

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019568.D
 Acq On : 23 Nov 2020 22:52
 Operator : JC/MD
 Sample : VX1123WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

Quant Time: Nov 24 04:59:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	472985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193069	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	180792	50.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.00%	
35) Dibromofluoromethane		5.46	113	146991	49.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.02%	
50) Toluene-d8		8.70	98	540366	46.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.68%	
62) 4-Bromofluorobenzene		11.12	95	195508	47.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	50131	18.671	ug/l	98
3) Chloromethane	1.31	50	52289	16.971	ug/l	98
4) Vinyl Chloride	1.39	62	60742	18.314	ug/l	99
5) Bromomethane	1.62	94	22465	17.882	ug/l	96
6) Chloroethane	1.70	64	22721	26.096	ug/l	95
7) Trichlorofluoromethane	1.90	101	91776	19.171	ug/l	95
8) Diethyl Ether	2.17	74	38146	19.897	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50446	18.889	ug/l	98
10) Methyl Iodide	2.48	142	62831	17.908	ug/l	100
11) Tert butyl alcohol	3.04	59	70116	103.490	ug/l	99
12) 1,1-Dichloroethene	2.35	96	52614	19.194	ug/l	96
13) Acrolein	2.28	56	33483	73.521	ug/l	99
14) Allyl chloride	2.70	41	75803	17.652	ug/l	97
15) Acrylonitrile	3.12	53	150616	94.264	ug/l	99
16) Acetone	2.42	43	124355	89.823	ug/l	100
17) Carbon Disulfide	2.54	76	123626	16.787	ug/l	99
18) Methyl Acetate	2.75	43	66397	19.946	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	192743	20.370	ug/l	95
20) Methylene Chloride	2.83	84	61431	17.753	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	58120	18.714	ug/l	94
22) Diisopropyl ether	3.82	45	174155	19.604	ug/l	98
23) Vinyl Acetate	3.78	43	729888	97.953	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104725	19.273	ug/l	99
25) 2-Butanone	4.64	43	193191	92.894	ug/l	98
26) 2,2-Dichloropropane	4.54	77	77663	16.375	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	70103	19.650	ug/l	97
28) Bromochloromethane	4.98	49	46049	17.726	ug/l	95
29) Tetrahydrofuran	5.09	42	123847	93.332	ug/l	97
30) Chloroform	5.18	83	110698	19.483	ug/l	98
31) Cyclohexane	5.54	56	86932	18.670	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	96458	19.764	ug/l	99
36) 1,1-Dichloropropene	5.76	75	80349	18.120	ug/l	99
37) Ethyl Acetate	4.79	43	78054	18.750	ug/l	98
38) Carbon Tetrachloride	5.75	117	79421	18.504	ug/l	95

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 ClientSampleId :
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	88992	17.236	ug/l	98
40) Benzene	6.11	78	251597	18.467	ug/l	100
41) Methacrylonitrile	5.01	41	41860	18.235	ug/l	99
42) 1,2-Dichloroethane	6.16	62	87847	18.812	ug/l	99
43) Isopropyl Acetate	6.42	43	125677	17.960	ug/l	100
44) Trichloroethene	7.18	130	76573	21.457	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61701	18.396	ug/l	97
46) Dibromomethane	7.63	93	42909	18.692	ug/l	99
47) Bromodichloromethane	7.87	83	80451	18.061	ug/l	95
48) Methyl methacrylate	7.74	41	61319	18.711	ug/l	99
49) 1,4-Dioxane	7.72	88	28825	387.378	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	378691	92.803	ug/l	99
52) Toluene	8.76	92	153916	18.467	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	85212	17.713	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96266	18.031	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61863	18.225	ug/l	97
56) Ethyl methacrylate	9.16	69	90816	18.908	ug/l	99
57) 1,3-Dichloropropane	9.35	76	105096	18.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243376	86.476	ug/l	98
59) 2-Hexanone	9.48	43	285659	92.303	ug/l	99
60) Dibromochloromethane	9.56	129	60137	18.088	ug/l	100
61) 1,2-Dibromoethane	9.65	107	64298	18.377	ug/l	98
64) Tetrachloroethene	9.32	164	56263	17.495	ug/l	97
65) Chlorobenzene	10.12	112	157907	18.772	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	58444	19.101	ug/l	99
67) Ethyl Benzene	10.23	91	281035	19.071	ug/l	98
68) m/p-Xylenes	10.34	106	208756	38.023	ug/l	100
69) o-Xylene	10.68	106	102184	19.470	ug/l	99
70) Styrene	10.70	104	170469	18.615	ug/l	99
71) Bromoform	10.84	173	40951	18.264	ug/l #	99
73) Isopropylbenzene	11.00	105	272907	20.433	ug/l	100
74) N-amyl acetate	10.88	43	102894	20.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94829	19.854	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	102801	24.398	ug/l	87
77) Bromobenzene	11.24	156	67862	19.903	ug/l	98
78) n-propylbenzene	11.34	91	298799	19.501	ug/l	100
79) 2-Chlorotoluene	11.40	91	187496	20.178	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228150	20.363	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25570	19.237	ug/l	97
82) 4-Chlorotoluene	11.49	91	213590	19.526	ug/l	99
83) tert-Butylbenzene	11.76	119	223499	20.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	227224	20.044	ug/l	99
85) sec-Butylbenzene	11.93	105	249153	19.321	ug/l	99
86) p-Isopropyltoluene	12.05	119	228608	19.526	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118394	18.908	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119463	18.522	ug/l	99
89) n-Butylbenzene	12.37	91	184851	17.464	ug/l	99
90) Hexachloroethane	12.58	117	36598	18.681	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	118817	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18772	19.265	ug/l	98

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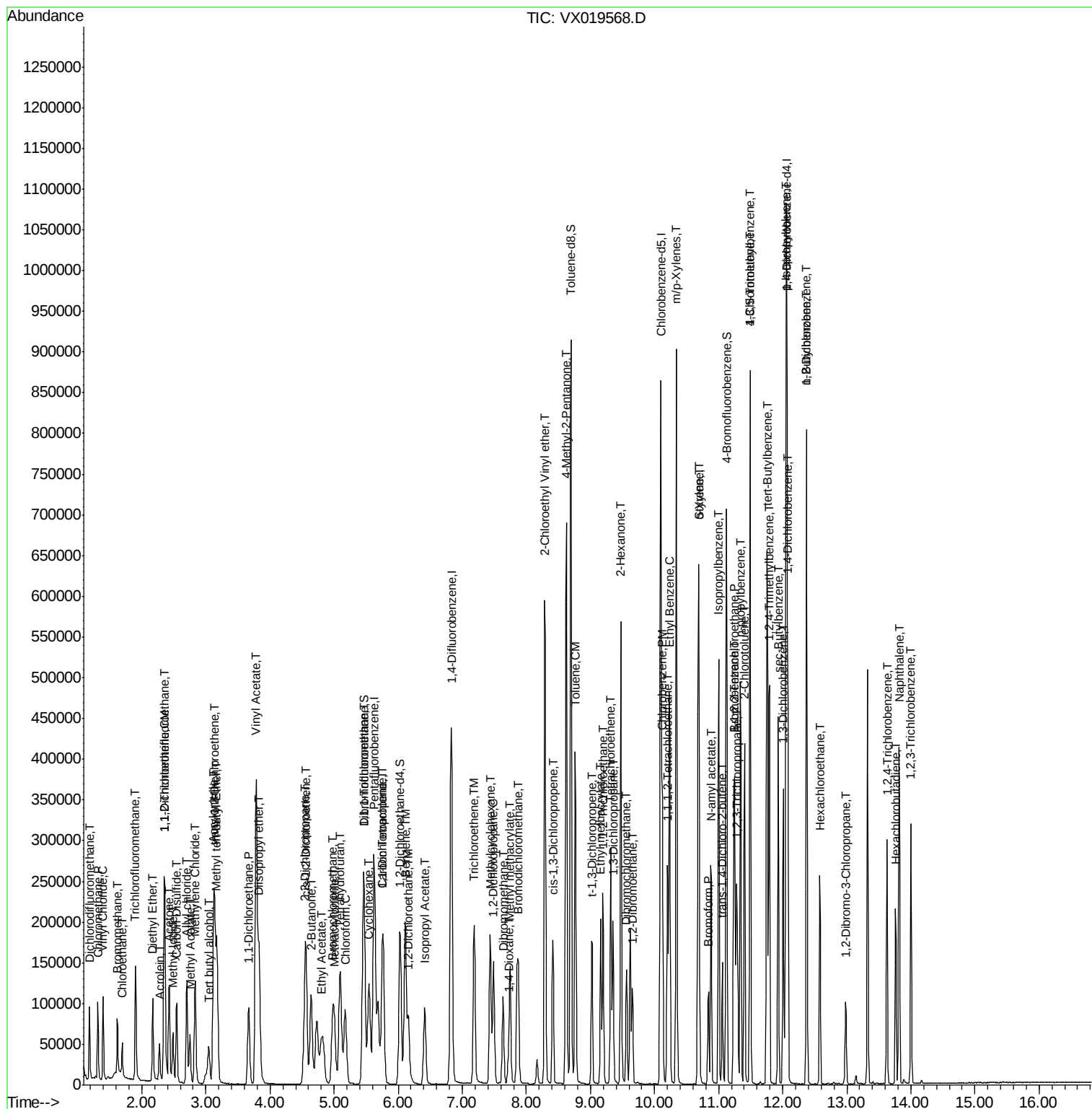
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

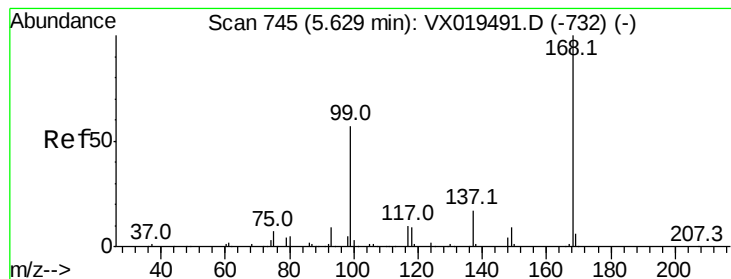
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73225	18.136	ug/l	98
94) Hexachlorobutadiene	13.76	225	31041	16.876	ug/l	96
95) Naphthalene	13.82	128	249977	18.967	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74218	18.377	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

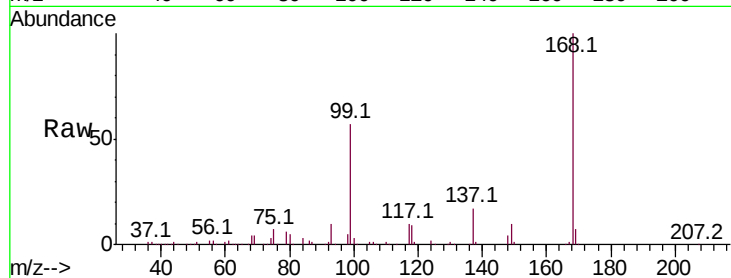
VX1123WBS02

Tot Ion:168 Resp: 276109

Ion Ratio Lower Upper

168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

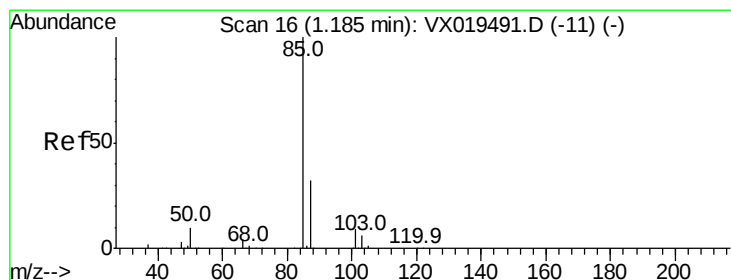
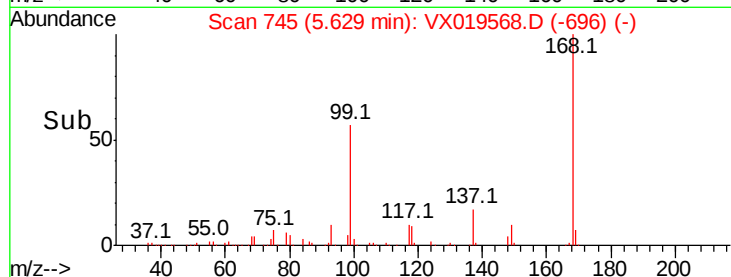
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.671 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019568.D

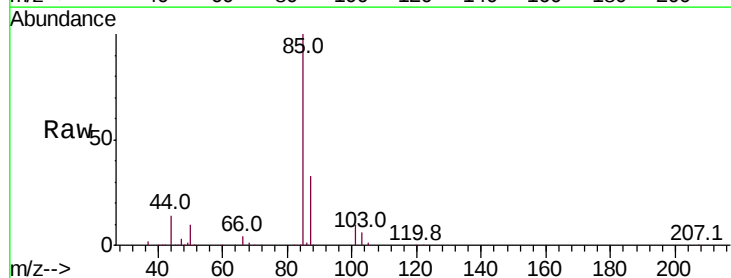
Acq: 23 Nov 2020 22:52

Tgt Ion: 85 Resp: 50131

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

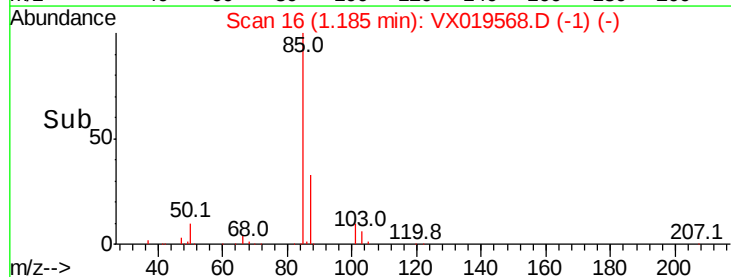
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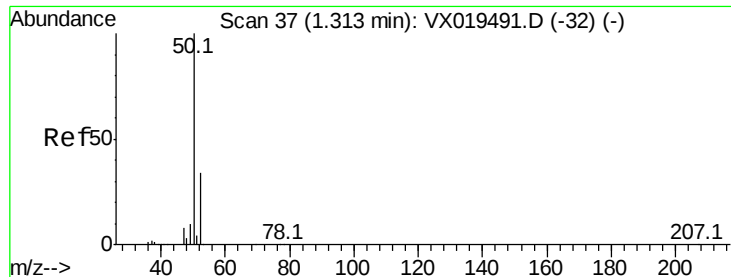
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.971 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

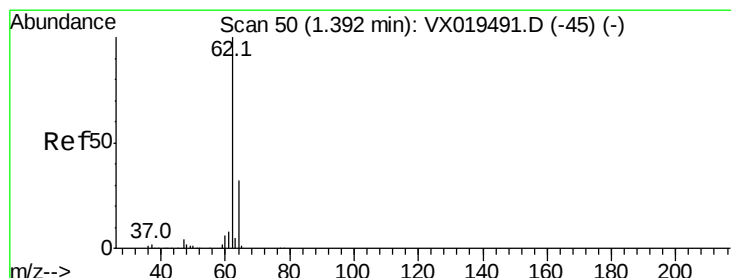
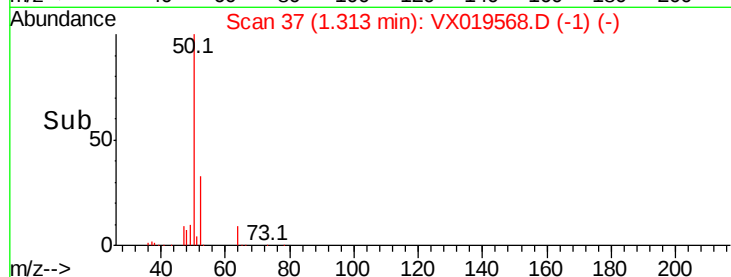
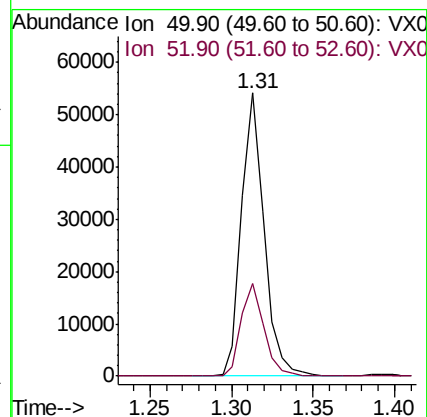
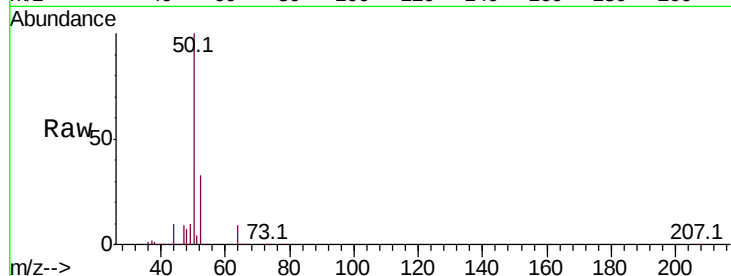
VX1123WBS02

Tot Ion: 50 Resp: 52289

Ion Ratio Lower Upper

50 100

52 32.6 27.0 40.6



#4

Vinyl Chloride

Concen: 18.314 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019568.D

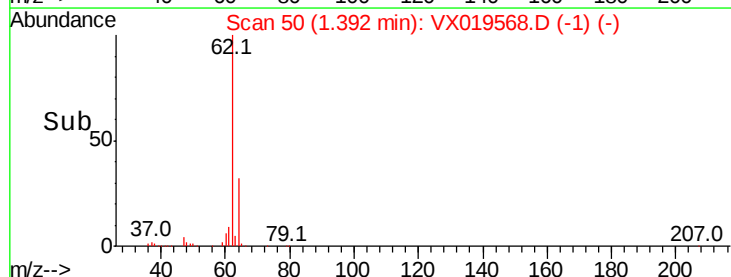
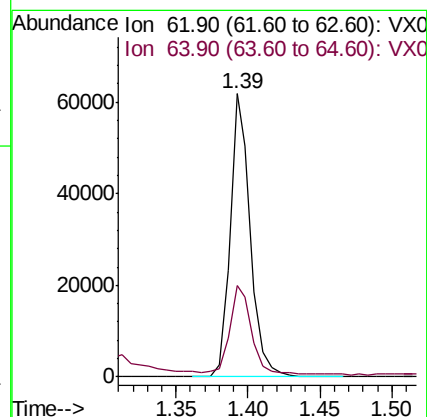
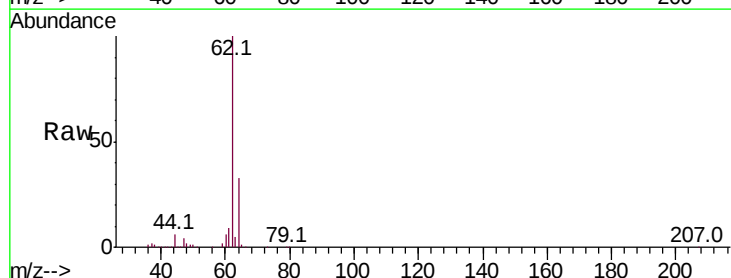
Acq: 23 Nov 2020 22:52

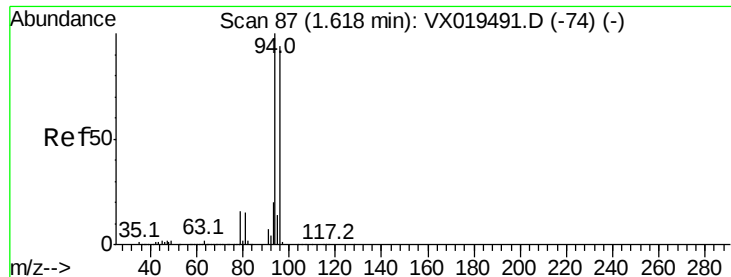
Tgt Ion: 62 Resp: 60742

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 17.882 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

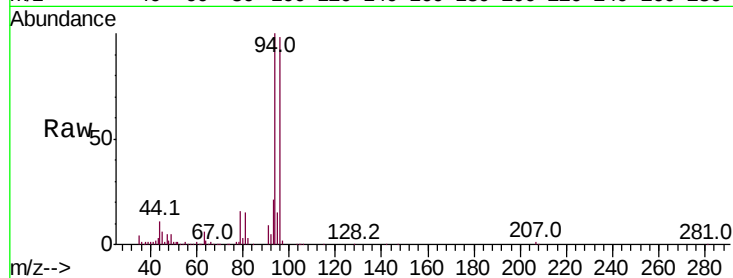
VX1123WBS02

Tot Ion: 94 Resp: 22465

Ion Ratio Lower Upper

94 100

96 98.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

25000

20000

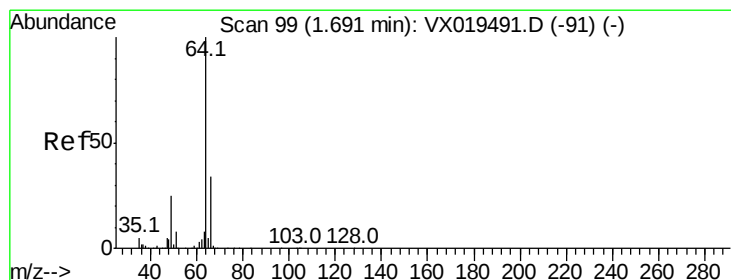
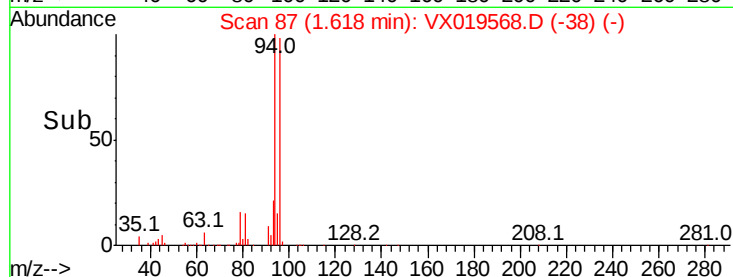
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 26.096 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019568.D

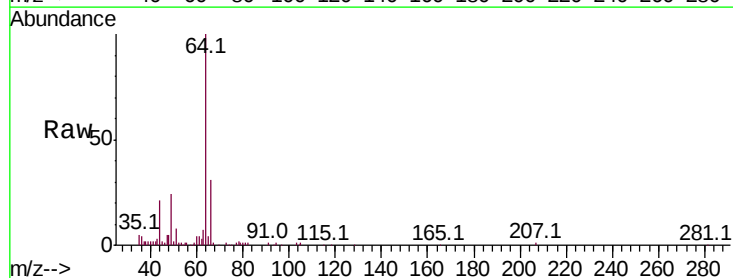
Acq: 23 Nov 2020 22:52

Tgt Ion: 64 Resp: 22721

Ion Ratio Lower Upper

64 100

66 31.2 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

20000

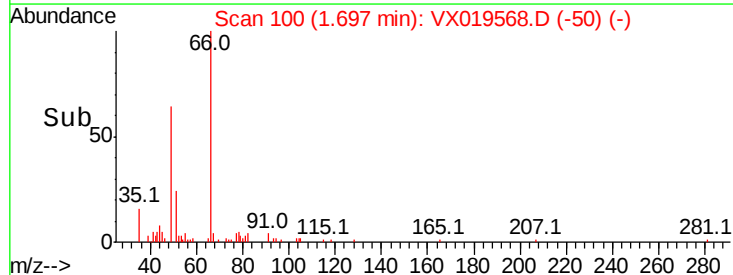
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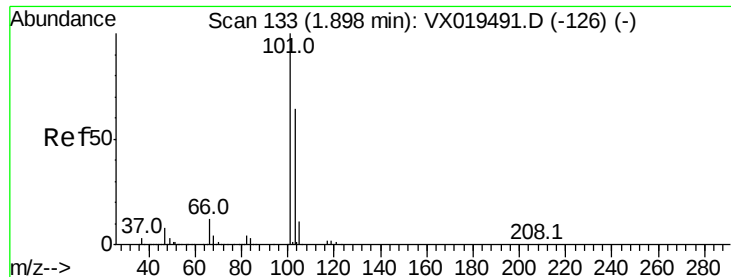
10000

5000

0

Time--> 1.65 1.70 1.75



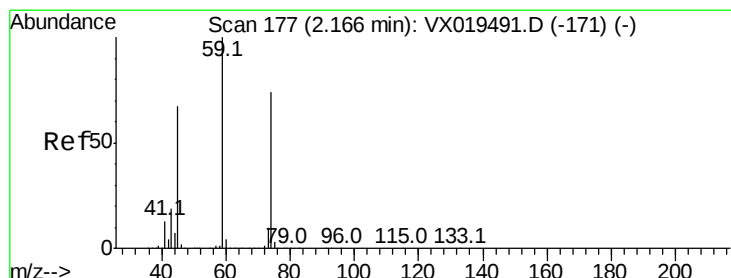
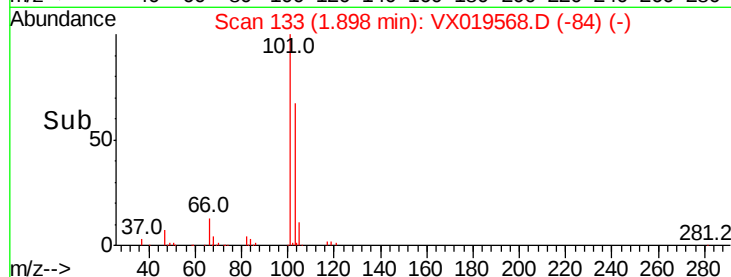
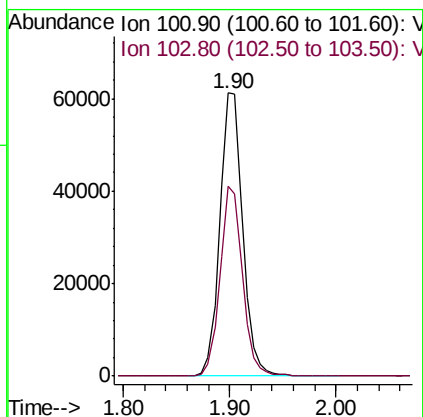
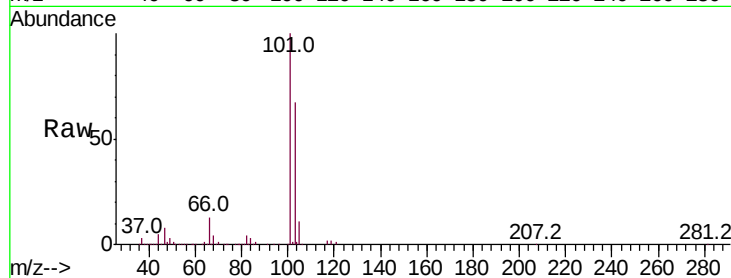


#7

Trichlorofluoromethane
 Concen: 19.171 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VX019568.D
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 VX1123WBS02

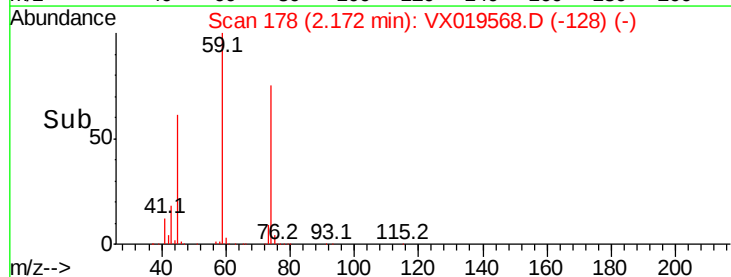
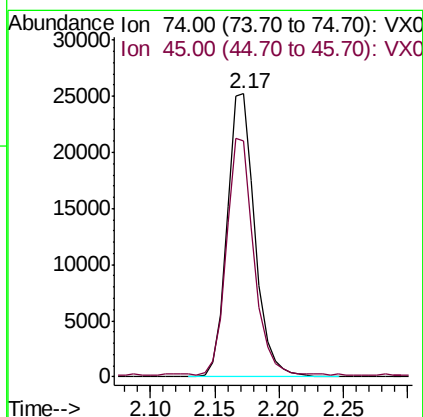
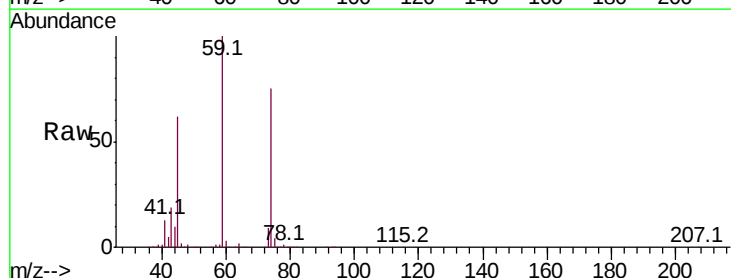
Tot Ion:101 Resp: 91776
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.9 76.3

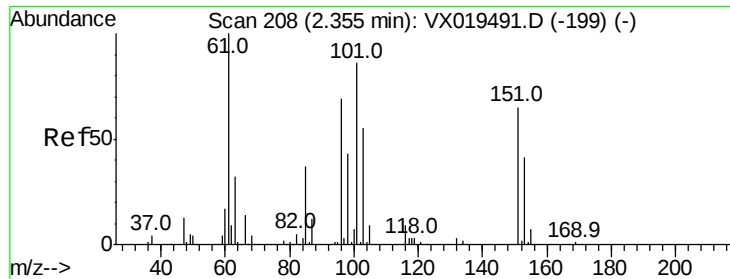


#8

Diethyl Ether
 Concen: 19.897 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 74 Resp: 38146
 Ion Ratio Lower Upper
 74 100
 45 82.8 44.4 133.2

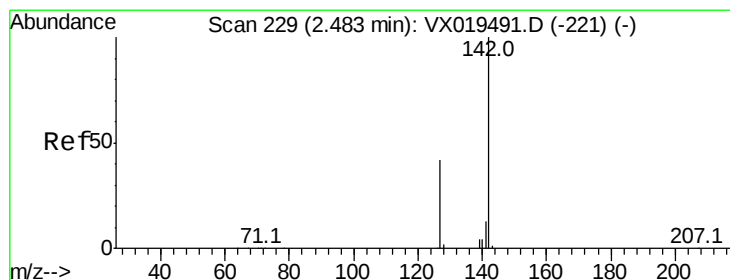
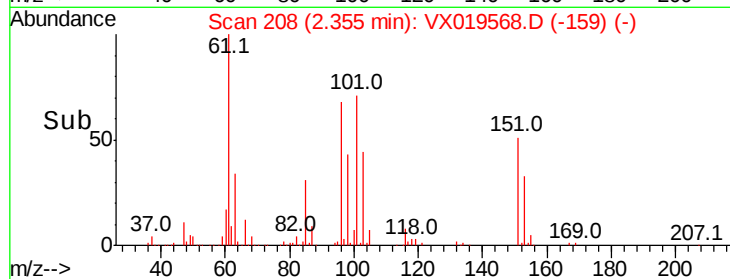
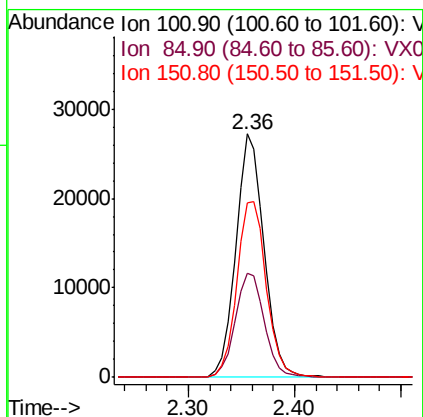
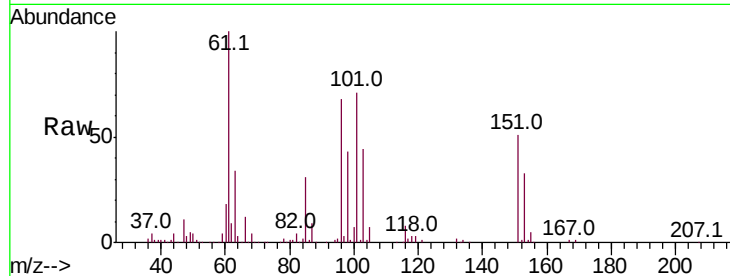




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.889 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

