

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019569.D
 Acq On : 23 Nov 2020 23:15
 Operator : JC/MD
 Sample : VX1123WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Quant Time: Nov 24 05:00:15 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	281785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	414334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197610	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	176598	48.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.68%	
35) Dibromofluoromethane		5.46	113	142320	47.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.88%	
50) Toluene-d8		8.70	98	539524	46.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.56%	
62) 4-Bromofluorobenzene		11.12	95	195012	46.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	49786	18.169	ug/l	96
3) Chloromethane	1.31	50	53156	16.905	ug/l	100
4) Vinyl Chloride	1.39	62	60604	17.904	ug/l	99
5) Bromomethane	1.62	94	23665	18.458	ug/l	98
6) Chloroethane	1.69	64	17732	18.868	ug/l	99
7) Trichlorofluoromethane	1.90	101	91008	18.628	ug/l	100
8) Diethyl Ether	2.17	74	37855	19.347	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50450	18.510	ug/l	99
10) Methyl Iodide	2.48	142	65128	18.189	ug/l	100
11) Tert butyl alcohol	3.05	59	70819	102.422	ug/l	99
12) 1,1-Dichloroethene	2.35	96	52188	18.655	ug/l	94
13) Acrolein	2.28	56	32228	69.340	ug/l	97
14) Allyl chloride	2.70	41	76145	17.375	ug/l	98
15) Acrylonitrile	3.12	53	153133	93.908	ug/l	99
16) Acetone	2.43	43	123269	87.245	ug/l	98
17) Carbon Disulfide	2.54	76	125105	16.646	ug/l	99
18) Methyl Acetate	2.75	43	66063	19.462	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	193395	20.027	ug/l	97
20) Methylene Chloride	2.83	84	62886	17.808	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	59140	18.658	ug/l	99
22) Diisopropyl ether	3.82	45	174782	19.278	ug/l	97
23) Vinyl Acetate	3.78	43	736353	96.830	ug/l	99
24) 1,1-Dichloroethane	3.67	63	103979	18.751	ug/l	99
25) 2-Butanone	4.64	43	194818	91.789	ug/l	100
26) 2,2-Dichloropropane	4.54	77	76443	15.793	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	71766	19.711	ug/l	99
28) Bromochloromethane	4.98	49	48712	18.373	ug/l	98
29) Tetrahydrofuran	5.09	42	126178	93.174	ug/l	99
30) Chloroform	5.17	83	111436	19.218	ug/l	97
31) Cyclohexane	5.54	56	87179	18.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	95013	19.075	ug/l	99
36) 1,1-Dichloropropene	5.76	75	80434	17.953	ug/l	99
37) Ethyl Acetate	4.80	43	79293	18.852	ug/l	100
38) Carbon Tetrachloride	5.74	117	79411	18.312	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Quant Time: Nov 24 05:00:15 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)
39) Methylcyclohexane	7.44	83	89146	17.089	ug/l	98
40) Benzene	6.11	78	250527	18.200	ug/l	99
41) Methacrylonitrile	5.00	41	42031	18.122	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88775	18.815	ug/l	100
43) Isopropyl Acetate	6.41	43	127385	18.017	ug/l	99
44) Trichloroethene	7.18	130	74852	20.759	ug/l	98
45) 1,2-Dichloropropane	7.49	63	62106	18.327	ug/l	99
46) Dibromomethane	7.63	93	43867	18.913	ug/l	98
47) Bromodichloromethane	7.87	83	83351	18.520	ug/l	99
48) Methyl methacrylate	7.74	41	61039	18.434	ug/l	97
49) 1,4-Dioxane	7.72	88	29538	392.884	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	384490	93.257	ug/l	100
52) Toluene	8.76	92	156700	18.608	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87442	17.990	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	98282	18.220	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64251	18.734	ug/l	99
56) Ethyl methacrylate	9.16	69	91261	18.805	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107658	18.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246100	86.546	ug/l	98
59) 2-Hexanone	9.48	43	289593	92.613	ug/l	99
60) Dibromochloromethane	9.56	129	62010	18.459	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65993	18.668	ug/l	98
64) Tetrachloroethene	9.32	164	56719	17.415	ug/l	92
65) Chlorobenzene	10.12	112	160541	18.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59791	19.296	ug/l	99
67) Ethyl Benzene	10.23	91	288120	19.306	ug/l	100
68) m/p-Xylenes	10.34	106	212878	38.288	ug/l	99
69) o-Xylene	10.68	106	103705	19.512	ug/l	99
70) Styrene	10.70	104	171352	18.489	ug/l	99
71) Bromoform	10.84	173	43268	18.899	ug/l #	96
73) Isopropylbenzene	11.00	105	276107	20.198	ug/l	99
74) N-amyl acetate	10.88	43	103311	20.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96142	19.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	103560	24.014	ug/l	88
77) Bromobenzene	11.24	156	69524	19.922	ug/l	98
78) n-propylbenzene	11.34	91	302432	19.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	188594	19.829	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	229258	19.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25930	19.098	ug/l	94
82) 4-Chlorotoluene	11.49	91	217633	19.438	ug/l	100
83) tert-Butylbenzene	11.76	119	226789	20.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	232613	20.048	ug/l	99
85) sec-Butylbenzene	11.93	105	247221	18.731	ug/l	99
86) p-Isopropyltoluene	12.05	119	229929	19.187	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121593	18.972	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	123485	18.705	ug/l	99
89) n-Butylbenzene	12.37	91	188003	17.354	ug/l	98
90) Hexachloroethane	12.58	117	37573	18.738	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	125581	19.509	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19466	19.518	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
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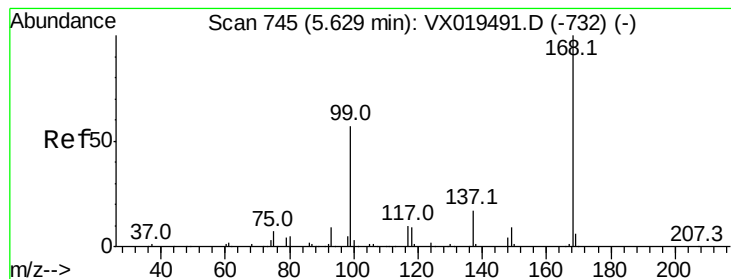
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Quant Time: Nov 24 05:00:15 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)
93) 1,2,4-Trichlorobenzene	13.63	180	75428	18.252	ug/l	99
94) Hexachlorobutadiene	13.76	225	32676	17.357	ug/l	94
95) Naphthalene	13.82	128	258817	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76826	18.585	ug/l	98

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

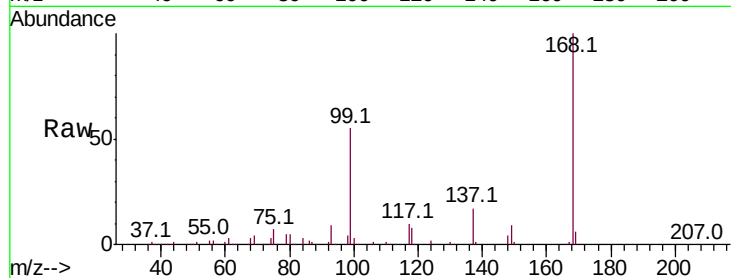
VX1123WBSD02

Tot Ion:168 Resp: 281785

Ion Ratio Lower Upper

168 100

99 54.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

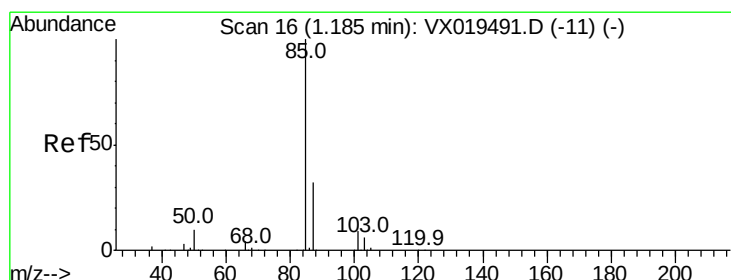
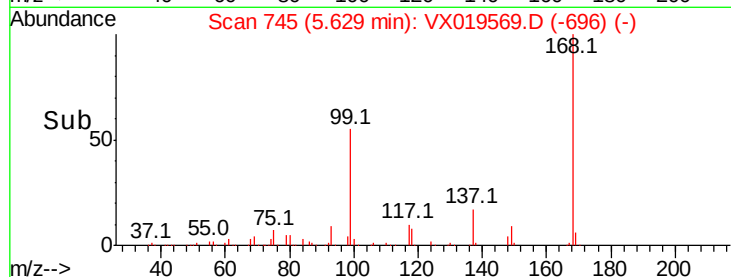
20000

0

5.50 5.60 5.70

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 18.169 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019569.D

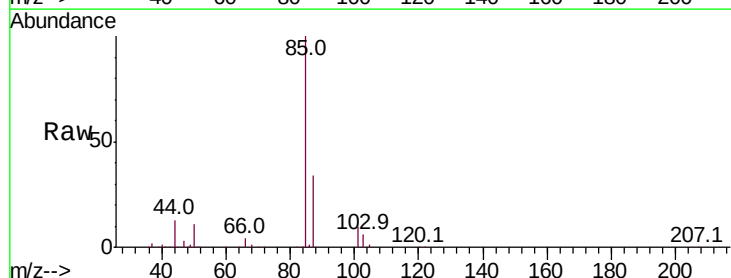
Acq: 23 Nov 2020 23:15

Tgt Ion: 85 Resp: 49786

Ion Ratio Lower Upper

85 100

87 34.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

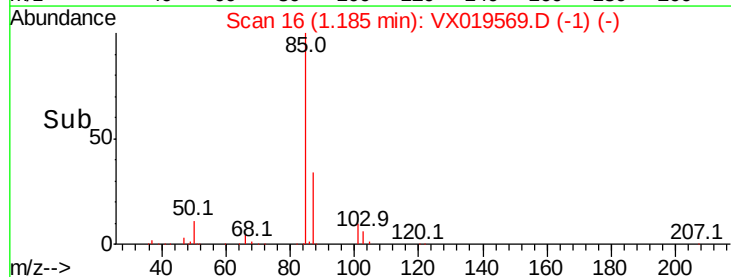
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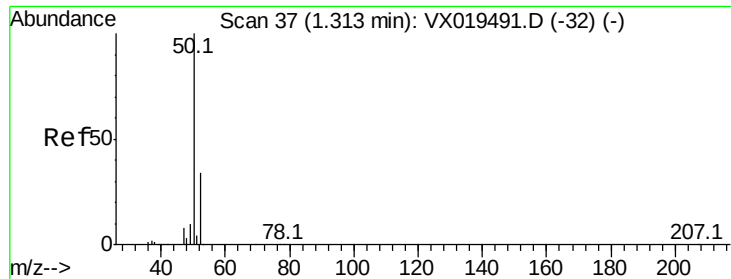
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1.15 1.20 1.25

1.18

Time-->

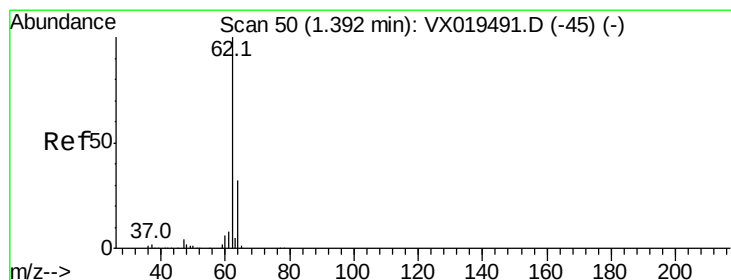
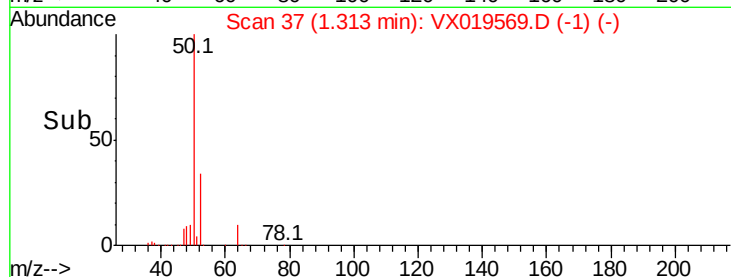
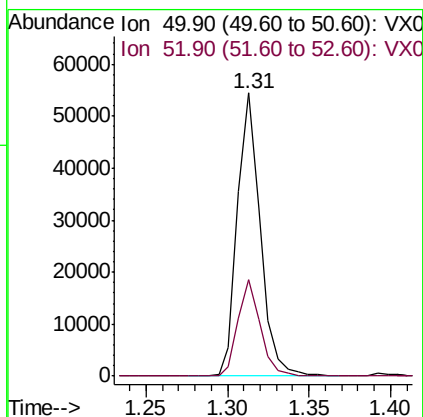
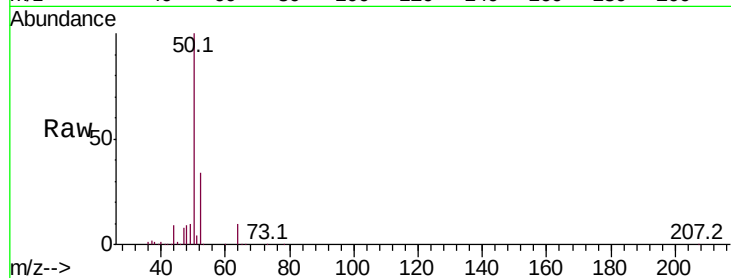




#3
Chloromethane
Concen: 16.905 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

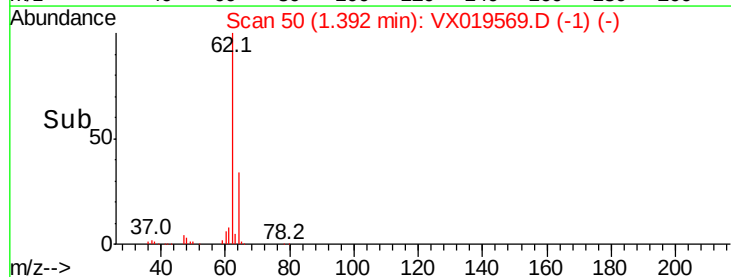
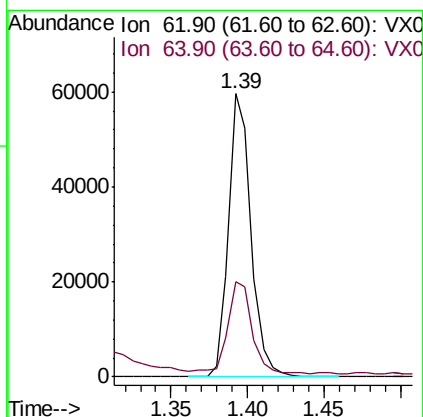
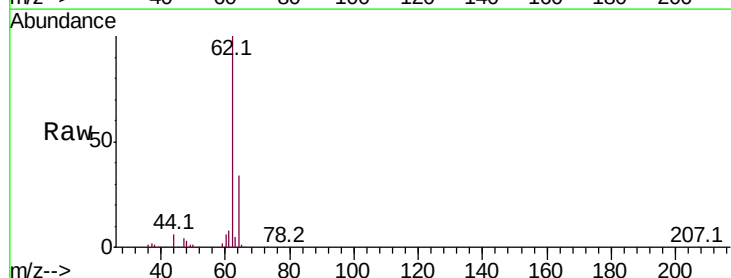
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

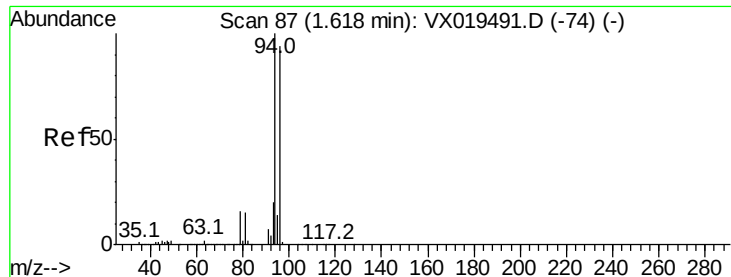
Tot Ion: 50 Resp: 53156
Ion Ratio Lower Upper
50 100
52 34.0 27.0 40.6



#4
Vinyl Chloride
Concen: 17.904 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 62 Resp: 60604
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 18.458 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

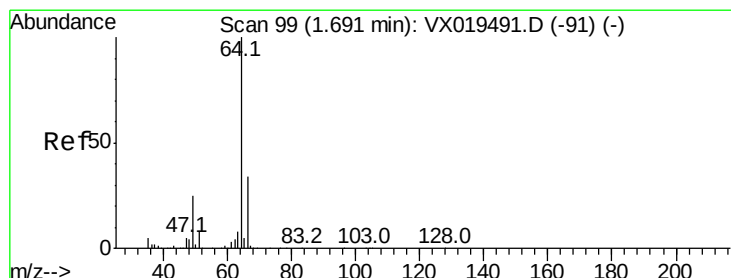
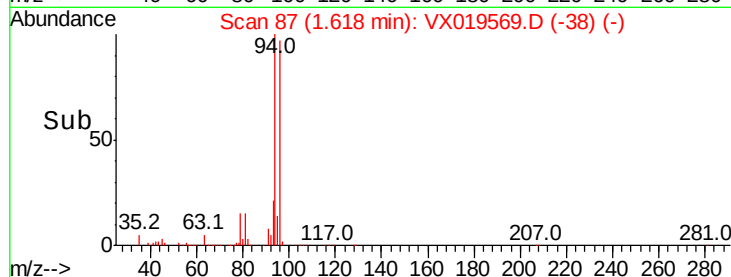
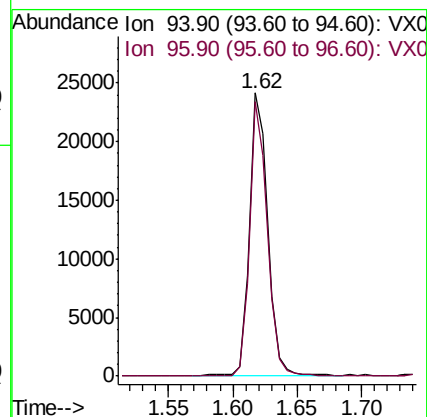
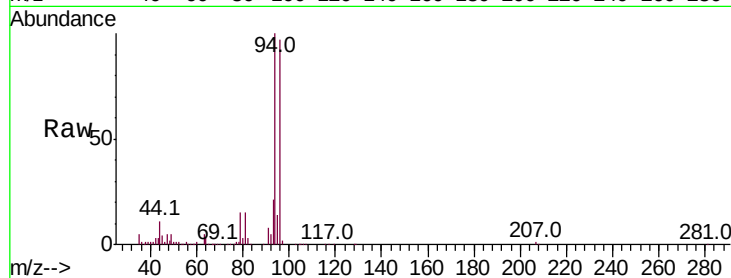
VX1123WBSD02

Tot Ion: 94 Resp: 23665

Ion Ratio Lower Upper

94 100

96 96.9 75.6 113.4



#6

Chloroethane

Concen: 18.868 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019569.D

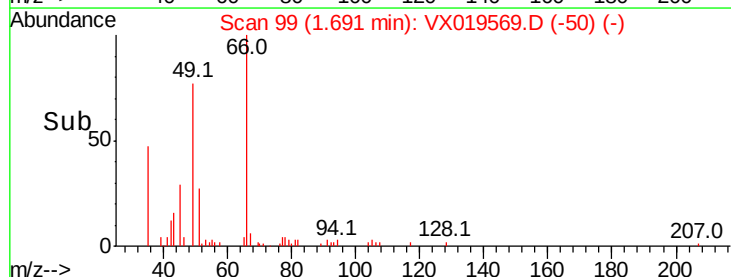
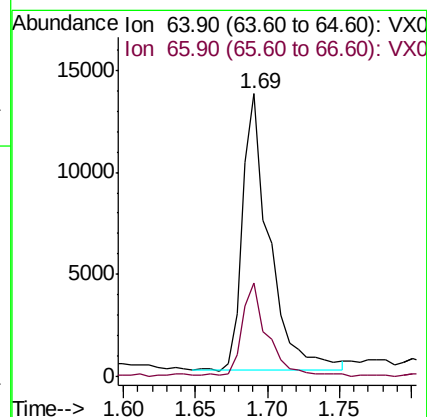
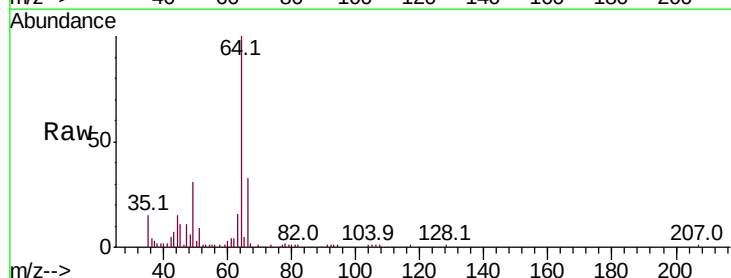
Acq: 23 Nov 2020 23:15

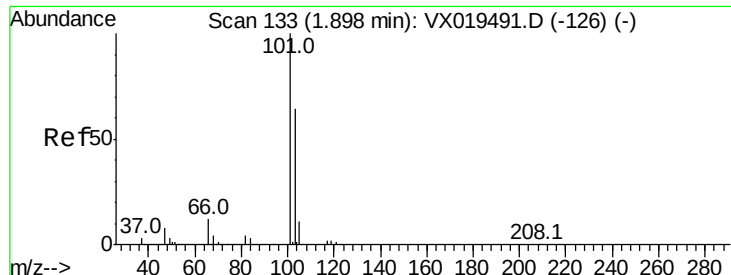
Tgt Ion: 64 Resp: 17732

Ion Ratio Lower Upper

64 100

66 33.4 27.1 40.7



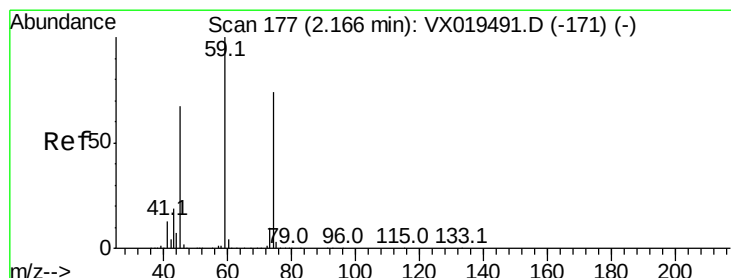
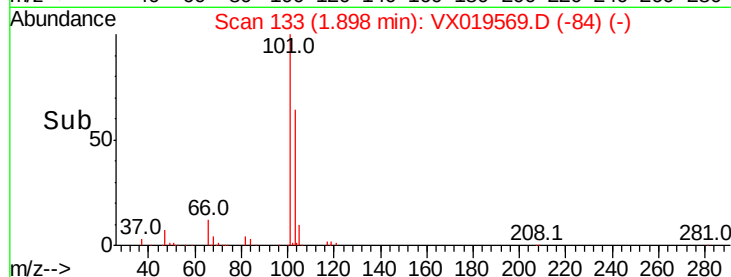
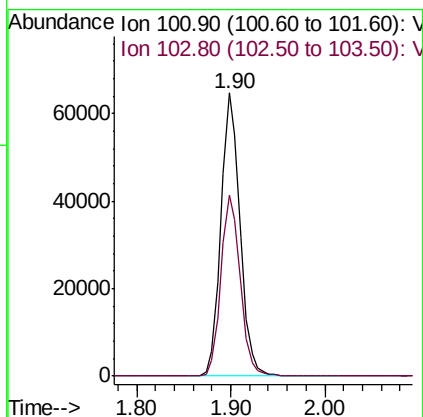
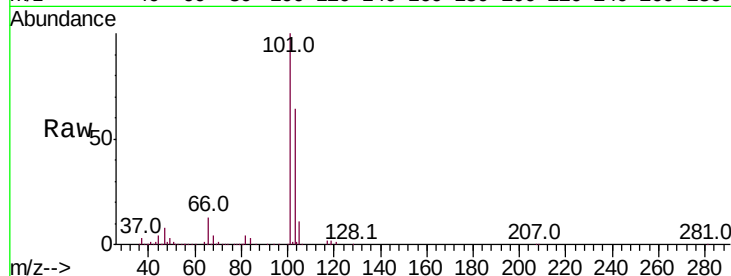


#7

Trichlorofluoromethane
 Concen: 18.628 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

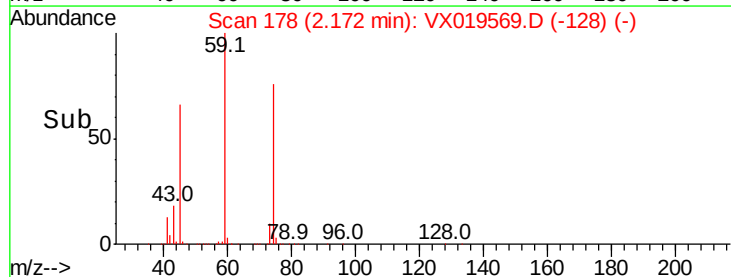
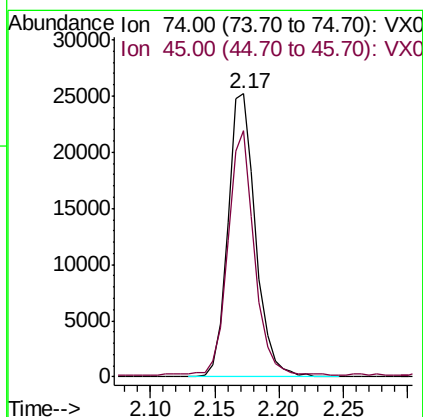
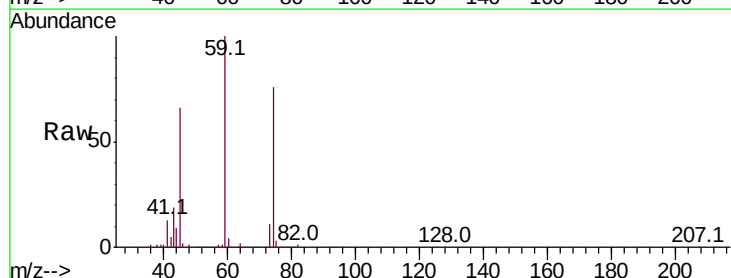
Tot Ion:101 Resp: 91008
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3

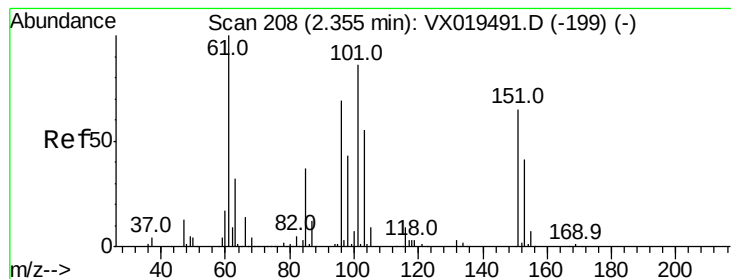


#8

Diethyl Ether
 Concen: 19.347 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 74 Resp: 37855
 Ion Ratio Lower Upper
 74 100
 45 83.5 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.510 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

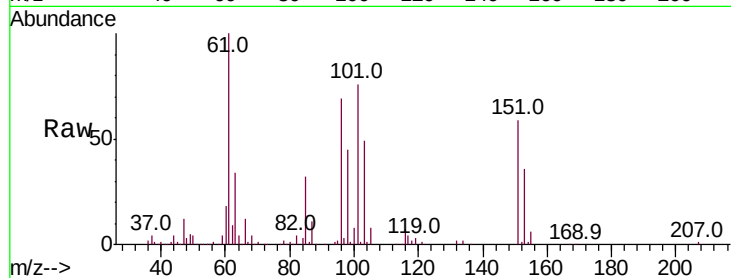
Tot Ion:101 Resp: 50450

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

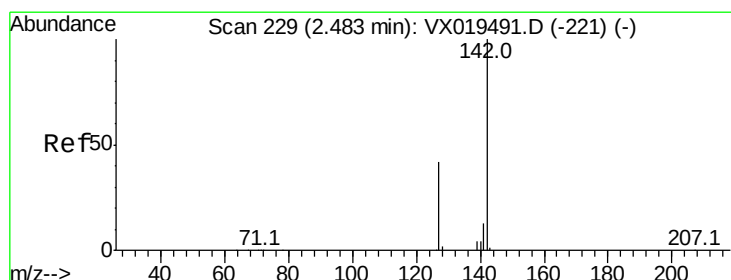
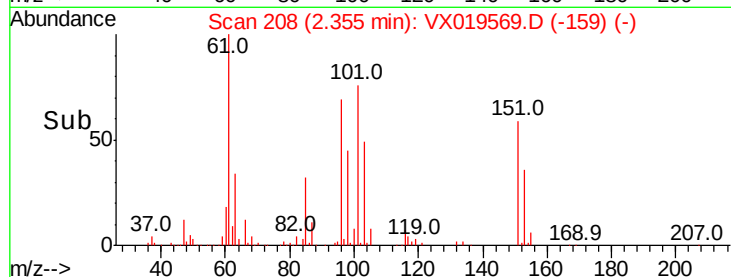
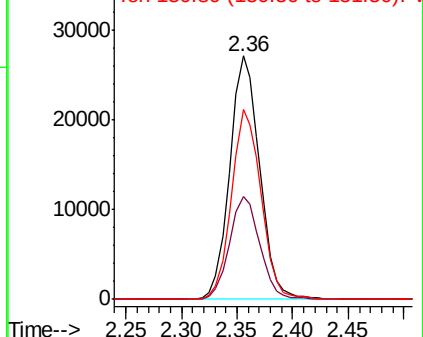
151 77.5 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.189 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

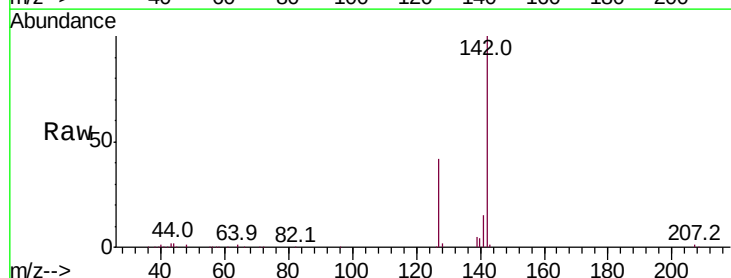
Tgt Ion:142 Resp: 65128

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

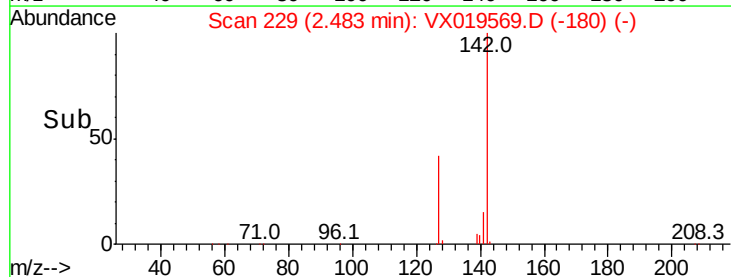
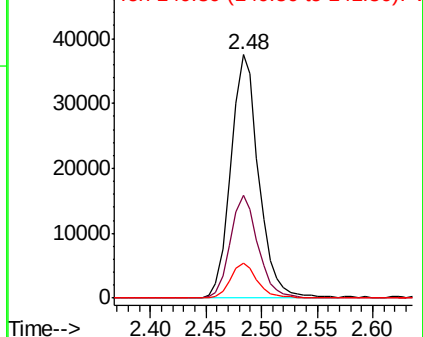
141 13.9 11.0 16.6

