

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018900.D
 Acq On : 12 Oct 2020 14:05
 Operator : JC/SP
 Sample : VX1012WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Quant Time: Oct 13 04:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	252702	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	368095	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	355190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201079	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	182335	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
35) Dibromofluoromethane	5.46	113	132298	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	
50) Toluene-d8	8.70	98	466167	51.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.12	95	173512	47.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	55970	19.743	ug/l	98
3) Chloromethane	1.31	50	51059	21.558	ug/l	96
4) Vinyl Chloride	1.39	62	53732	20.295	ug/l	95
5) Bromomethane	1.63	94	32819	22.257	ug/l	97
6) Chloroethane	1.72	64	34957	19.714	ug/l	98
7) Trichlorofluoromethane	1.92	101	93900	17.993	ug/l	99
8) Diethyl Ether	2.17	74	27518	19.562	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45392	18.111	ug/l	99
10) Methyl Iodide	2.49	142	34361	15.998	ug/l	96
11) Tert butyl alcohol	3.01	59	54039	92.058	ug/l	100
12) 1,1-Dichloroethene	2.36	96	44660	19.585	ug/l	98
13) Acrolein	2.27	56	41358	84.680	ug/l	99
14) Allyl chloride	2.70	41	80991	19.141	ug/l	95
15) Acrylonitrile	3.11	53	121398	97.512	ug/l	98
16) Acetone	2.42	43	135894	93.347	ug/l	98
17) Carbon Disulfide	2.55	76	128990	18.849	ug/l	98
18) Methyl Acetate	2.75	43	59985	19.361	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	141567	18.092	ug/l	99
20) Methylene Chloride	2.83	84	52235	19.955	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	48974	18.092	ug/l	98
22) Diisopropyl ether	3.82	45	154214	20.364	ug/l	93
23) Vinyl Acetate	3.78	43	710722	97.584	ug/l	99
24) 1,1-Dichloroethane	3.67	63	93109	18.287	ug/l	99
25) 2-Butanone	4.63	43	190924	94.576	ug/l	94
26) 2,2-Dichloropropane	4.55	77	84679	17.237	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	54063	17.985	ug/l	99
28) Bromochloromethane	4.98	49	44828	20.850	ug/l	88
29) Tetrahydrofuran	5.09	42	106991	98.782	ug/l	95
30) Chloroform	5.18	83	100168	17.856	ug/l	92
31) Cyclohexane	5.54	56	66284	19.041	ug/l	91
32) 1,1,1-Trichloroethane	5.45	97	93802	17.596	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69066	17.846	ug/l	98
37) Ethyl Acetate	4.79	43	75915	20.312	ug/l	100
38) Carbon Tetrachloride	5.75	117	84980	17.716	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	62344	17.475	ug/l	94
40) Benzene	6.11	78	195232	18.777	ug/l	98
41) Methacrylonitrile	4.99	41	39187	18.074	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86240	17.691	ug/l	98
43) Isopropyl Acetate	6.41	43	112661	18.139	ug/l	99
44) Trichloroethene	7.18	130	53420	17.132	ug/l	92
45) 1,2-Dichloropropane	7.49	63	52867	19.216	ug/l	97
46) Dibromomethane	7.63	93	36074	17.743	ug/l	94
47) Bromodichloromethane	7.87	83	77946	17.691	ug/l	97
48) Methyl methacrylate	7.74	41	53182	16.875	ug/l	98
49) 1,4-Dioxane	7.71	88	17095	386.843	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	350609	96.715	ug/l	99
52) Toluene	8.76	92	123561	18.518	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	80596	17.667	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85618	18.244	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	50937	17.772	ug/l	98
56) Ethyl methacrylate	9.16	69	66197	17.828	ug/l	97
57) 1,3-Dichloropropane	9.35	76	88719	19.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	198546	95.746	ug/l	98
59) 2-Hexanone	9.47	43	261104	94.535	ug/l	98
60) Dibromochloromethane	9.56	129	62361	17.333	ug/l	99
61) 1,2-Dibromoethane	9.65	107	55197	17.959	ug/l	99
64) Tetrachloroethene	9.32	164	51996	19.321	ug/l	97
65) Chlorobenzene	10.12	112	133837	17.436	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	56825	17.945	ug/l	97
67) Ethyl Benzene	10.23	91	226282	17.475	ug/l	99
68) m/p-Xylenes	10.34	106	177808	36.142	ug/l	100
69) o-Xylene	10.68	106	79397	17.129	ug/l	97
70) Styrene	10.70	104	144577	18.424	ug/l	98
71) Bromoform	10.84	173	47966	17.512	ug/l #	98
73) Isopropylbenzene	11.00	105	216994	16.497	ug/l	98
74) N-amyl acetate	10.88	43	90670	17.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	71249	16.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	87405	20.174	ug/l	85
77) Bromobenzene	11.24	156	63610	17.605	ug/l	95
78) n-propylbenzene	11.34	91	251306	16.767	ug/l	99
79) 2-Chlorotoluene	11.40	91	158694	16.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	196976	17.507	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	23501	15.372	ug/l	99
82) 4-Chlorotoluene	11.49	91	194669	17.523	ug/l	99
83) tert-Butylbenzene	11.76	119	183858	16.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	198455	17.351	ug/l	99
85) sec-Butylbenzene	11.93	105	215379	16.967	ug/l	100
86) p-Isopropyltoluene	12.05	119	209308	17.381	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	116259	17.520	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115890	17.241	ug/l	99
89) n-Butylbenzene	12.37	91	178826	17.091	ug/l	98
90) Hexachloroethane	12.58	117	36387	16.253	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	106188	16.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18115	16.156	ug/l	98

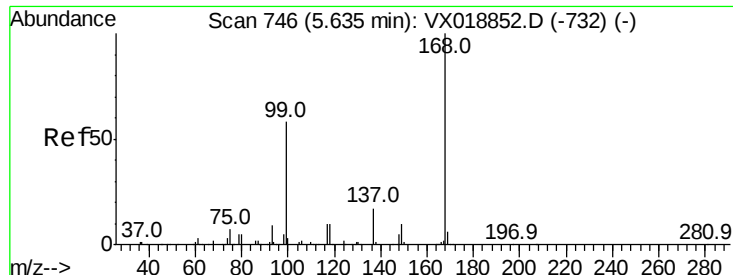
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70045	17.285	ug/l	99
94) Hexachlorobutadiene	13.77	225	33446	18.582	ug/l	92
95) Naphthalene	13.82	128	194868	16.594	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	68983	17.399	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

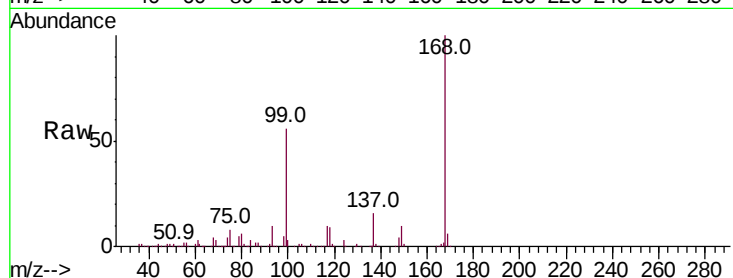
VX1012WBS01

Tot Ion:168 Resp: 252702

Ion Ratio Lower Upper

168 100

99 56.0 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

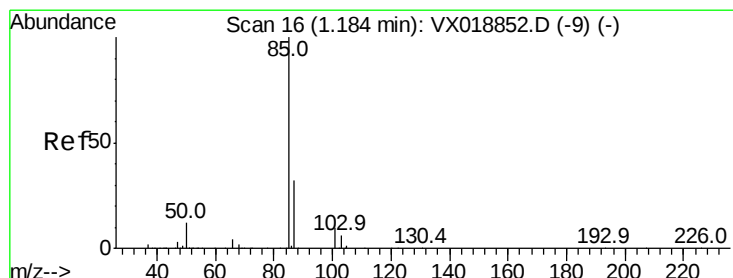
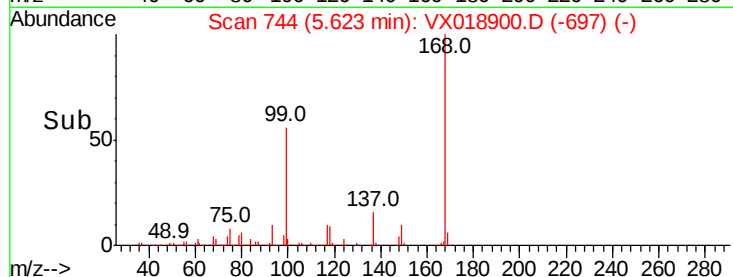
0

5.50

5.62

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.743 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018900.D

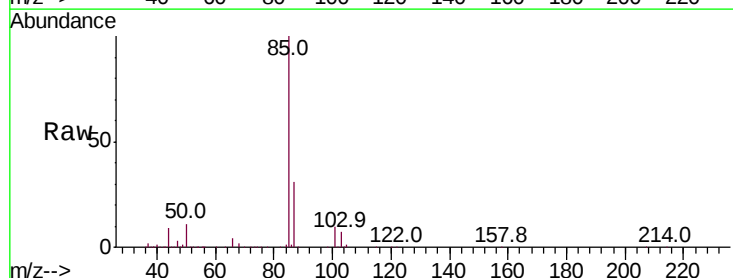
Acq: 12 Oct 2020 14:05

Tgt Ion: 85 Resp: 55970

Ion Ratio Lower Upper

85 100

87 30.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

0

1.10

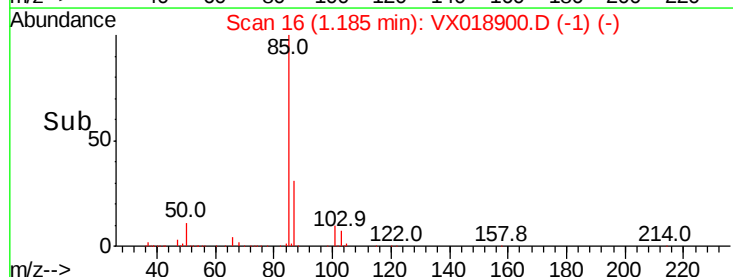
1.15

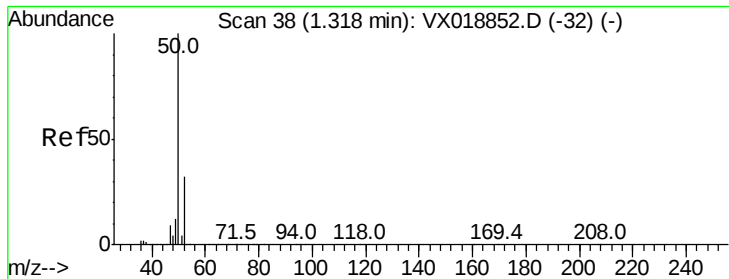
1.18

1.25

1.30

Time-->





#3

Chloromethane

Concen: 21.558 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

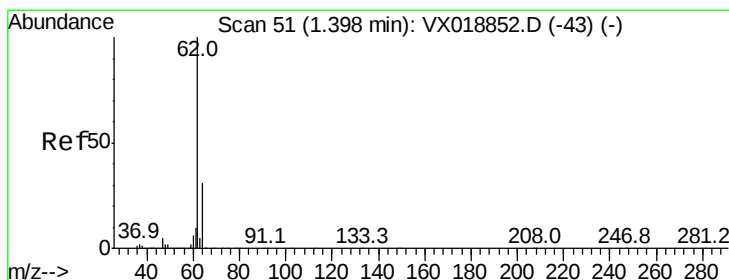
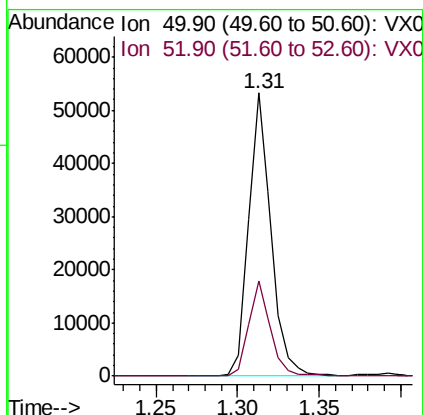
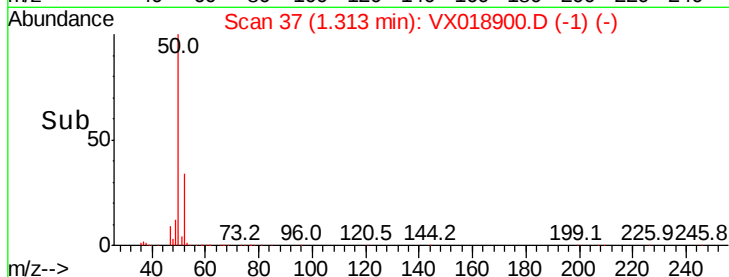
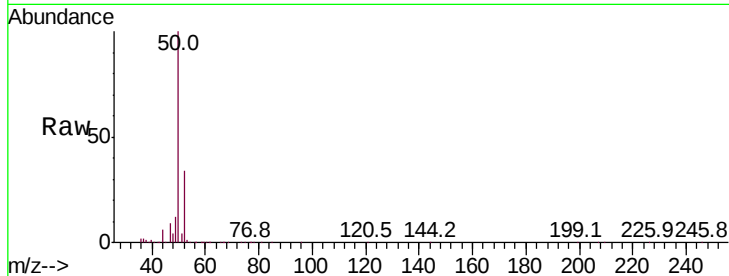
VX1012WBS01

Tot Ion: 50 Resp: 51059

Ion Ratio Lower Upper

50 100

52 33.7 25.2 37.8



#4

Vinyl Chloride

Concen: 20.295 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018900.D

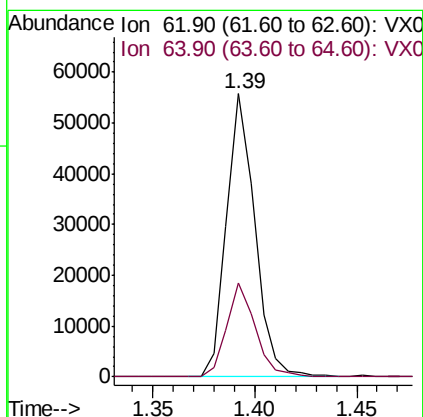
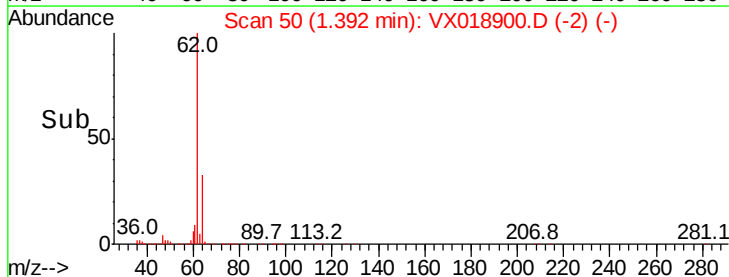
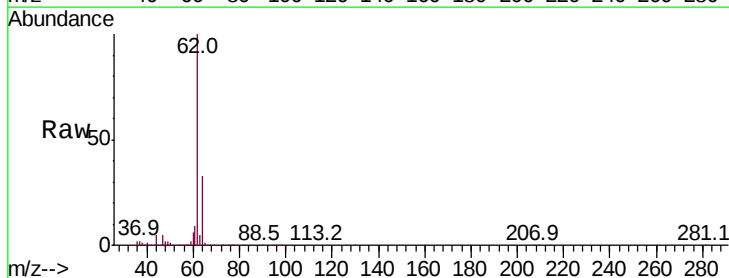
Acq: 12 Oct 2020 14:05

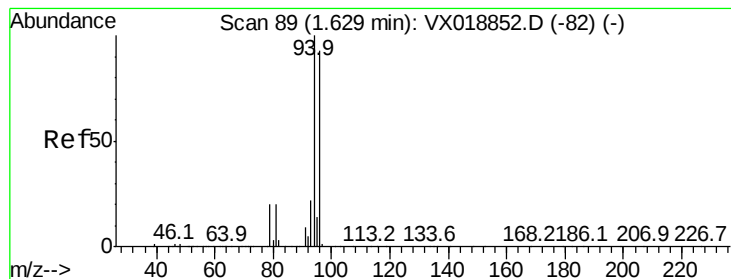
Tgt Ion: 62 Resp: 53732

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0





#5

Bromomethane

Concen: 22.257 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

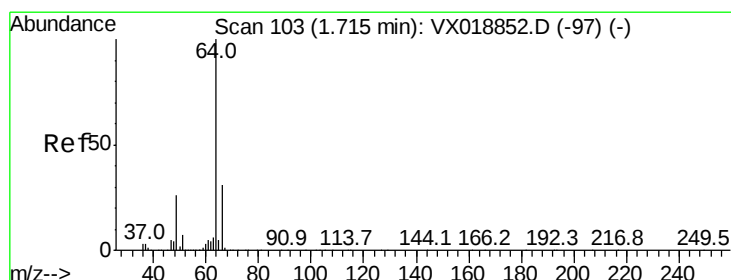
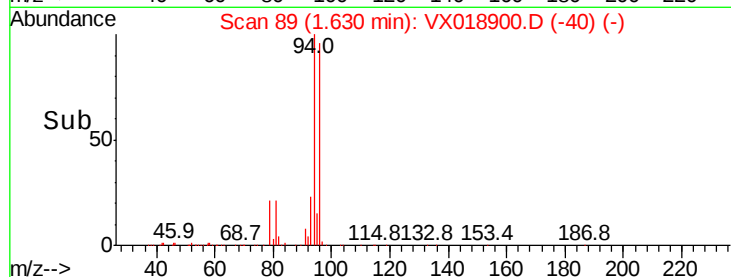
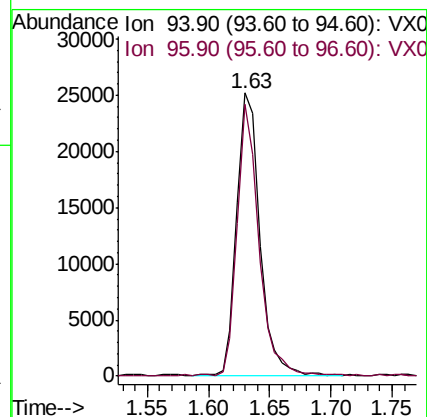
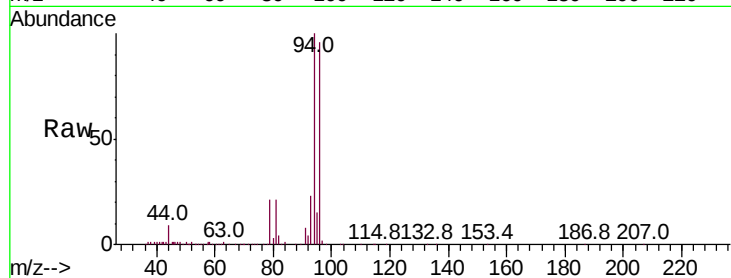
VX1012WBS01

Tot Ion: 94 Resp: 32819

Ion Ratio Lower Upper

94 100

96 95.8 74.5 111.7



#6

Chloroethane

Concen: 19.714 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018900.D

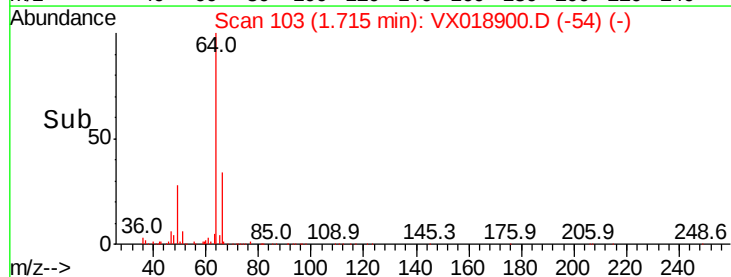
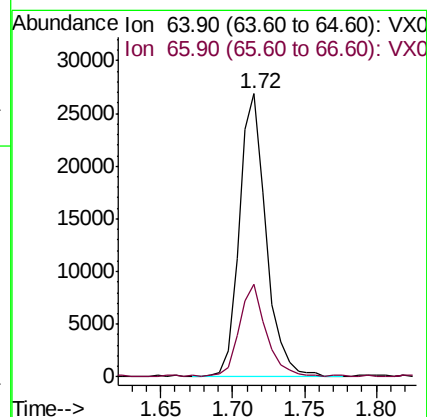
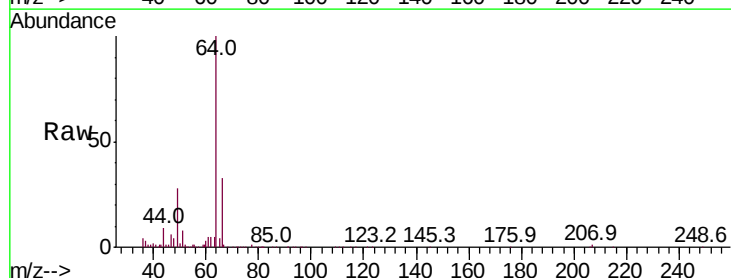
Acq: 12 Oct 2020 14:05

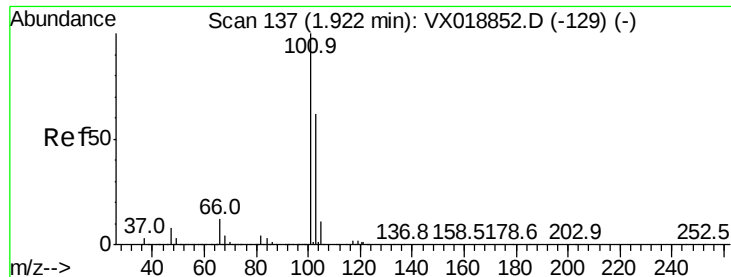
Tgt Ion: 64 Resp: 34957

Ion Ratio Lower Upper

64 100

66 32.2 24.7 37.1



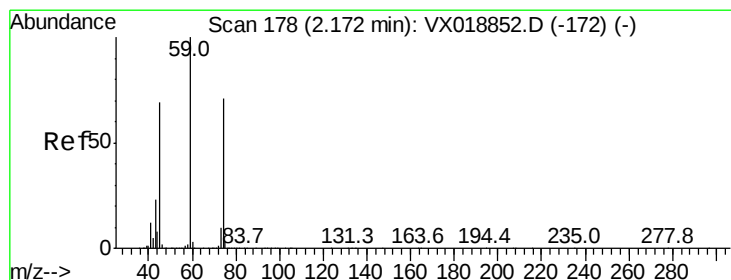
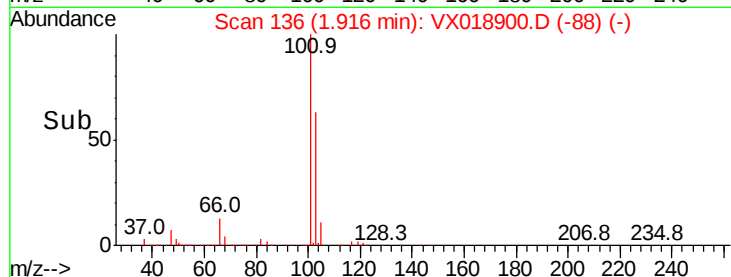
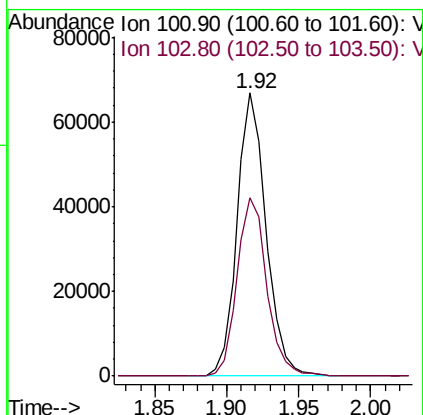
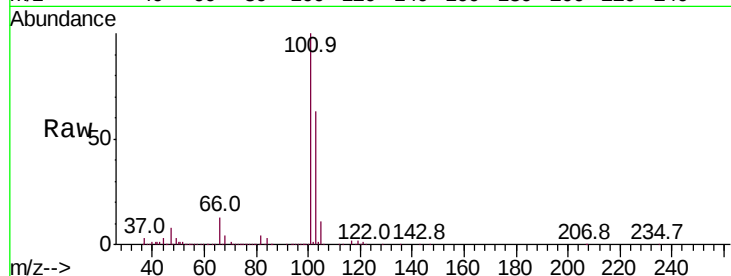


#7

Trichlorofluoromethane
Concen: 17.993 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

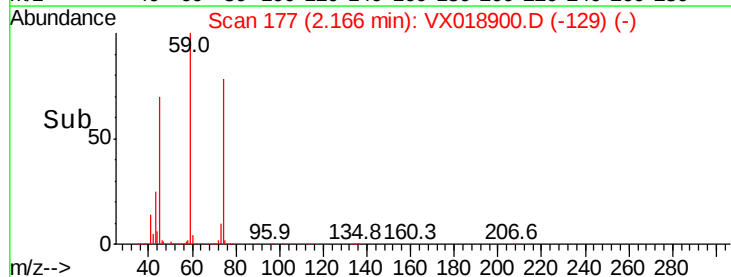
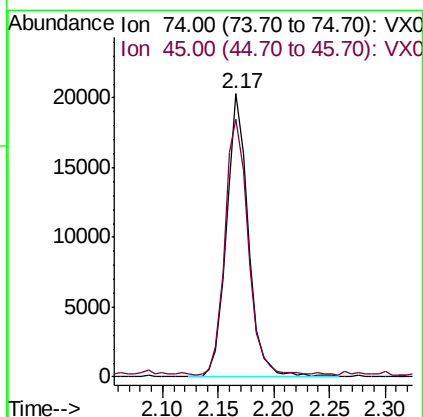
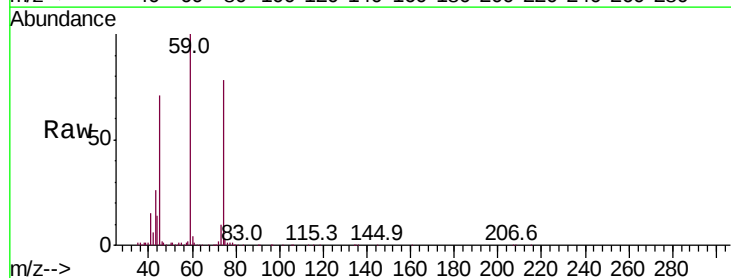
Tot Ion:101 Resp: 93900
Ion Ratio Lower Upper
101 100
103 63.0 50.0 75.0

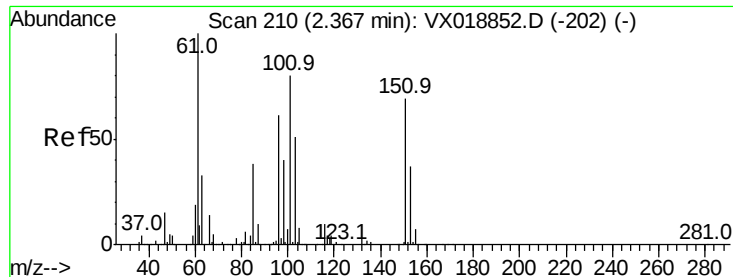


#8

Diethyl Ether
Concen: 19.562 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 74 Resp: 27518
Ion Ratio Lower Upper
74 100
45 95.5 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.111 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

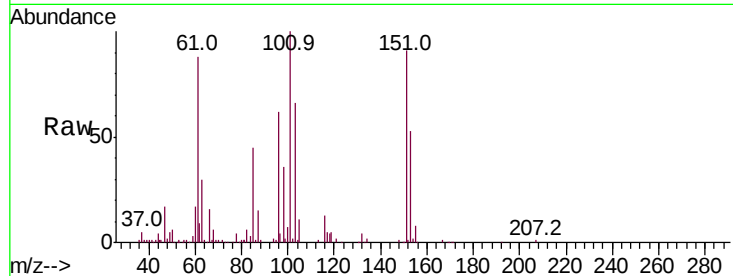
Tot Ion:101 Resp: 45392

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

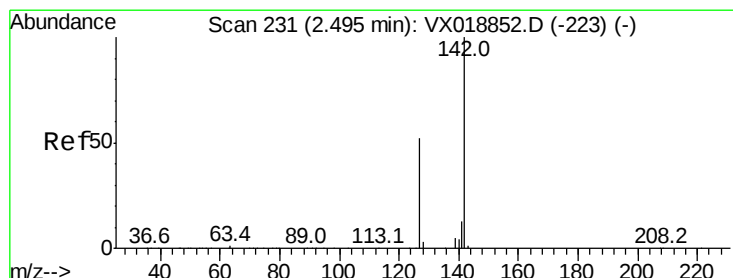
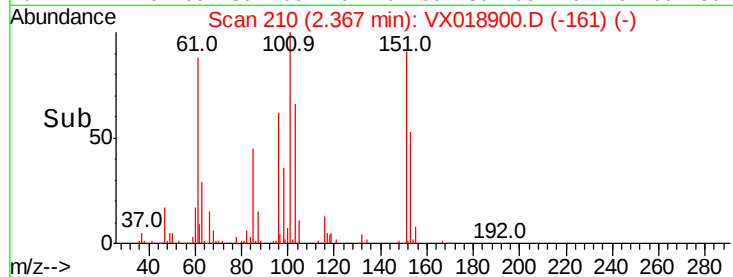
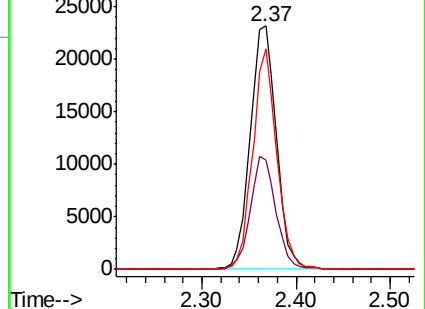
151 83.3 67.2 100.8



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: 15.998 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

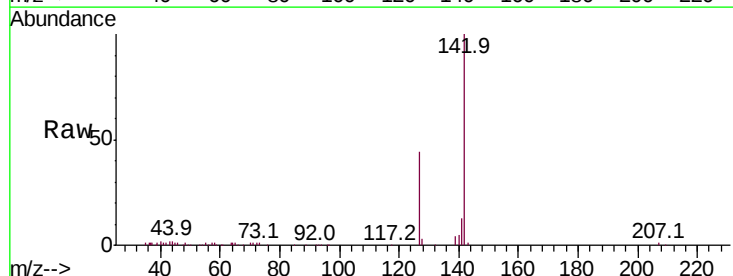
Tgt Ion:142 Resp: 34361

Ion Ratio Lower Upper

142 100

127 48.7 42.0 63.0

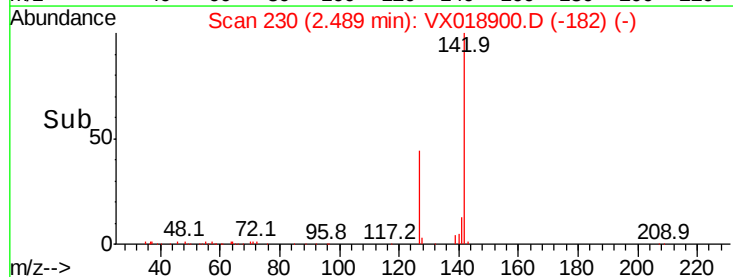
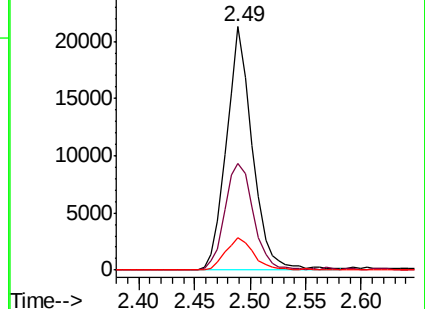
141 14.7 11.8 17.6

