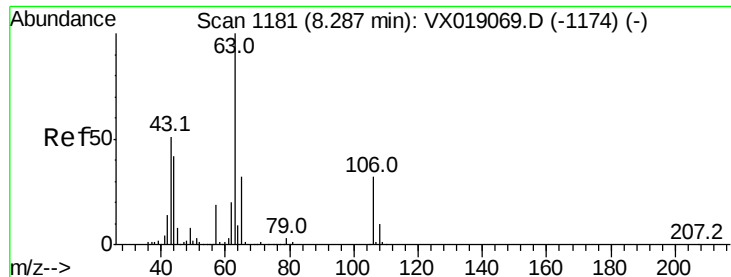
10000

0

9.60 9.65 9.70 9.75

Time-->

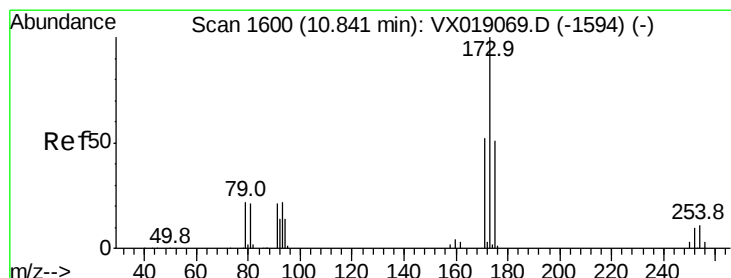
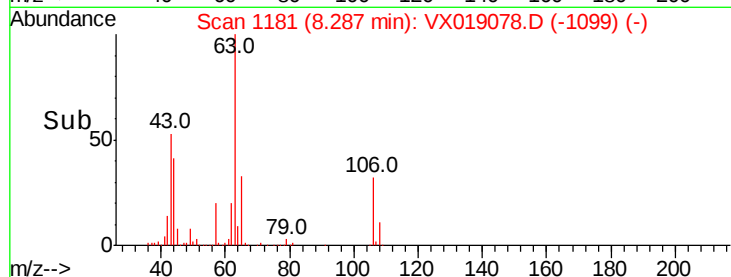
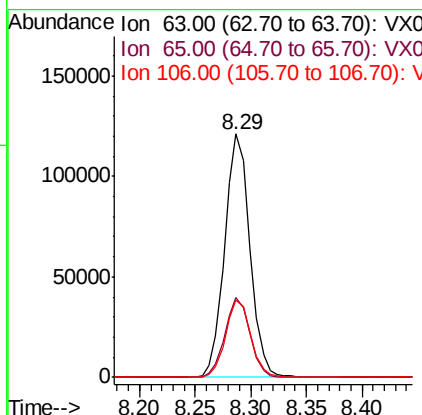
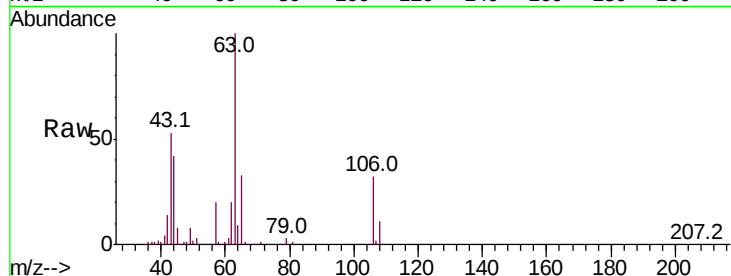




#55
2-Chloroethyl vinyl ether
Concen: 97.631 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

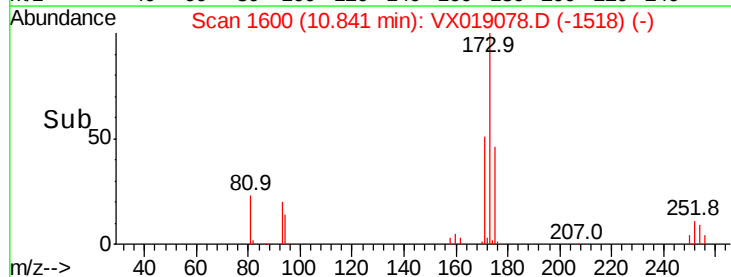
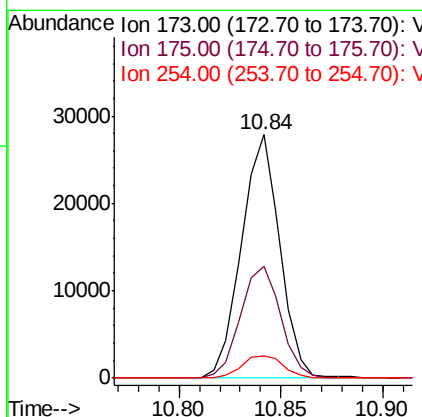
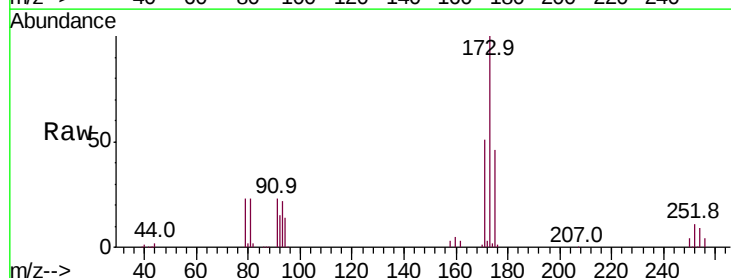
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

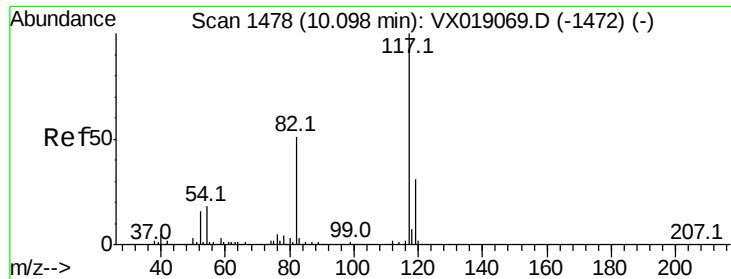
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	31.7	25.9	38.9



#56
Bromoform
Concen: 18.712 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.6	59.4
254	9.9	8.6	13.0

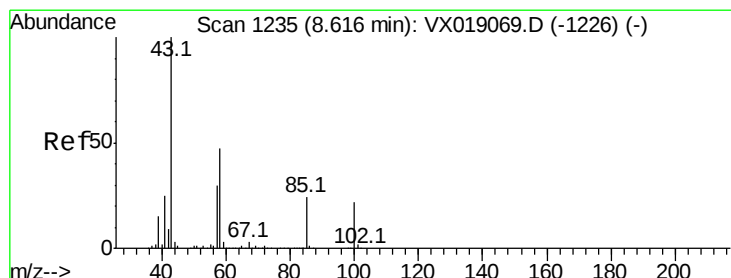
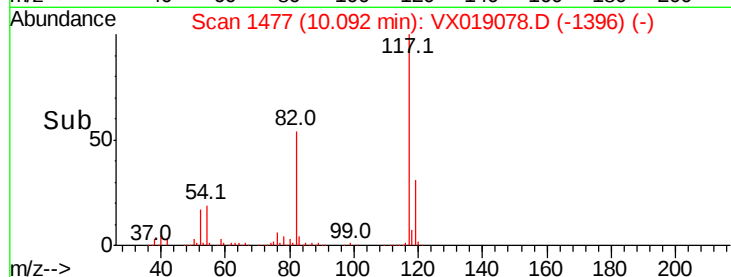
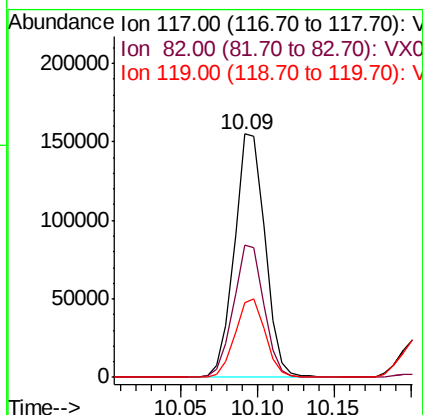
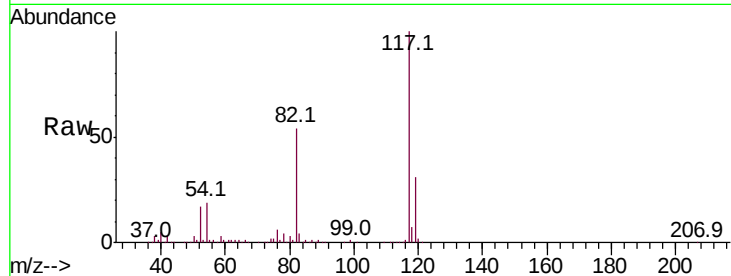




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

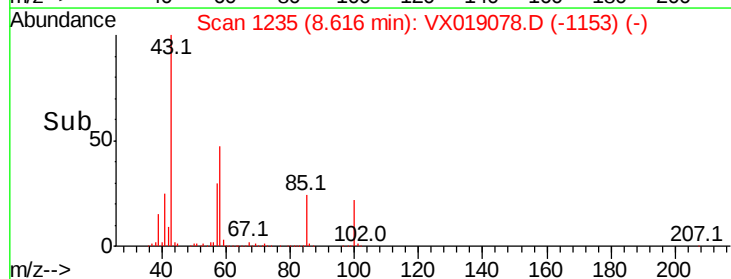
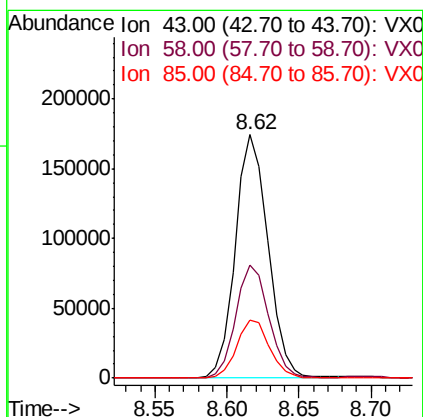
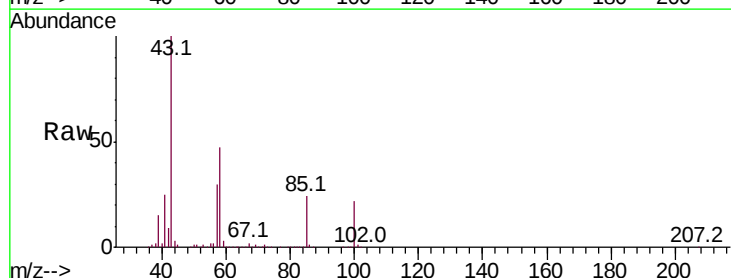
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

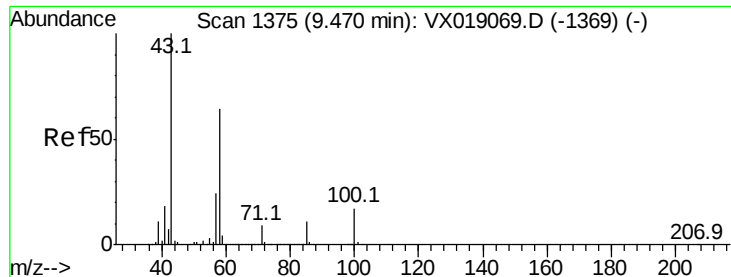
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.5	63.7
119	31.8	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 101.264 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.6	56.4
85	24.2	19.4	29.2