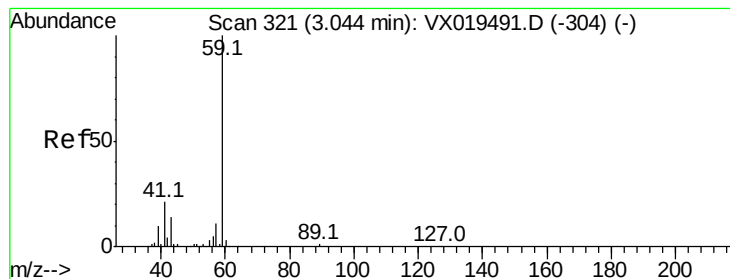


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



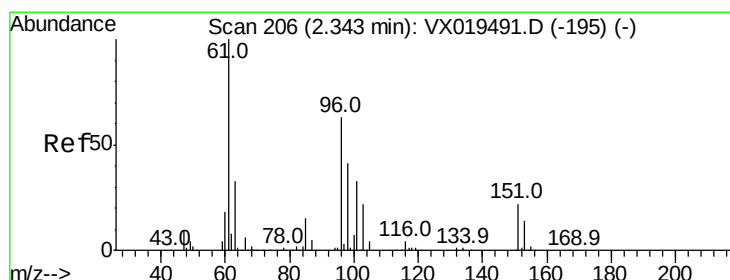
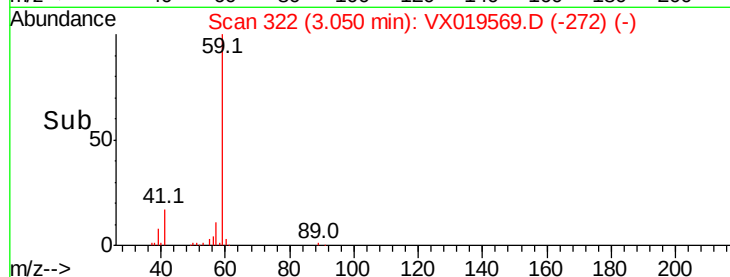
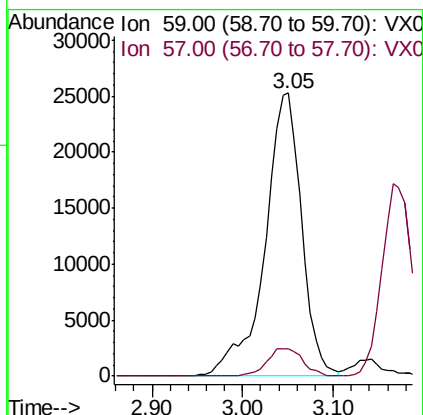
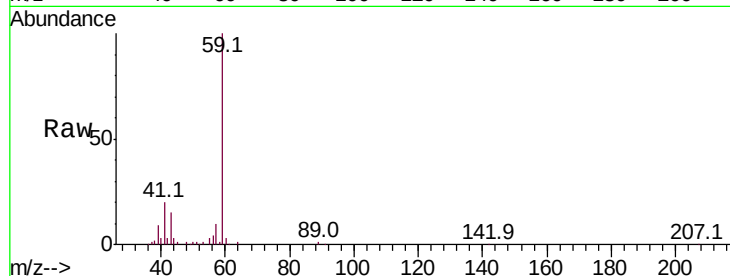


#11

Tert butyl alcohol
 Concen: 102.422 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

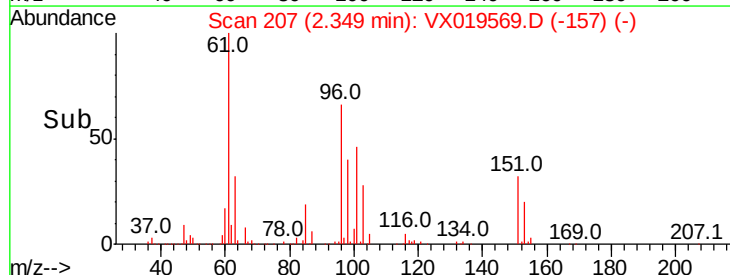
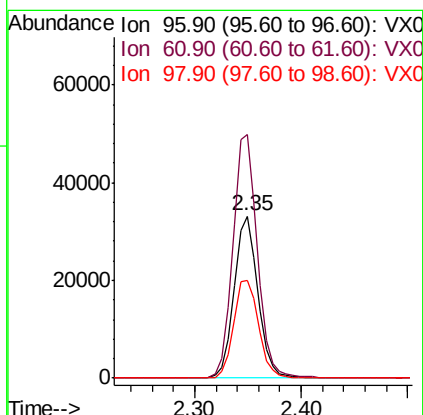
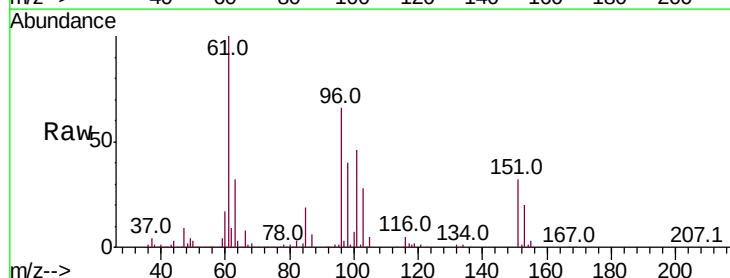
Tot Ion: 59 Resp: 70819
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

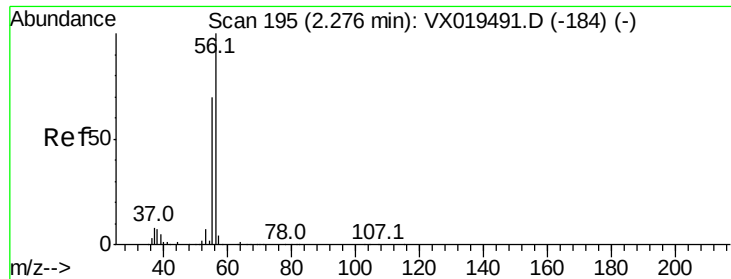


#12

1,1-Dichloroethene
 Concen: 18.655 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 96 Resp: 52188
 Ion Ratio Lower Upper
 96 100
 61 150.4 126.0 189.0
 98 60.2 52.0 78.0





#13

Acrolein

Concen: 69.340 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

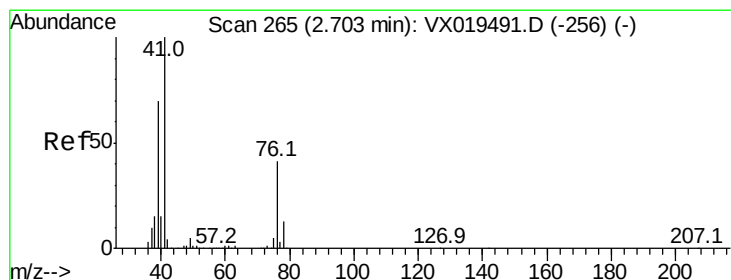
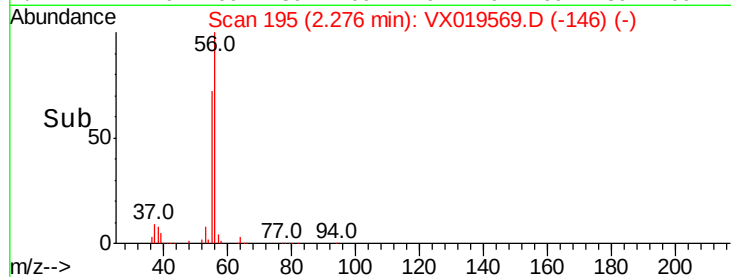
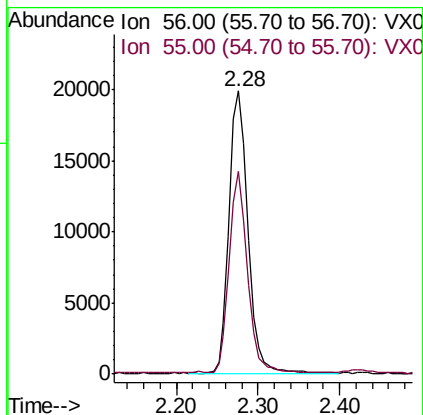
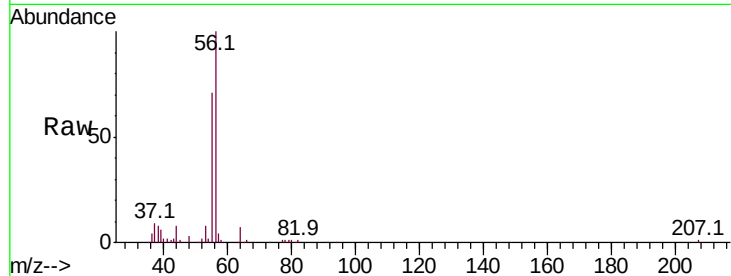
VX1123WBSD02

Tot Ion: 56 Resp: 32228

Ion Ratio Lower Upper

56 100

55 67.2 55.5 83.3



#14

Allyl chloride

Concen: 17.375 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

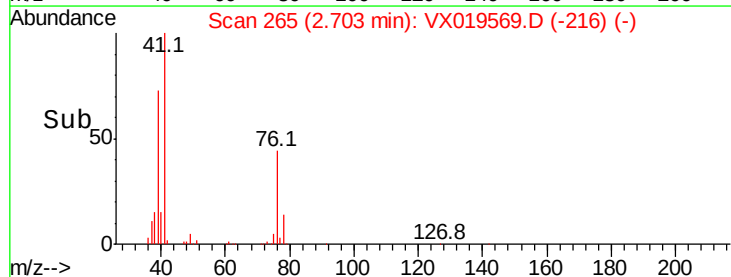
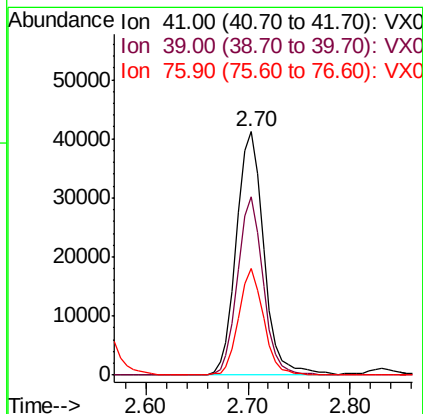
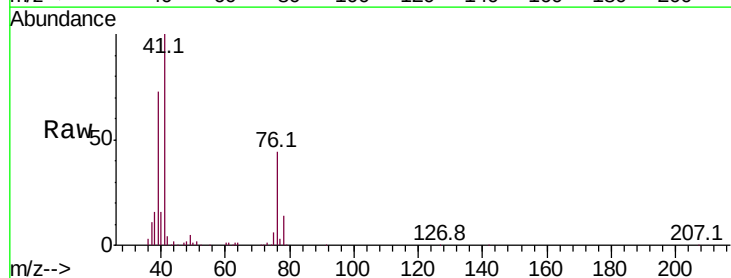
Tgt Ion: 41 Resp: 76145

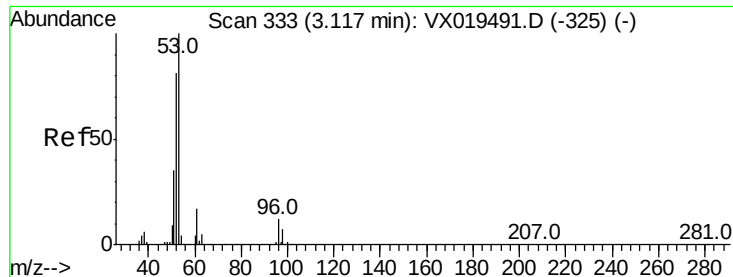
Ion Ratio Lower Upper

41 100

39 68.0 53.0 79.4

76 40.2 31.0 46.6





#15

Acrylonitrile

Concen: 93.908 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

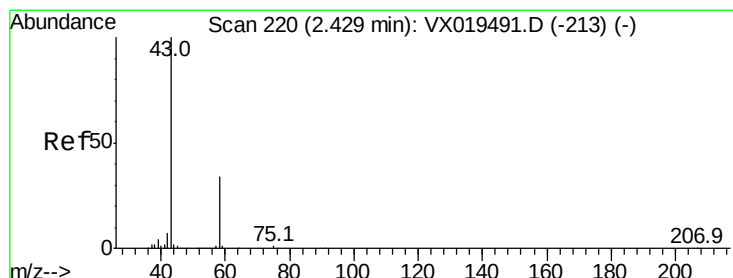
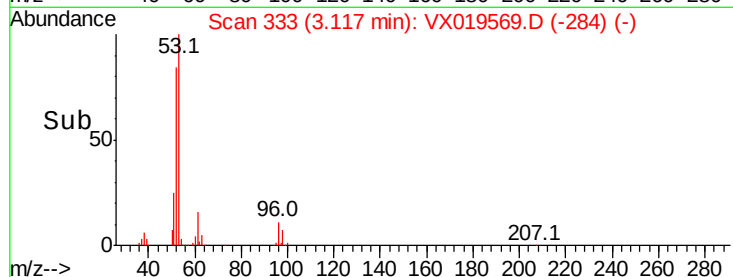
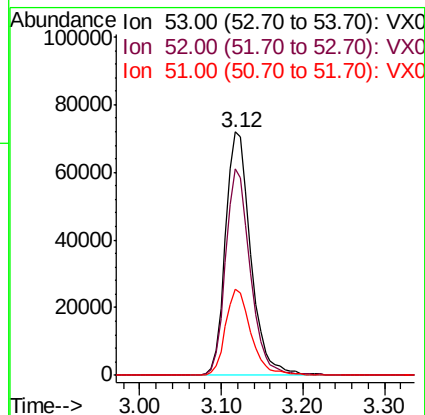
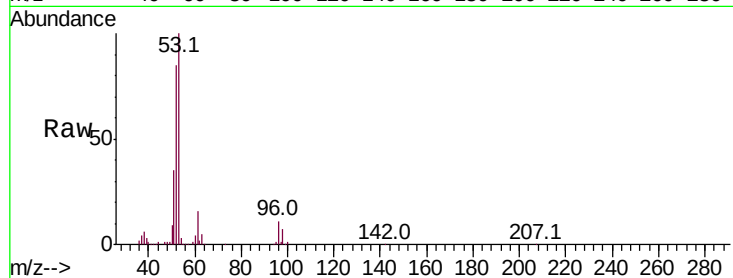
Tot Ion: 53 Resp: 153133

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

51 35.6 28.5 42.7



#16

Acetone

Concen: 87.245 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019569.D

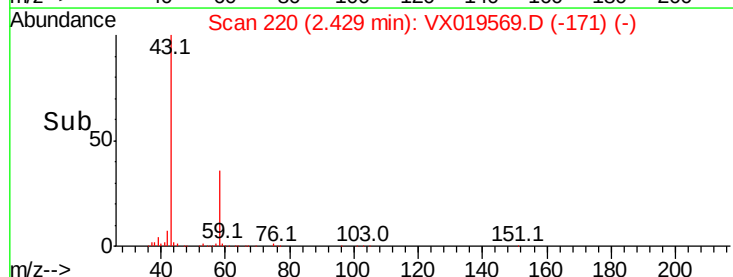
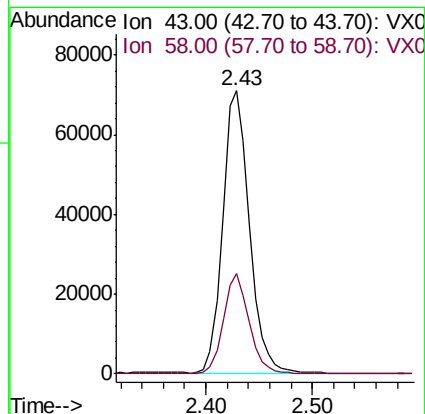
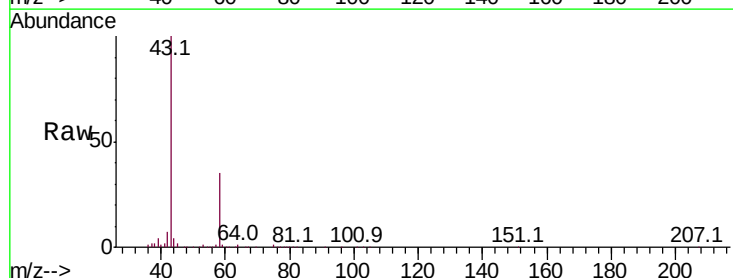
Acq: 23 Nov 2020 23:15

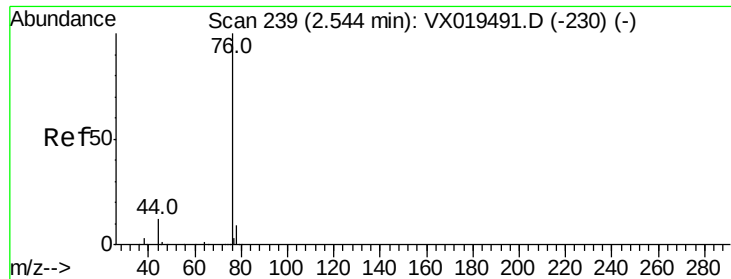
Tgt Ion: 43 Resp: 123269

Ion Ratio Lower Upper

43 100

58 35.5 27.4 41.2

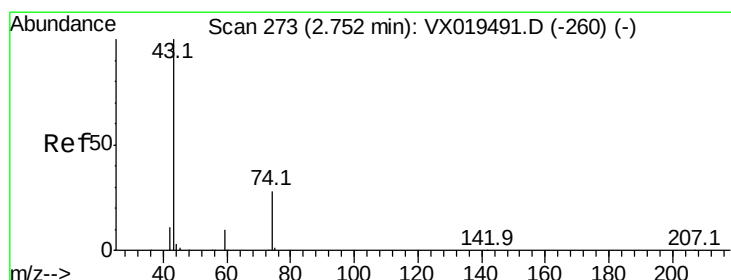
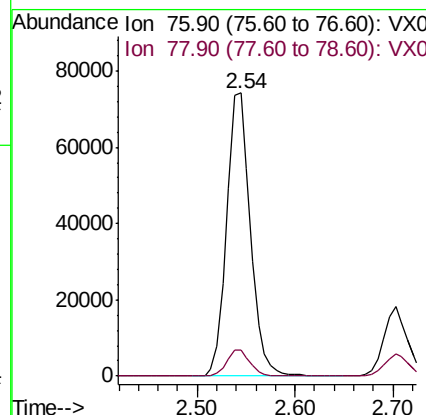
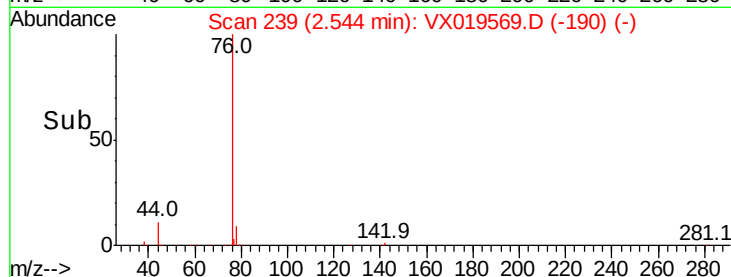
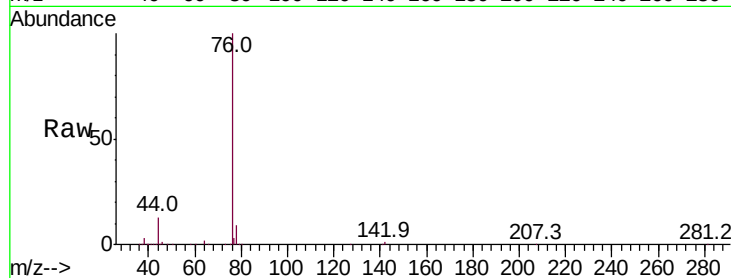




#17
Carbon Disulfide
Concen: 16.646 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

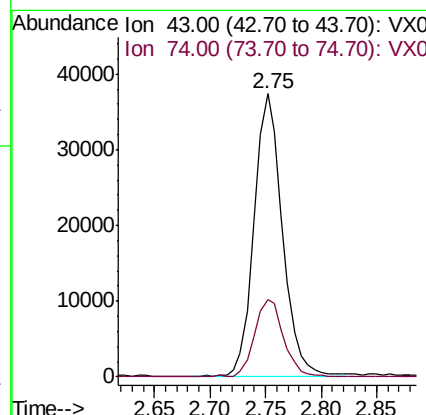
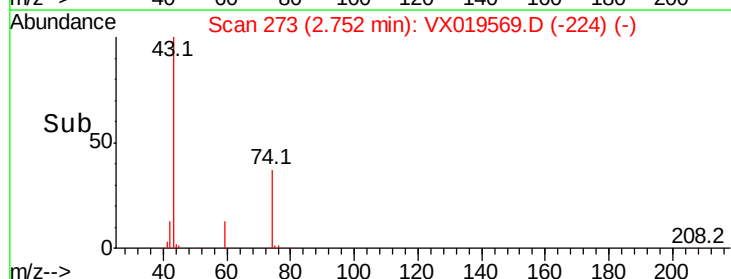
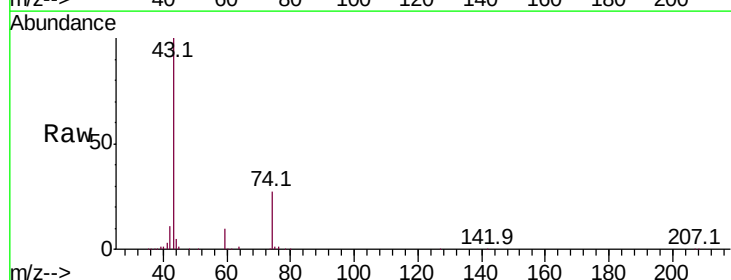
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

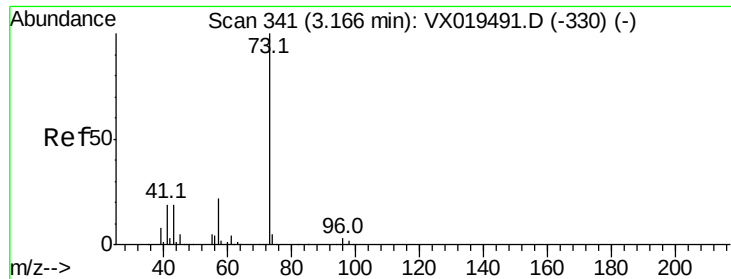
Tot Ion: 76 Resp: 125105
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.462 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 43 Resp: 66063
Ion Ratio Lower Upper
43 100
74 28.7 22.2 33.4

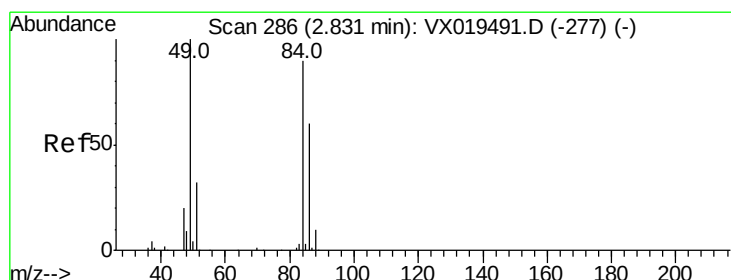
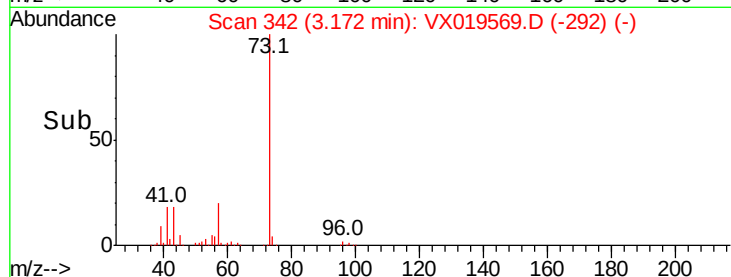
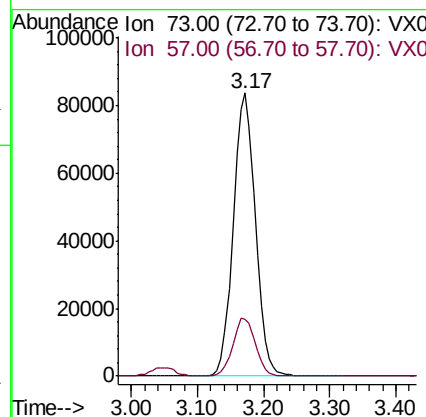
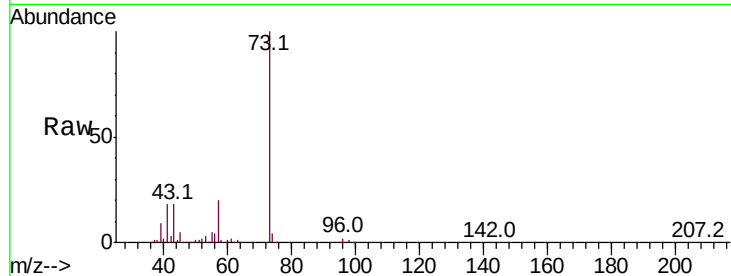




#19
Methyl tert-butyl Ether
Concen: 20.027 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

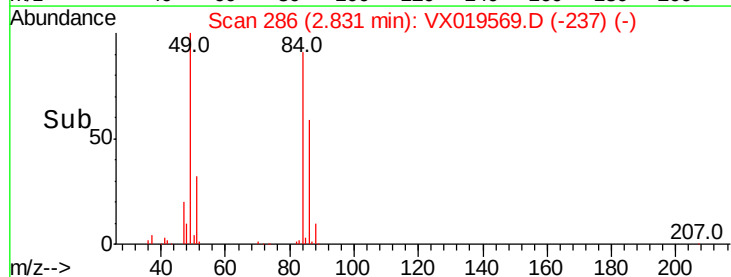
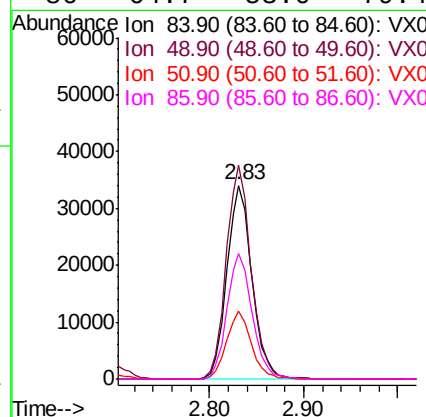
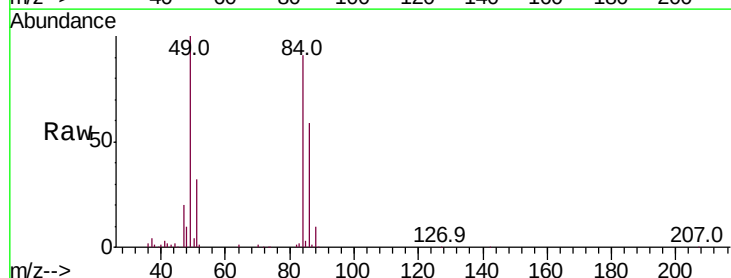
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

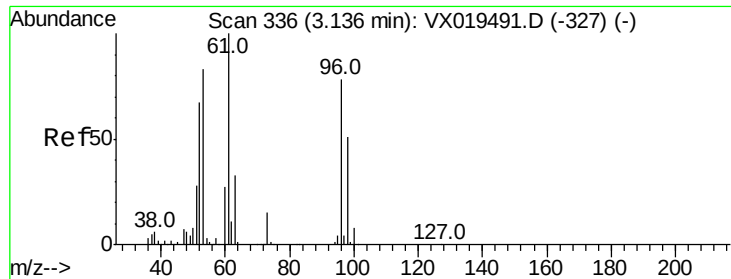
Tot Ion: 73 Resp: 193395
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 17.808 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 84 Resp: 62886
Ion Ratio Lower Upper
84 100
49 110.1 88.5 132.7
51 35.3 28.0 42.0
86 64.7 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.658 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

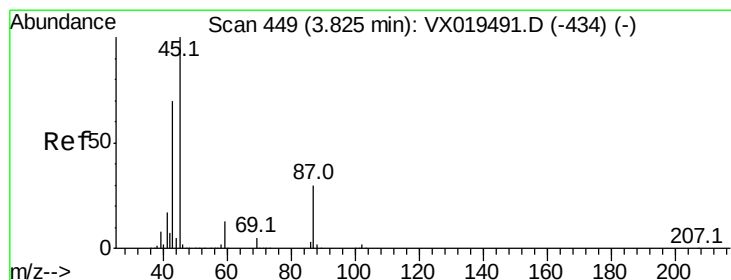
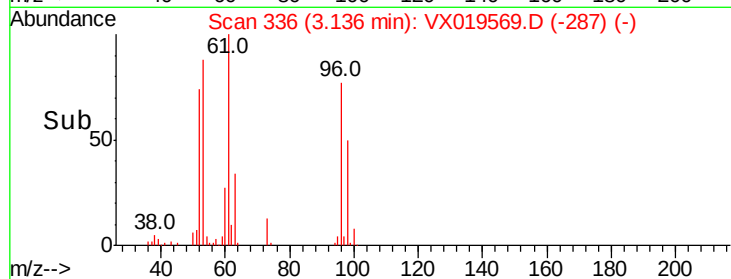
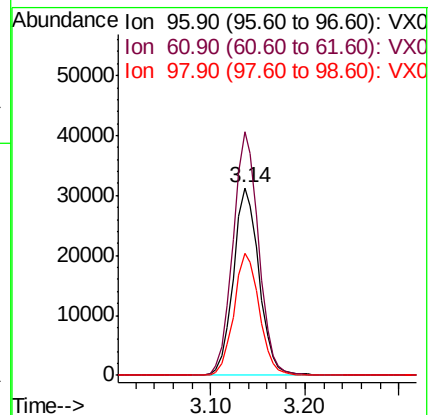
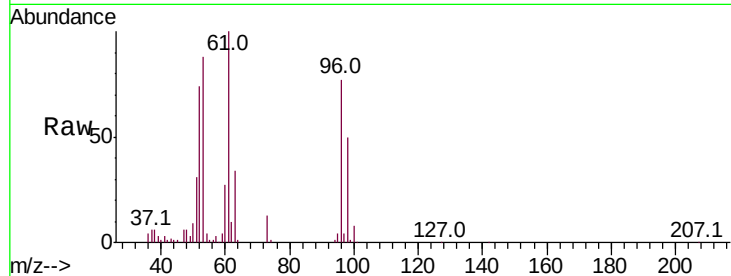
Tot Ion: 96 Resp: 59140

Ion Ratio Lower Upper

96 100

61 129.6 102.9 154.3

98 64.8 52.1 78.1



#22

Diisopropyl ether

Concen: 19.278 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion: 45 Resp: 174782

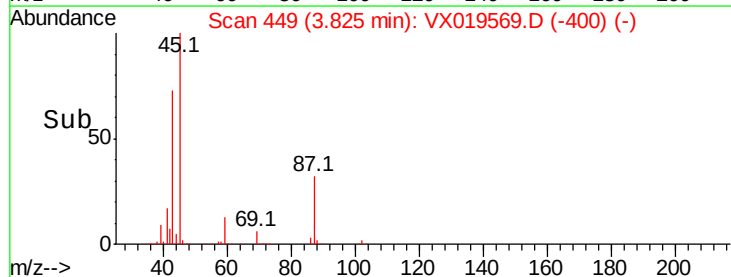
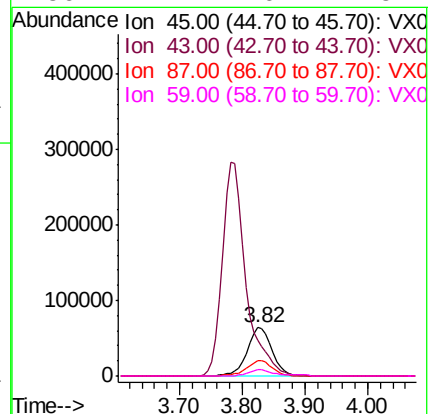
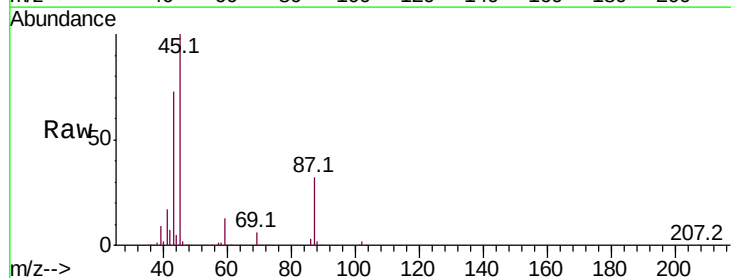
Ion Ratio Lower Upper