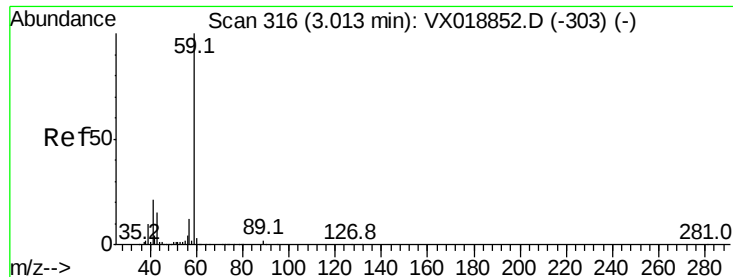


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

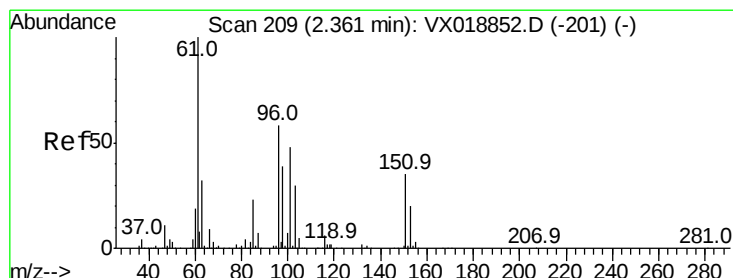
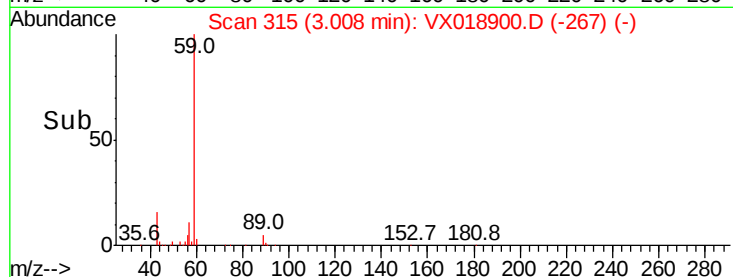
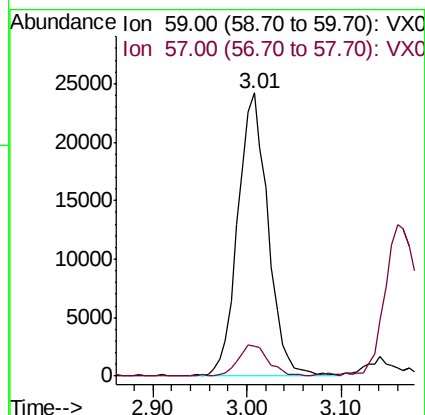
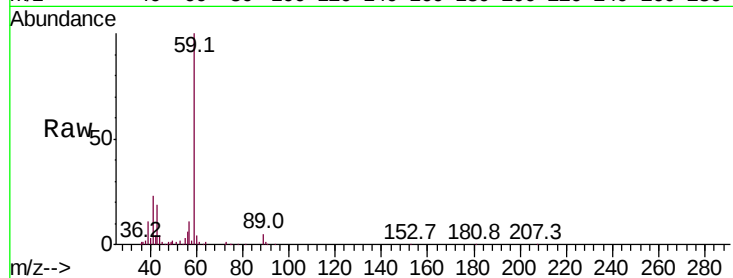




#11
Tert butyl alcohol
Concen: 92.058 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

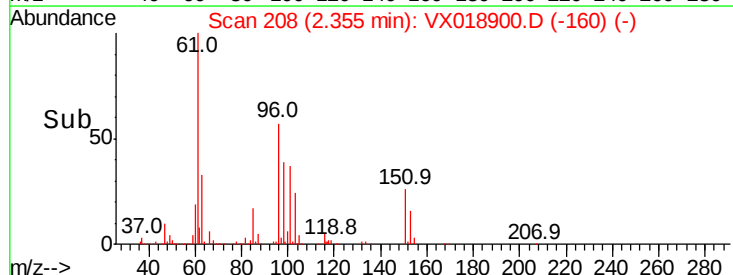
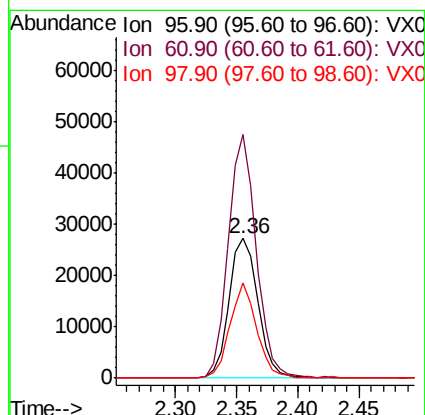
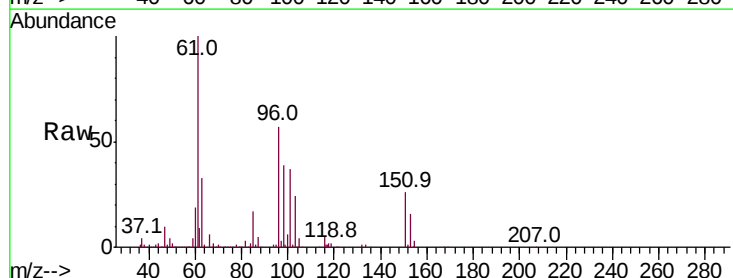
Instrument :
MSVOA_X
ClientSampleID :
VX1012WBS01

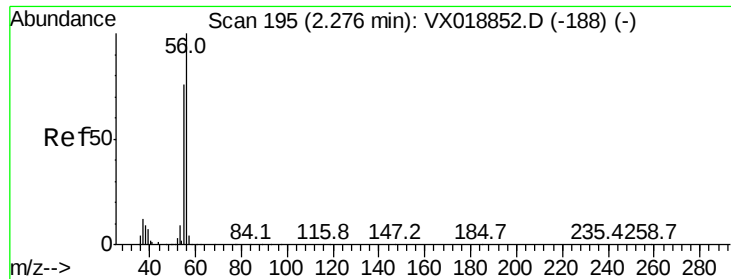
Tot Ion: 59 Resp: 54039
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.6



#12
1,1-Dichloroethene
Concen: 19.585 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 96 Resp: 44660
Ion Ratio Lower Upper
96 100
61 174.4 137.0 205.6
98 68.6 53.9 80.9





#13

Acrolein

Concen: 84.680 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

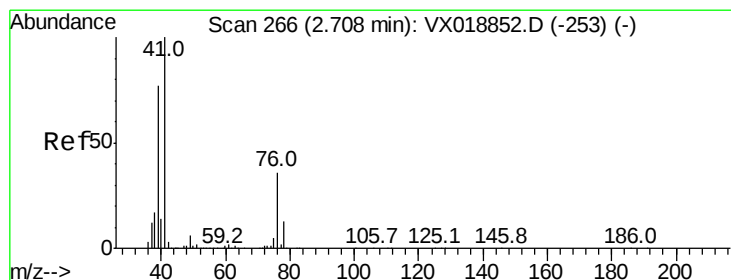
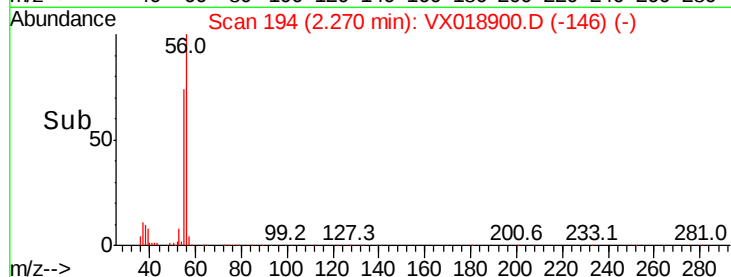
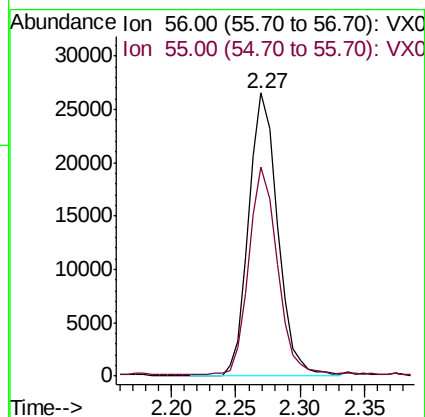
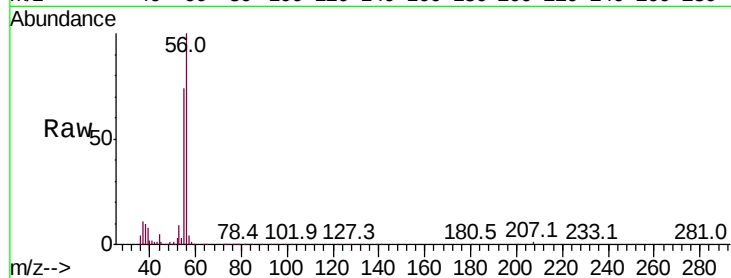
VX1012WBS01

Tot Ion: 56 Resp: 41358

Ion Ratio Lower Upper

56 100

55 72.4 58.6 87.8



#14

Allyl chloride

Concen: 19.141 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

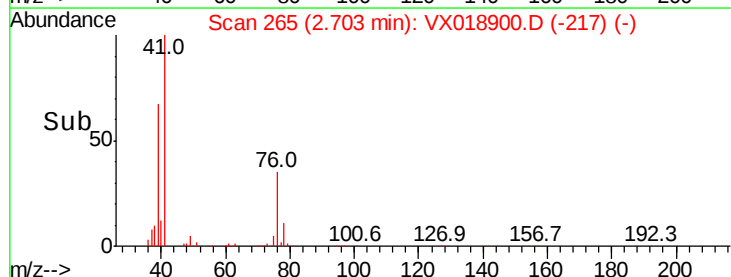
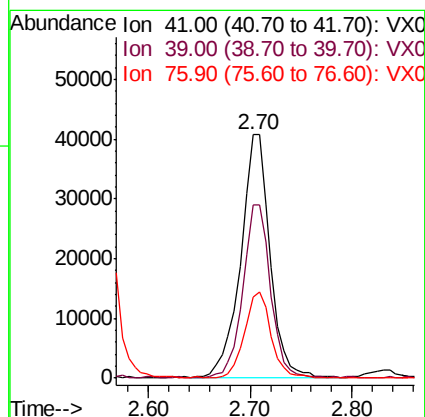
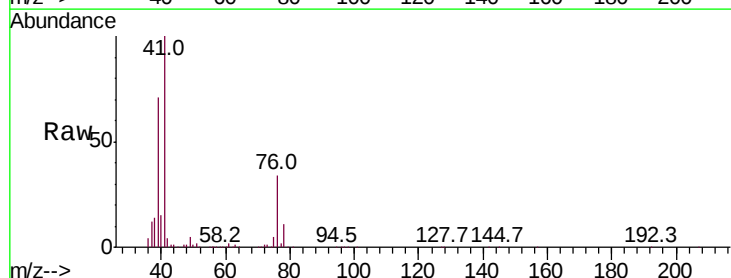
Tgt Ion: 41 Resp: 80991

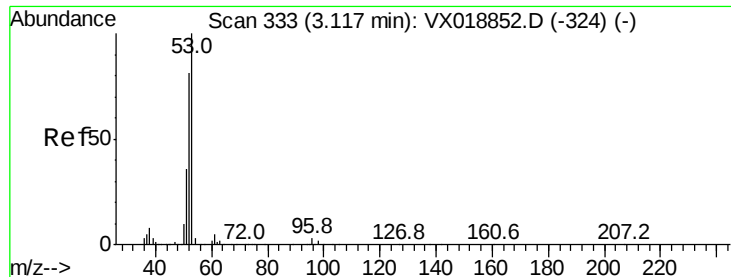
Ion Ratio Lower Upper

41 100

39 66.5 57.8 86.8

76 32.5 26.8 40.2





#15

Acrylonitrile

Concen: 97.512 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

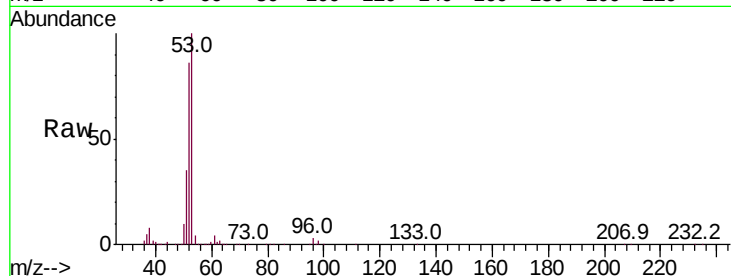
MSVOA_X

ClientSampleId :

VX1012WBS01

Tot Ion: 53 Resp: 121398

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.7	100.1
51	36.7	30.3	45.5

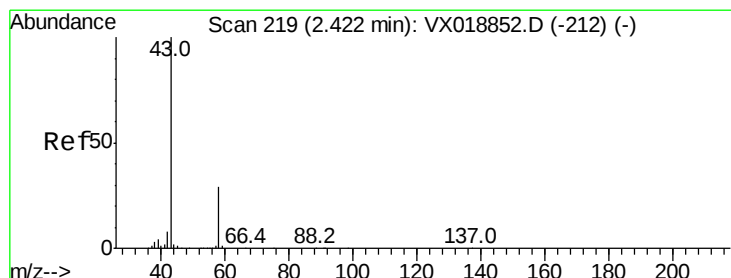
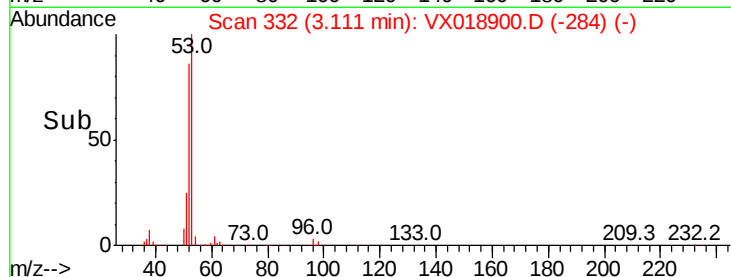
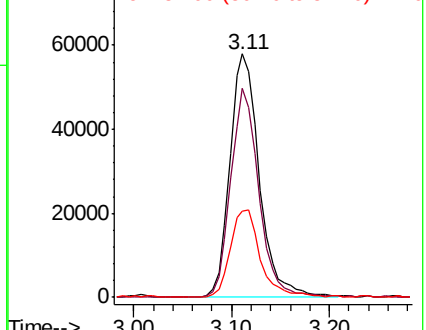


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.347 ug/l

RT: 2.42 min Scan# 218

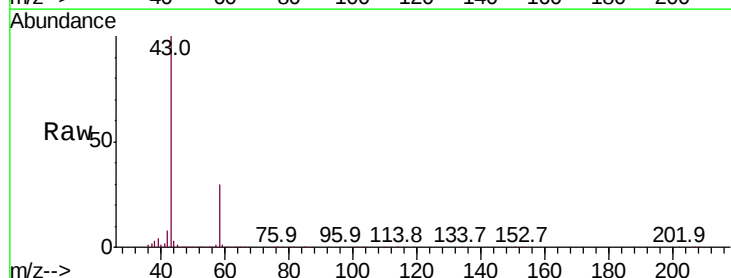
Delta R.T. -0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Tgt Ion: 43 Resp: 135894

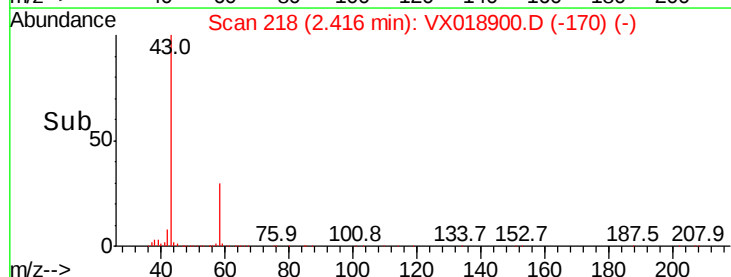
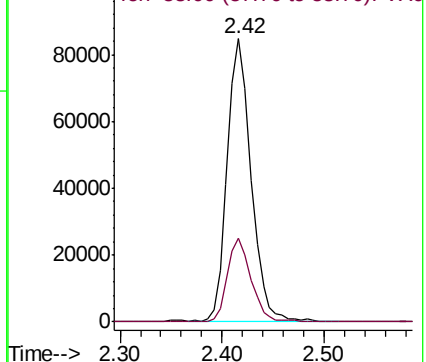
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.0	34.4

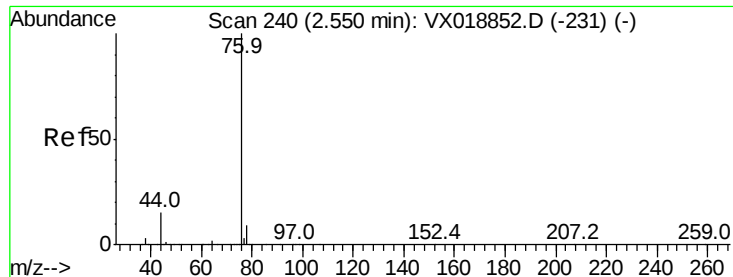


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

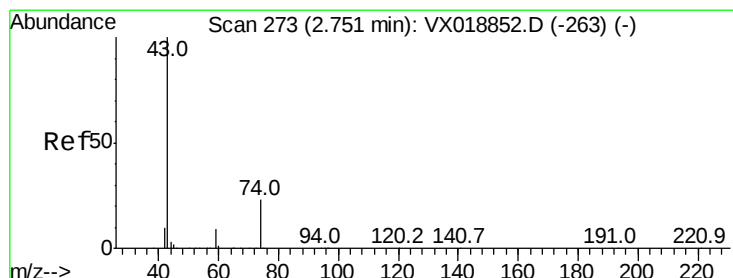
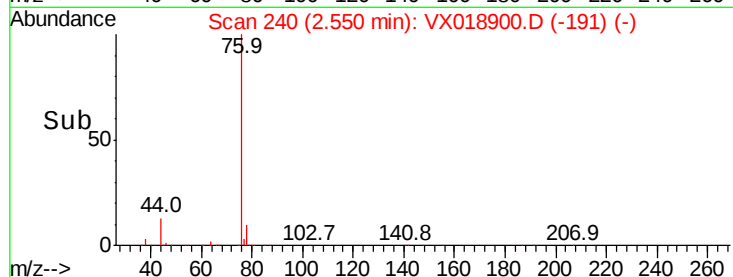
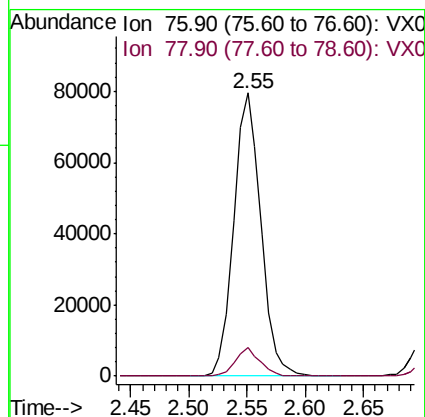
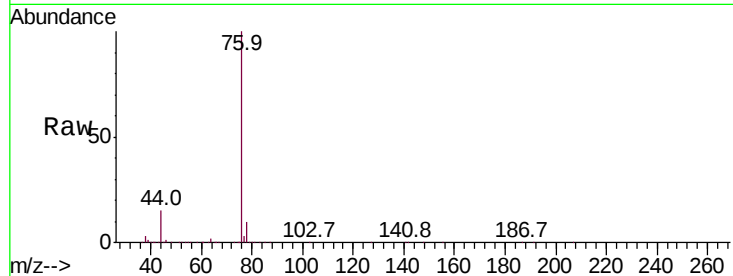




#17
Carbon Disulfide
Concen: 18.849 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

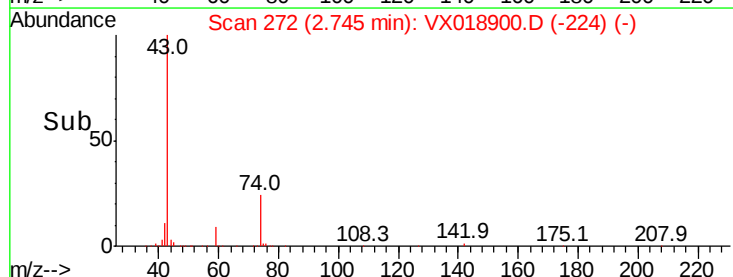
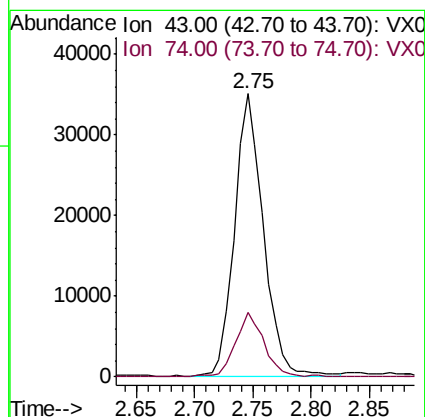
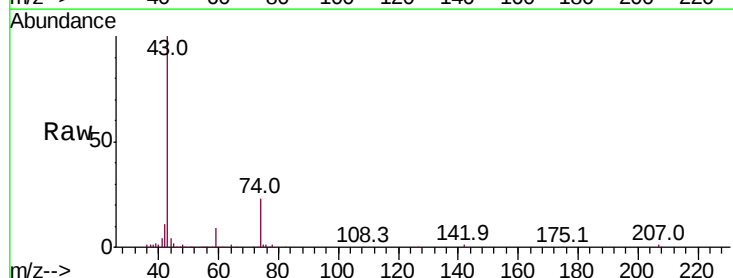
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

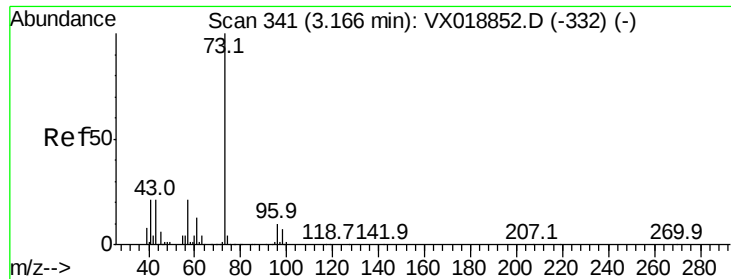
Tot Ion: 76 Resp: 128990
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 19.361 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 43 Resp: 59985
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3

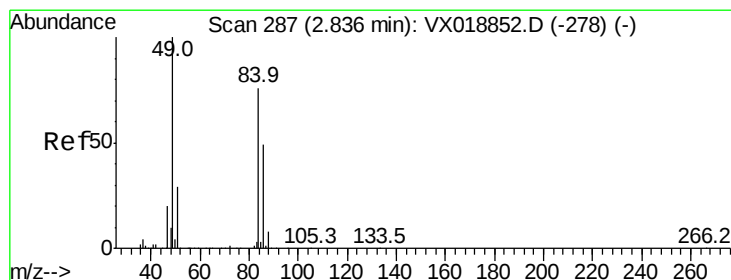
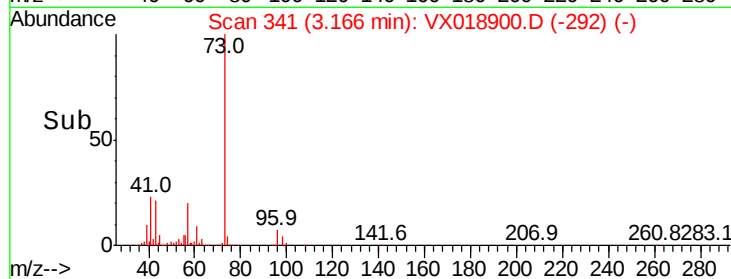
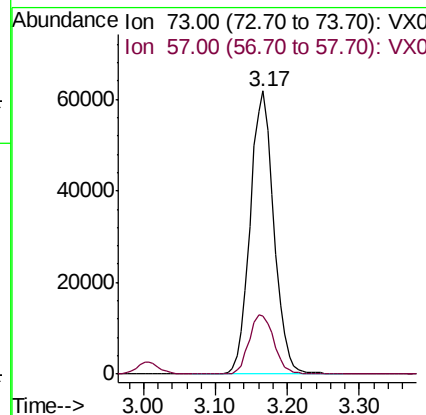
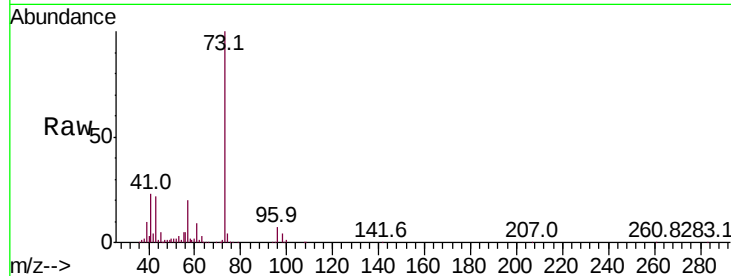




#19
Methvl tert-butvl Ether
Concen: 18.092 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

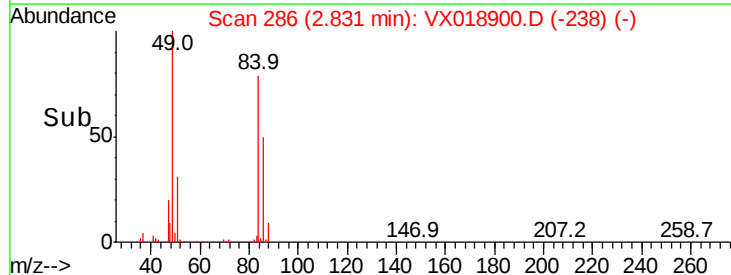
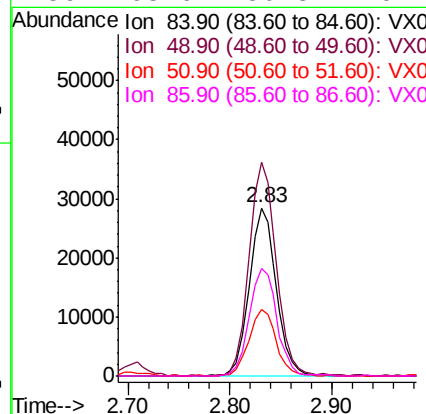
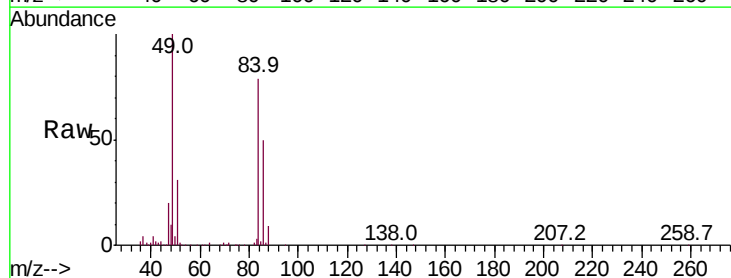
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

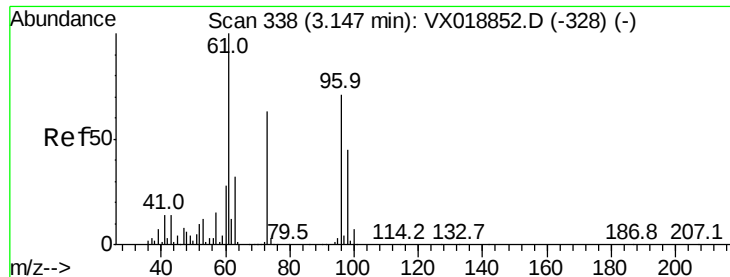
Tot Ion: 73 Resp: 141567
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 19.955 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 84 Resp: 52235
Ion Ratio Lower Upper
84 100
49 126.4 104.8 157.2
51 39.3 30.6 46.0
86 63.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.092 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

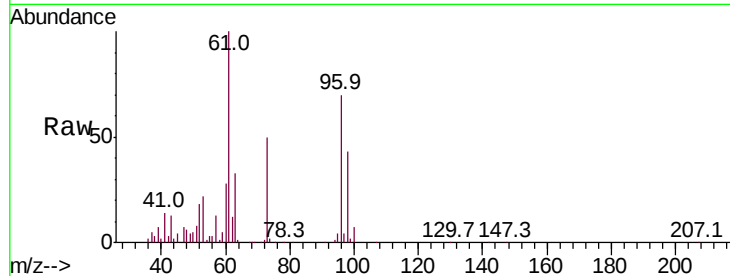
Tot Ion: 96 Resp: 48974

Ion Ratio Lower Upper

96 100

61 142.0 112.0 168.0

98 61.3 50.2 75.2

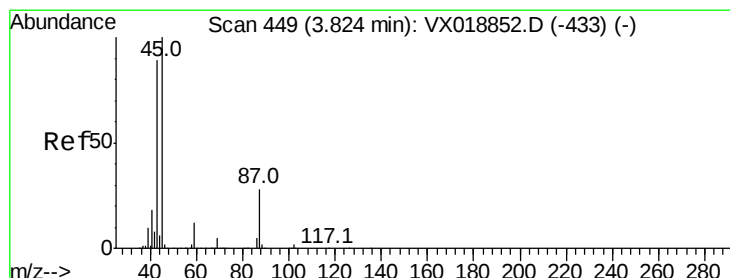
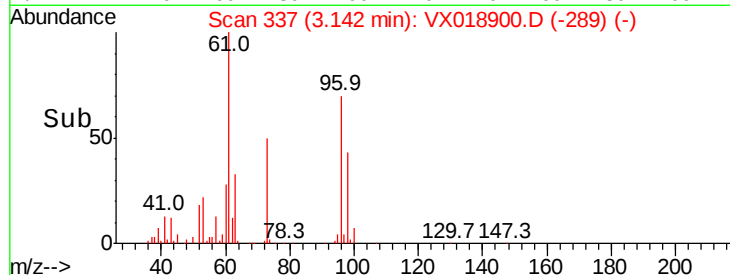
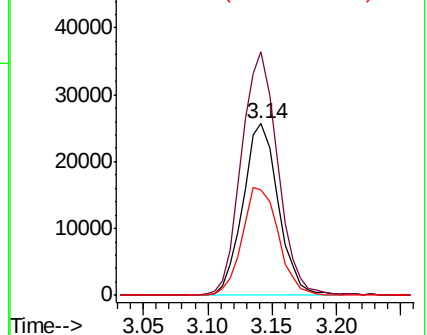


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.364 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Tgt Ion: 45 Resp: 154214

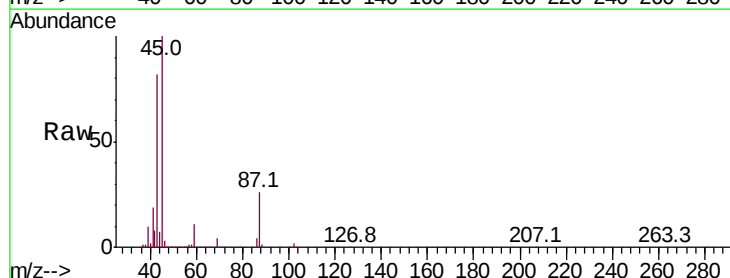
Ion Ratio Lower Upper

45 100

43 80.9 71.2 106.8

87 25.7 22.5 33.7

59 10.7 9.2 13.8



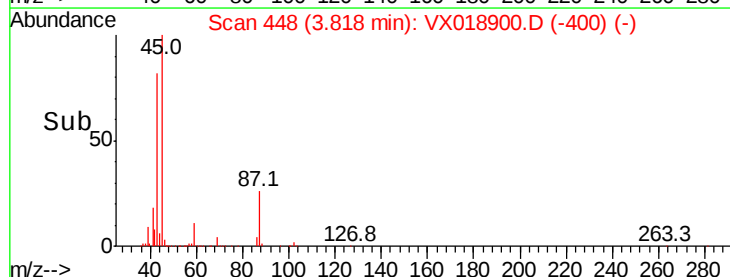
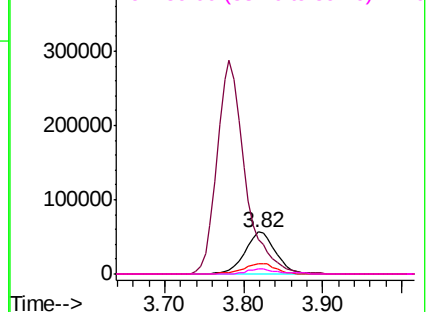
Abundance

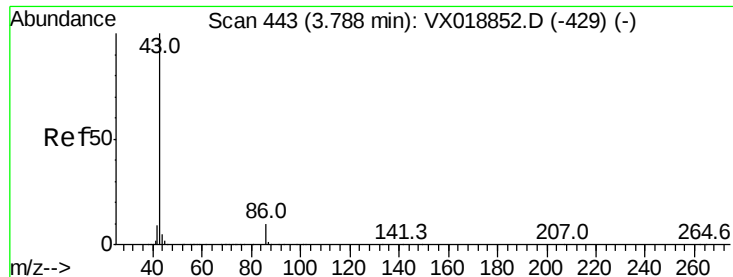
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.584 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