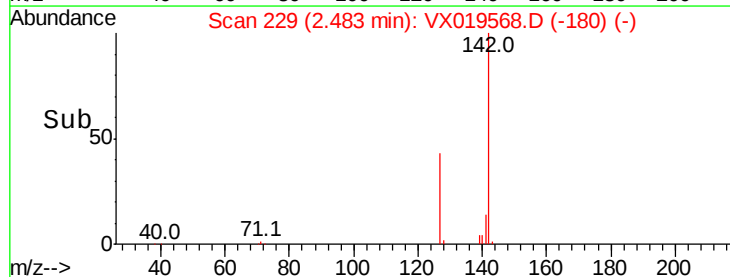
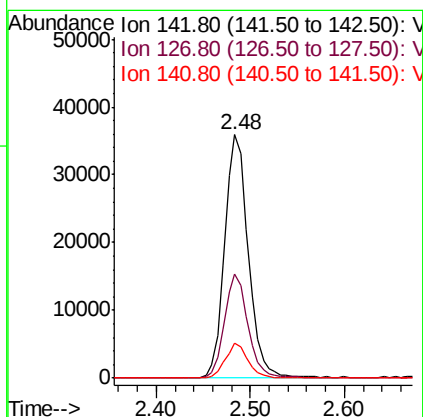
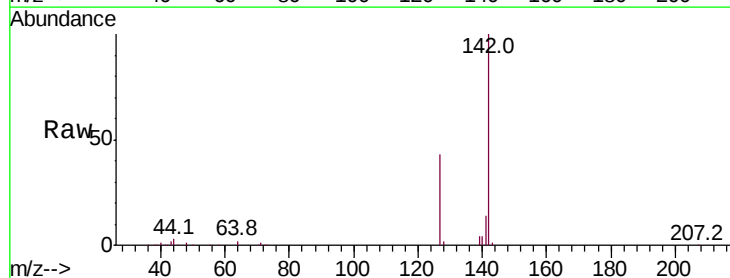
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

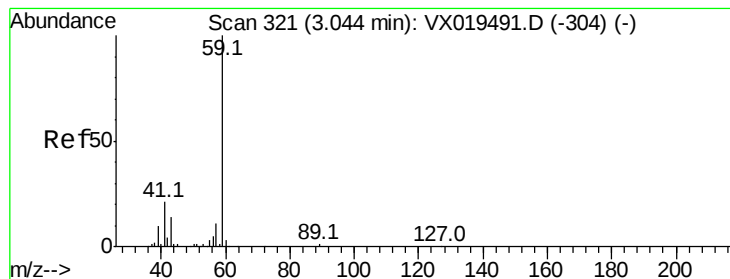
Tot Ion:101 Resp: 50446
 Ion Ratio Lower Upper
 101 100
 85 44.4 33.9 50.9
 151 75.6 60.9 91.3



#10
 Methyl Iodide
 Concen: 17.908 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion:142 Resp: 62831
 Ion Ratio Lower Upper
 142 100
 127 42.3 33.8 50.6
 141 13.8 11.0 16.6



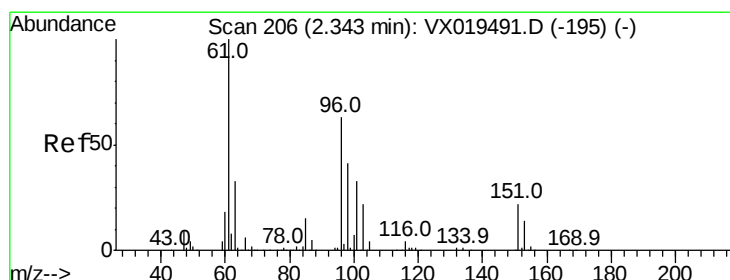
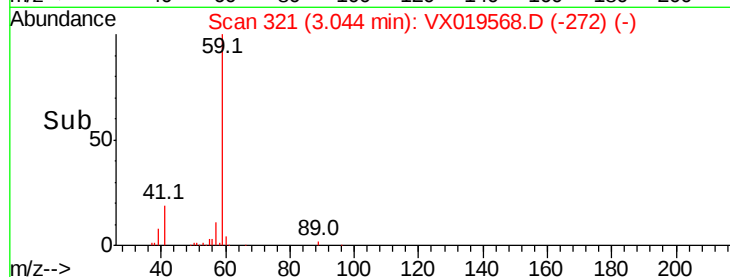
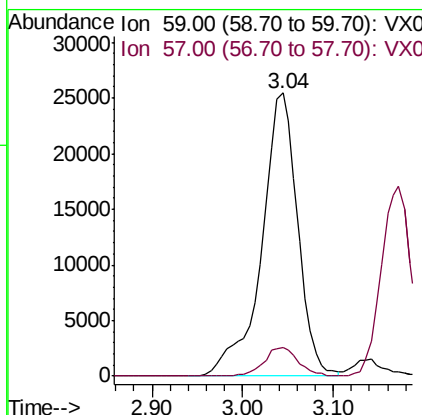
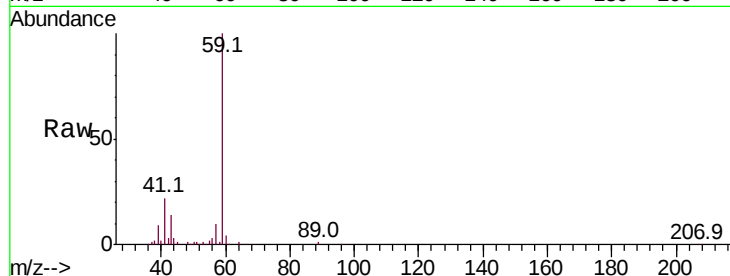


#11

Tert butyl alcohol
 Concen: 103.490 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

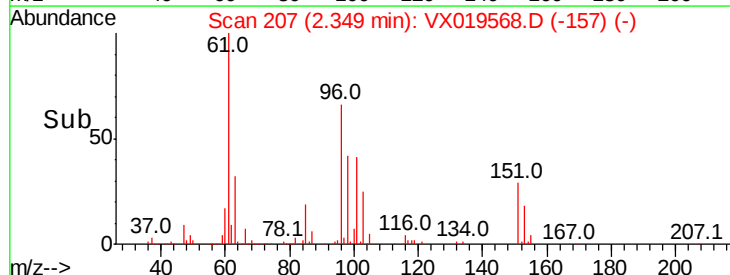
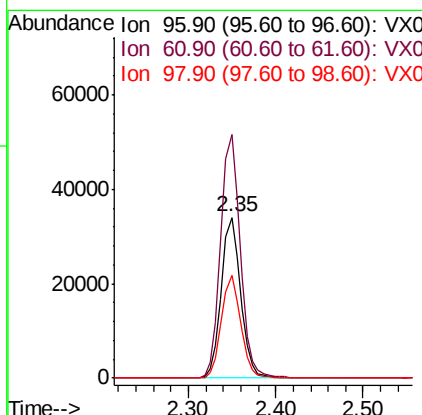
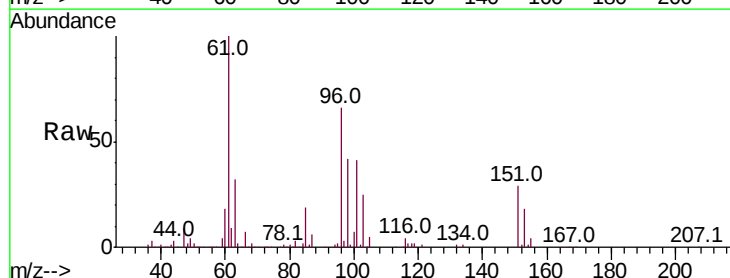
Tot Ion: 59 Resp: 70116
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.9 11.9

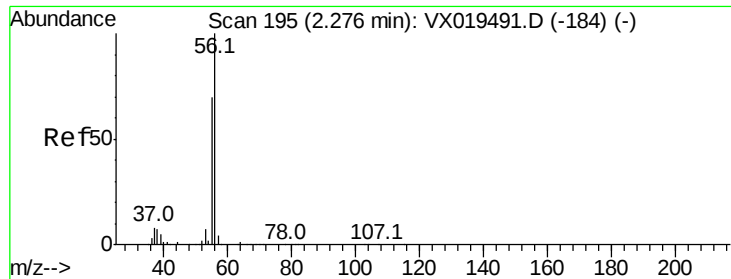


#12

1,1-Dichloroethene
 Concen: 19.194 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 96 Resp: 52614
 Ion Ratio Lower Upper
 96 100
 61 151.3 126.0 189.0
 98 63.7 52.0 78.0





#13

Acrolein

Concen: 73.521 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

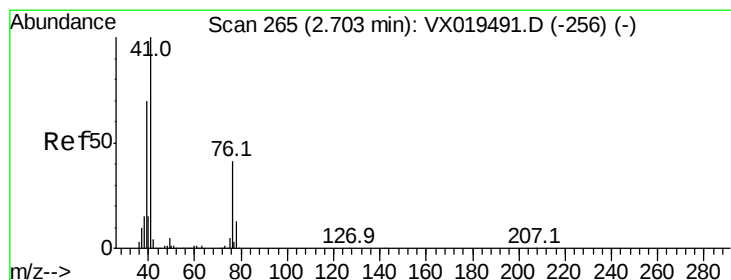
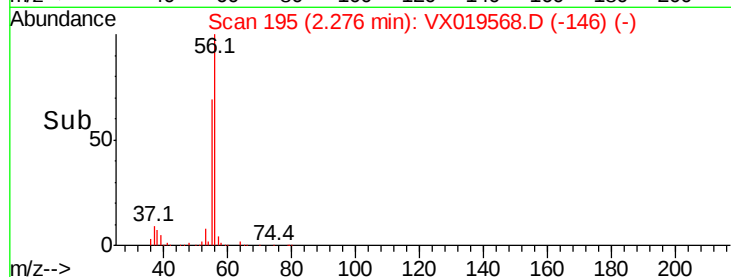
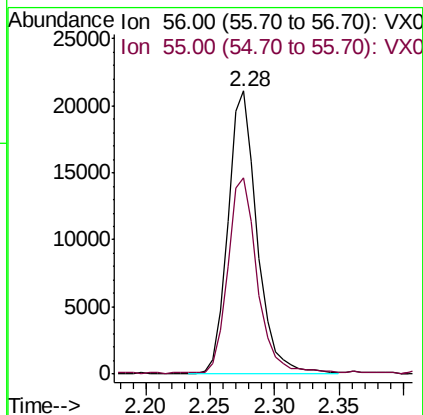
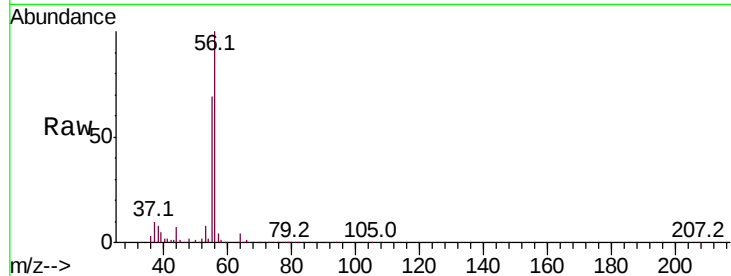
VX1123WBS02

Tot Ion: 56 Resp: 33483

Ion Ratio Lower Upper

56 100

55 70.0 55.5 83.3



#14

Allyl chloride

Concen: 17.652 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

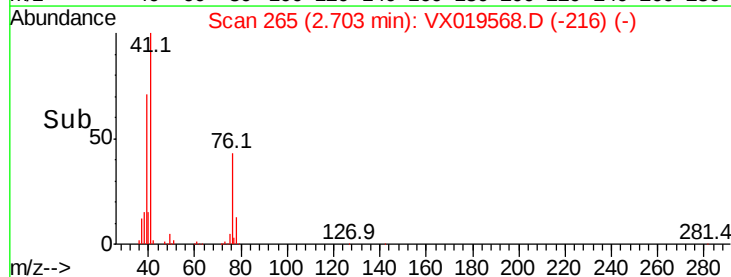
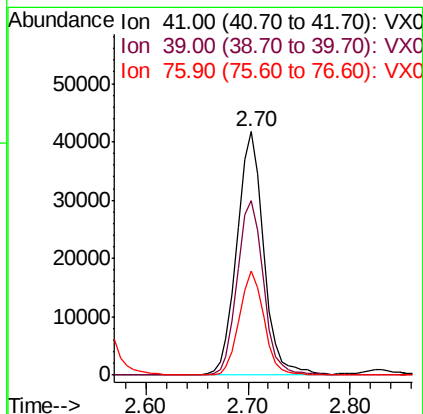
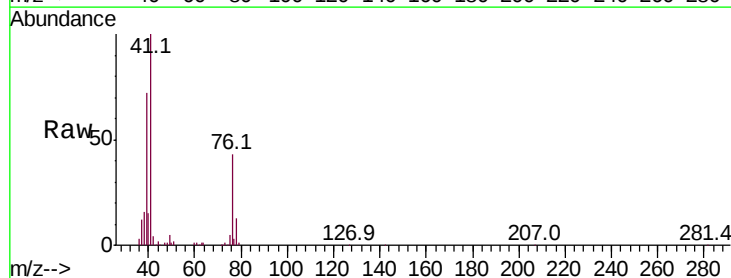
Tgt Ion: 41 Resp: 75803

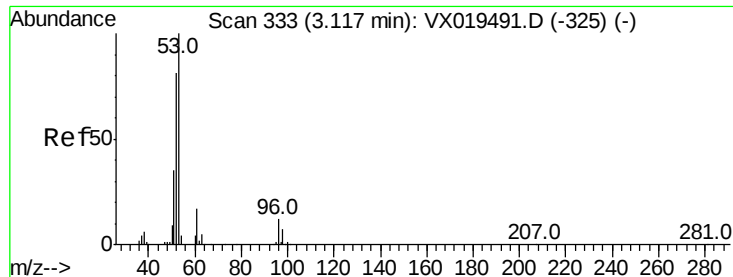
Ion Ratio Lower Upper

41 100

39 69.8 53.0 79.4

76 39.6 31.0 46.6





#15

Acrylonitrile

Concen: 94.264 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

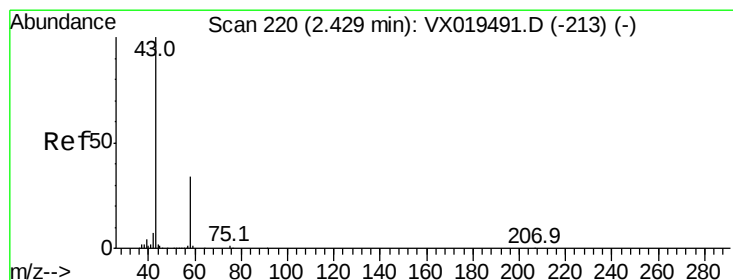
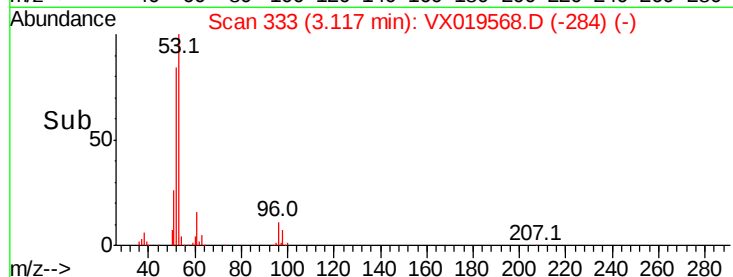
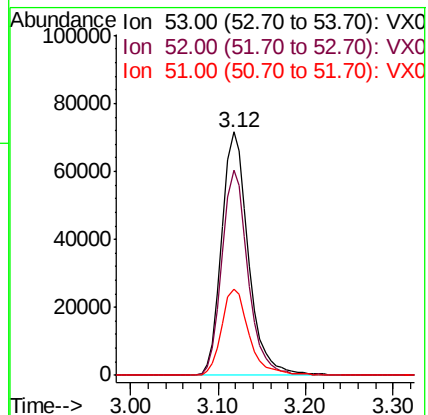
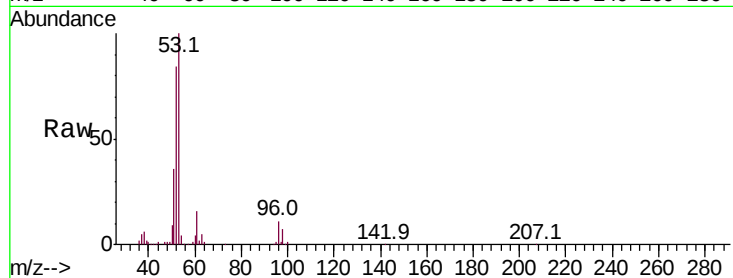
Tot Ion: 53 Resp: 150616

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

51 35.8 28.5 42.7



#16

Acetone

Concen: 89.823 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019568.D

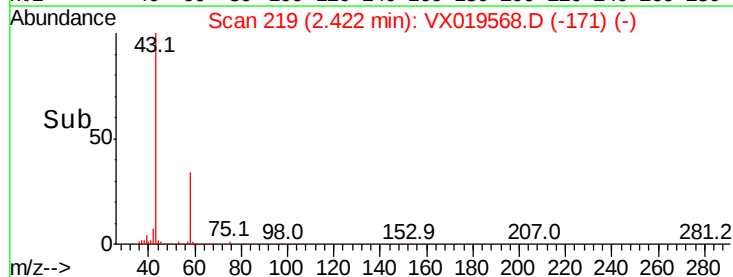
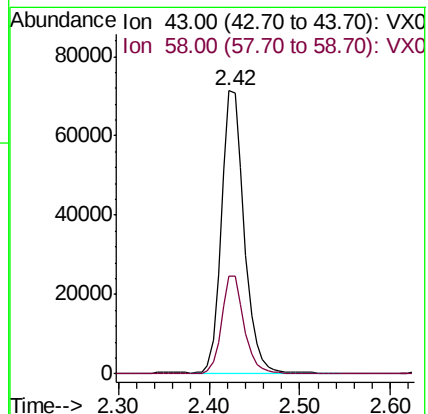
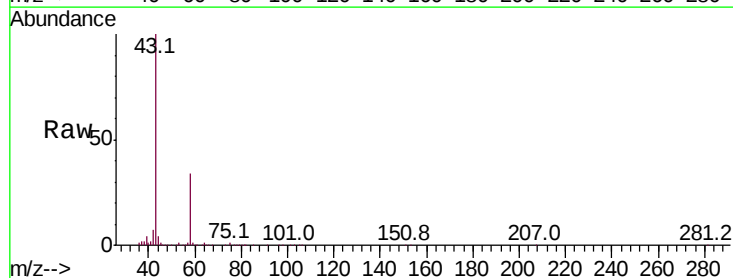
Acq: 23 Nov 2020 22:52

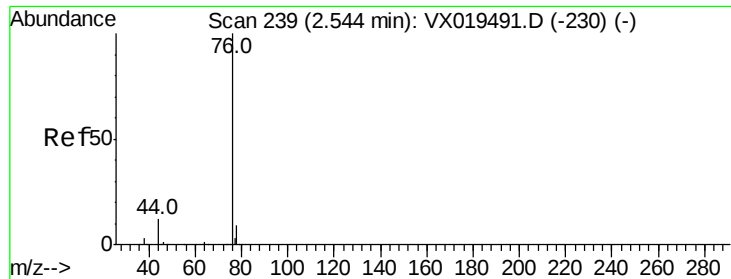
Tgt Ion: 43 Resp: 124355

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.2

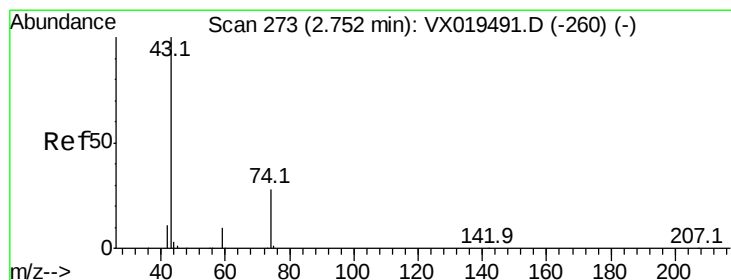
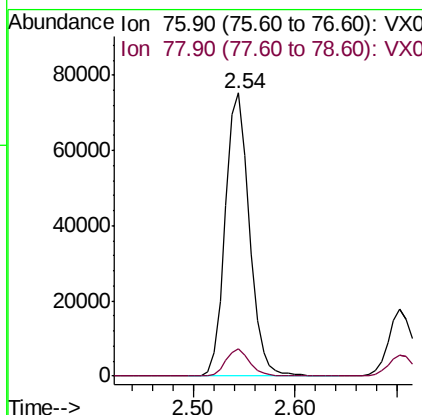
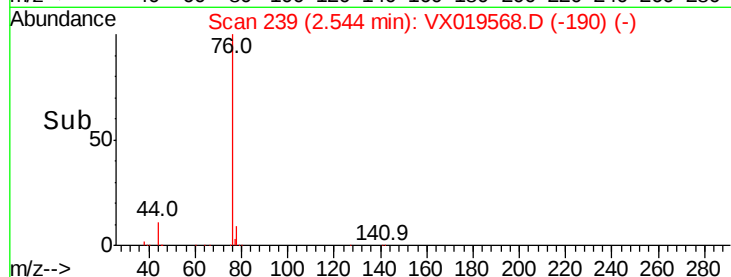
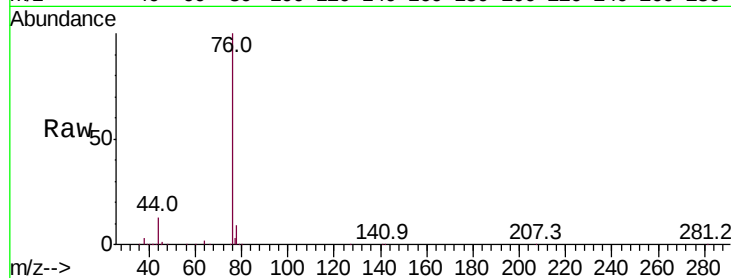




#17
Carbon Disulfide
Concen: 16.787 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

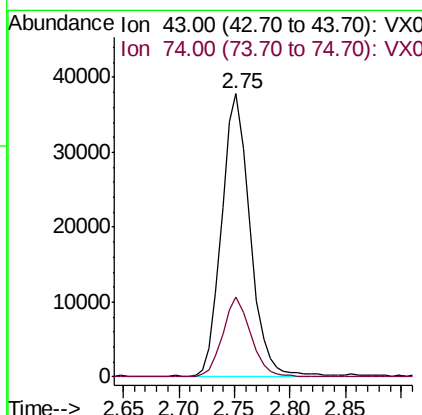
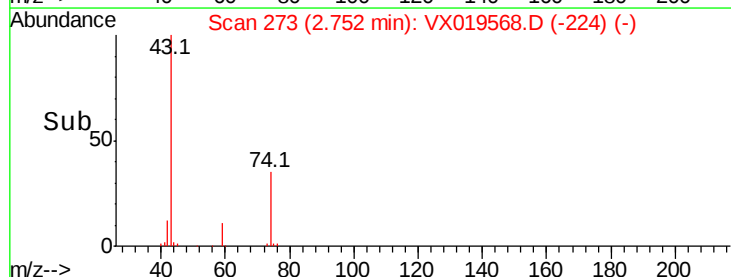
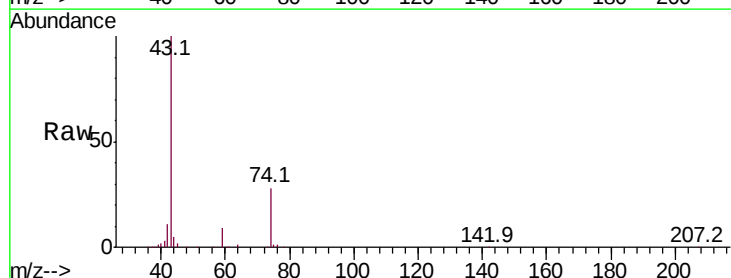
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

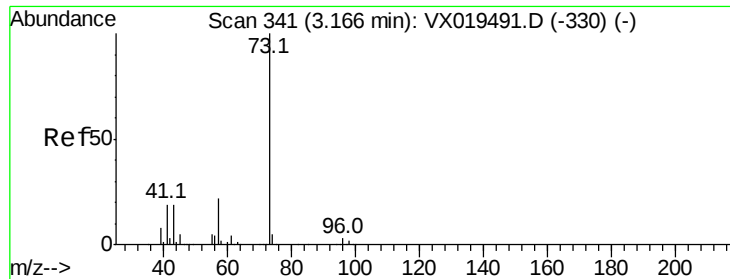
Tot Ion: 76 Resp: 123626
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 19.946 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 43 Resp: 66397
Ion Ratio Lower Upper
43 100
74 28.4 22.2 33.4

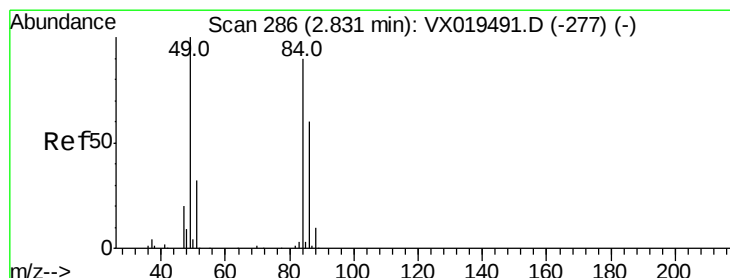
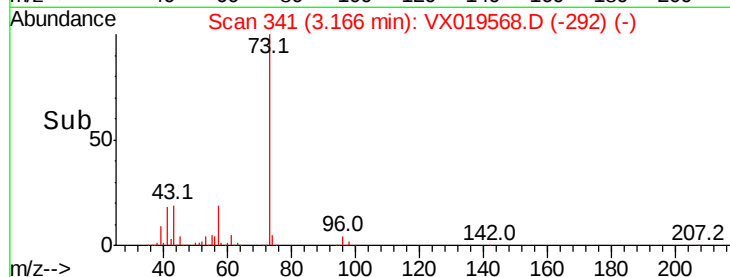
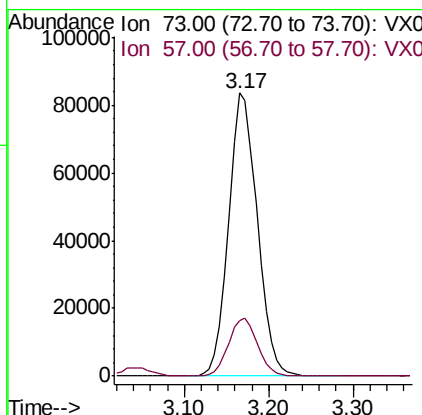
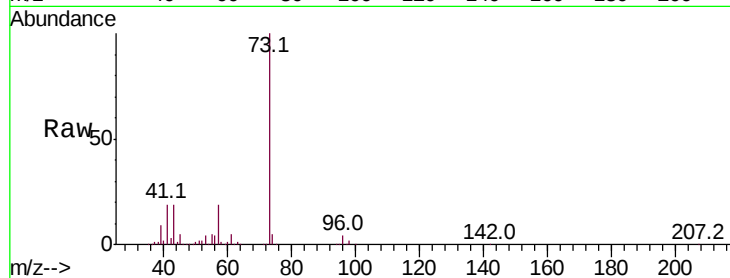




#19
Methyl tert-butyl Ether
Concen: 20.370 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

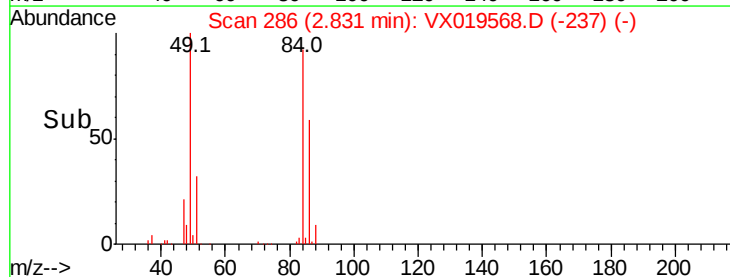
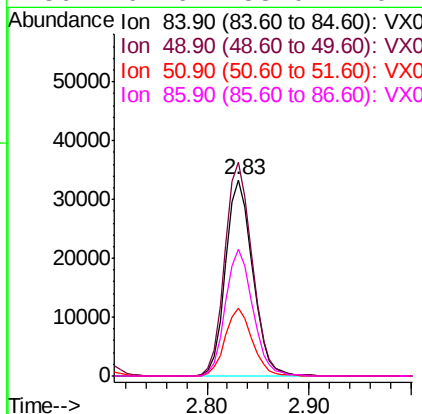
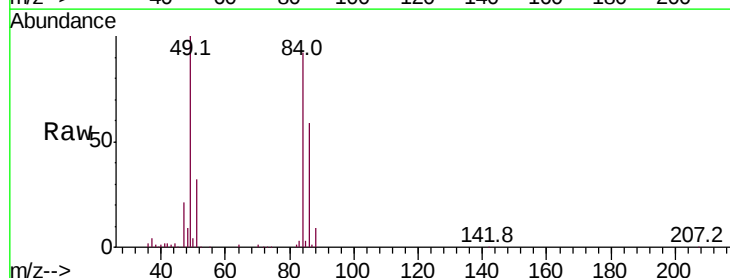
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

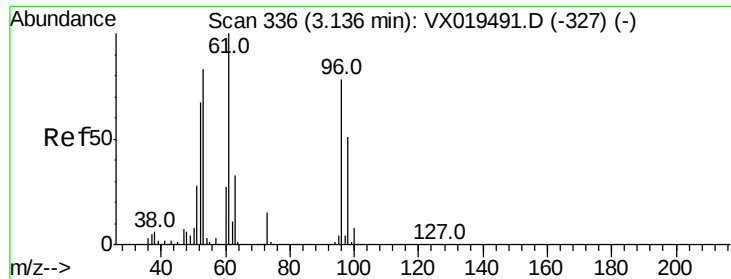
Tot Ion: 73 Resp: 192743
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9



#20
Methylene Chloride
Concen: 17.753 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 84 Resp: 61431
Ion Ratio Lower Upper
84 100
49 108.8 88.5 132.7
51 34.7 28.0 42.0
86 64.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.714 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampled :

VX1123WBS02

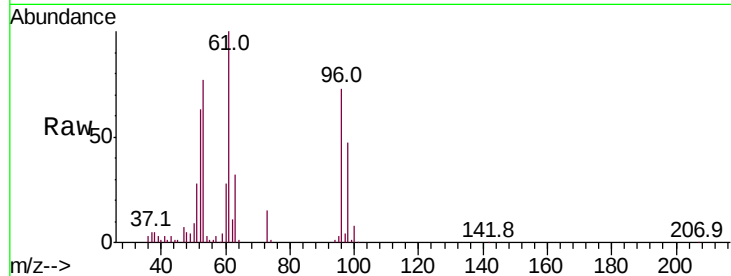
Tot Ion: 96 Resp: 58120

Ion Ratio Lower Upper

96 100

61 137.5 102.9 154.3

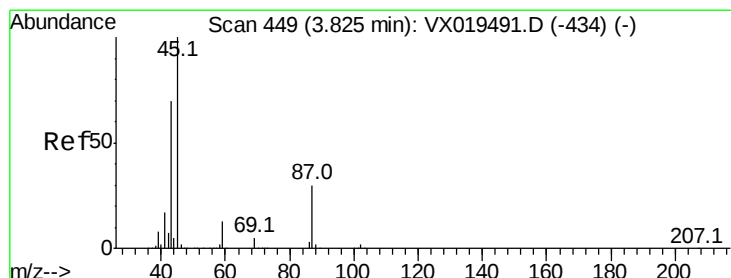
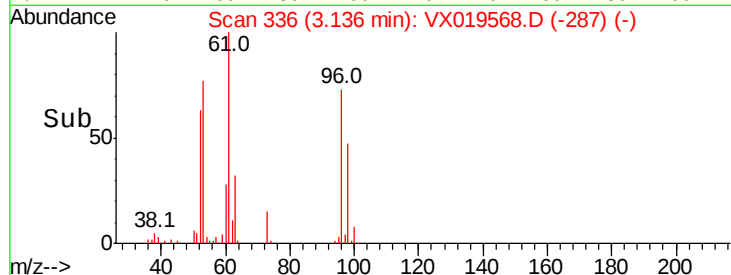
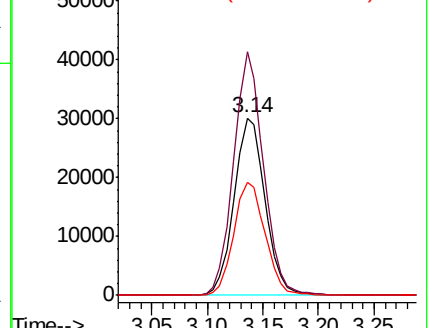
98 64.1 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.604 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion: 45 Resp: 174155