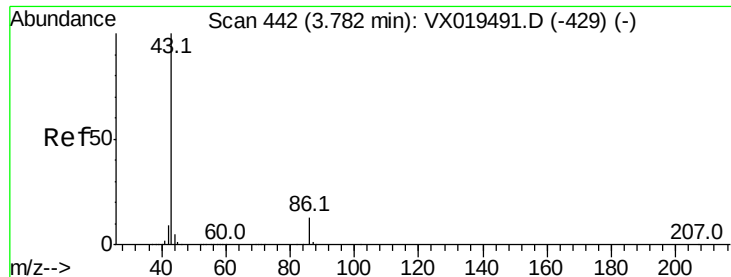
45 100

43 73.1 56.1 84.1

87 32.1 24.2 36.2

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 96.830 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

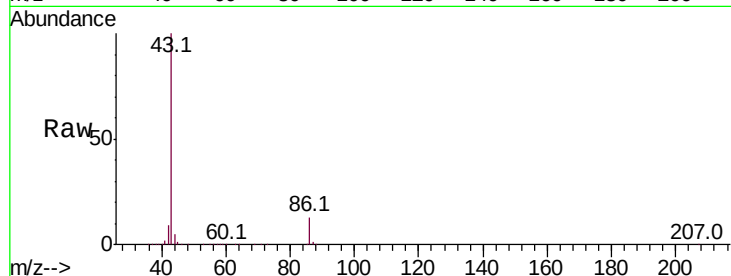
VX1123WBSD02

Tot Ion: 43 Resp: 736353

Ion Ratio Lower Upper

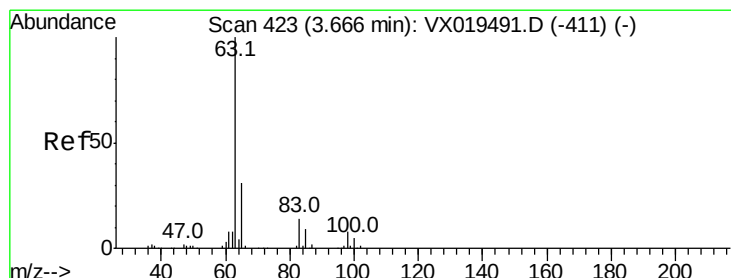
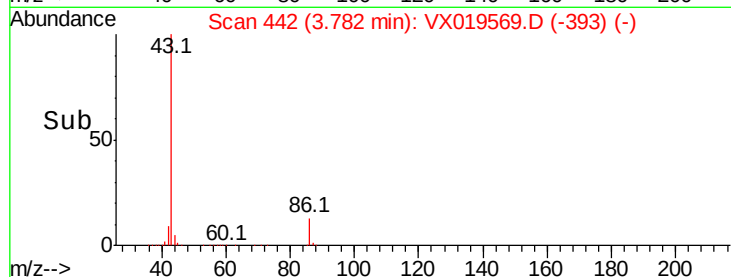
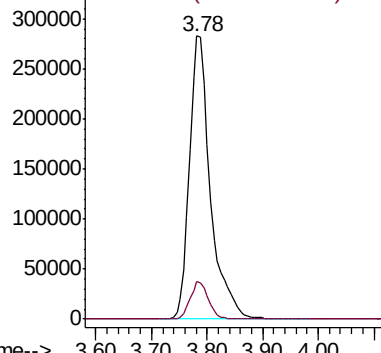
43 100

86 13.2 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.751 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

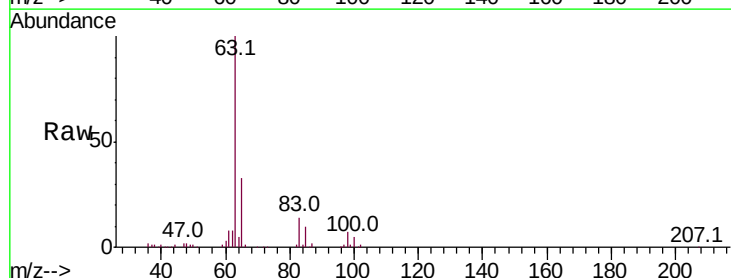
Tgt Ion: 63 Resp: 103979

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

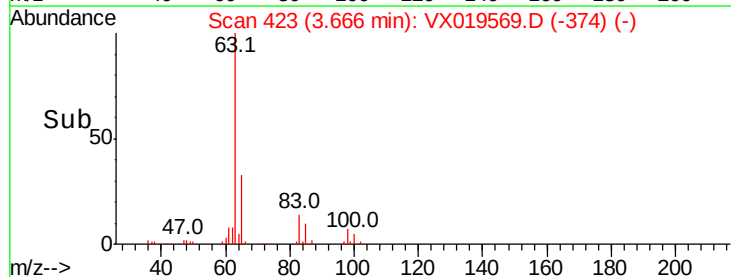
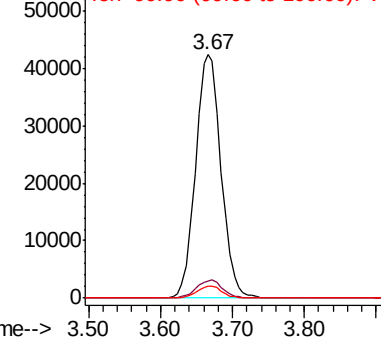
100 5.0 2.4 7.1

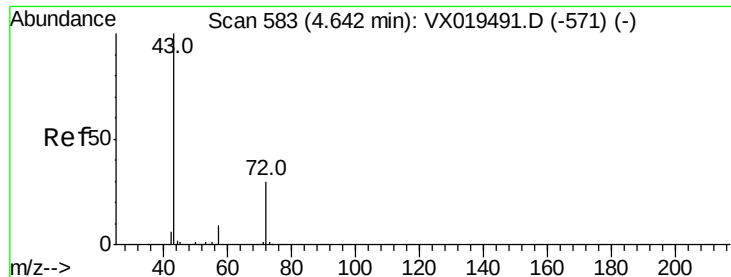


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.789 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

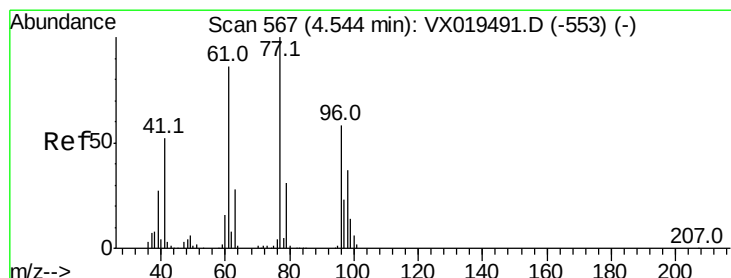
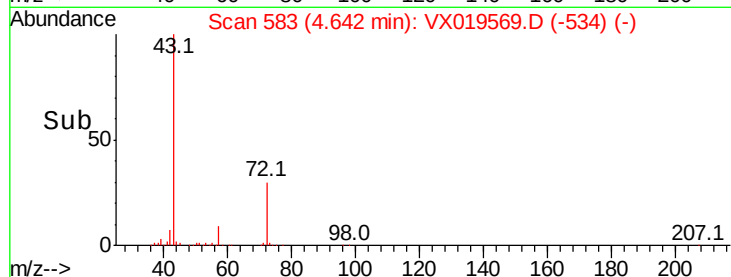
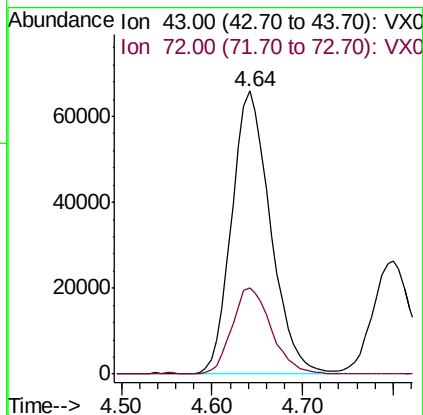
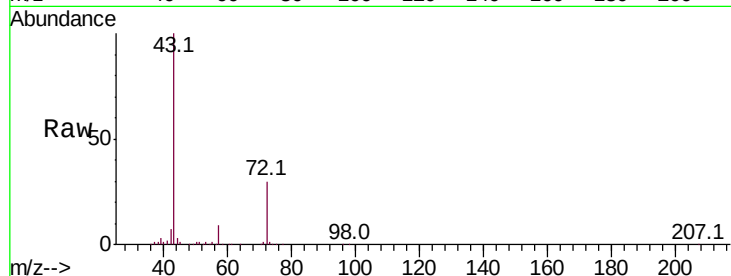
VX1123WBSD02

Tot Ion: 43 Resp: 194818

Ion Ratio Lower Upper

43 100

72 30.2 24.0 36.0



#26

2,2-Dichloropropane

Concen: 15.793 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019569.D

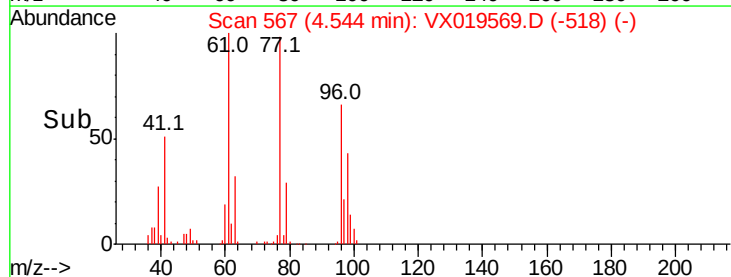
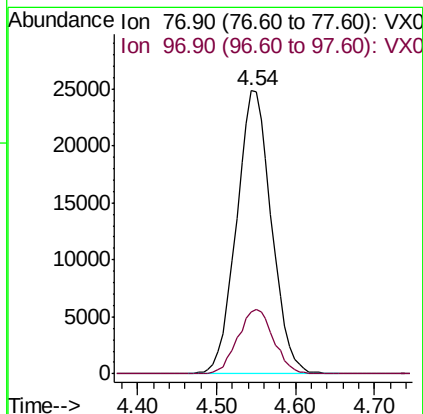
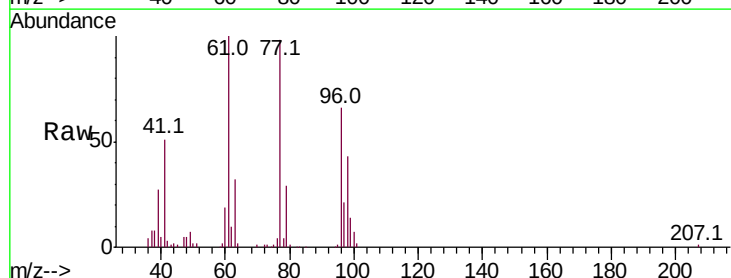
Acq: 23 Nov 2020 23:15

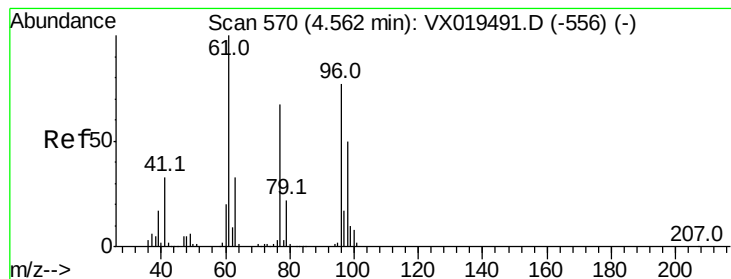
Tgt Ion: 77 Resp: 76443

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8



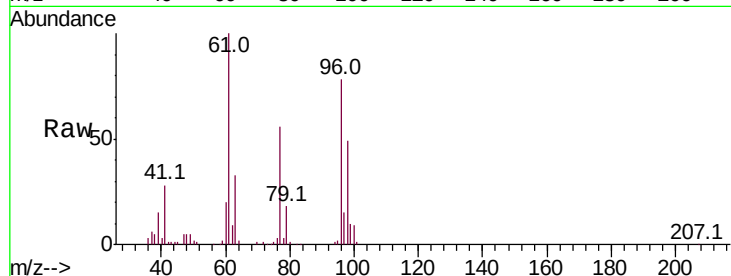


#27

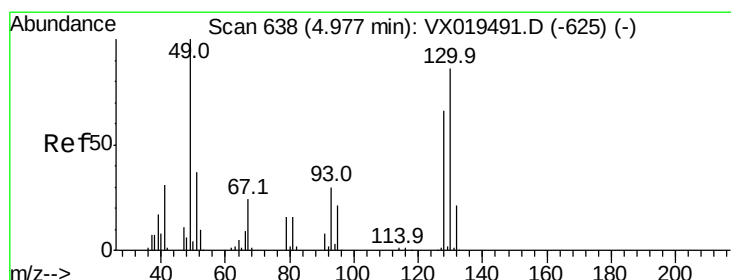
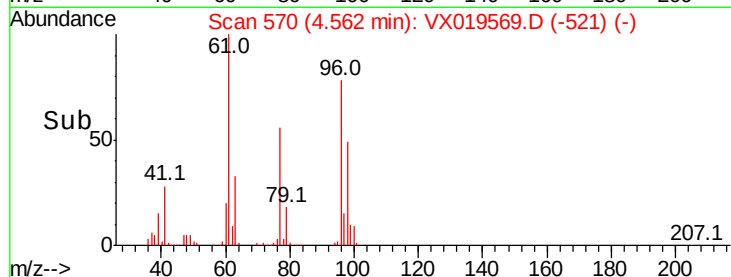
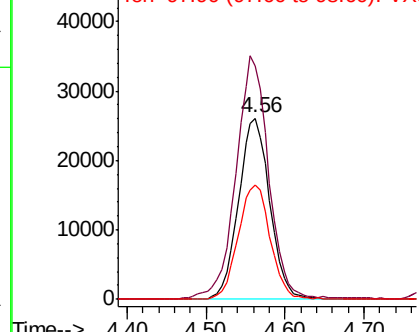
cis-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion: 96 Resp: 71766
Ion Ratio Lower Upper
96 100
61 140.8 0.0 279.2
98 65.0 0.0 129.8



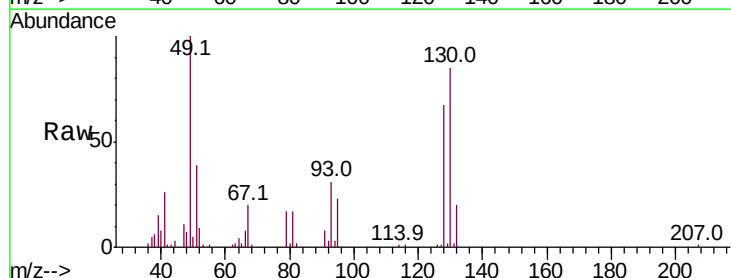
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



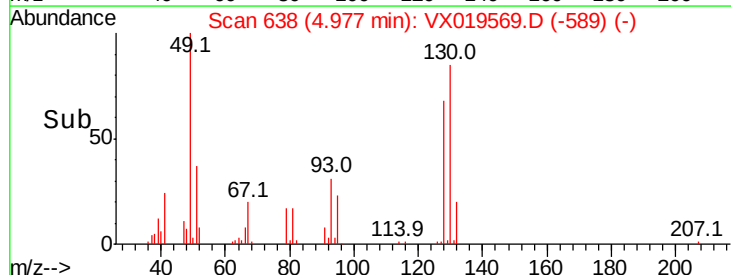
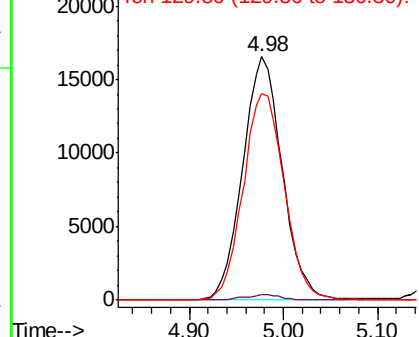
#28

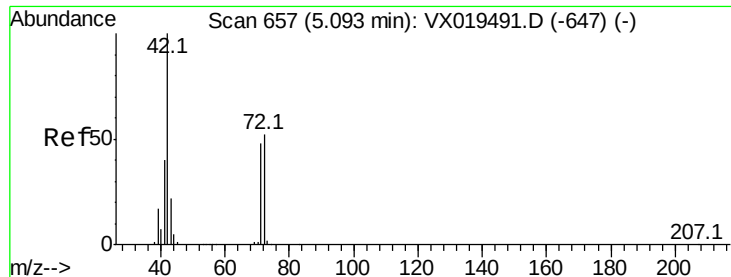
Bromochloromethane
Concen: 18.373 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 49 Resp: 48712
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 88.3 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

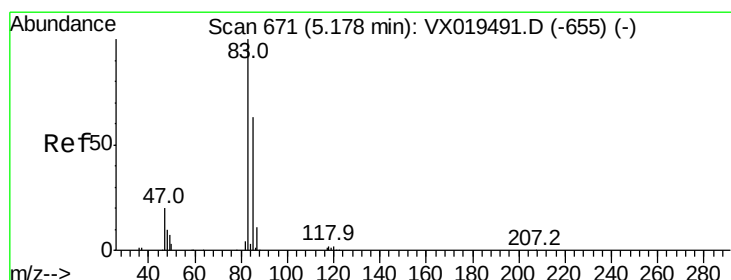
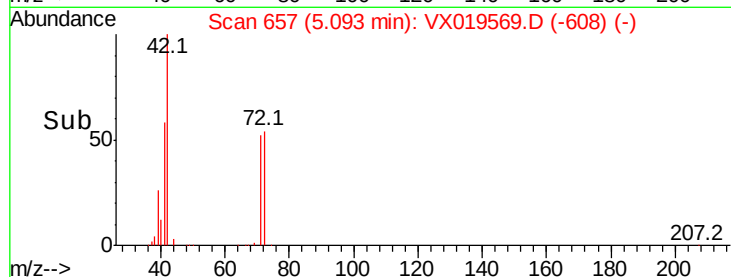
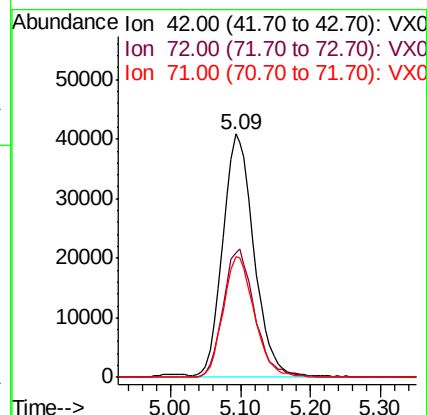
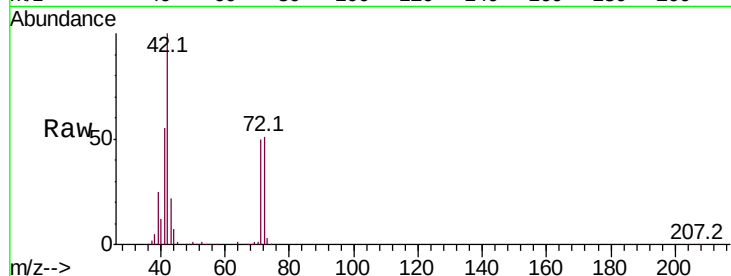




#29
Tetrahydrofuran
Concen: 93.174 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

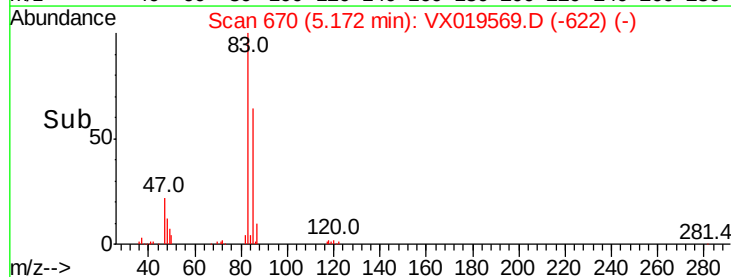
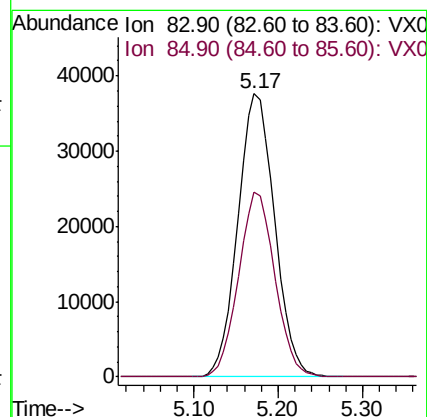
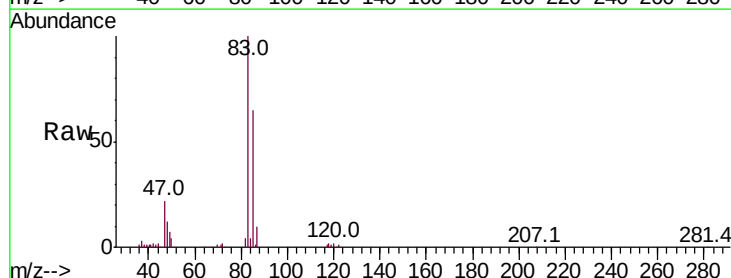
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

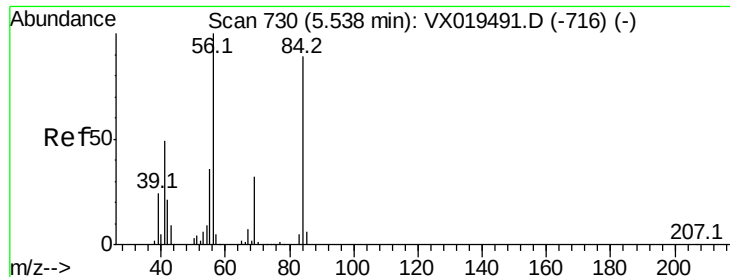
Tot Ion: 42 Resp: 126178
Ion Ratio Lower Upper
42 100
72 53.6 42.6 63.8
71 49.9 39.0 58.6



#30
Chloroform
Concen: 19.218 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 83 Resp: 111436
Ion Ratio Lower Upper
83 100
85 65.5 50.5 75.7

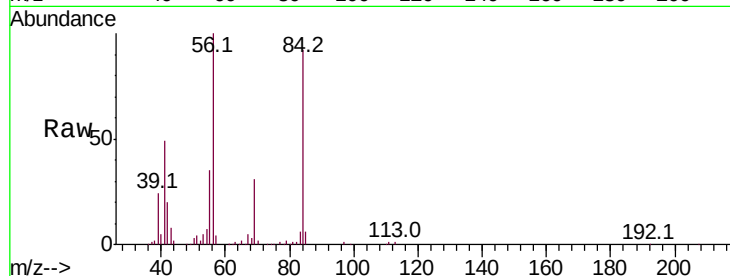




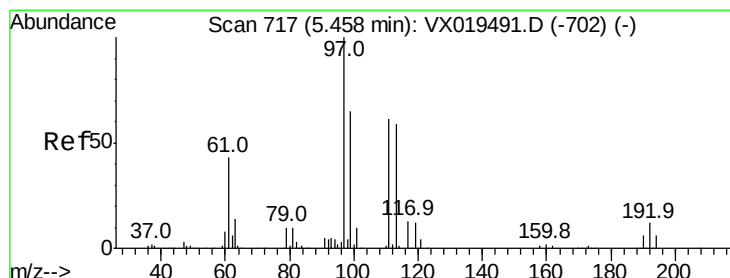
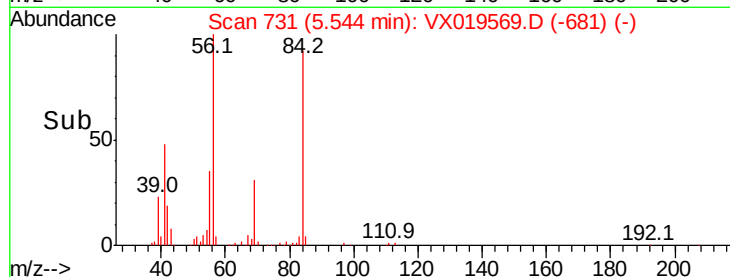
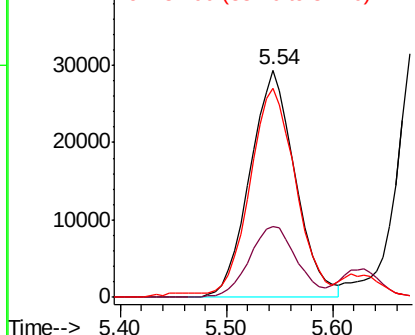
#31
Cvclohexane
Concen: 18.346 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion: 56 Resp: 87179
Ion Ratio Lower Upper
56 100
69 30.9 25.5 38.3
84 90.2 71.1 106.7

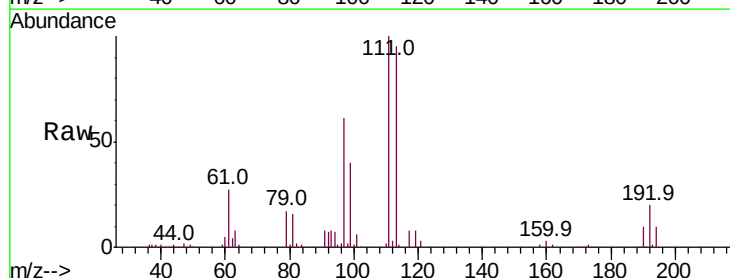


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

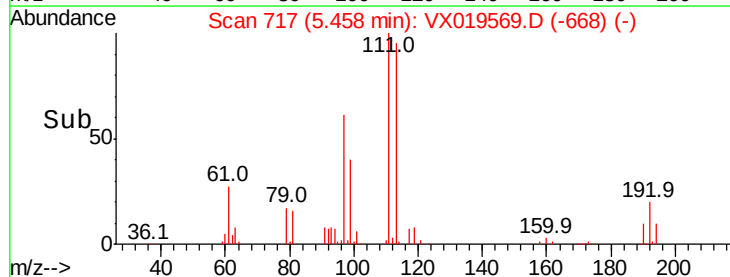
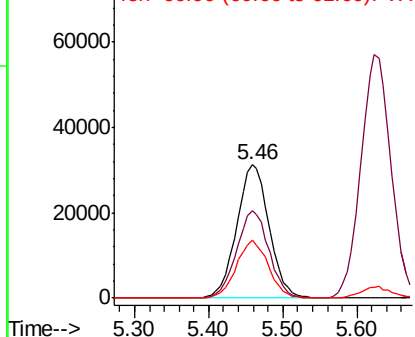


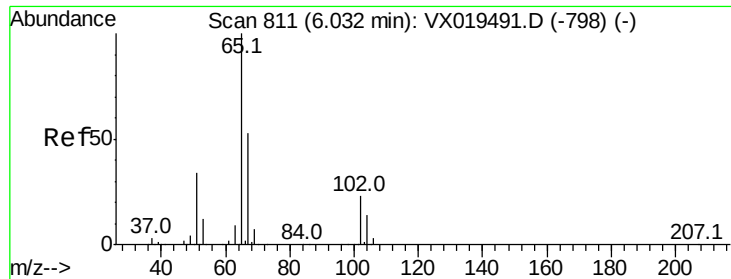
#32
1,1,1-Trichloroethane
Concen: 19.075 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 97 Resp: 95013
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 43.1 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

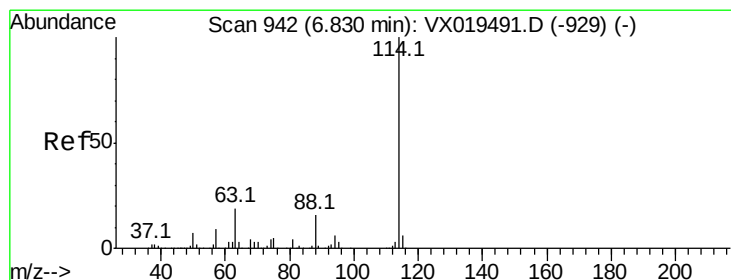
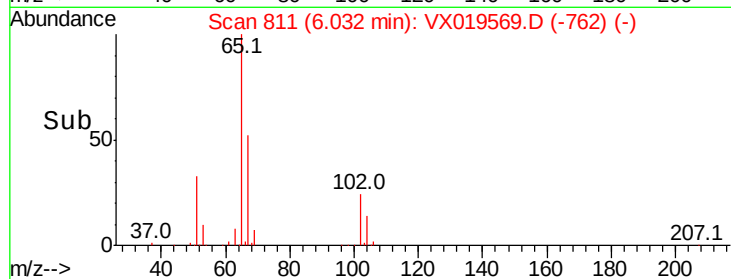
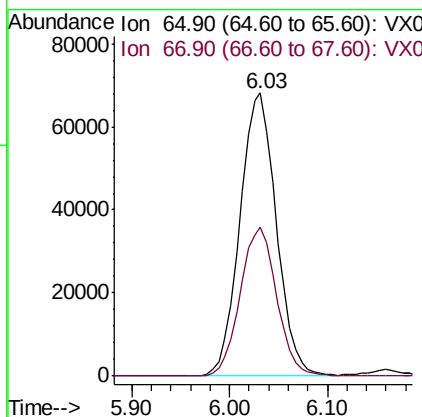
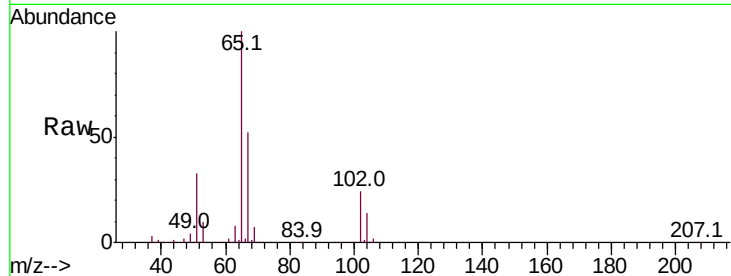




#33
 1,2-Dichloroethane-d4
 Concen: 48.336 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

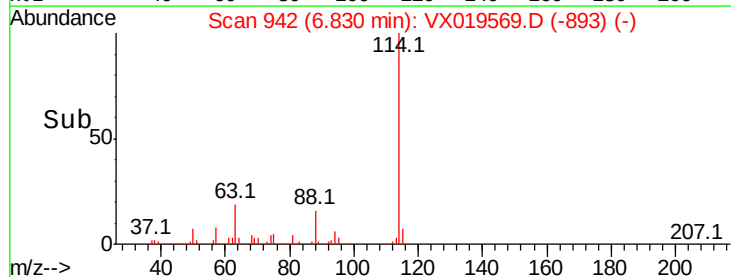
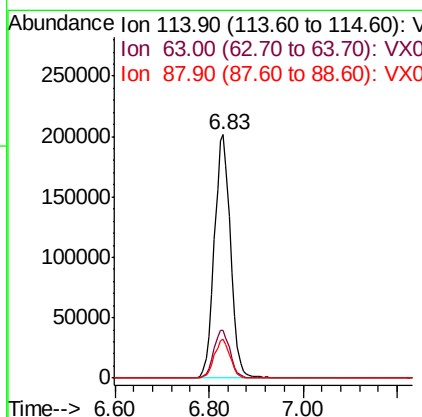
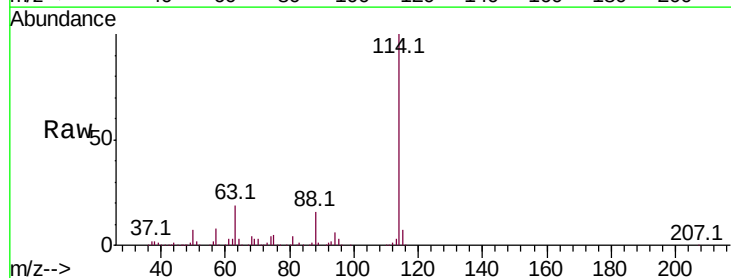
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