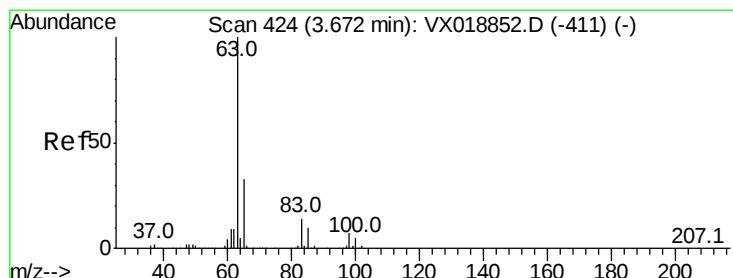
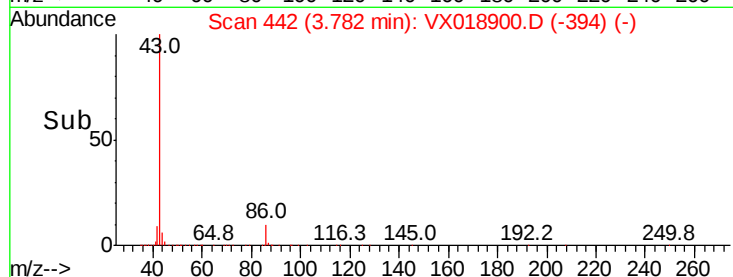
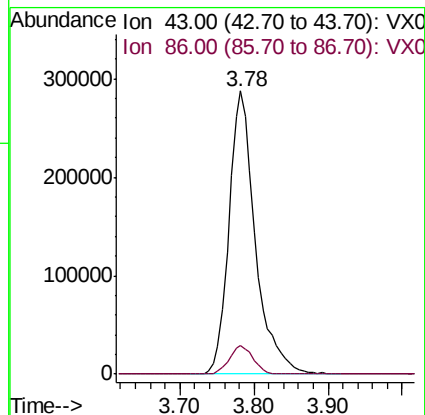
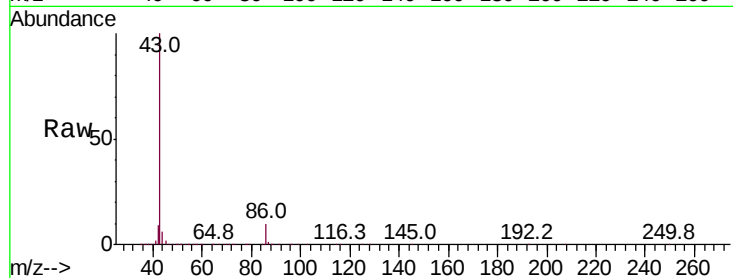
VX1012WBS01

Tot Ion: 43 Resp: 710722

Ion Ratio Lower Upper

43 100

86 10.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 18.287 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

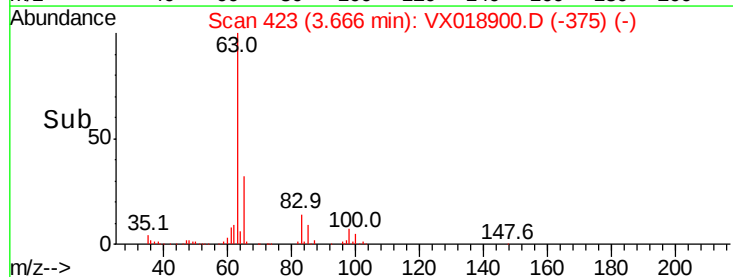
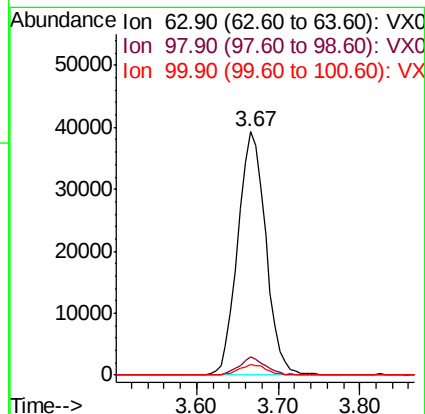
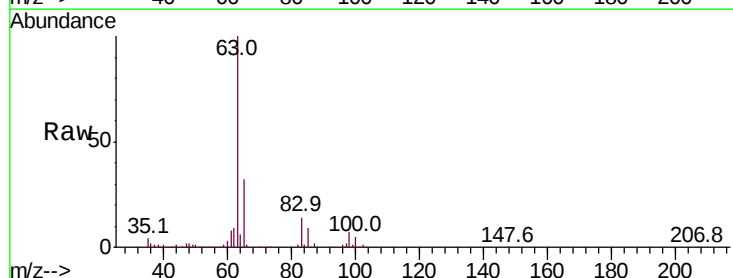
Tgt Ion: 63 Resp: 93109

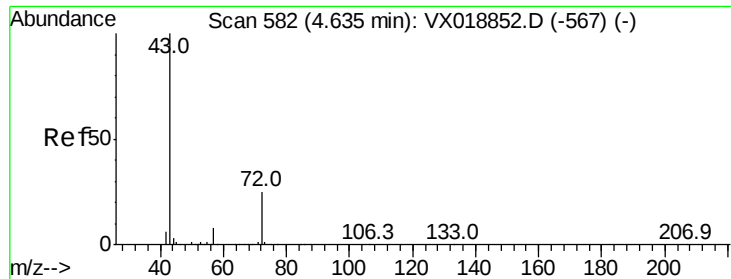
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.6 2.5 7.6





#25

2-Butanone

Concen: 94.576 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

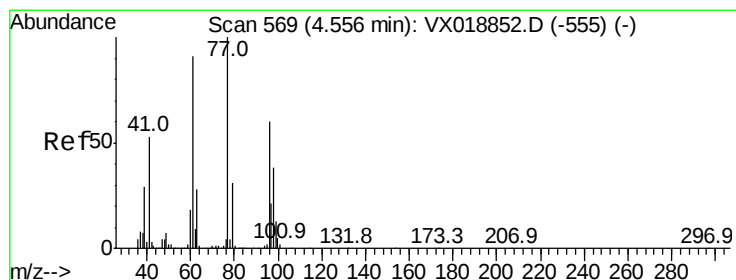
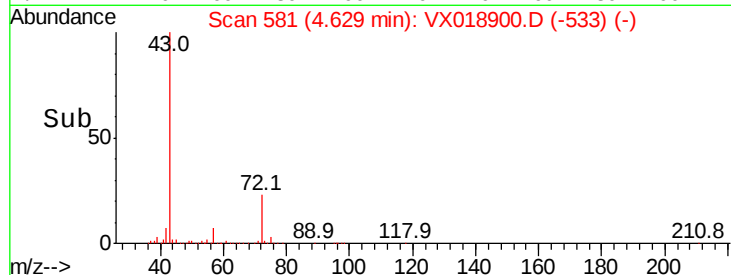
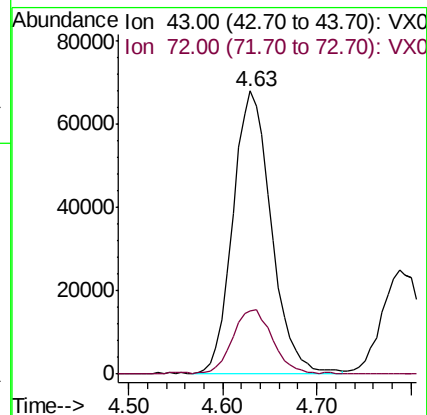
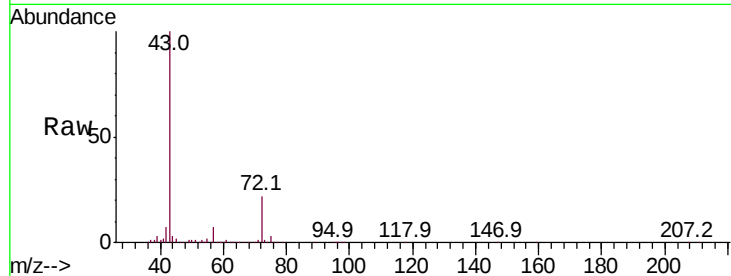
VX1012WBS01

Tot Ion: 43 Resp: 190924

Ion Ratio Lower Upper

43 100

72 22.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 17.237 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018900.D

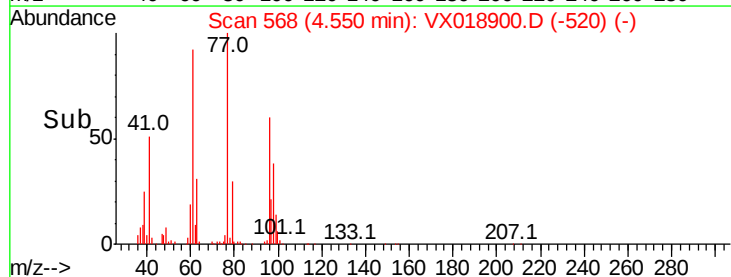
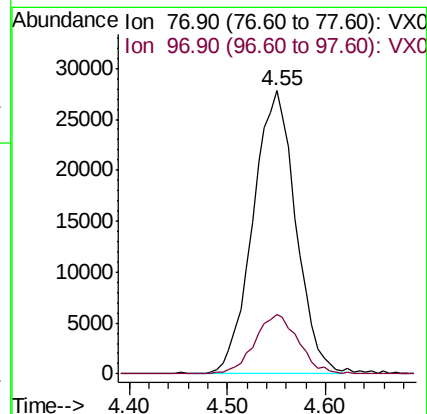
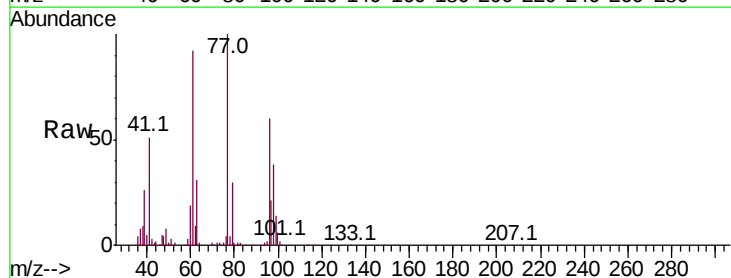
Acq: 12 Oct 2020 14:05

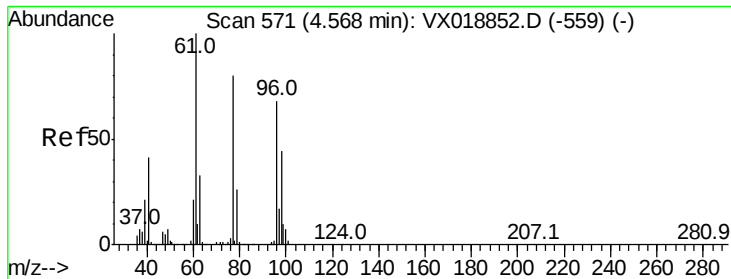
Tgt Ion: 77 Resp: 84679

Ion Ratio Lower Upper

77 100

97 21.5 10.4 31.4



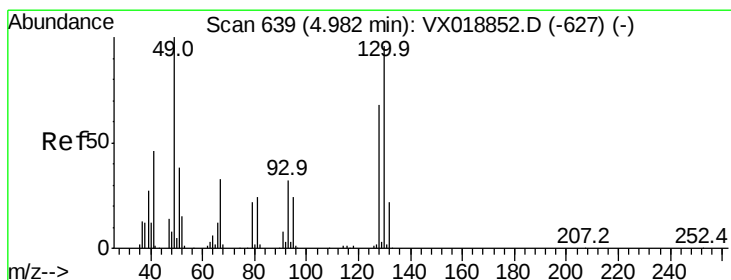
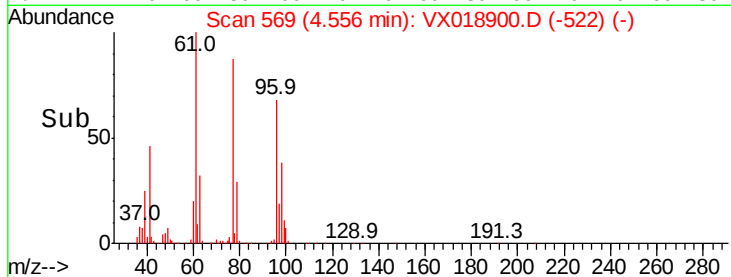
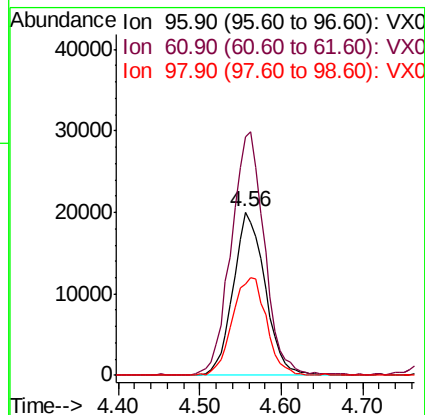
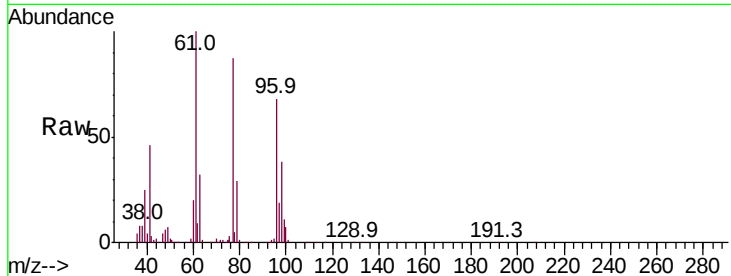


#27

cis-1,2-Dichloroethene
Concen: 17.985 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

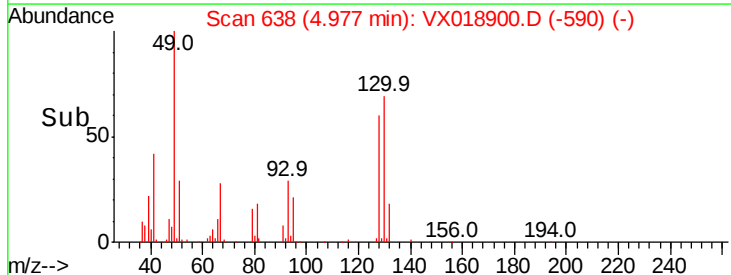
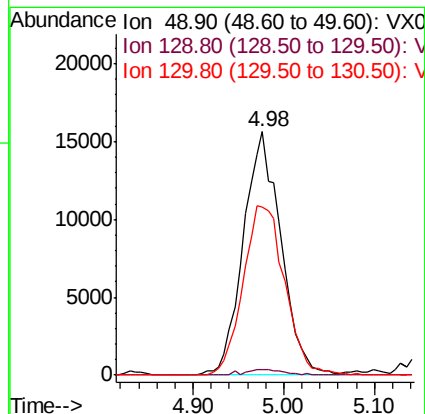
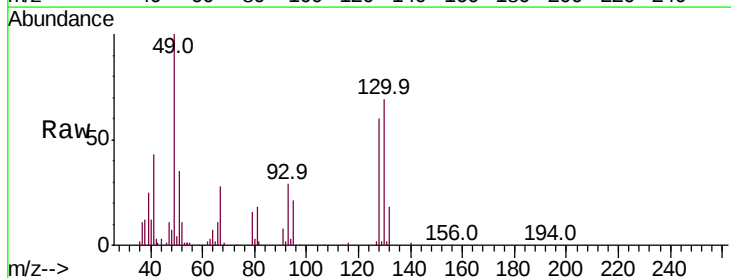
Tot Ion	96	Resp	54063
Ion Ratio	Lower	Upper	
96	100		
61	155.4	0.0	306.8
98	64.4	0.0	130.2

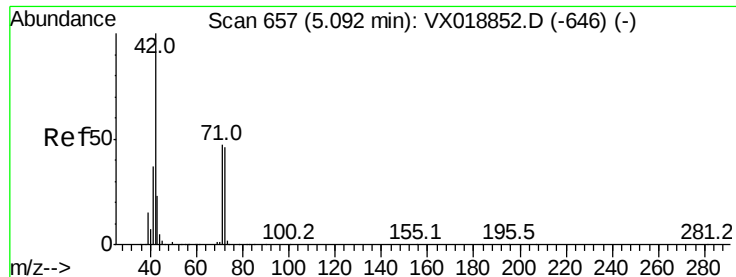


#28

Bromochloromethane
Concen: 20.850 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion	49	Resp	44828
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	5.4
130	77.5	71.2	106.8





#29

Tetrahydrofuran

Concen: 98.782 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

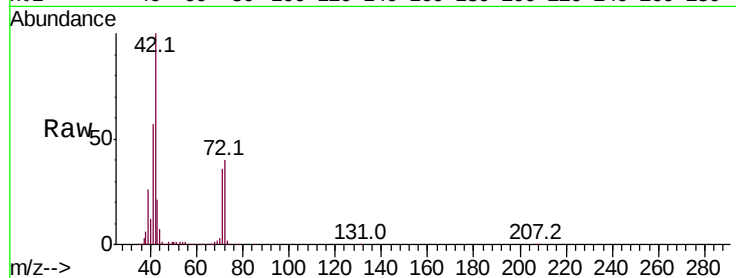
Tot Ion: 42 Resp: 106991

Ion Ratio Lower Upper

42 100

72 42.8 36.4 54.6

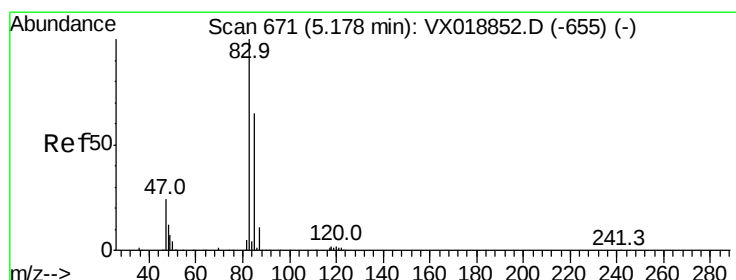
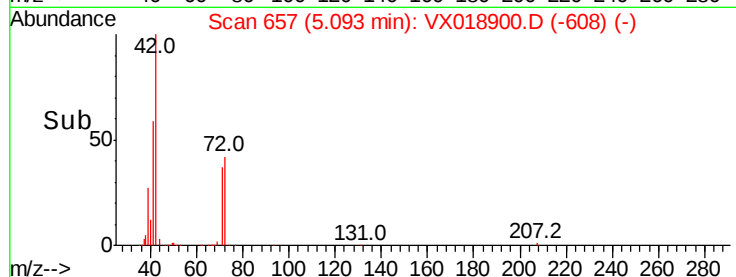
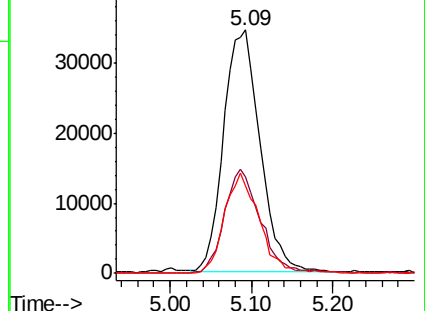
71 39.6 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.856 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018900.D

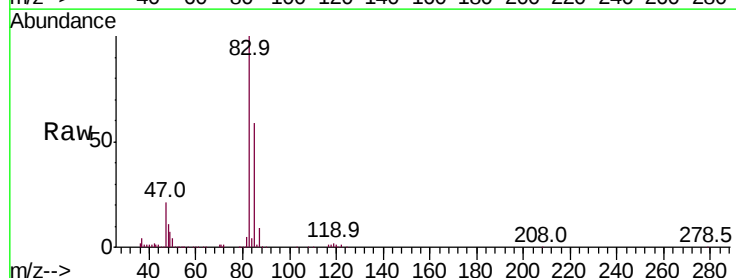
Acq: 12 Oct 2020 14:05

Tgt Ion: 83 Resp: 100168

Ion Ratio Lower Upper

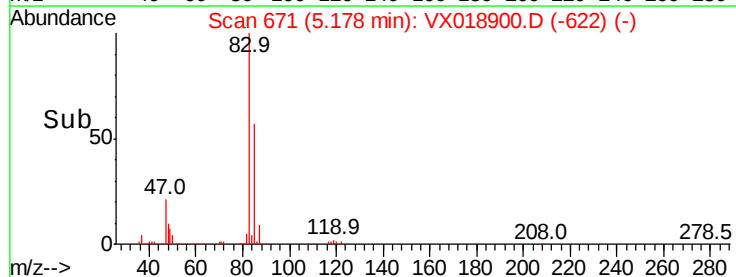
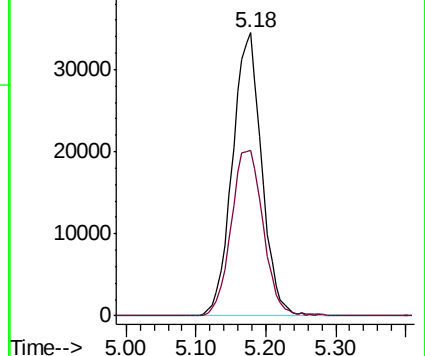
83 100

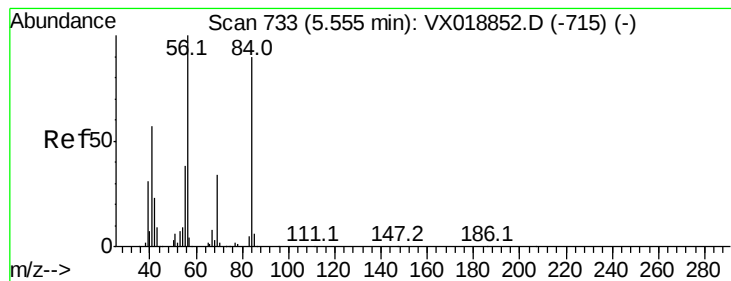
85 58.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.041 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

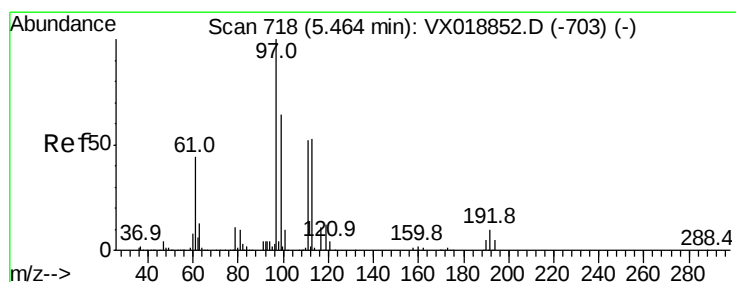
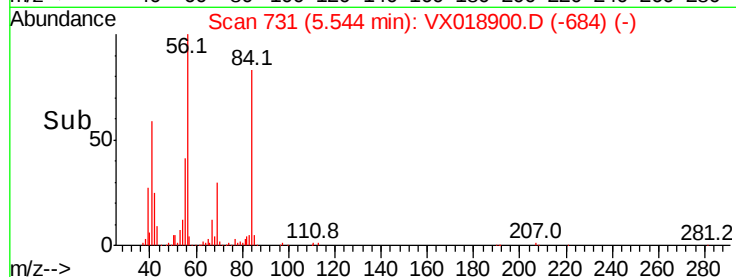
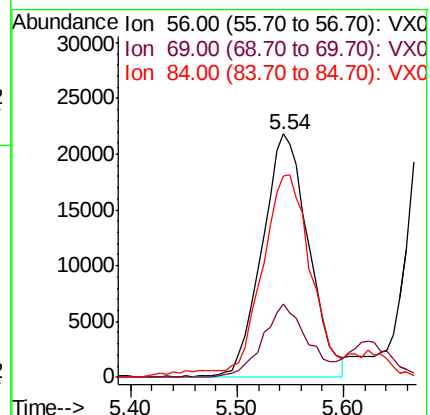
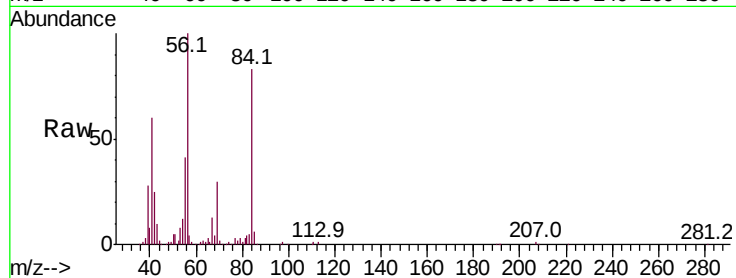
Tot Ion: 56 Resp: 66284

Ion Ratio Lower Upper

56 100

69 30.1 27.1 40.7

84 80.3 71.7 107.5



#32

1,1,1-Trichloroethane

Concen: 17.596 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

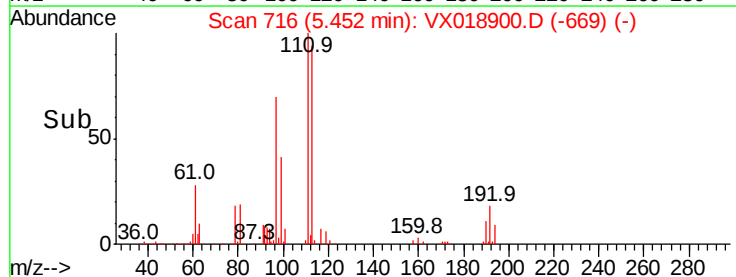
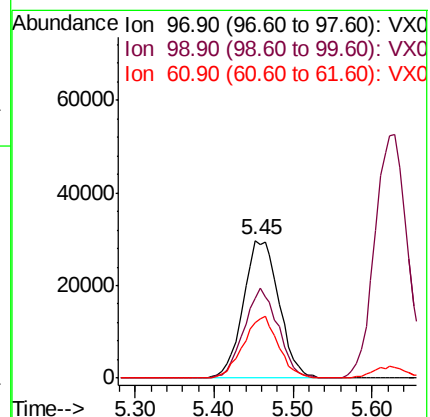
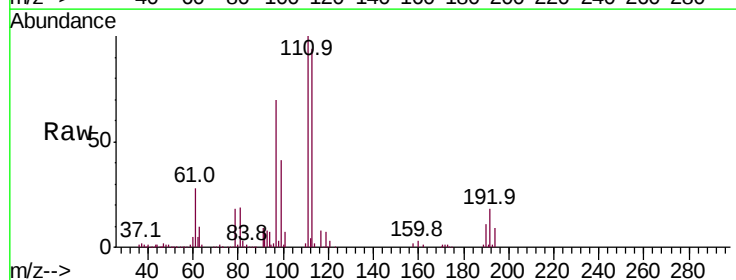
Tgt Ion: 97 Resp: 93802

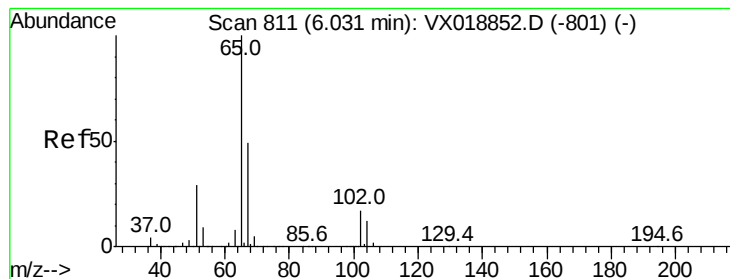
Ion Ratio Lower Upper

97 100

99 62.1 52.1 78.1

61 44.0 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 48.921 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

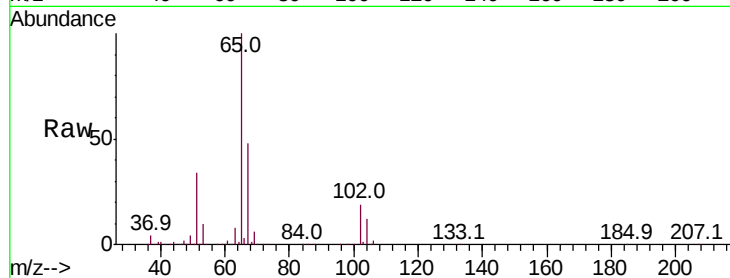
VX1012WBS01

Tot Ion: 65 Resp: 182335

Ion Ratio Lower Upper

65 100

67 49.1 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

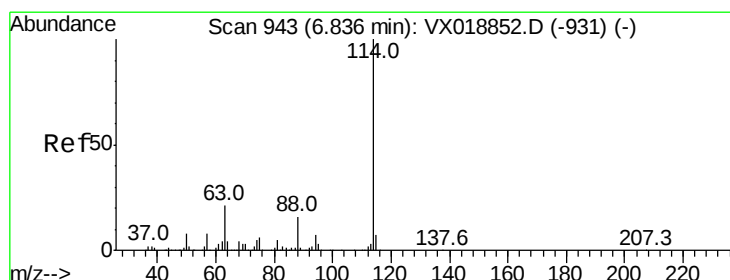
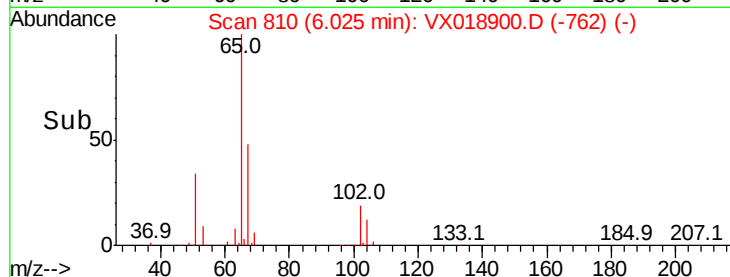
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

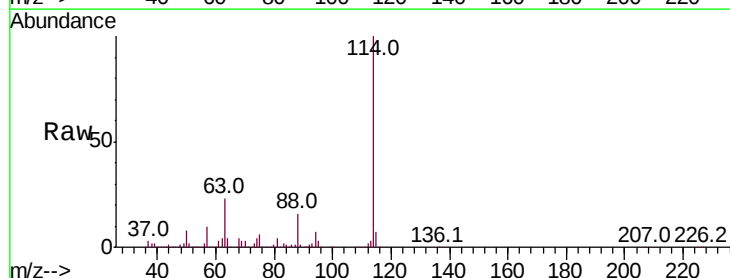
Tgt Ion: 114 Resp: 368095

Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.4

88 15.8 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

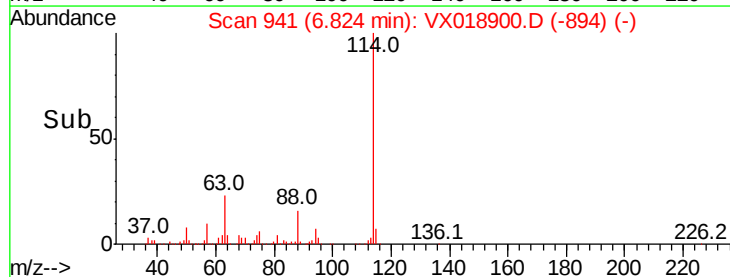
100000

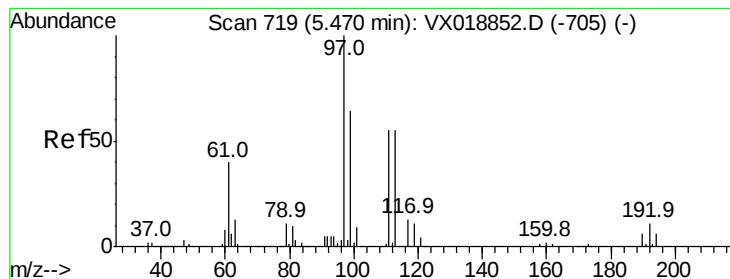
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.432 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