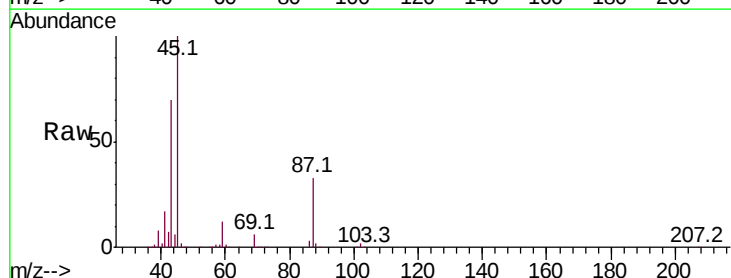
Ion Ratio Lower Upper

45 100

43 70.3 56.1 84.1

87 32.6 24.2 36.2

59 12.0 10.2 15.2

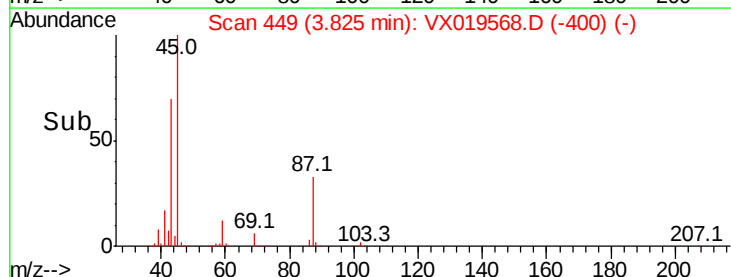
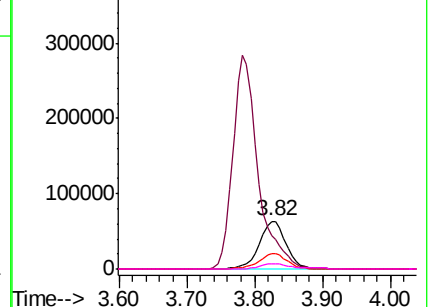


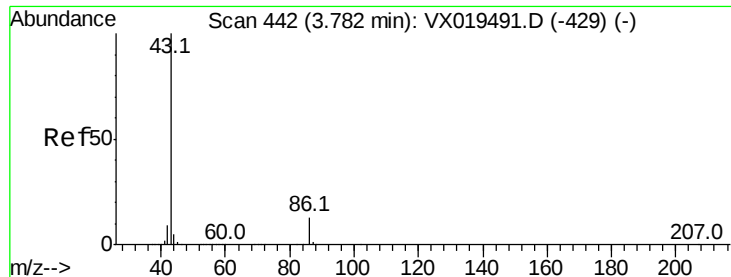
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.953 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

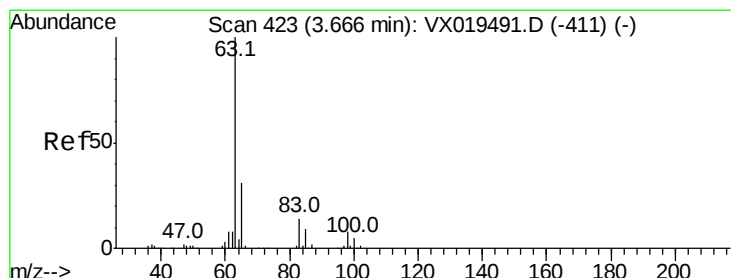
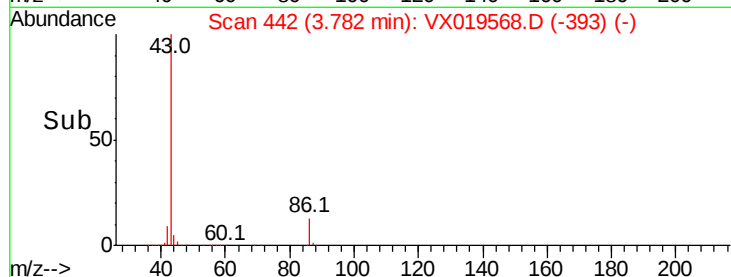
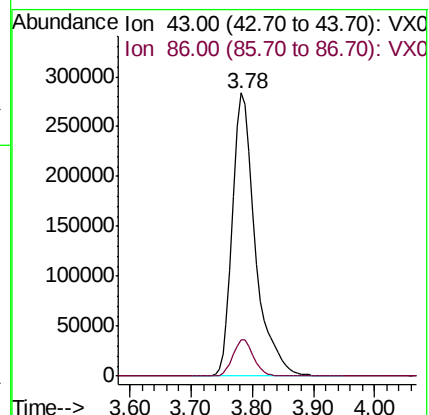
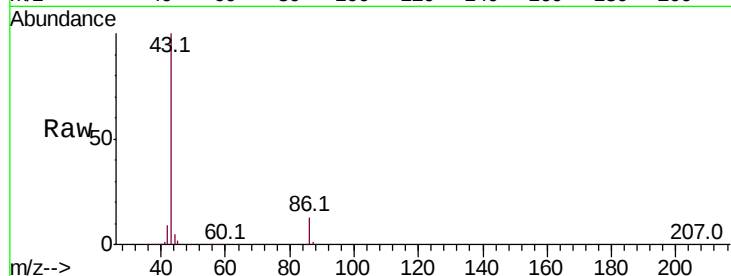
VX1123WBS02

Tot Ion: 43 Resp: 729888

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.2



#24

1,1-Dichloroethane

Concen: 19.273 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

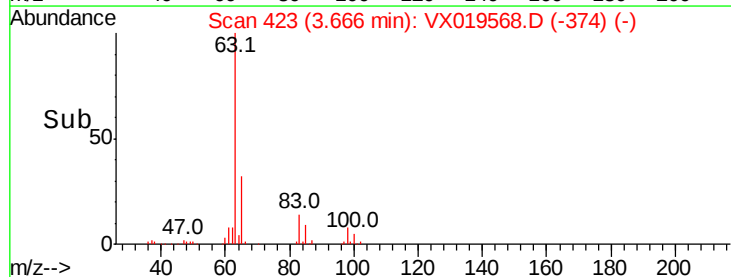
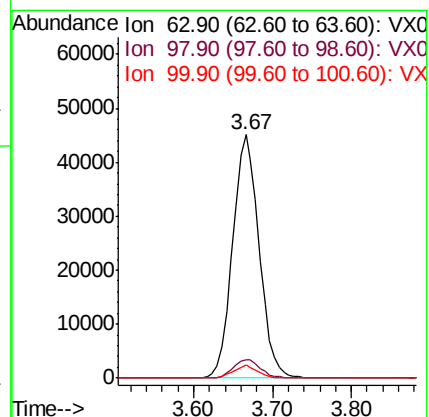
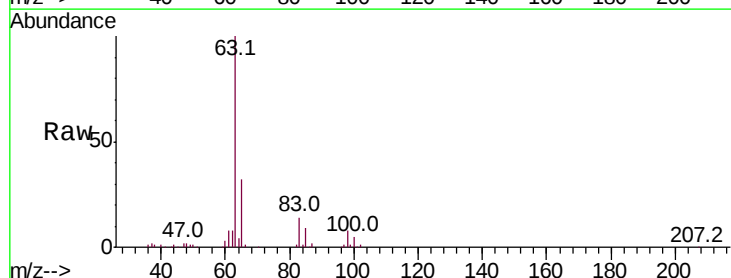
Tgt Ion: 63 Resp: 104725

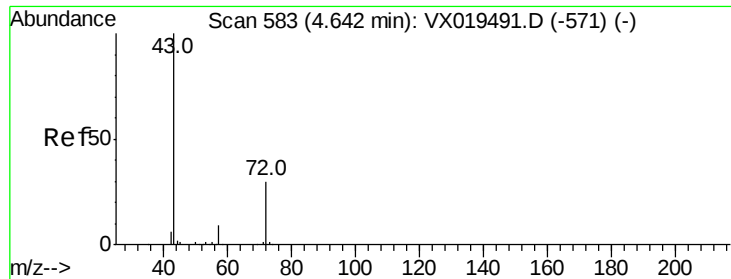
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 92.894 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

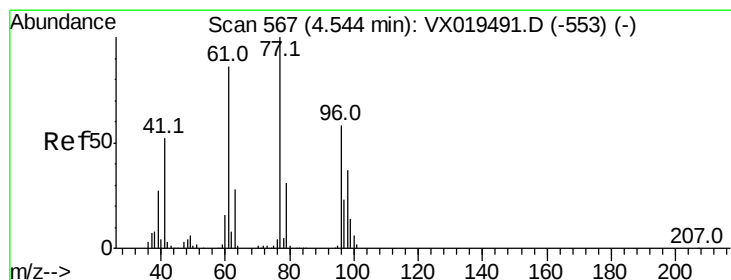
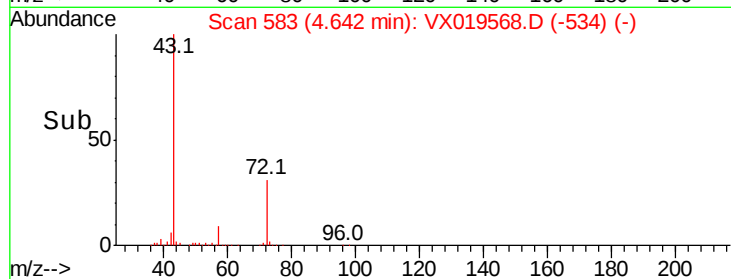
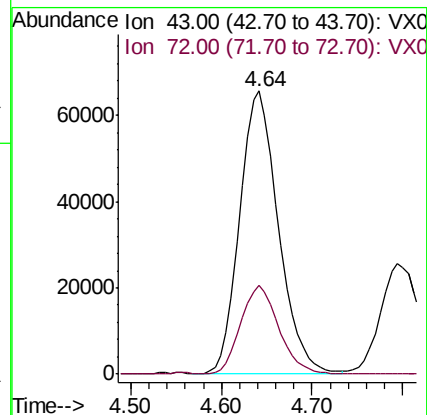
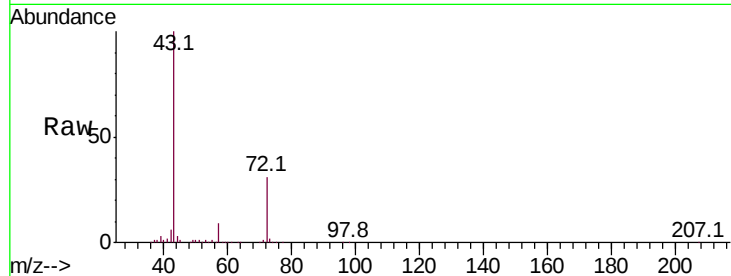
VX1123WBS02

Tot Ion: 43 Resp: 193191

Ion Ratio Lower Upper

43 100

72 31.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 16.375 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019568.D

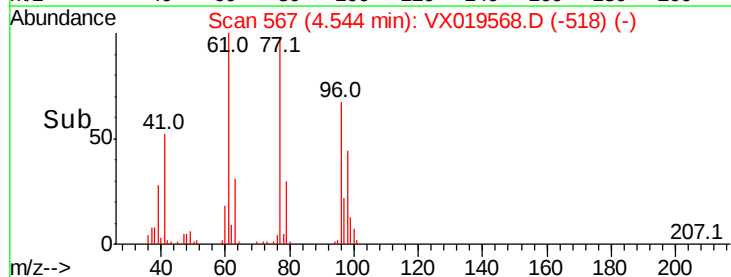
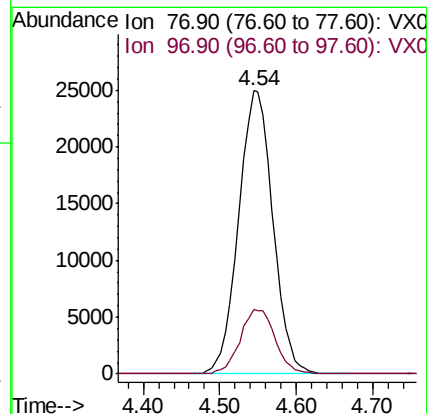
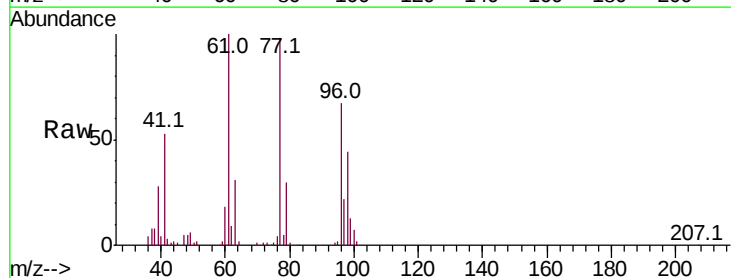
Acq: 23 Nov 2020 22:52

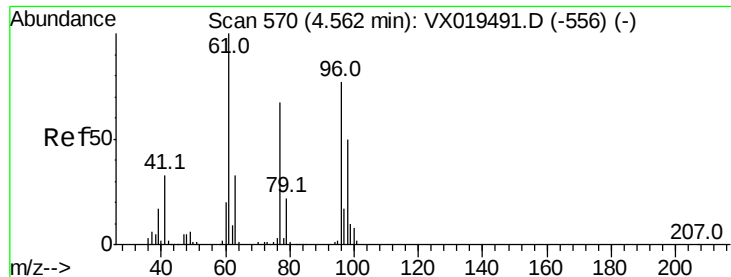
Tgt Ion: 77 Resp: 77663

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8



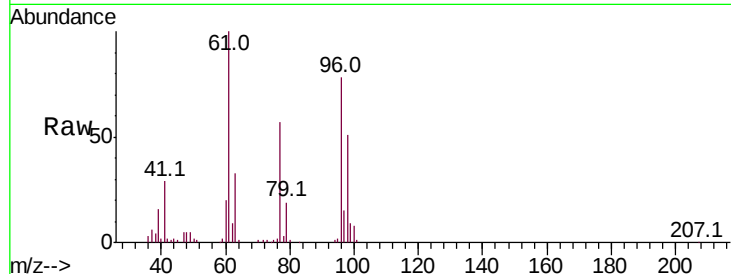


#27

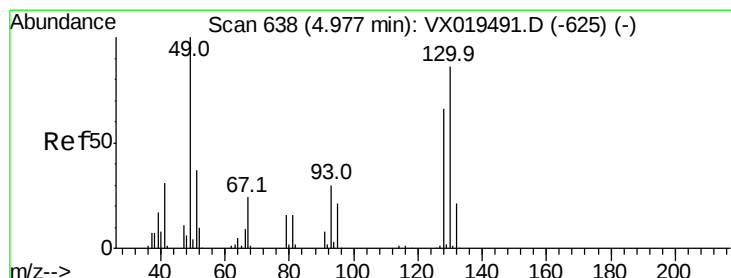
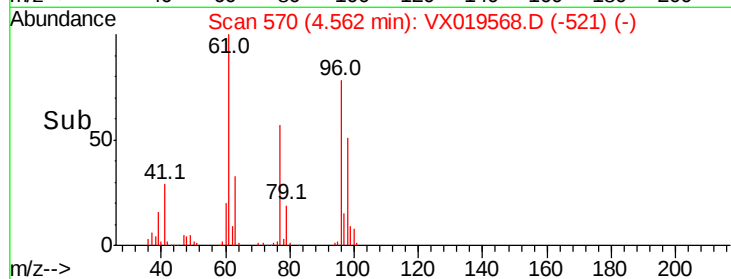
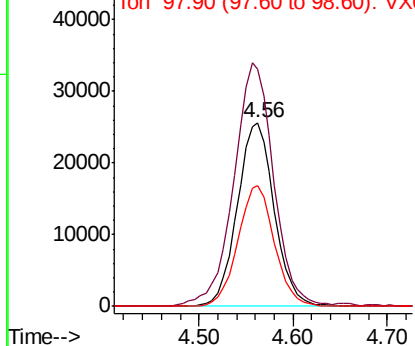
cis-1,2-Dichloroethene
Concen: 19.650 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion: 96 Resp: 70103
Ion Ratio Lower Upper
96 100
61 143.8 0.0 279.2
98 65.2 0.0 129.8



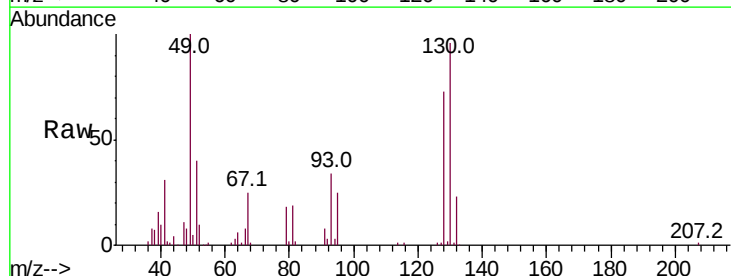
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



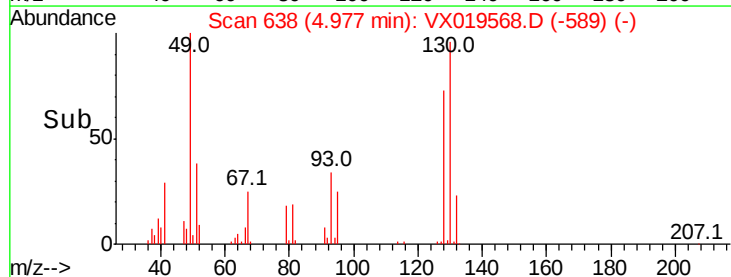
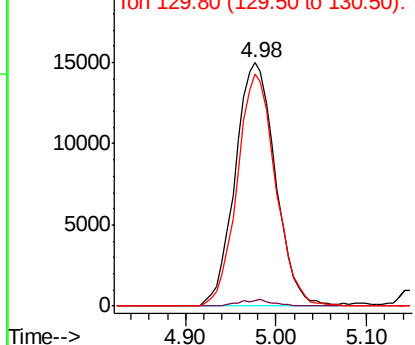
#28

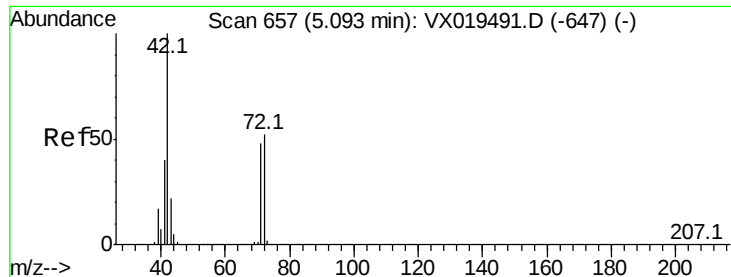
Bromochloromethane
Concen: 17.726 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 49 Resp: 46049
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 91.0 69.0 103.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

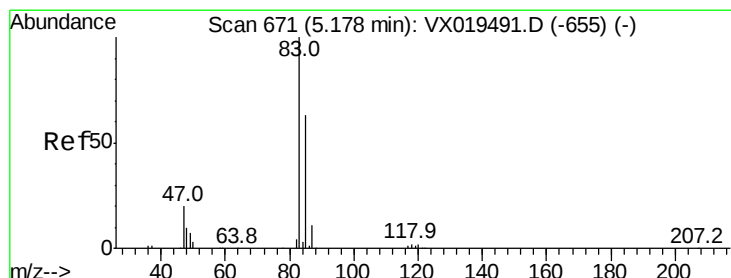
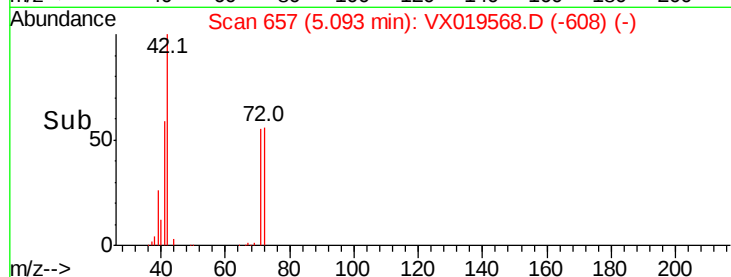
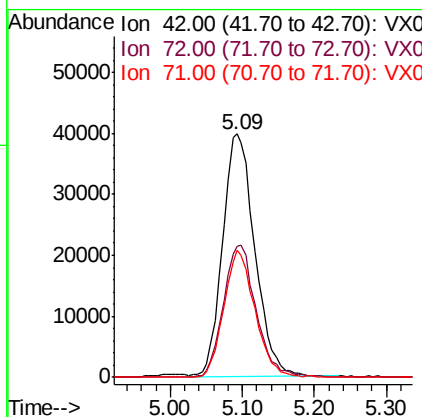
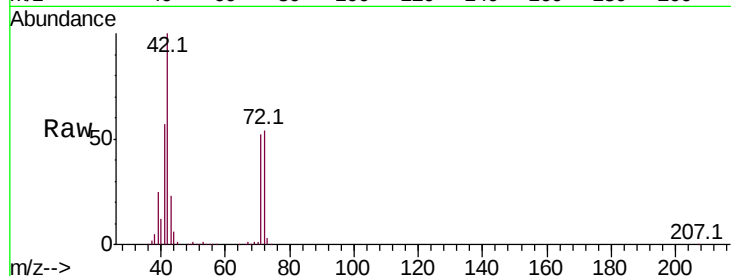




#29
Tetrahydrofuran
Concen: 93.332 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

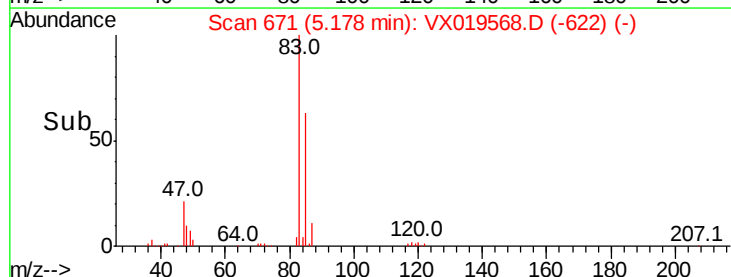
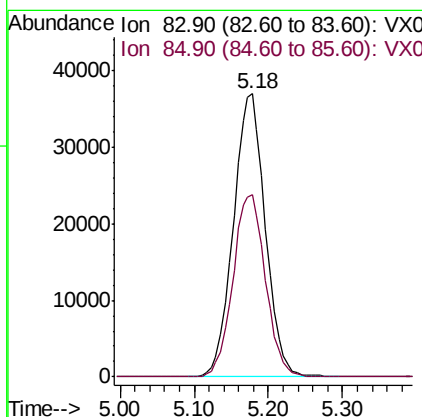
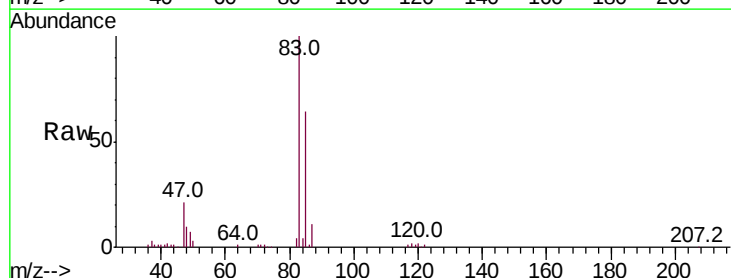
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS02

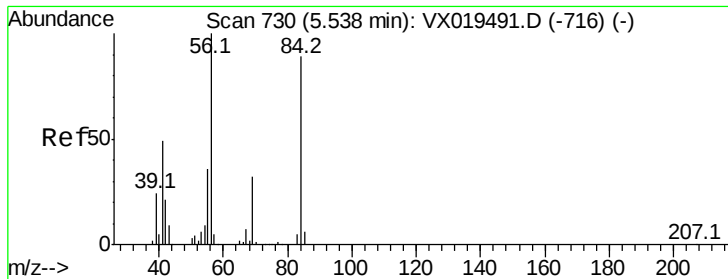
Tot Ion: 42 Resp: 123847
Ion Ratio Lower Upper
42 100
72 55.5 42.6 63.8
71 50.7 39.0 58.6



#30
Chloroform
Concen: 19.483 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 83 Resp: 110698
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7





#31

Cyclohexane

Concen: 18.670 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

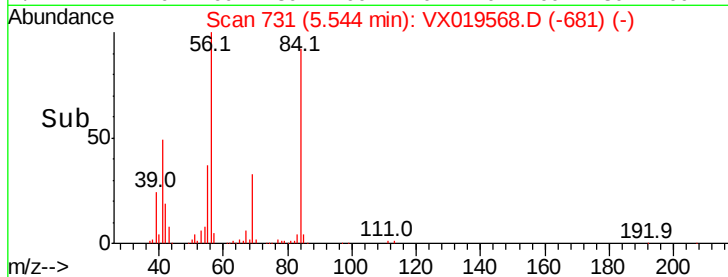
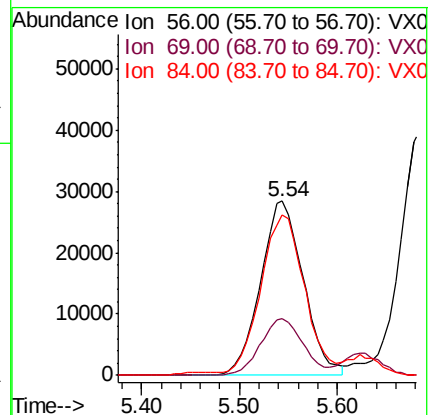
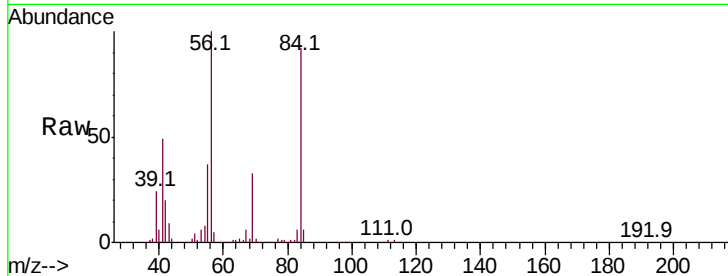
Tot Ion: 56 Resp: 86932

Ion Ratio Lower Upper

56 100

69 33.0 25.5 38.3

84 90.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 19.764 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

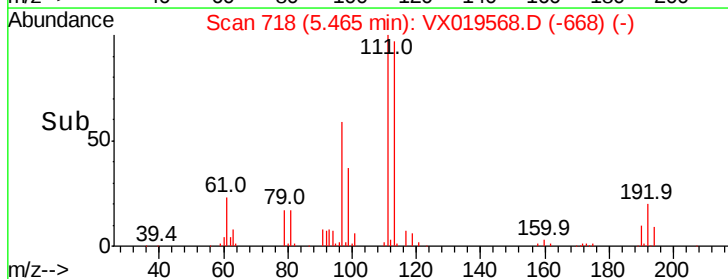
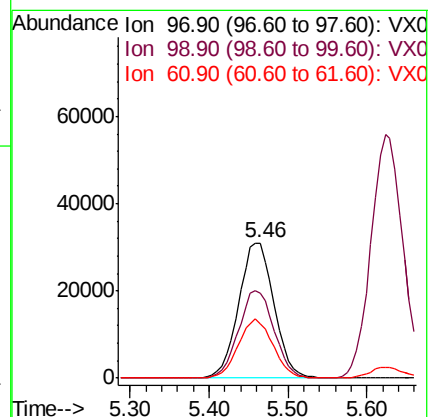
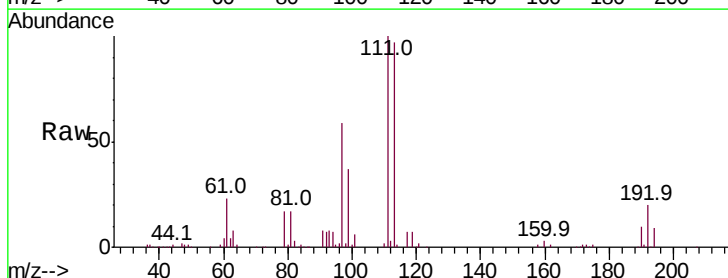
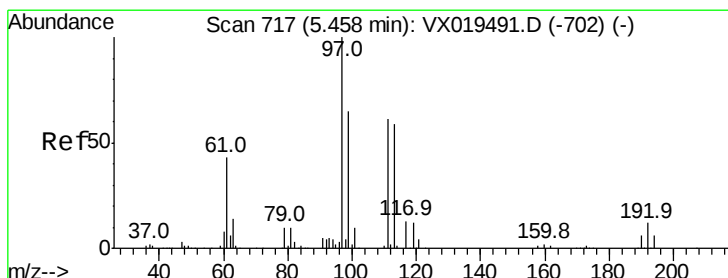
Tgt Ion: 97 Resp: 96458

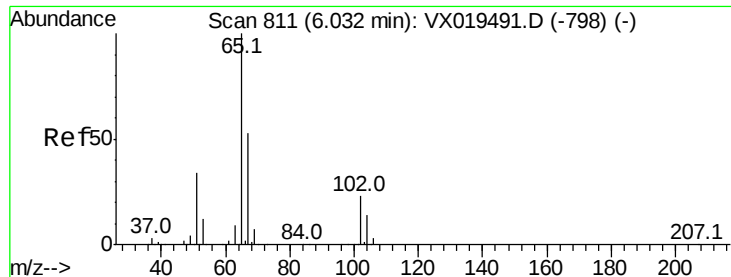
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 42.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.501 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

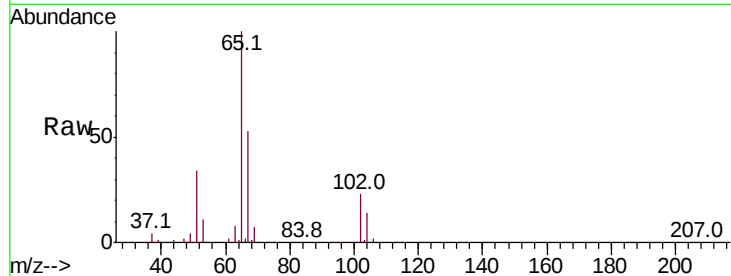
VX1123WBS02

Tot Ion: 65 Resp: 180792

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

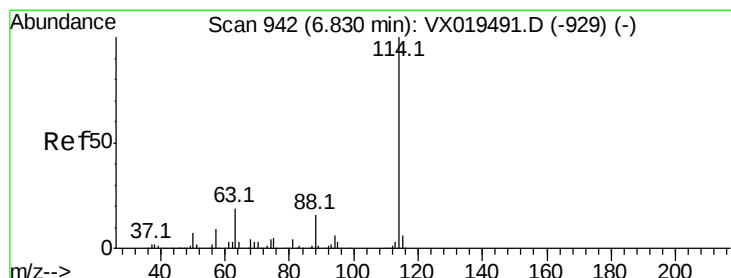
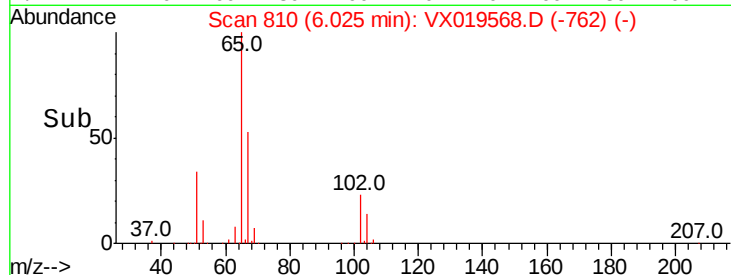
40000

20000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

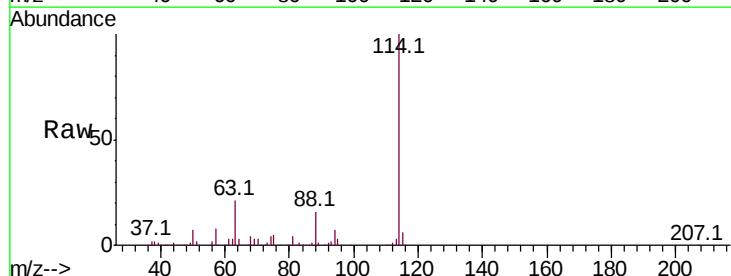
Tgt Ion: 114 Resp: 472985

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 16.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