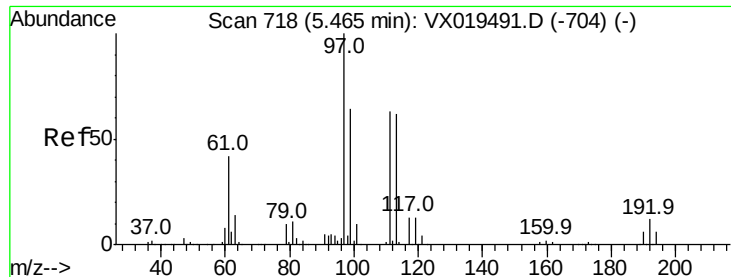
Tot Ion: 65 Resp: 176598
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 114 Resp: 477892
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.1 0.0 31.6

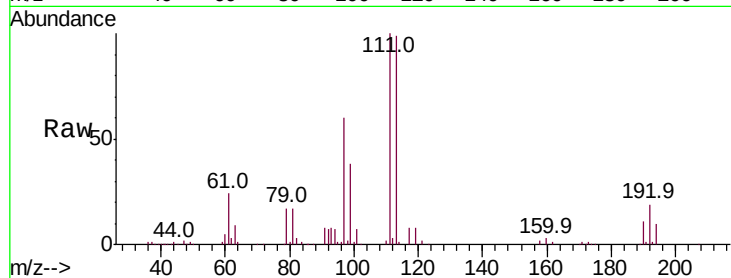




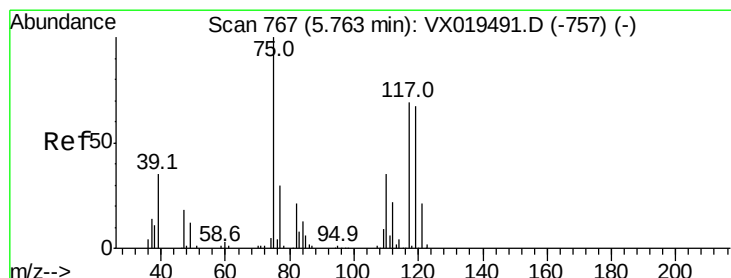
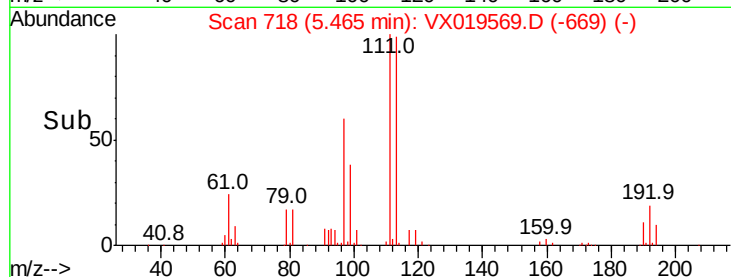
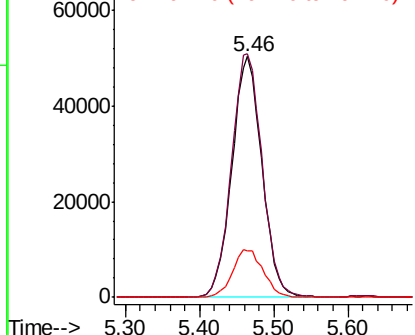
#35
 Dibromofluoromethane
 Concen: 47.444 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

Tot Ion:113 Resp: 142320
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 20.2 16.2 24.2

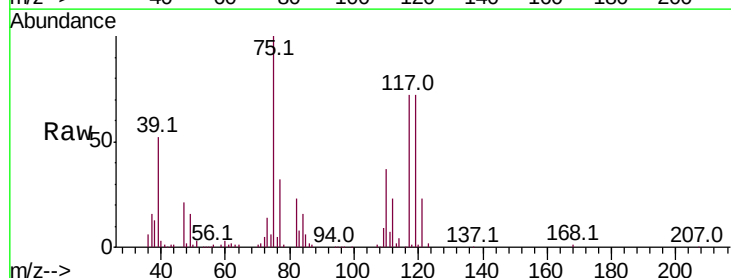


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

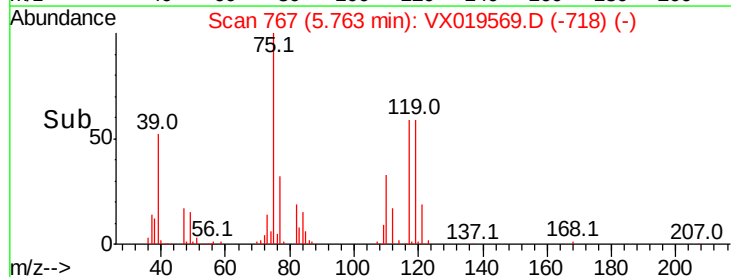
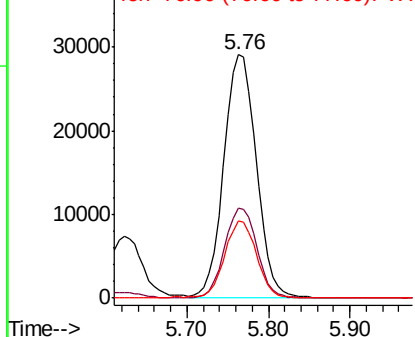


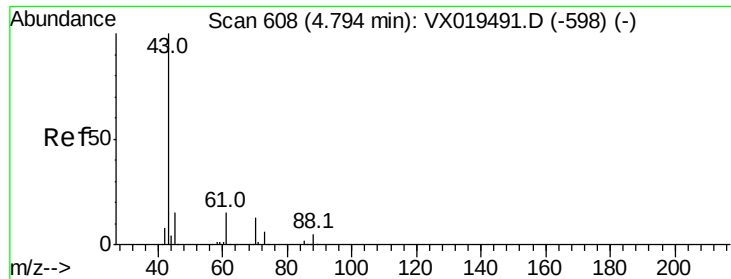
#36
 1,1-Dichloropropene
 Concen: 17.953 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 75 Resp: 80434
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.3
 77 31.2 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: 18.852 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

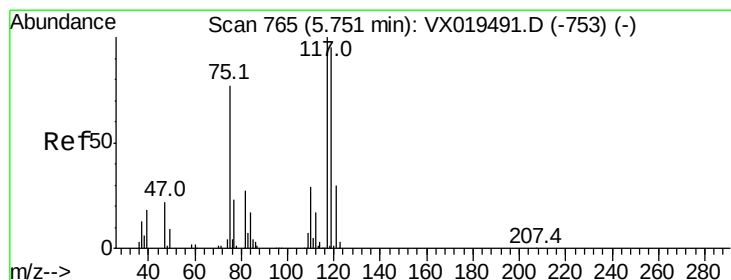
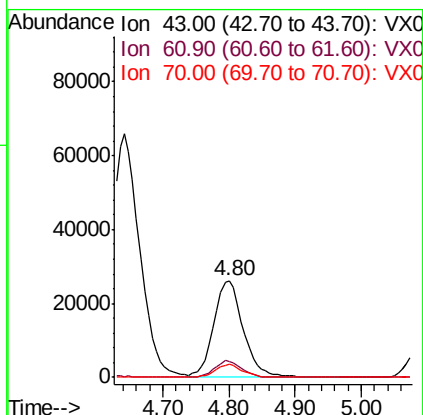
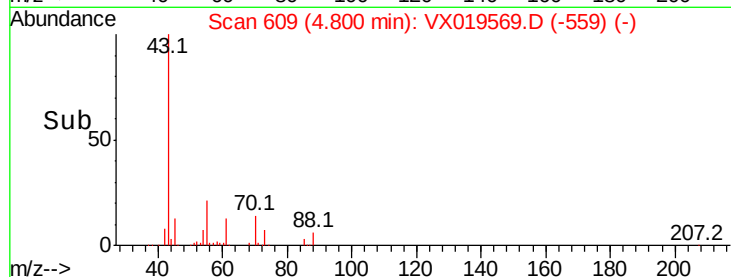
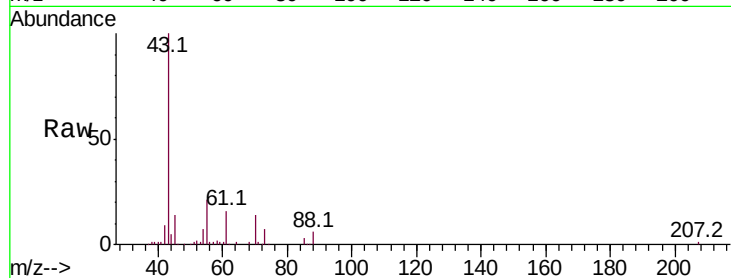
Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion: 43 Resp: 79293

Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.7	19.1
70	12.9	10.2	15.2



#38

Carbon Tetrachloride

Concen: 18.312 ug/l

RT: 5.74 min Scan# 764

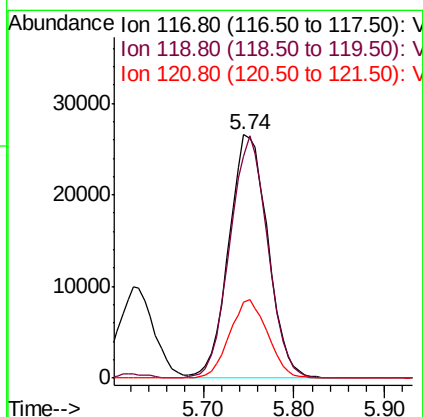
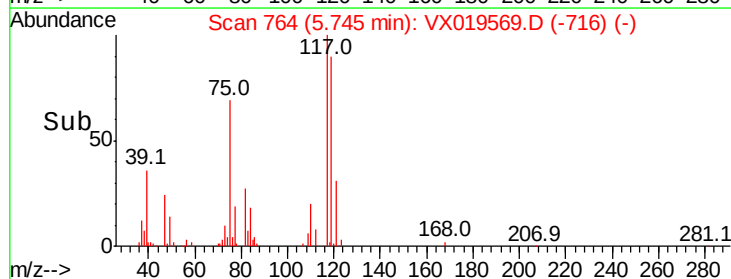
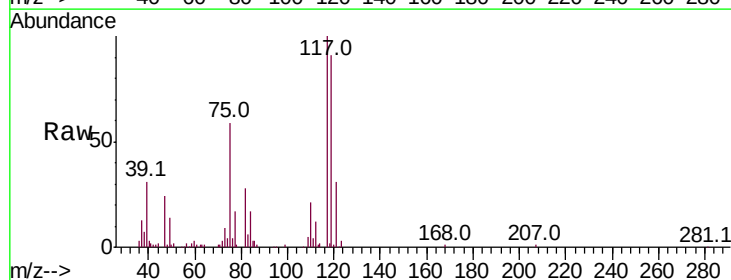
Delta R.T. -0.01 min

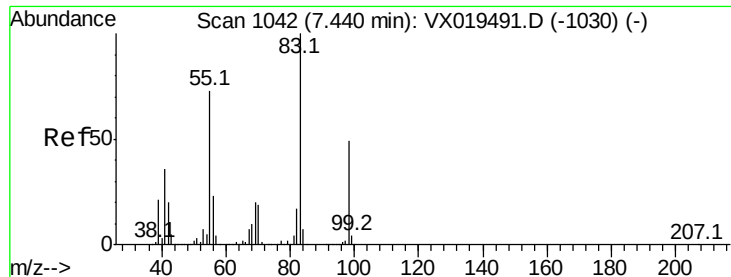
Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion: 117 Resp: 79411

Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.9	113.9
121	31.3	24.0	36.0

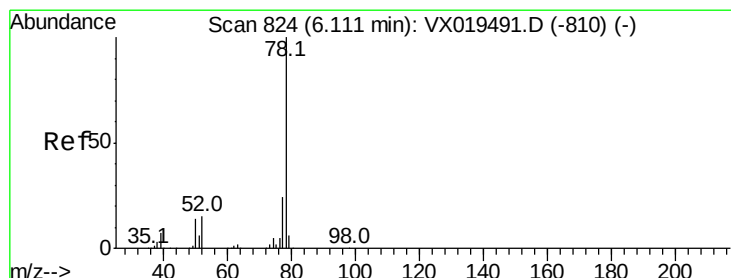
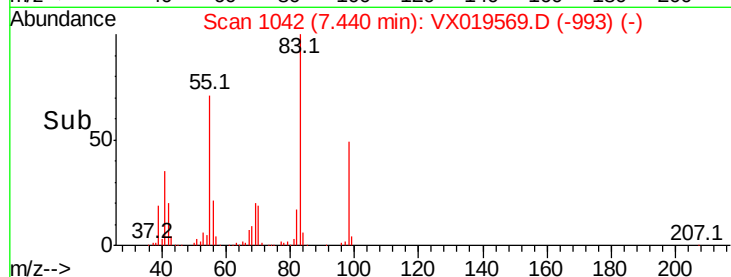
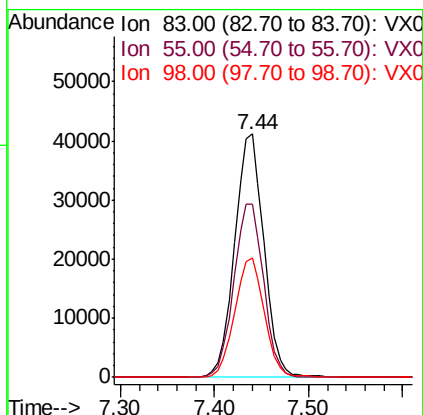
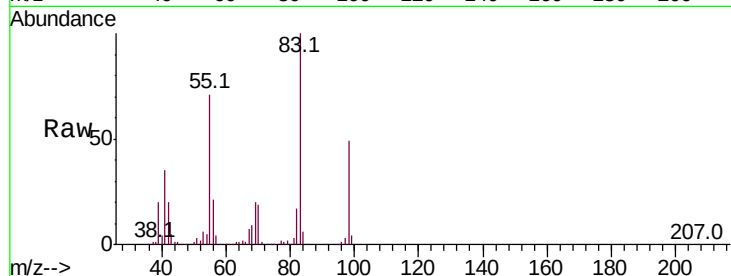




#39
Methylvlcyclohexane
Concen: 17.089 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

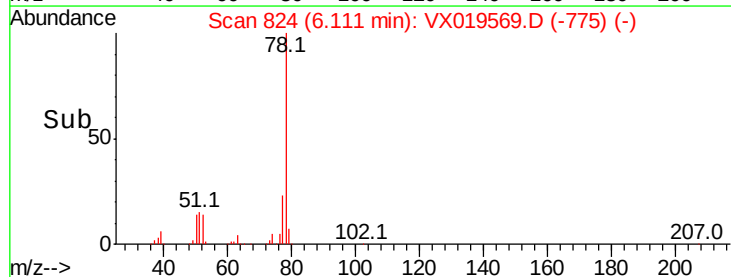
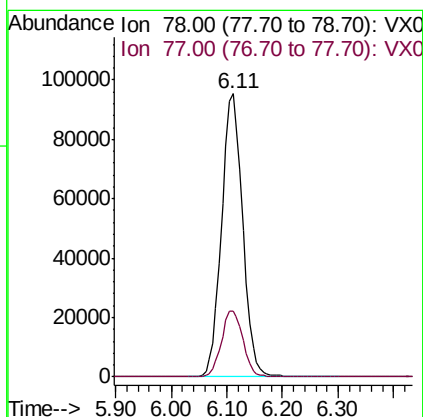
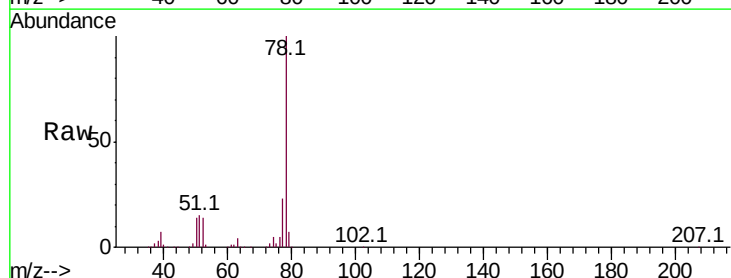
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

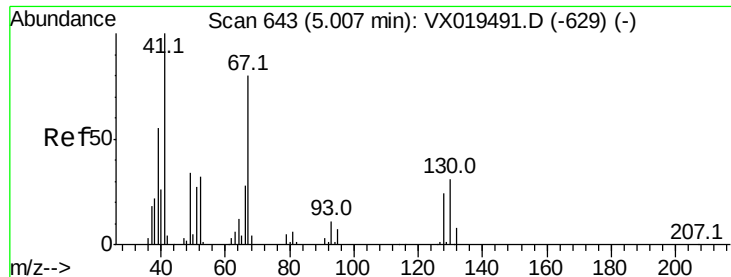
Tot Ion	83	Resp	89146
Ion Ratio	100	Lower	Upper
55	71.1	58.3	87.5
98	49.2	38.9	58.3



#40
Benzene
Concen: 18.200 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	78	Resp	250527
Ion Ratio	100	Lower	Upper
77	23.1	18.9	28.3

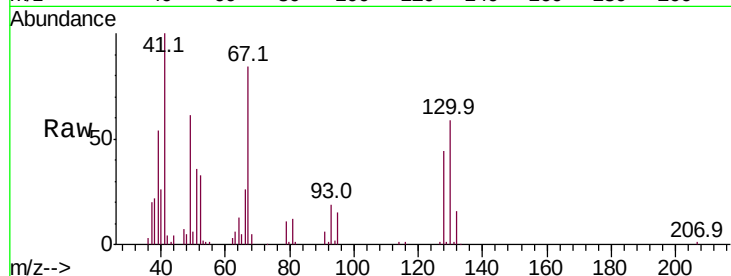




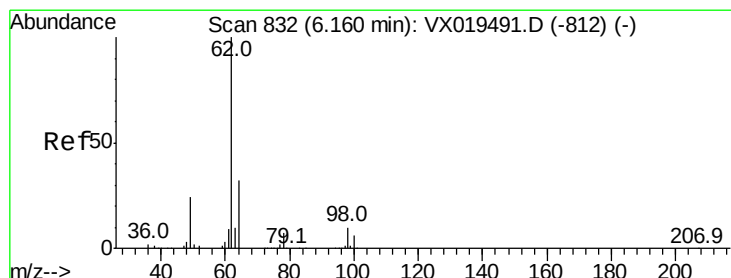
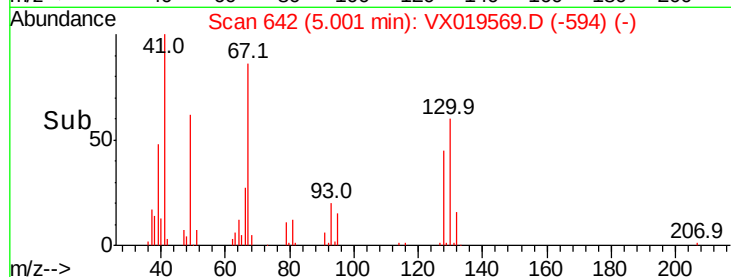
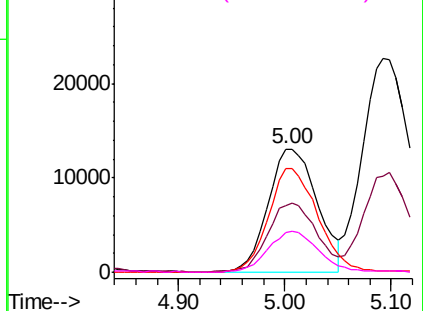
#41
Methacrylonitrile
Concen: 18.122 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion:	41	Resp:	42031
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	84.4	66.0	99.0
52	34.2	25.4	38.2

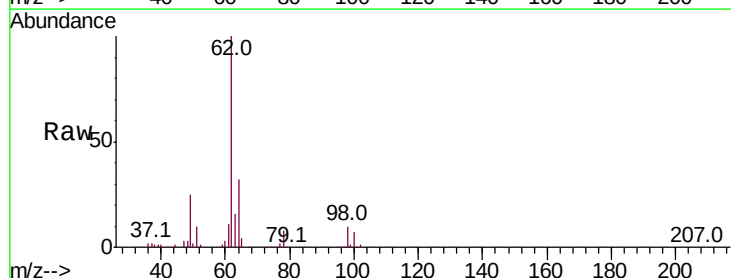


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

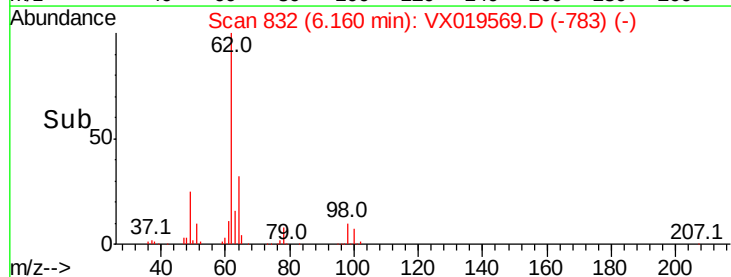
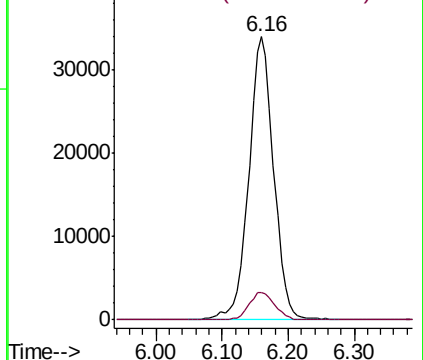


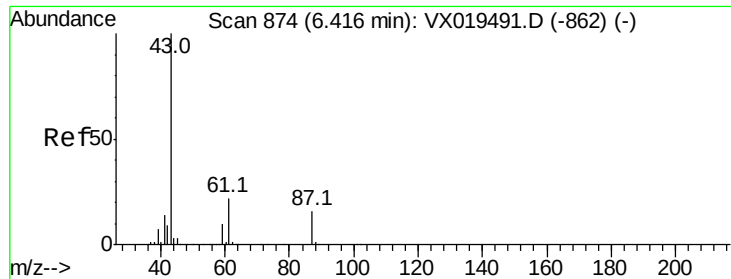
#42
1,2-Dichloroethane
Concen: 18.815 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion:	62	Resp:	88775
Ion	Ratio	Lower	Upper
62	100		
98	9.9	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: 18.017 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

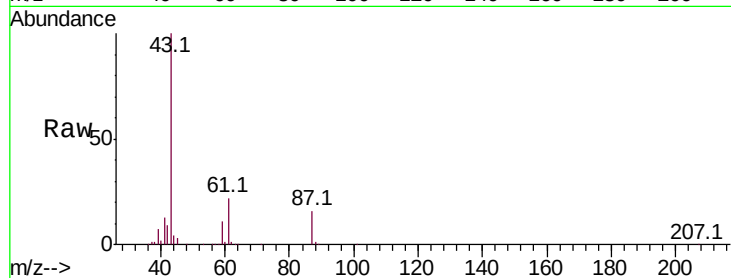
Tot Ion: 43 Resp: 127385

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.2

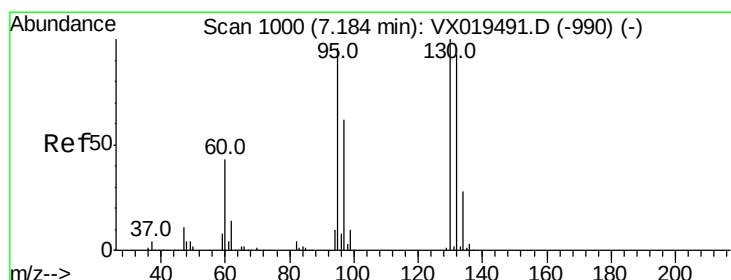
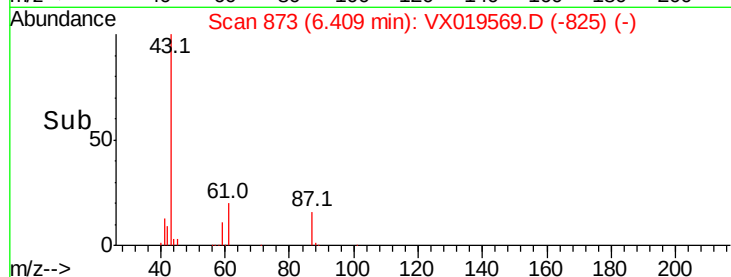
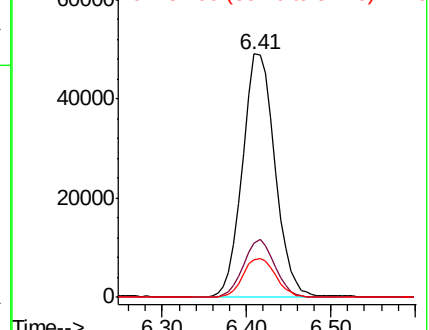
87 16.2 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.759 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019569.D

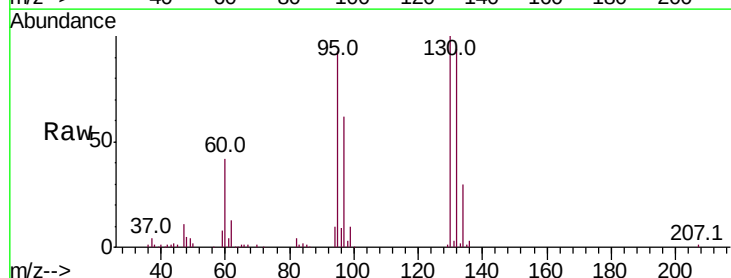
Acq: 23 Nov 2020 23:15

Tgt Ion:130 Resp: 74852

Ion Ratio Lower Upper

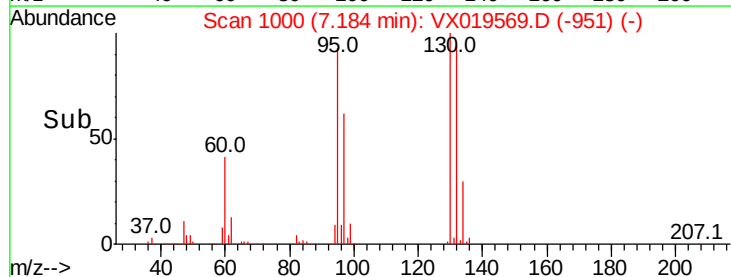
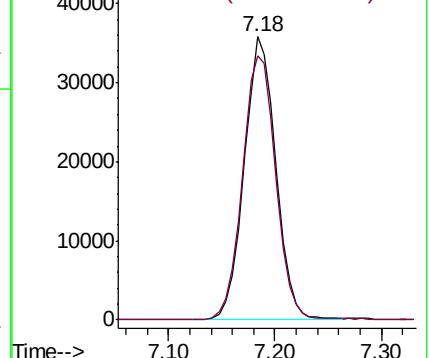
130 100

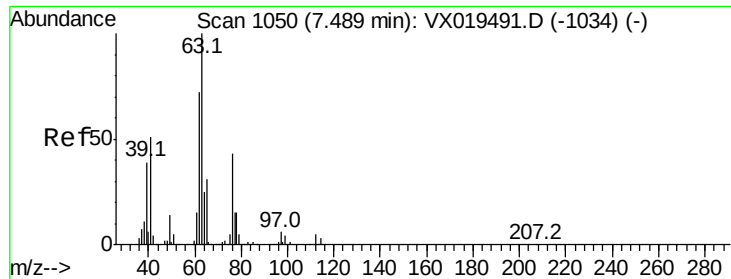
95 93.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

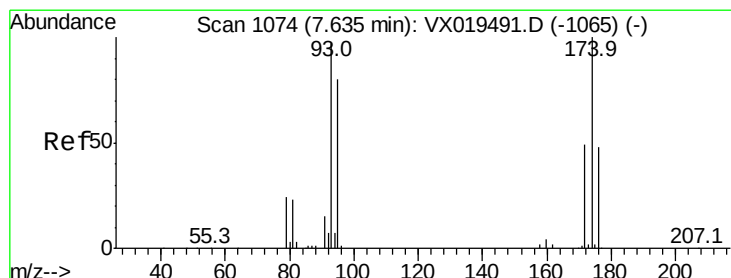
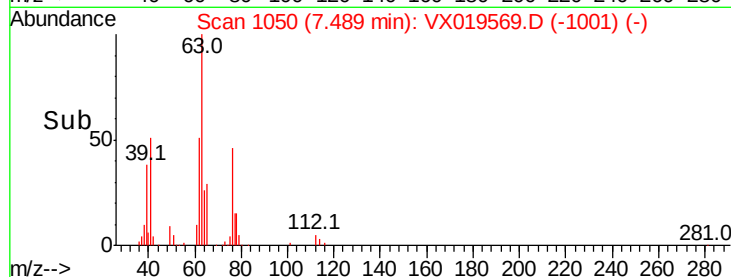
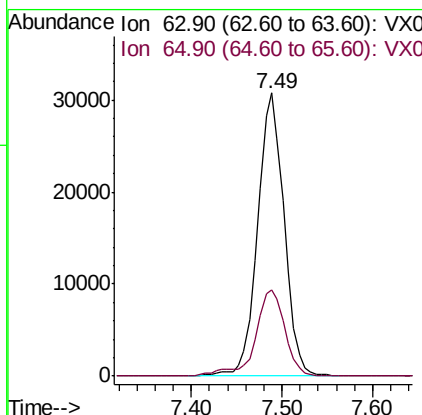
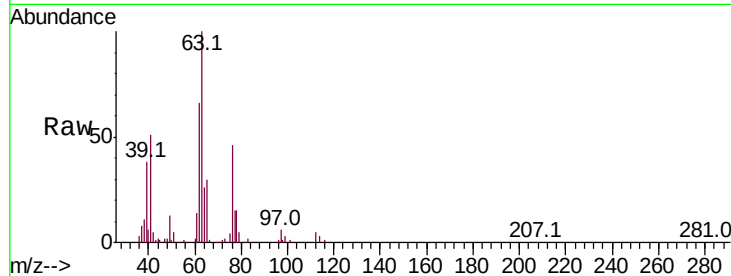




#45
 1,2-Dichloropropane
 Concen: 18.327 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

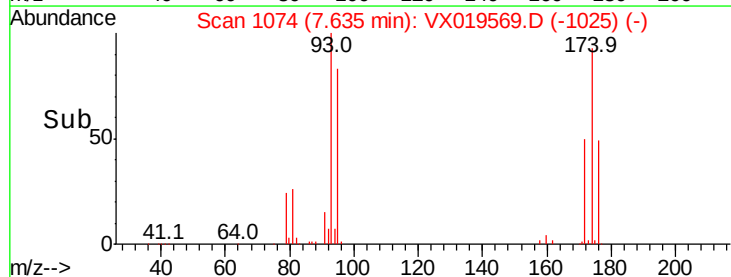
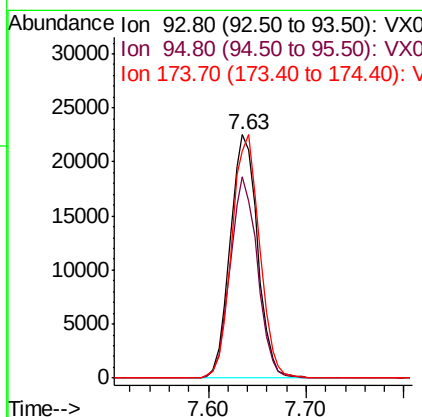
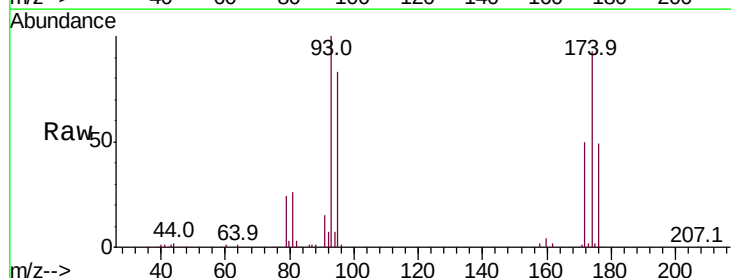
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