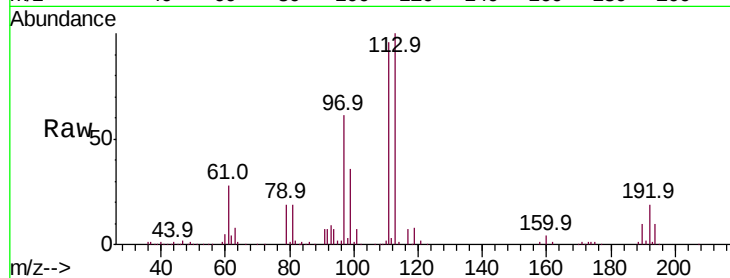
Tot Ion:113 Resp: 132298

Ion Ratio Lower Upper

113 100

111 102.7 80.1 120.1

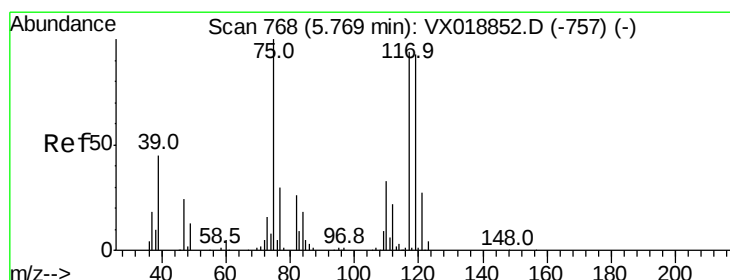
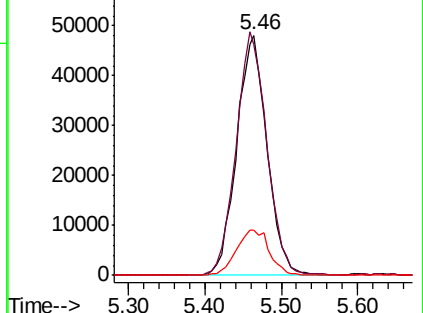
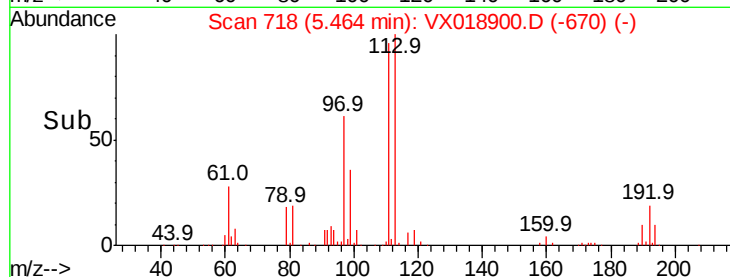
192 20.5 16.0 24.0



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: 17.846 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

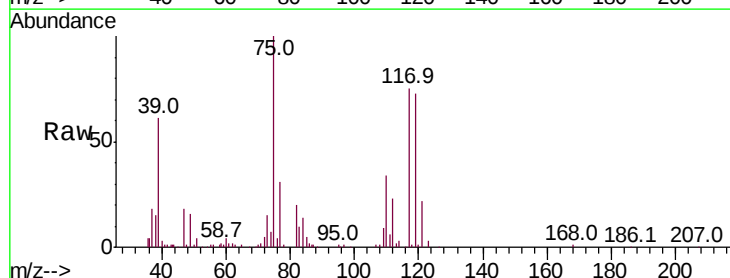
Tgt Ion: 75 Resp: 69066

Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.5

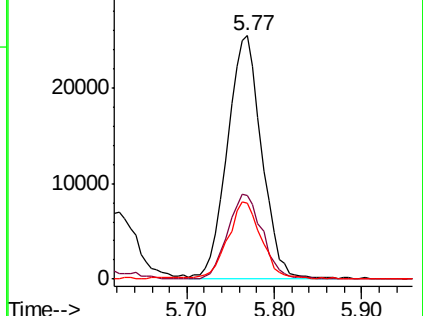
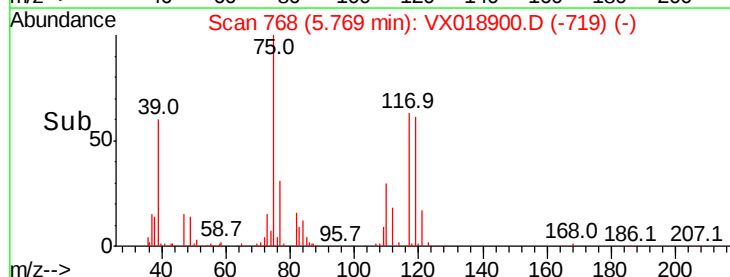
77 31.5 24.2 36.4

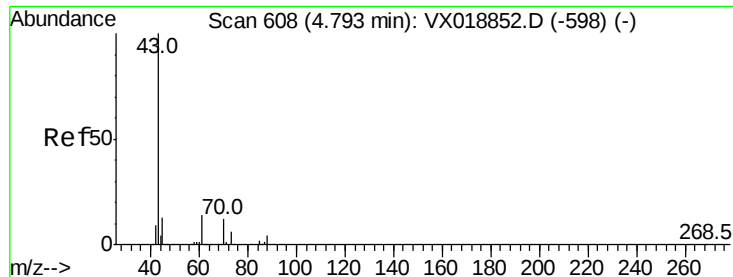


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

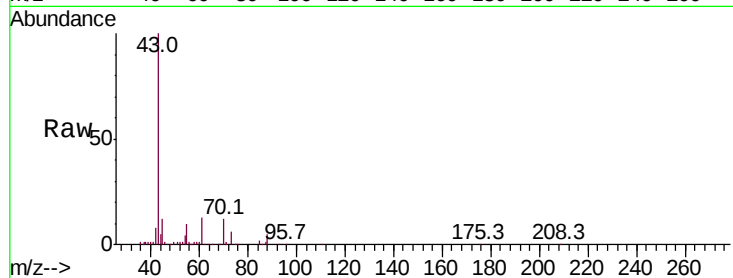




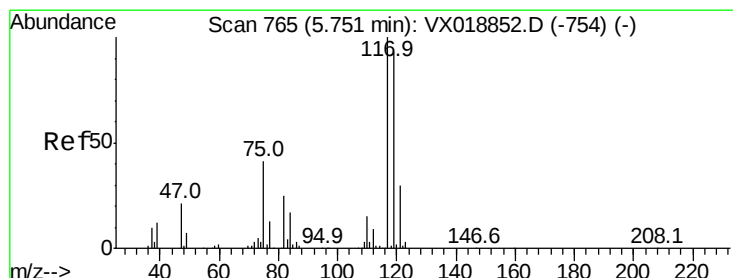
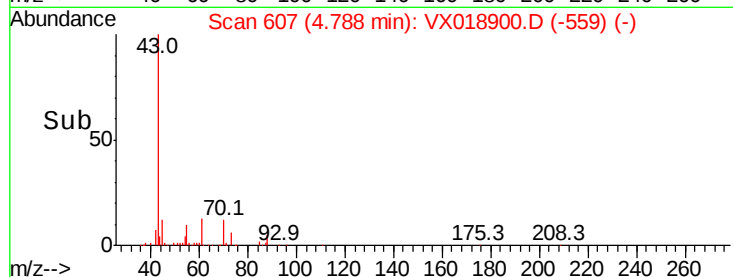
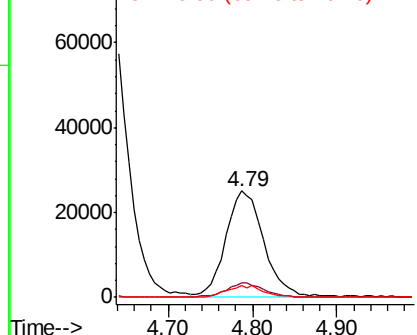
#37
Ethyl Acetate
Concen: 20.312 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tot Ion: 43 Resp: 75915
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.8 8.6 13.0

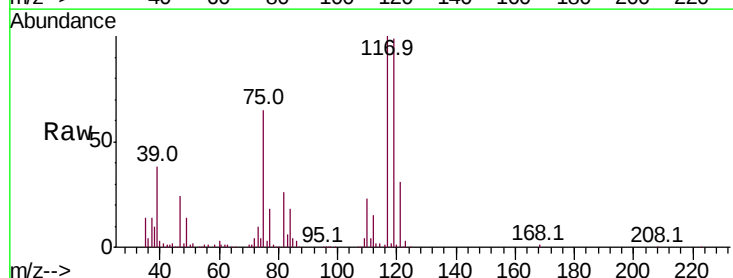


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

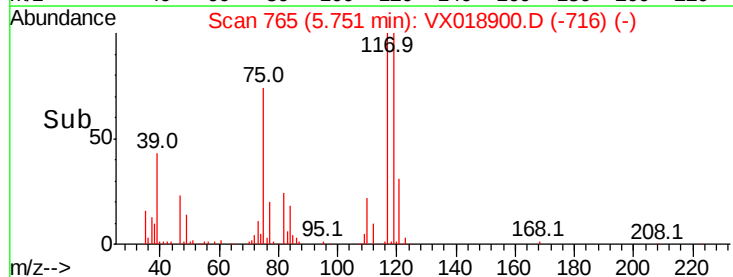
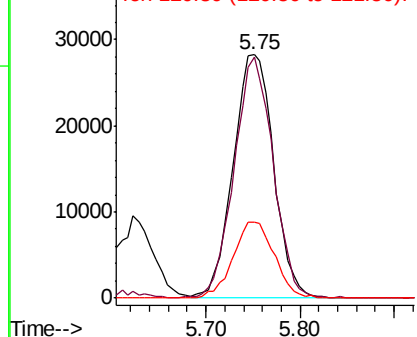


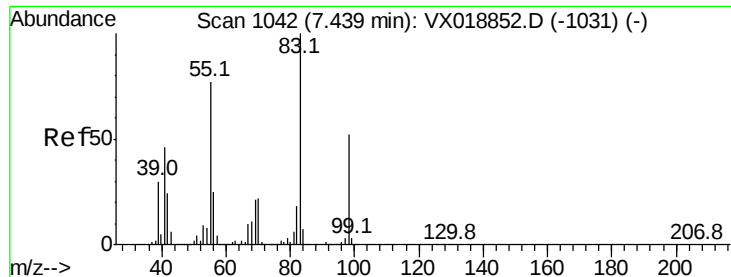
#38
Carbon Tetrachloride
Concen: 17.716 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 117 Resp: 84980
Ion Ratio Lower Upper
117 100
119 98.3 73.9 110.9
121 31.0 23.6 35.4



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

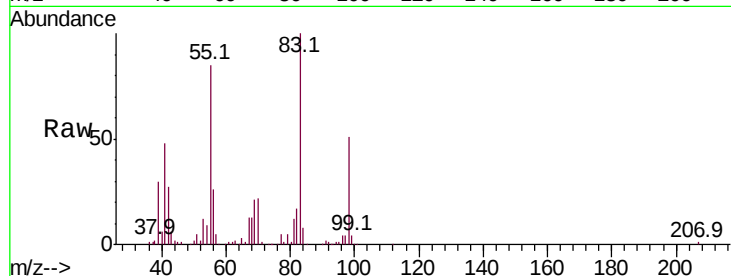




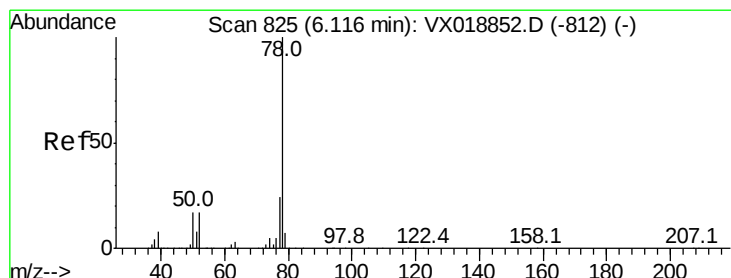
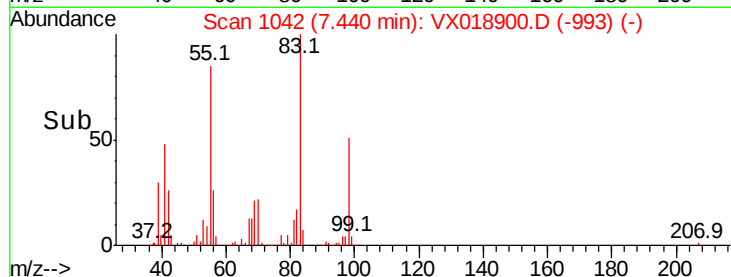
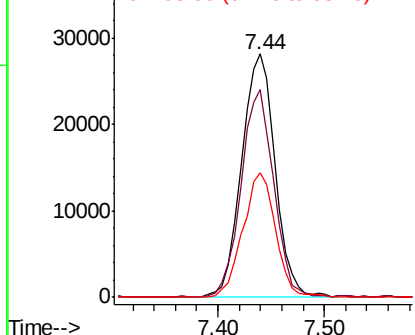
#39
Methvlcvclohexane
Concen: 17.475 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tot Ion: 83 Resp: 62344
Ion Ratio Lower Upper
83 100
55 85.2 61.8 92.6
98 51.4 41.4 62.0

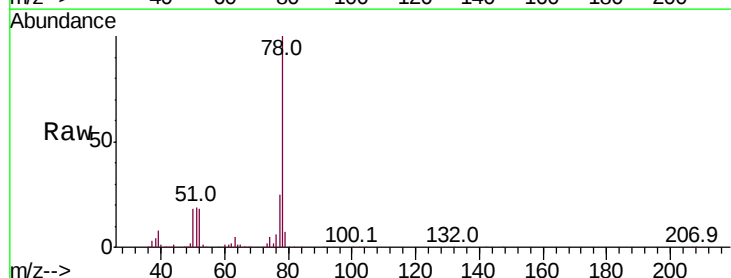


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

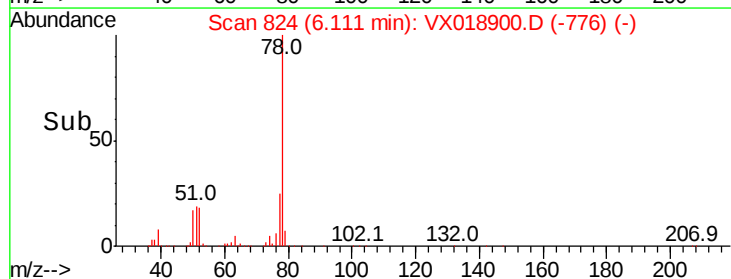
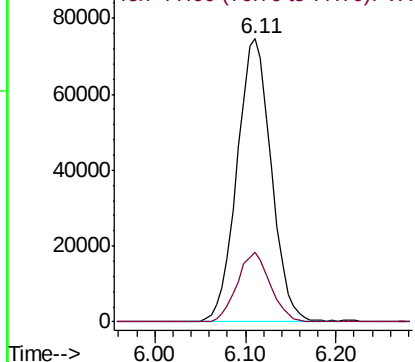


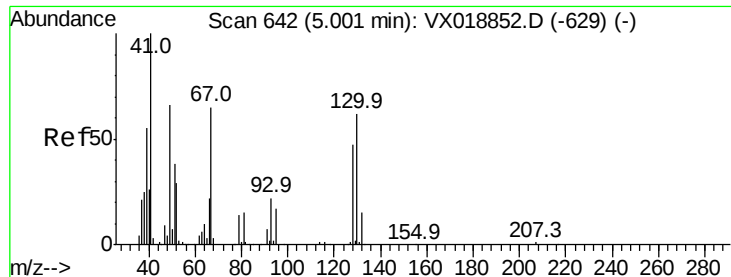
#40
Benzene
Concen: 18.777 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 78 Resp: 195232
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

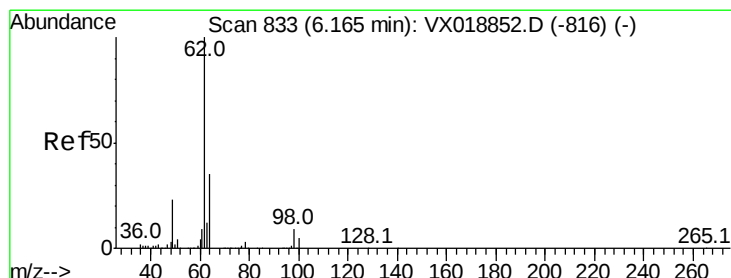
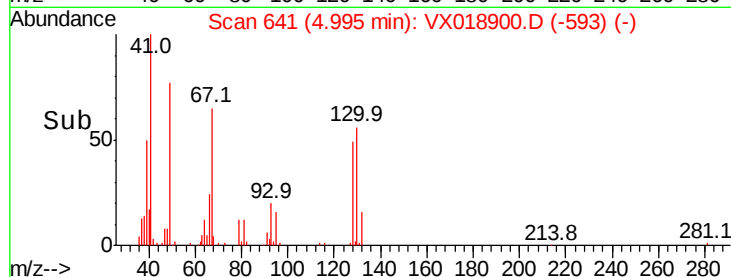
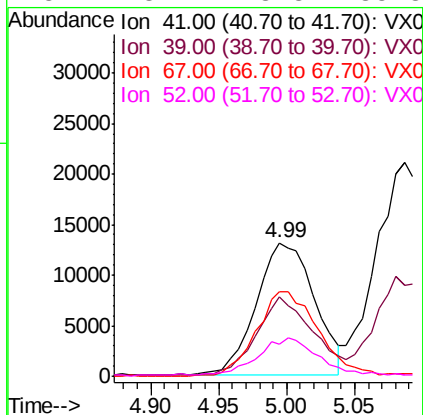
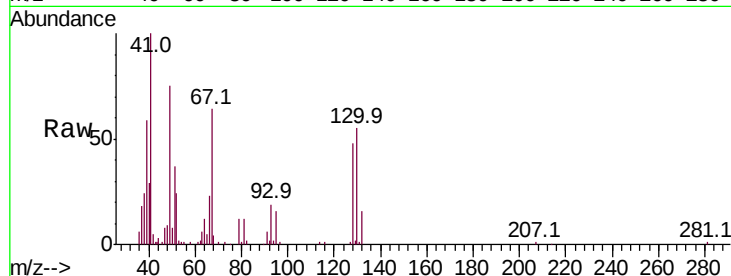




#41
Methacrylonitrile
Concen: 18.074 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

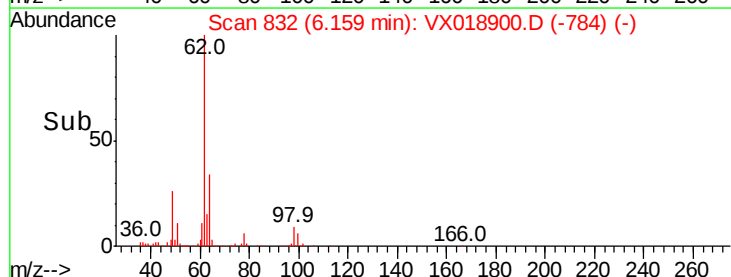
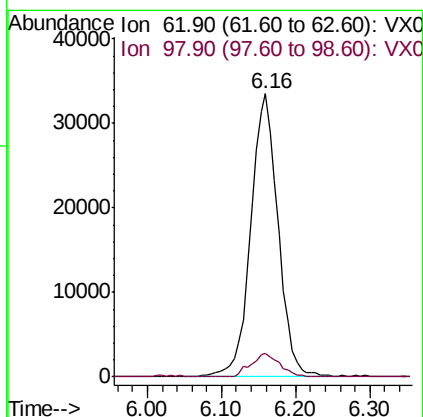
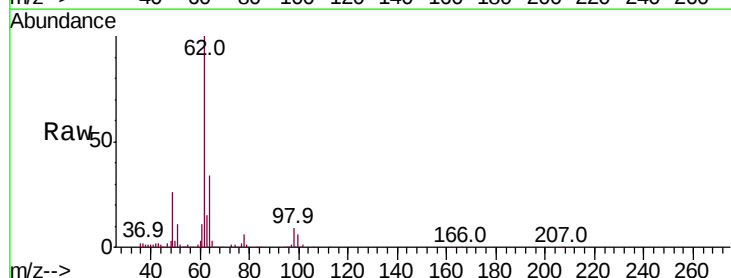
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

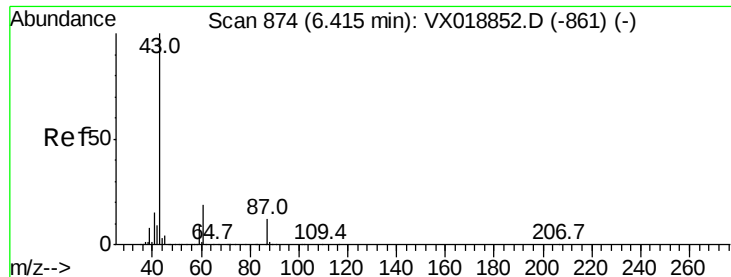
Tot Ion:	41	Resp:	39187
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.4	68.2
67	68.1	55.4	83.2
52	28.1	23.8	35.8



#42
1,2-Dichloroethane
Concen: 17.691 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion:	62	Resp:	86240
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.4



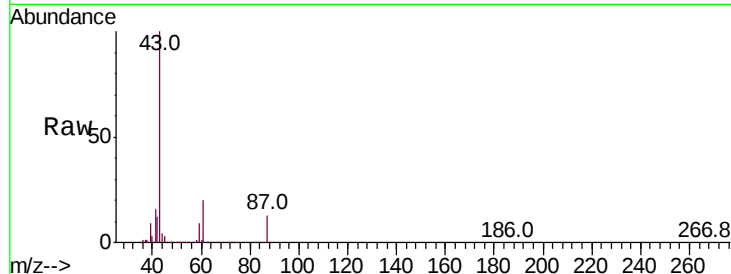


#43

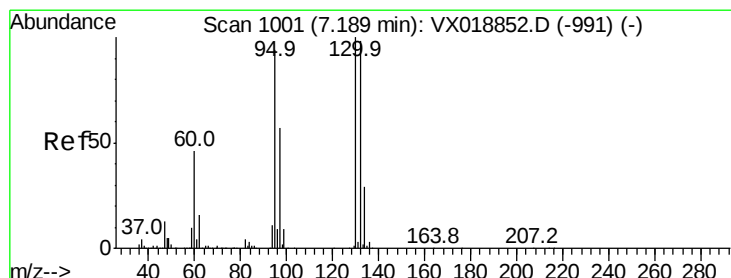
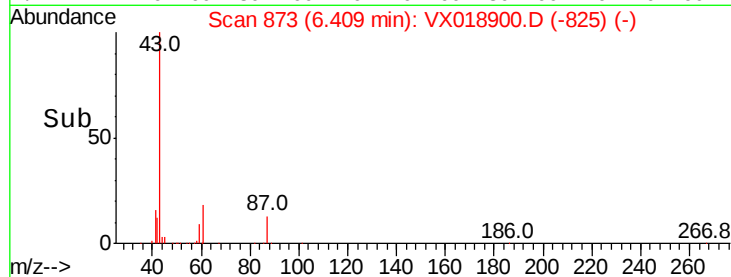
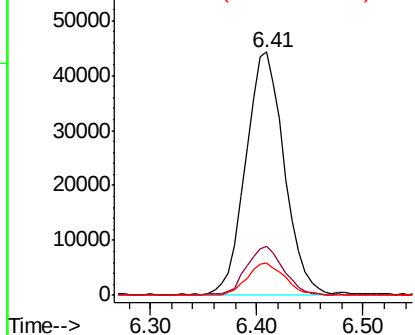
Isopropyl Acetate
 Concen: 18.139 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Tot Ion: 43 Resp: 112661
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.5 23.3
 87 13.3 10.8 16.2



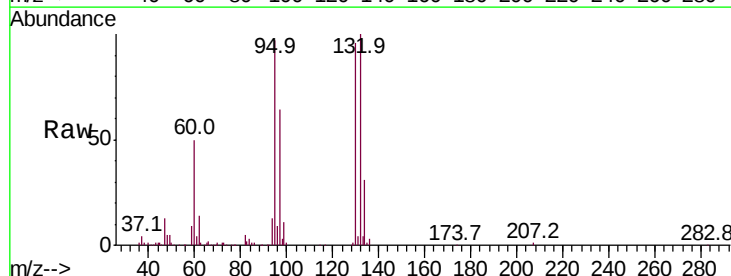
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



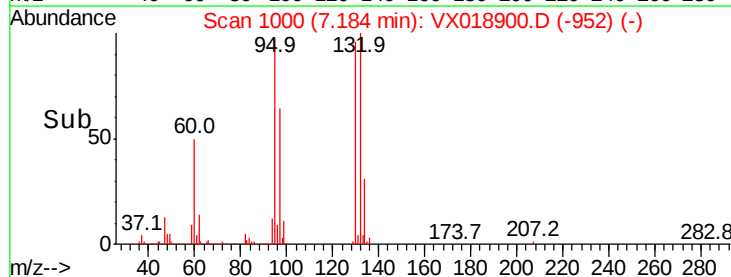
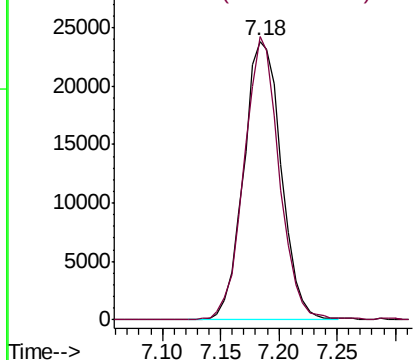
#44

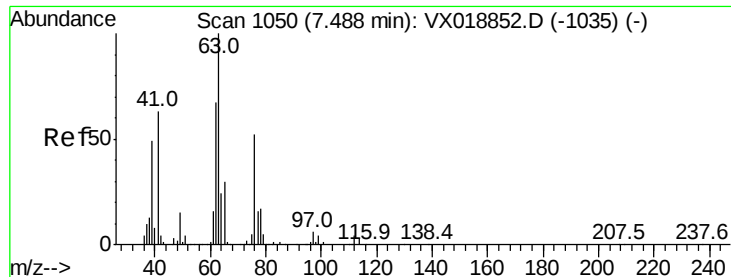
Trichloroethene
 Concen: 17.132 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

Tgt Ion:130 Resp: 53420
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 188.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

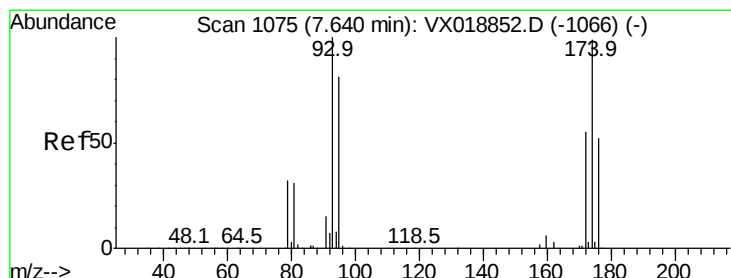
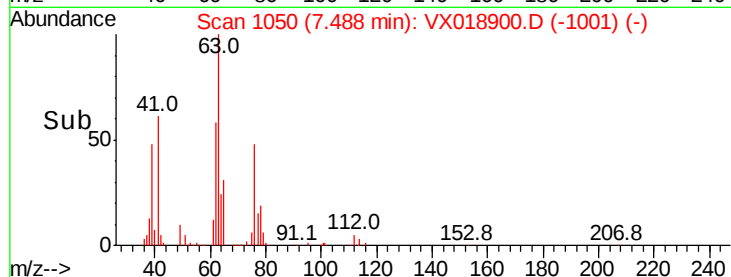
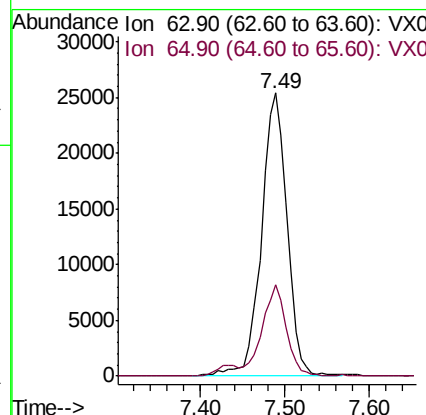
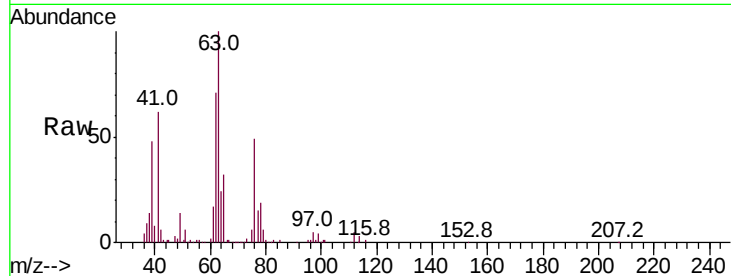




#45
 1,2-Dichloropropane
 Concen: 19.216 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

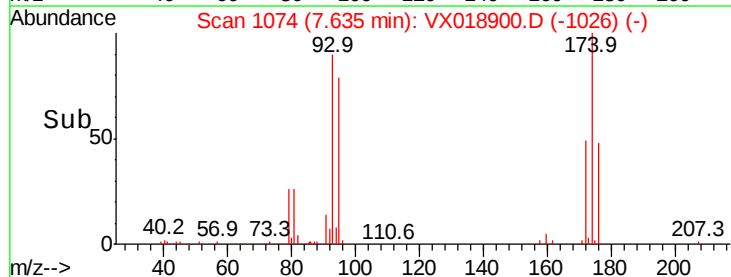
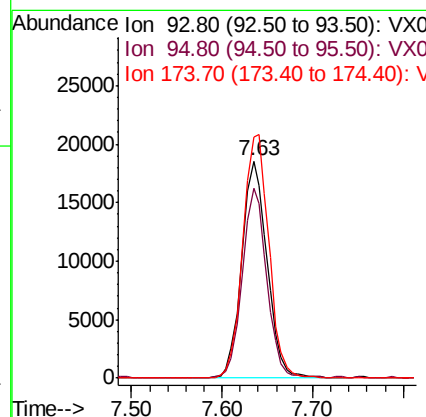
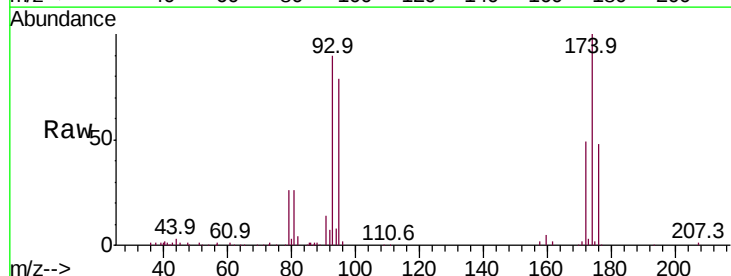
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

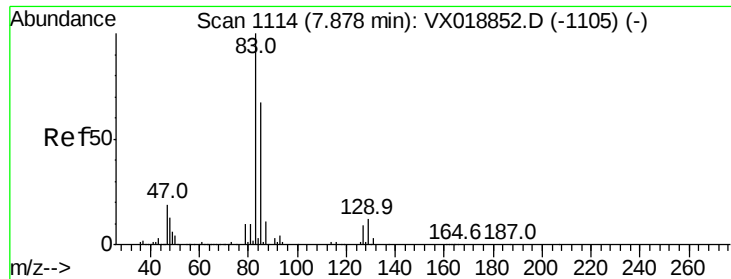
Tot Ion: 63 Resp: 52867
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.2 36.4



#46
 Dibromomethane
 Concen: 17.743 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

Tgt Ion: 93 Resp: 36074
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.1 99.1
 174 114.7 84.6 127.0





#47

Bromodichloromethane

Concen: 17.691 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

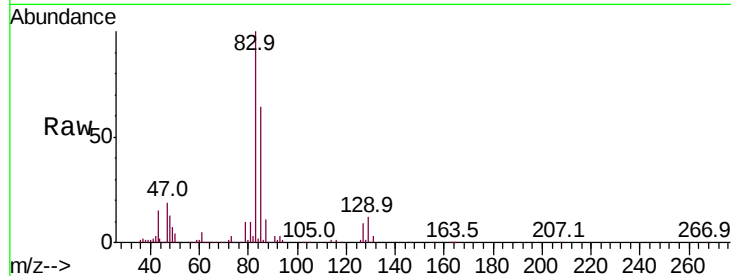
Tot Ion: 83 Resp: 77946

Ion Ratio Lower Upper

83 100

85 64.4 53.8 80.6

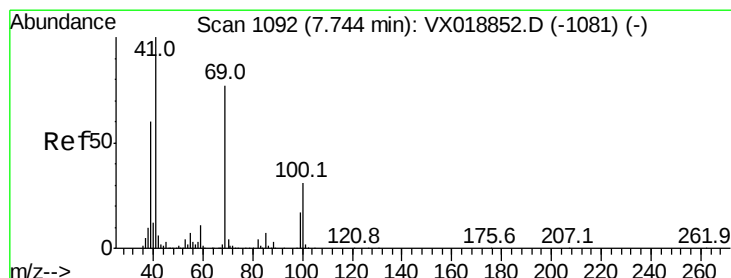
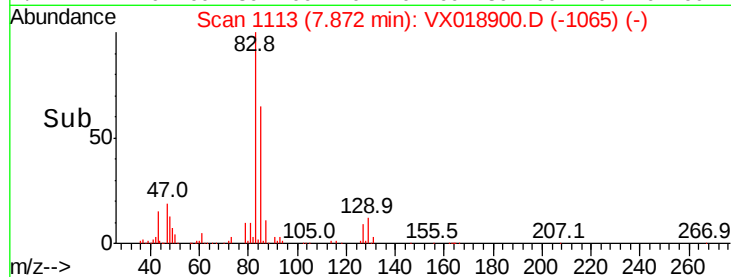
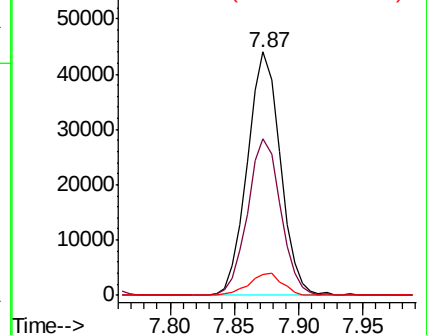
127 8.6 7.5 11.3