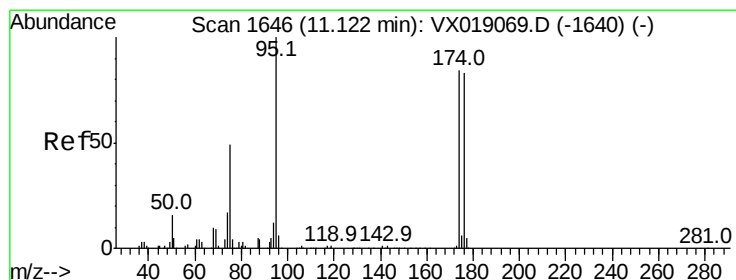
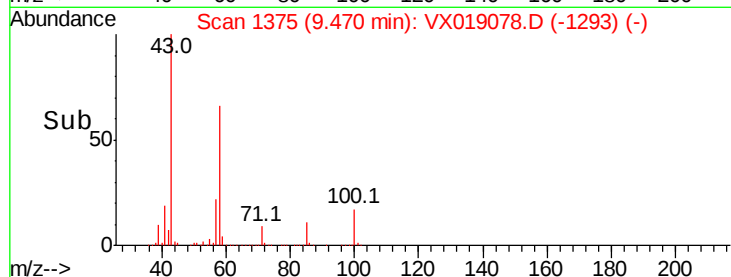
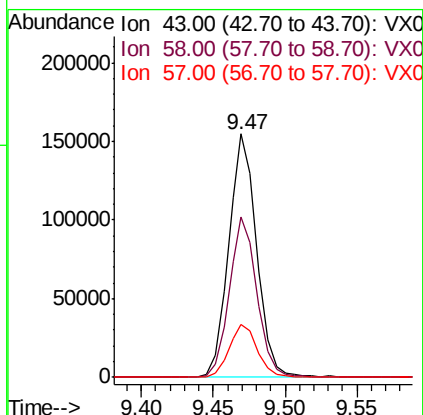
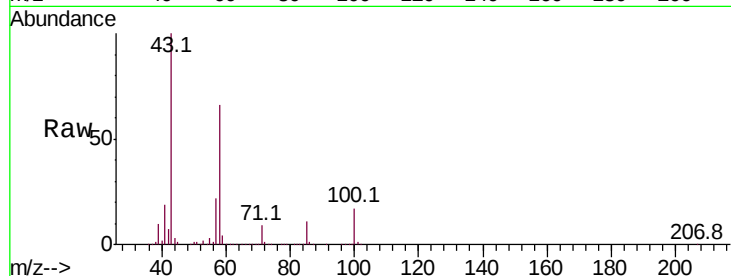




#59
2-Hexanone
Concen: 103.540 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

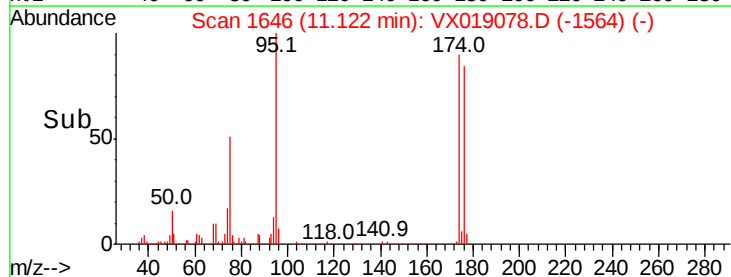
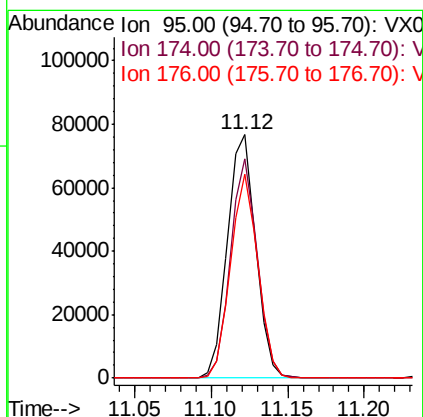
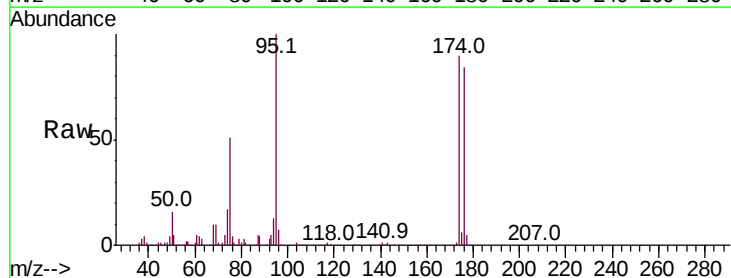
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

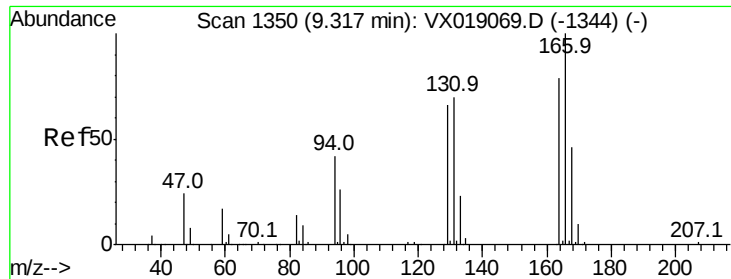
Tot Ion	Ratio	Lower	Upper
43	100		
58	65.1	51.9	77.9
57	22.4	18.2	27.4



#60
4-Bromofluorobenzene
Concen: 30.400 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	66.3	99.5
176	81.3	65.5	98.3





#61

Tetrachloroethene

Concen: 18.284 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

Tot Ion:164 Resp: 46790

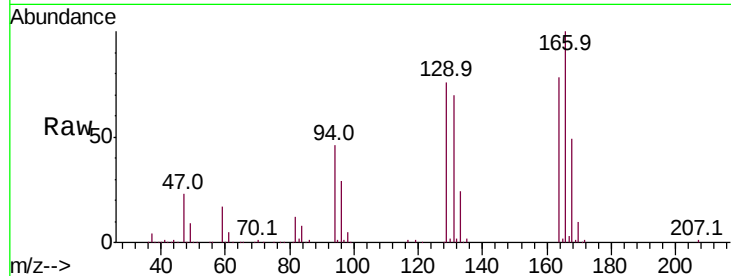
Ion Ratio Lower Upper

164 100

166 127.9 101.9 152.9

129 97.5 67.0 100.6

131 90.2 71.1 106.7



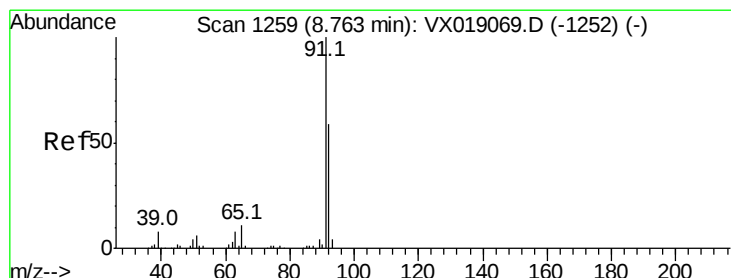
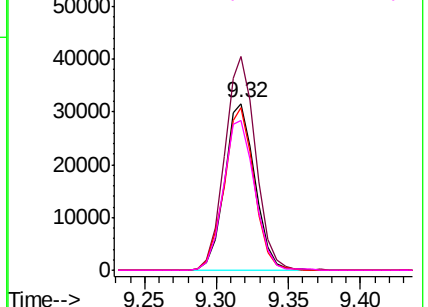
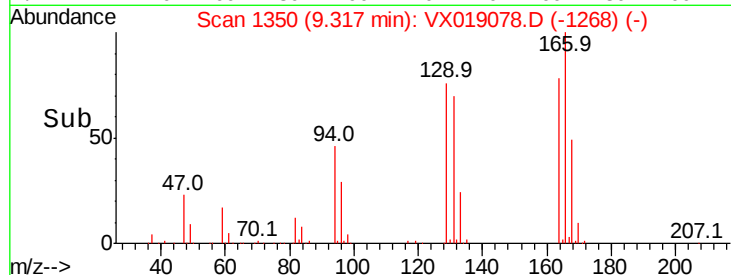
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.365 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019078.D

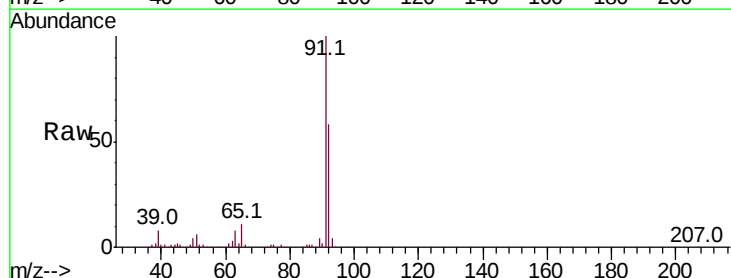
Acq: 23 Oct 2020 14:42

Tgt Ion: 91 Resp: 208205

Ion Ratio Lower Upper

91 100

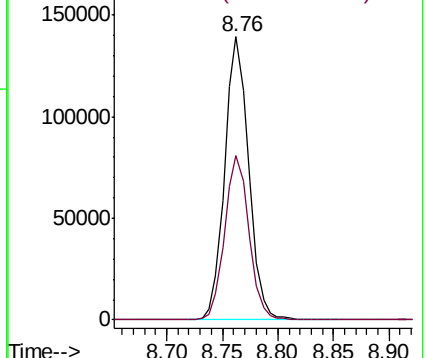
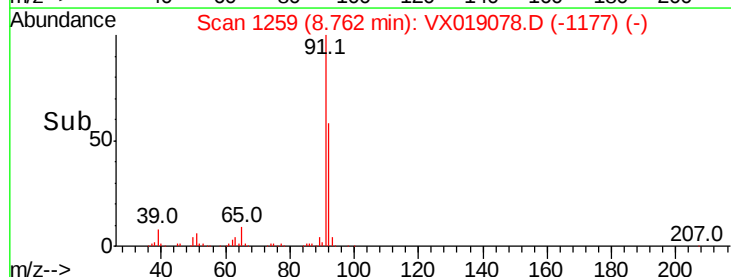
92 58.7 47.3 70.9

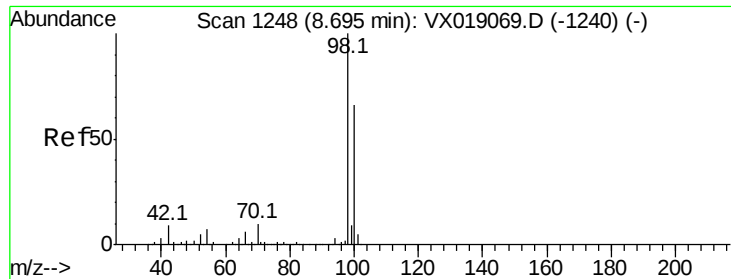


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.352 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

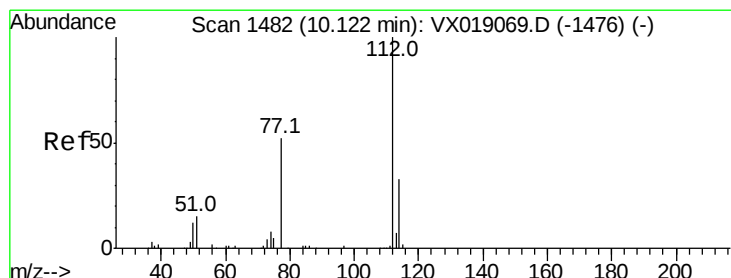
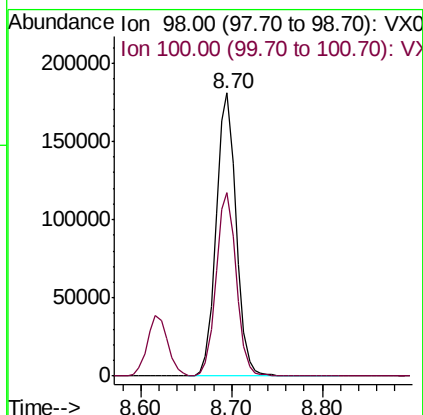
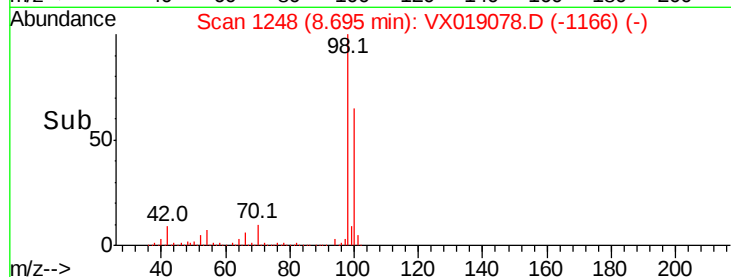
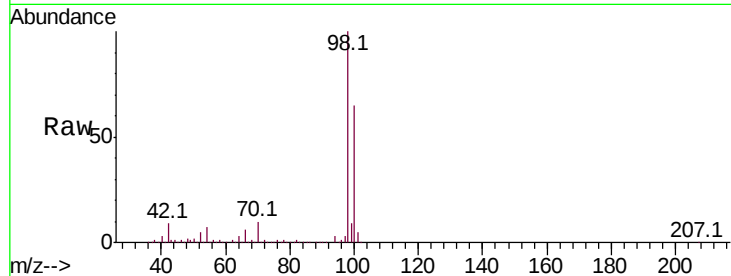
VX1023WBSD01