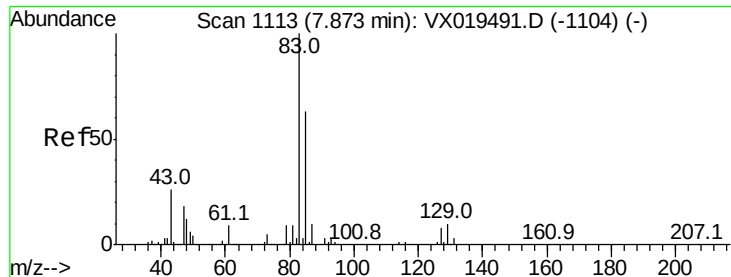
Tot Ion: 63 Resp: 62106
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 18.913 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 93 Resp: 43867
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.8 100.2
 174 101.0 83.0 124.4





#47

Bromodichloromethane

Concen: 18.520 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

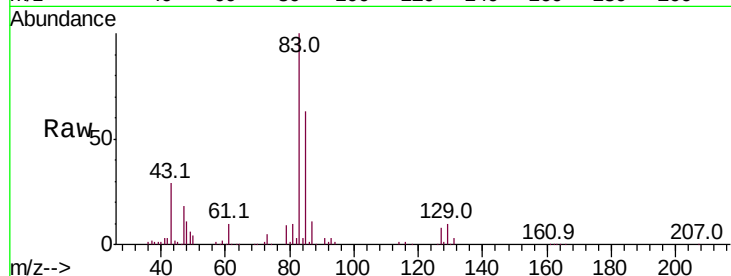
Tot Ion: 83 Resp: 83351

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.2

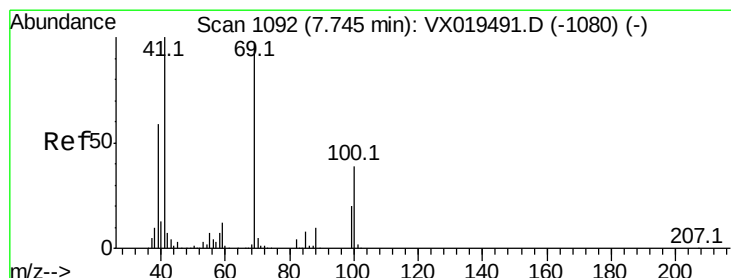
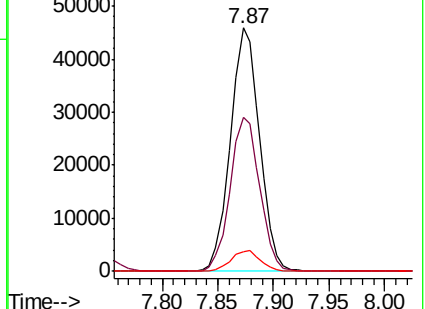
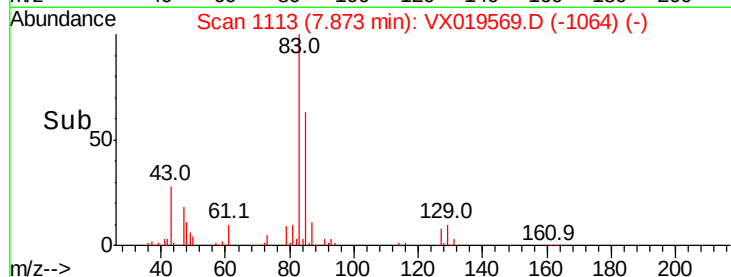
127 8.3 6.4 9.6



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: 18.434 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

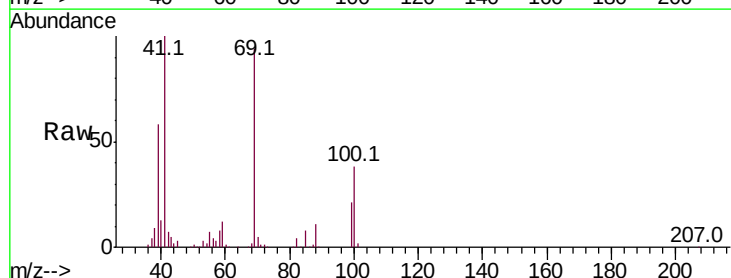
Tgt Ion: 41 Resp: 61039

Ion Ratio Lower Upper

41 100

69 98.8 77.0 115.6

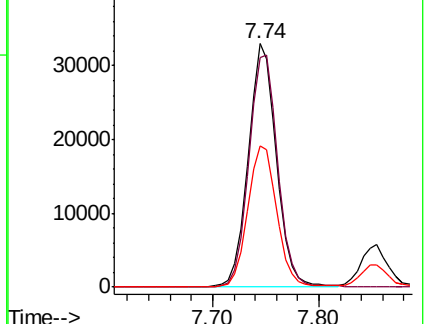
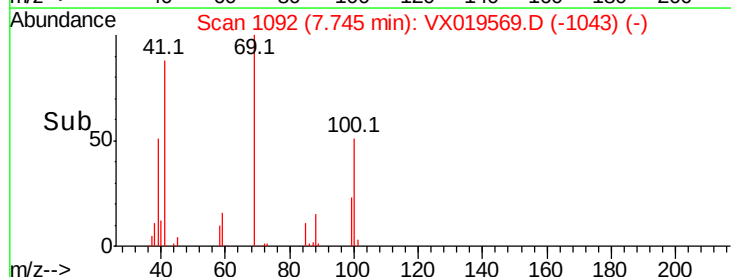
39 60.4 45.6 68.4

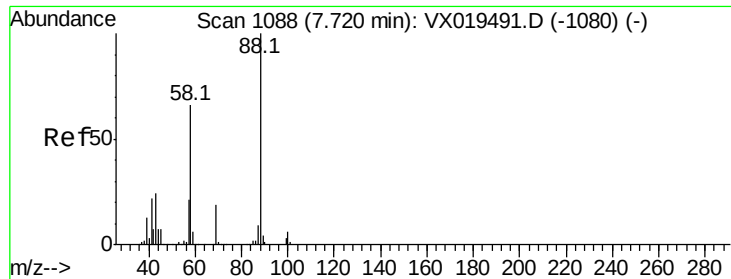


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

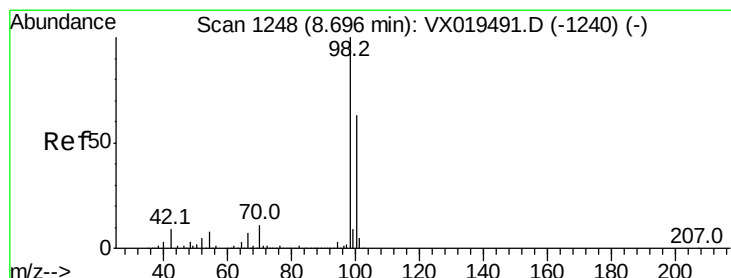
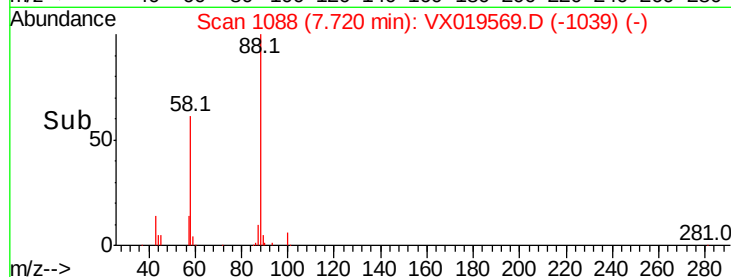
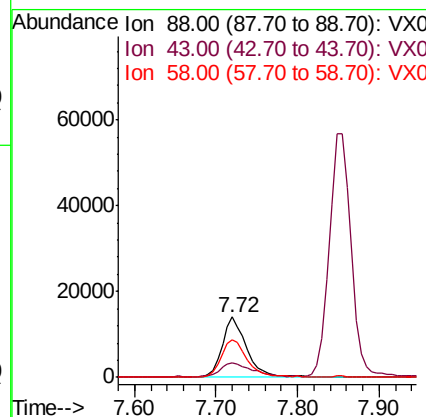
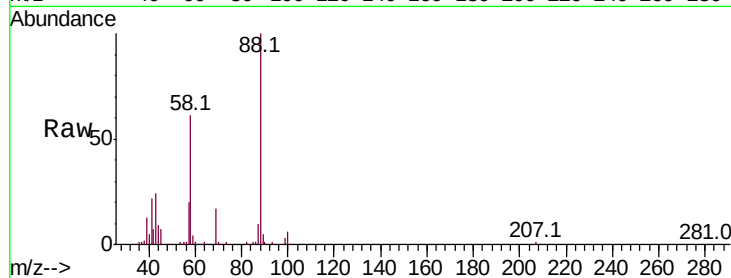




#49
1,4-Dioxane
Concen: 392.884 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

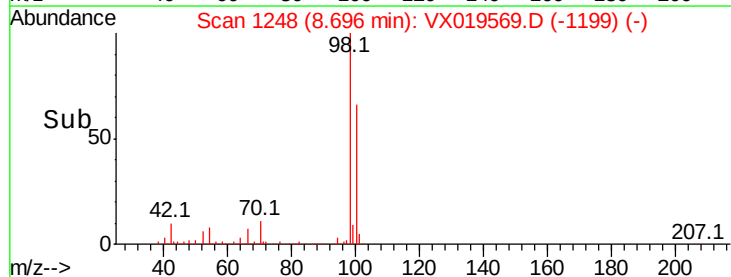
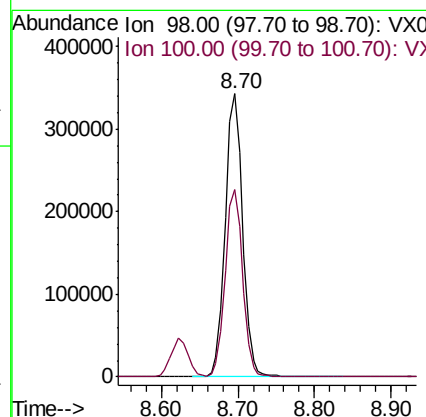
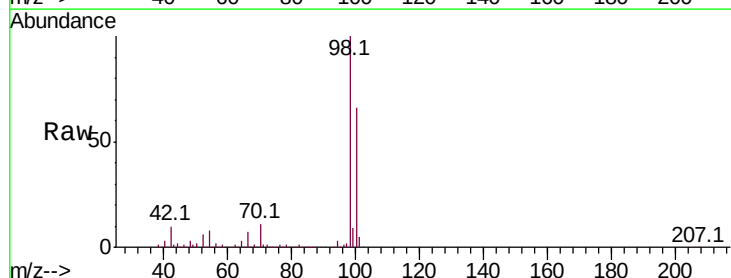
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

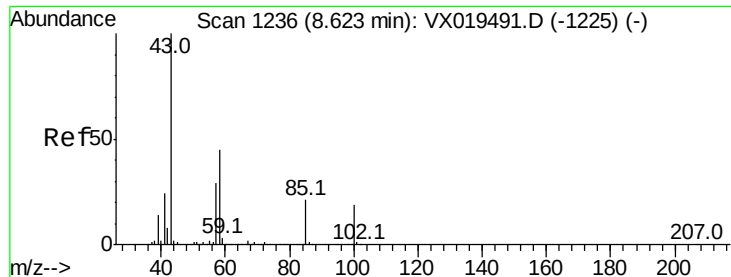
Tot Ion: 88 Resp: 29538
Ion Ratio Lower Upper
88 100
43 28.5 23.8 35.6
58 65.6 54.2 81.2



#50
Toluene-d8
Concen: 46.285 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 98 Resp: 539524
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 93.257 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

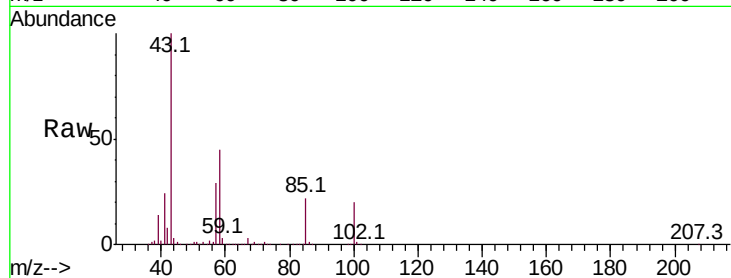
VX1123WBSD02

Tot Ion: 43 Resp: 384490

Ion Ratio Lower Upper

43 100

58 44.2 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

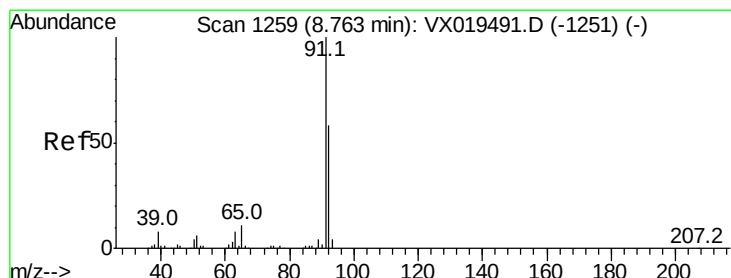
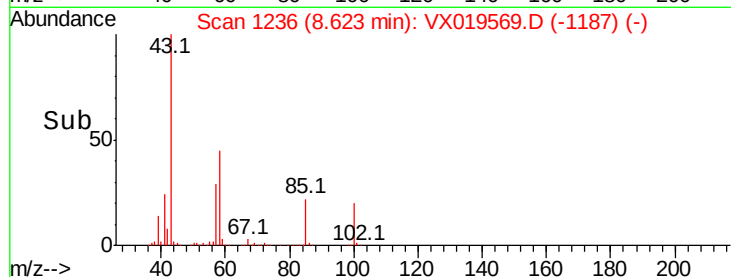
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.608 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019569.D

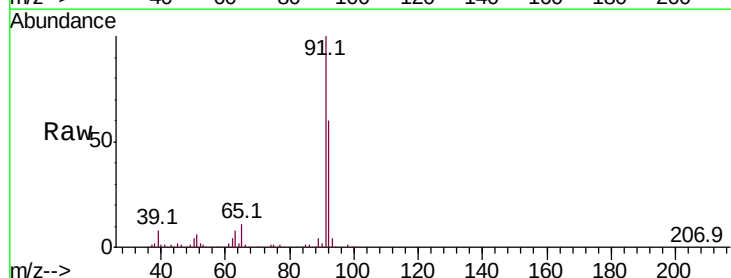
Acq: 23 Nov 2020 23:15

Tgt Ion: 92 Resp: 156700

Ion Ratio Lower Upper

92 100

91 170.7 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

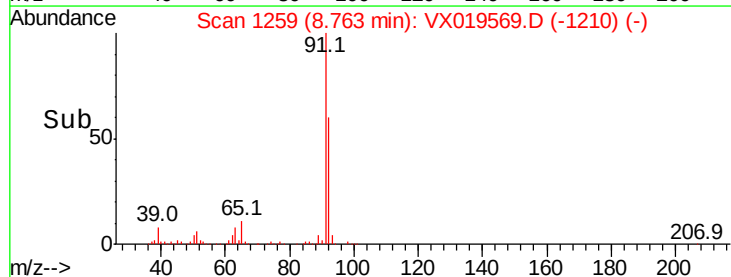
100000

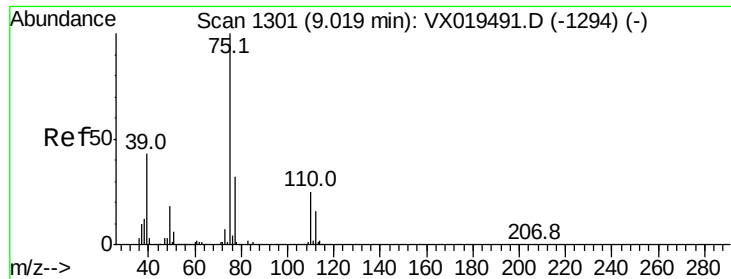
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.990 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

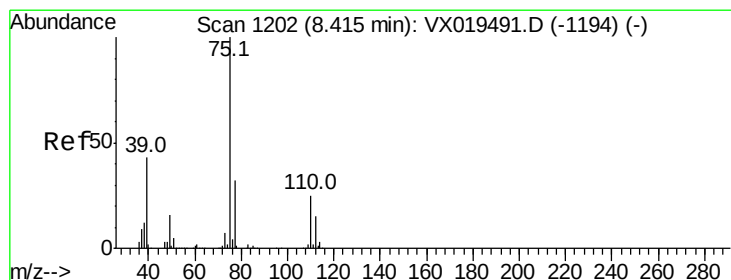
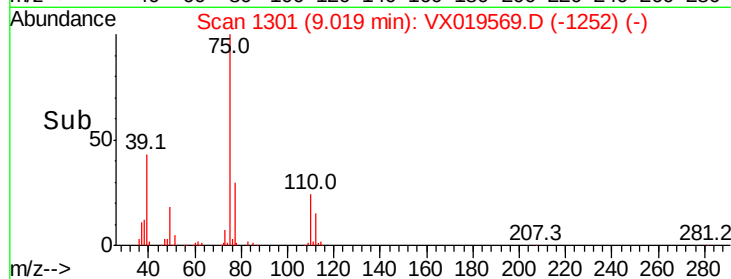
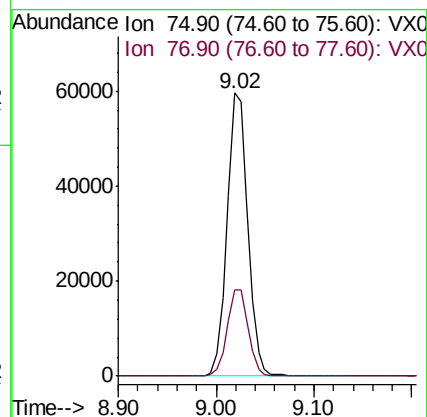
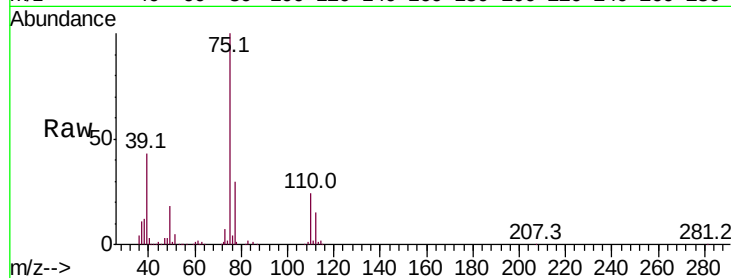
VX1123WBSD02

Tot Ion: 75 Resp: 87442

Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.220 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

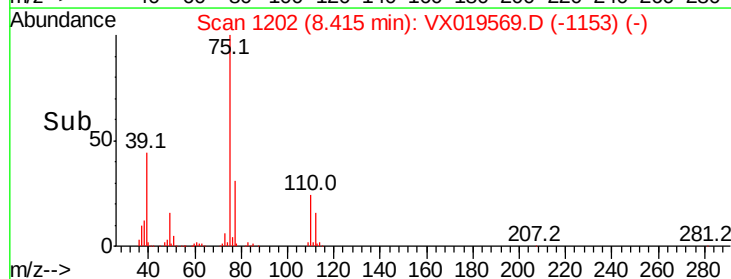
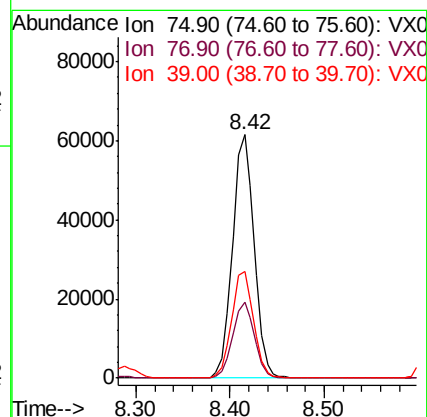
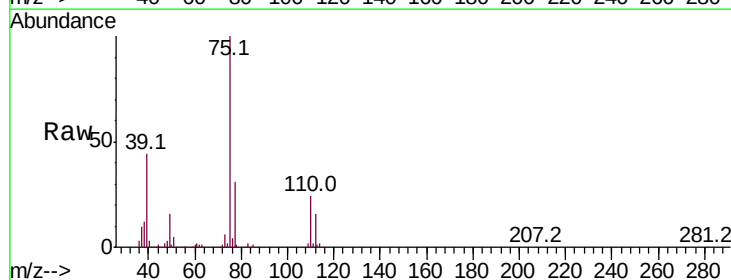
Tgt Ion: 75 Resp: 98282

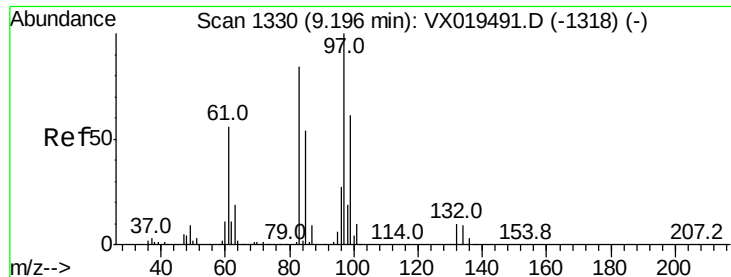
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 43.6 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 18.734 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

Tot Ion: 97 Resp: 64251

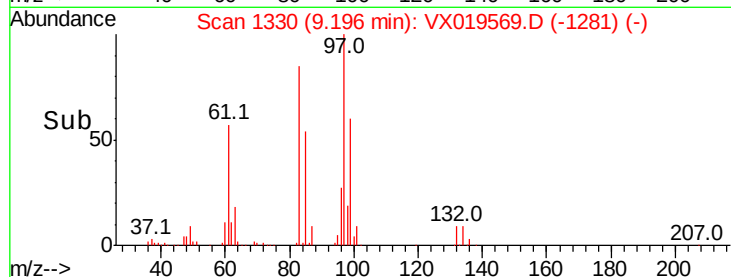
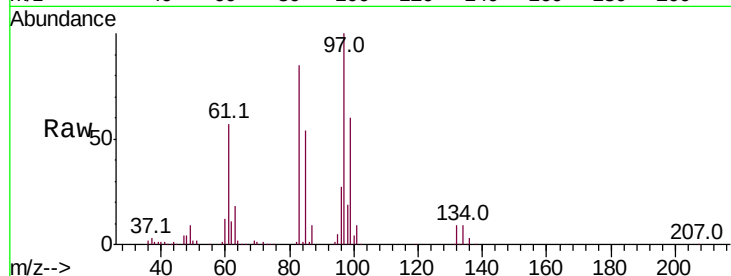
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.0	100.6
85	53.9	43.4	65.0
99	60.4	49.0	73.4

97 100

83 84.7 67.0 100.6

85 53.9 43.4 65.0

99 60.4 49.0 73.4



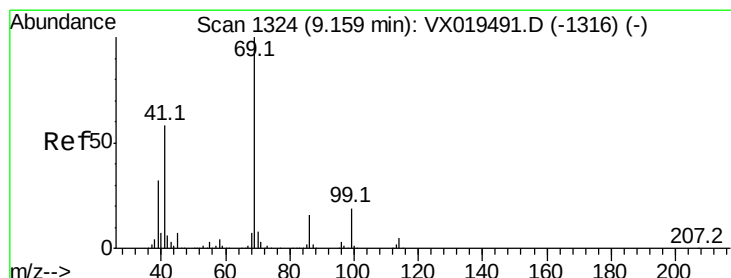
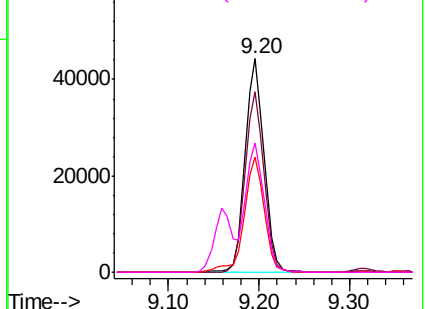
Abundance

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: 18.805 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

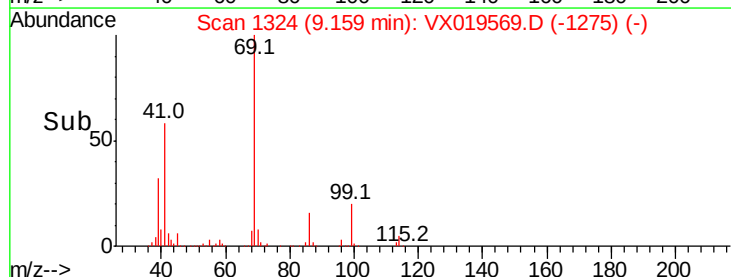
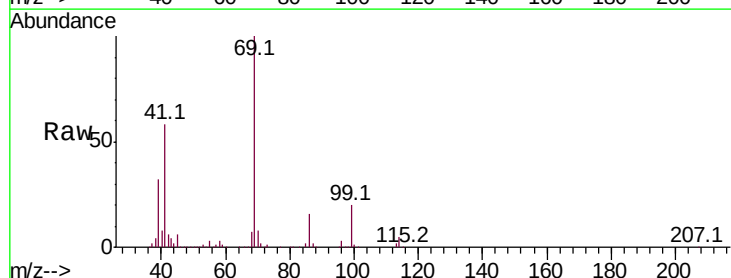
Tgt Ion: 69 Resp: 91261

Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.2	69.2
39	32.7	25.5	38.3

69 100

41 58.2 46.2 69.2

39 32.7 25.5 38.3

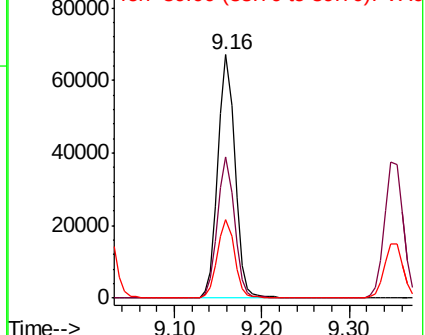


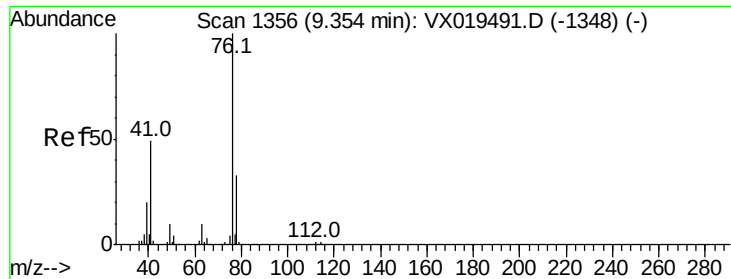
Abundance

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: 18.750 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

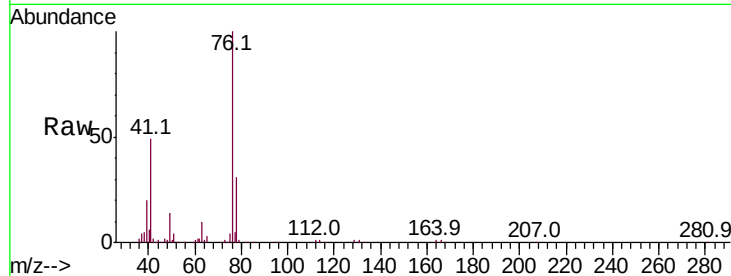
VX1123WBSD02

Tot Ion: 76 Resp: 107658

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

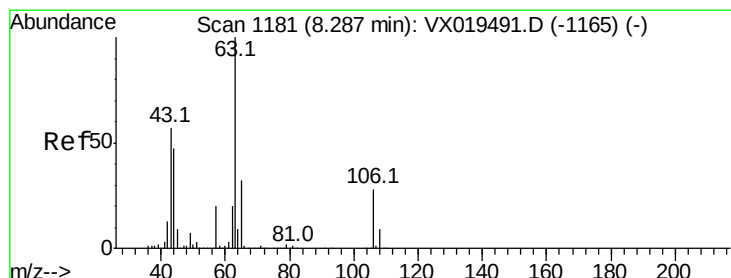
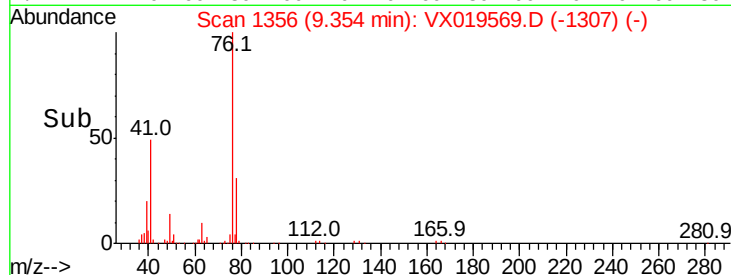
40000

20000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 86.546 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019569.D

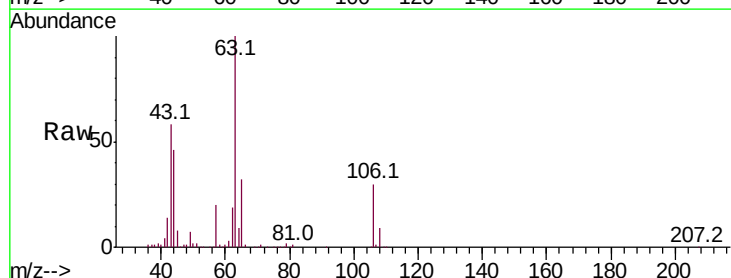
Acq: 23 Nov 2020 23:15

Tgt Ion: 63 Resp: 246100

Ion Ratio Lower Upper

63 100

106 30.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

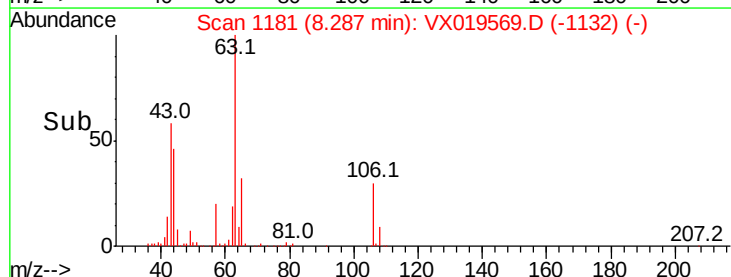
100000

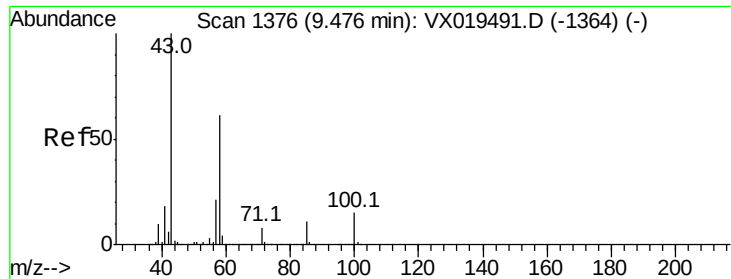
50000

0

8.20 8.30 8.40

Time-->

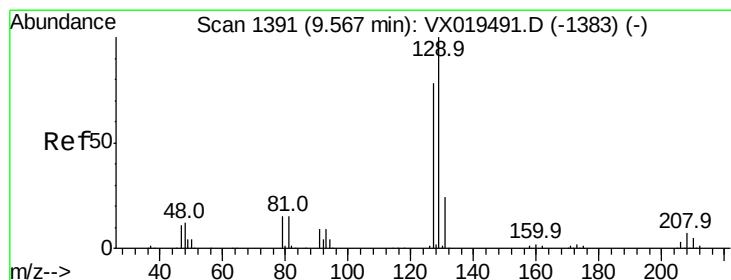
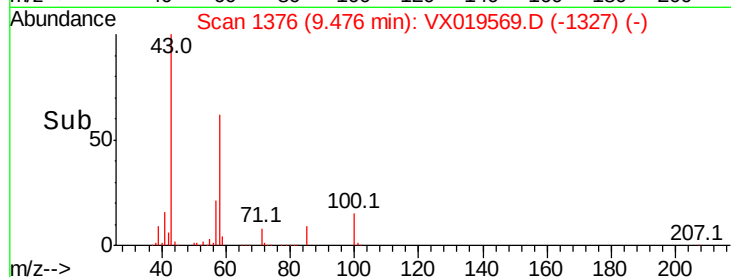
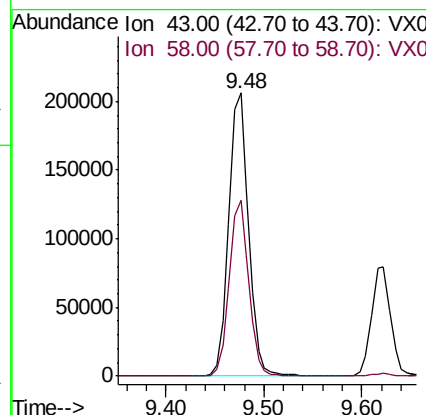
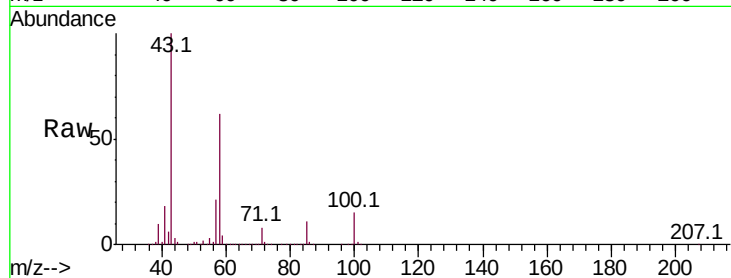