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: 16.875 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

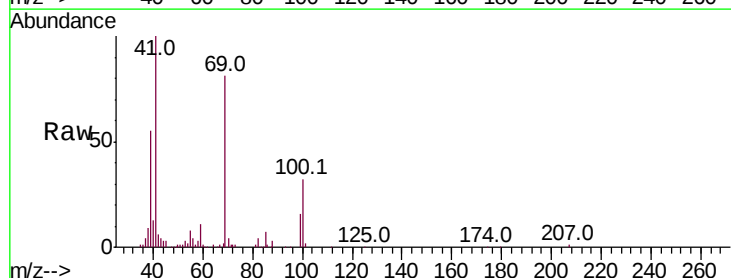
Tgt Ion: 41 Resp: 53182

Ion Ratio Lower Upper

41 100

69 81.1 64.6 97.0

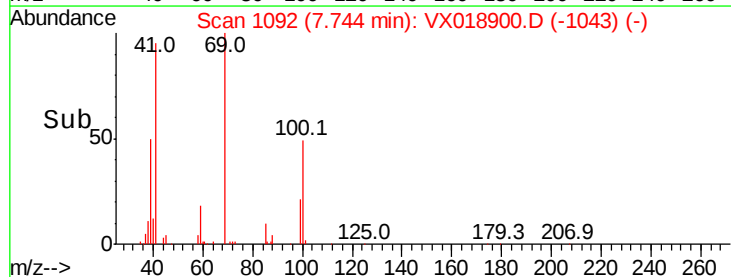
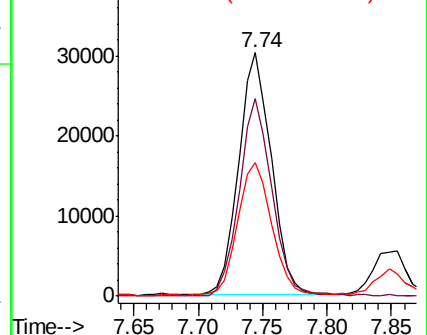
39 57.4 48.6 73.0

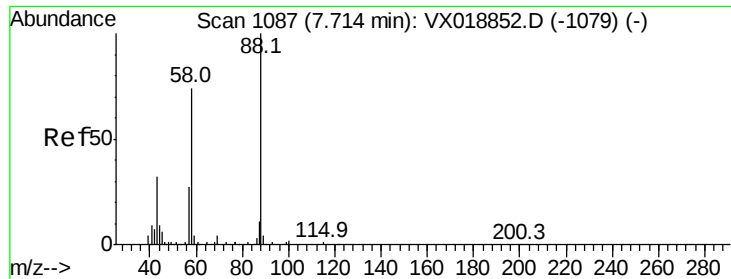


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 386.843 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

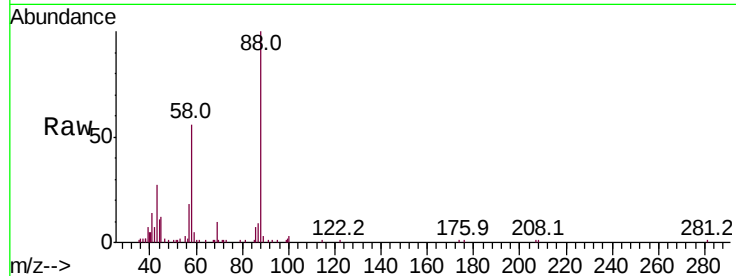
Tot Ion: 88 Resp: 17095

Ion Ratio Lower Upper

88 100

43 34.7 31.0 46.6

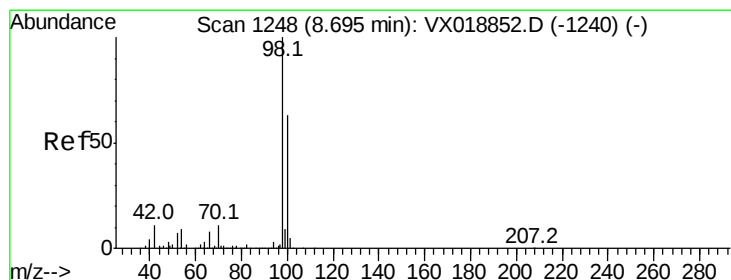
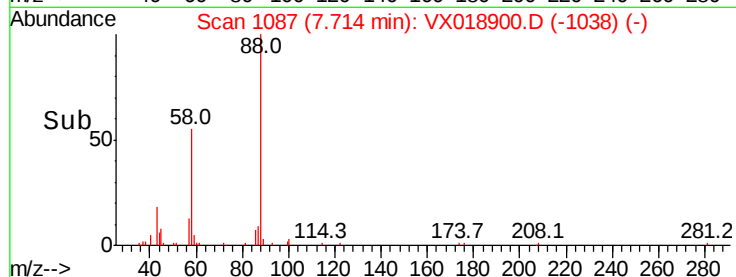
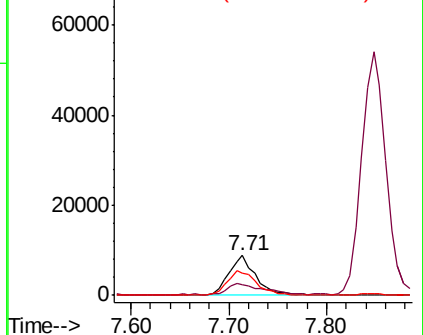
58 69.3 59.3 88.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.230 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018900.D

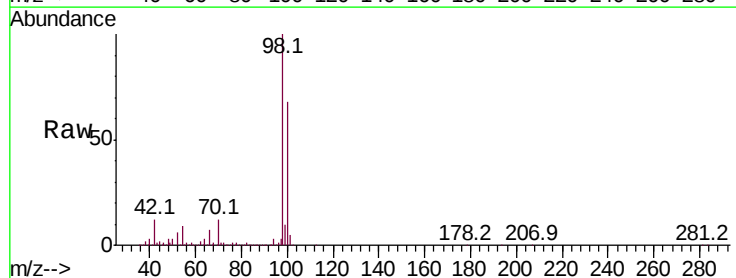
Acq: 12 Oct 2020 14:05

Tgt Ion: 98 Resp: 466167

Ion Ratio Lower Upper

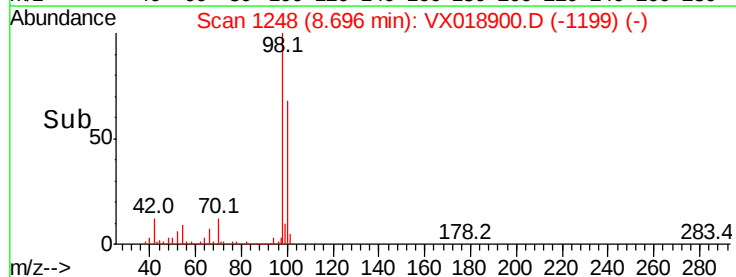
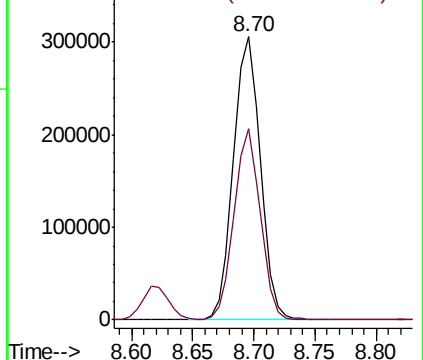
98 100

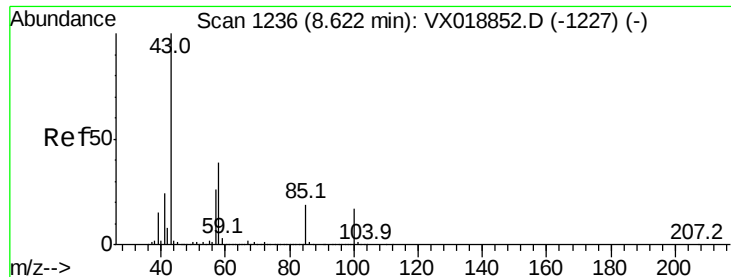
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.715 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

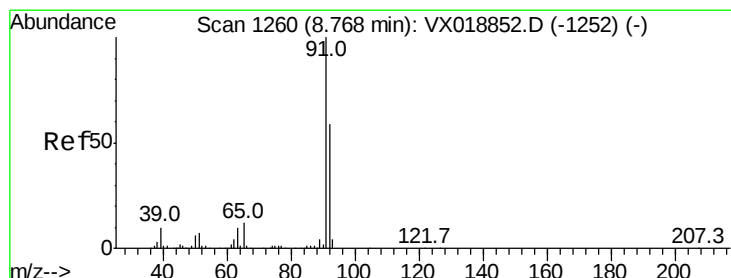
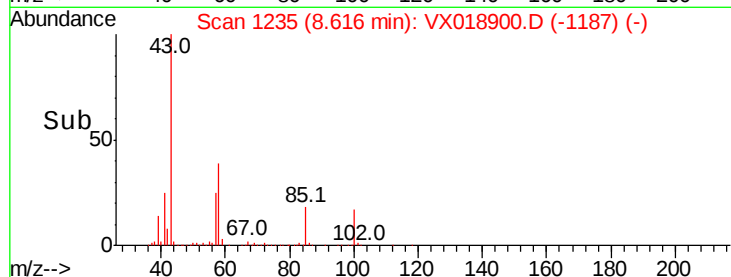
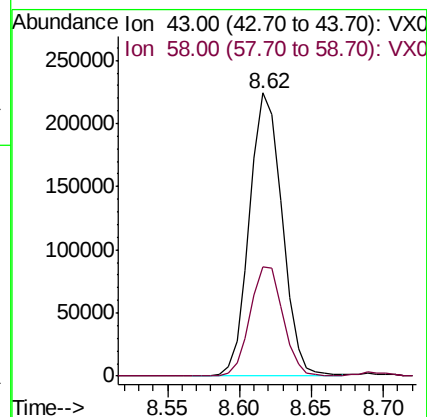
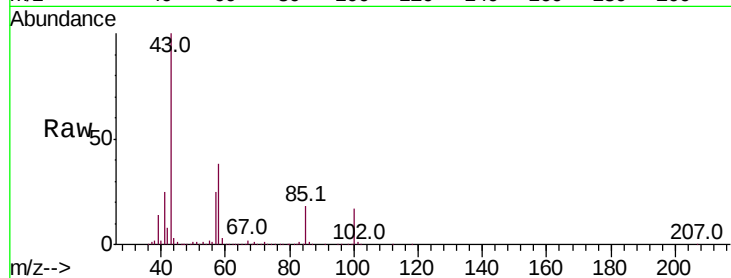
VX1012WBS01

Tot Ion: 43 Resp: 350609

Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3



#52

Toluene

Concen: 18.518 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018900.D

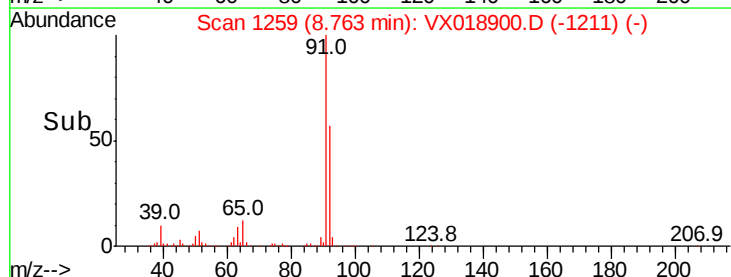
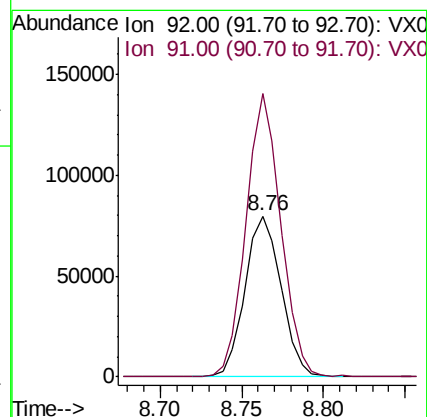
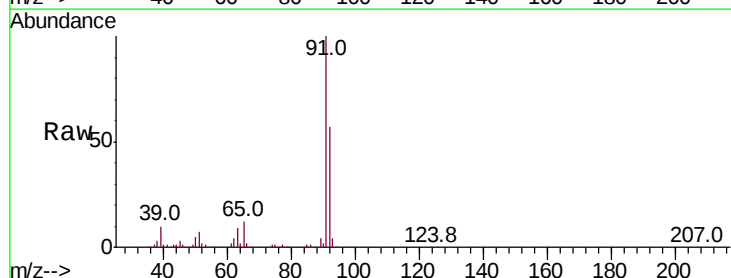
Acq: 12 Oct 2020 14:05

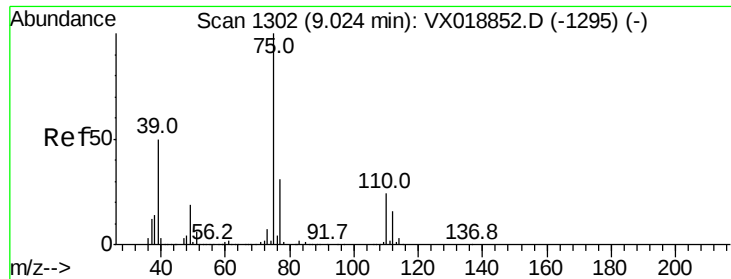
Tgt Ion: 92 Resp: 123561

Ion Ratio Lower Upper

92 100

91 169.3 138.2 207.4

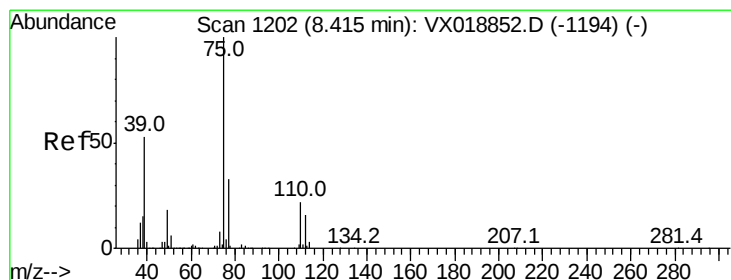
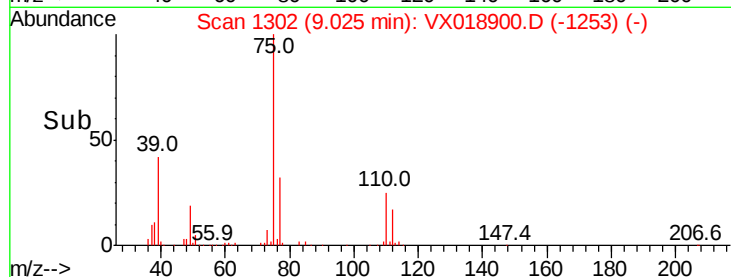
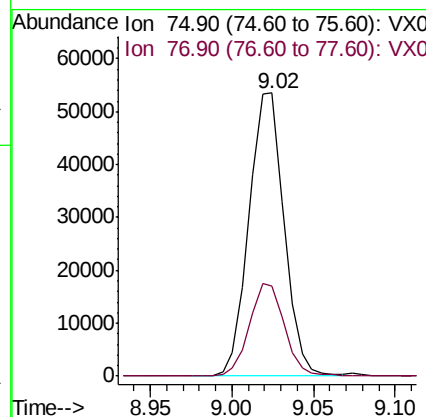
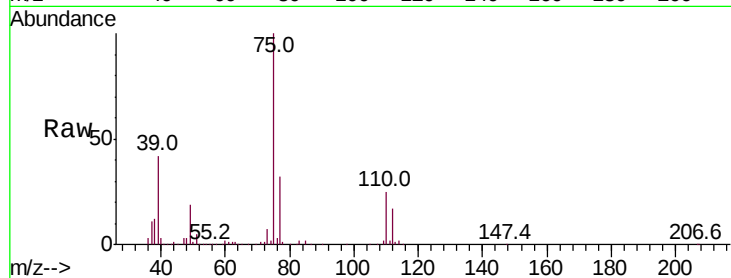




#53
 t-1,3-Dichloropropene
 Concen: 17.667 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

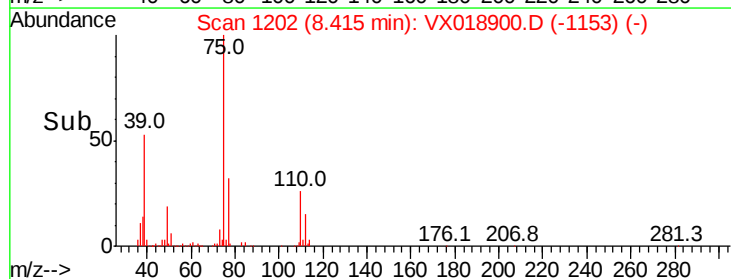
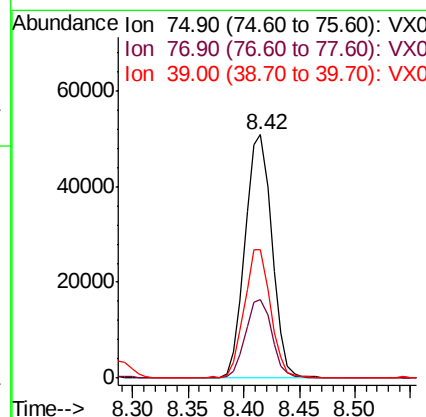
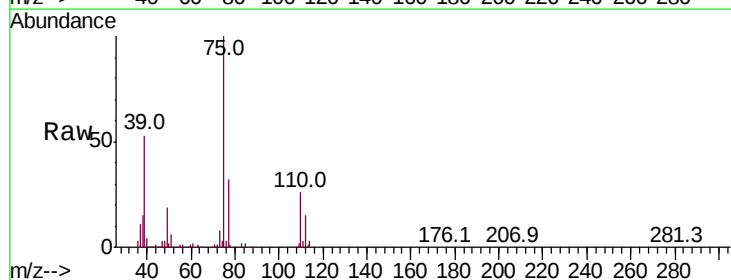
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

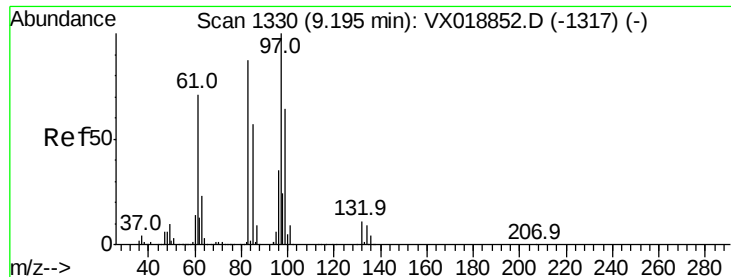
Tot Ion: 75 Resp: 80596
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.244 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018900.D
 Acq: 12 Oct 2020 14:05

Tgt Ion: 75 Resp: 85618
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.6 39.8
 39 52.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 17.772 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

Tot Ion: 97 Resp: 50937

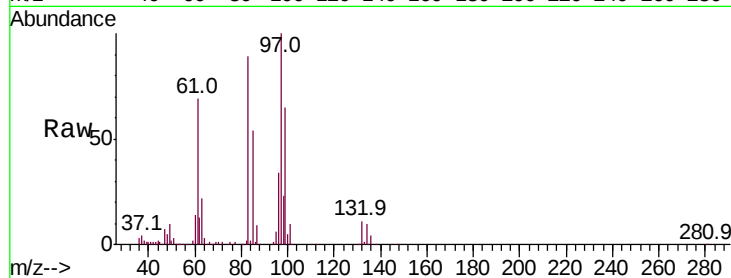
Ion Ratio Lower Upper

97 100

83 88.8 69.3 103.9

85 54.4 45.3 67.9

99 64.7 51.0 76.6

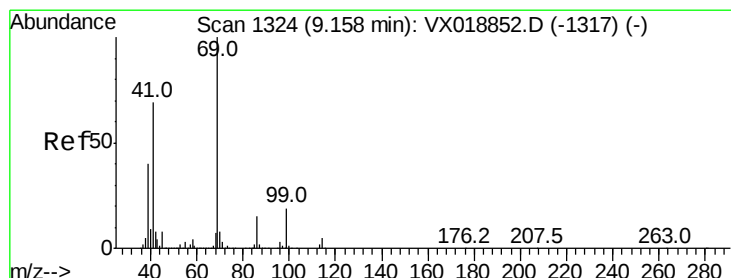
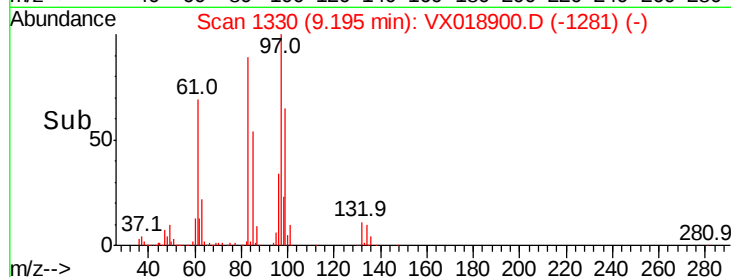
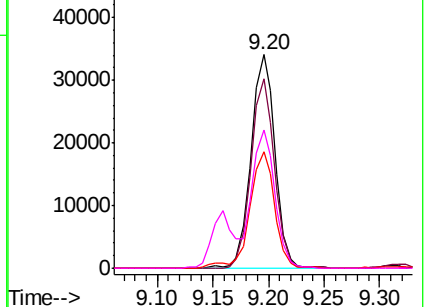


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.828 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

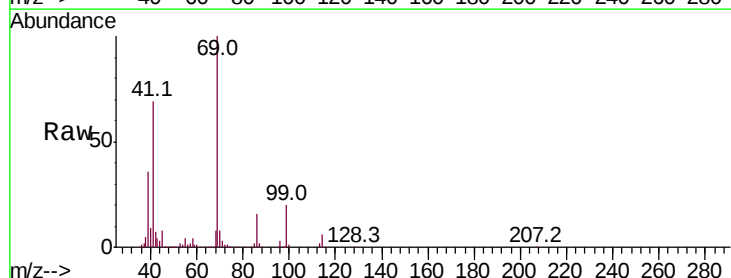
Tgt Ion: 69 Resp: 66197

Ion Ratio Lower Upper

69 100

41 69.6 54.6 81.8

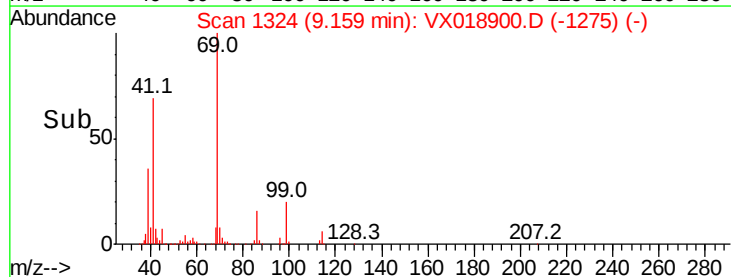
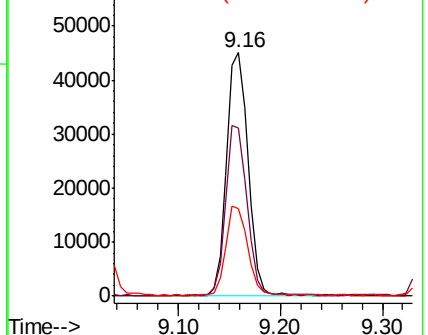
39 36.3 31.5 47.3

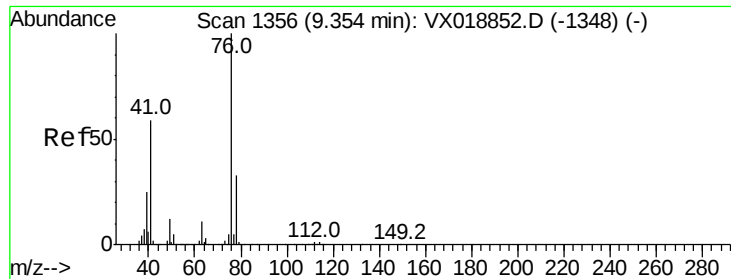


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.077 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

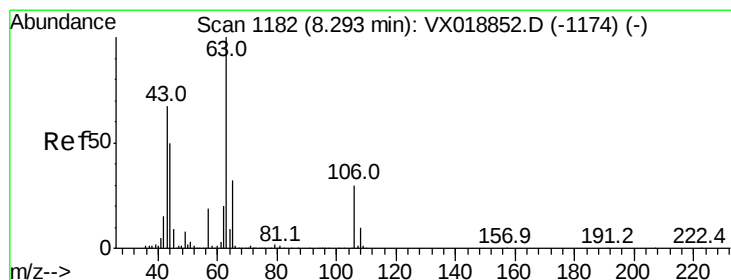
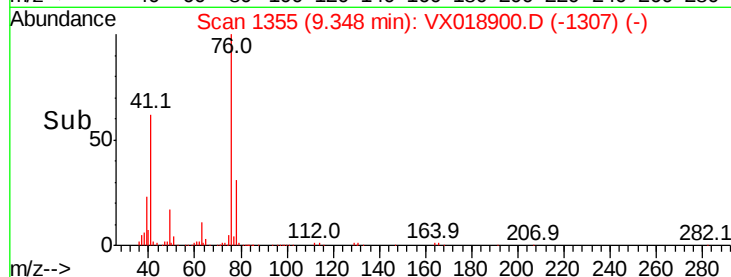
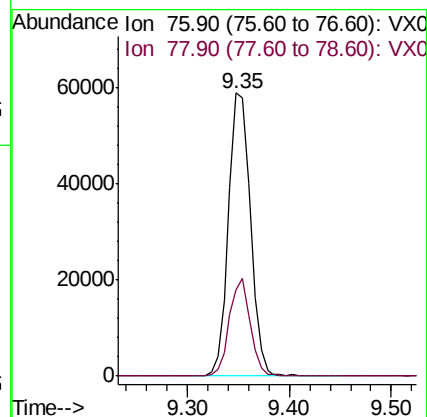
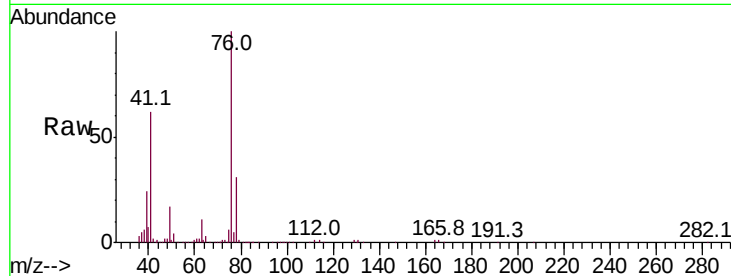
VX1012WBS01

Tot Ion: 76 Resp: 88719

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.746 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018900.D

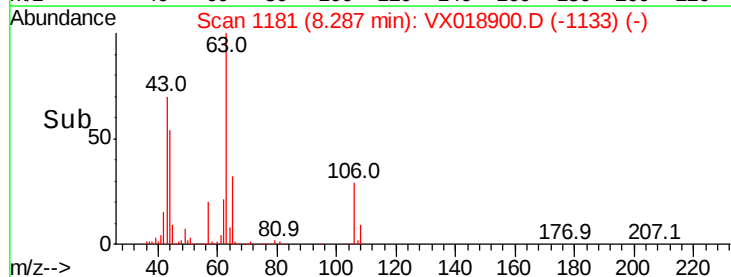
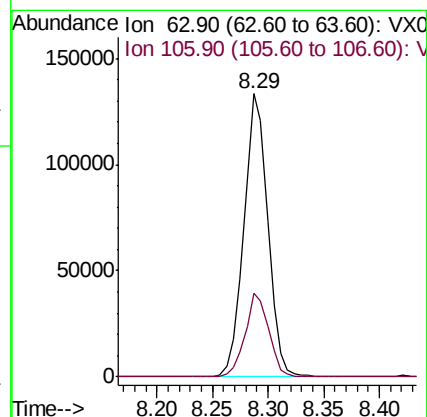
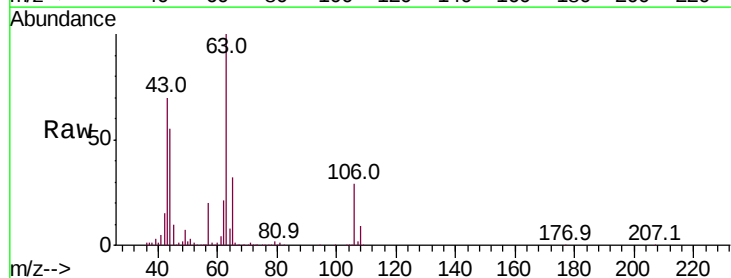
Acq: 12 Oct 2020 14:05

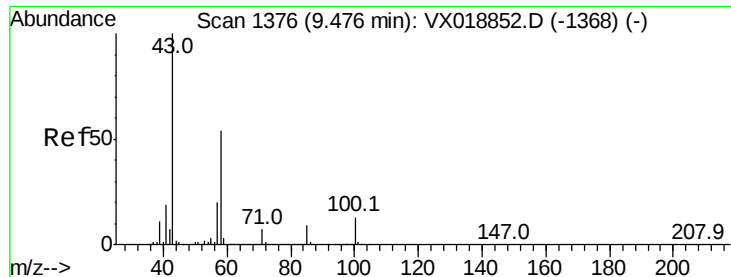
Tgt Ion: 63 Resp: 198546

Ion Ratio Lower Upper

63 100

106 29.1 24.2 36.4

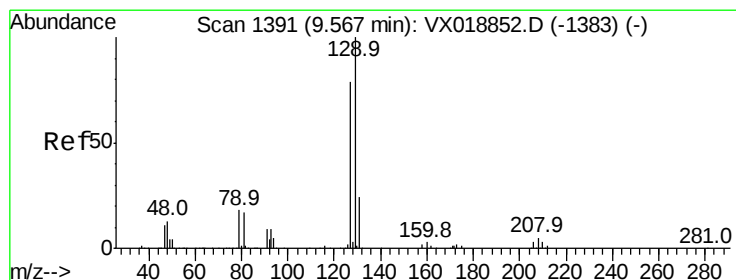
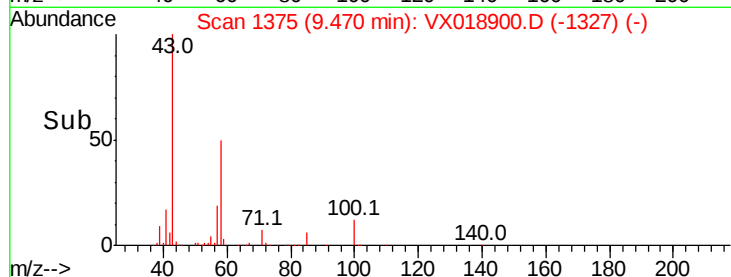
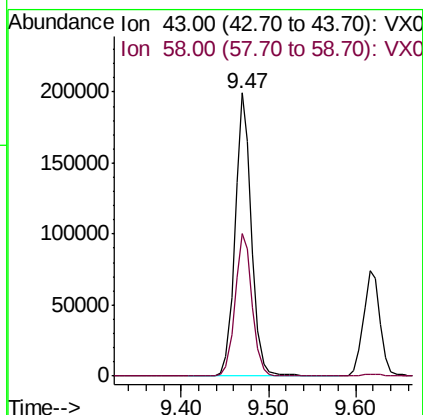
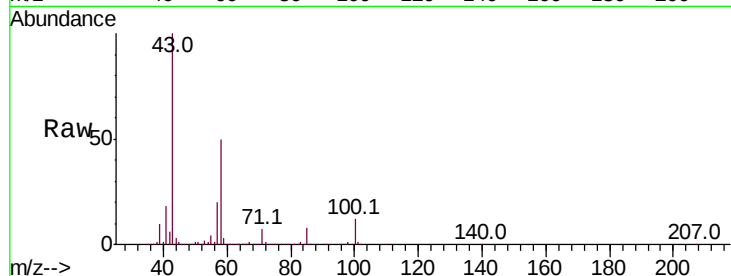