Tot Ion: 98 Resp: 279547

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#64

Chlorobenzene

Concen: 18.945 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019078.D

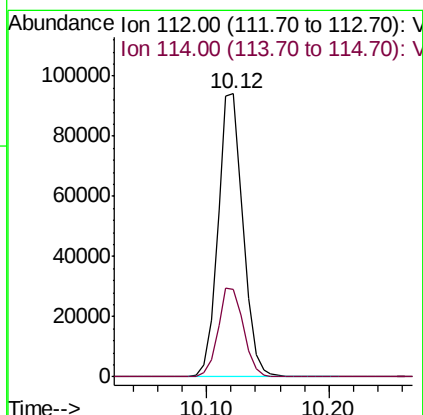
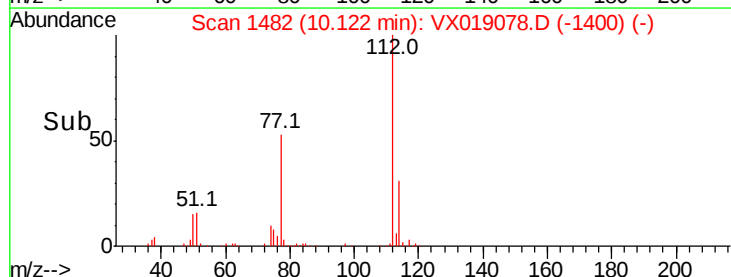
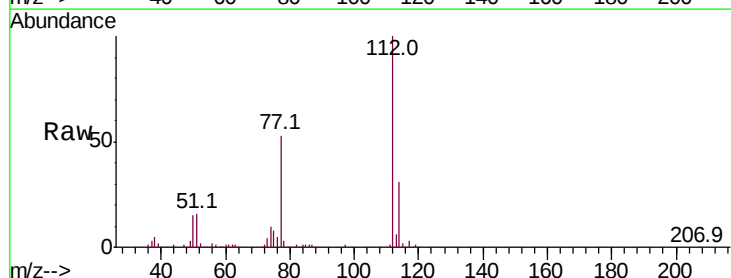
Acq: 23 Oct 2020 14:42

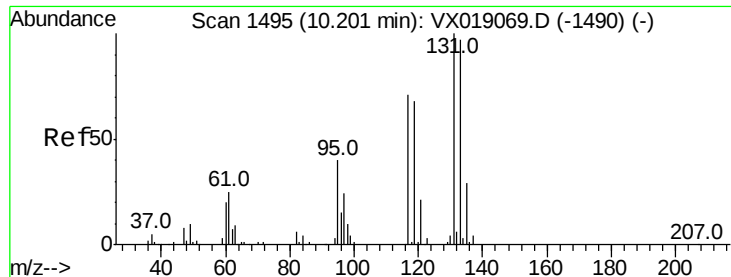
Tgt Ion: 112 Resp: 133512

Ion Ratio Lower Upper

112 100

114 30.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.712 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

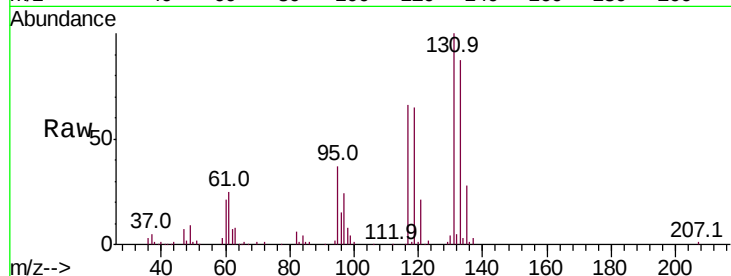
Tot Ion:131 Resp: 47961

Ion Ratio Lower Upper

131 100

133 94.2 0.0 191.6

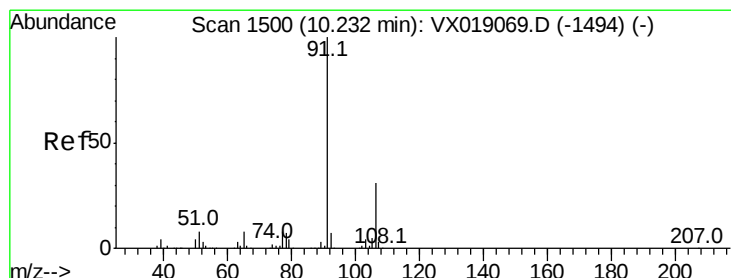
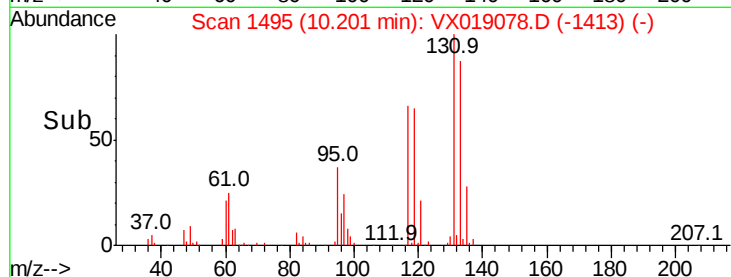
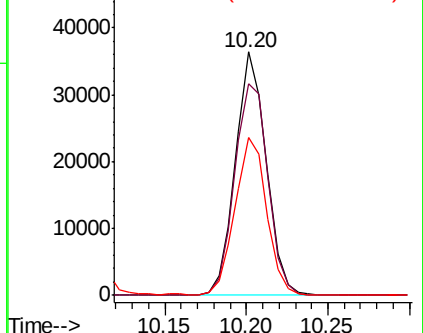
119 66.3 0.0 130.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.674 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019078.D

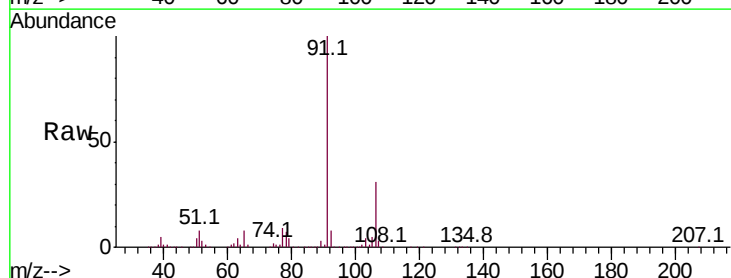
Acq: 23 Oct 2020 14:42

Tgt Ion: 91 Resp: 232108

Ion Ratio Lower Upper

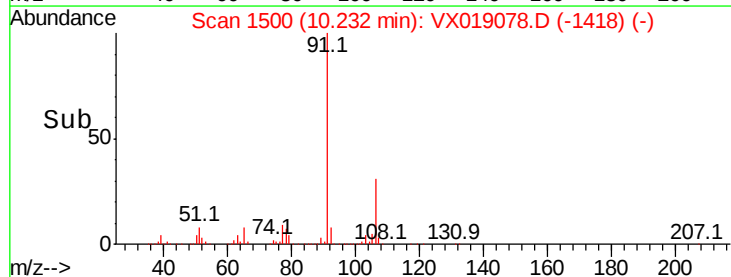
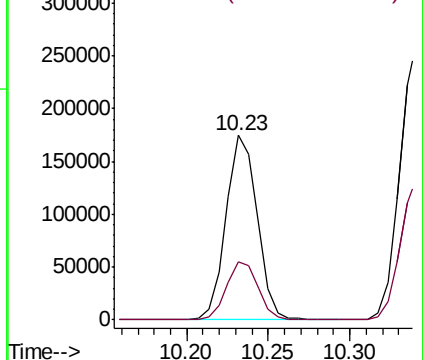
91 100

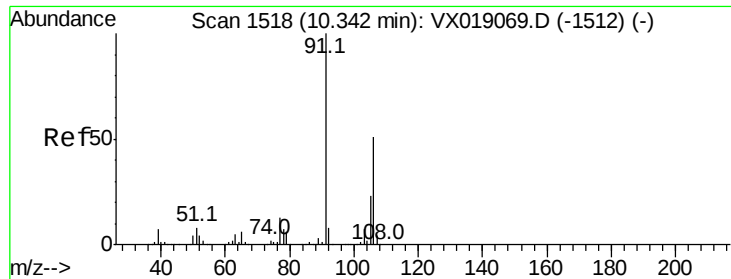
106 31.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.689 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

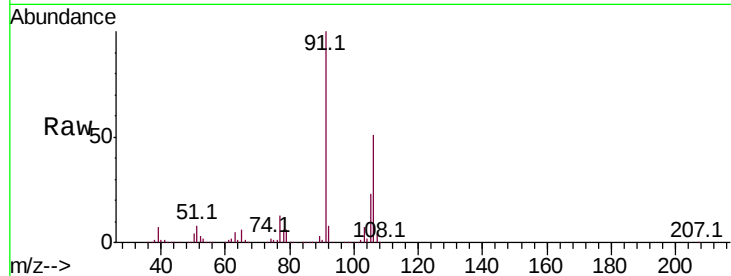
VX1023WBSD01

Tot Ion:106 Resp: 178650

Ion Ratio Lower Upper

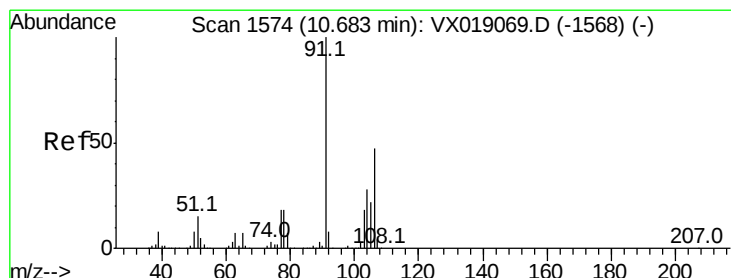
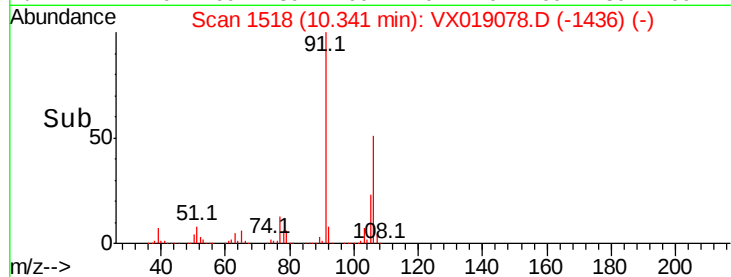
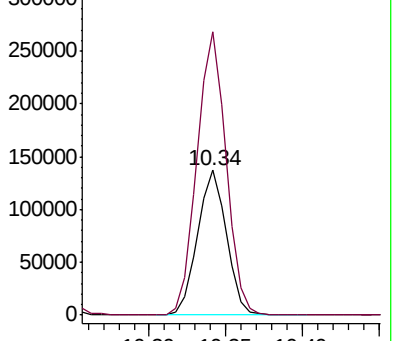
106 100

91 198.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.627 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019078.D

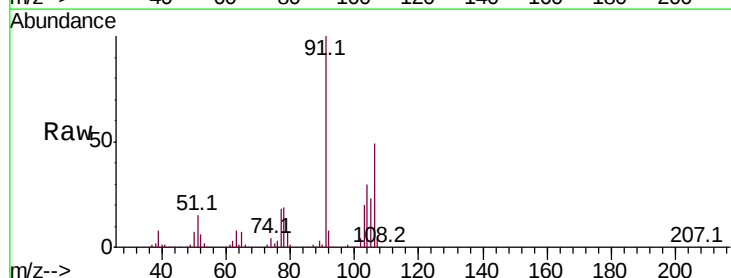
Acq: 23 Oct 2020 14:42

Tgt Ion:106 Resp: 84208

Ion Ratio Lower Upper

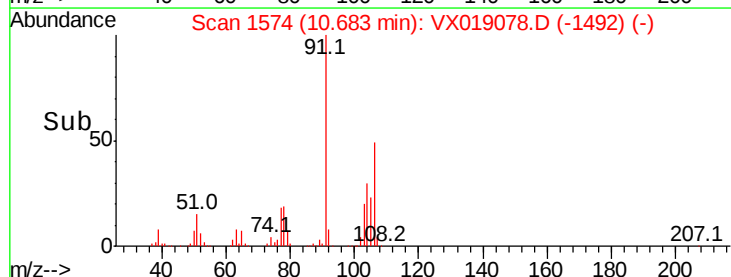
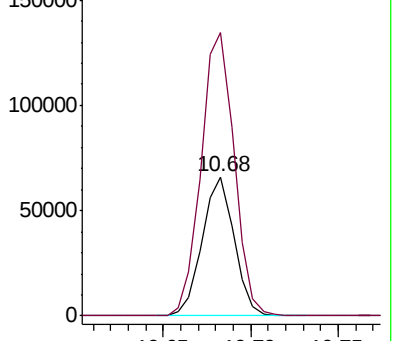
106 100