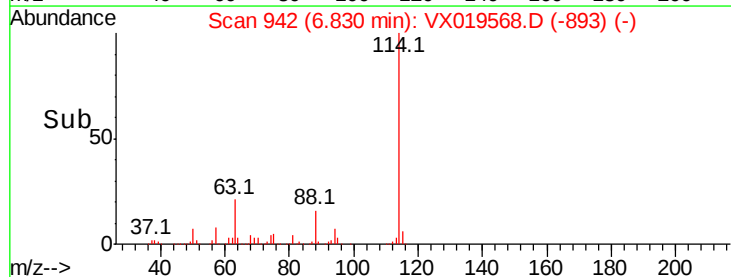
100000

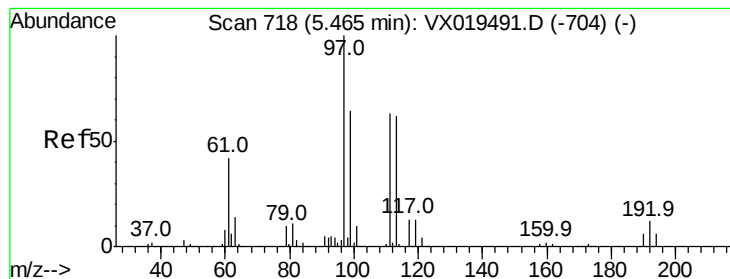
50000

0

6.60 6.80 7.00 7.20

Time-->





#35

Dibromofluoromethane

Concen: 49.510 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

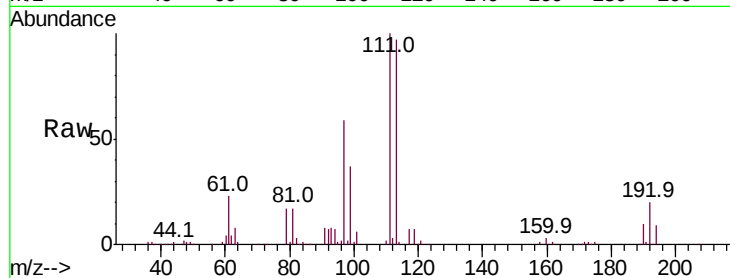
Tot Ion:113 Resp: 146991

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

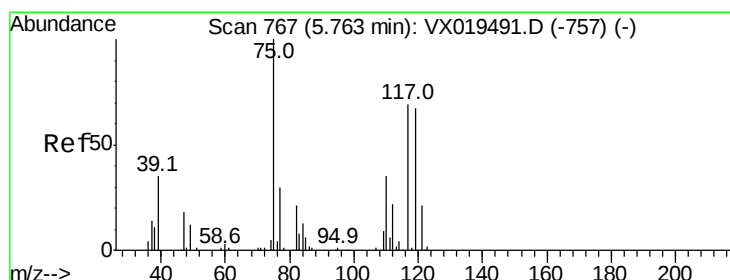
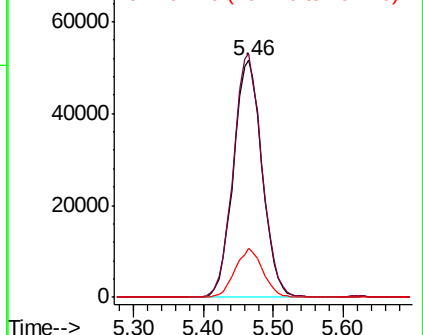
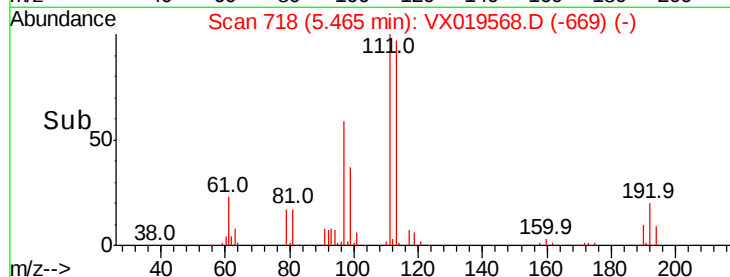
192 19.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.120 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

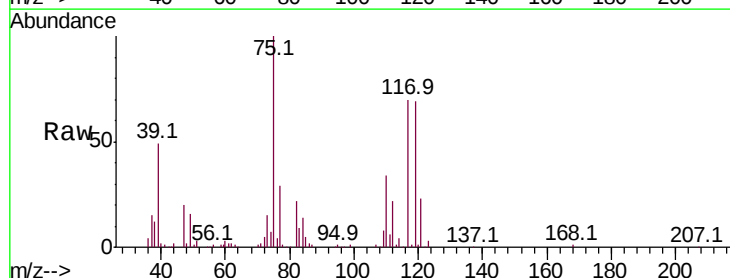
Tgt Ion: 75 Resp: 80349

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.3

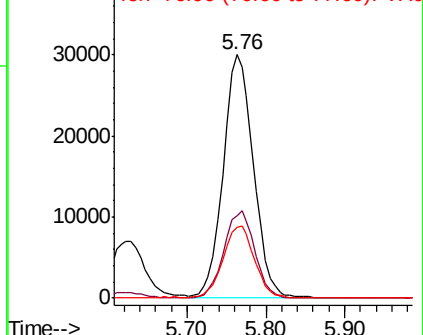
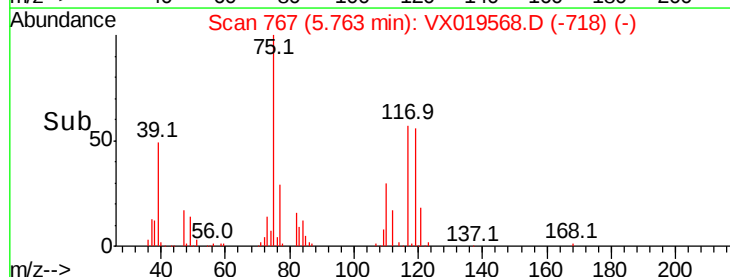
77 30.7 24.2 36.4

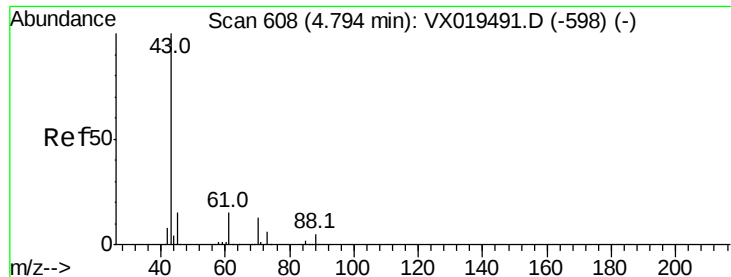


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

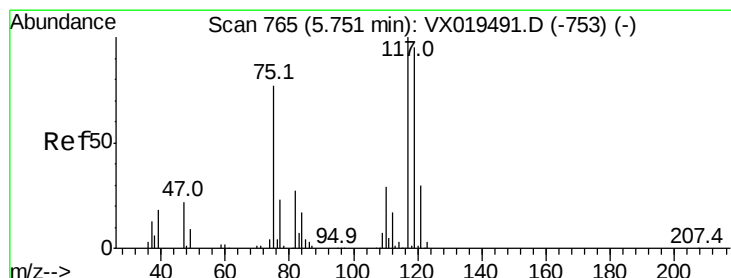
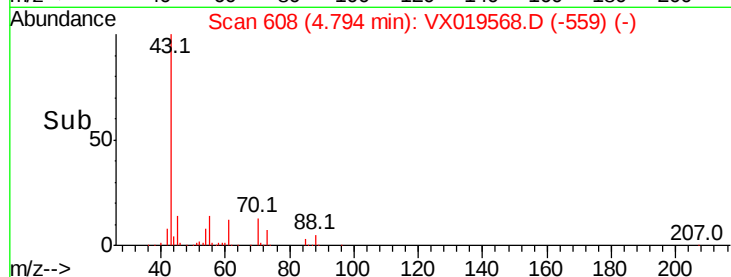
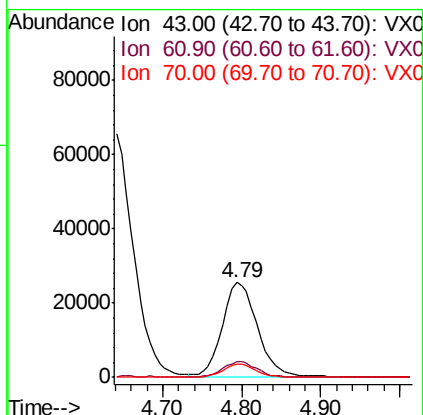
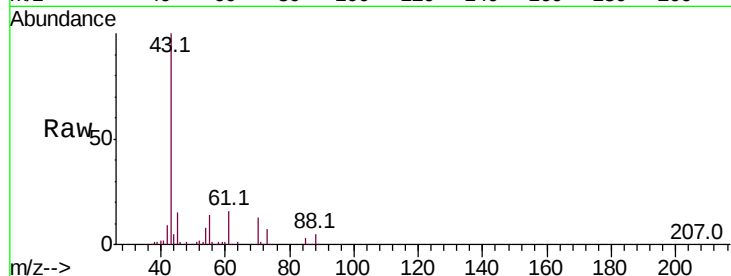




#37
Ethyl Acetate
Concen: 18.750 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

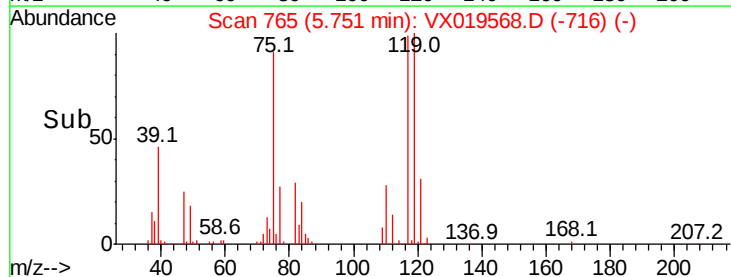
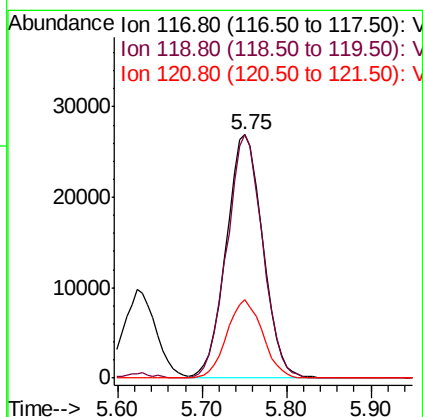
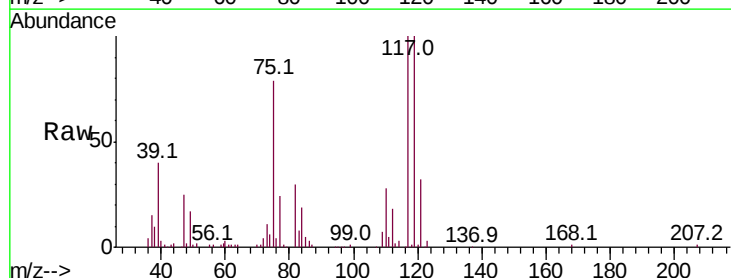
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

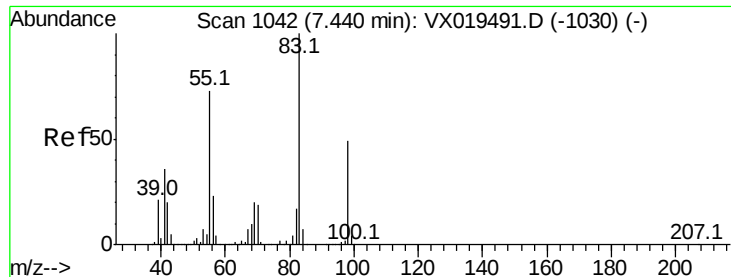
Tot Ion: 43 Resp: 78054
Ion Ratio Lower Upper
43 100
61 16.8 12.7 19.1
70 13.1 10.2 15.2



#38
Carbon Tetrachloride
Concen: 18.504 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 117 Resp: 79421
Ion Ratio Lower Upper
117 100
119 100.2 75.9 113.9
121 32.1 24.0 36.0

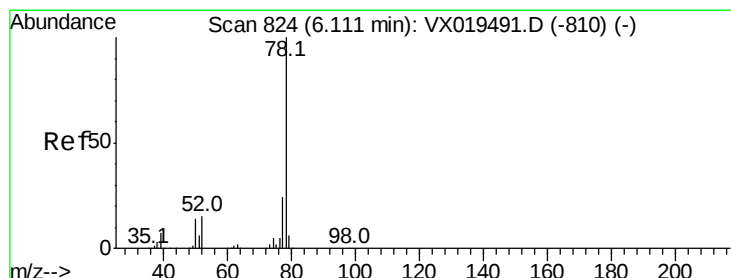
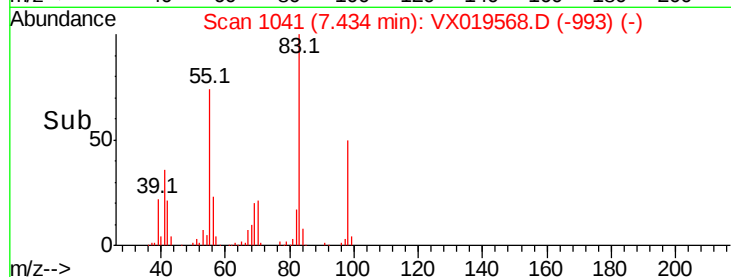
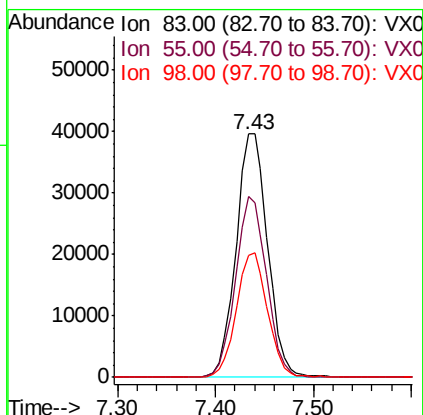
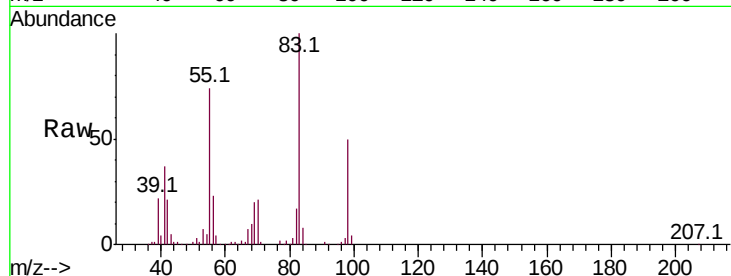




#39
Methvlcvclohexane
Concen: 17.236 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

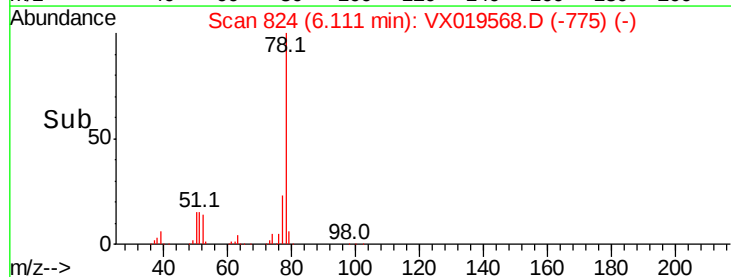
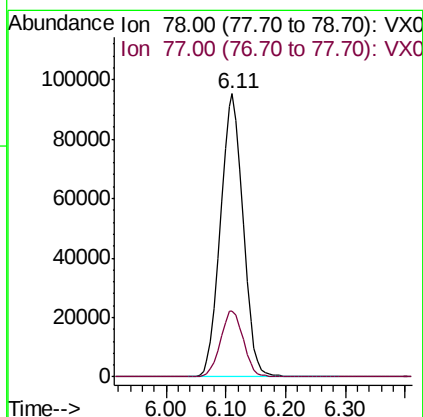
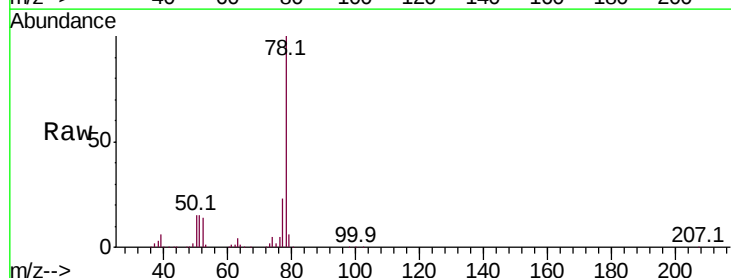
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS02

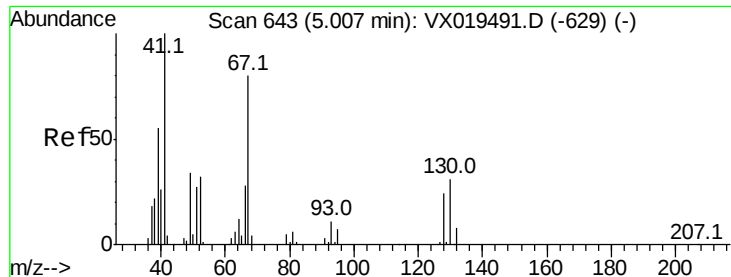
Tot Ion: 83 Resp: 88992
Ion Ratio Lower Upper
83 100
55 74.4 58.3 87.5
98 50.1 38.9 58.3



#40
Benzene
Concen: 18.467 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 78 Resp: 251597
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 18.235 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 41 Resp: 41860

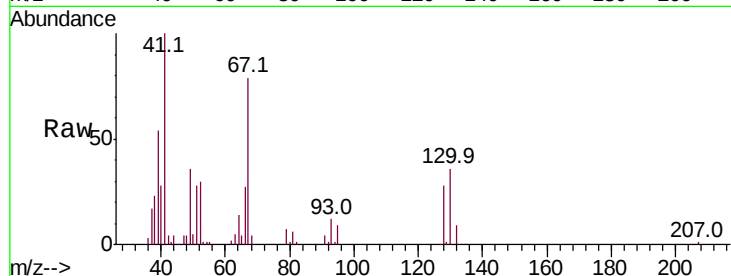
Ion Ratio Lower Upper

41 100

39 53.7 43.3 64.9

67 83.4 66.0 99.0

52 32.5 25.4 38.2

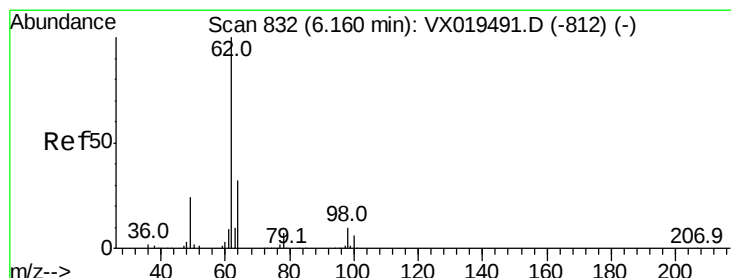
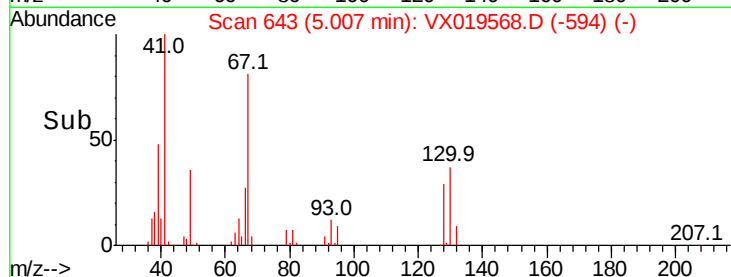
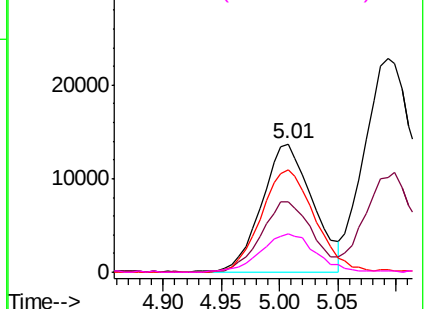


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.812 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019568.D

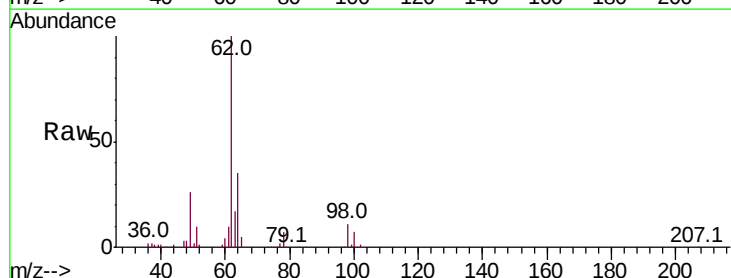
Acq: 23 Nov 2020 22:52

Tgt Ion: 62 Resp: 87847

Ion Ratio Lower Upper

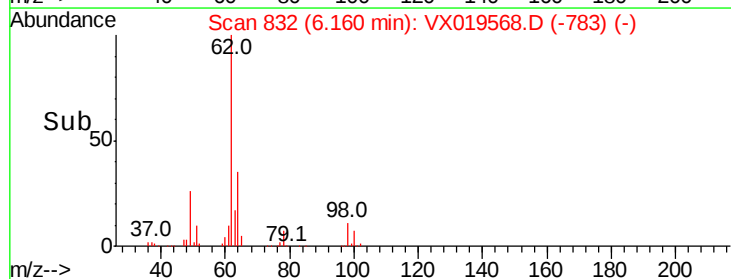
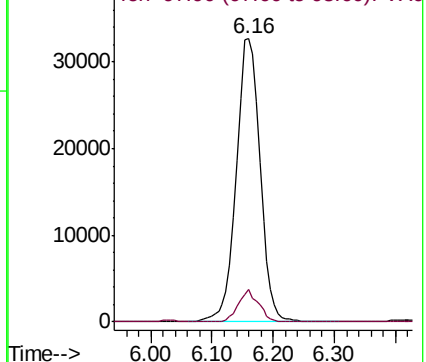
62 100

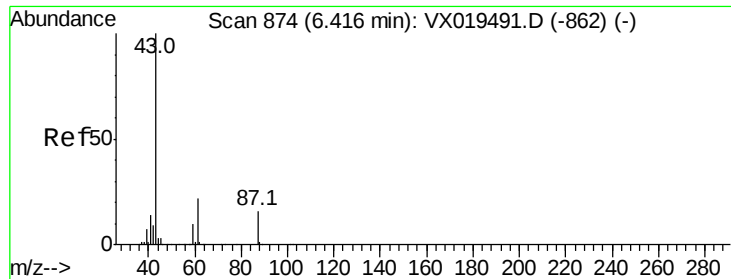
98 9.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



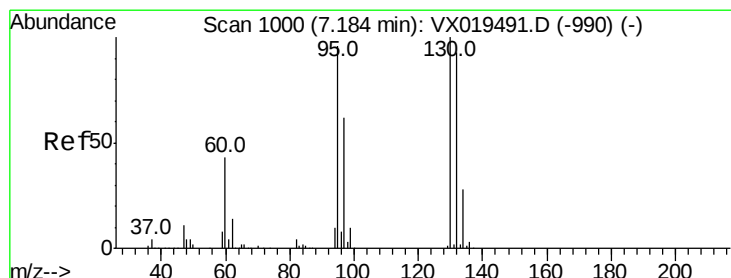
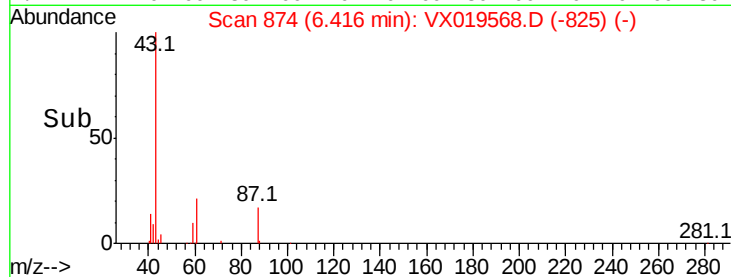
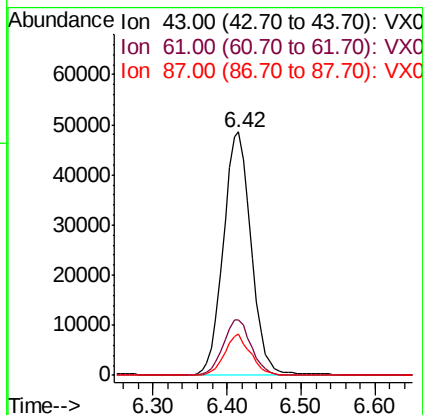
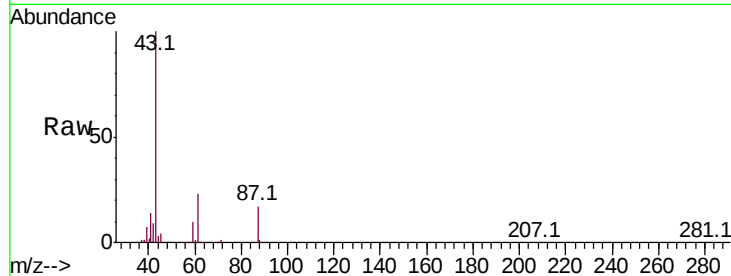


#43

Isopropyl Acetate
 Concen: 17.960 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

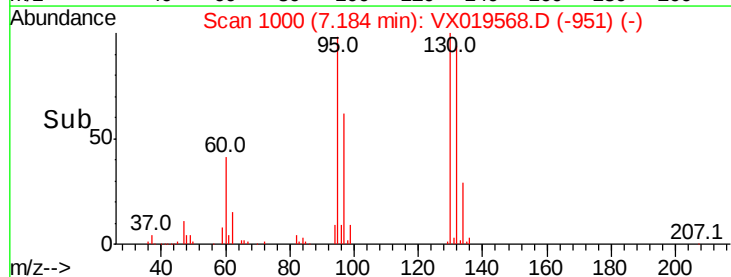
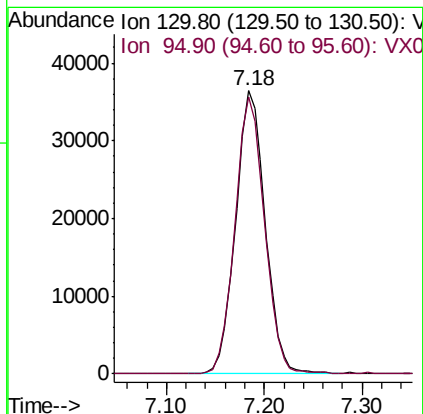
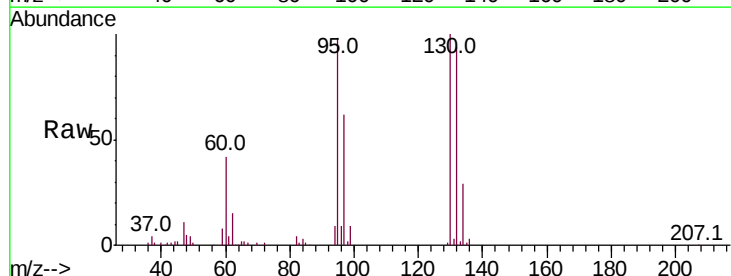
Tot Ion: 43 Resp: 125677
 Ion Ratio Lower Upper
 43 100
 61 22.9 18.2 27.2
 87 15.9 12.6 18.8

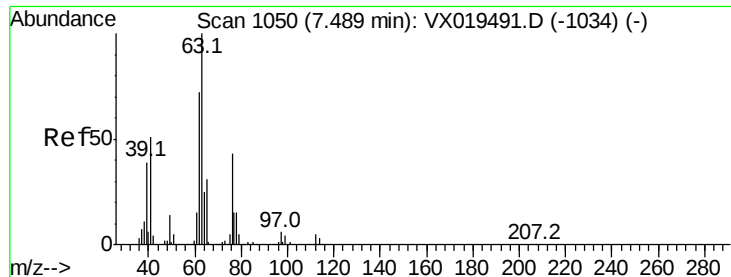


#44

Trichloroethene
 Concen: 21.457 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 130 Resp: 76573
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.396 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

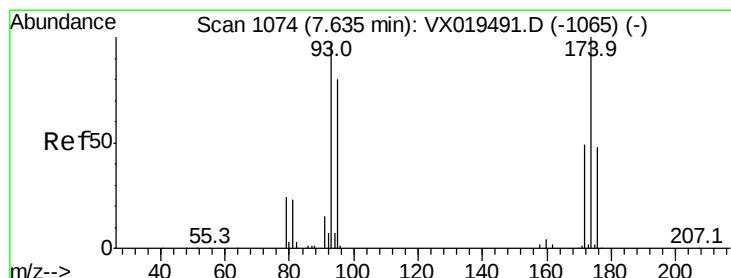
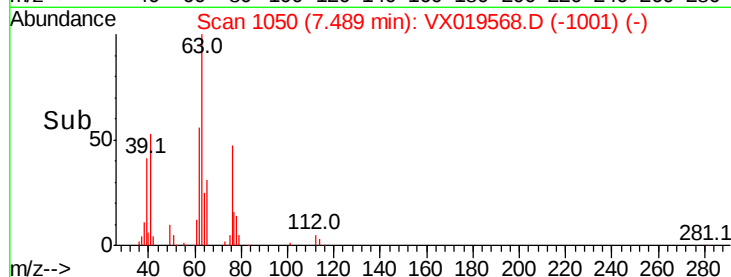
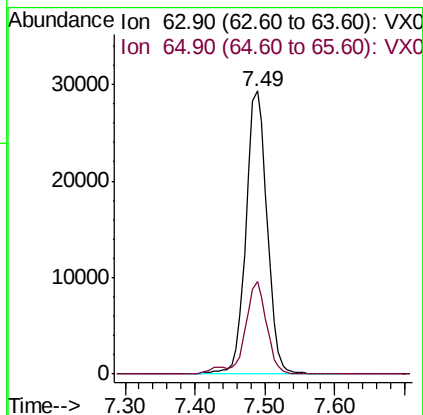
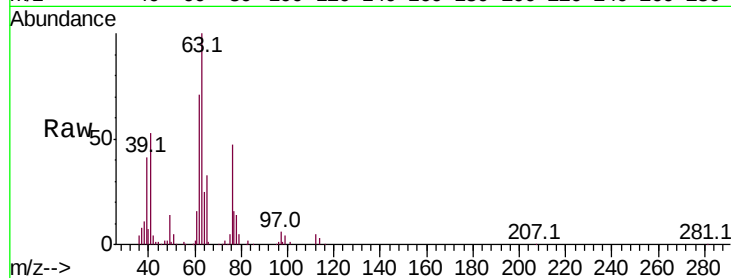
VX1123WBS02

Tot Ion: 63 Resp: 61701

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4



#46

Dibromomethane

Concen: 18.692 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

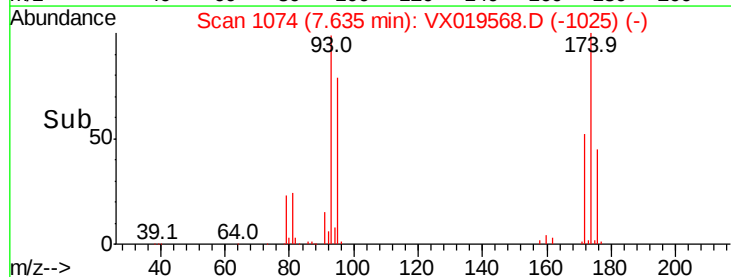
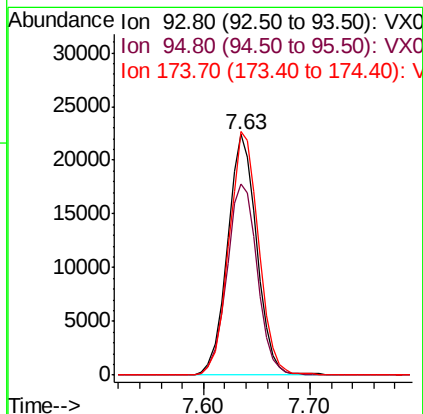
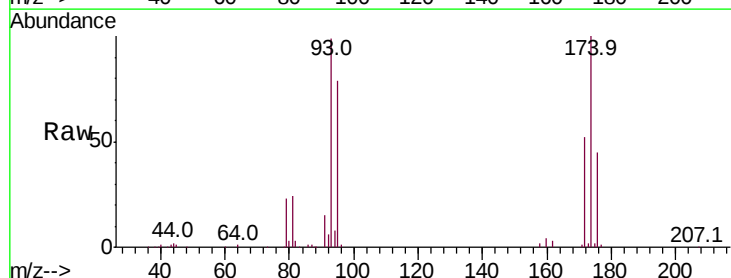
Tgt Ion: 93 Resp: 42909