#59
2-Hexanone
Concen: 94.535 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

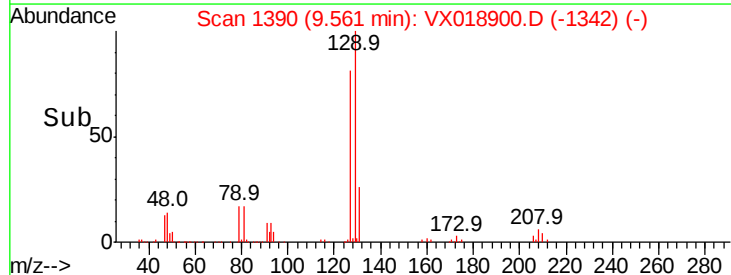
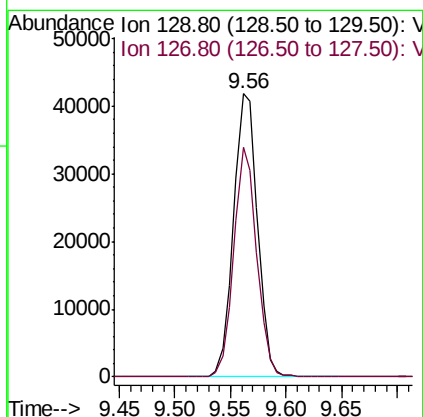
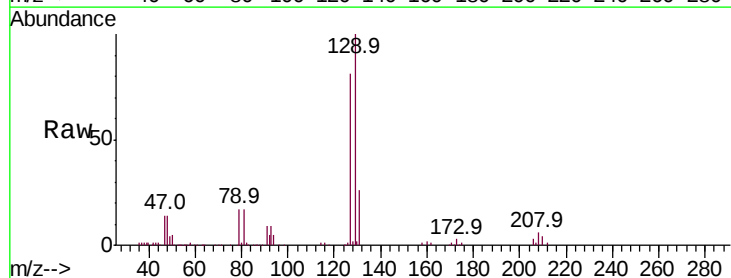
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

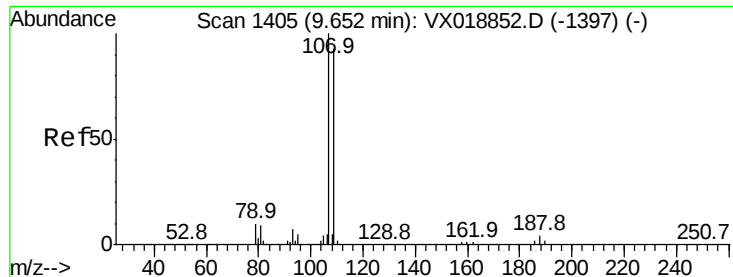
Tot Ion: 43 Resp: 261104
Ion Ratio Lower Upper
43 100
58 52.1 26.7 80.1



#60
Dibromochloromethane
Concen: 17.333 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 129 Resp: 62361
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.5





#61

1,2-Dibromoethane

Concen: 17.959 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

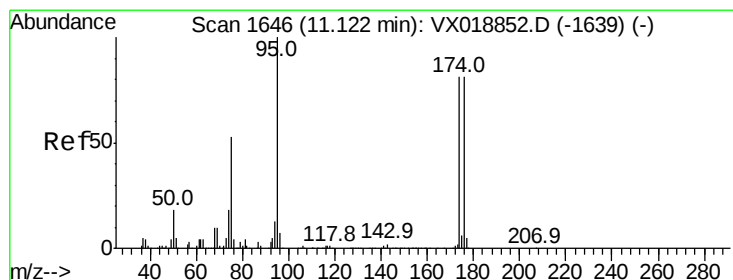
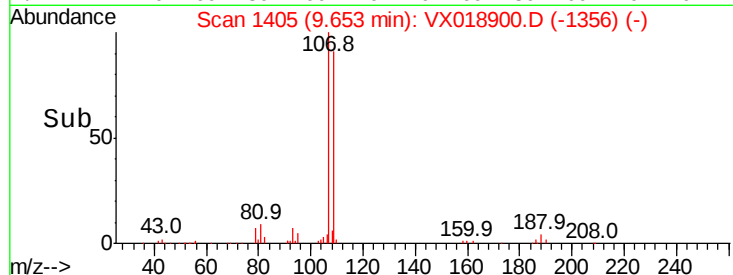
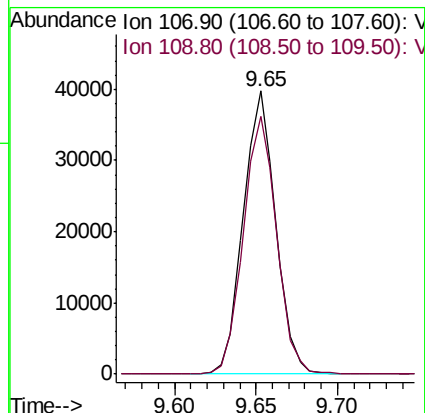
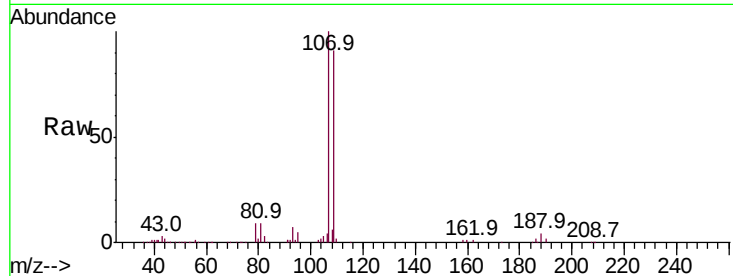
VX1012WBS01

Tot Ion:107 Resp: 55197

Ion Ratio Lower Upper

107 100

109 93.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.843 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

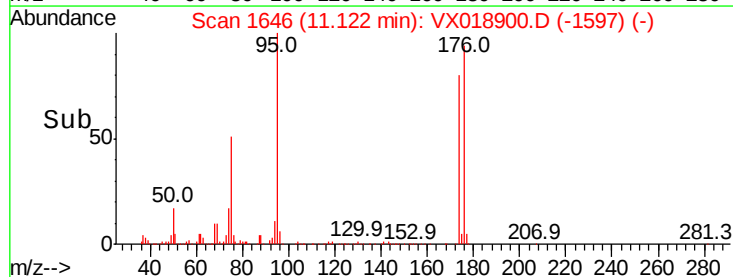
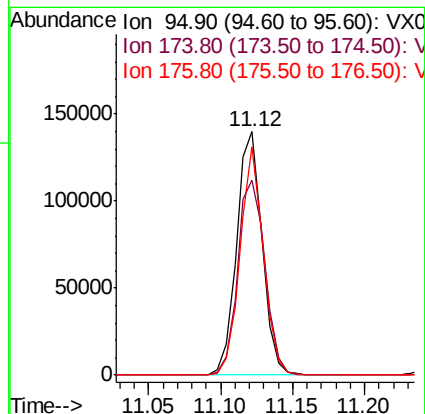
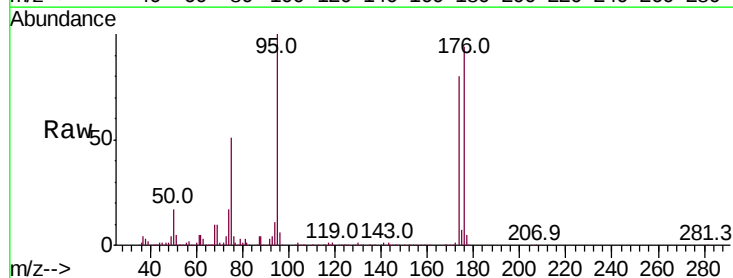
Tgt Ion: 95 Resp: 173512

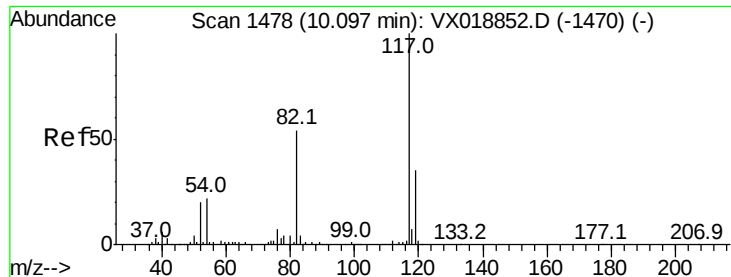
Ion Ratio Lower Upper

95 100

174 85.5 0.0 160.0

176 85.6 0.0 161.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

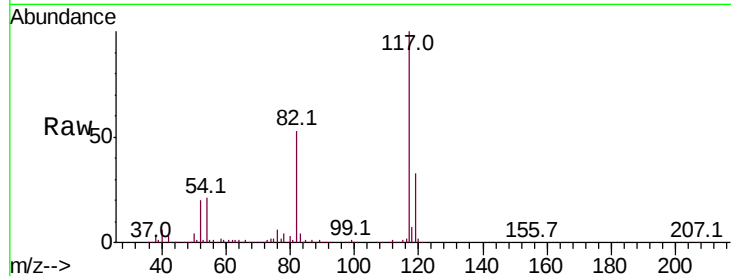
Tot Ion:117 Resp: 355190

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.2

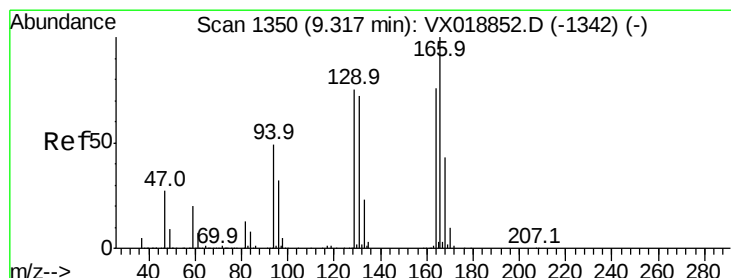
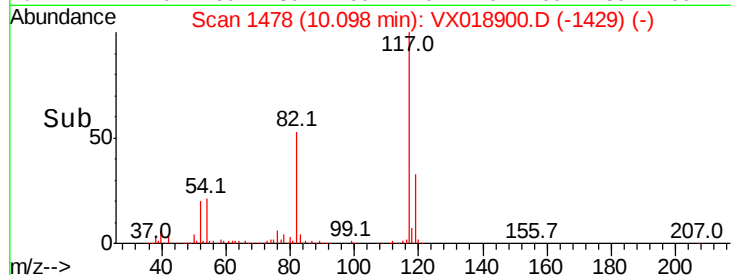
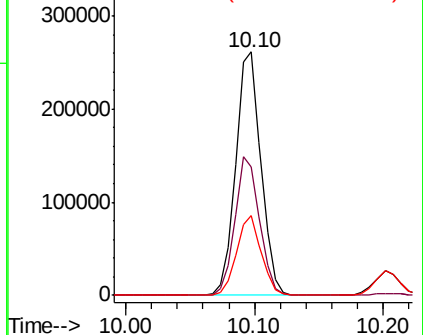
119 32.6 28.3 42.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.321 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Tgt Ion:164 Resp: 51996

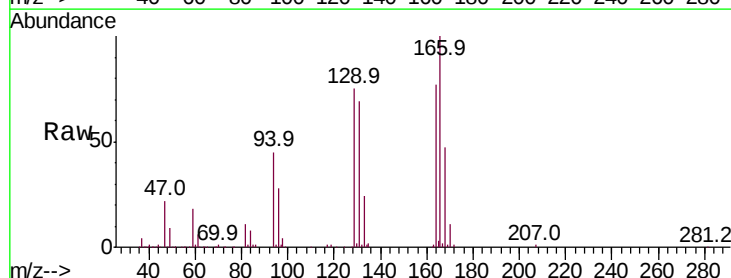
Ion Ratio Lower Upper

164 100

166 129.5 105.4 158.0

129 97.0 79.0 118.6

131 89.5 75.7 113.5

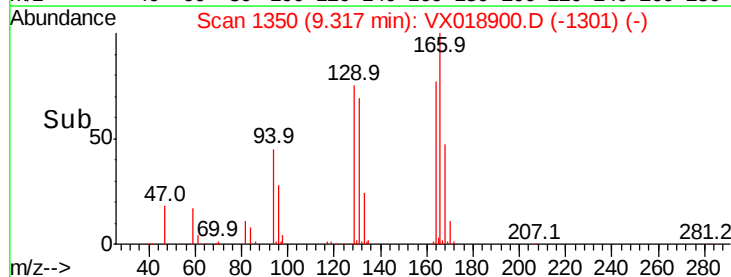
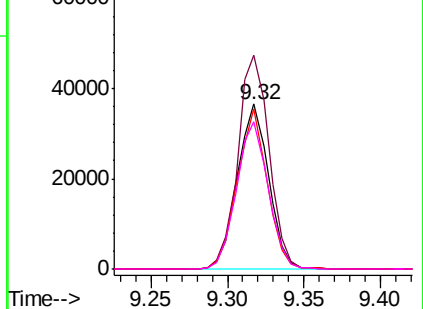


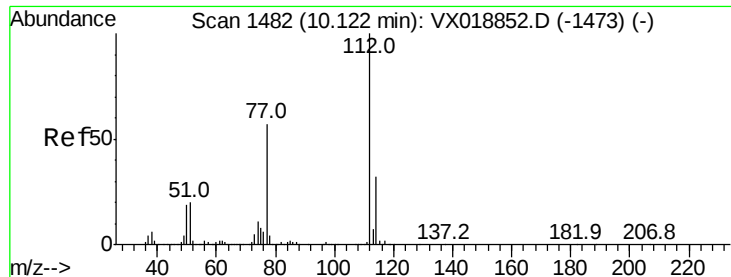
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

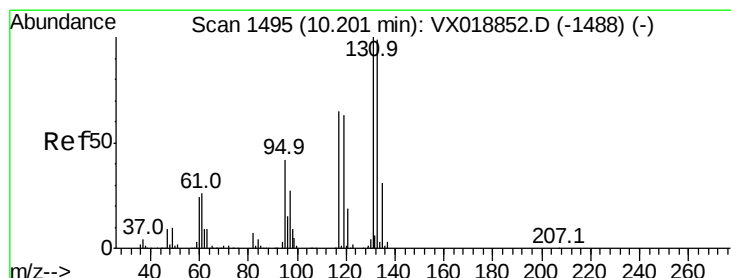
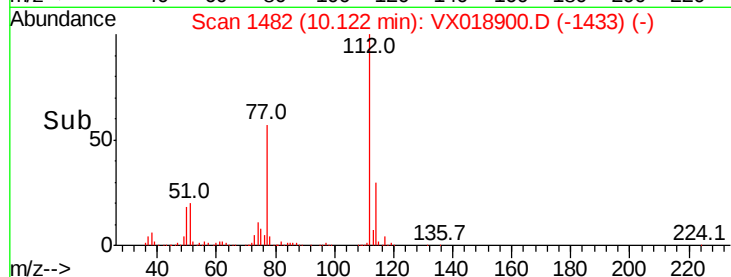
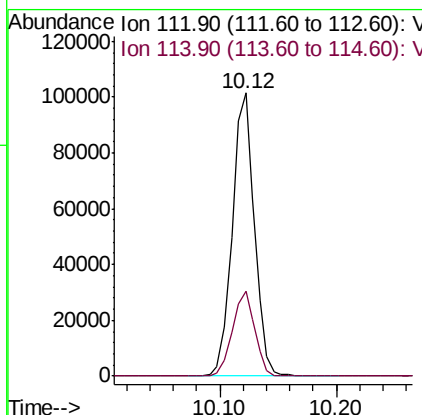
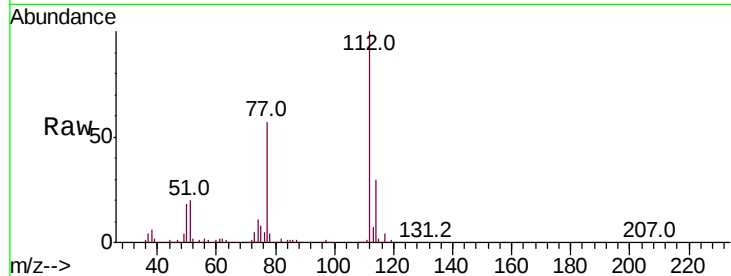




#65
Chlorobenzene
Concen: 17.436 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

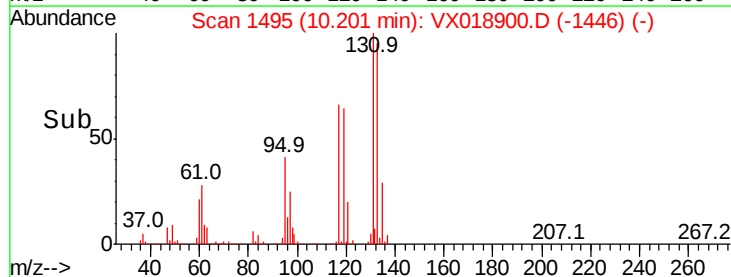
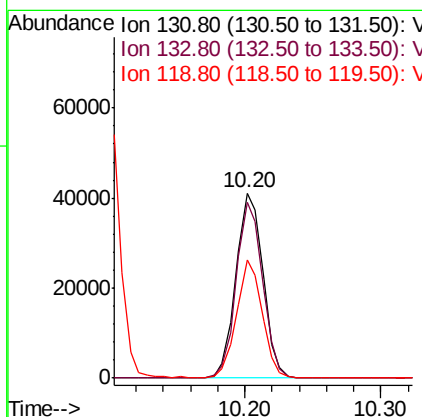
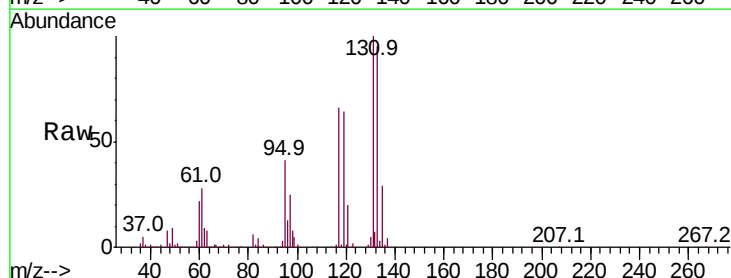
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

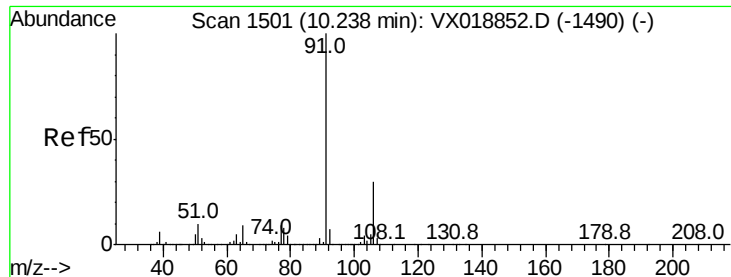
Tot Ion:112 Resp: 133837
Ion Ratio Lower Upper
112 100
114 29.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.945 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion:131 Resp: 56825
Ion Ratio Lower Upper
131 100
133 92.9 48.6 145.8
119 60.6 31.1 93.3





#67

Ethyl Benzene

Concen: 17.475 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

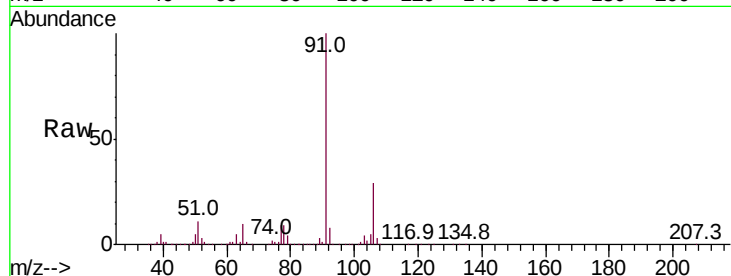
VX1012WBS01

Tot Ion: 91 Resp: 226282

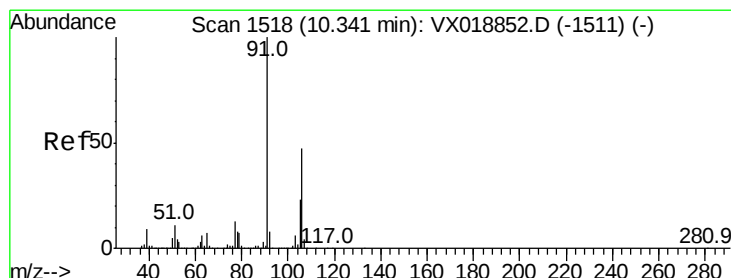
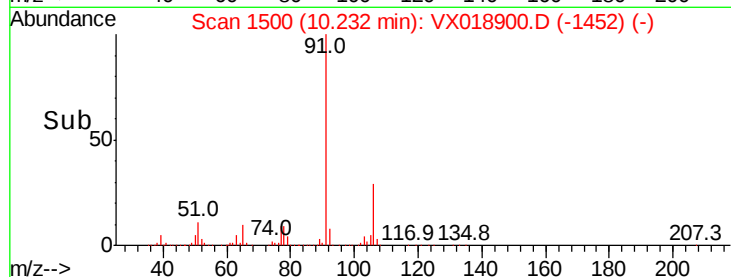
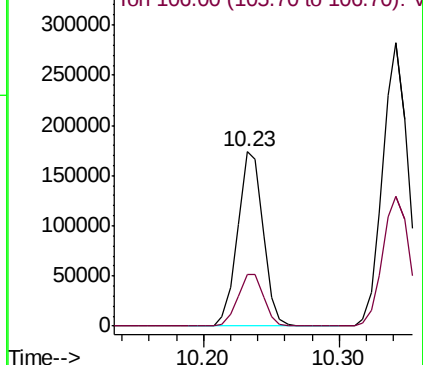
Ion Ratio Lower Upper

91 100

106 29.5 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1490) (-)



#68

m/p-Xylenes

Concen: 36.142 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018900.D

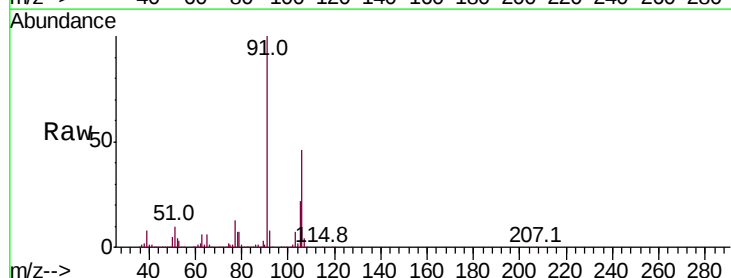
Acq: 12 Oct 2020 14:05

Tgt Ion: 106 Resp: 177808

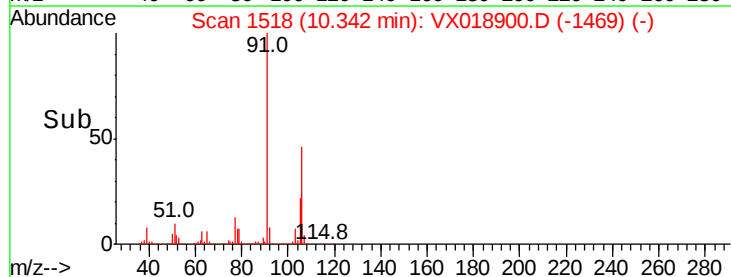
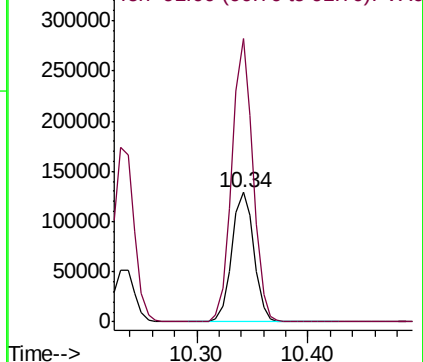
Ion Ratio Lower Upper

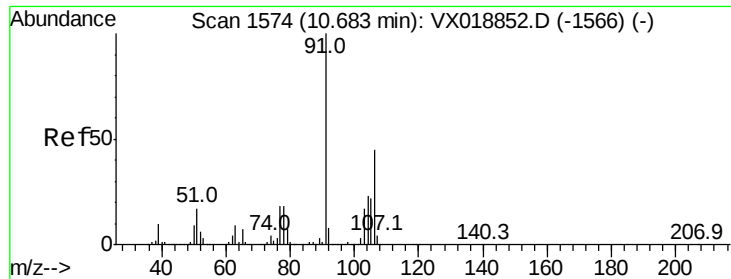
106 100

91 207.1 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): VX018852.D (-1511) (-)

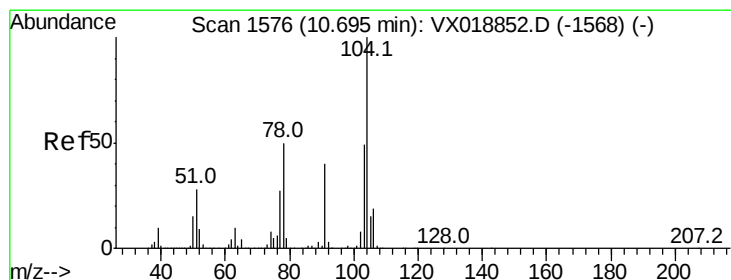
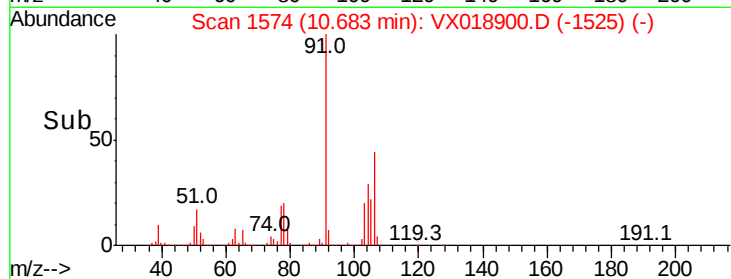
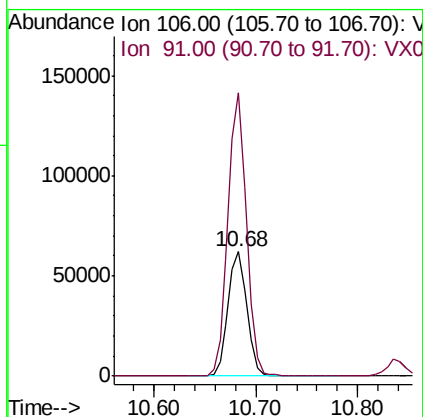
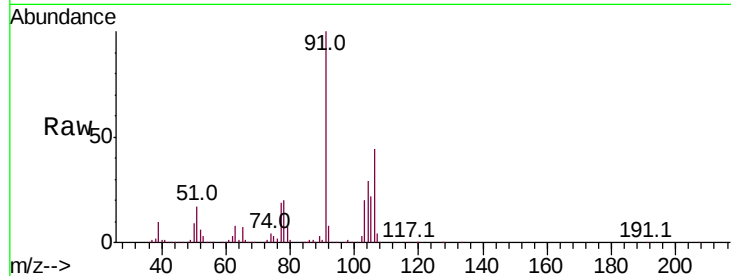




#69
o-Xylene
Concen: 17.129 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

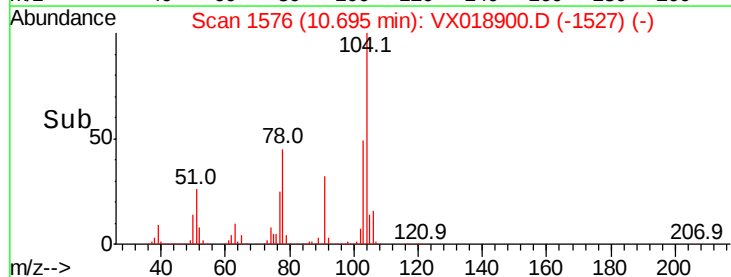
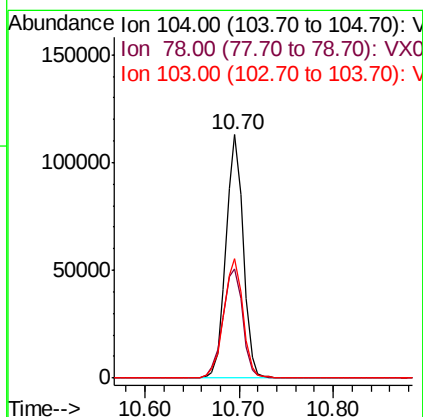
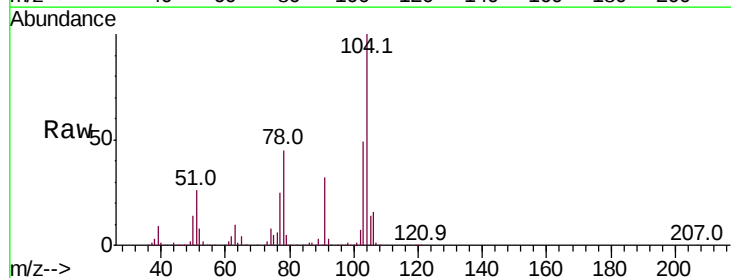
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

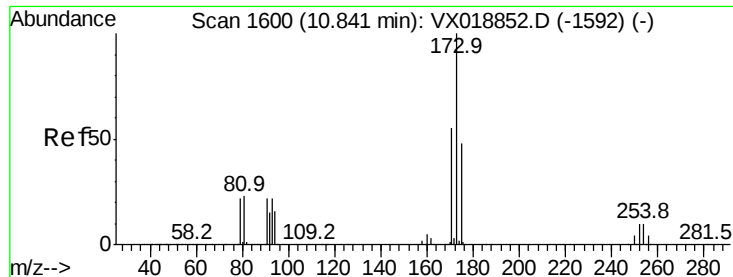
Tot Ion:106 Resp: 79397
Ion Ratio Lower Upper
106 100
91 223.8 109.9 329.6



#70
Styrene
Concen: 18.424 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion:104 Resp: 144577
Ion Ratio Lower Upper
104 100
78 51.7 43.5 65.3
103 53.9 43.3 64.9





#71

Bromoform

Concen: 17.512 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

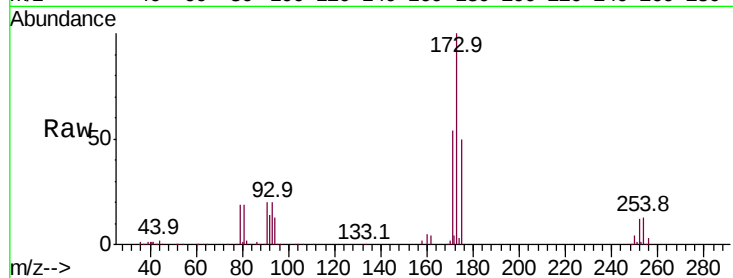
Tot Ion:173 Resp: 47966

Ion Ratio Lower Upper

173 100

175 48.2 23.4 70.0

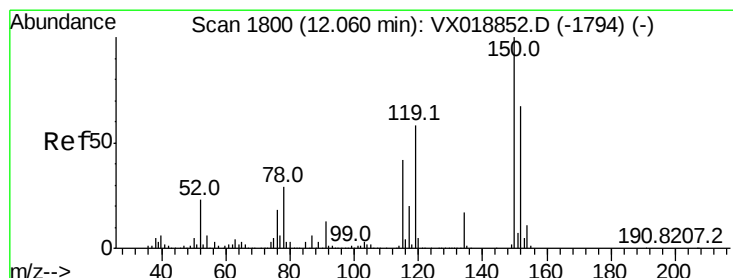
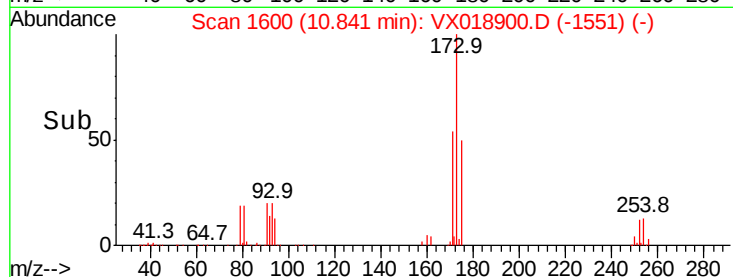
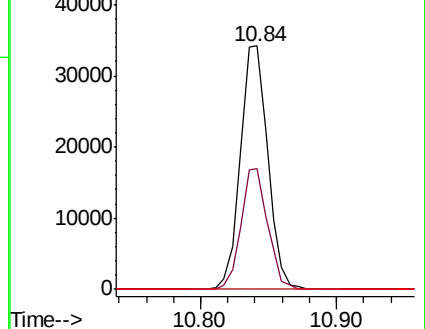
254 0.3 0.0 0.0#