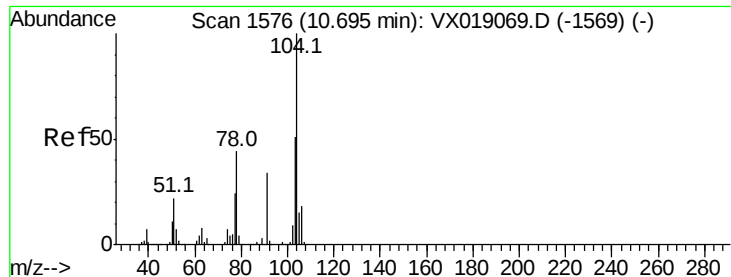
91 210.6 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.921 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

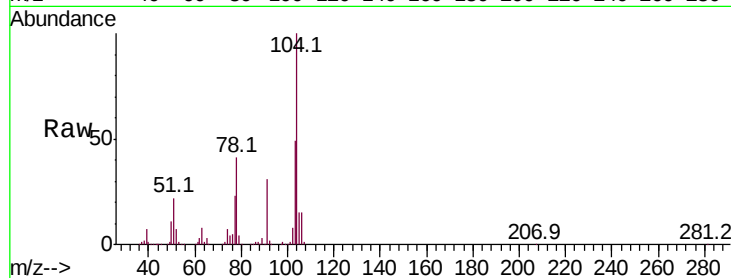
Tot Ion:104 Resp: 144118

Ion Ratio Lower Upper

104 100

78 47.0 38.6 58.0

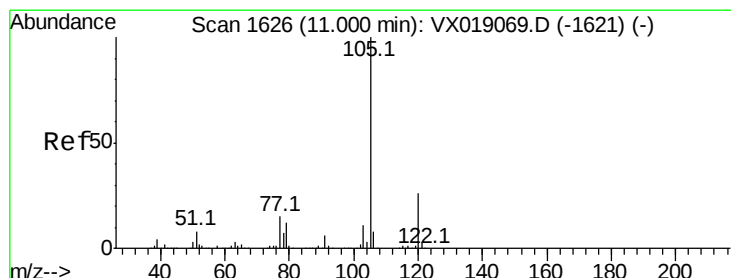
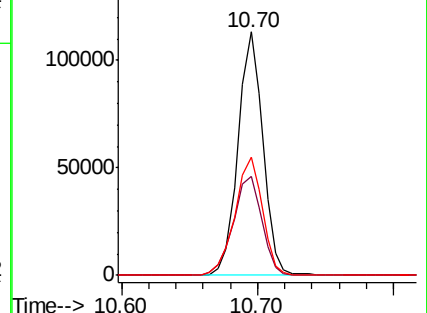
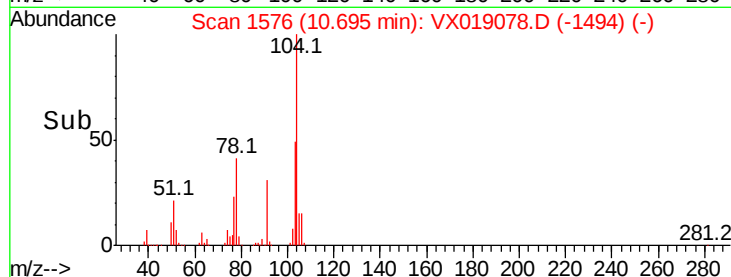
103 53.7 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.739 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019078.D

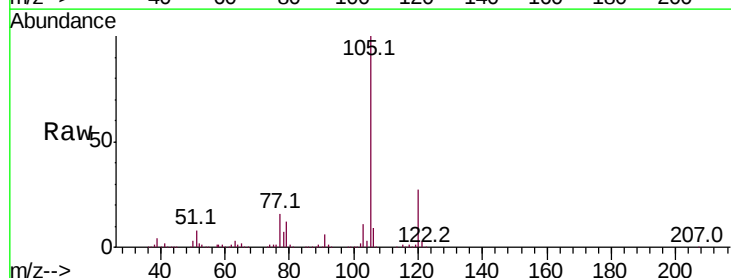
Acq: 23 Oct 2020 14:42

Tgt Ion:105 Resp: 227780

Ion Ratio Lower Upper

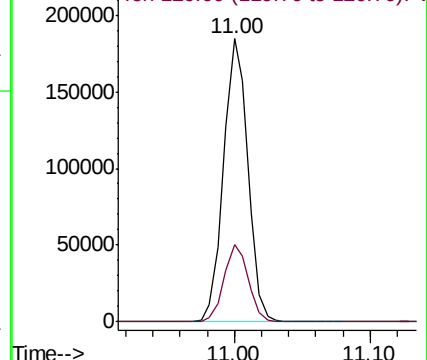
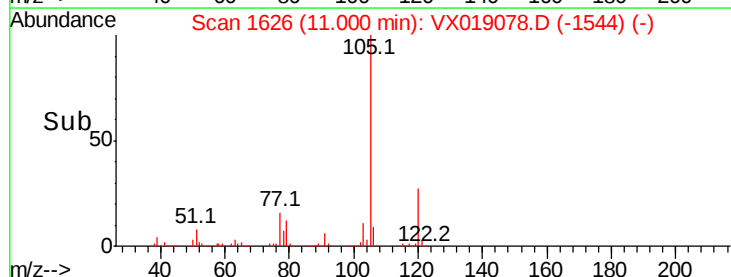
105 100

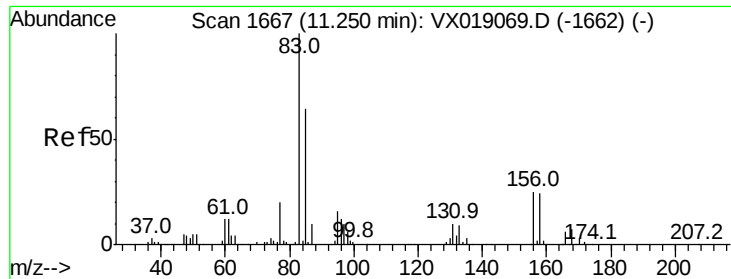
120 27.3 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.794 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampled :

VX1023WBSD01

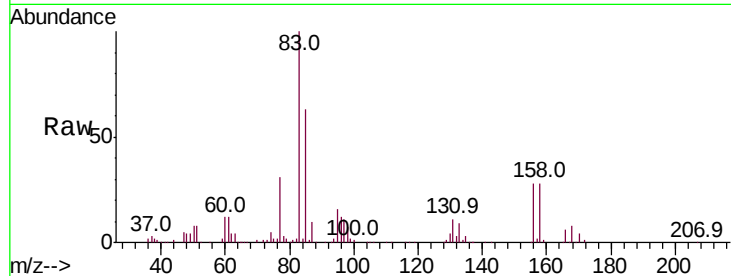
Tot Ion: 83 Resp: 69463

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

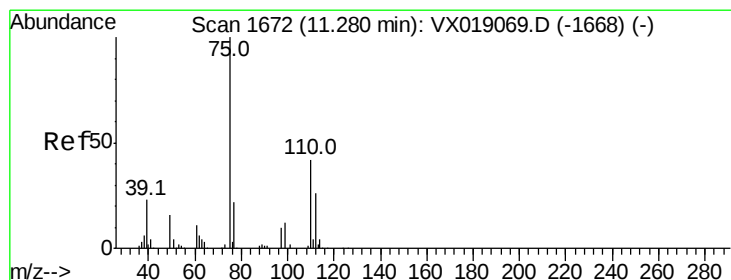
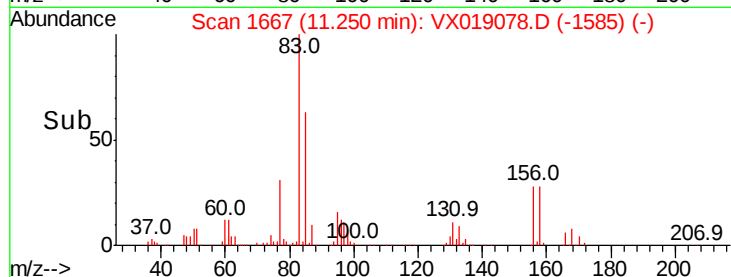
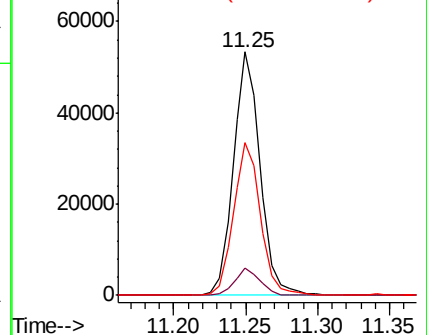
85 63.2 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.360 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019078.D

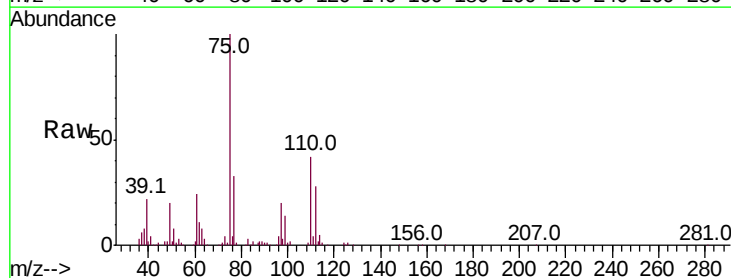
Acq: 23 Oct 2020 14:42

Tgt Ion: 75 Resp: 83186

Ion Ratio Lower Upper

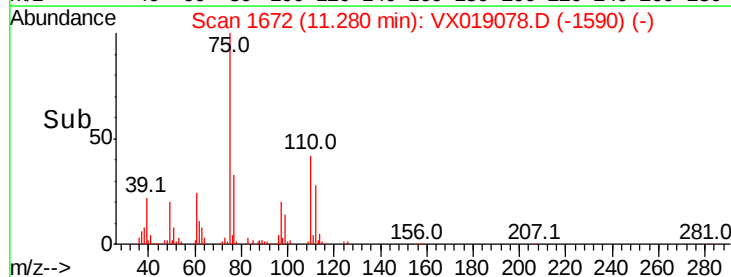
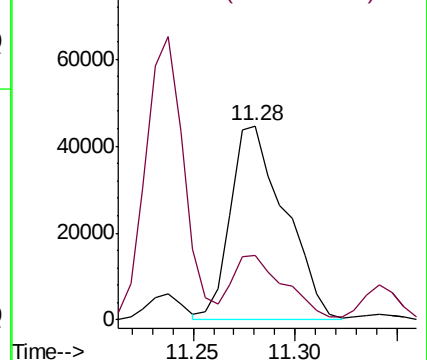
75 100

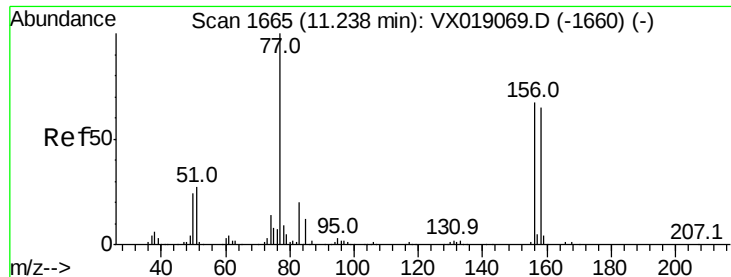
77 31.8 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.016 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

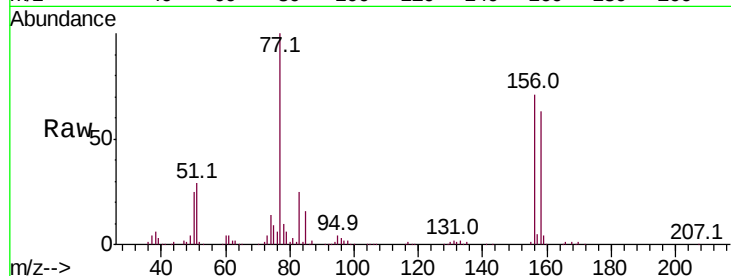
Tot Ion:156 Resp: 56491

Ion Ratio Lower Upper

156 100

77 150.1 0.0 299.6

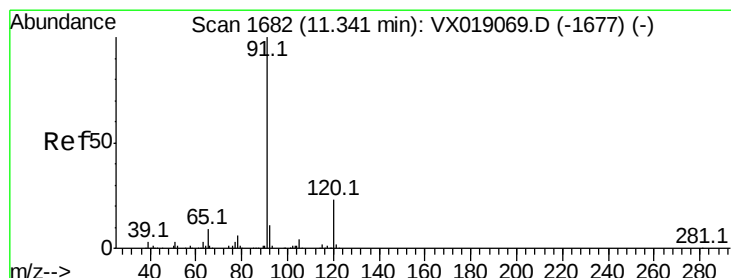
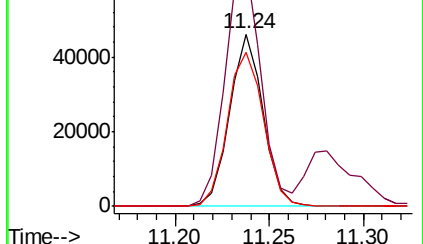
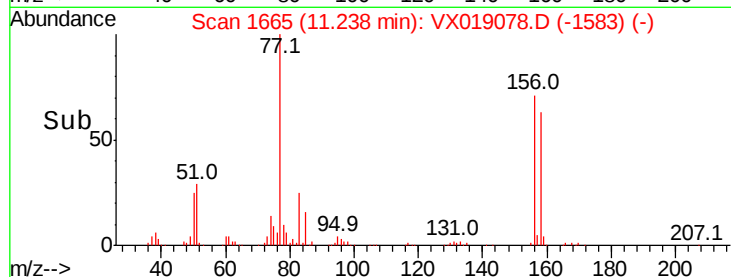
158 96.9 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.284 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019078.D