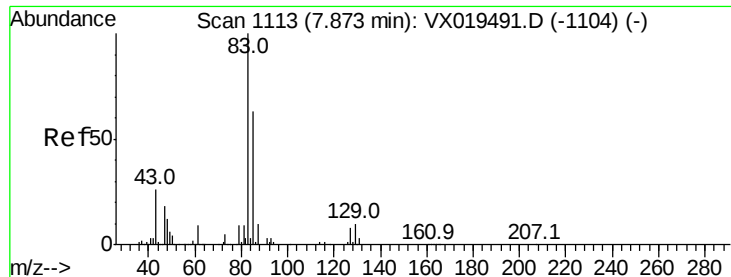
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 102.9 83.0 124.4





#47

Bromodichloromethane

Concen: 18.061 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

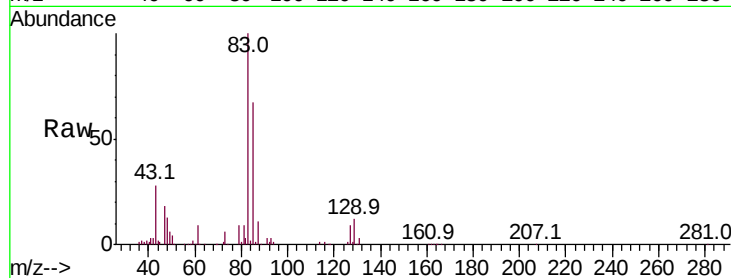
Tot Ion: 83 Resp: 80451

Ion Ratio Lower Upper

83 100

85 66.9 50.2 75.2

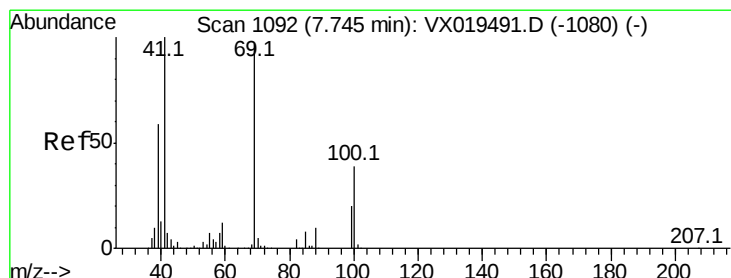
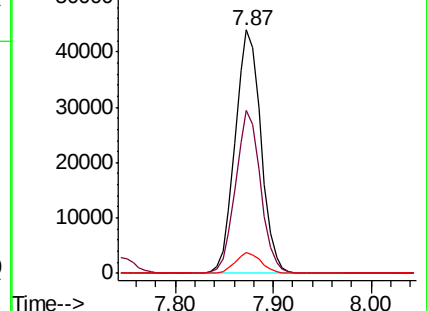
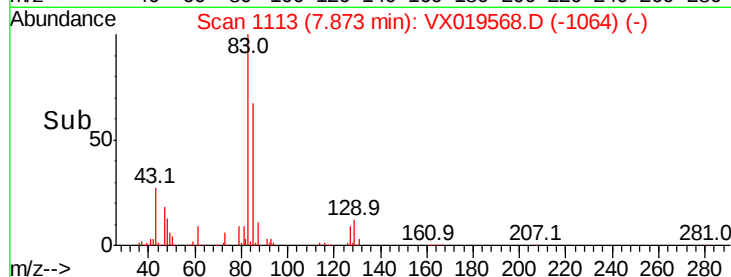
127 8.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.711 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

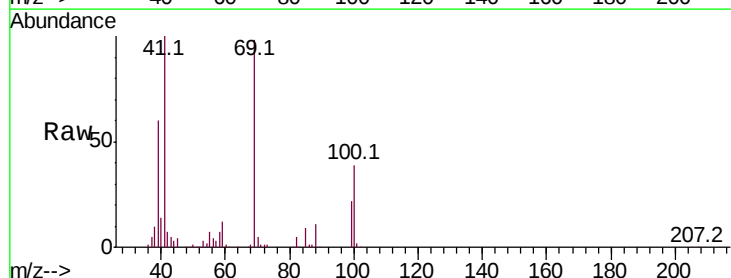
Tgt Ion: 41 Resp: 61319

Ion Ratio Lower Upper

41 100

69 96.7 77.0 115.6

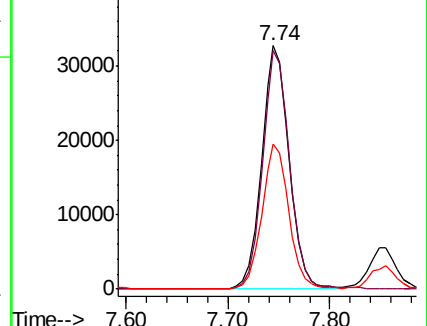
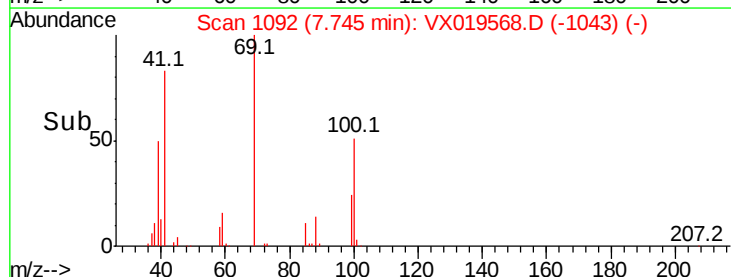
39 58.7 45.6 68.4

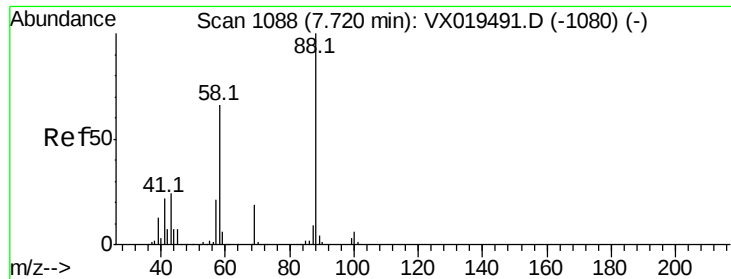


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

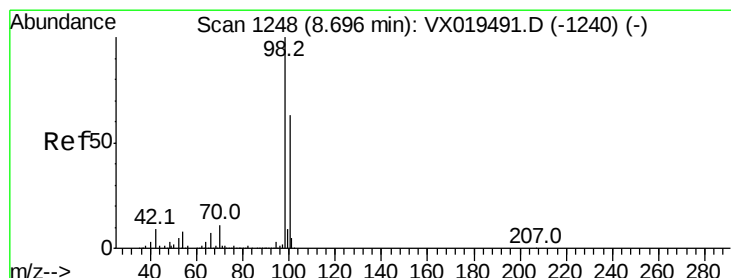
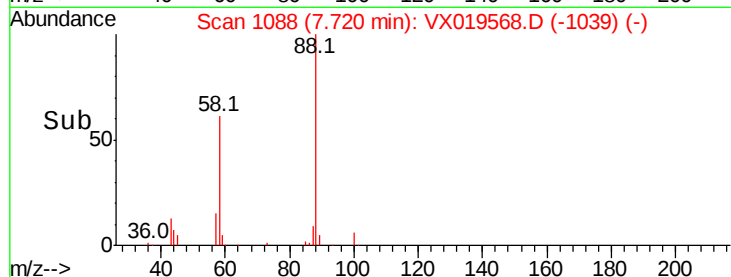
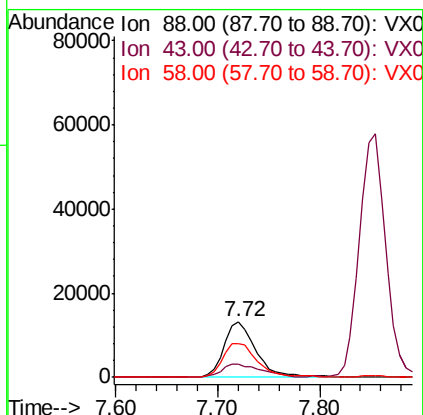
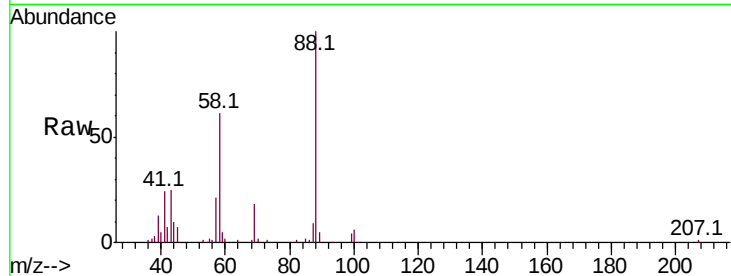




#49
 1,4-Dioxane
 Concen: 387.378 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

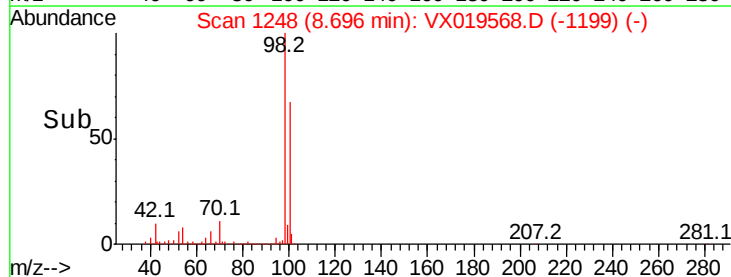
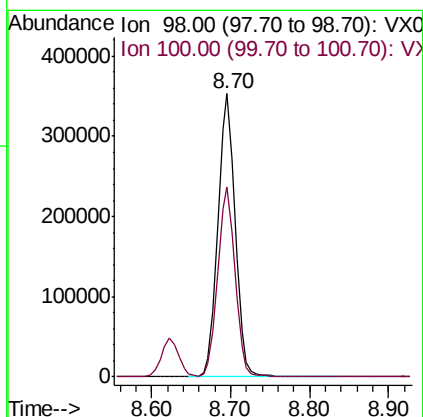
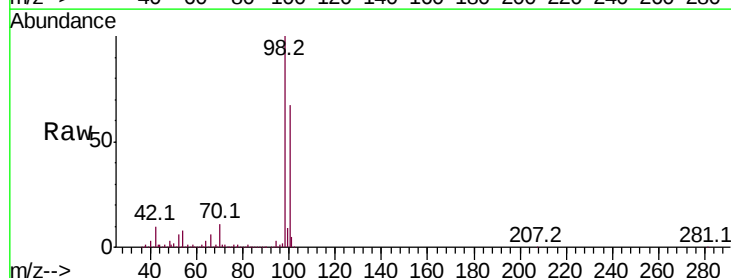
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

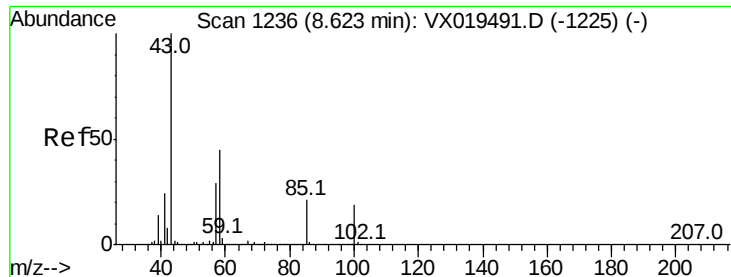
Tot Ion: 88 Resp: 28825
 Ion Ratio Lower Upper
 88 100
 43 27.4 23.8 35.6
 58 66.5 54.2 81.2



#50
 Toluene-d8
 Concen: 46.838 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 98 Resp: 540366
 Ion Ratio Lower Upper
 98 100
 100 67.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 92.803 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampled :

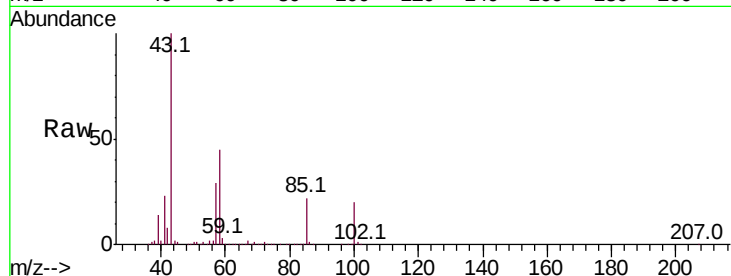
VX1123WBS02

Tot Ion: 43 Resp: 378691

Ion Ratio Lower Upper

43 100

58 44.4 35.1 52.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

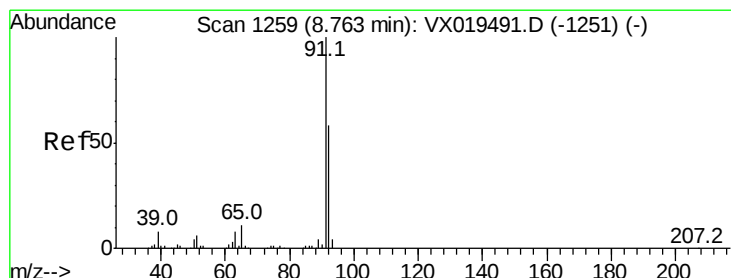
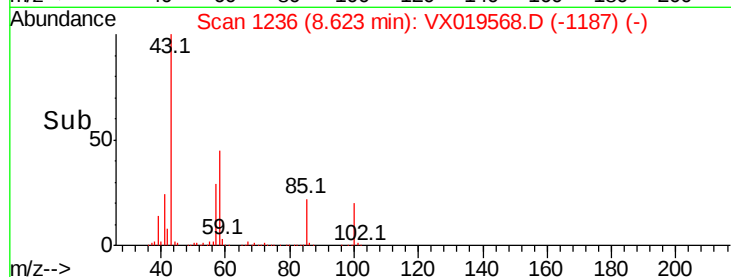
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.467 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019568.D

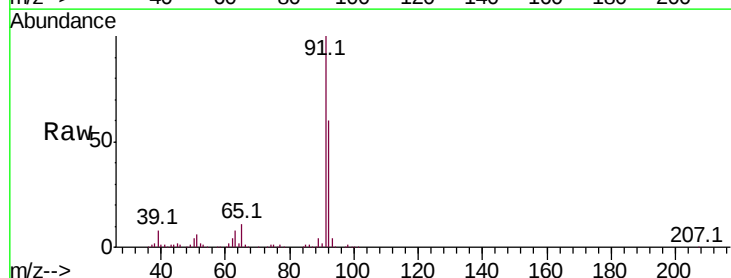
Acq: 23 Nov 2020 22:52

Tgt Ion: 92 Resp: 153916

Ion Ratio Lower Upper

92 100

91 169.7 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

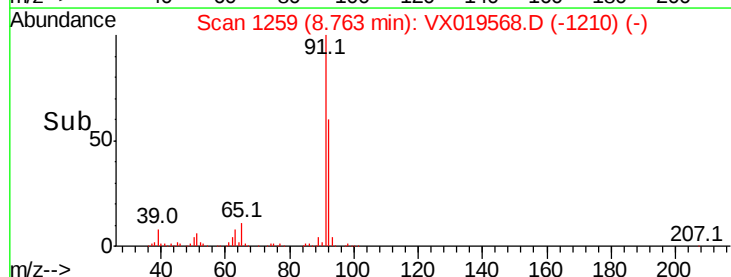
100000

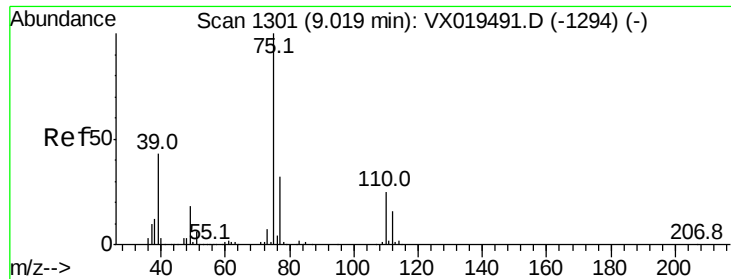
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.713 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

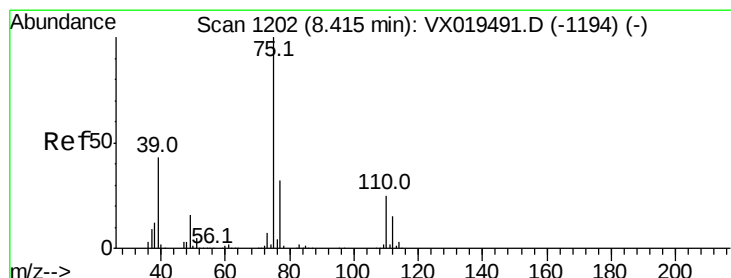
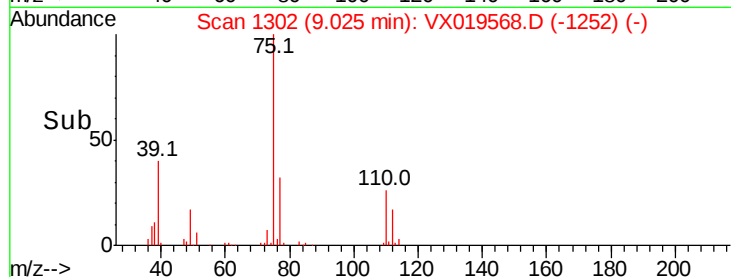
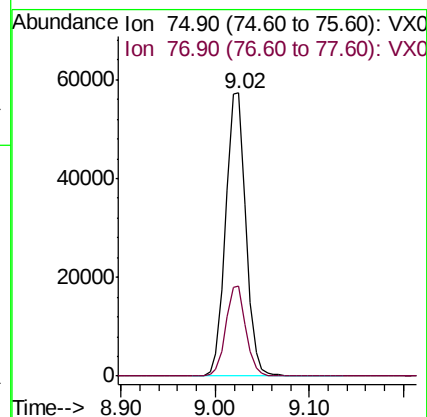
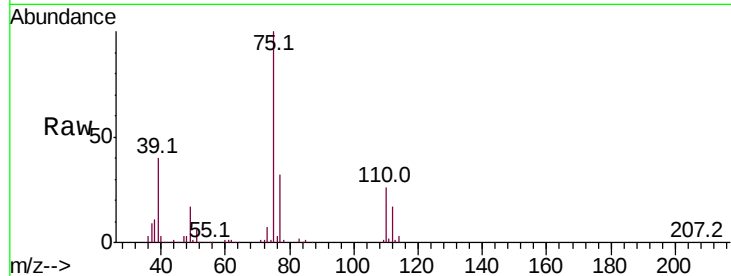
VX1123WBS02

Tot Ion: 75 Resp: 85212

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.031 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

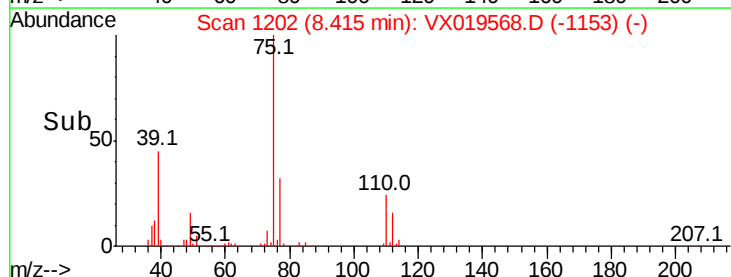
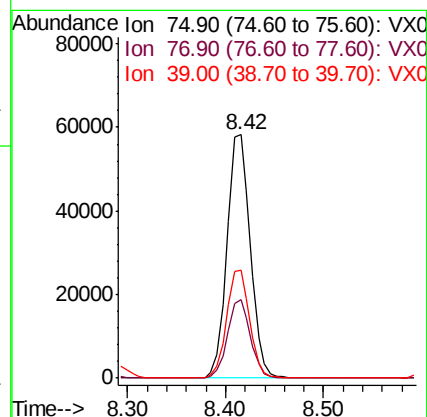
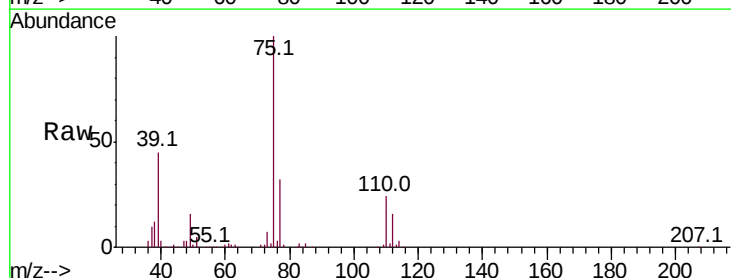
Tgt Ion: 75 Resp: 96266

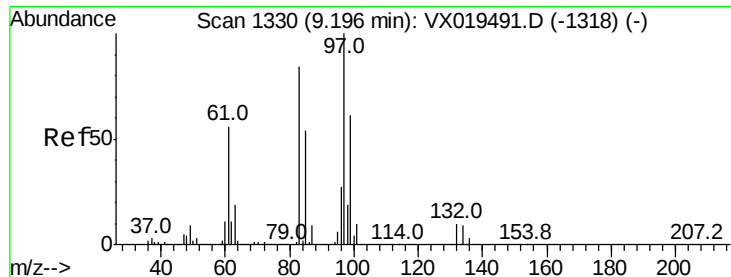
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 44.5 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 18.225 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

Tot Ion: 97 Resp: 61863

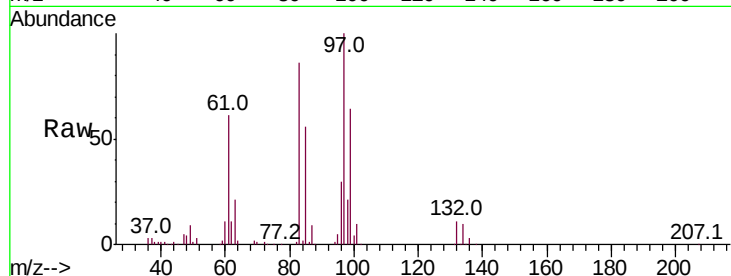
Ion Ratio Lower Upper

97 100

83 86.4 67.0 100.6

85 56.3 43.4 65.0

99 63.9 49.0 73.4

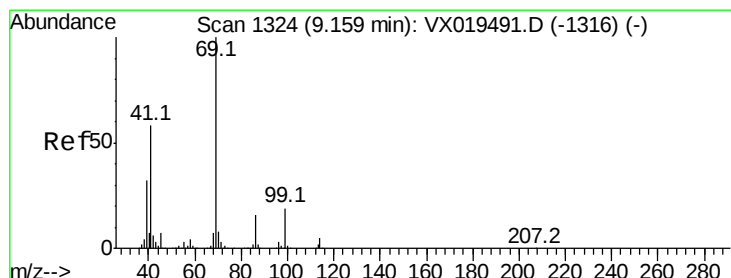
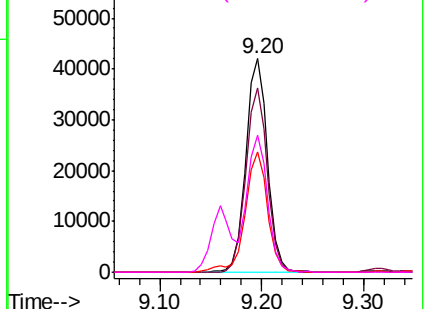
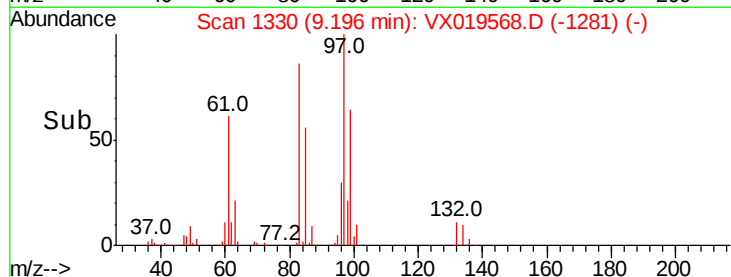


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.908 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

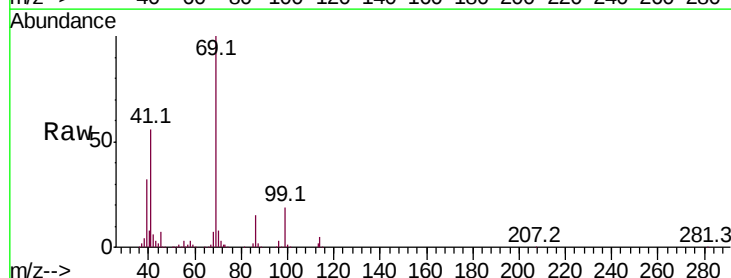
Tgt Ion: 69 Resp: 90816

Ion Ratio Lower Upper

69 100

41 57.3 46.2 69.2

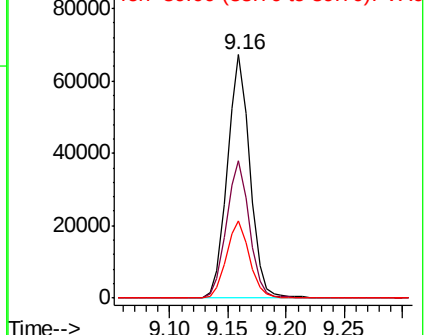
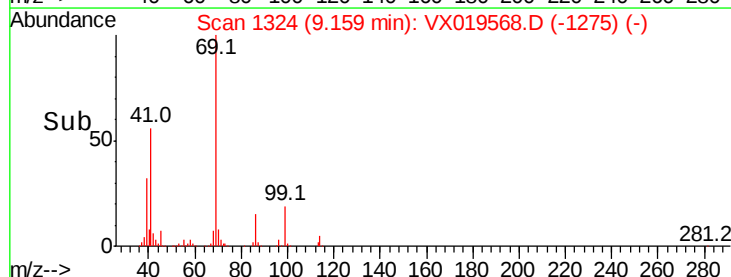
39 32.4 25.5 38.3

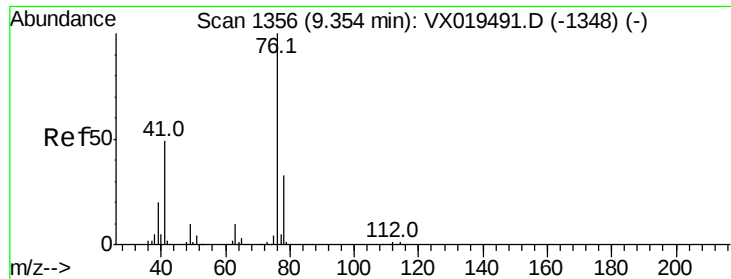


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.493 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

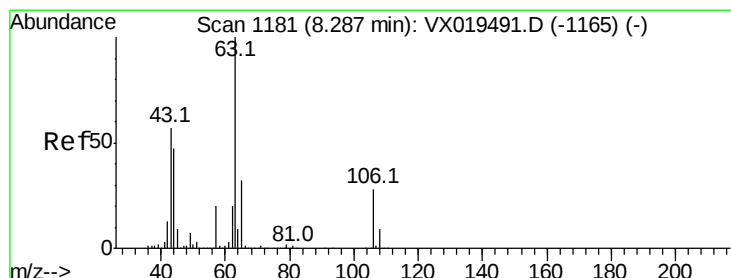
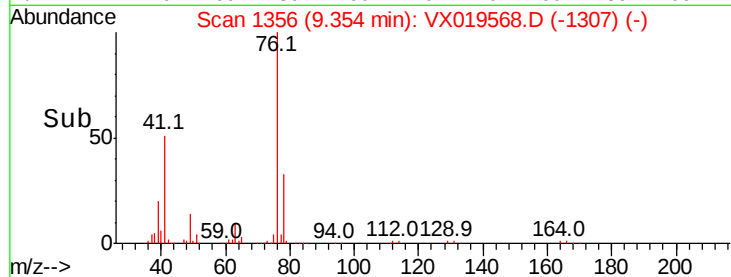
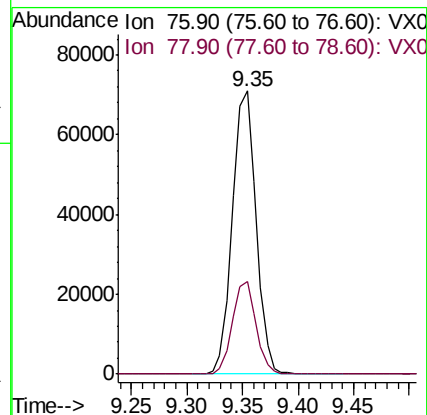
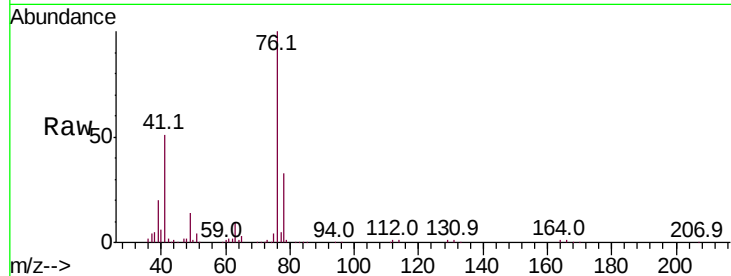
VX1123WBS02

Tot Ion: 76 Resp: 105096

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 86.476 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019568.D

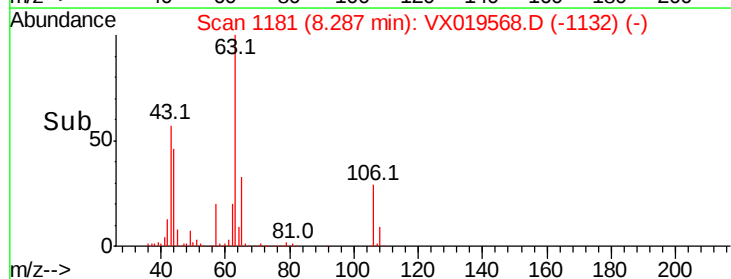
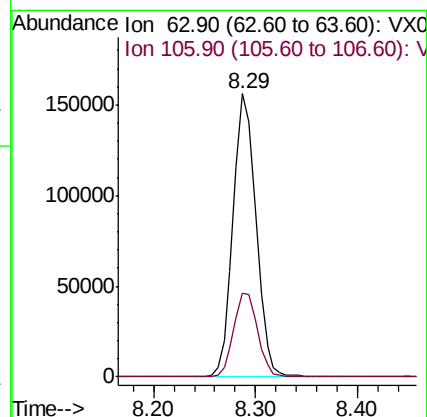
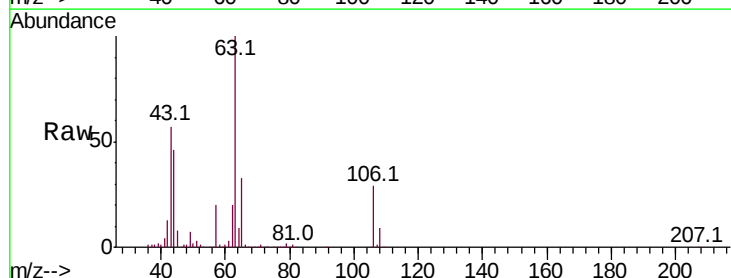
Acq: 23 Nov 2020 22:52