#59
2-Hexanone
Concen: 92.613 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

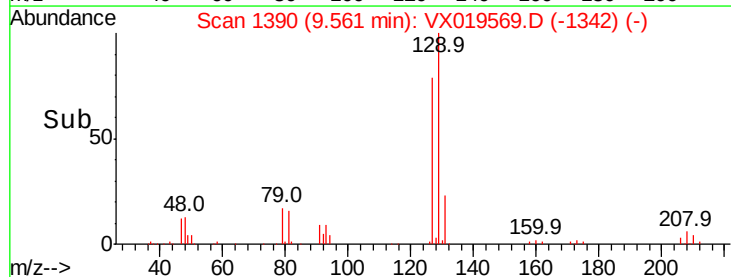
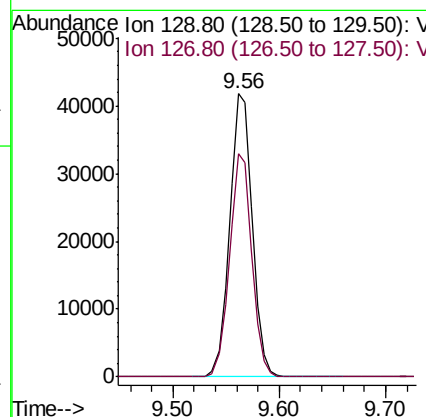
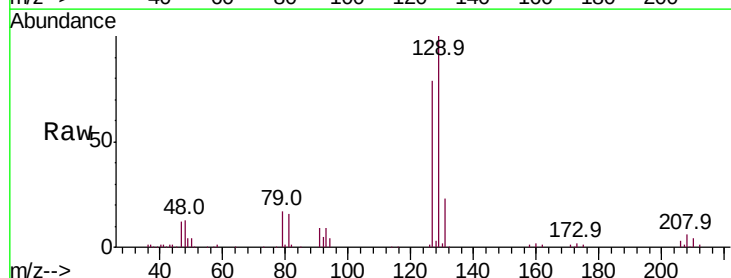
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

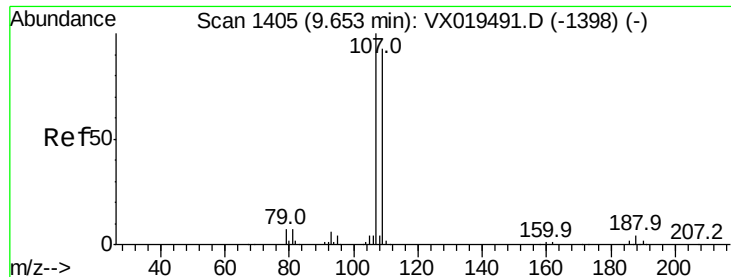
Tot Ion: 43 Resp: 289593
Ion Ratio Lower Upper
43 100
58 61.5 30.6 91.6



#60
Dibromochloromethane
Concen: 18.459 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 129 Resp: 62010
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9

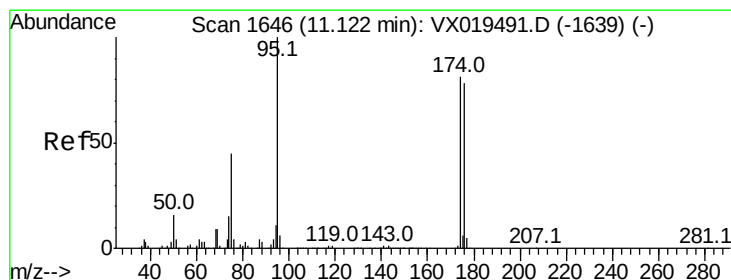
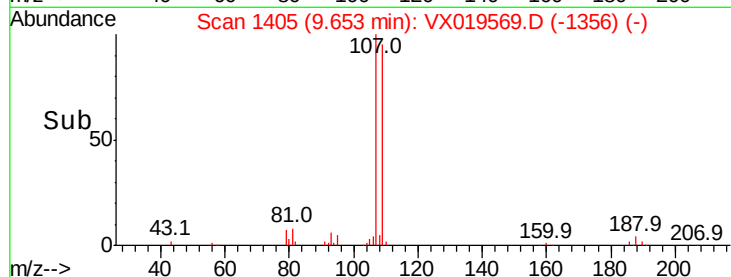
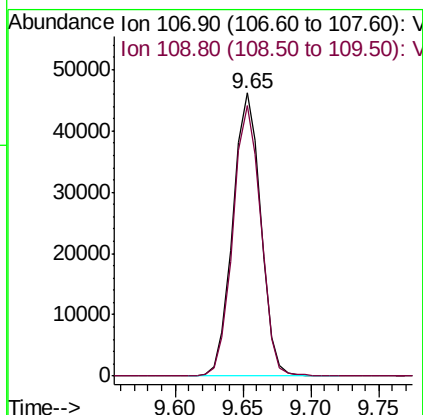
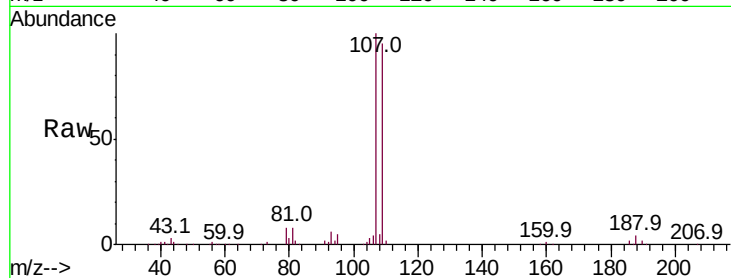




#61
 1,2-Dibromoethane
 Concen: 18.668 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

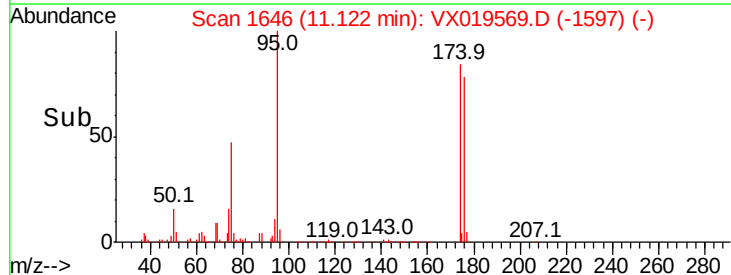
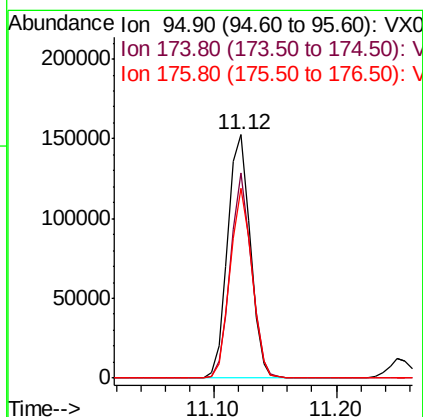
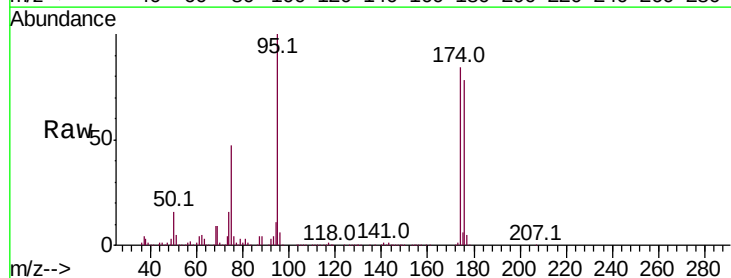
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

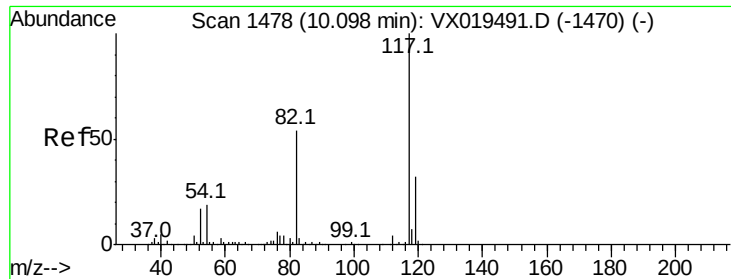
Tot Ion:107 Resp: 65993
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.499 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 95 Resp: 195012
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 156.2
 176 75.2 0.0 151.4

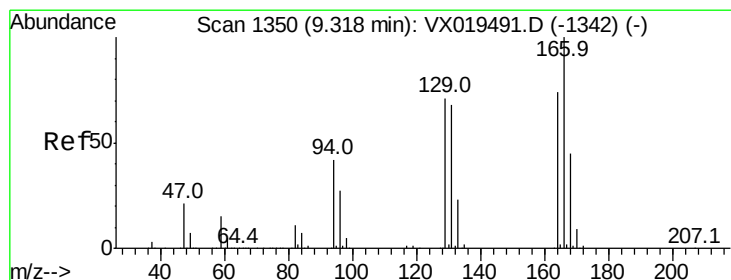
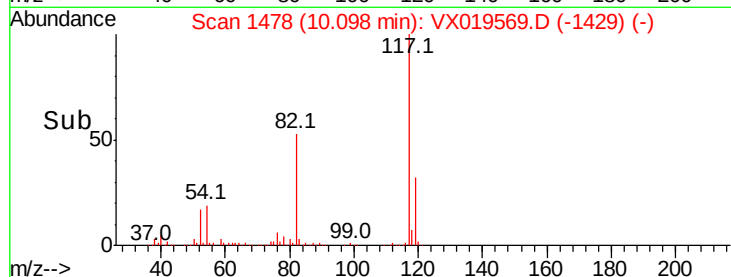
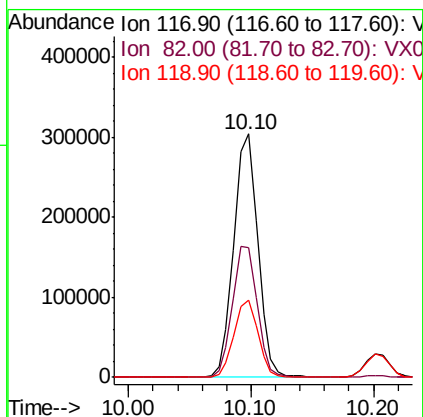
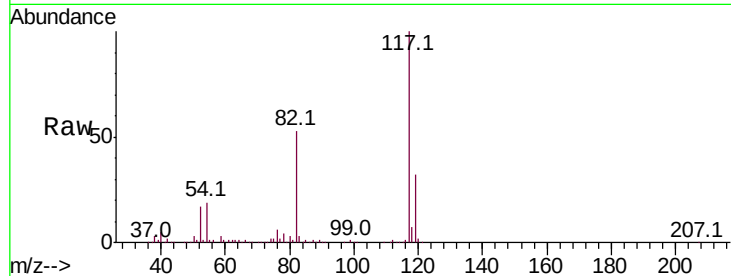




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

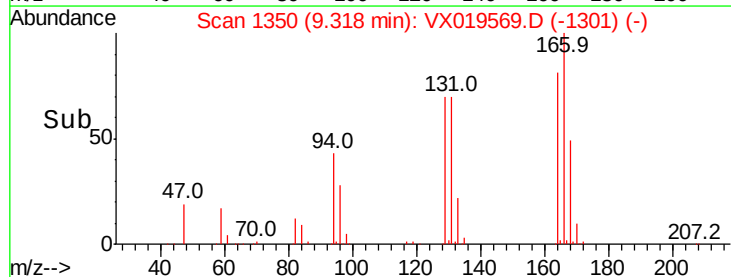
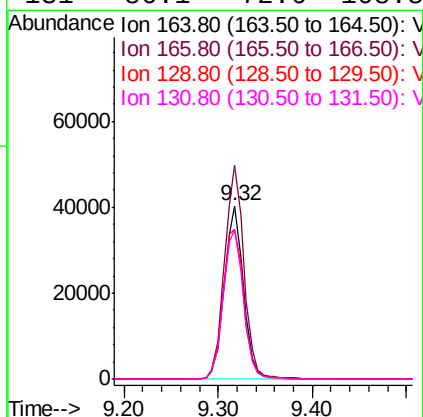
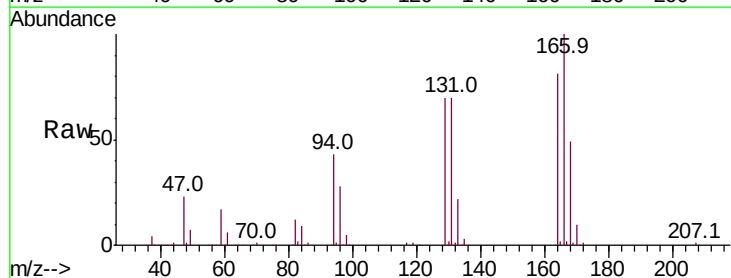
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

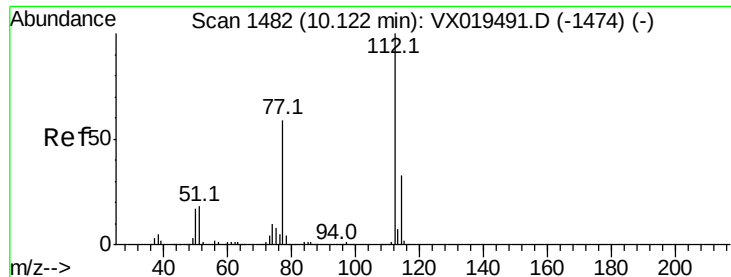
Tot Ion:117 Resp: 414334
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 17.415 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion:164 Resp: 56719
Ion Ratio Lower Upper
164 100
166 123.2 107.4 161.0
129 86.7 76.6 114.8
131 86.1 72.6 108.8





#65

Chlorobenzene

Concen: 18.845 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

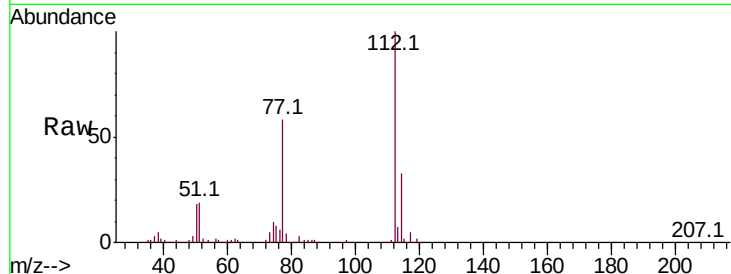
VX1123WBSD02

Tot Ion:112 Resp: 160541

Ion Ratio Lower Upper

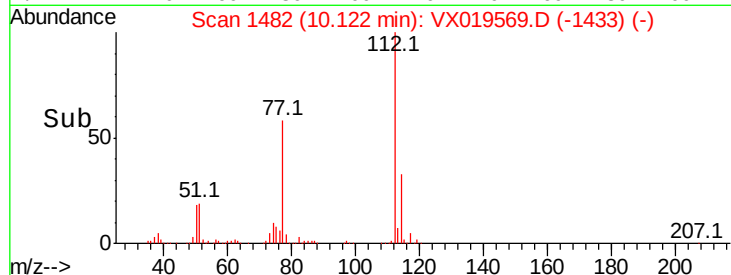
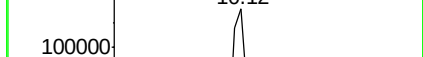
112 100

114 33.1 26.0 39.0

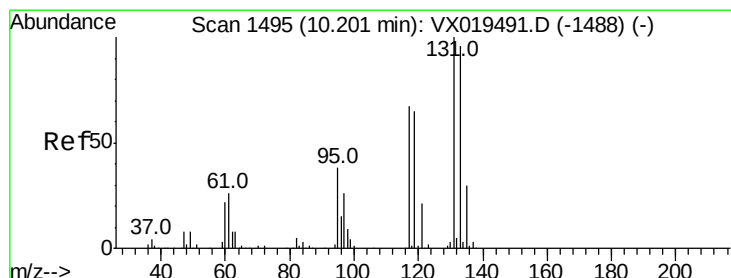
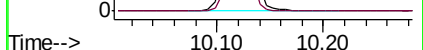


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Abundance



#66

1,1,1,2-Tetrachloroethane

Concen: 19.296 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

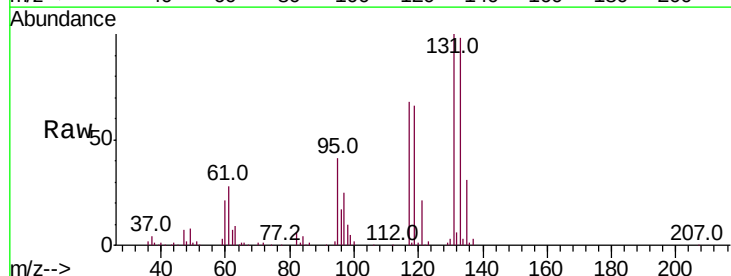
Tgt Ion:131 Resp: 59791

Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

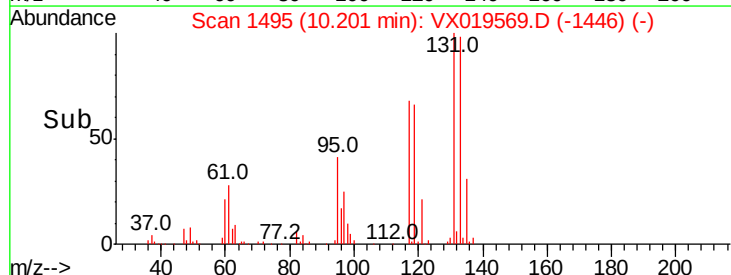
119 66.1 33.0 99.0



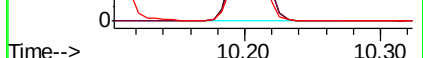
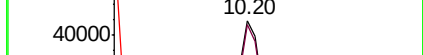
Abundance Ion 130.80 (130.50 to 131.50): V

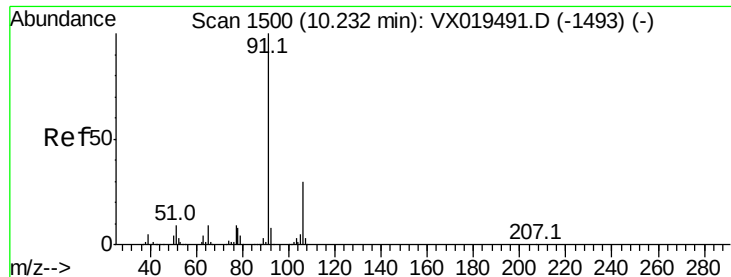
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Abundance

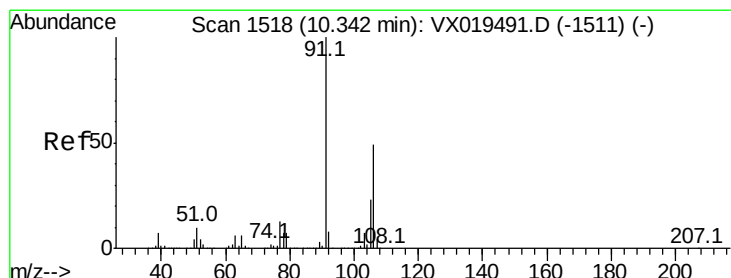
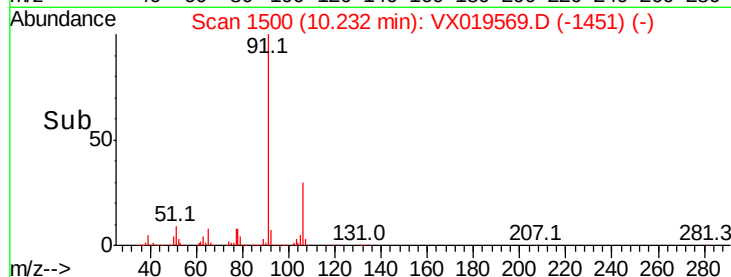
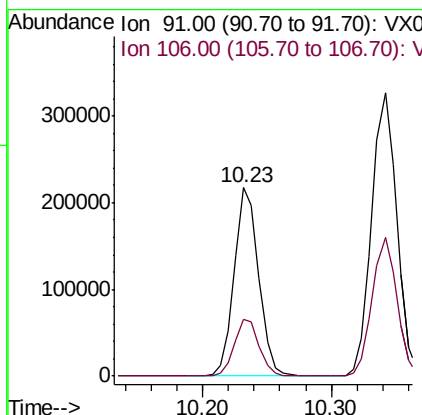
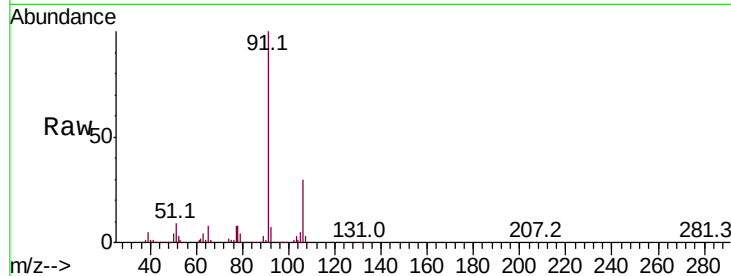




#67
Ethyl Benzene
Concen: 19.306 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

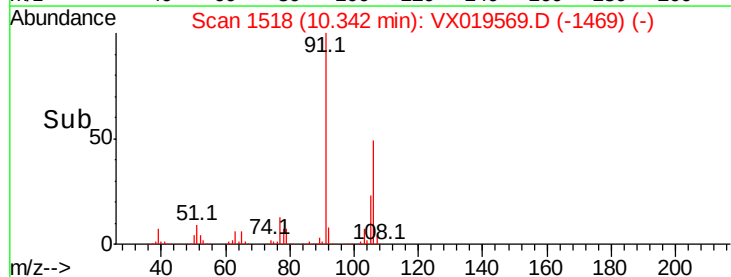
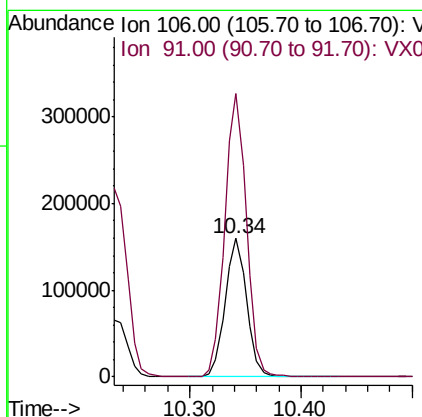
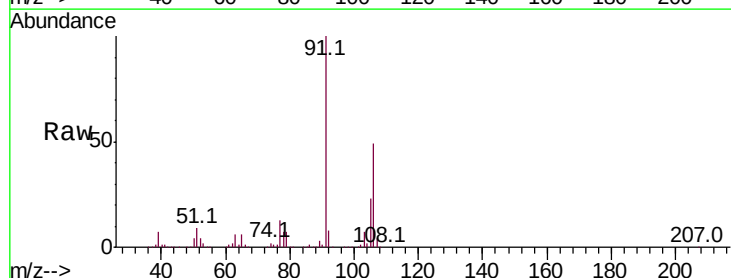
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

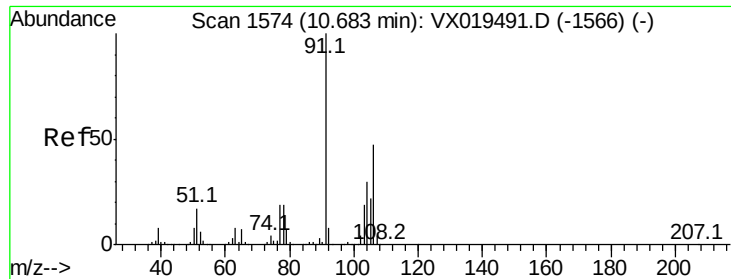
Tot Ion: 91 Resp: 288120
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 38.288 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 106 Resp: 212878
Ion Ratio Lower Upper
106 100
91 206.0 163.3 244.9

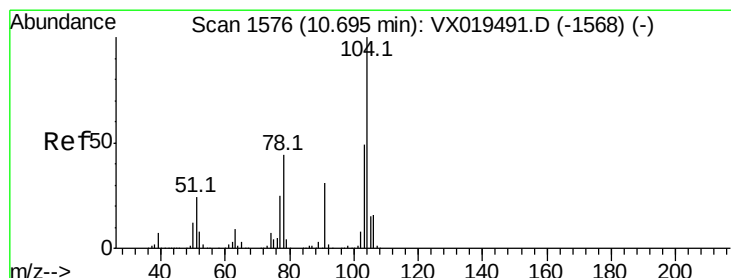
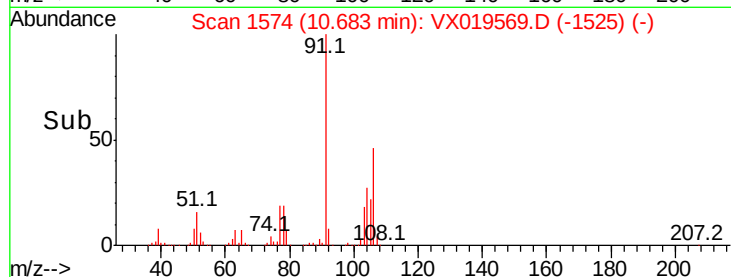
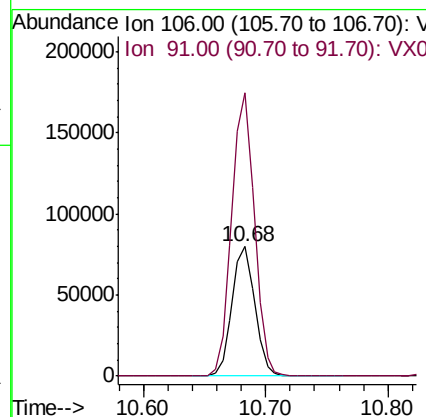
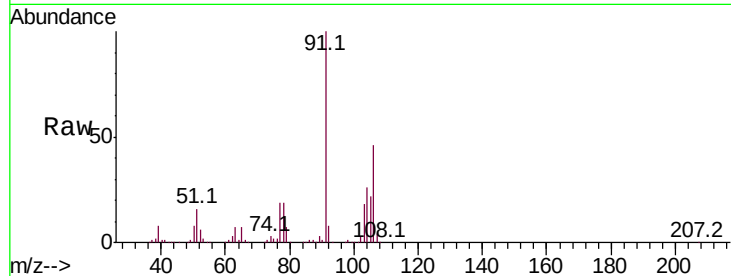




#69
o-Xylene
Concen: 19.512 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

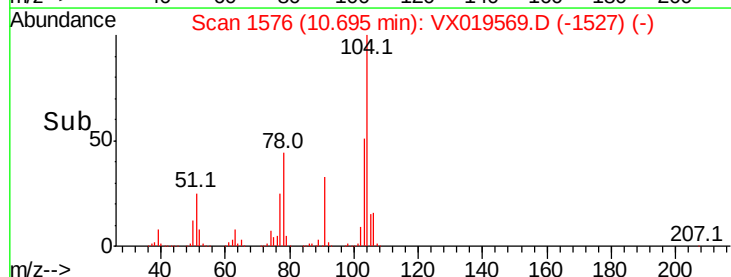
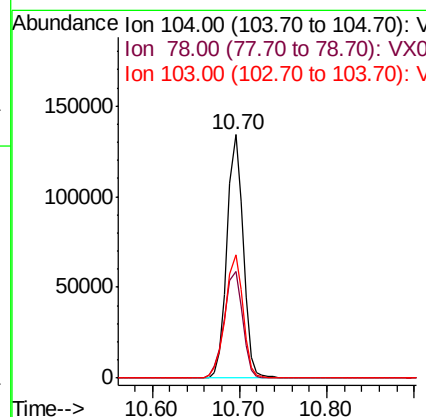
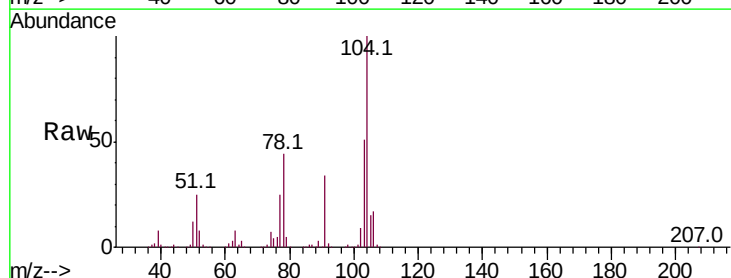
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

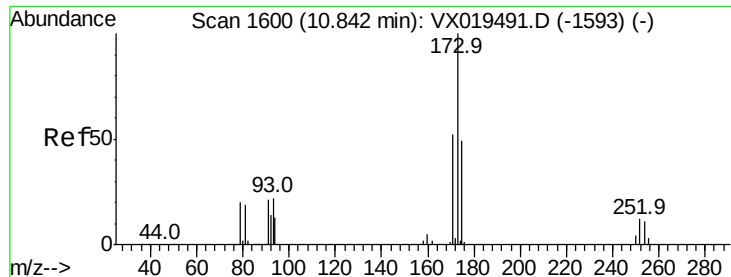
Tot Ion:106 Resp: 103705
Ion Ratio Lower Upper
106 100
91 216.9 108.0 324.0



#70
Styrene
Concen: 18.489 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion:104 Resp: 171352
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 55.3 43.6 65.4





#71

Bromoform

Concen: 18.899 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

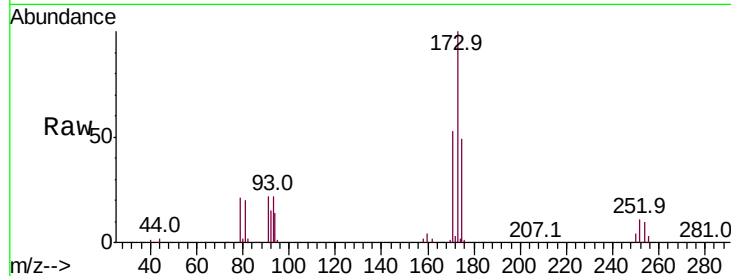
Tot Ion:173 Resp: 43268

Ion Ratio Lower Upper

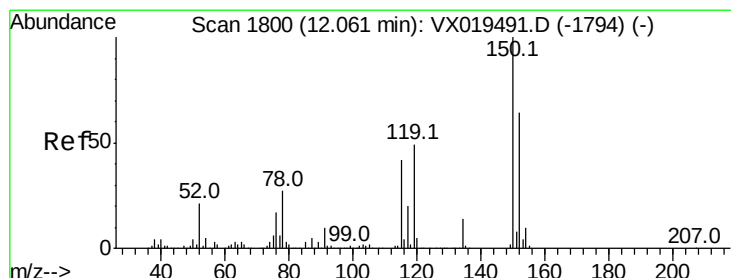
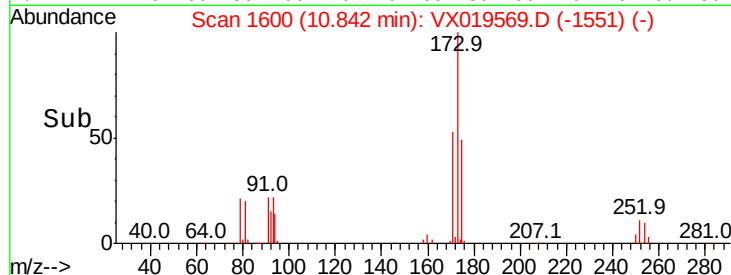
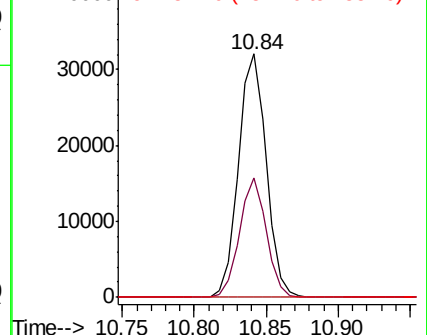
173 100