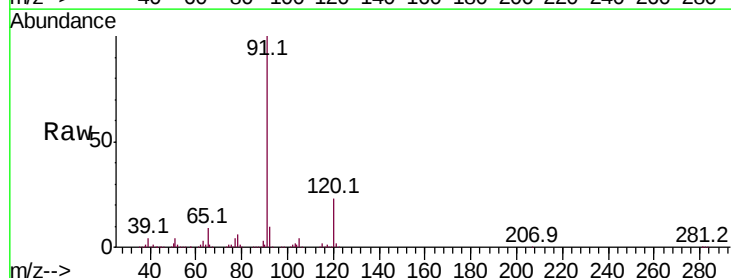
Acq: 23 Oct 2020 14:42

Tgt Ion: 91 Resp: 265416

Ion Ratio Lower Upper

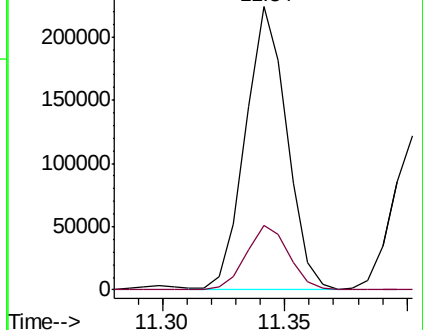
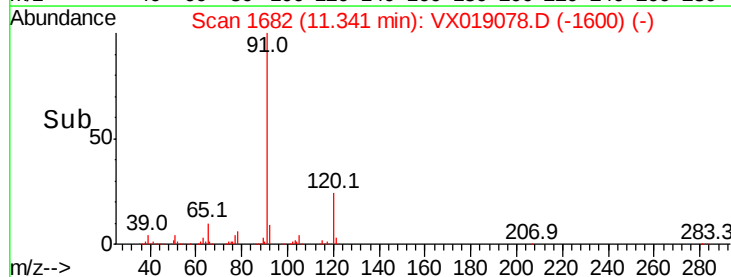
91 100

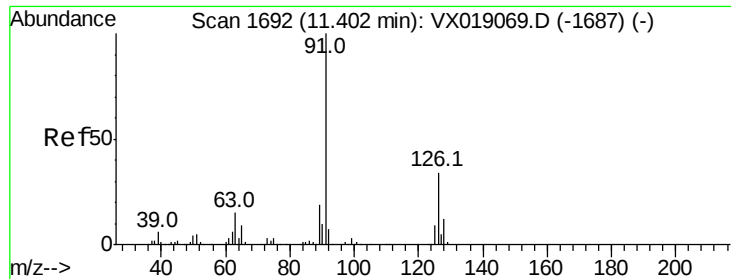
120 23.4 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.559 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampled :

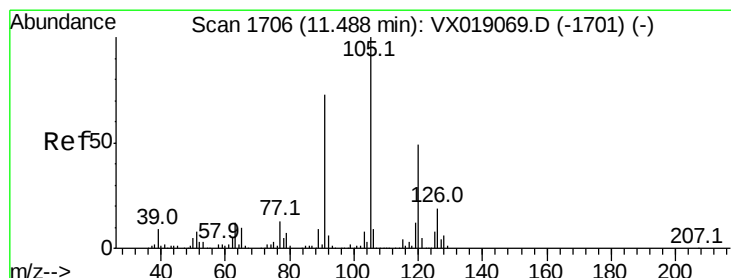
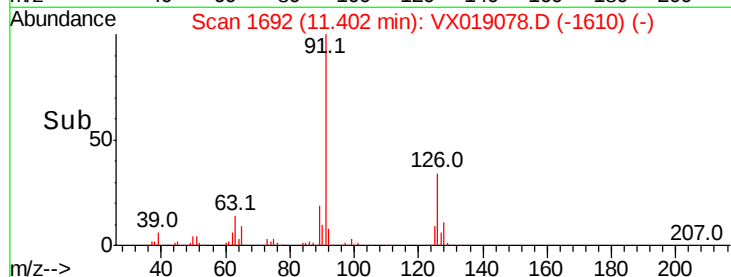
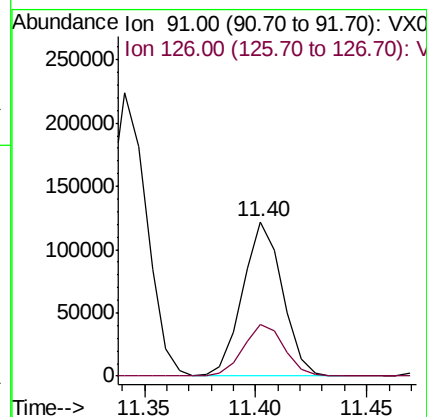
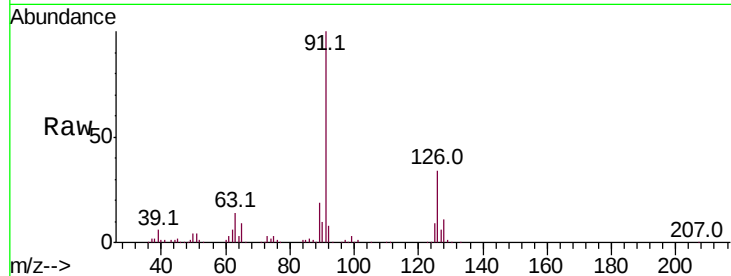
VX1023WBSD01

Tot Ion: 91 Resp: 152276

Ion Ratio Lower Upper

91 100

126 34.3 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.145 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019078.D

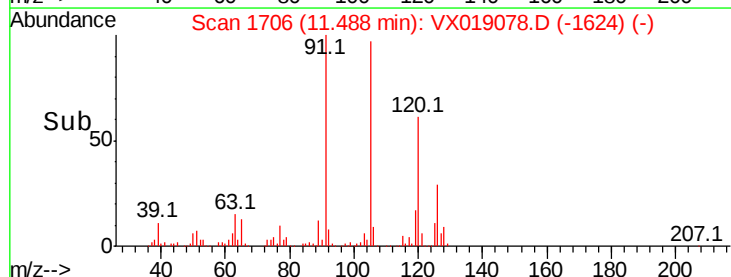
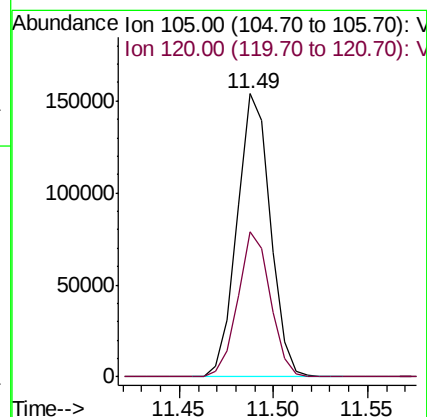
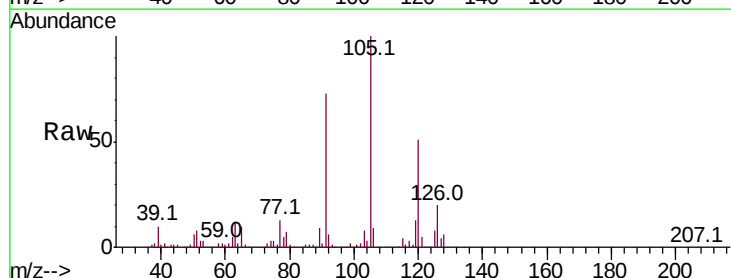
Acq: 23 Oct 2020 14:42

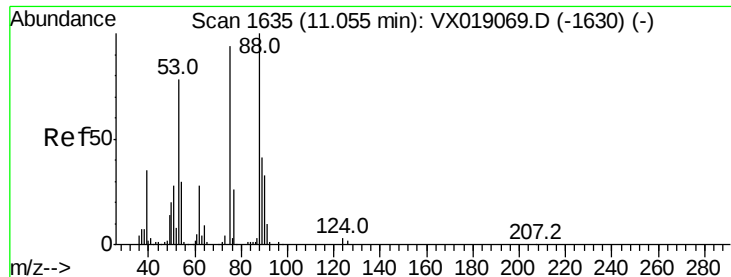
Tgt Ion: 105 Resp: 188844

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 18.557 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampled :

VX1023WBSD01

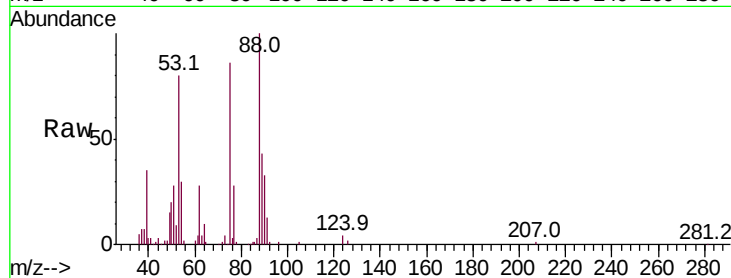
Tot Ion: 75 Resp: 23257

Ion Ratio Lower Upper

75 100

53 93.0 41.6 124.8

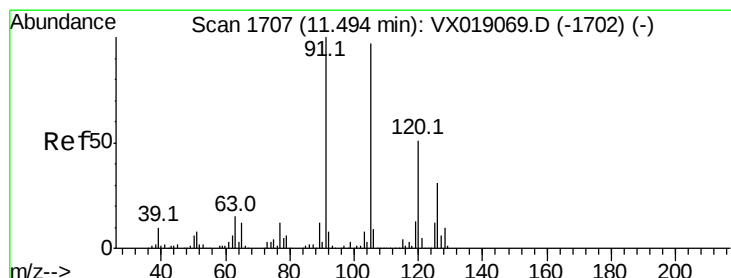
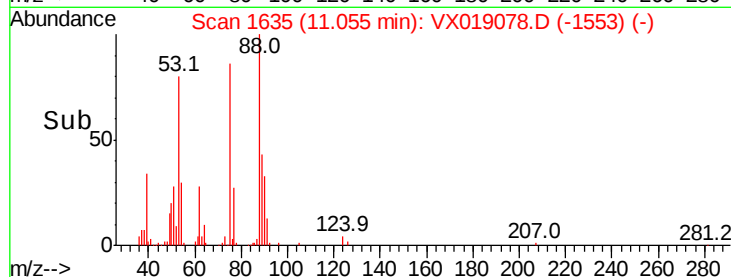
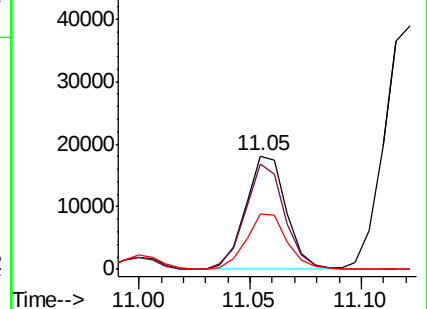
89 49.0 21.8 65.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.385 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019078.D