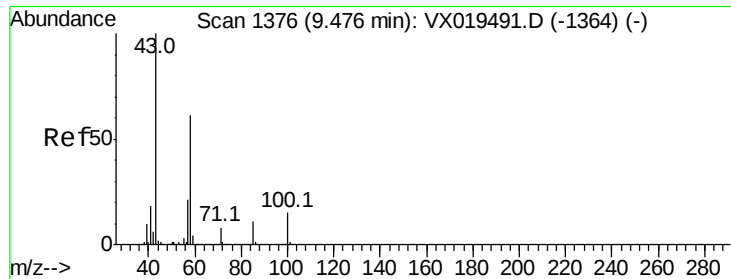
Tgt Ion: 63 Resp: 243376

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5

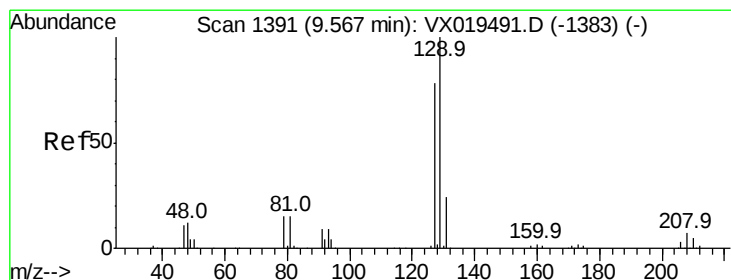
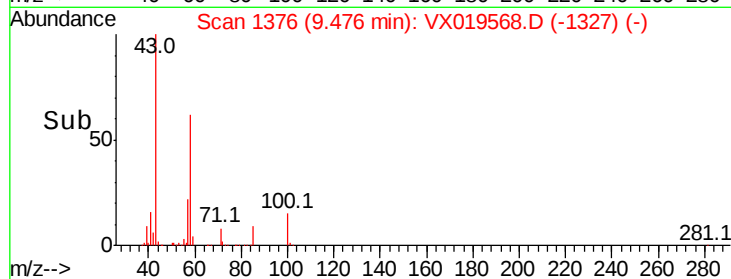
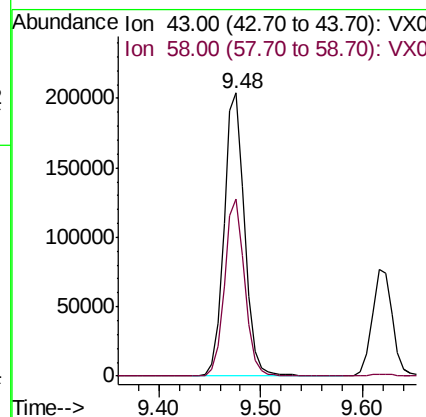
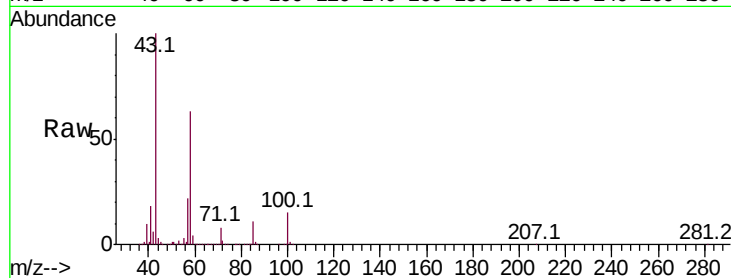




#59
2-Hexanone
Concen: 92.303 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

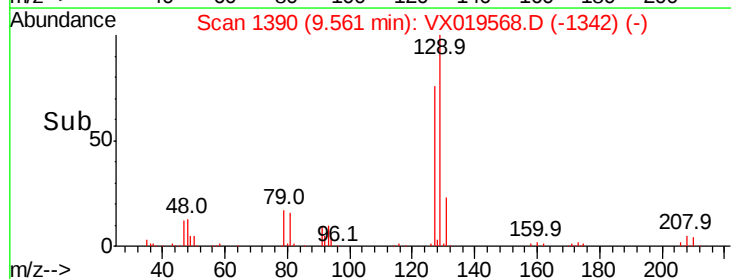
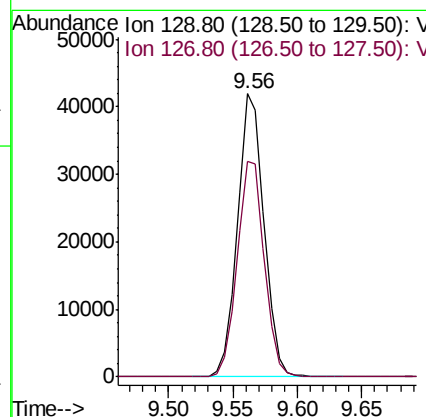
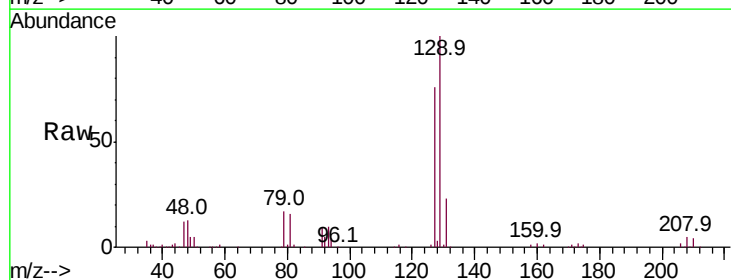
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

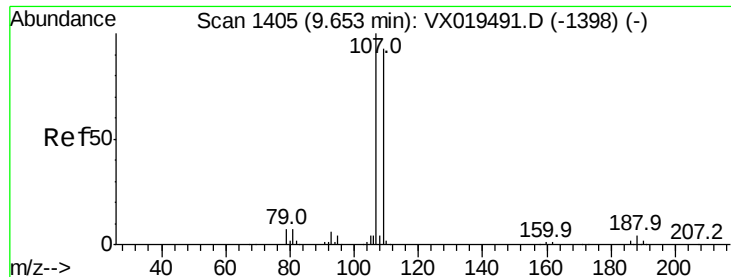
Tot Ion: 43 Resp: 285659
Ion Ratio Lower Upper
43 100
58 61.9 30.6 91.6



#60
Dibromochloromethane
Concen: 18.088 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 129 Resp: 60137
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.377 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

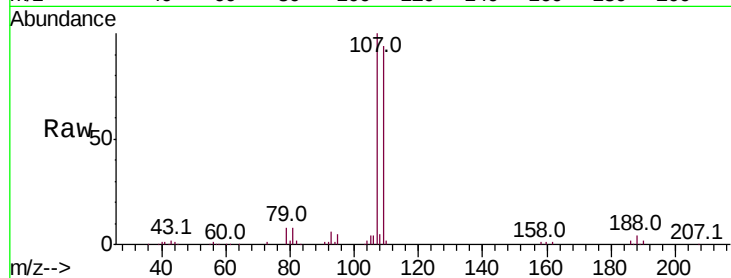
VX1123WBS02

Tot Ion:107 Resp: 64298

Ion Ratio Lower Upper

107 100

109 95.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

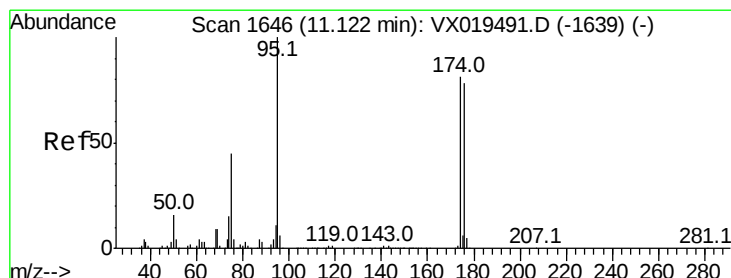
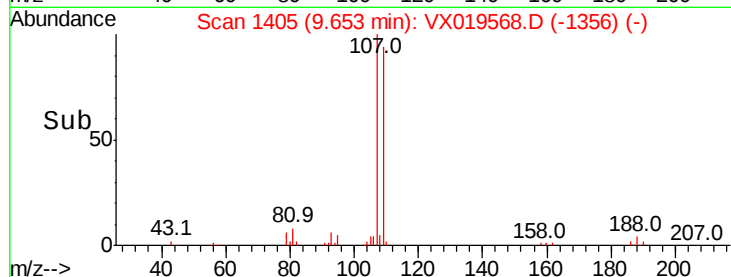
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.101 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

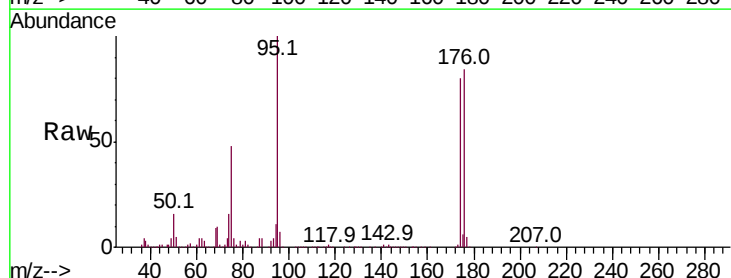
Tgt Ion: 95 Resp: 195508

Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.2

176 75.5 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

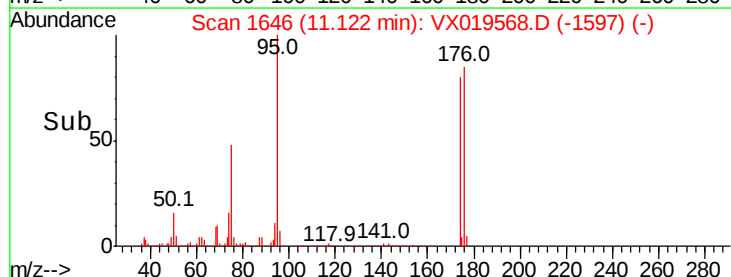
150000

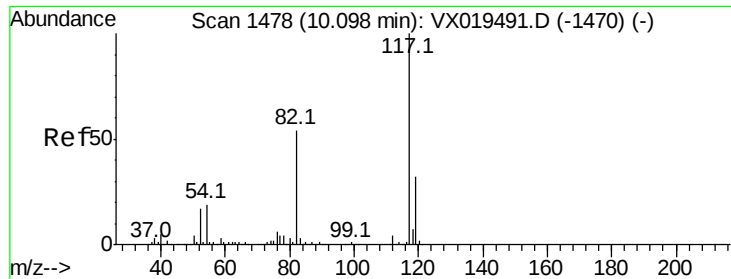
100000

50000

0

Time--> 11.10 11.20

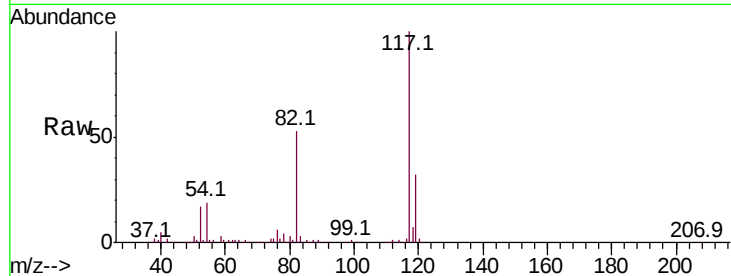




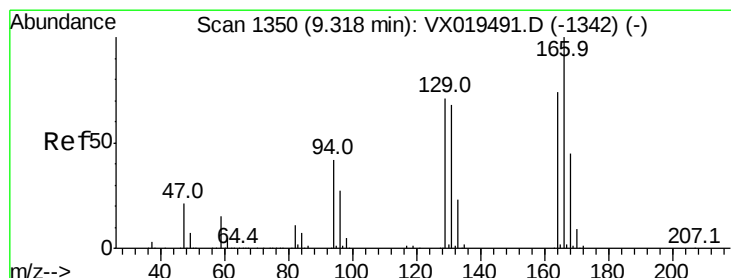
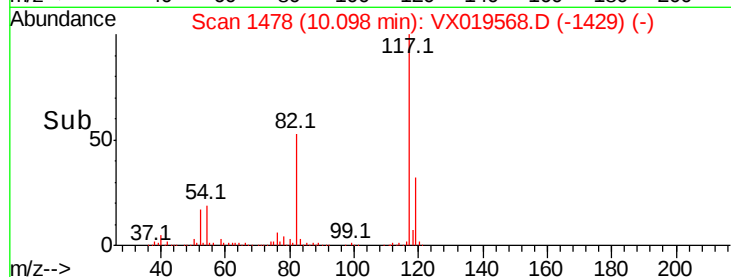
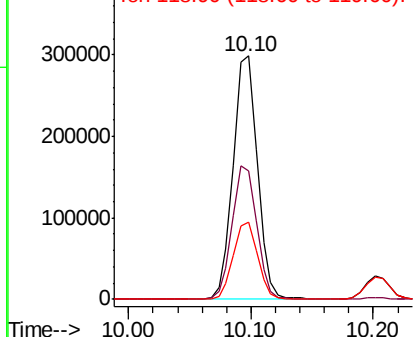
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion:117 Resp: 409137
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.9 25.6 38.4

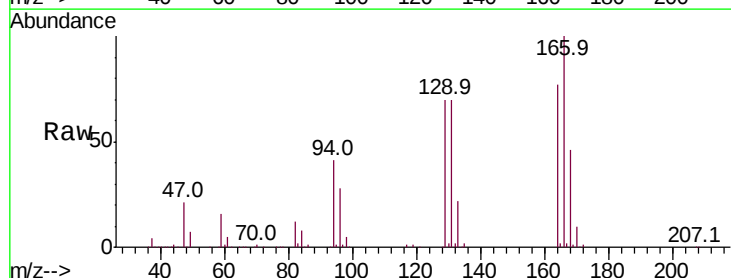


Abundance Ion 116.90 (116.60 to 117.60): V
400000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

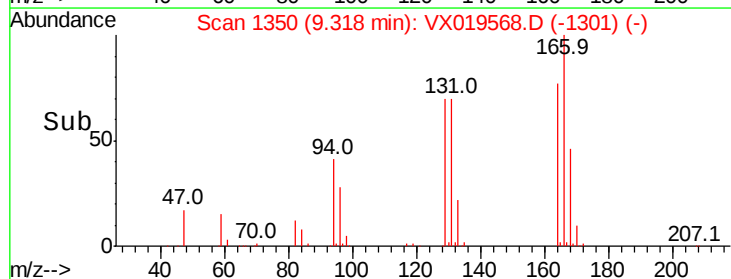
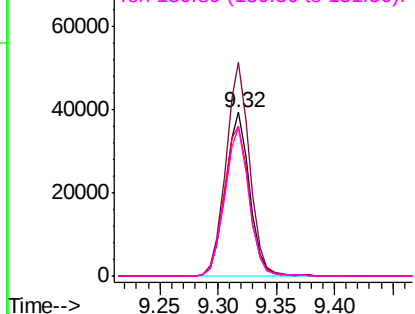


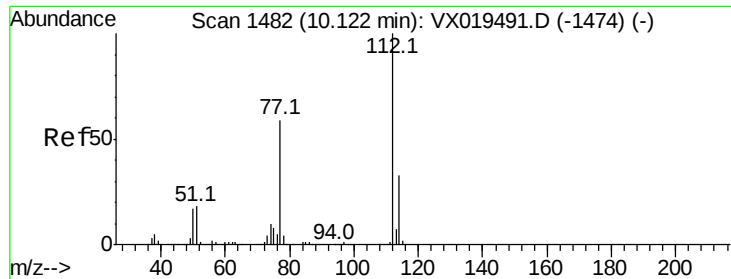
#64
Tetrachloroethene
Concen: 17.495 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:164 Resp: 56263
Ion Ratio Lower Upper
164 100
166 130.7 107.4 161.0
129 91.5 76.6 114.8
131 91.1 72.6 108.8



Abundance Ion 163.80 (163.50 to 164.50): V
80000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

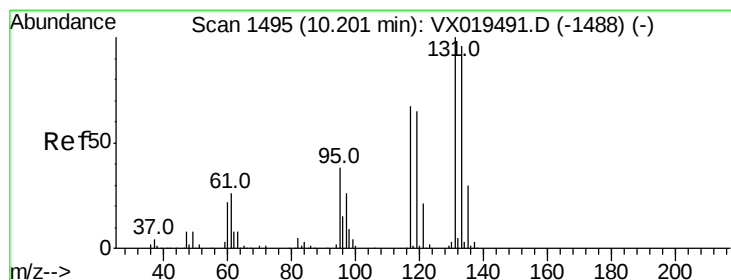
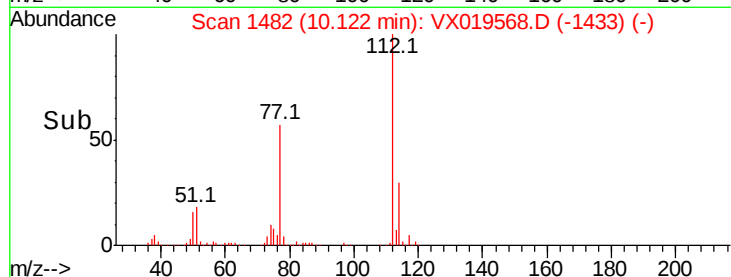
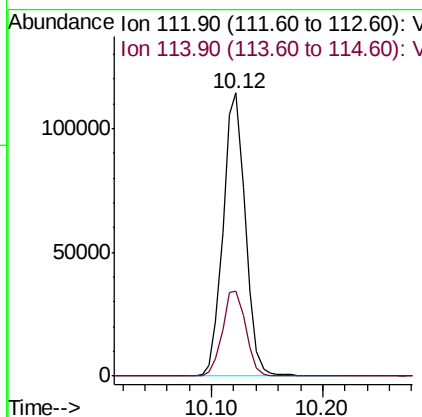
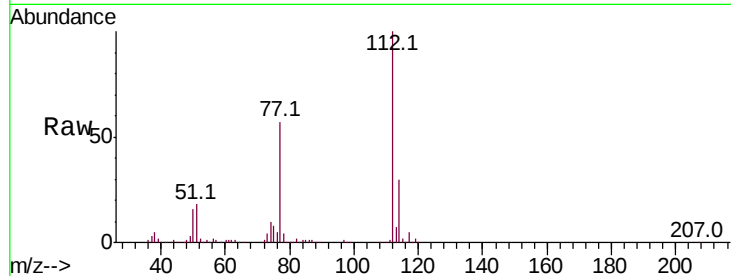




#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

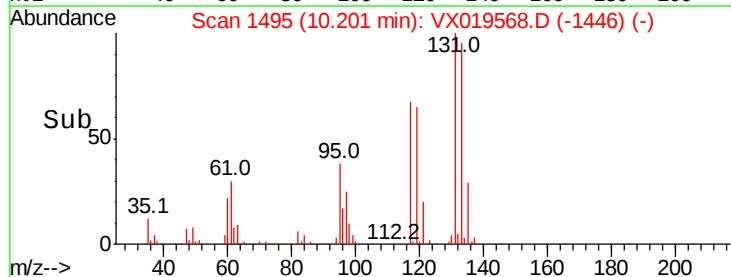
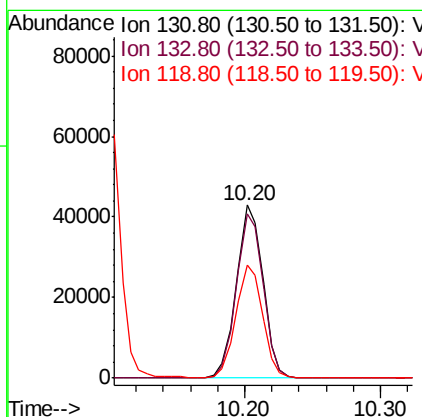
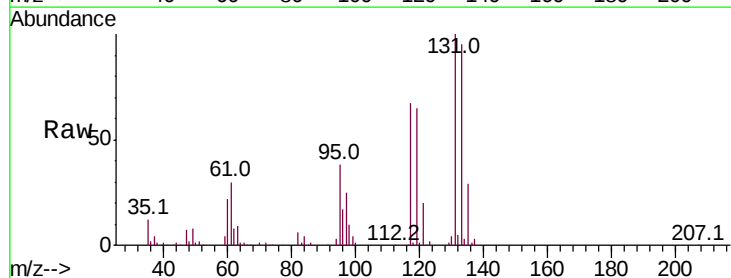
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS02

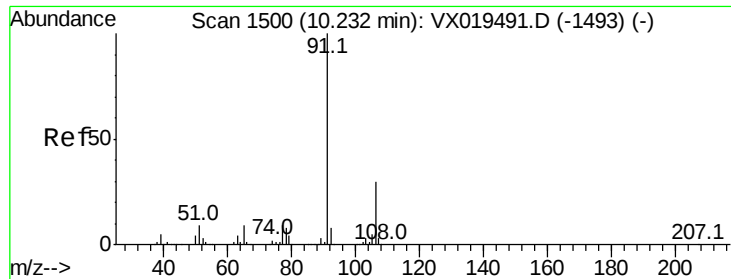
Tot Ion:112 Resp: 157907
Ion Ratio Lower Upper
112 100
114 30.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:131 Resp: 58444
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 65.9 33.0 99.0

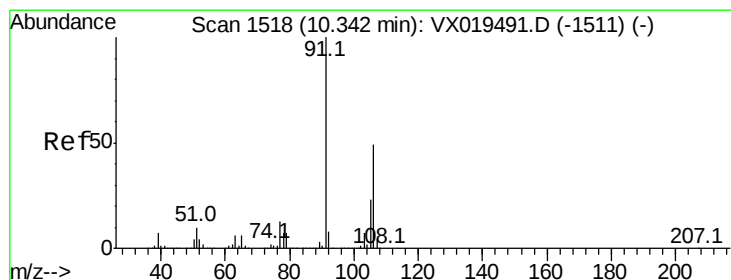
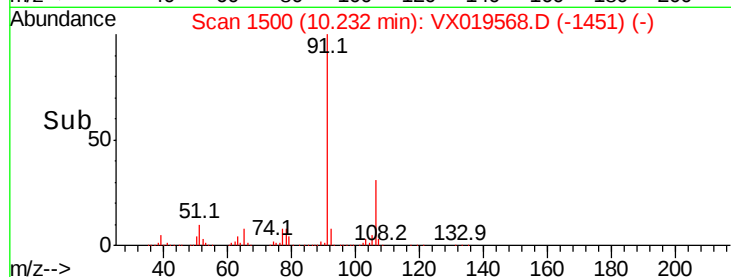
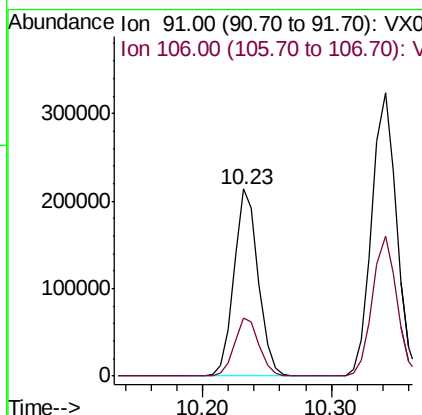
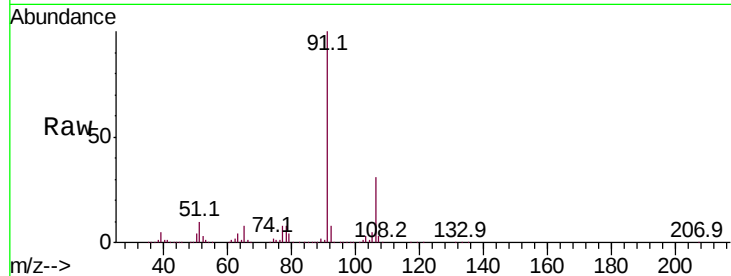




#67
Ethyl Benzene
Concen: 19.071 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

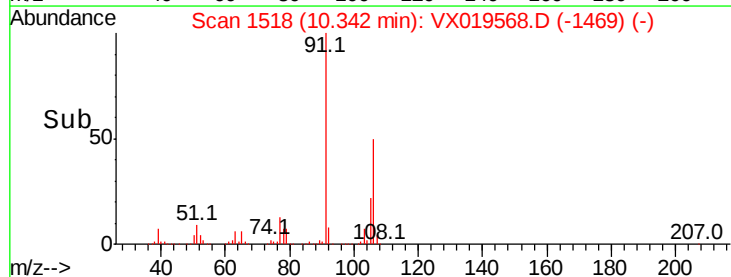
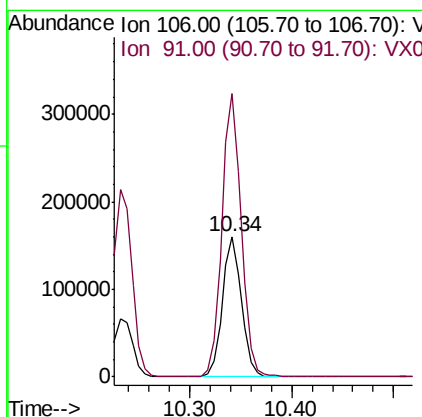
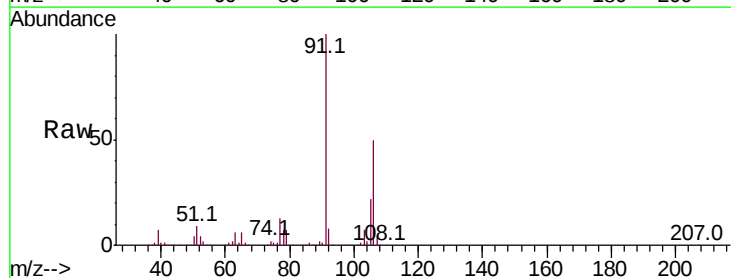
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

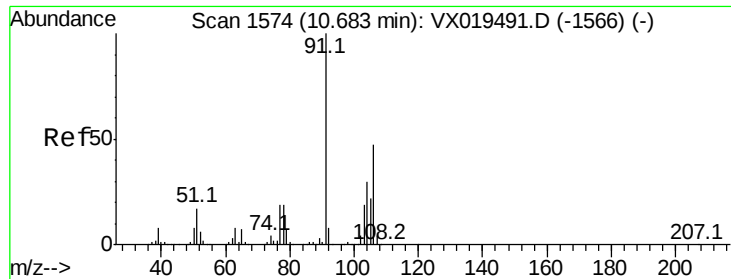
Tot Ion: 91 Resp: 281035
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 38.023 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 106 Resp: 208756
Ion Ratio Lower Upper
106 100
91 204.3 163.3 244.9

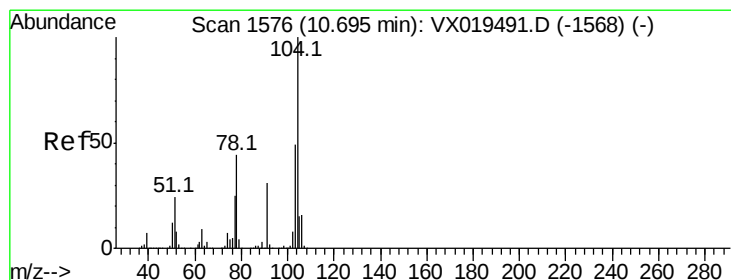
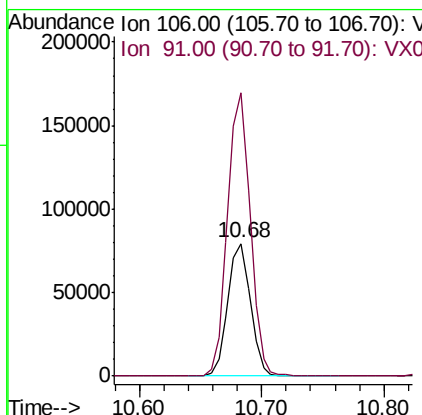
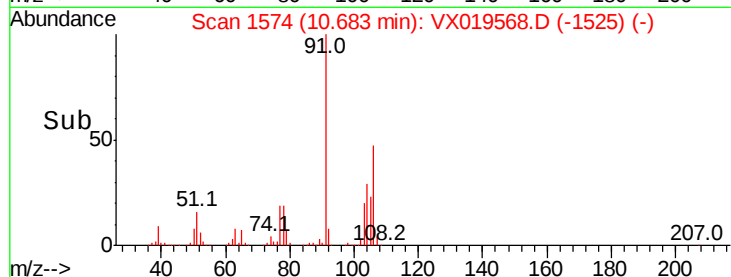
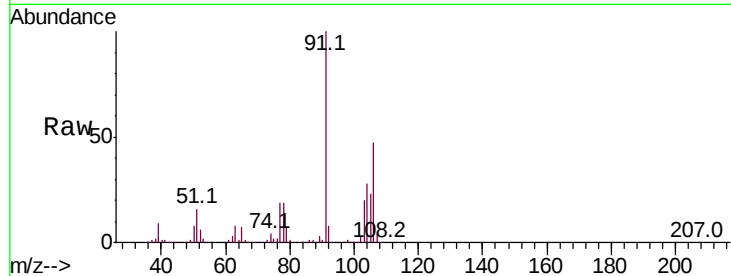




#69
o-Xylene
Concen: 19.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

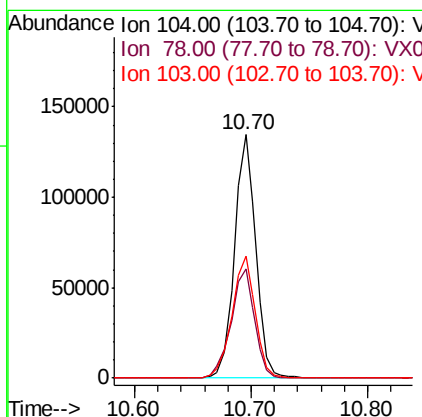
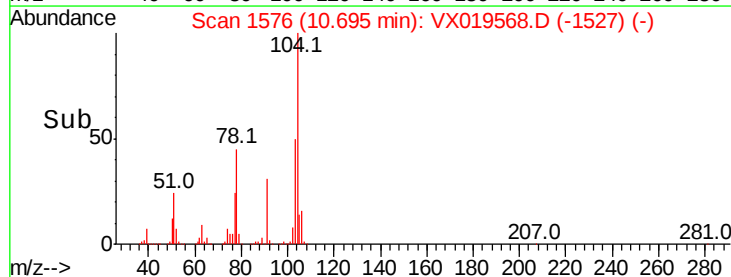
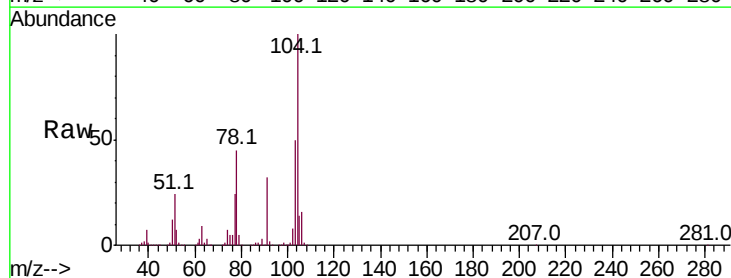
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

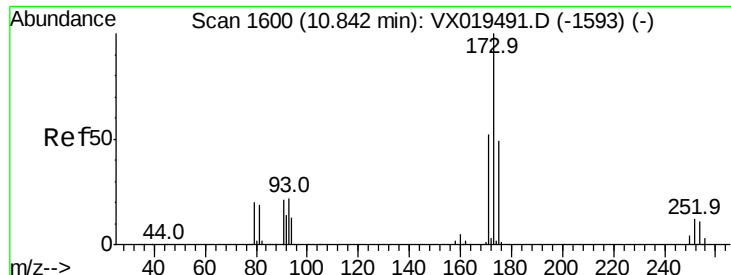
Tot Ion:106 Resp: 102184
Ion Ratio Lower Upper
106 100
91 214.0 108.0 324.0



#70
Styrene
Concen: 18.615 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:104 Resp: 170469
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 18.264 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