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: VX018900.D

Acq: 12 Oct 2020 14:05

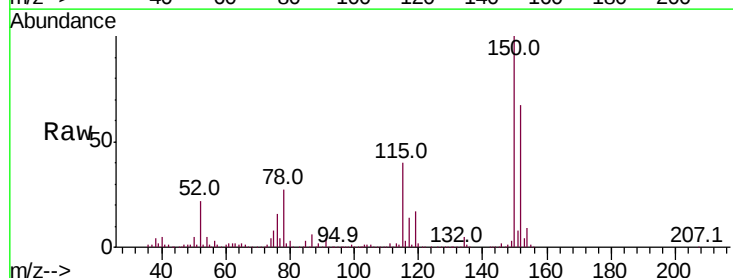
Tgt Ion:152 Resp: 201079

Ion Ratio Lower Upper

152 100

115 66.6 41.8 125.4

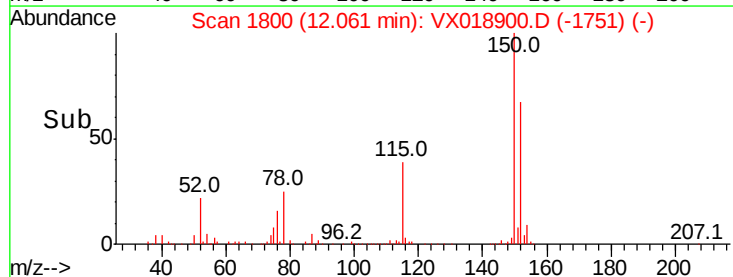
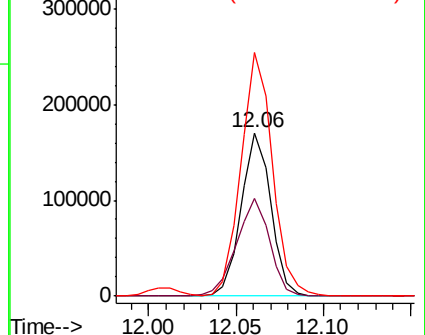
150 157.8 0.0 347.6

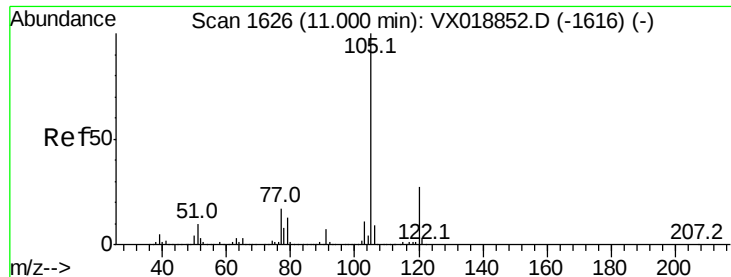


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.497 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

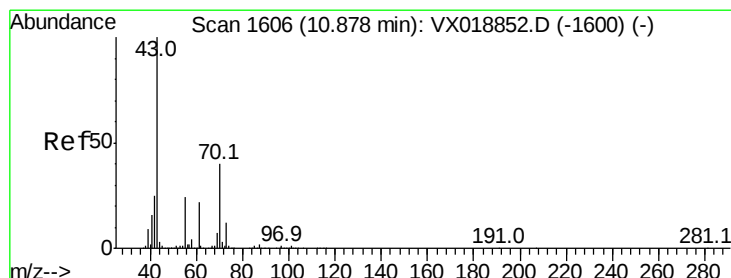
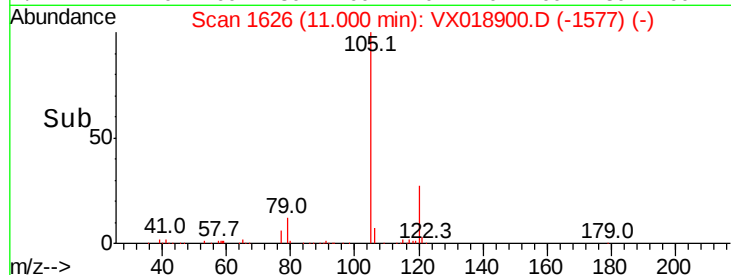
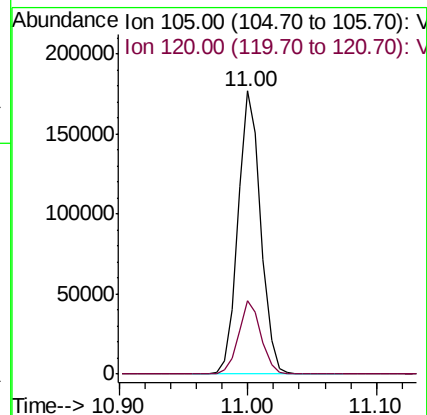
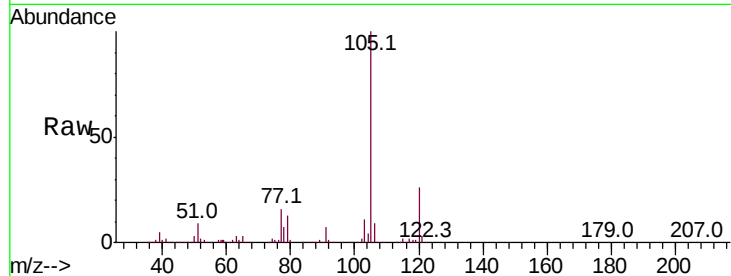
VX1012WBS01

Tot Ion:105 Resp: 216994

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.8



#74

N-ethyl acetate

Concen: 17.423 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Tgt Ion: 43 Resp: 90670

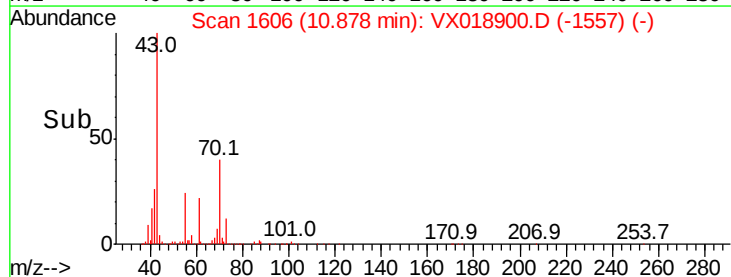
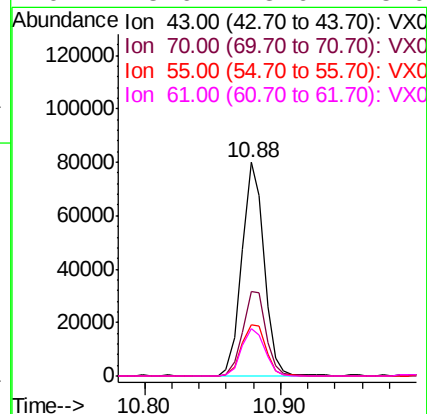
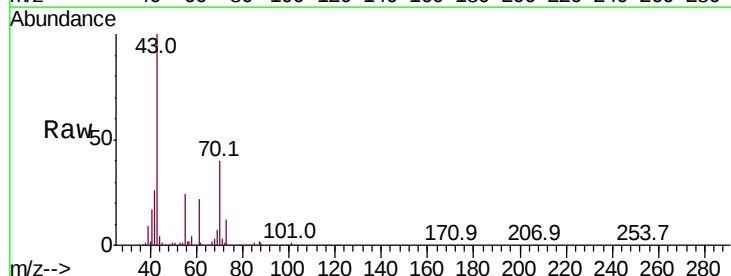
Ion Ratio Lower Upper

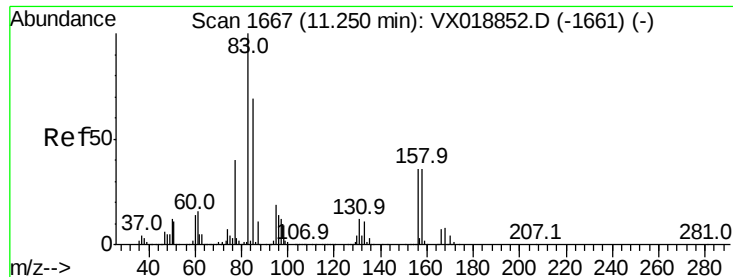
43 100

70 41.5 33.7 50.5

55 26.6 19.8 29.8

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.252 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampled :

VX1012WBS01

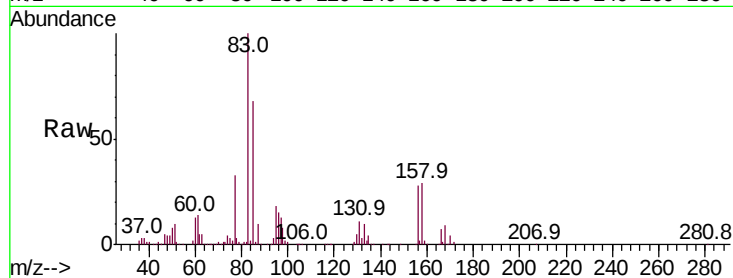
Tot Ion: 83 Resp: 71249

Ion Ratio Lower Upper

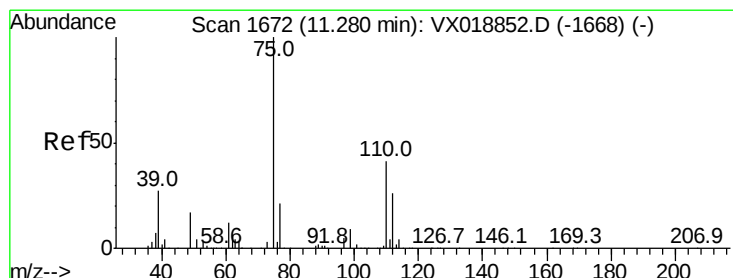
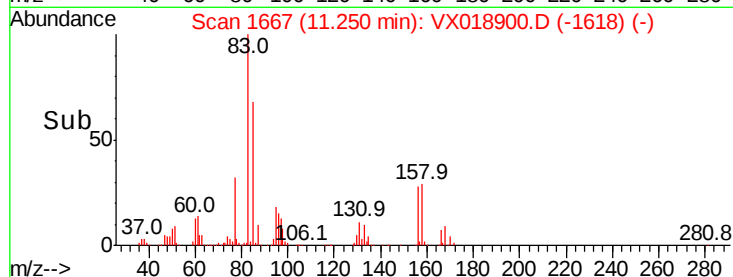
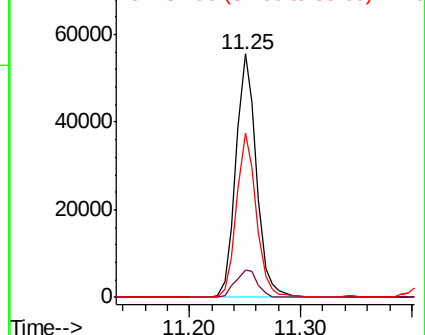
83 100

131 12.1 5.9 17.8

85 65.2 33.0 98.9



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: 20.174 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018900.D

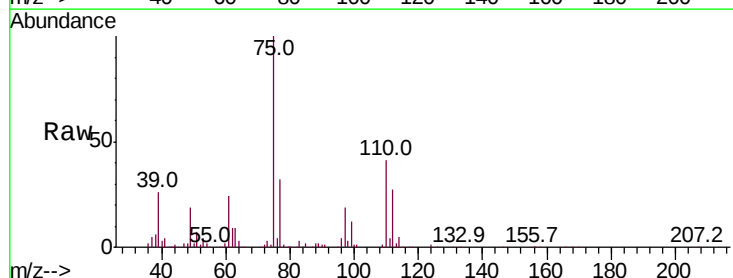
Acq: 12 Oct 2020 14:05

Tgt Ion: 75 Resp: 87405

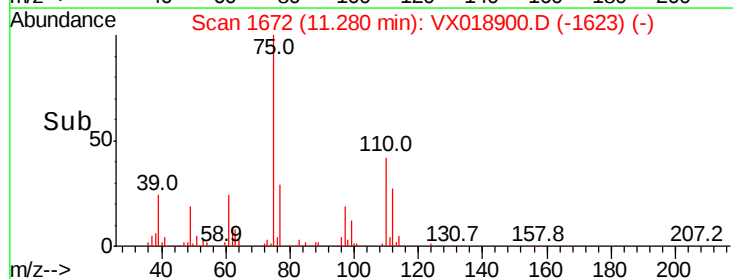
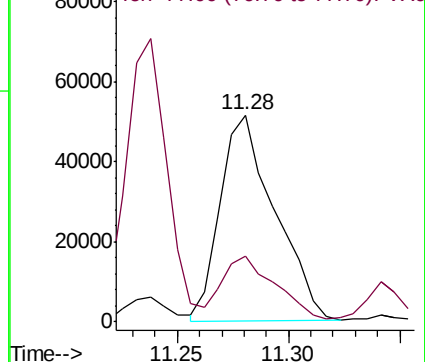
Ion Ratio Lower Upper

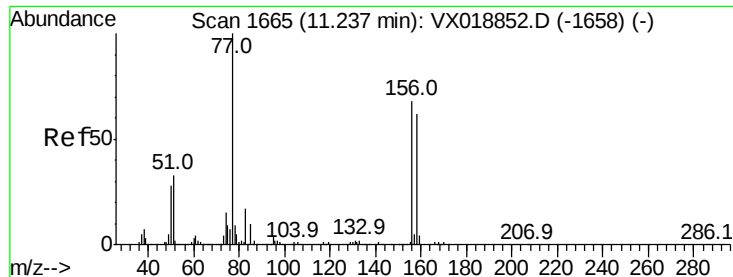
75 100

77 31.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.605 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

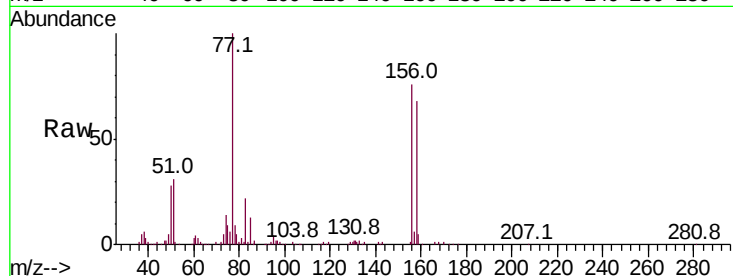
Tot Ion:156 Resp: 63610

Ion Ratio Lower Upper

156 100

77 143.8 76.0 228.1

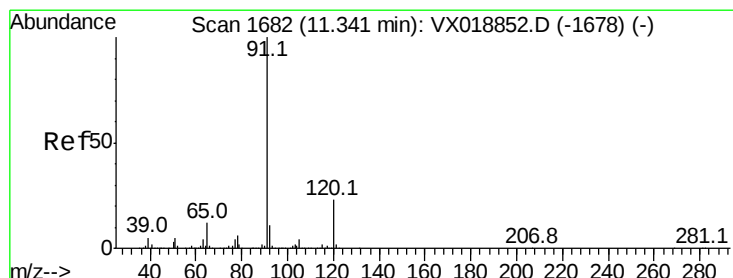
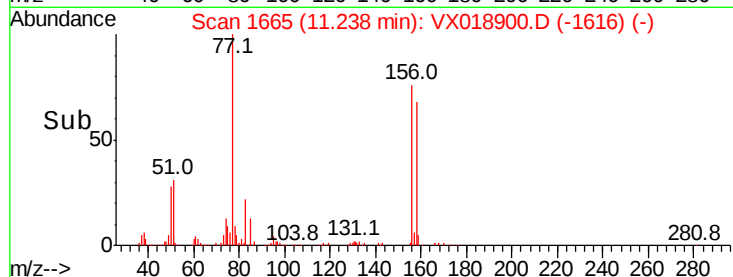
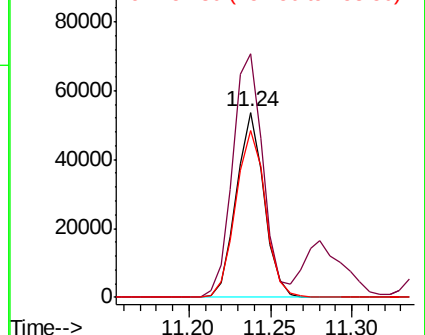
158 96.4 47.2 141.6



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: 16.767 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018900.D

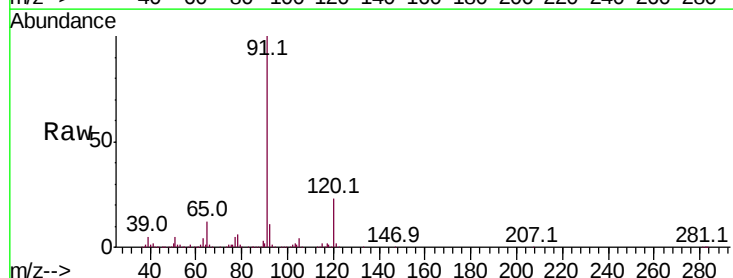
Acq: 12 Oct 2020 14:05

Tgt Ion: 91 Resp: 251306

Ion Ratio Lower Upper

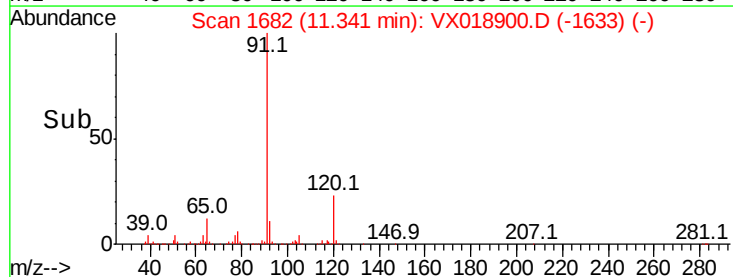
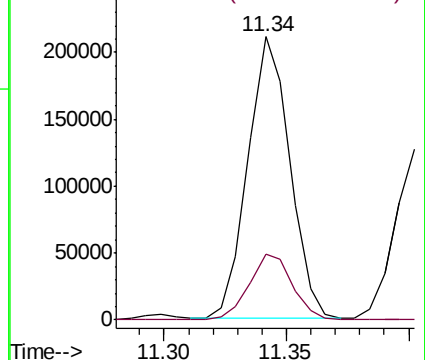
91 100

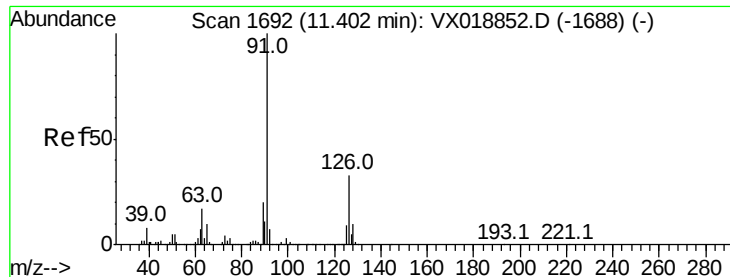
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.985 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

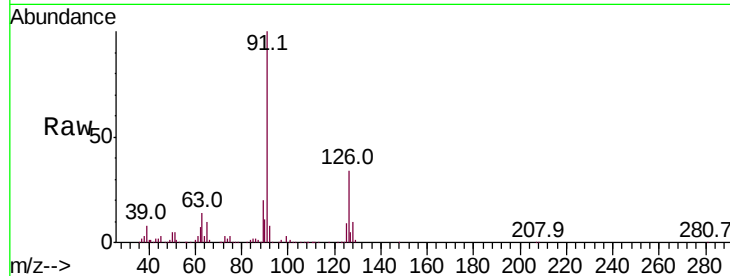
VX1012WBS01

Tot Ion: 91 Resp: 158694

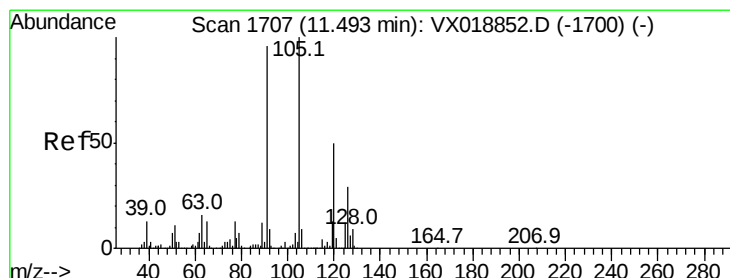
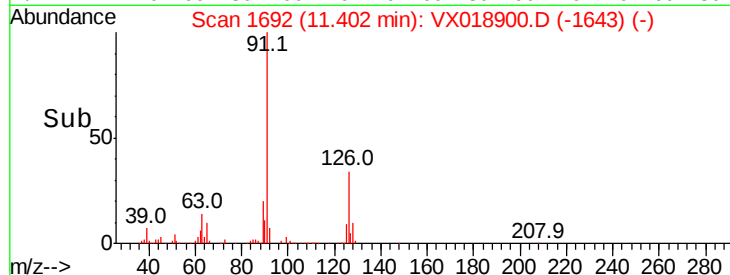
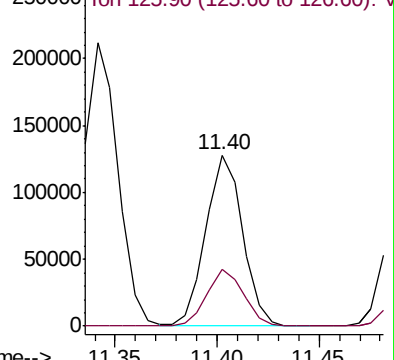
Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.507 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018900.D

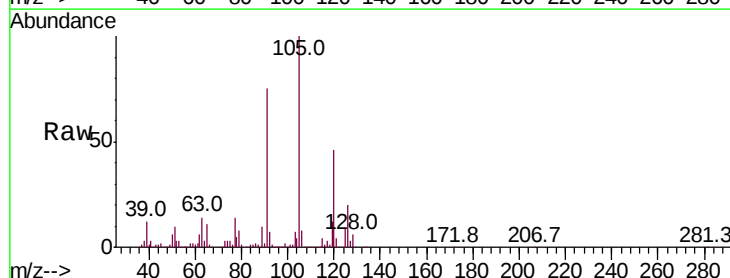
Acq: 12 Oct 2020 14:05

Tgt Ion: 105 Resp: 196976

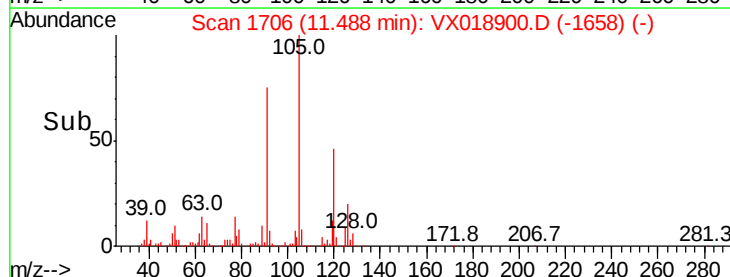
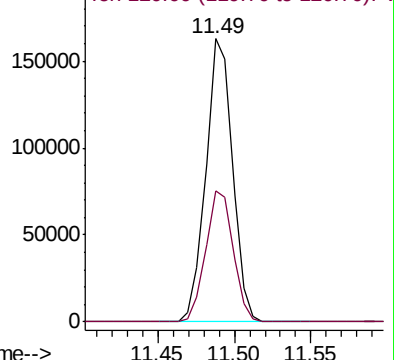
Ion Ratio Lower Upper

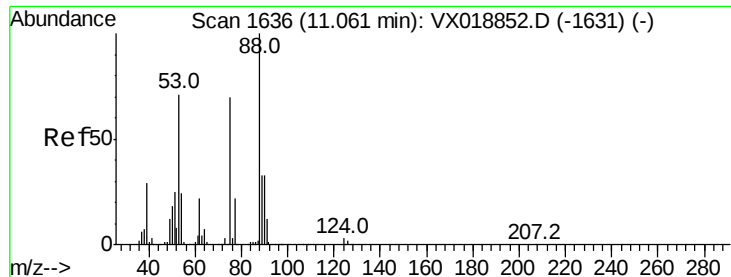
105 100

120 47.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.372 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

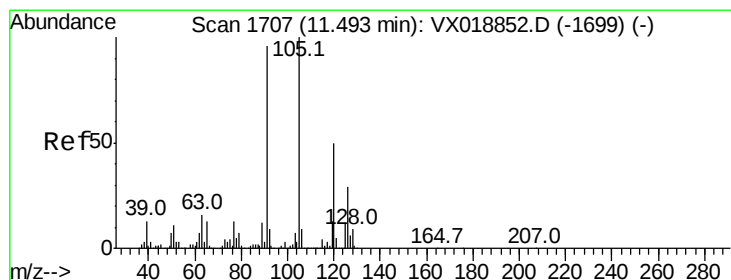
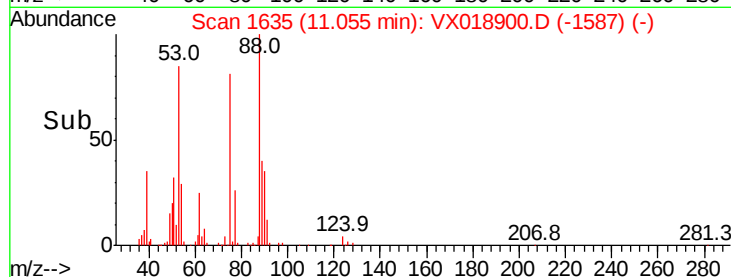
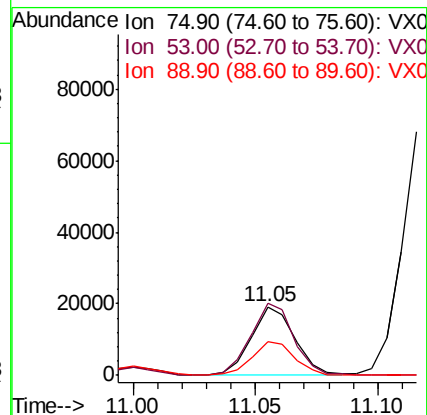
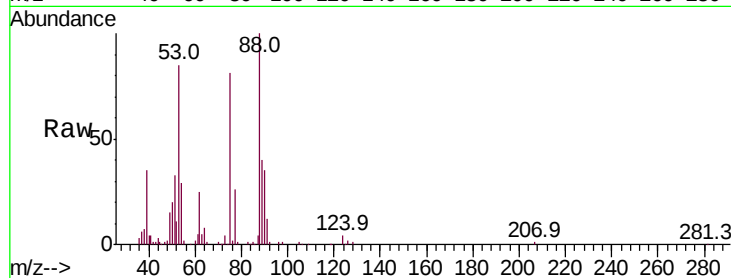
Tot Ion: 75 Resp: 23501

Ion Ratio Lower Upper

75 100

53 104.7 85.0 127.4

89 49.5 39.0 58.4



#82

4-Chlorotoluene

Concen: 17.523 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018900.D

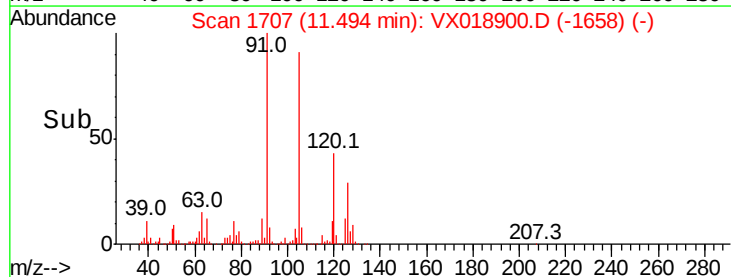
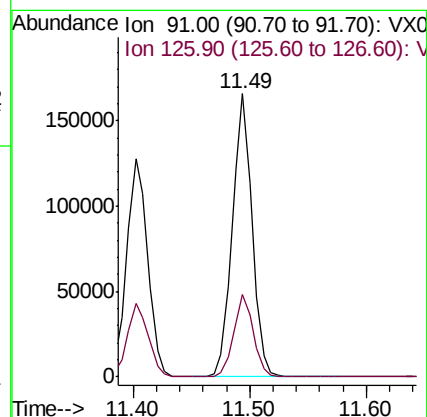
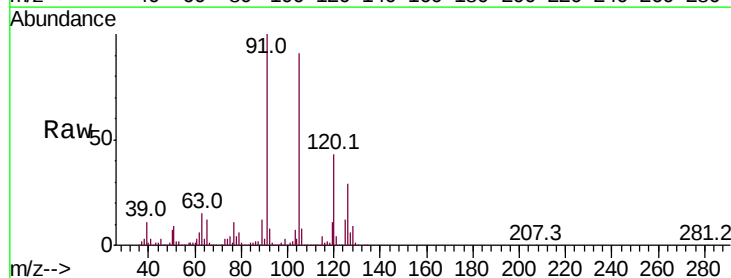
Acq: 12 Oct 2020 14:05

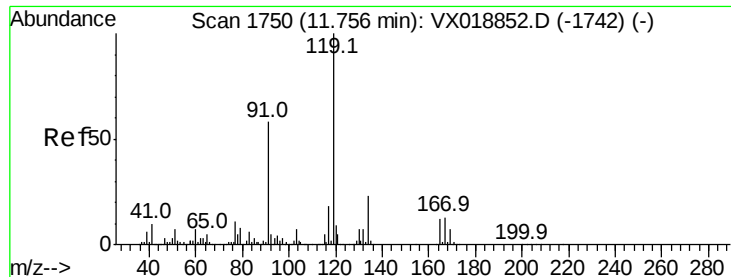
Tgt Ion: 91 Resp: 194669

Ion Ratio Lower Upper

91 100

126 29.1 14.9 44.7





#83

tert-Butylbenzene

Concen: 16.317 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

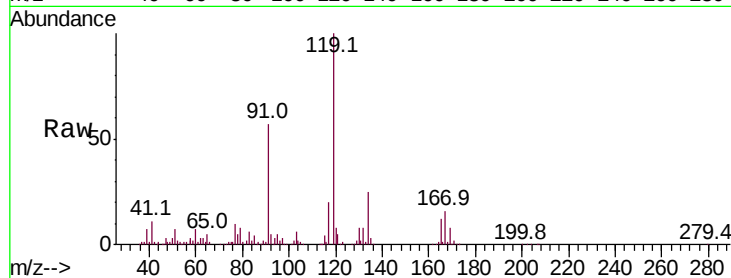
Tot Ion:119 Resp: 183858

Ion Ratio Lower Upper

119 100

91 56.0 28.6 85.9

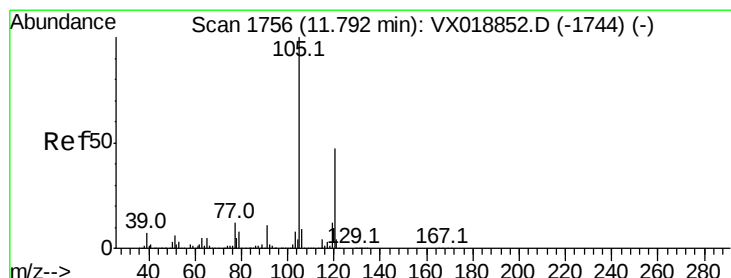
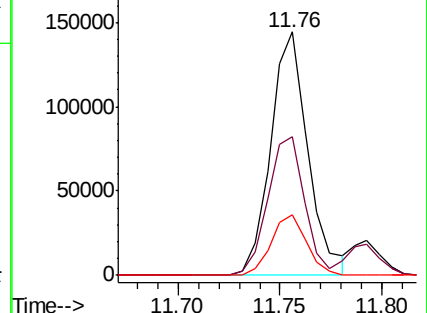
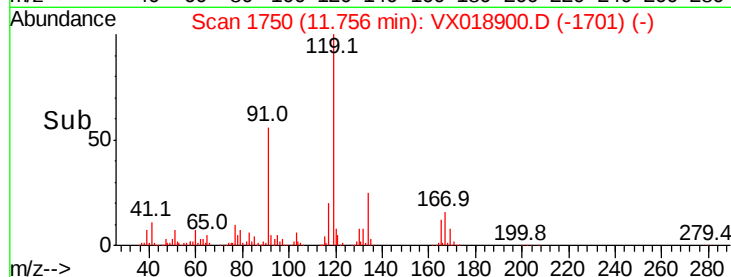
134 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.351 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018900.D