175 47.3 24.9 74.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

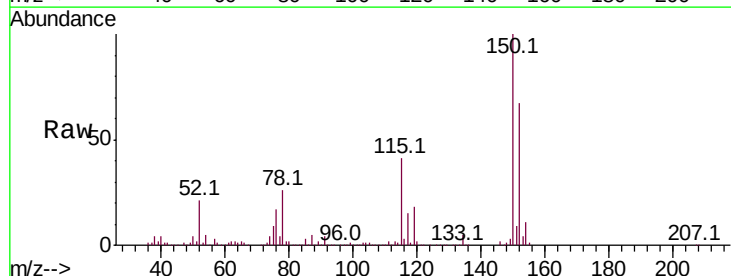
Tgt Ion:152 Resp: 197610

Ion Ratio Lower Upper

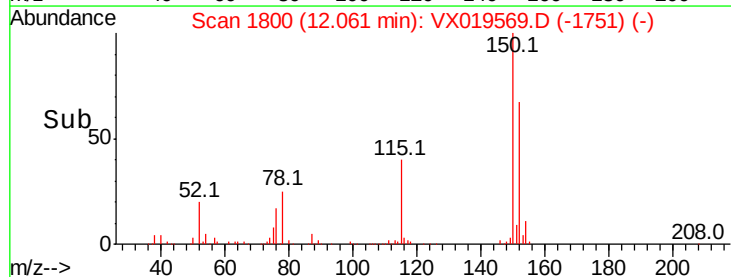
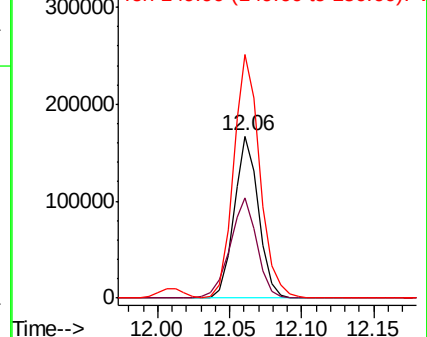
152 100

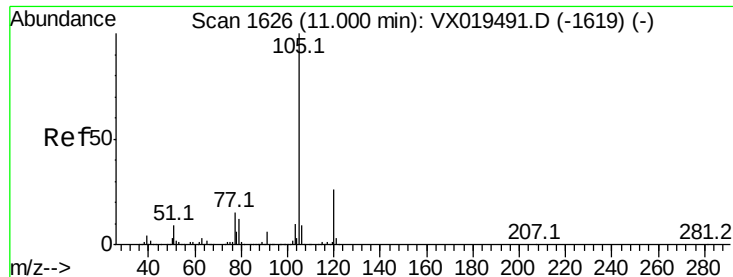
115 68.4 41.8 125.4

150 162.0 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: 20.198 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

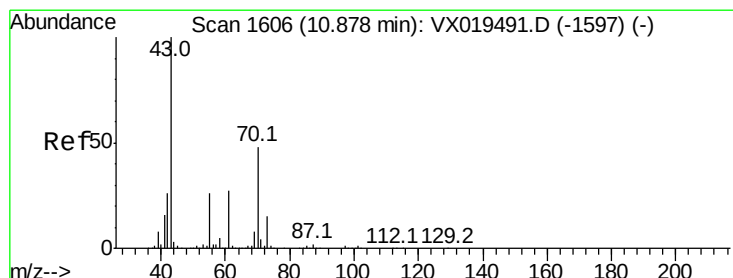
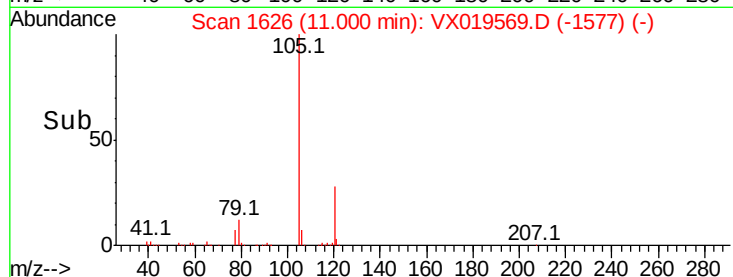
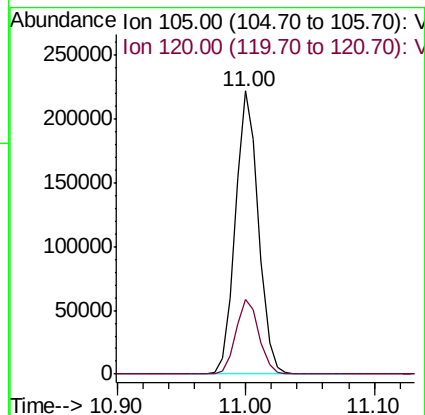
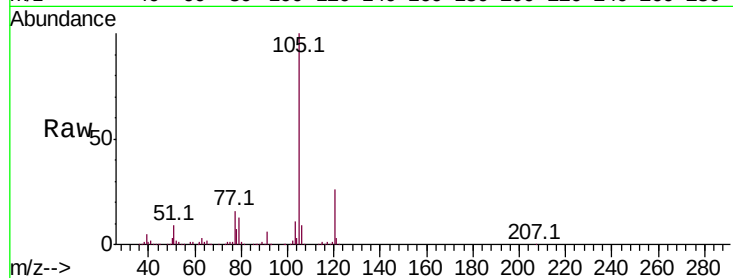
VX1123WBSD02

Tot Ion:105 Resp: 276107

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#74

N-ethyl acetate

Concen: 20.168 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Tgt Ion: 43 Resp: 103311

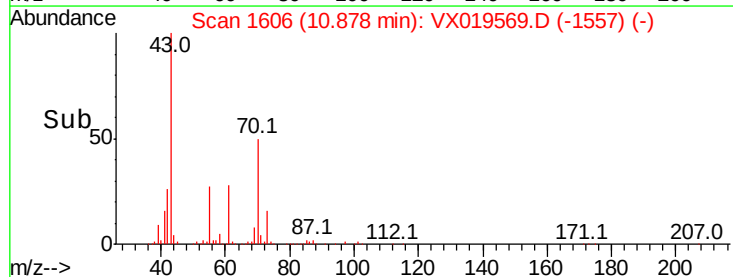
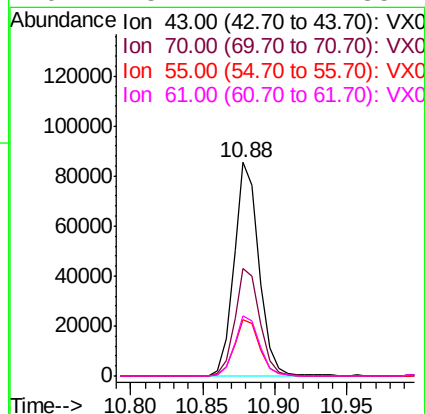
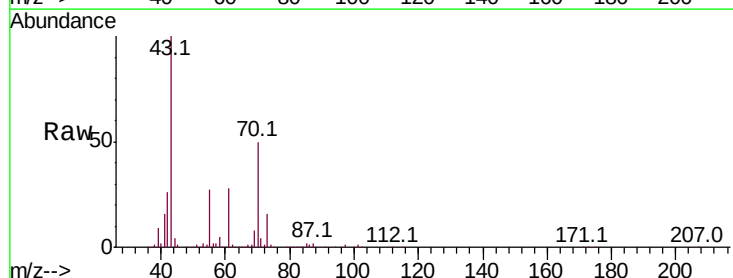
Ion Ratio Lower Upper

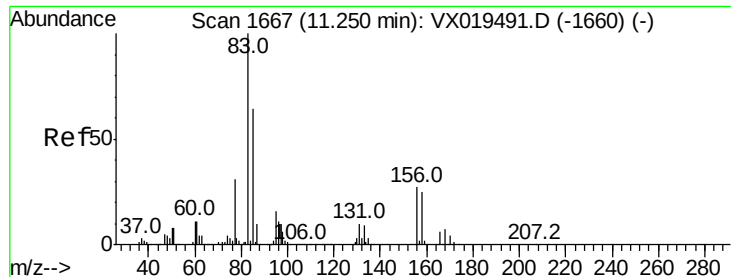
43 100

70 50.7 39.7 59.5

55 27.2 21.8 32.6

61 28.1 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.667 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

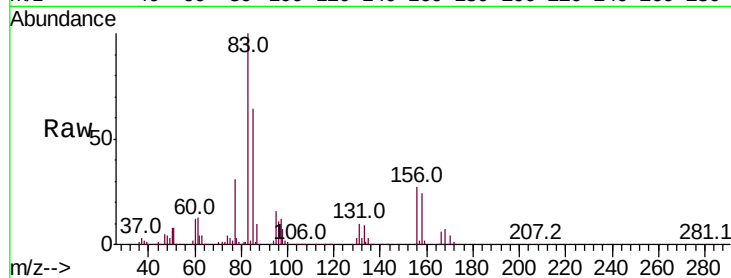
Tot Ion: 83 Resp: 96142

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

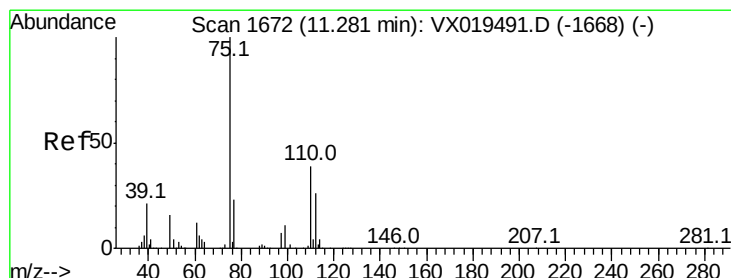
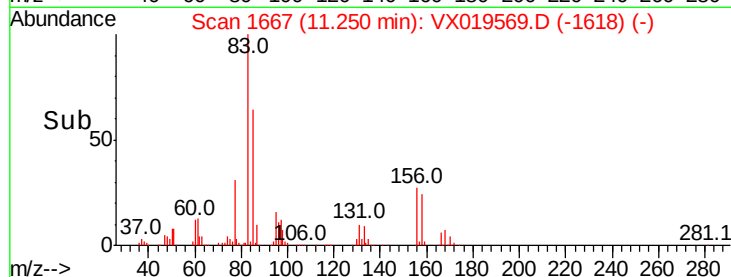
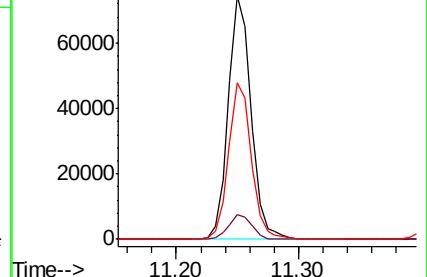
85 64.4 32.4 97.2



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: 24.014 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019569.D

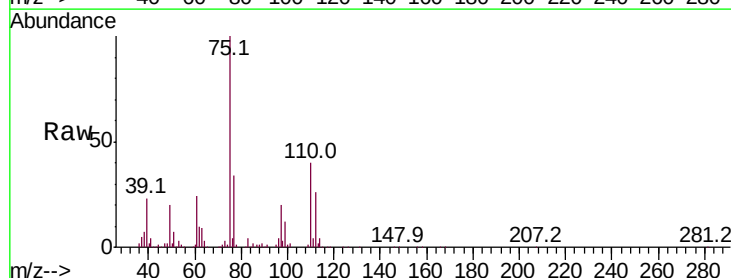
Acq: 23 Nov 2020 23:15

Tgt Ion: 75 Resp: 103560

Ion Ratio Lower Upper

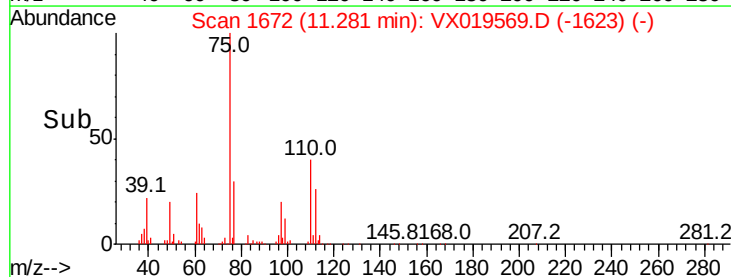
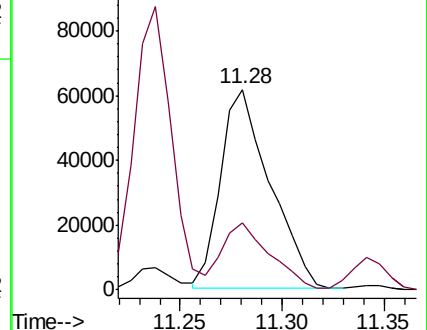
75 100

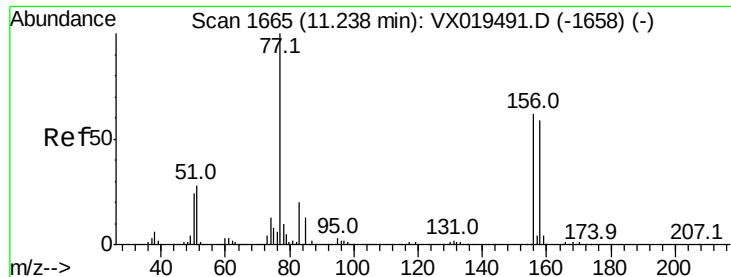
77 32.7 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.922 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

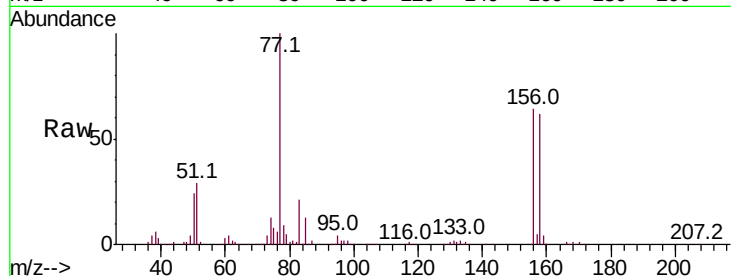
Tot Ion:156 Resp: 69524

Ion Ratio Lower Upper

156 100

77 161.9 82.5 247.3

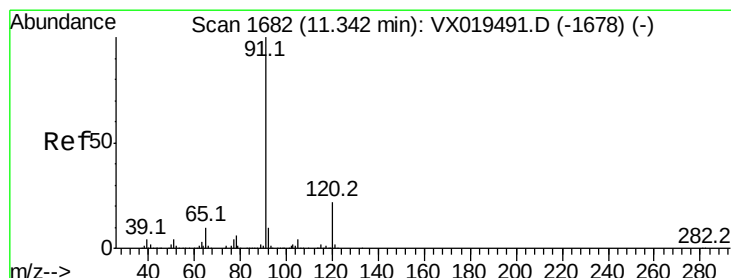
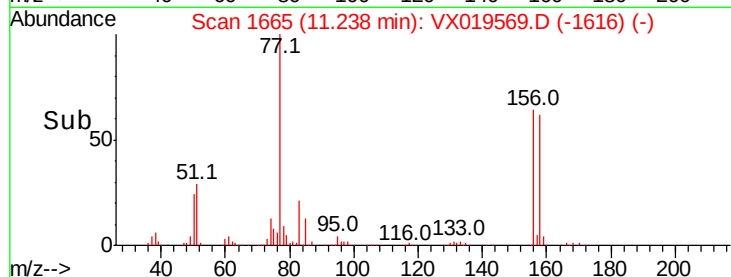
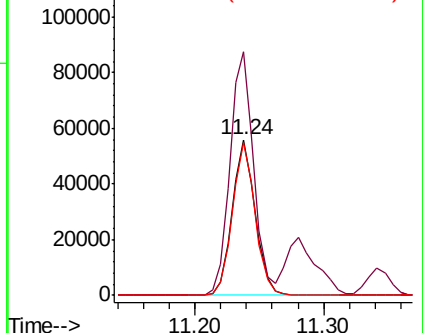
158 97.5 48.9 146.7



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: 19.285 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019569.D

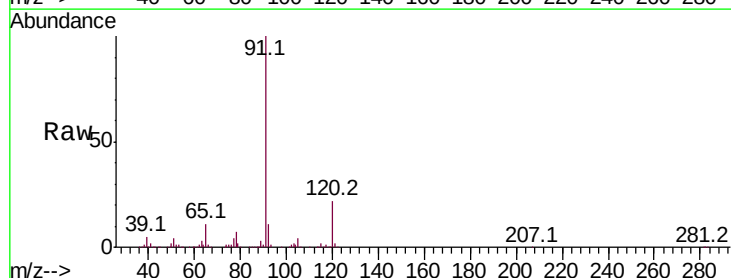
Acq: 23 Nov 2020 23:15

Tgt Ion: 91 Resp: 302432

Ion Ratio Lower Upper

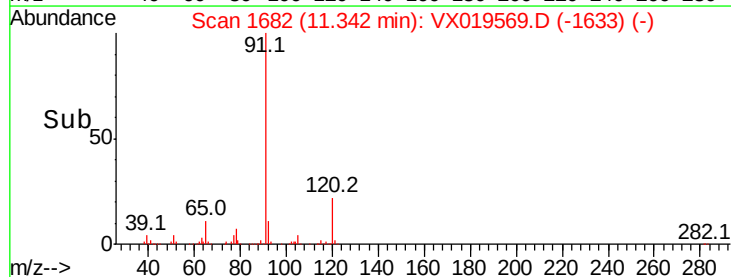
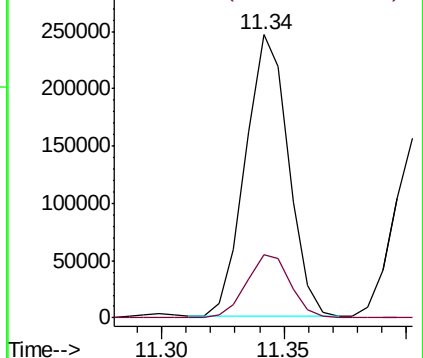
91 100

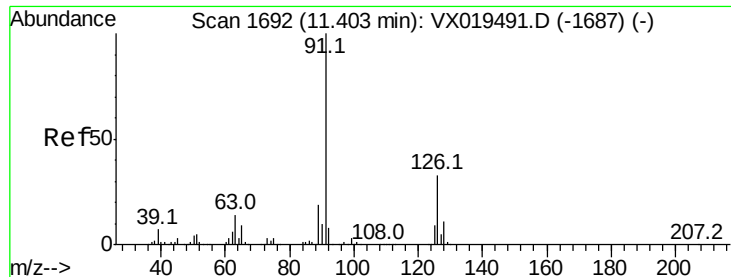
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

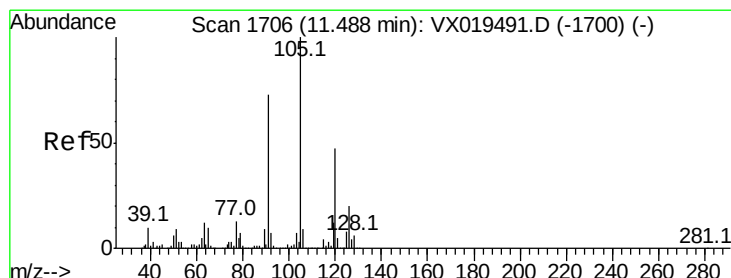
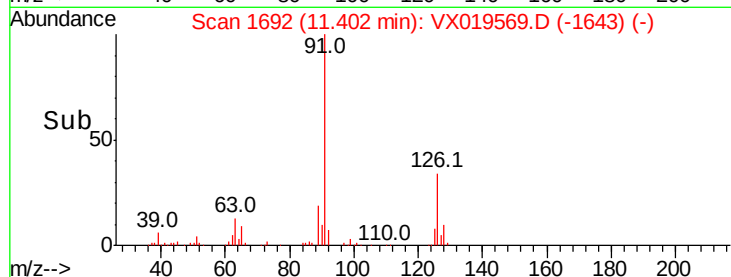
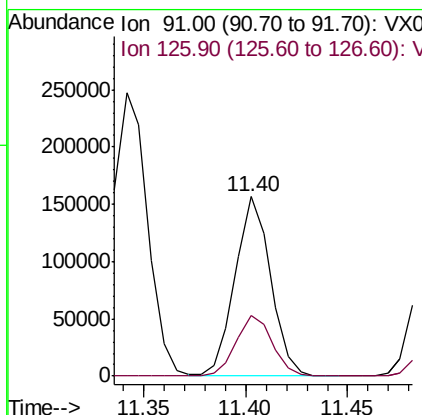
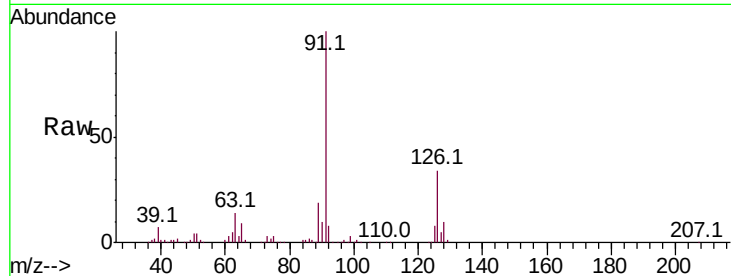




#79
 2-Chlorotoluene
 Concen: 19.829 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

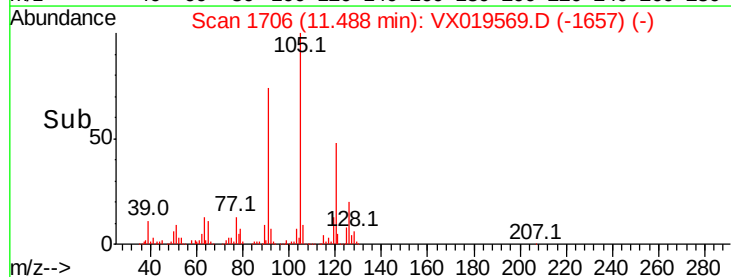
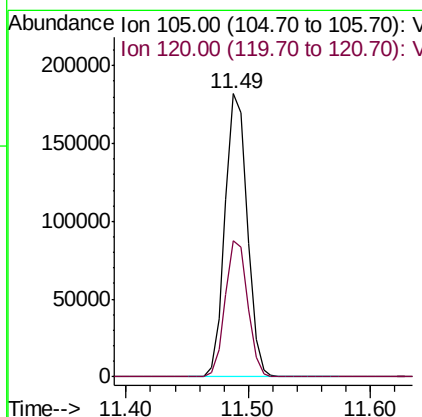
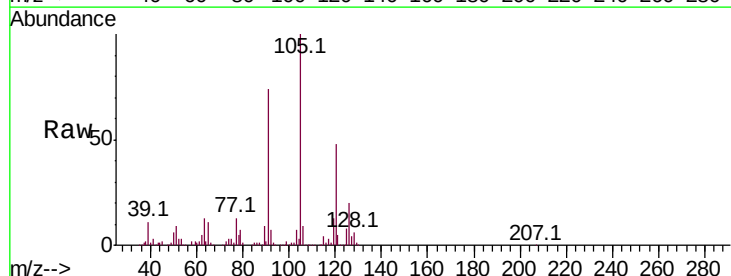
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

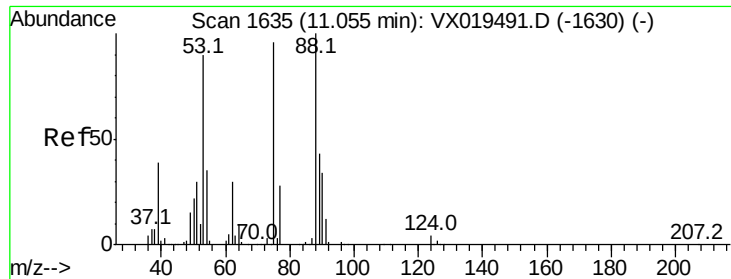
Tot Ion: 91 Resp: 188594
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.992 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion: 105 Resp: 229258
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.098 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

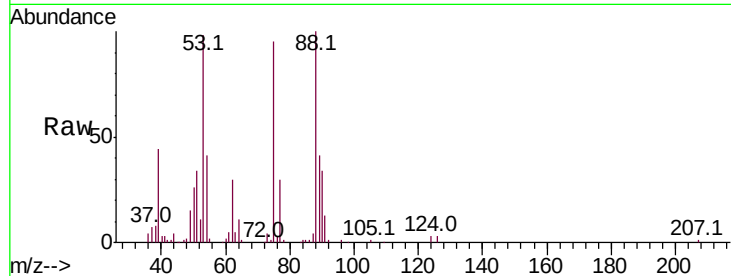
Tot Ion: 75 Resp: 25930

Ion Ratio Lower Upper

75 100

53 100.1 73.9 110.9

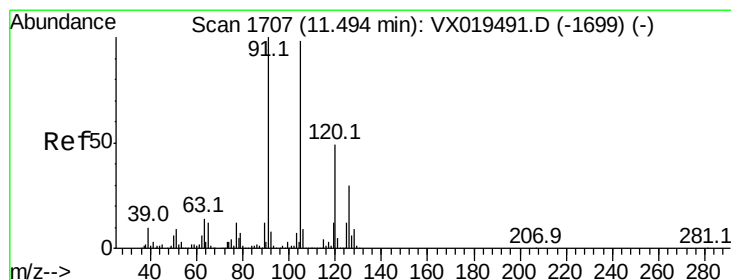
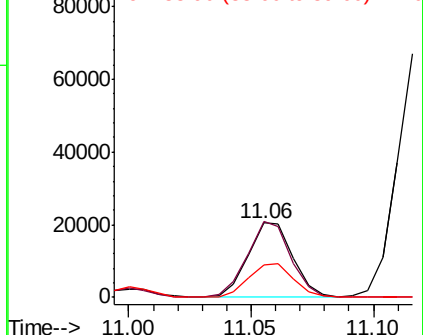
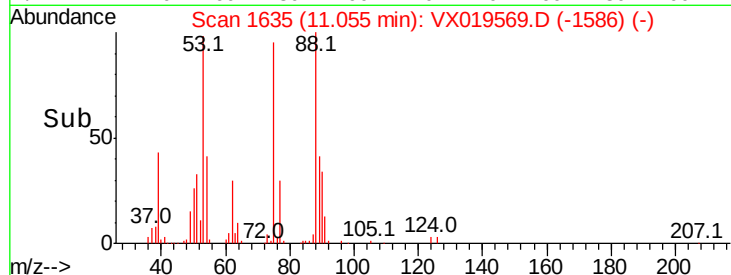
89 46.2 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.438 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019569.D

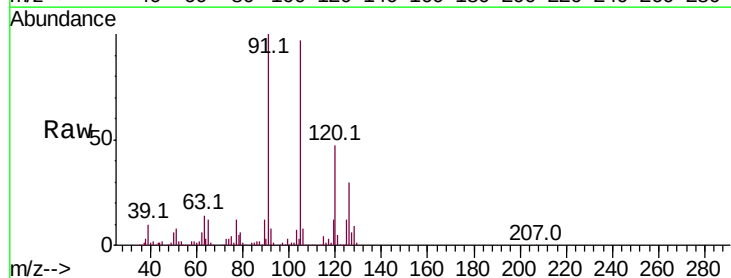
Acq: 23 Nov 2020 23:15

Tgt Ion: 91 Resp: 217633

Ion Ratio Lower Upper

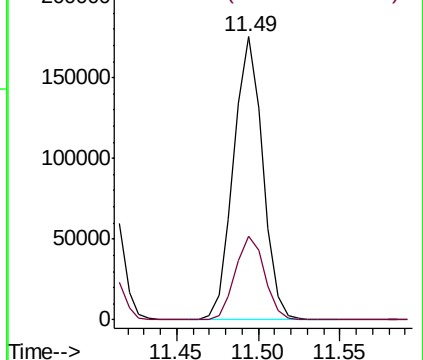
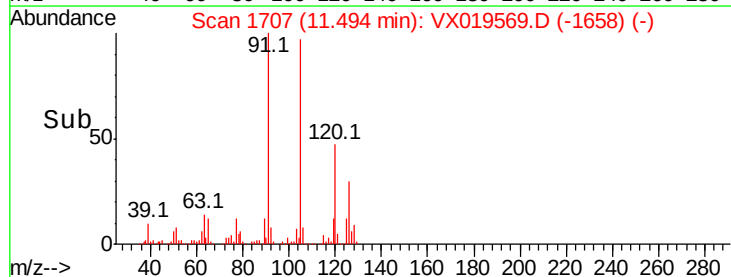
91 100

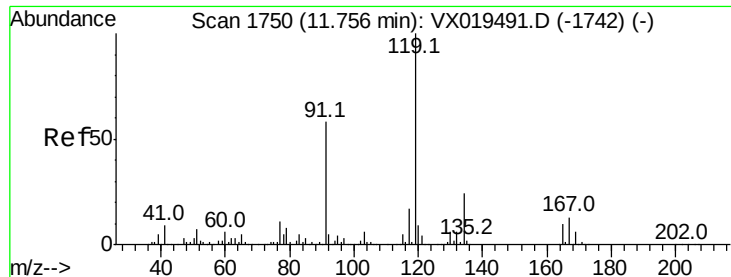
126 29.8 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

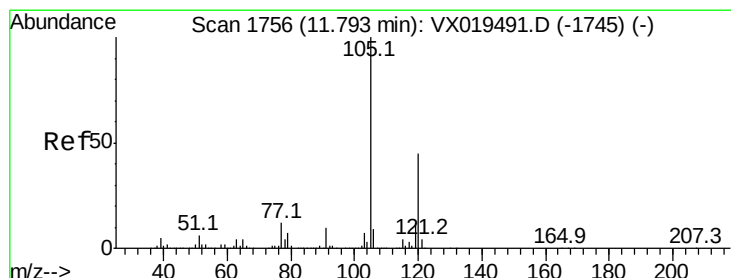
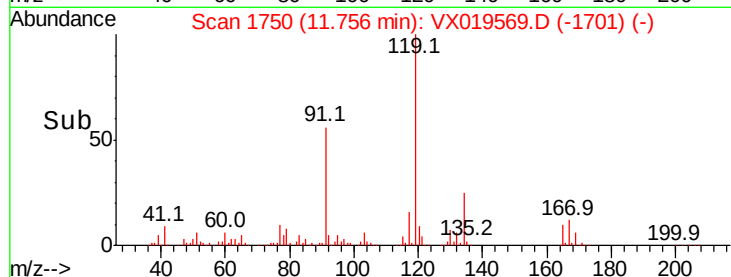
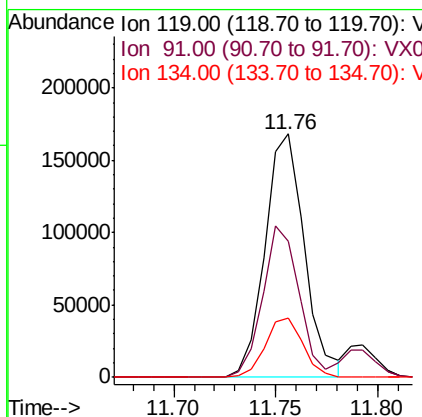
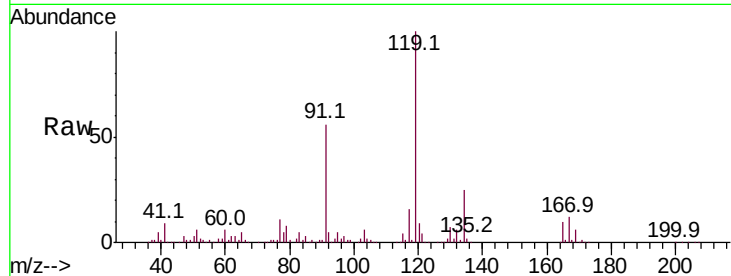