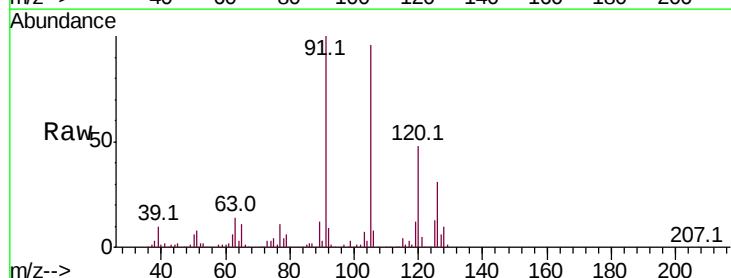
Acq: 23 Oct 2020 14:42

Tgt Ion: 91 Resp: 177353

Ion Ratio Lower Upper

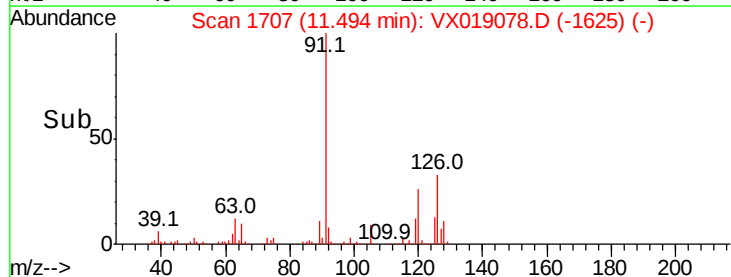
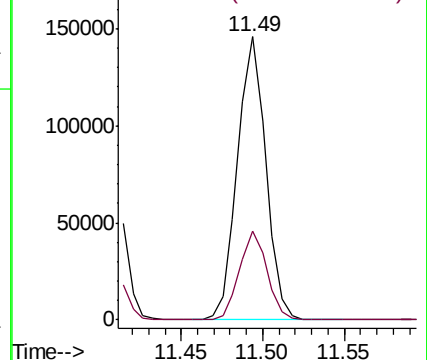
91 100

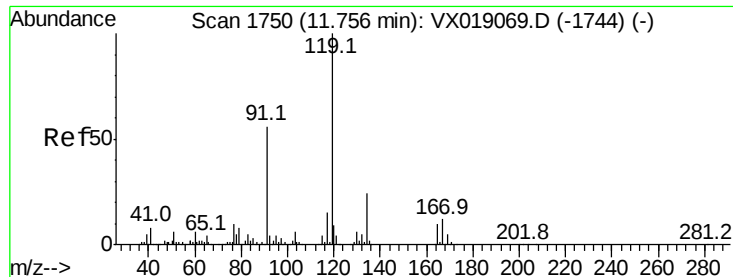
126 30.5 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

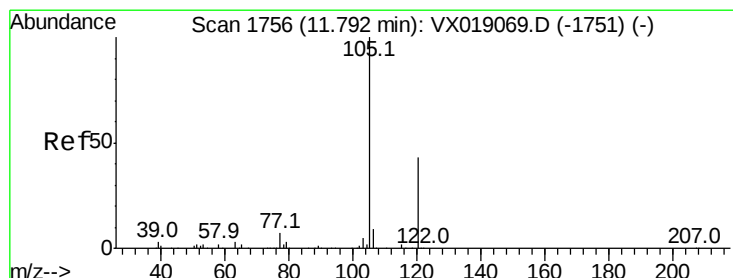
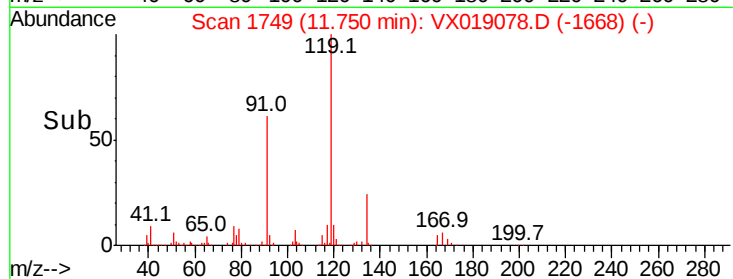
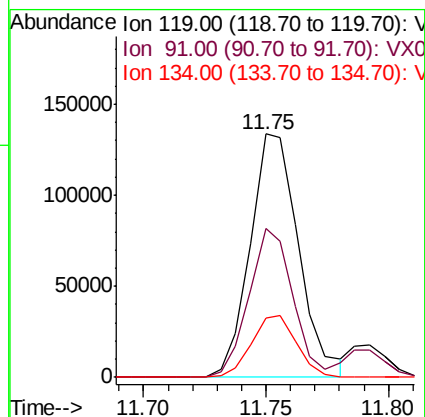
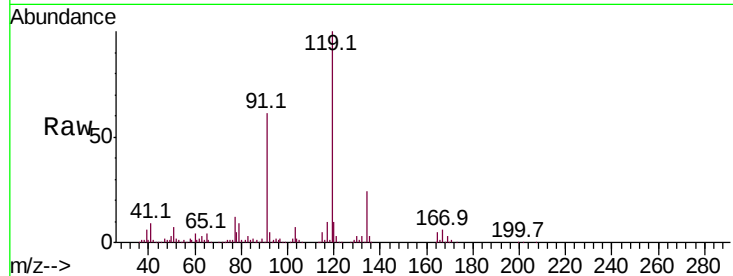




#79
tert-butylbenzene
Concen: 19.127 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

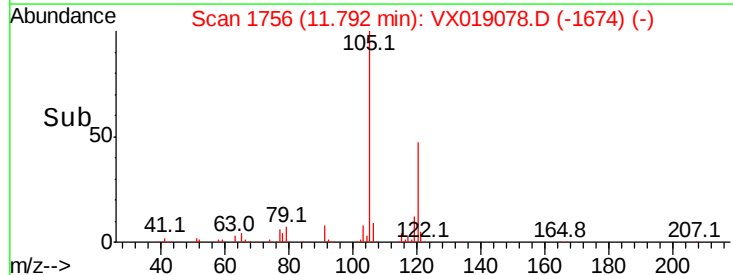
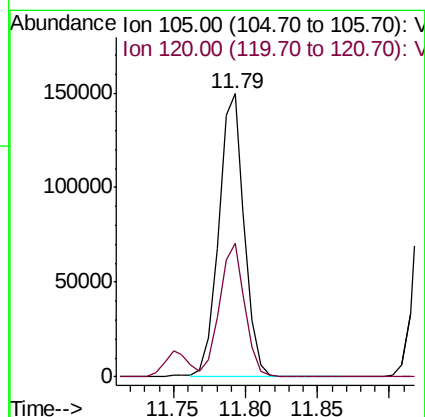
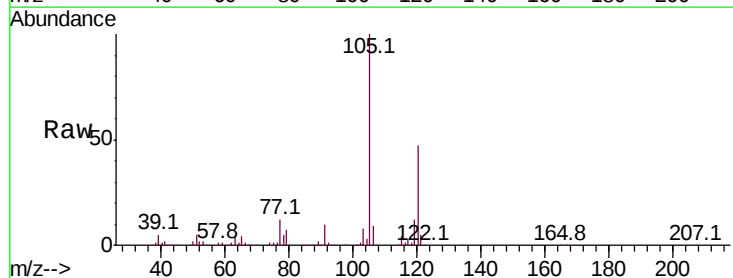
Instrument :
MSVOA_X
ClientSampled :
VX1023WBSD01

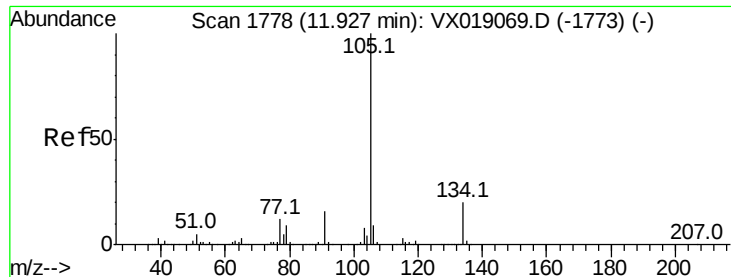
Tot Ion:119 Resp: 185780
Ion Ratio Lower Upper
119 100
91 55.0 0.0 111.4
134 23.6 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.877 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion:105 Resp: 185092
Ion Ratio Lower Upper
105 100
120 46.8 0.0 92.0





#81

sec-Butylbenzene

Concen: 19.550 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

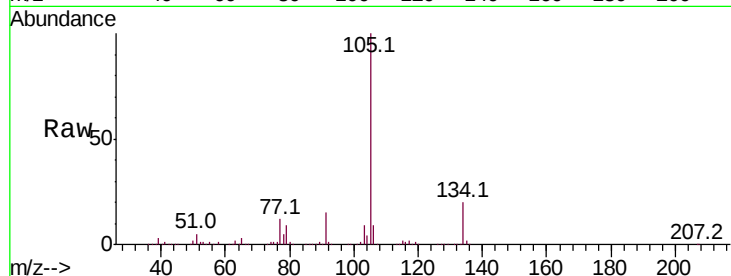
VX1023WBSD01

Tot Ion:105 Resp: 224690

Ion Ratio Lower Upper

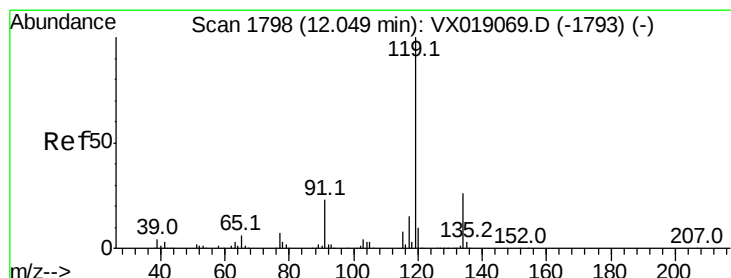
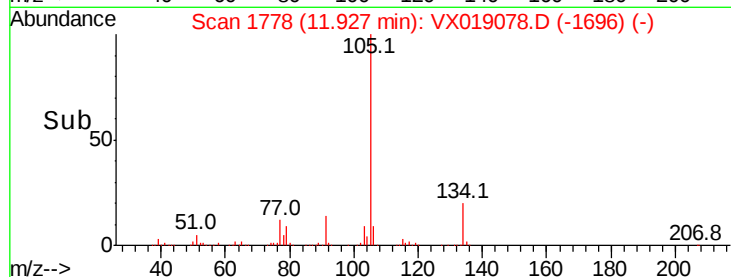
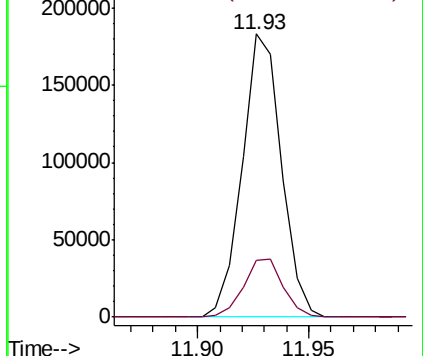
105 100

134 20.8 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.319 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

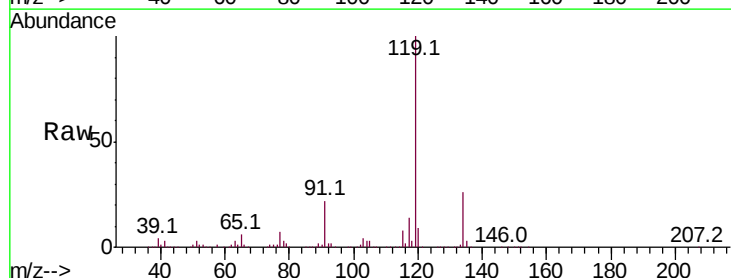
Tgt Ion:119 Resp: 204635

Ion Ratio Lower Upper

119 100

134 26.1 0.0 52.0

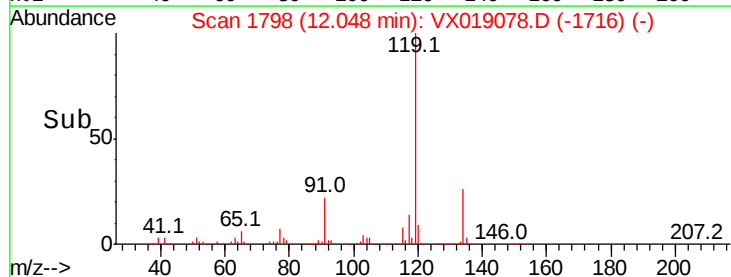
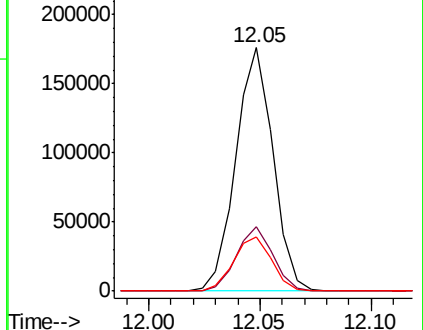
91 22.9 0.0 45.6