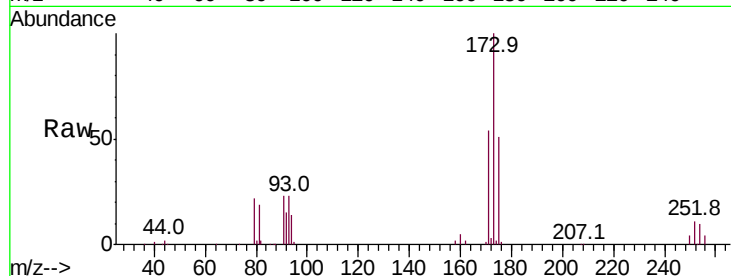
Tot Ion:173 Resp: 40951

Ion Ratio Lower Upper

173 100

175 50.6 24.9 74.8

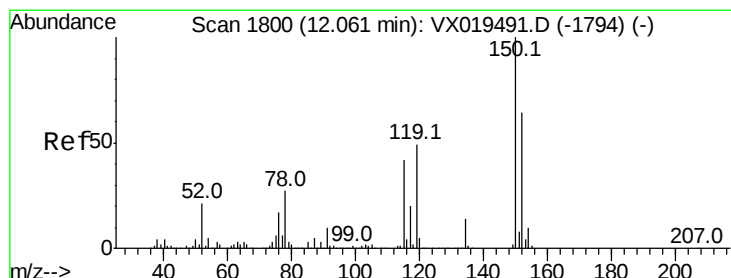
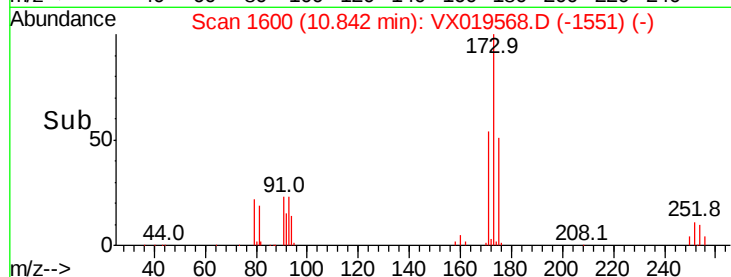
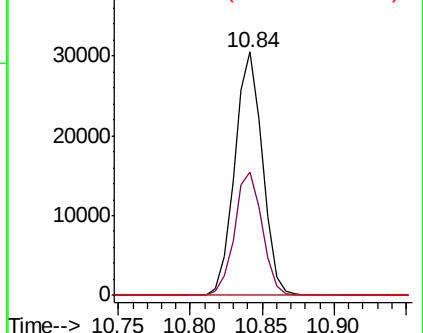
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

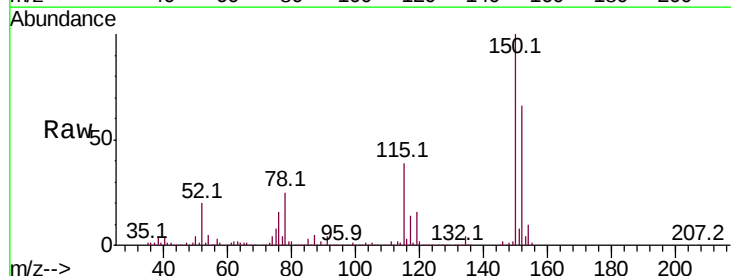
Tgt Ion:152 Resp: 193069

Ion Ratio Lower Upper

152 100

115 68.5 41.8 125.4

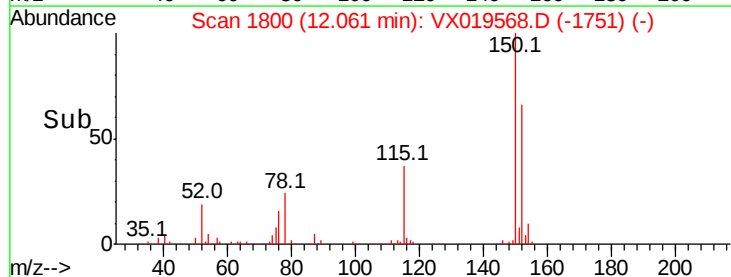
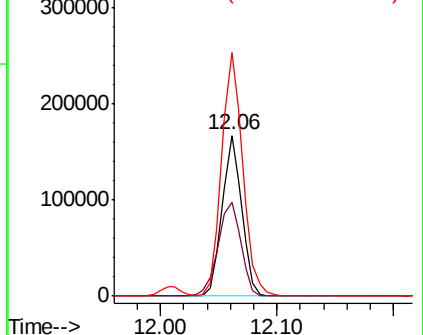
150 163.5 0.0 348.2

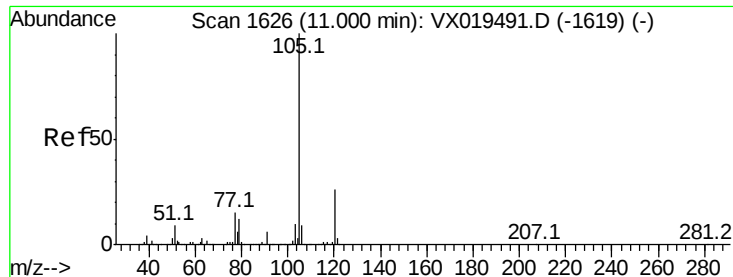


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.433 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

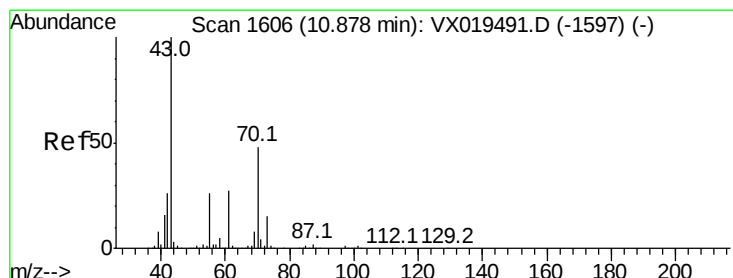
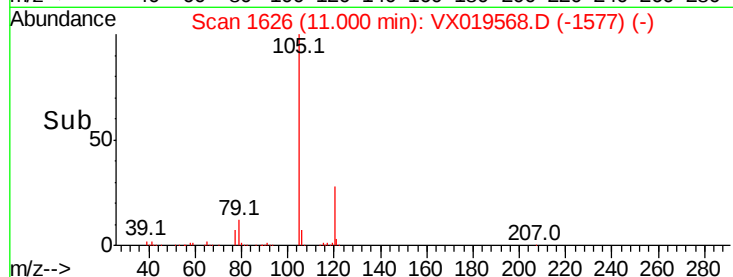
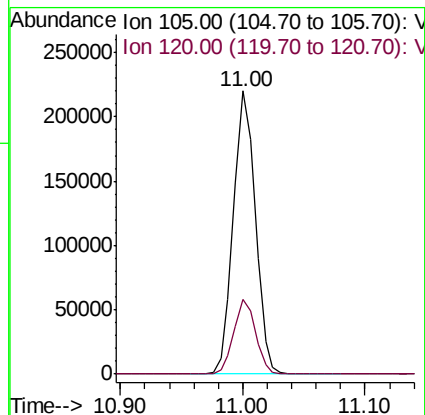
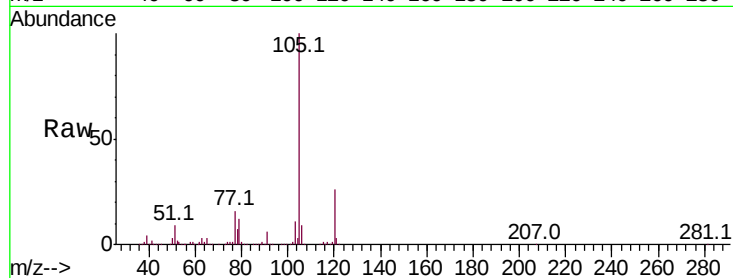
VX1123WBS02

Tot Ion:105 Resp: 272907

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 20.559 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Tgt Ion: 43 Resp: 102894

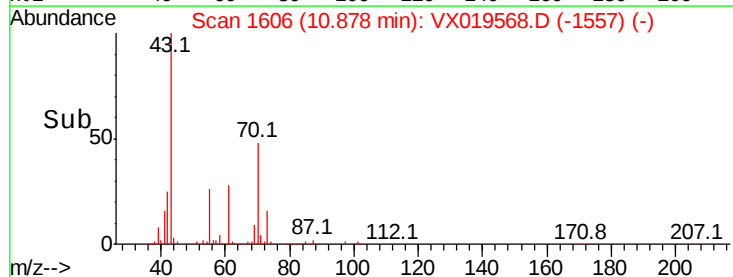
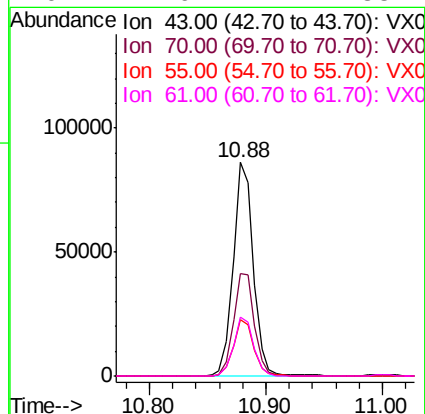
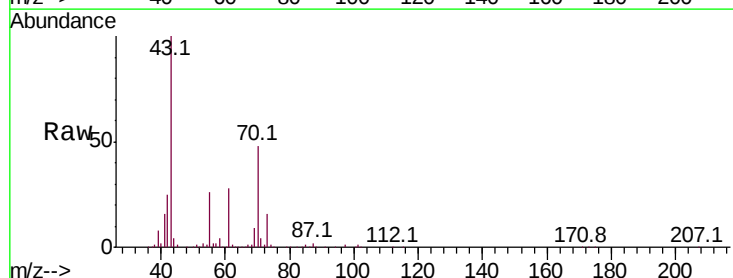
Ion Ratio Lower Upper

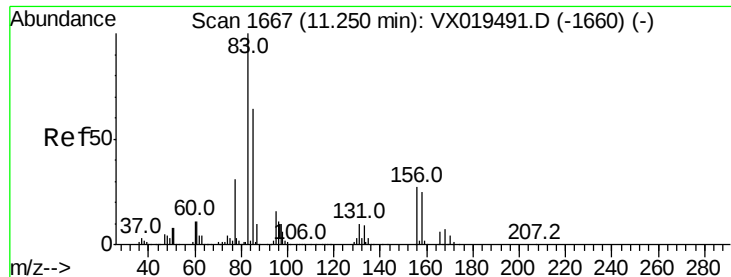
43 100

70 50.4 39.7 59.5

55 26.9 21.8 32.6

61 27.6 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.854 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

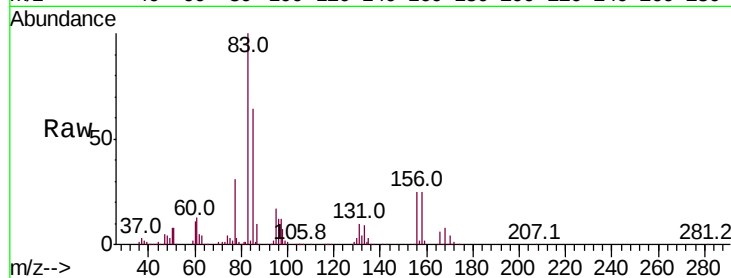
Tot Ion: 83 Resp: 94829

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

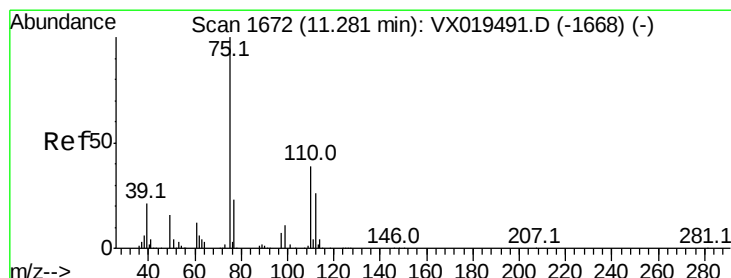
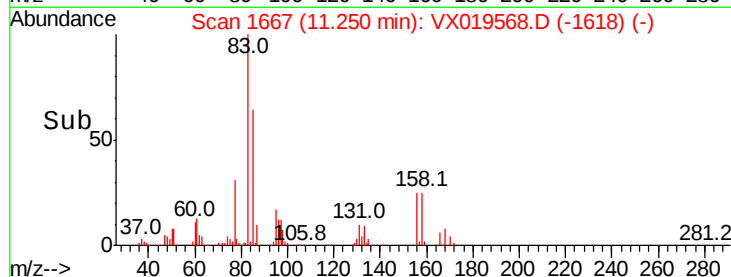
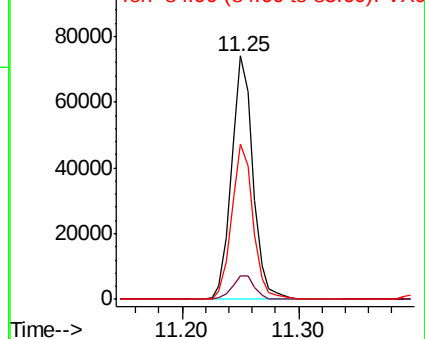
85 63.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.398 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019568.D

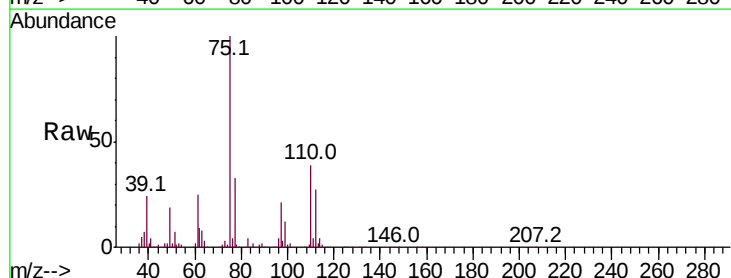
Acq: 23 Nov 2020 22:52

Tgt Ion: 75 Resp: 102801

Ion Ratio Lower Upper

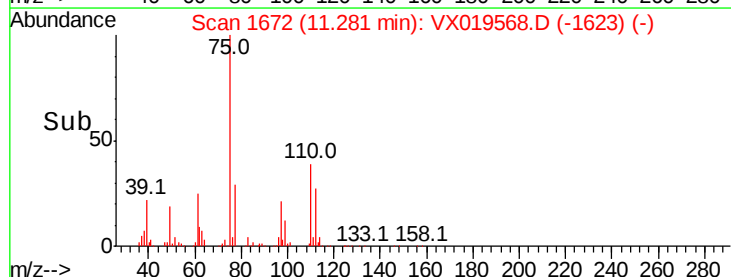
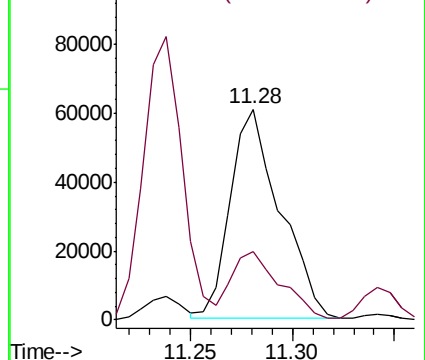
75 100

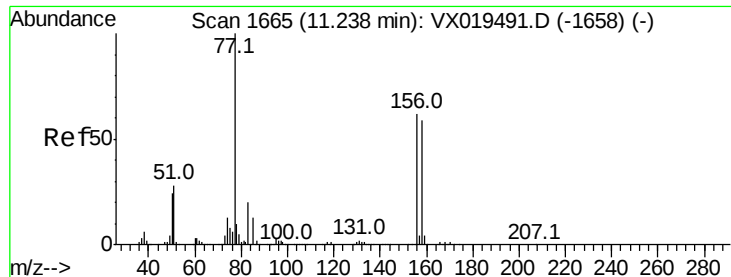
77 32.2 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.903 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

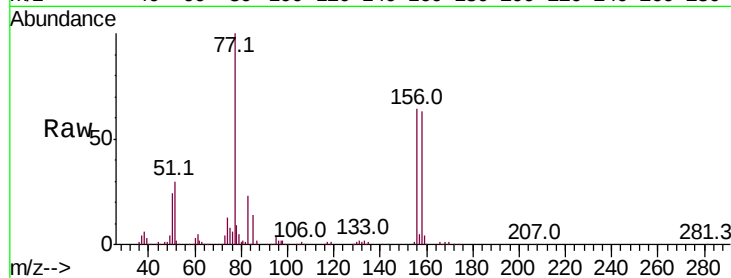
Tot Ion:156 Resp: 67862

Ion Ratio Lower Upper

156 100

77 160.7 82.5 247.3

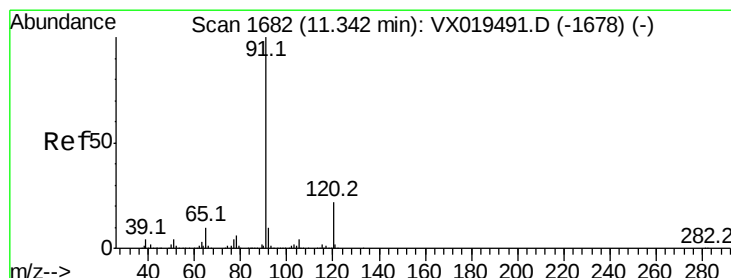
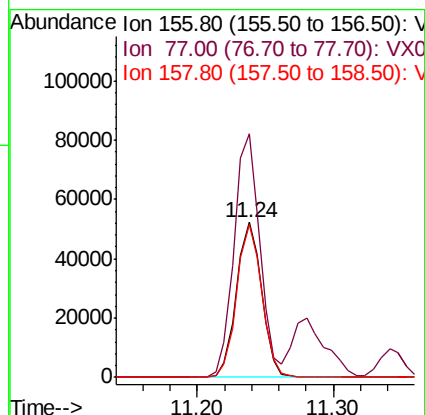
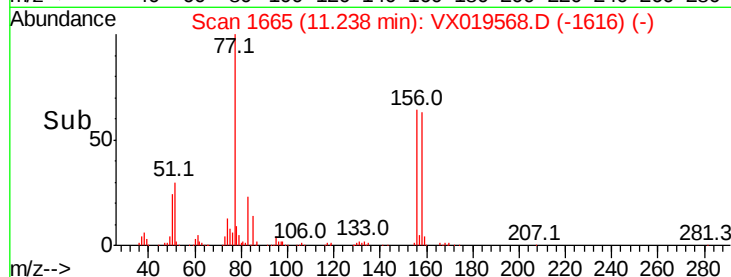
158 97.4 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.501 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019568.D

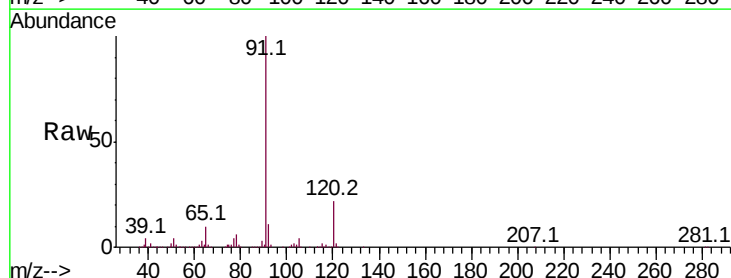
Acq: 23 Nov 2020 22:52

Tgt Ion: 91 Resp: 298799

Ion Ratio Lower Upper

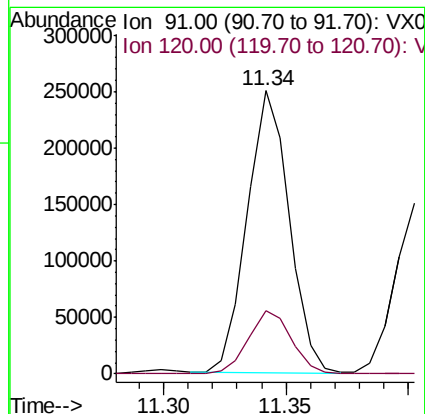
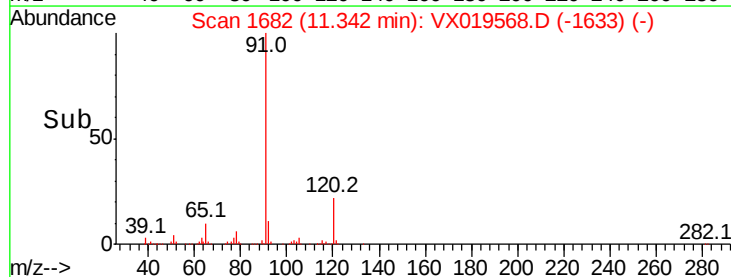
91 100

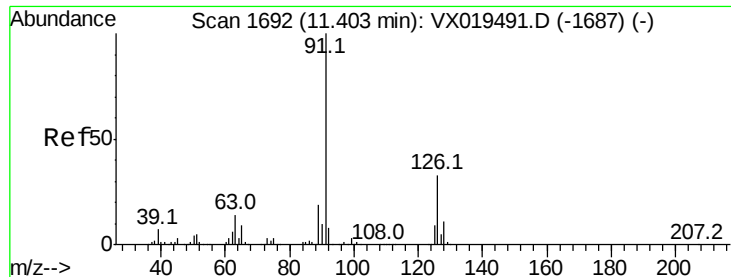
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

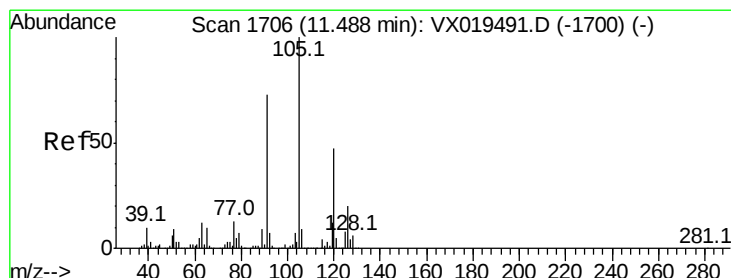
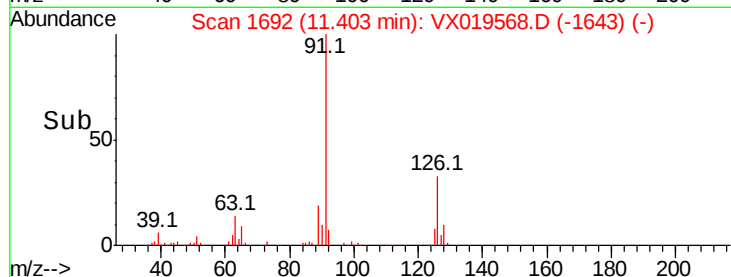
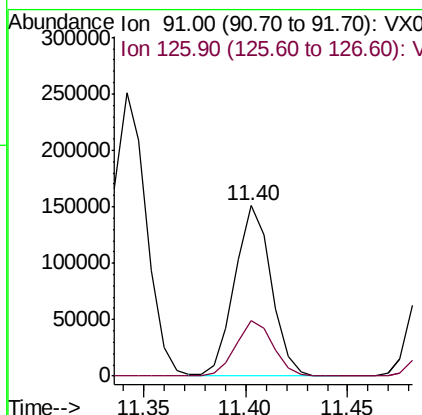
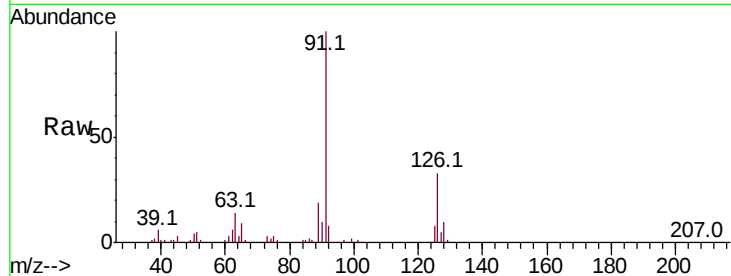




#79
 2-Chlorotoluene
 Concen: 20.178 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

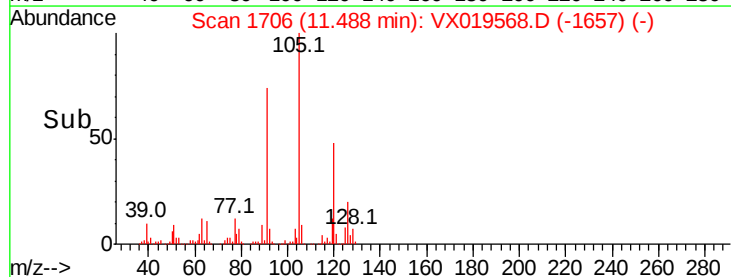
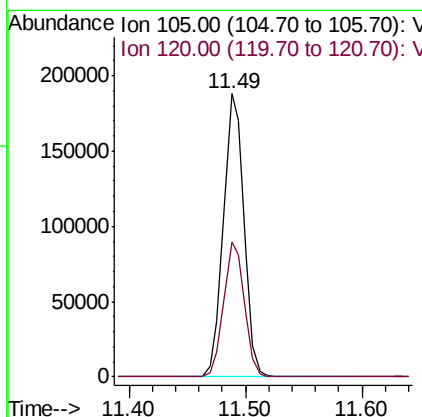
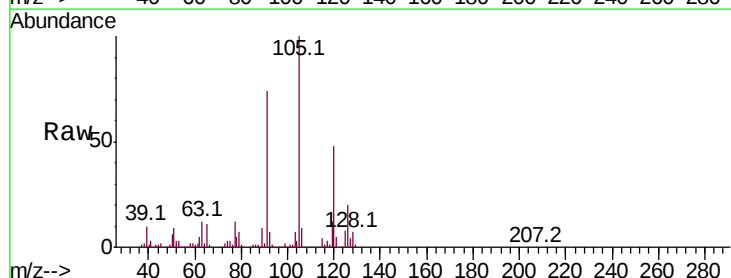
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

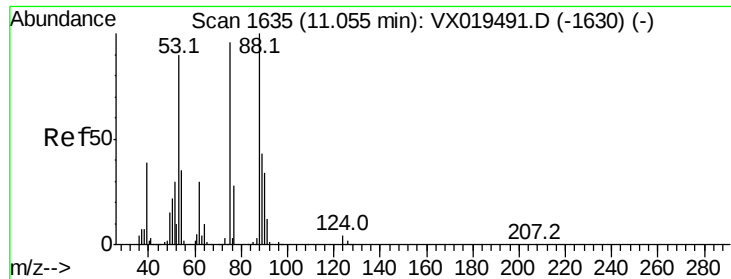
Tot Ion: 91 Resp: 187496
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.363 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 105 Resp: 228150
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3

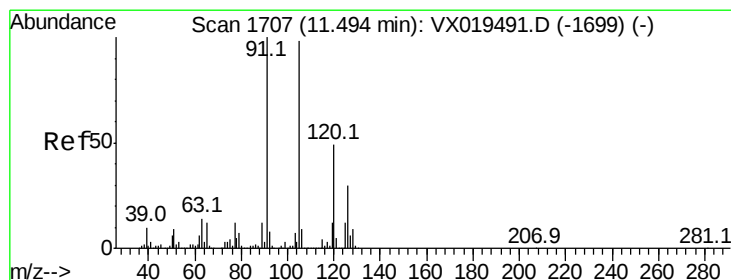
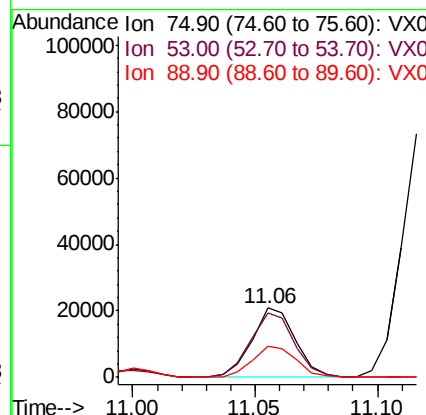
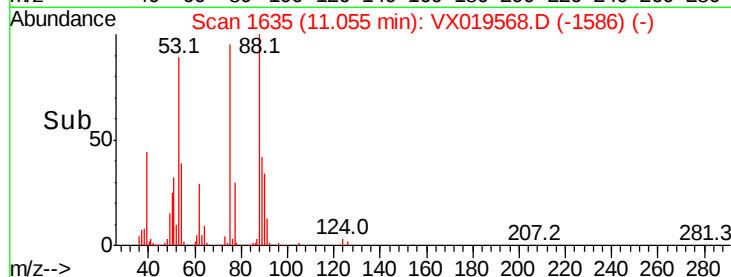
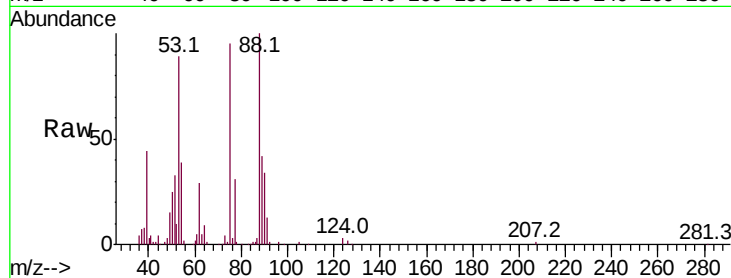




#81
trans-1,4-Dichloro-2-butene
Concen: 19.237 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

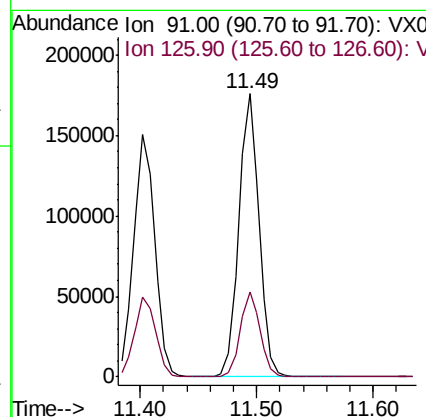
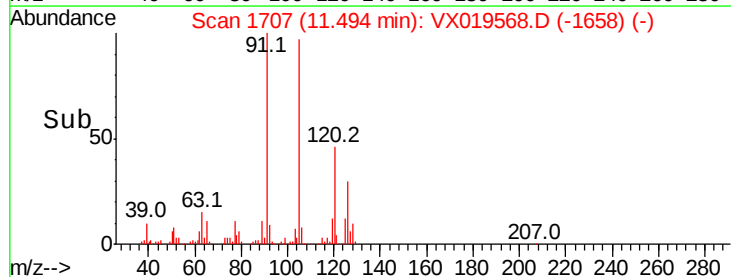
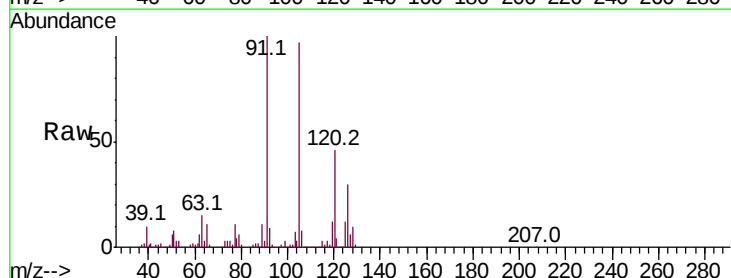
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

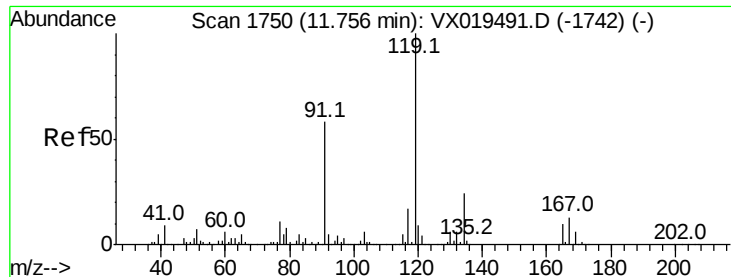
Tot Ion: 75 Resp: 25570
Ion Ratio Lower Upper
75 100
53 97.0 73.9 110.9
89 46.3 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.526 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 91 Resp: 213590
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.7

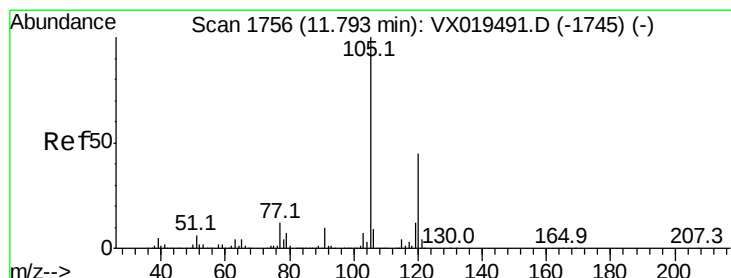
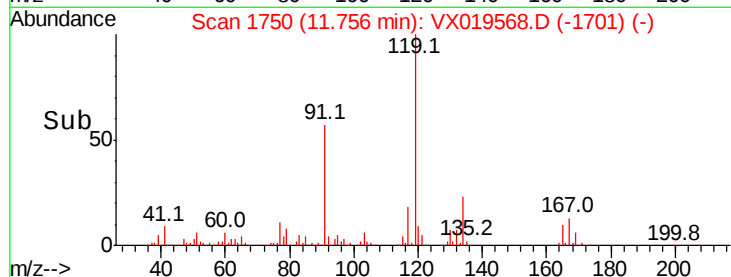
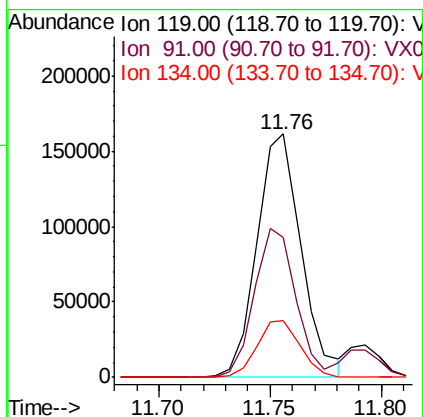
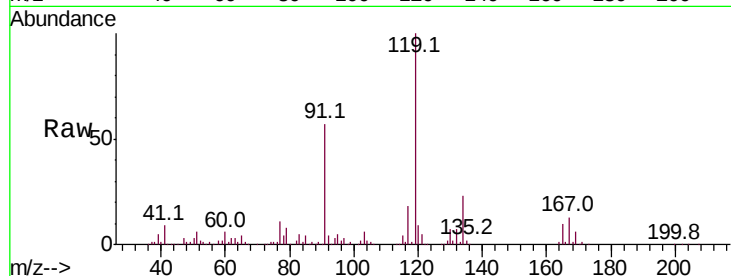