#83
tert-Butylbenzene
Concen: 20.442 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

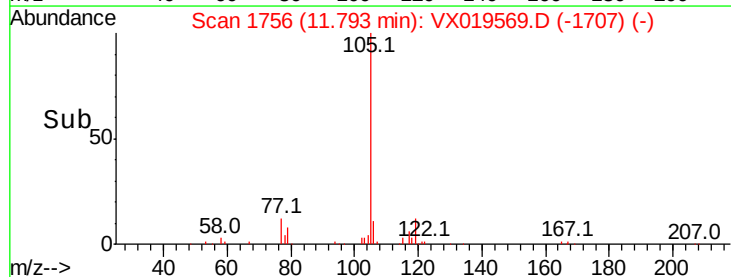
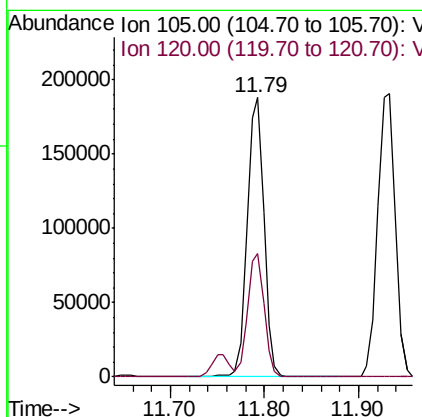
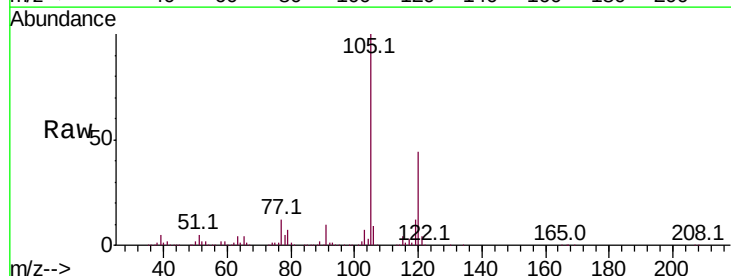
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

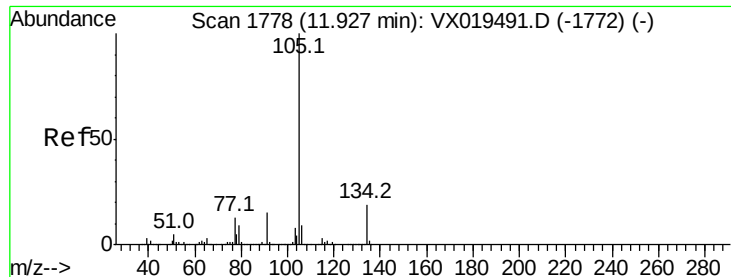
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	28.9	86.8
134	23.4	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 20.048 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.2	66.6





#85

sec-Butylbenzene

Concen: 18.731 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

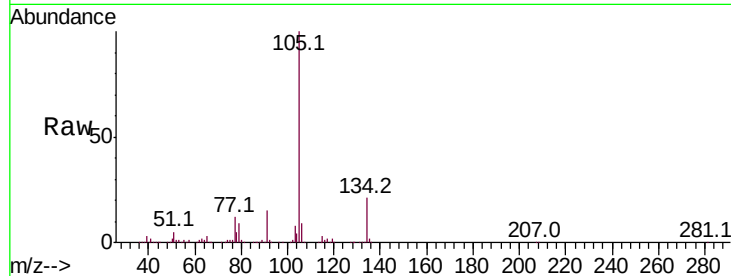
VX1123WBSD02

Tot Ion:105 Resp: 247221

Ion Ratio Lower Upper

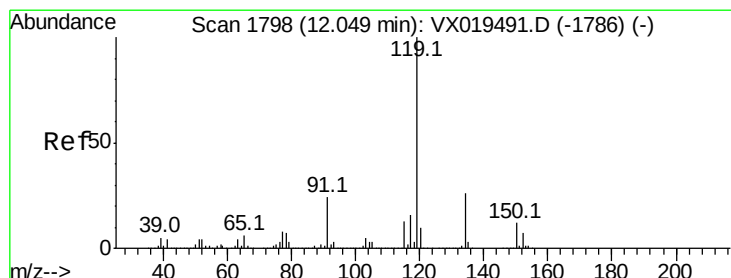
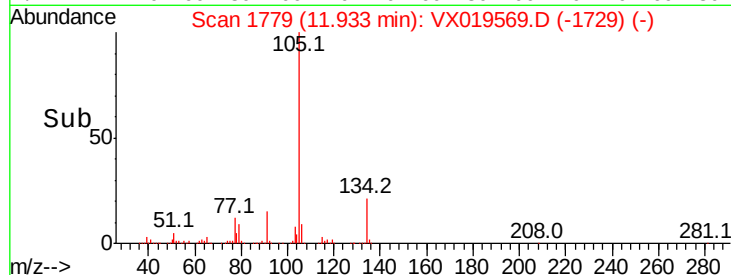
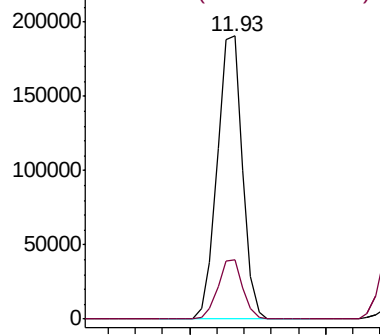
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.187 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

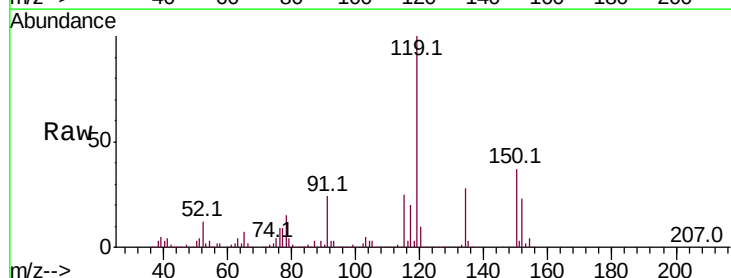
Tgt Ion:119 Resp: 229929

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

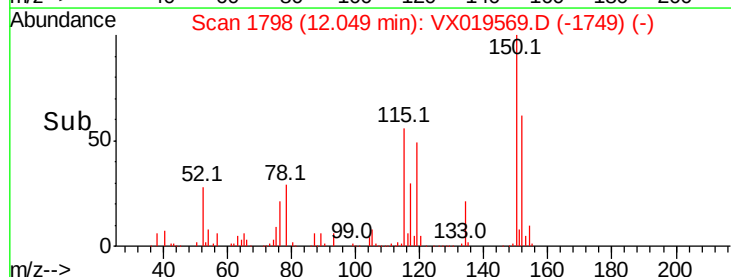
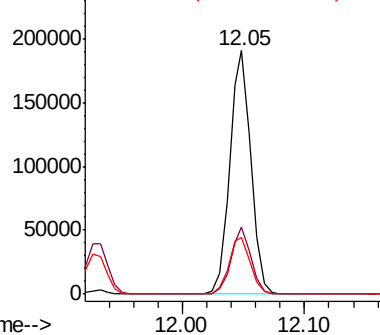
91 23.9 11.8 35.4

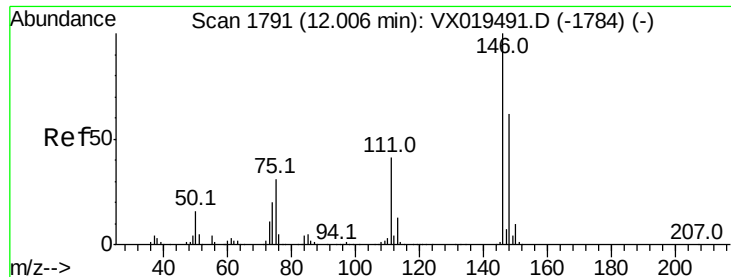


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.972 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

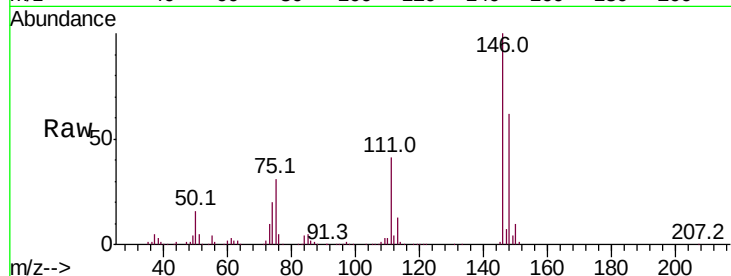
Tot Ion:146 Resp: 121593

Ion Ratio Lower Upper

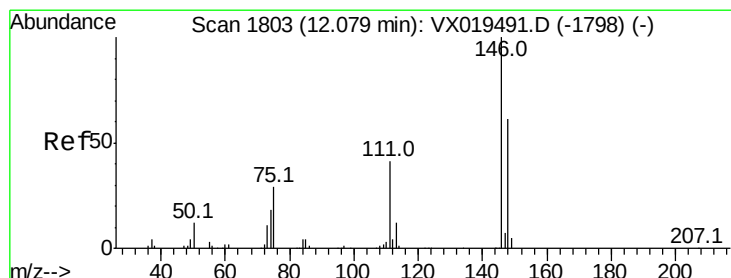
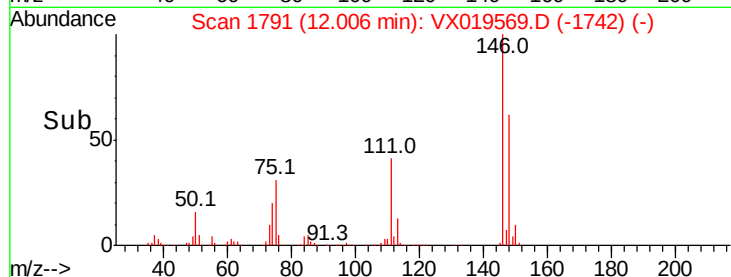
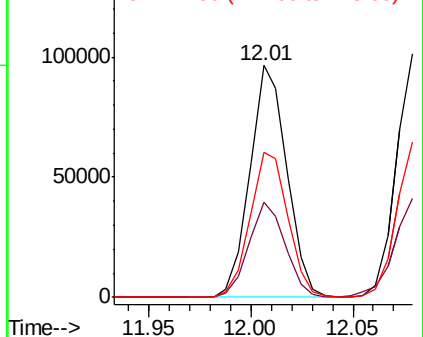
146 100

111 40.6 20.2 60.6

148 64.5 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: 18.705 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

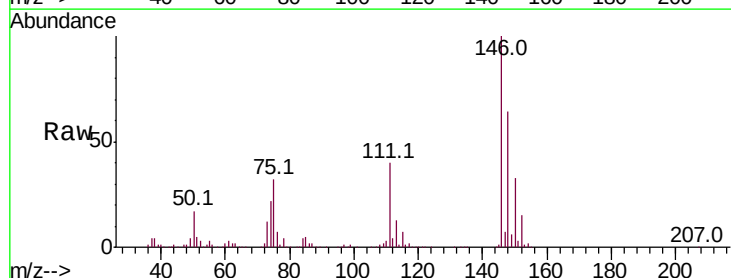
Tgt Ion:146 Resp: 123485

Ion Ratio Lower Upper

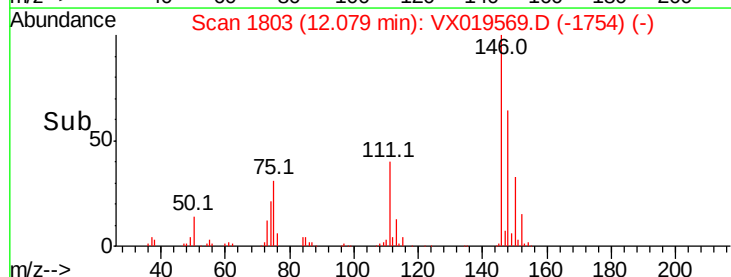
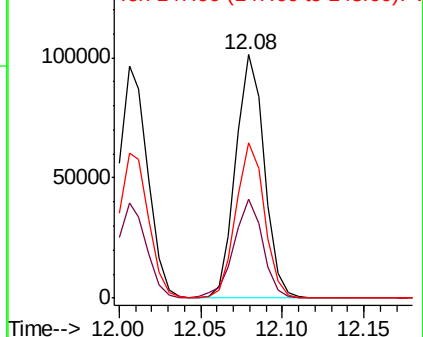
146 100

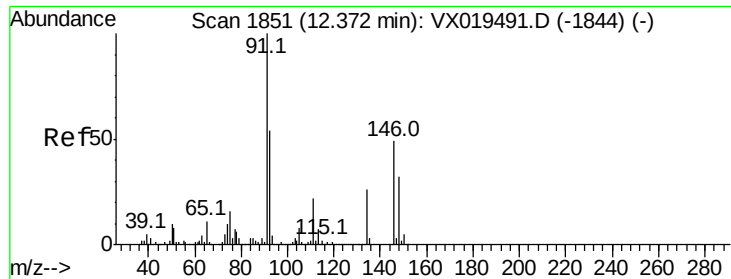
111 41.2 19.9 59.6

148 64.0 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

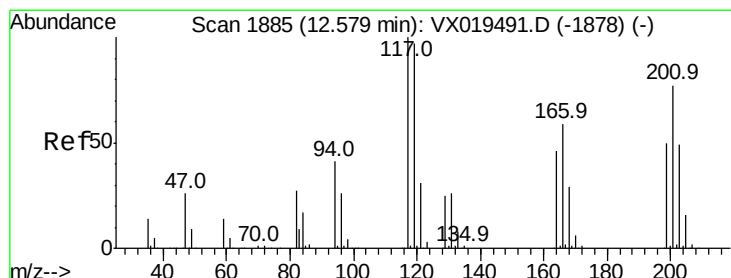
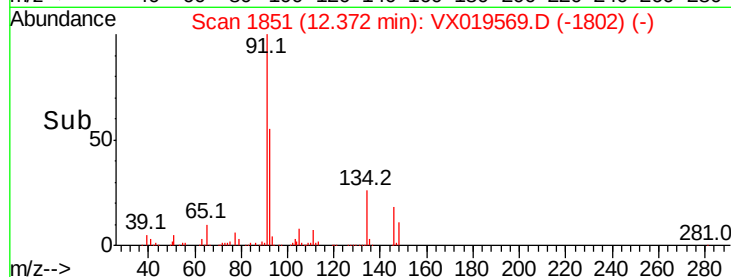
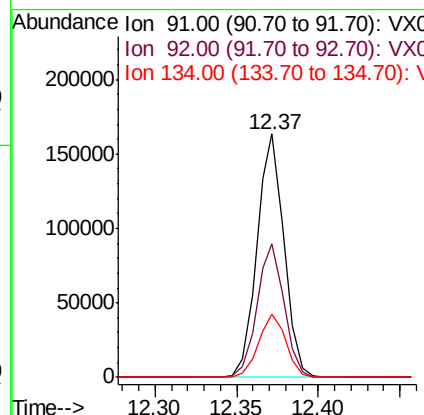
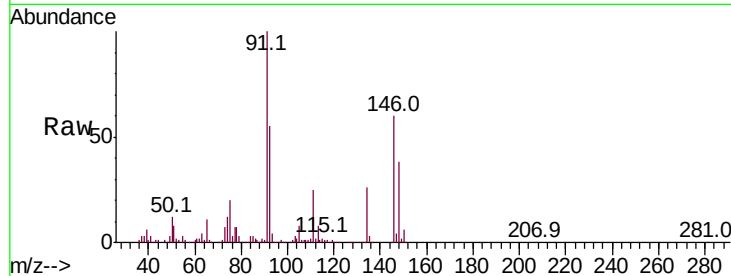




#89
n-Butylbenzene
Concen: 17.354 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

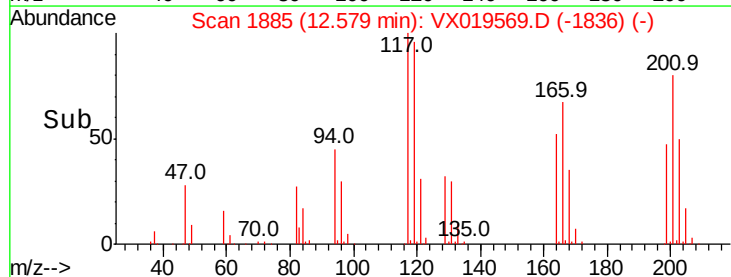
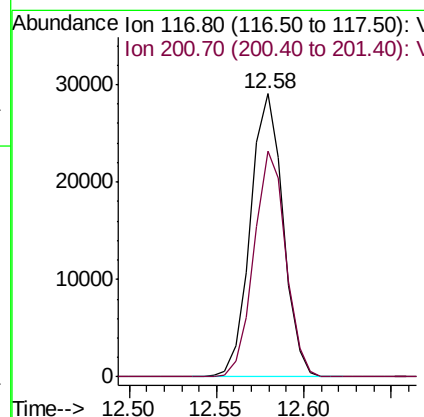
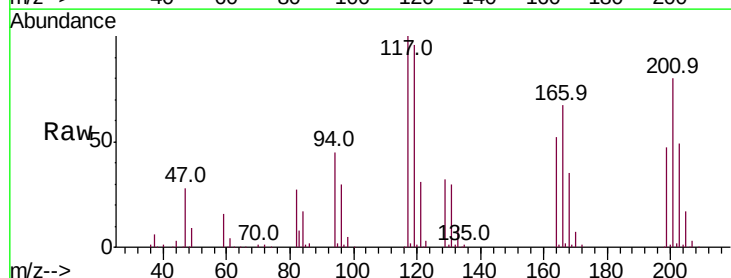
Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

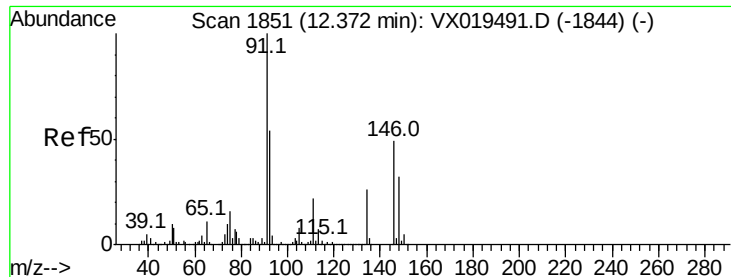
Tot Ion: 91 Resp: 188003
Ion Ratio Lower Upper
91 100
92 55.1 26.9 80.6
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 18.738 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion: 117 Resp: 37573
Ion Ratio Lower Upper
117 100
201 78.1 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.509 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBSD02

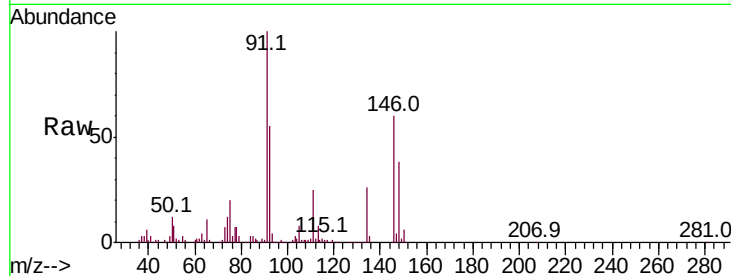
Tot Ion:146 Resp: 125581

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.3

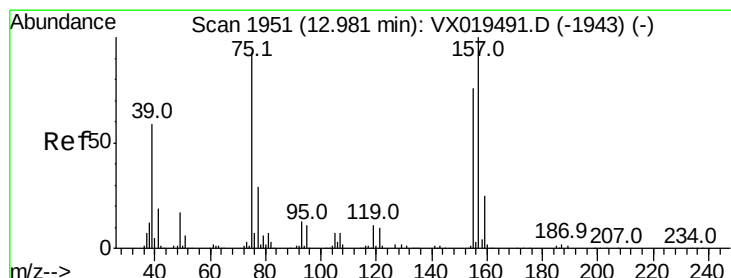
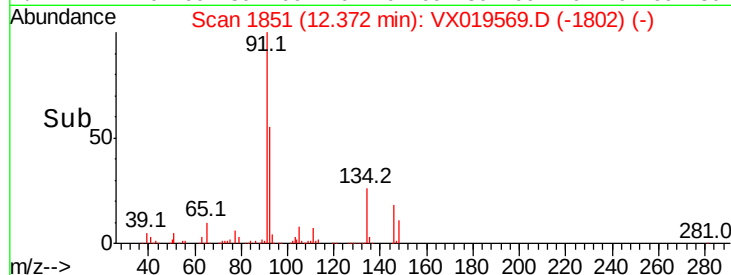
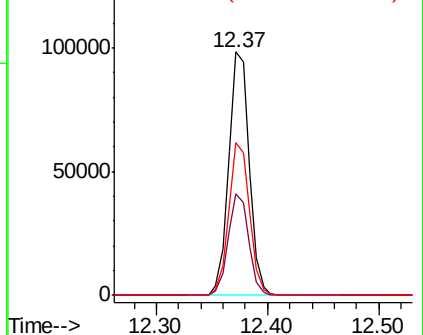
148 63.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.518 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019569.D

Acq: 23 Nov 2020 23:15

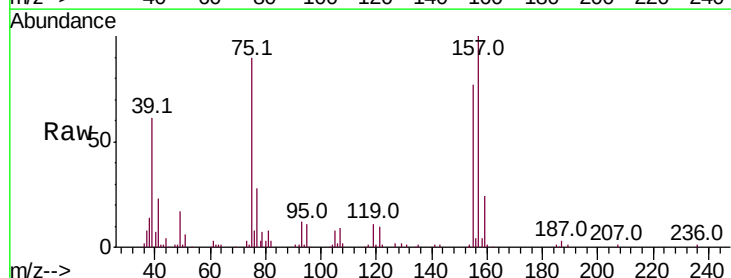
Tgt Ion: 75 Resp: 19466

Ion Ratio Lower Upper

75 100

155 87.2 43.6 130.9

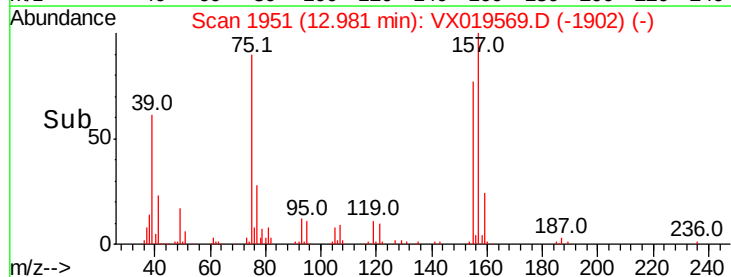
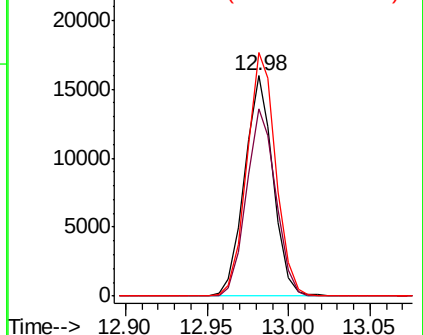
157 112.0 57.0 170.8

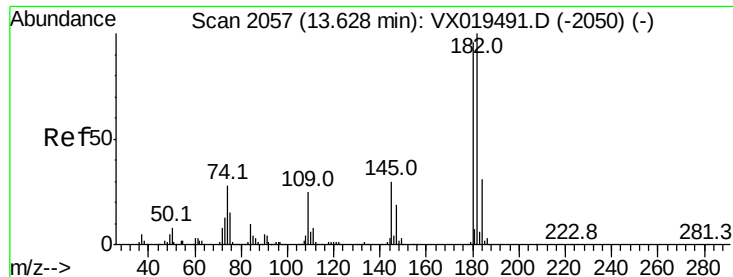


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

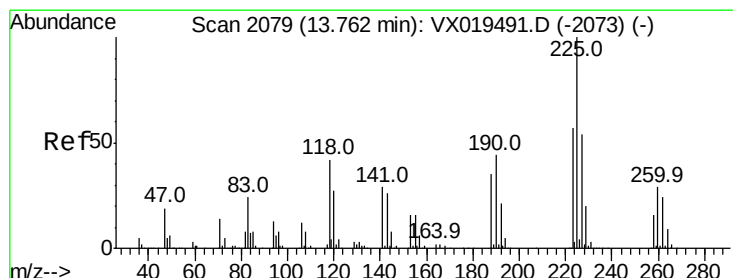
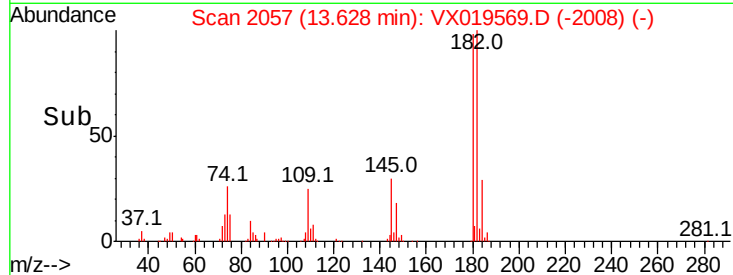
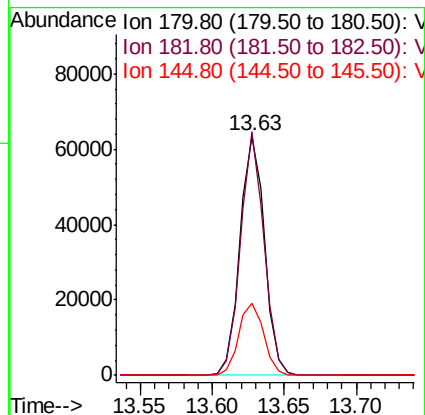
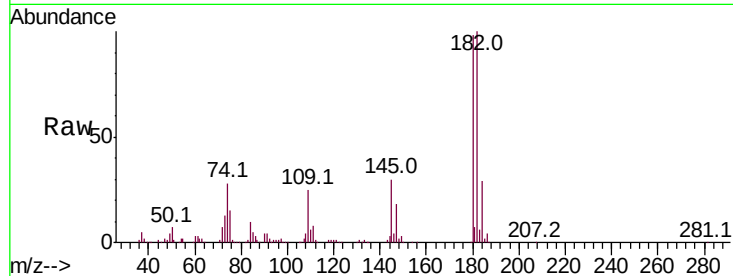




#93
 1,2,4-Trichlorobenzene
 Concen: 18.252 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

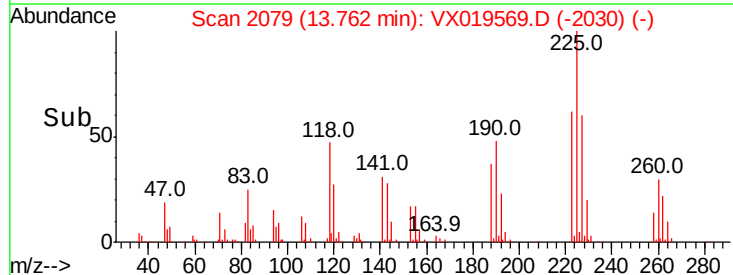
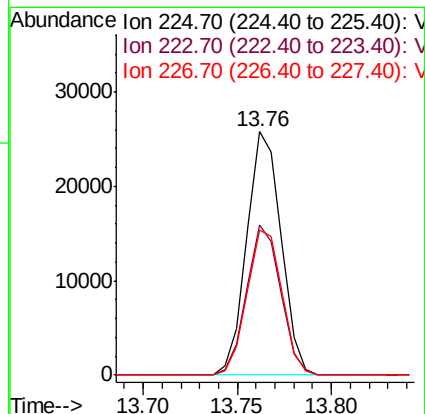
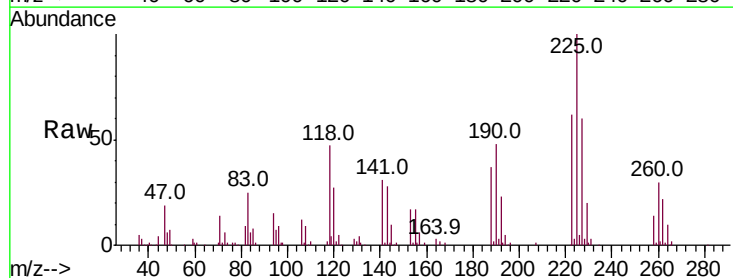
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBSD02

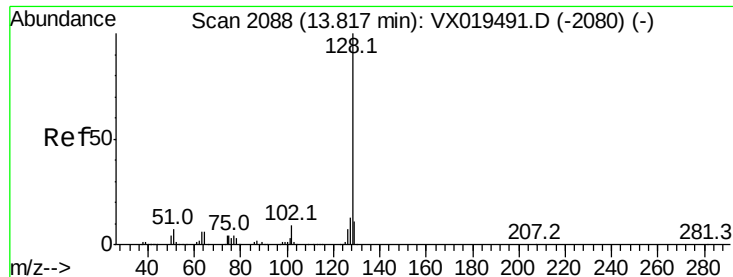
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.6	145.9
145	30.9	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 17.357 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019569.D
 Acq: 23 Nov 2020 23:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.5	97.5
227	60.6	32.8	98.3

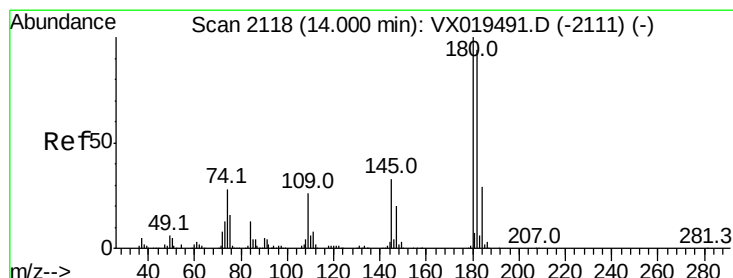
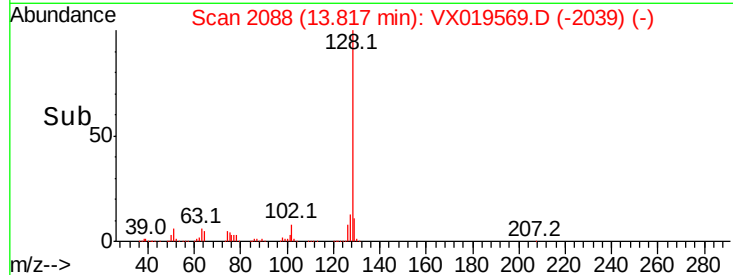
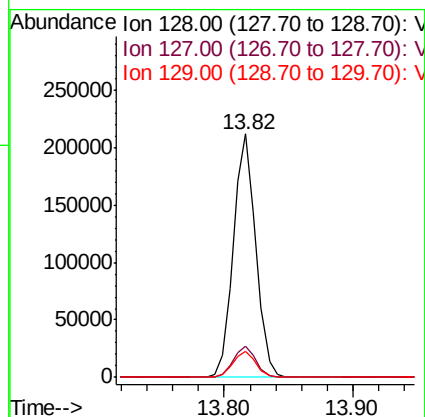
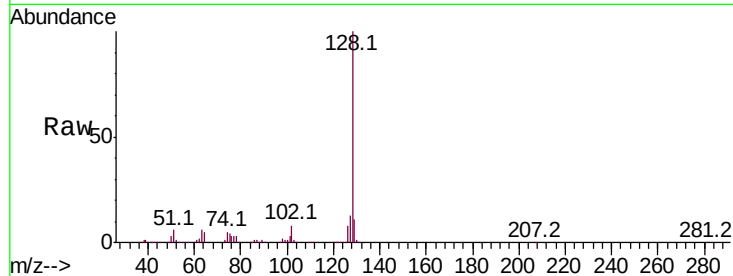




#95
Naphthalene
Concen: 19.161 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
VX1123WBSD02

Tot Ion:128 Resp: 258817
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.585 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019569.D
Acq: 23 Nov 2020 23:15

Tgt Ion:180 Resp: 76826
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.3
145 32.7 16.6 49.8