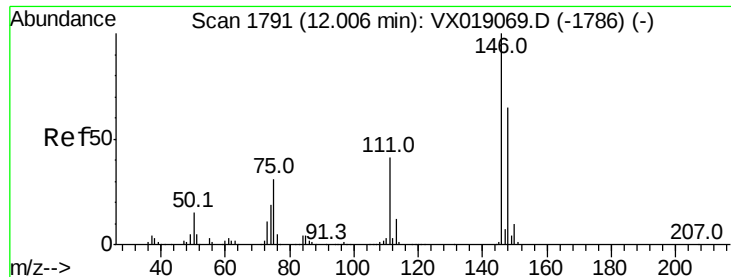


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

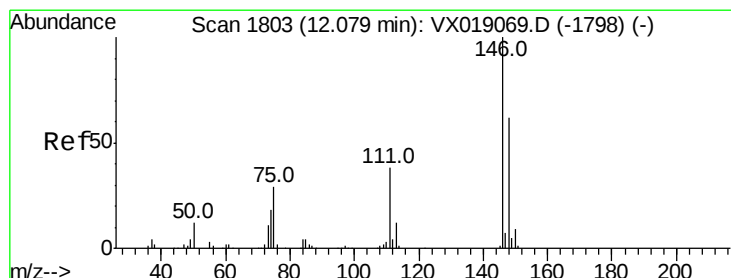
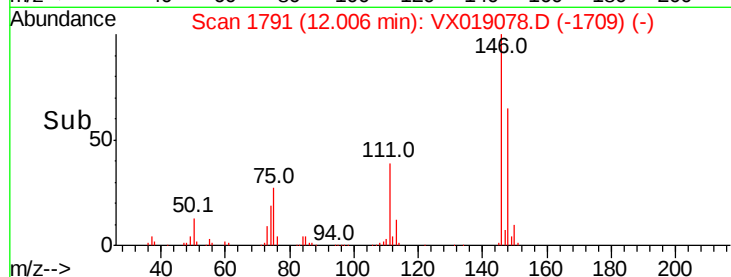
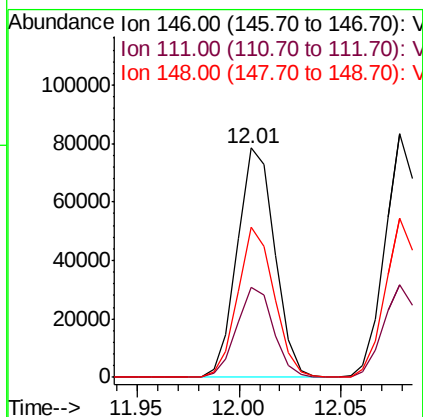
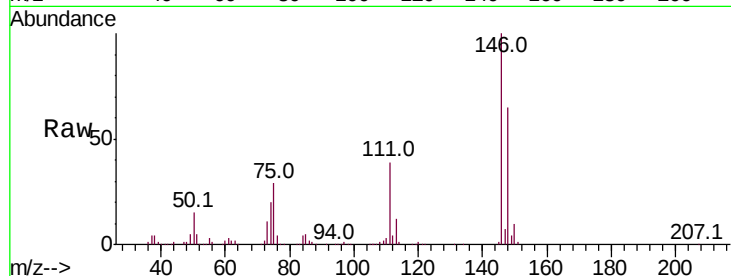




#83
 1,3-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

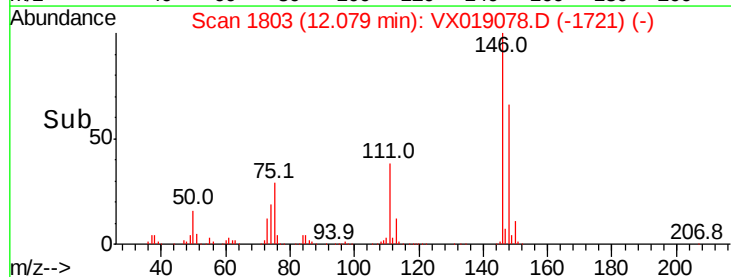
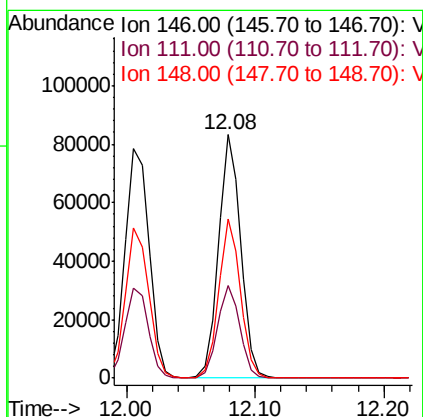
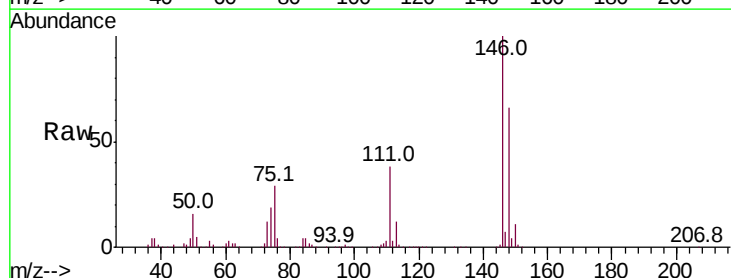
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

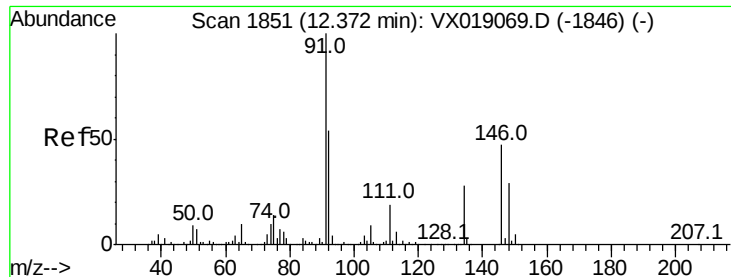
Tot Ion:146 Resp: 100263
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.0 59.9
 148 63.4 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.870 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion:146 Resp: 101730
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 63.7 31.6 95.0

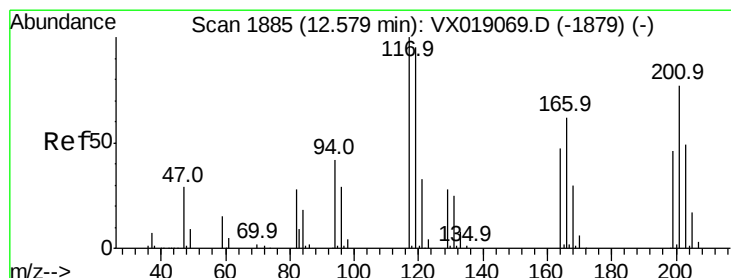
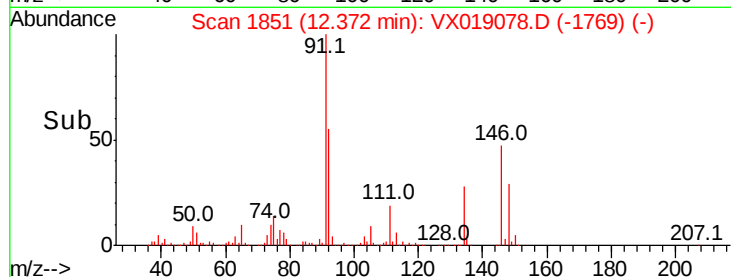
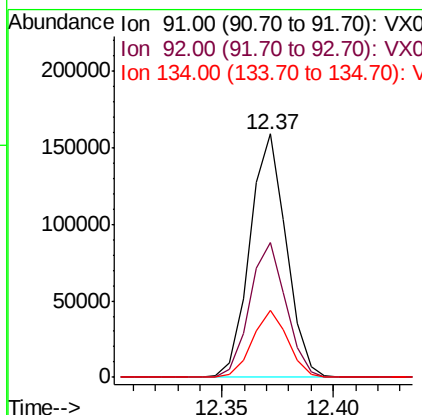
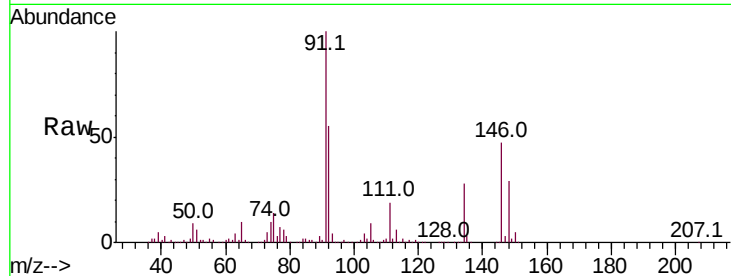




#85
n-Butylbenzene
Concen: 19.119 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

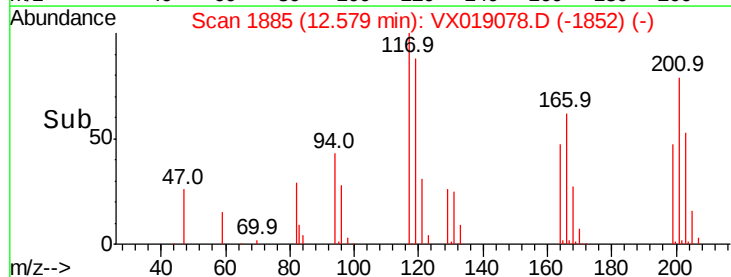
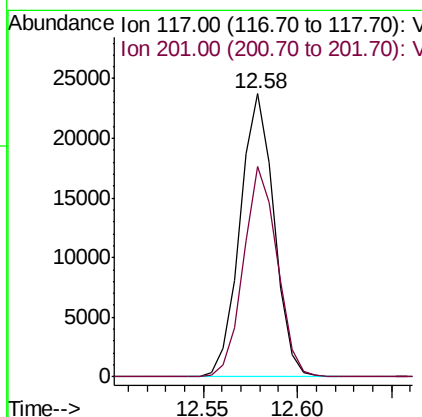
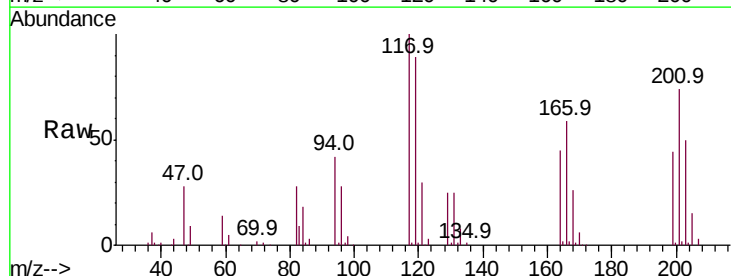
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBSD01

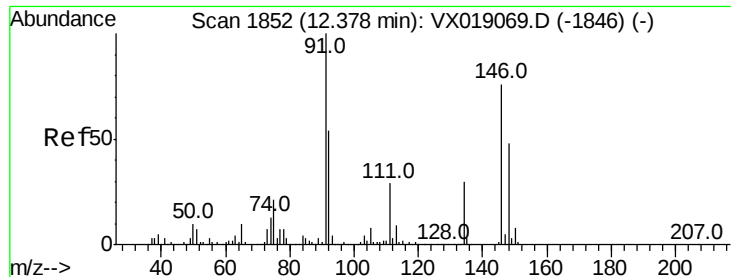
Tot Ion: 91 Resp: 181324
Ion Ratio Lower Upper
91 100
92 55.0 0.0 107.4
134 26.7 0.0 54.6



#86
Hexachloroethane
Concen: 18.227 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019078.D
Acq: 23 Oct 2020 14:42

Tgt Ion: 117 Resp: 29654
Ion Ratio Lower Upper
117 100
201 73.9 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 19.111 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

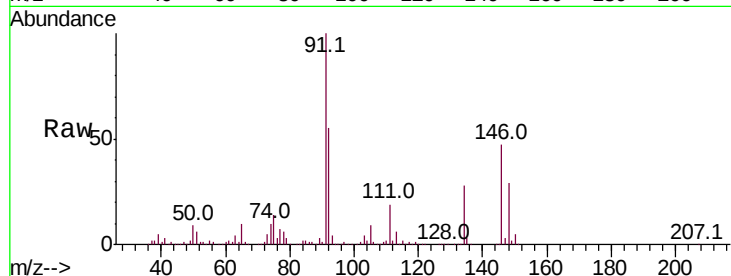
Tot Ion:146 Resp: 97145

Ion Ratio Lower Upper

146 100

111 40.3 20.3 61.0

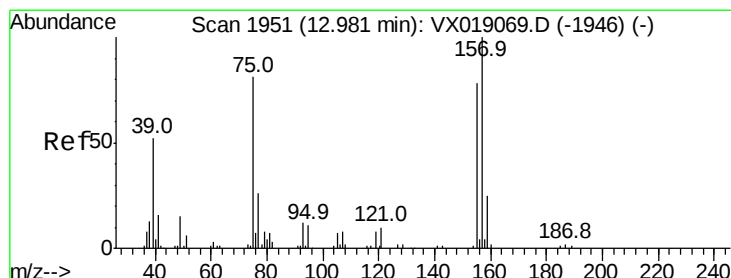
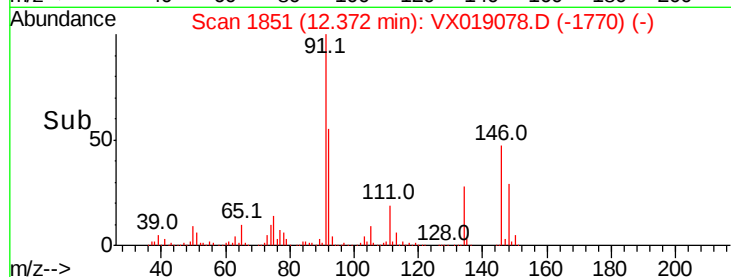
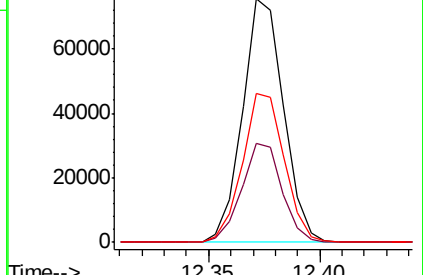
148 62.3 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.805 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