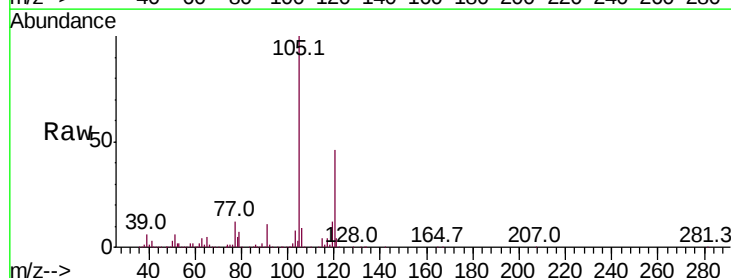
Acq: 12 Oct 2020 14:05

Tgt Ion:105 Resp: 198455

Ion Ratio Lower Upper

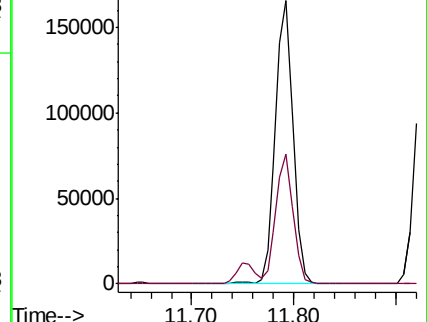
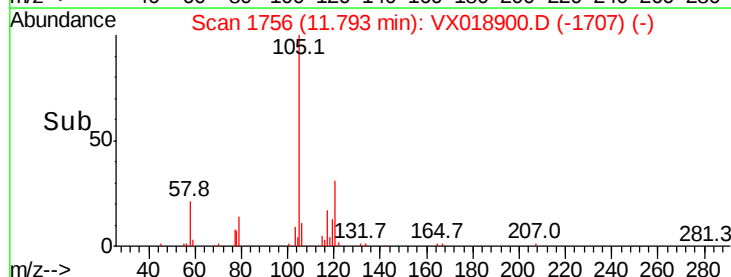
105 100

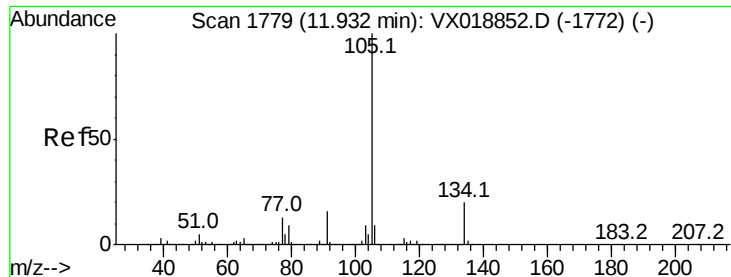
120 44.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 16.967 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

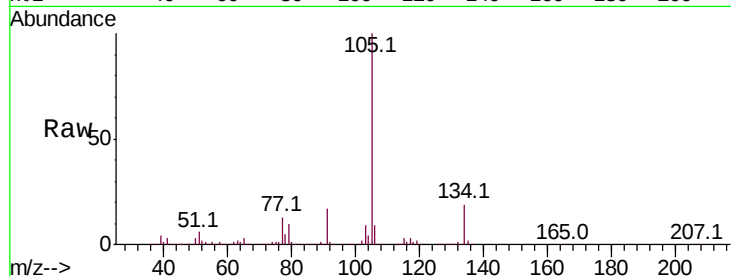
VX1012WBS01

Tot Ion:105 Resp: 215379

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

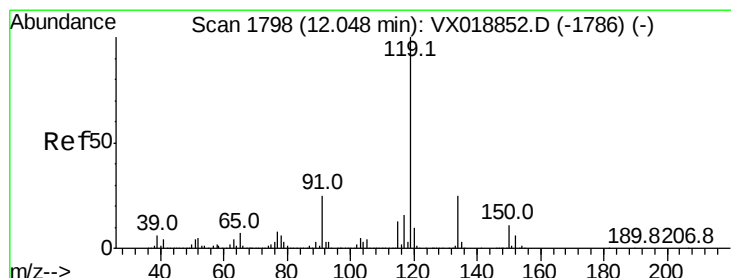
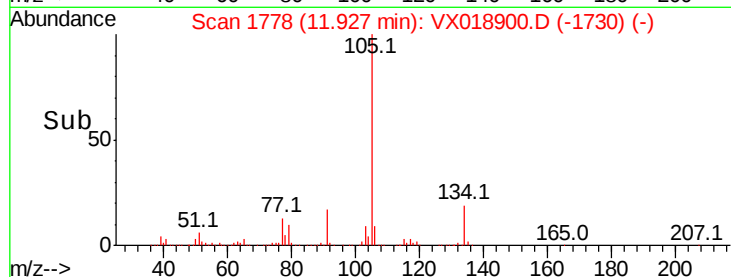
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 17.381 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

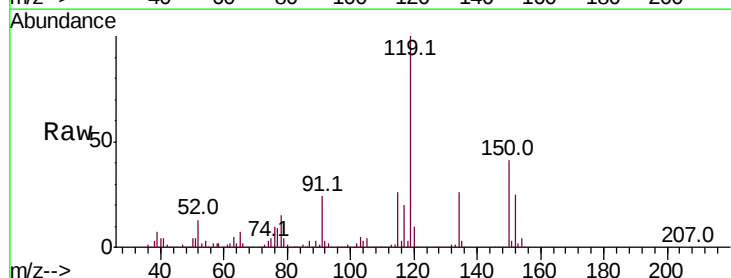
Tgt Ion:119 Resp: 209308

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

91 24.7 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

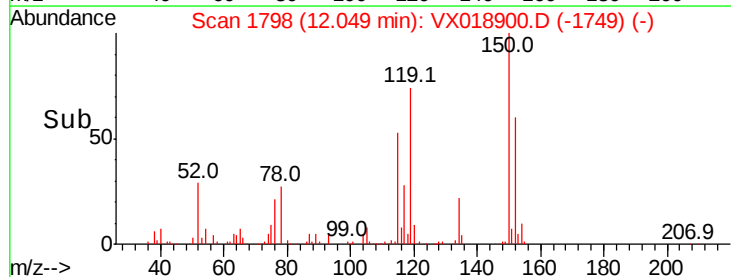
150000

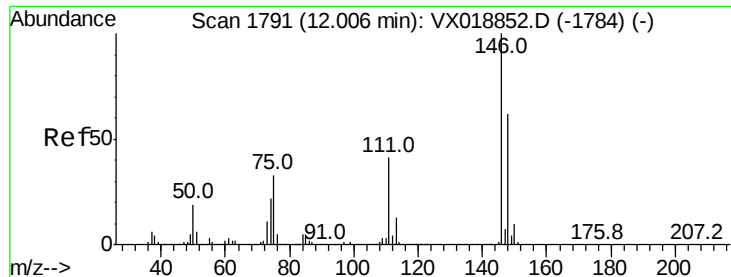
100000

50000

0

Time--> 11.90 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 17.520 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

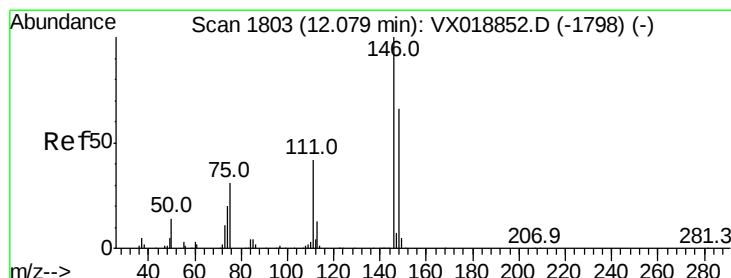
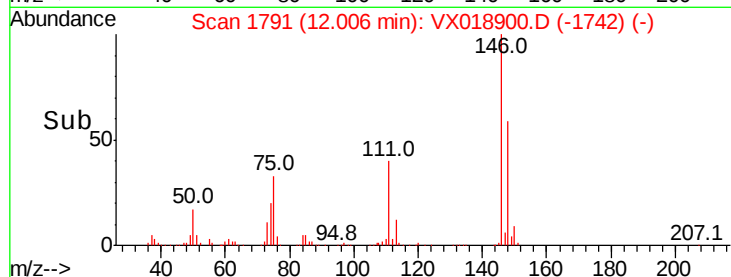
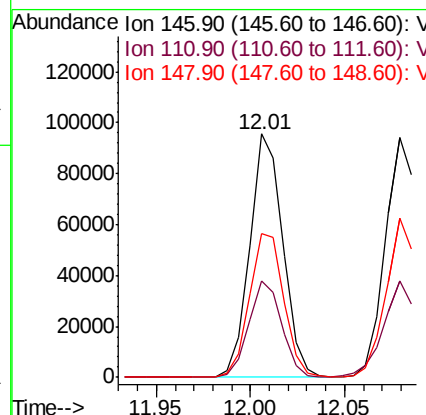
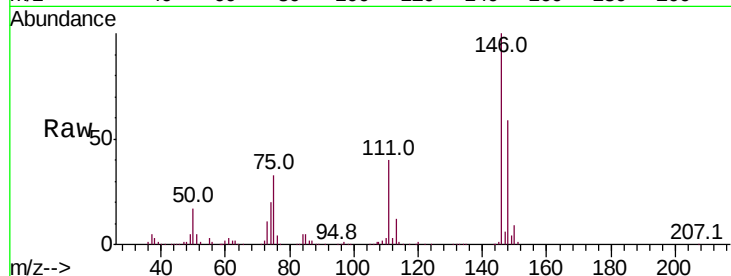
Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

Tot Ion:146 Resp: 116259

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	61.3	31.4	94.3



#88

1,4-Dichlorobenzene

Concen: 17.241 ug/l

RT: 12.08 min Scan# 1803

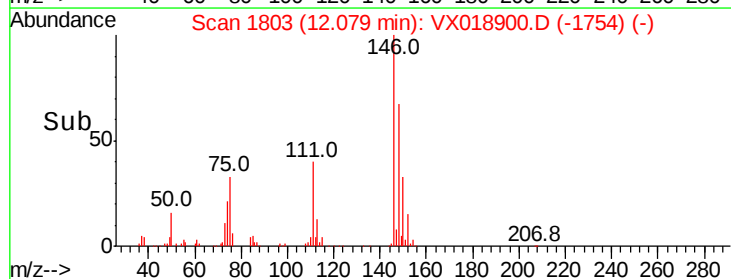
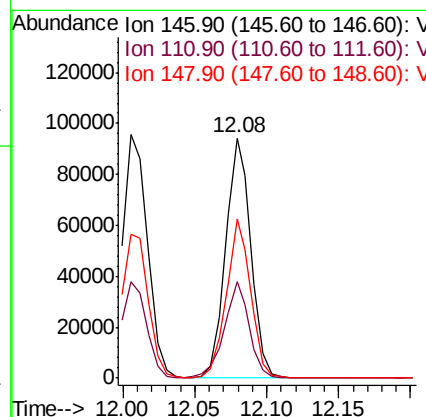
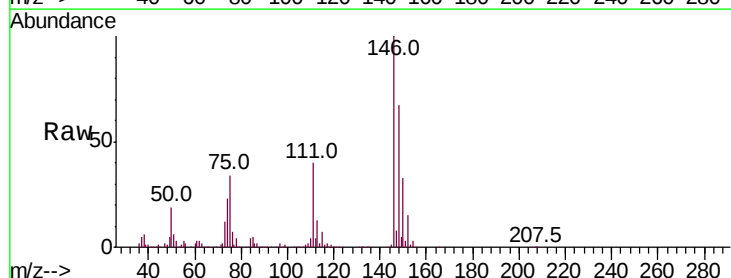
Delta R.T. 0.00 min

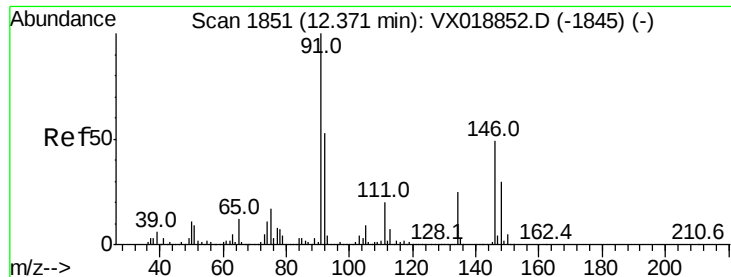
Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Tgt Ion:146 Resp: 115890

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.5	61.5
148	64.8	32.2	96.6

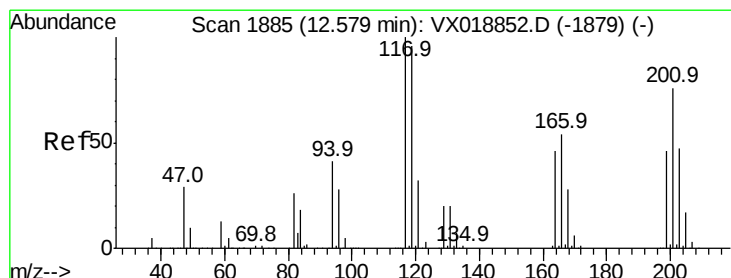
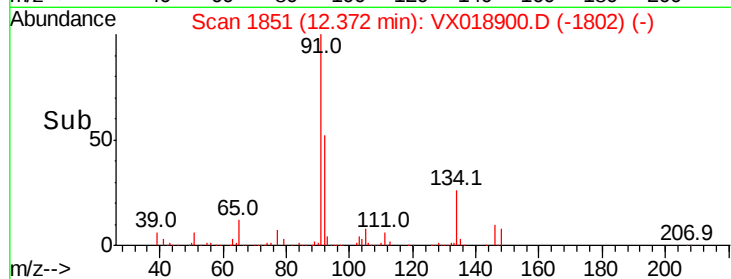
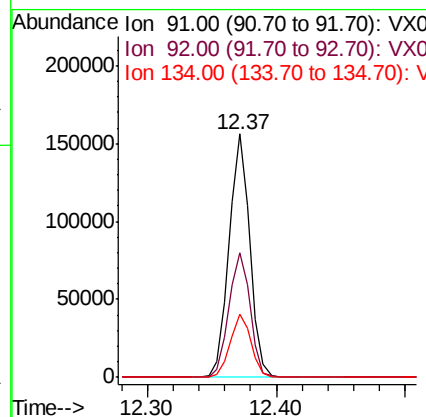
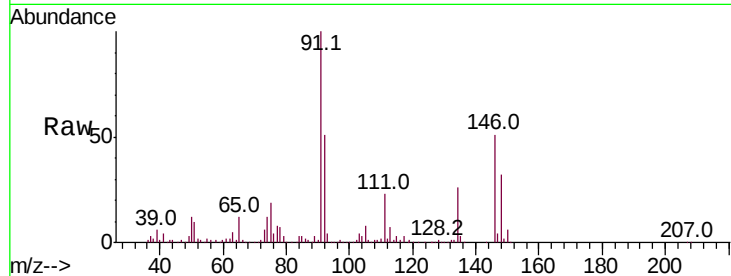




#89
n-Butylbenzene
Concen: 17.091 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

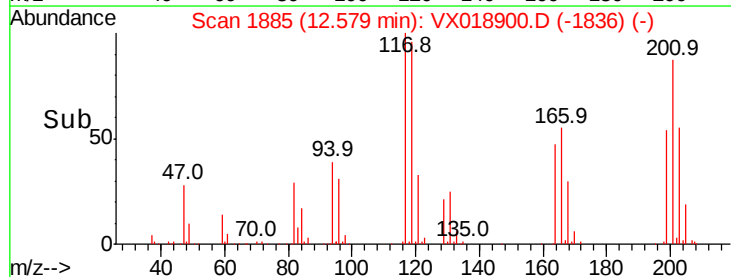
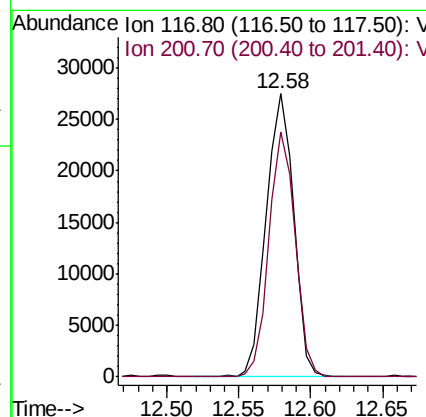
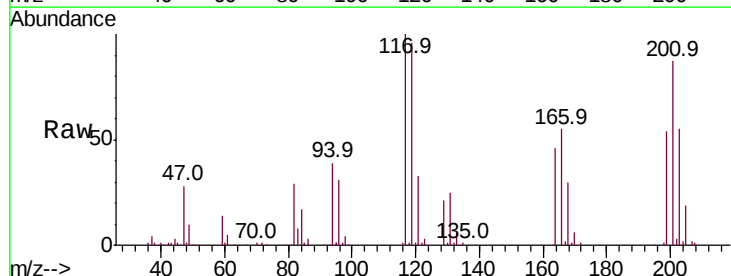
Instrument :
MSVOA_X
ClientSampleId :
VX1012WBS01

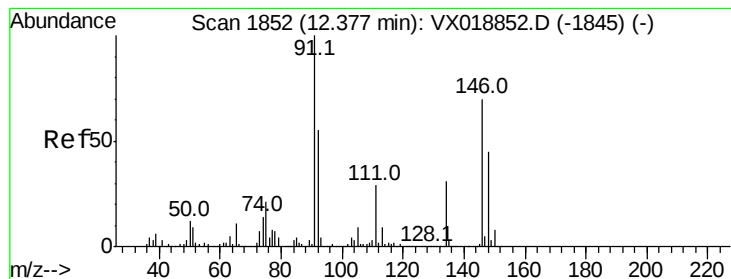
Tot Ion: 91 Resp: 178826
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 26.1 13.5 40.4



#90
Hexachloroethane
Concen: 16.253 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018900.D
Acq: 12 Oct 2020 14:05

Tgt Ion: 117 Resp: 36387
Ion Ratio Lower Upper
117 100
201 82.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 16.811 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampled :

VX1012WBS01

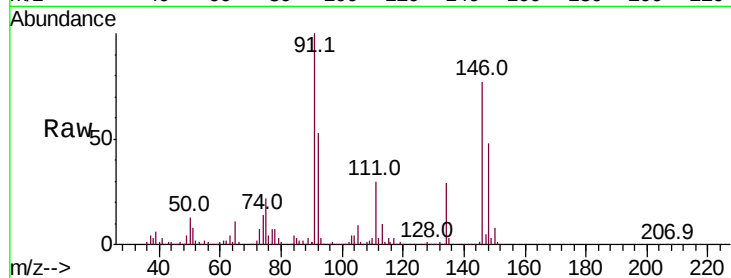
Tot Ion:146 Resp: 106188

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

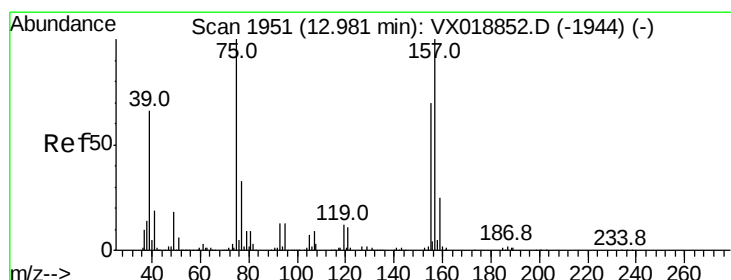
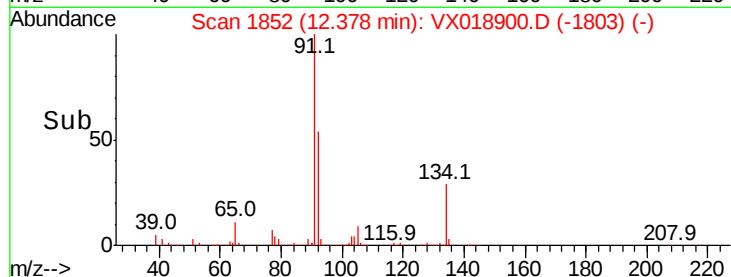
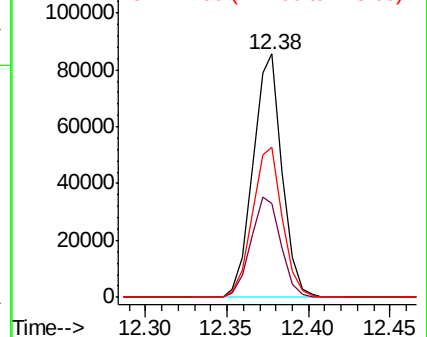
148 63.7 31.1 93.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.156 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

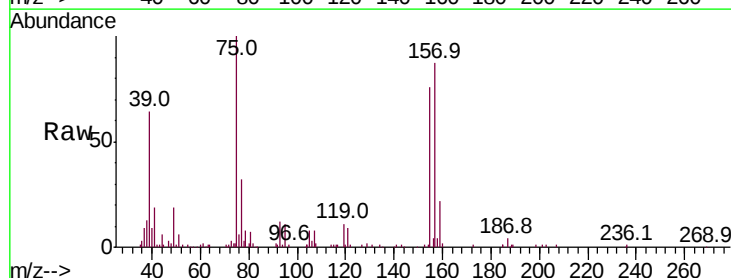
Tgt Ion: 75 Resp: 18115

Ion Ratio Lower Upper

75 100

155 77.6 38.0 113.9

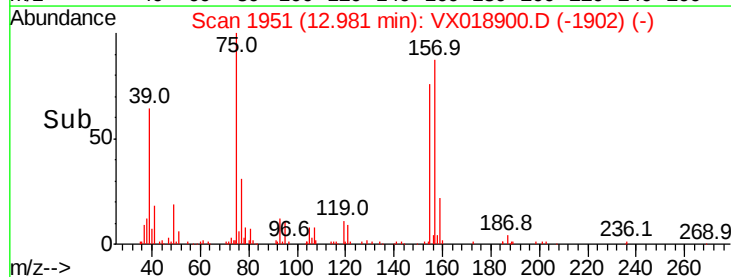
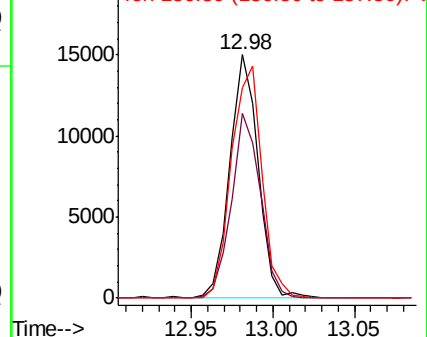
157 103.0 50.9 152.7

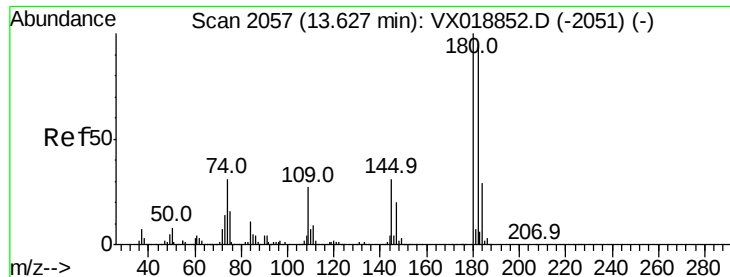


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.285 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

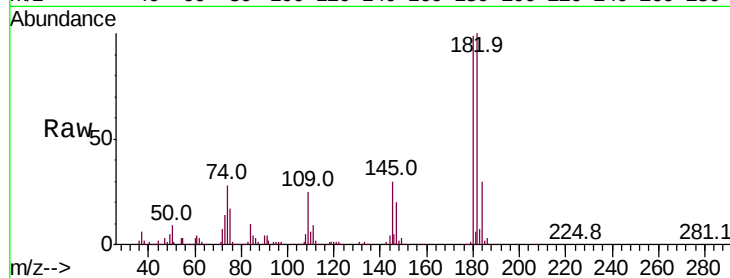
Tot Ion:180 Resp: 70045

Ion Ratio Lower Upper

180 100

182 97.6 49.1 147.3

145 30.5 16.0 48.0

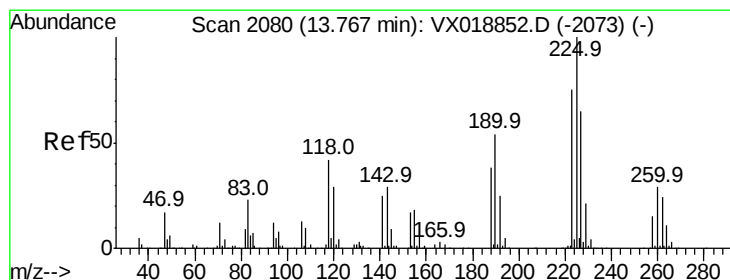
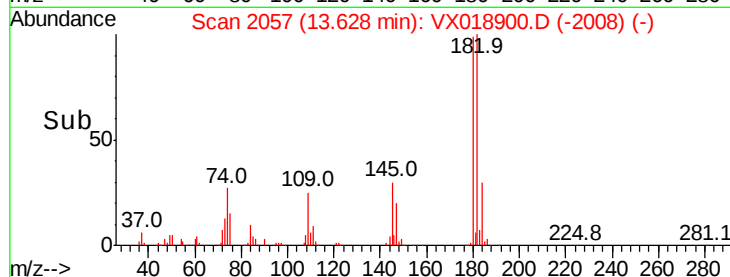
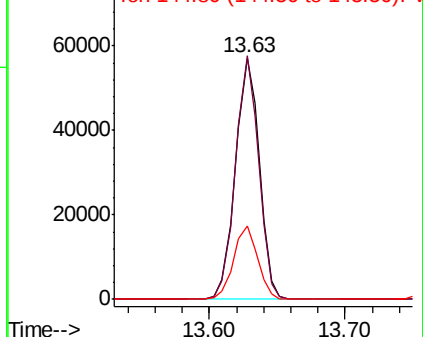


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.582 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

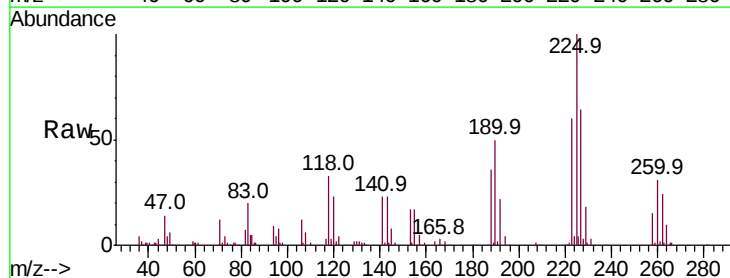
Tgt Ion:225 Resp: 33446

Ion Ratio Lower Upper

225 100

223 71.6 32.1 96.3

227 71.4 33.0 98.9

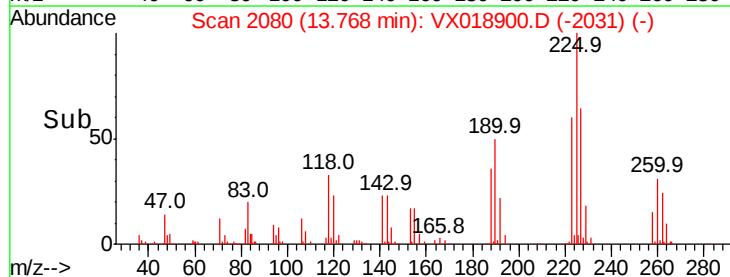
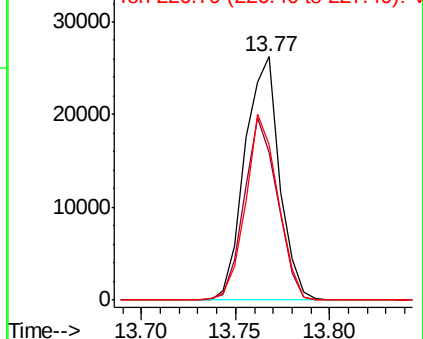


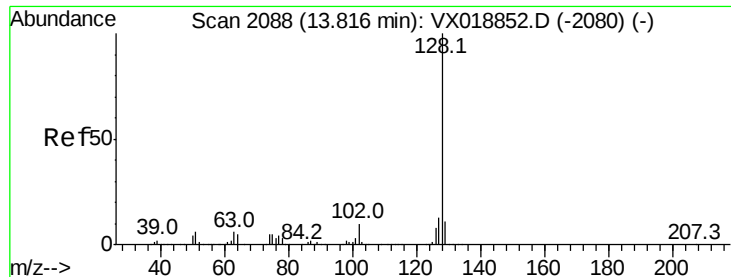
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.594 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX1012WBS01

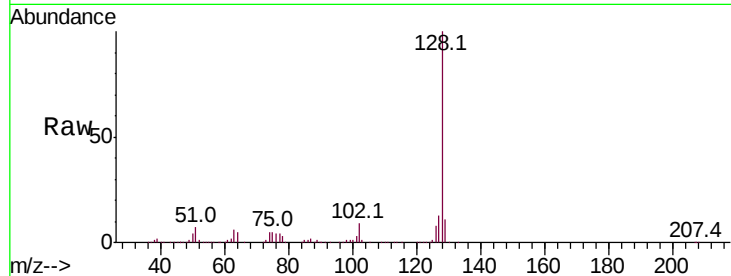
Tot Ion:128 Resp: 194868

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

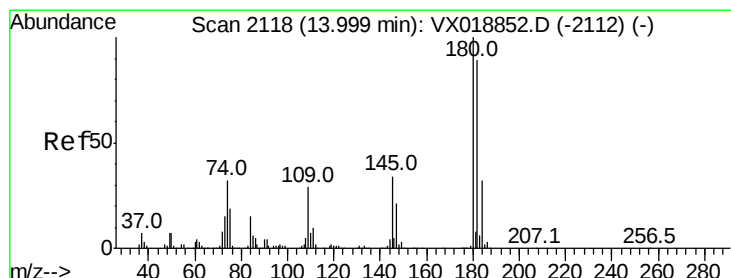
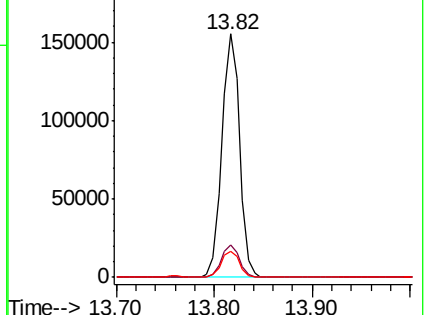
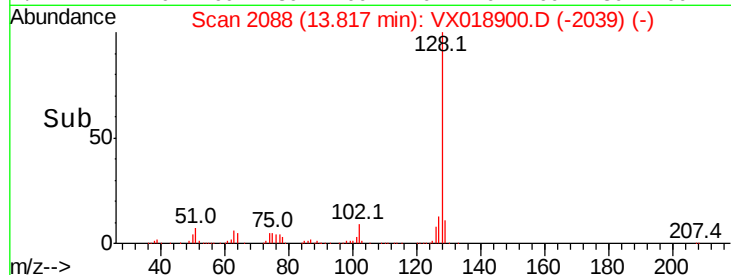
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.399 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018900.D

Acq: 12 Oct 2020 14:05

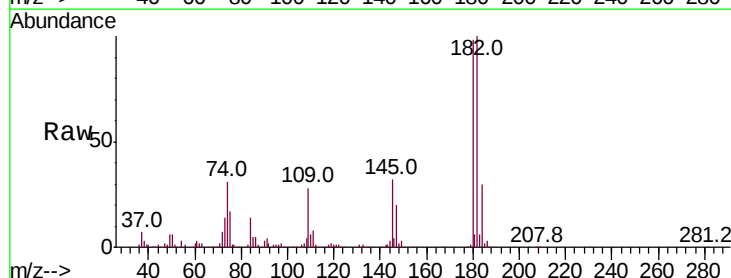
Tgt Ion:180 Resp: 68983

Ion Ratio Lower Upper

180 100

182 97.8 47.7 143.1

145 32.3 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