#83
tert-Butylbenzene
Concen: 20.619 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

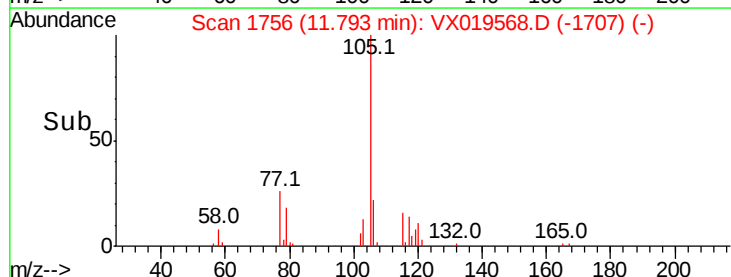
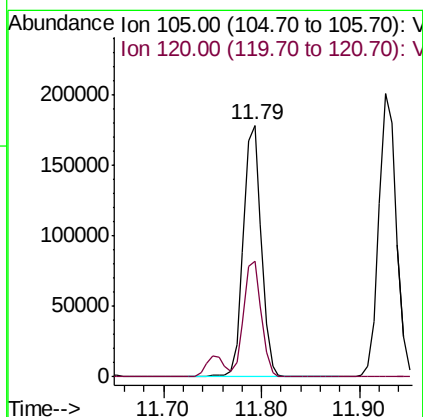
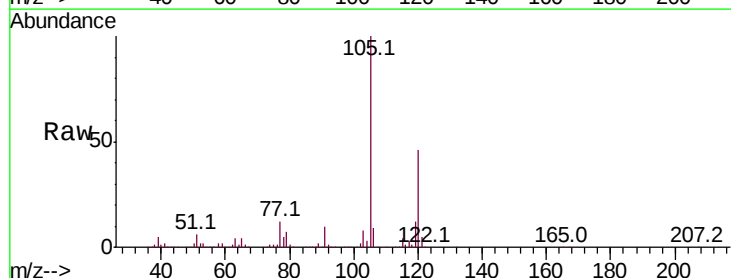
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

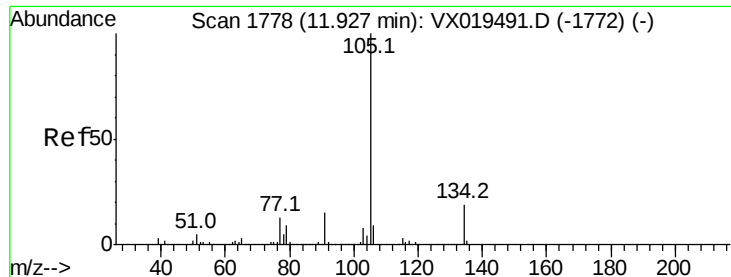
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.9	86.8
134	22.9	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 20.044 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.2	66.6





#85

sec-Butylbenzene

Concen: 19.321 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

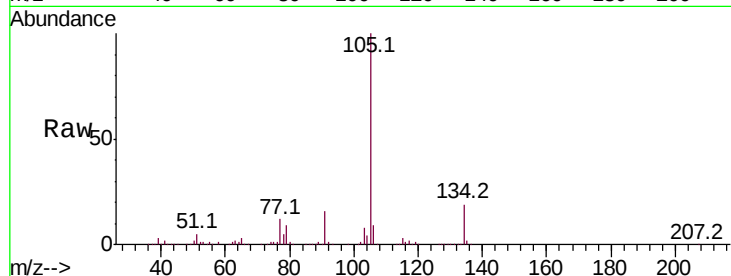
VX1123WBS02

Tot Ion:105 Resp: 249153

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

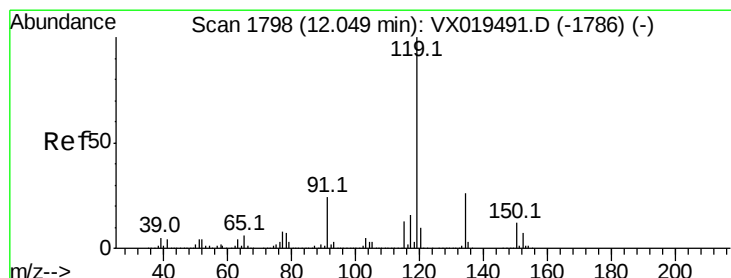
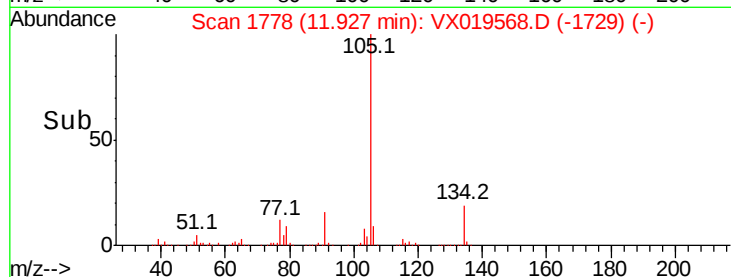
100000

50000

0

11.90 11.93 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.526 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

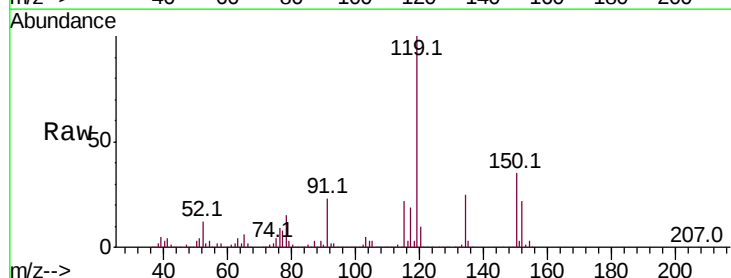
Tgt Ion:119 Resp: 228608

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.3 11.8 35.4



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

250000

200000

150000

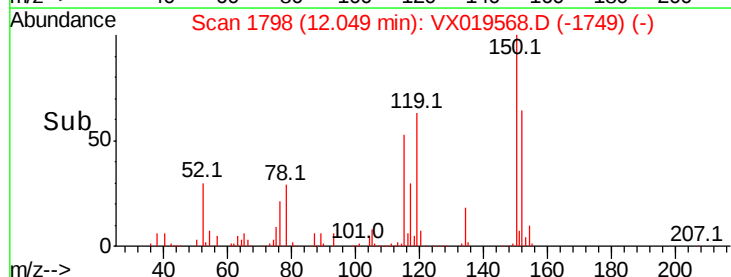
100000

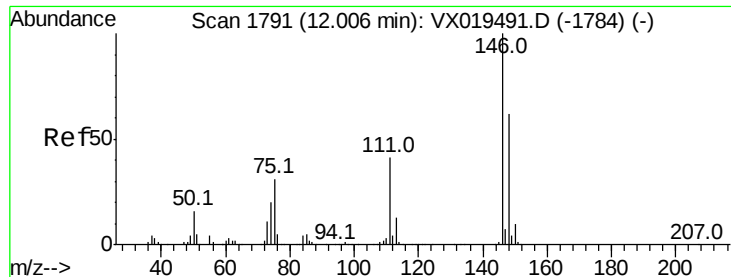
50000

0

12.00 12.05 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.908 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

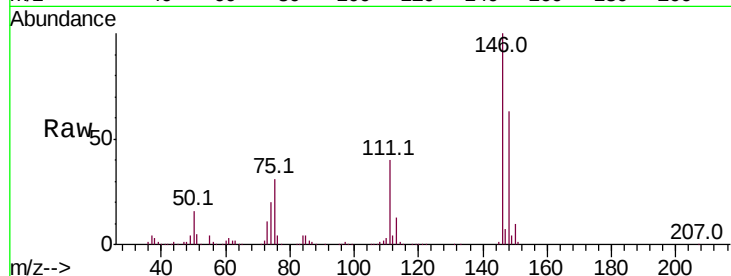
Tot Ion:146 Resp: 118394

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

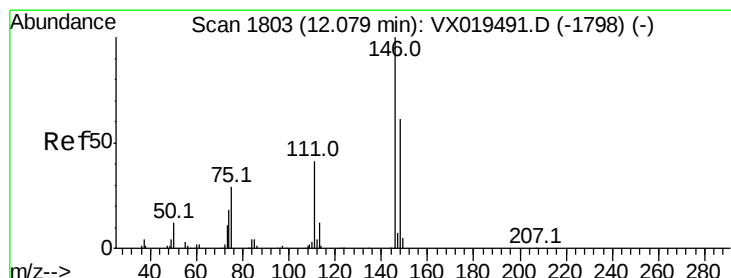
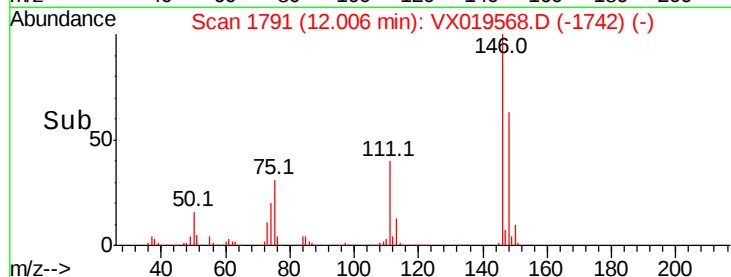
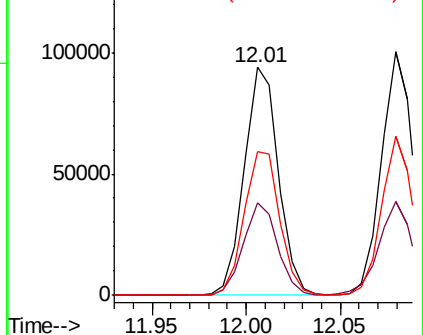
148 65.4 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.522 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

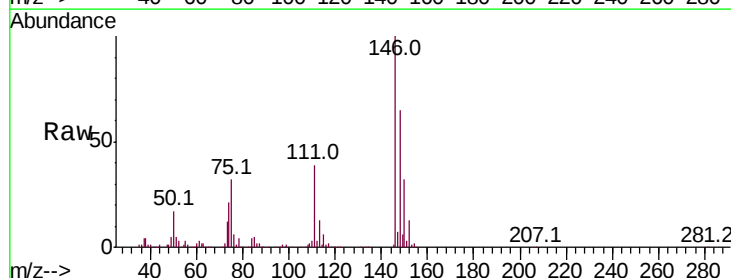
Tgt Ion:146 Resp: 119463

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.6

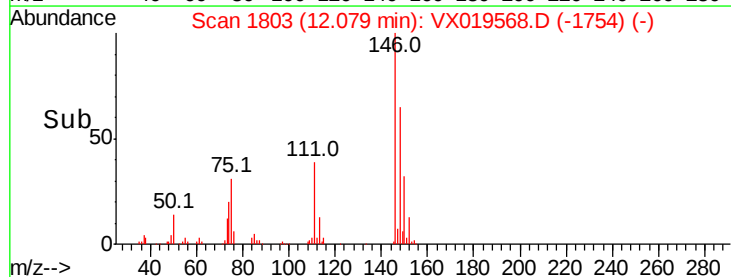
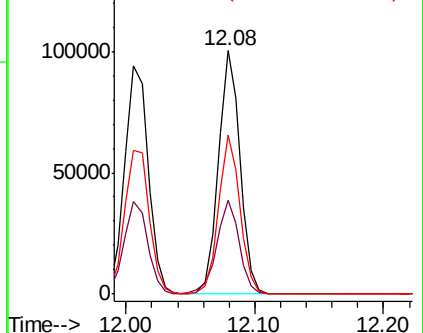
148 64.7 31.7 95.1

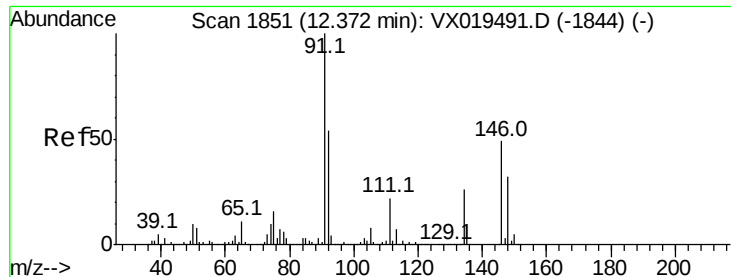


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

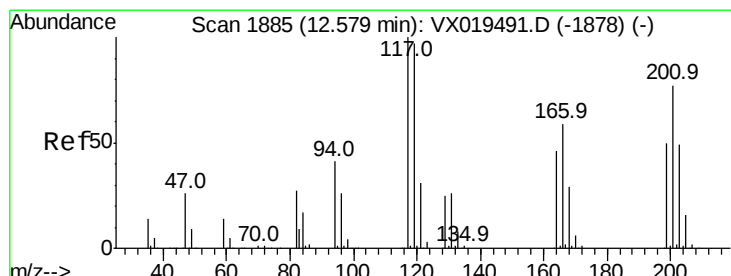
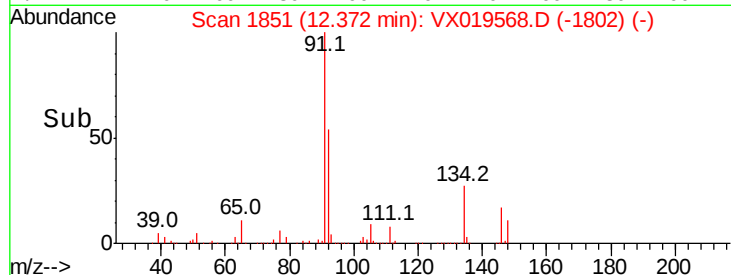
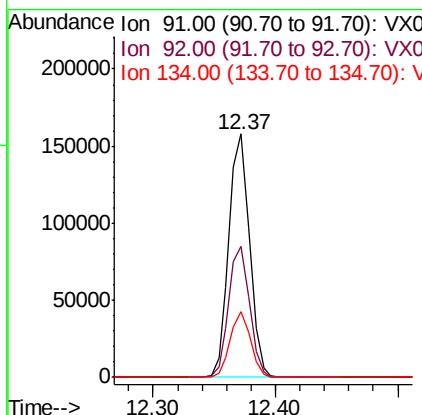
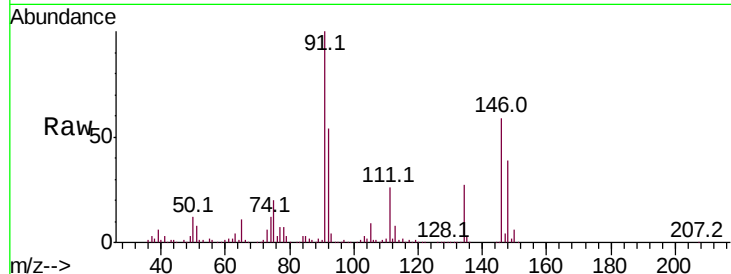




#89
n-Butylbenzene
Concen: 17.464 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

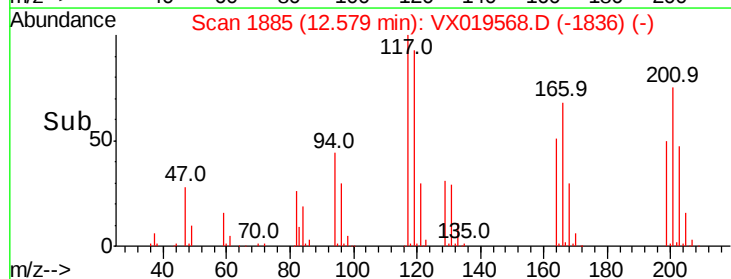
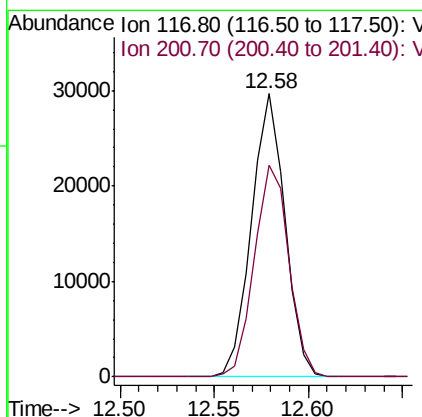
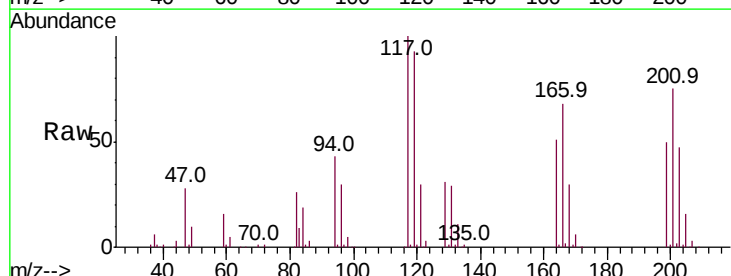
Instrument :
MSVOA_X
ClientSampled :
VX1123WBS02

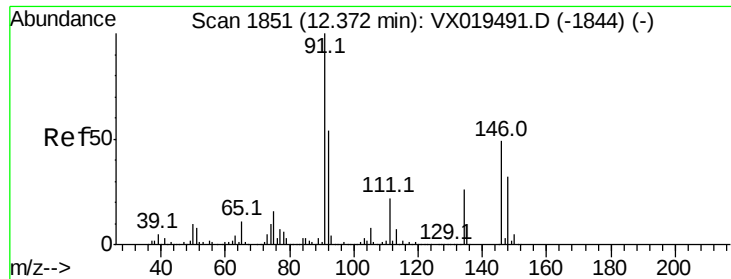
Tot Ion: 91 Resp: 184851
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.6
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 18.681 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion: 117 Resp: 36598
Ion Ratio Lower Upper
117 100
201 77.2 39.4 118.2

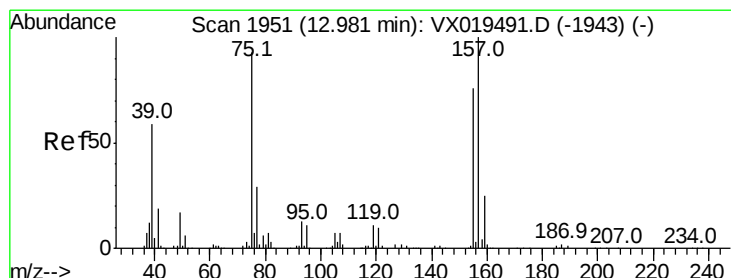
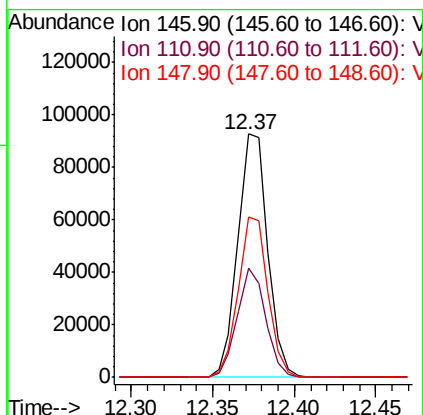
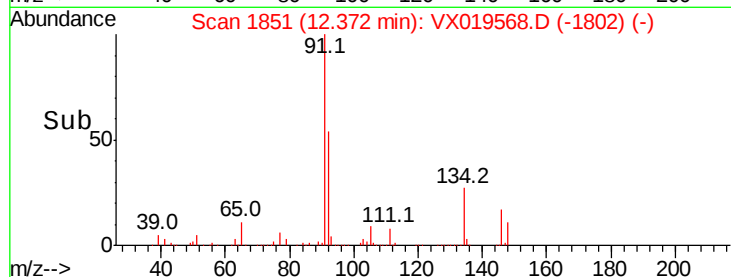
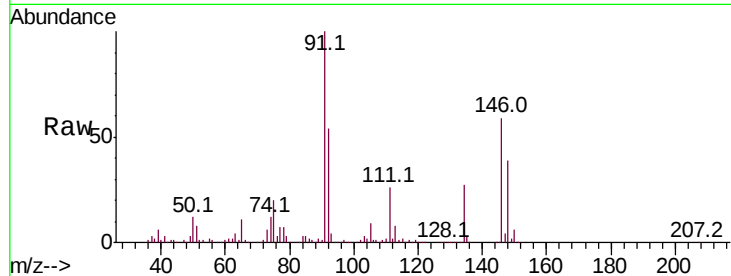




#91
 1,2-Dichlorobenzene
 Concen: 18.893 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

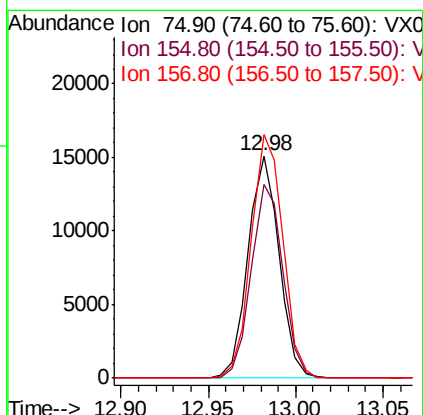
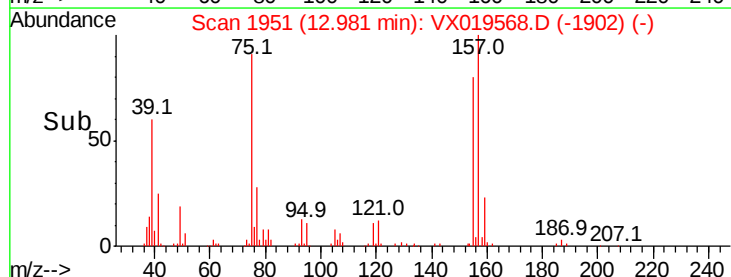
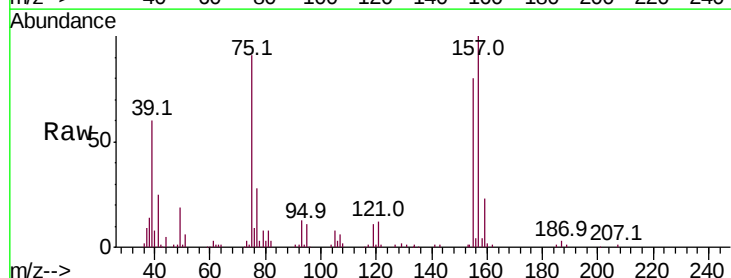
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS02

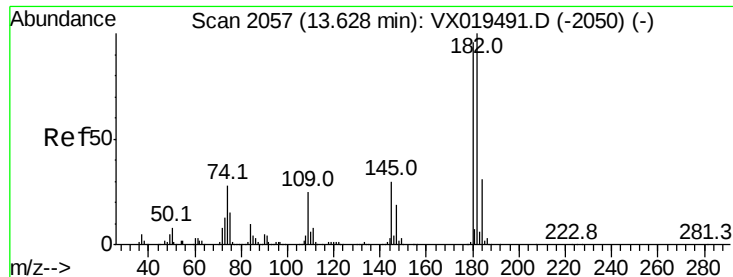
Tot Ion:146 Resp: 118817
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.3
 148 65.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.265 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019568.D
 Acq: 23 Nov 2020 22:52

Tgt Ion: 75 Resp: 18772
 Ion Ratio Lower Upper
 75 100
 155 88.9 43.6 130.9
 157 111.7 57.0 170.8





#93

1,2,4-Trichlorobenzene

Concen: 18.136 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBS02

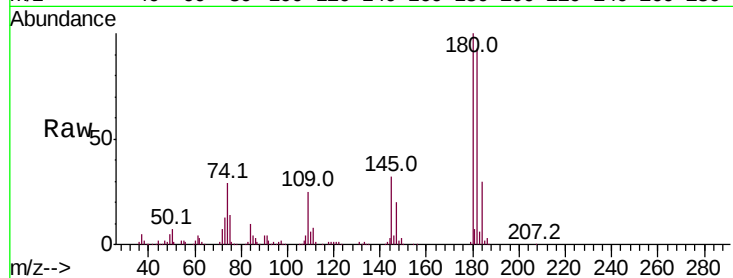
Tot Ion:180 Resp: 73225

Ion Ratio Lower Upper

180 100

182 95.0 48.6 145.9

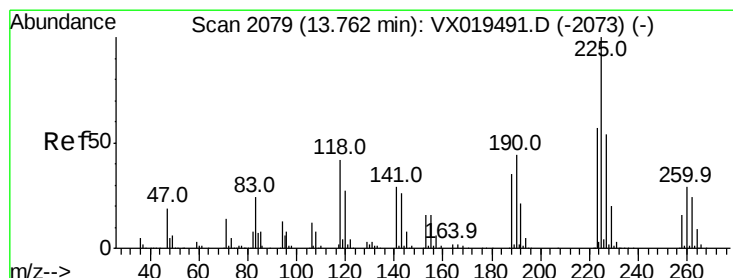
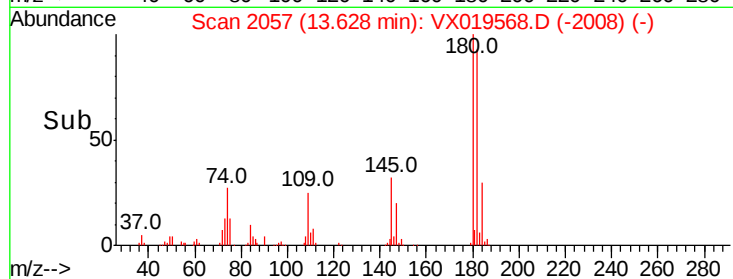
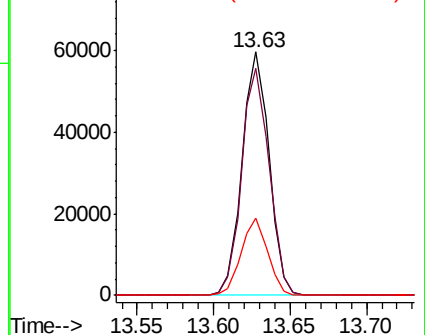
145 31.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.876 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX019568.D

Acq: 23 Nov 2020 22:52

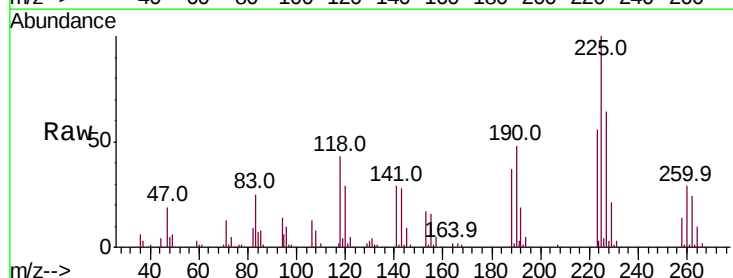
Tgt Ion:225 Resp: 31041

Ion Ratio Lower Upper

225 100

223 59.7 32.5 97.5

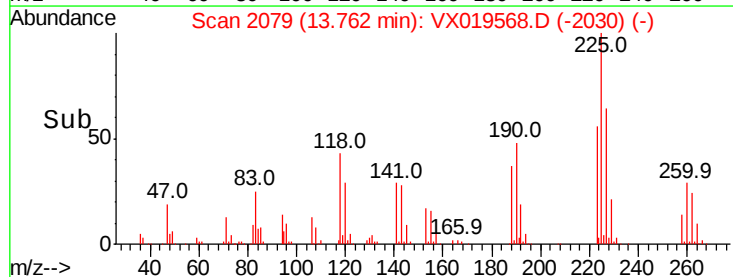
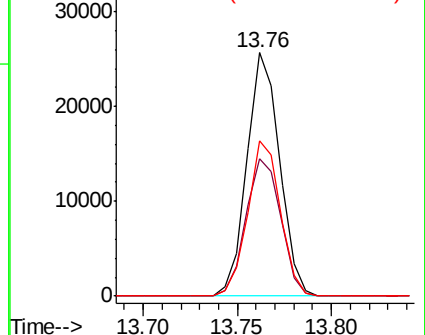
227 63.7 32.8 98.3

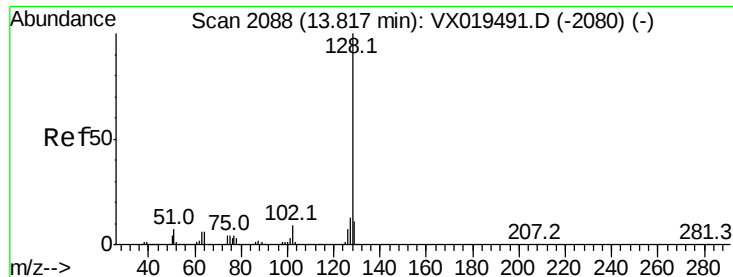


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

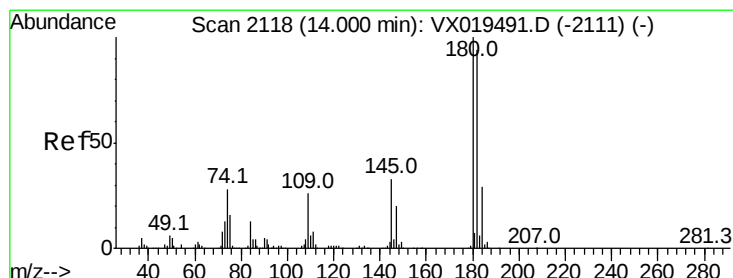
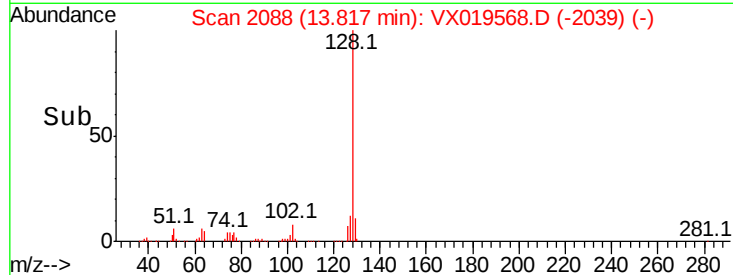
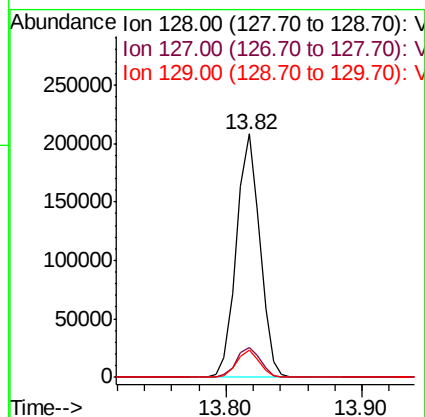
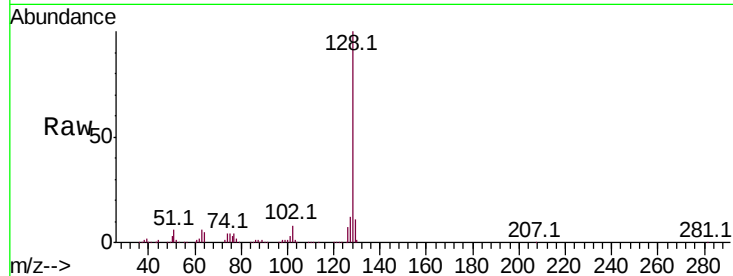




#95
Naphthalene
Concen: 18.967 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBS02

Tot Ion:128 Resp: 249977
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.377 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019568.D
Acq: 23 Nov 2020 22:52

Tgt Ion:180 Resp: 74218
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.3
145 33.1 16.6 49.8