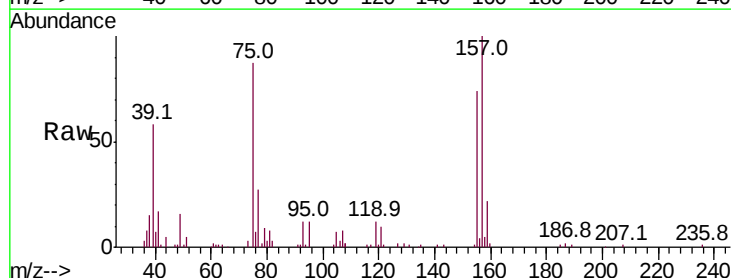
Tgt Ion: 75 Resp: 14936

Ion Ratio Lower Upper

75 100

155 91.2 73.7 110.5

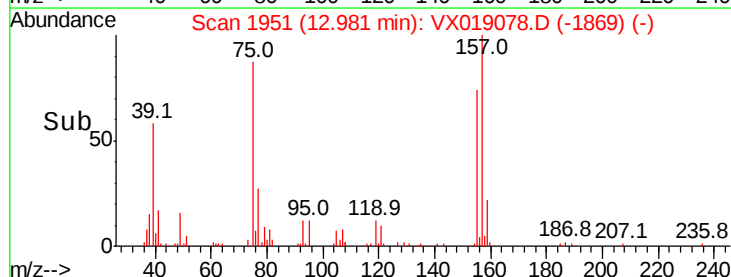
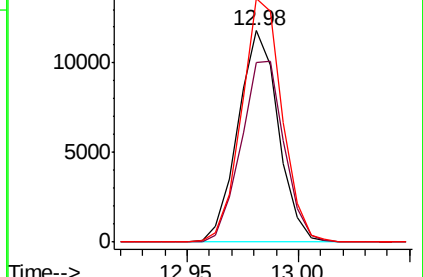
157 115.7 96.5 144.7

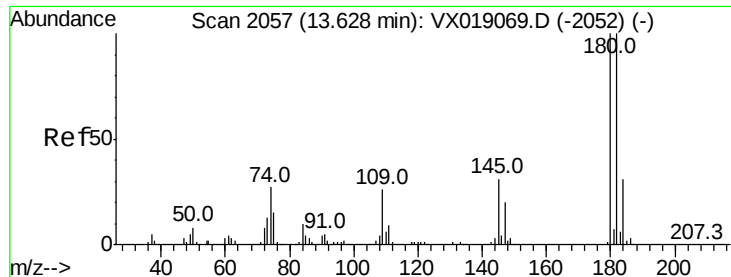


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

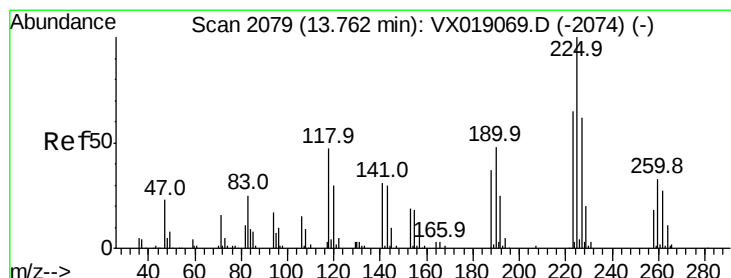
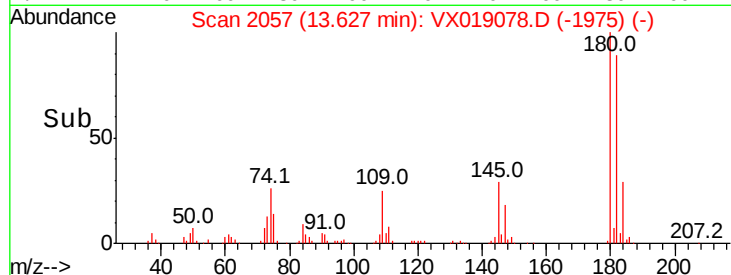
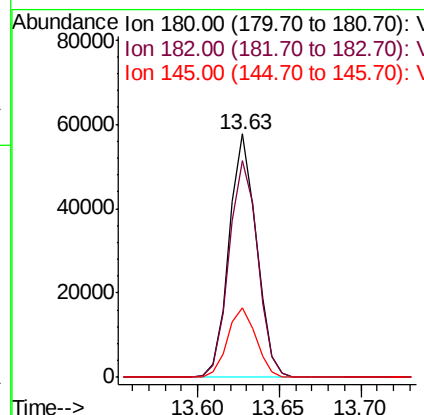
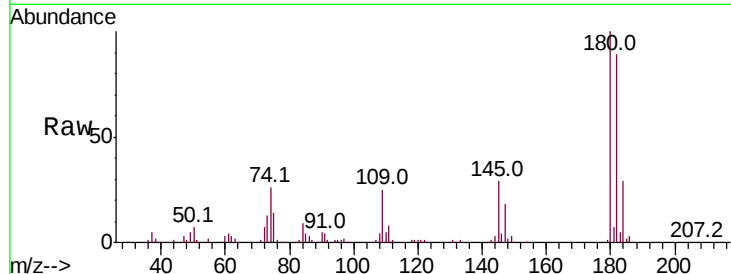




#89
 1,2,4-Trichlorobenzene
 Concen: 18.427 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

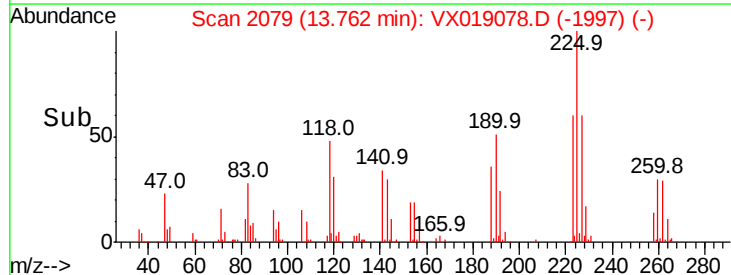
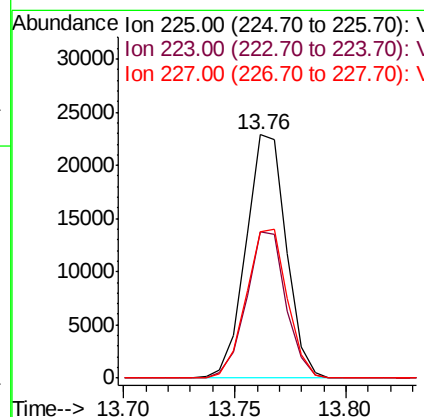
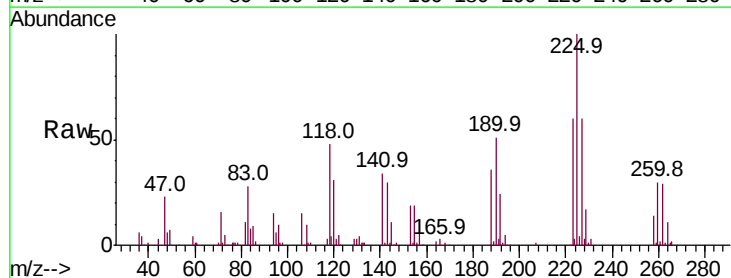
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBSD01

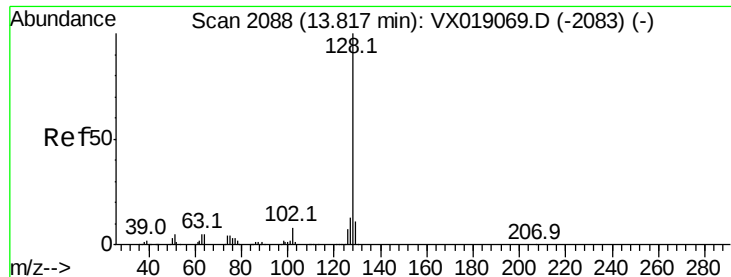
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.5	114.7
145	29.6	24.2	36.4



#90
 Hexachlorobutadiene
 Concen: 18.663 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019078.D
 Acq: 23 Oct 2020 14:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.0	0.0	130.0
227	61.9	0.0	128.6





#91

Naphthalene

Concen: 18.312 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBSD01

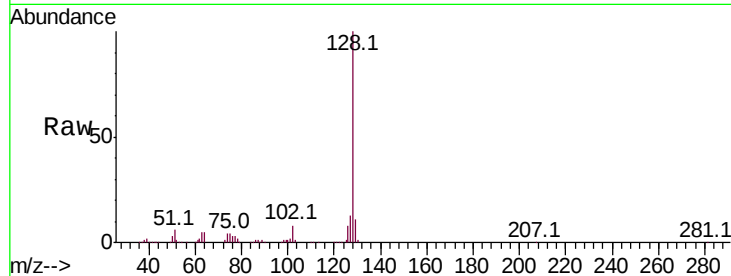
Tot Ion:128 Resp: 219281

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

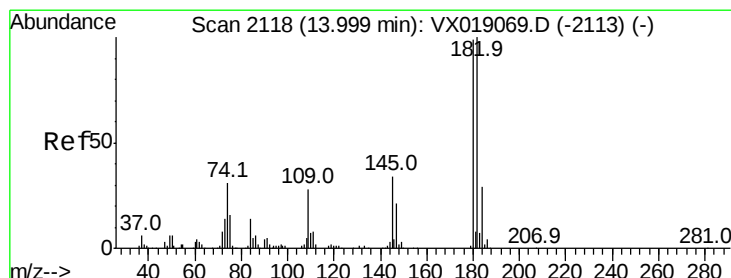
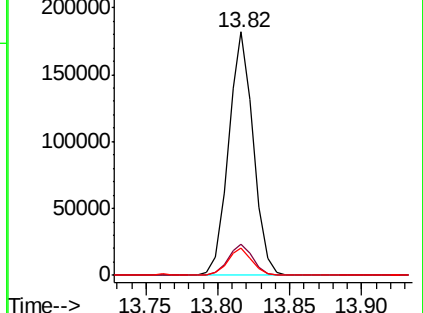
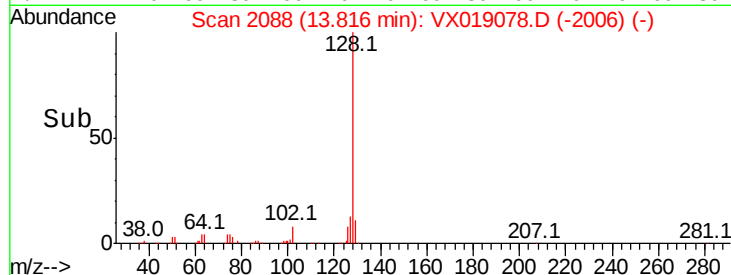
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.828 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019078.D

Acq: 23 Oct 2020 14:42

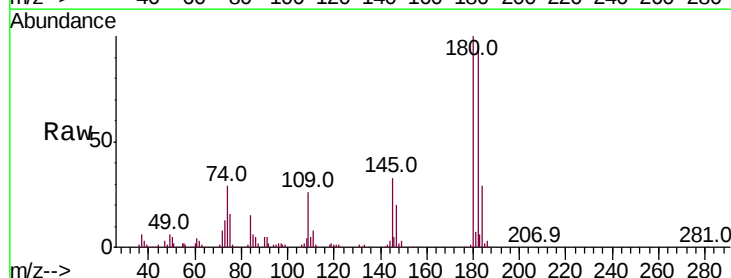
Tgt Ion:180 Resp: 66254

Ion Ratio Lower Upper

180 100

182 90.2 0.0 192.4

145 32.0 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

