

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027171.D
 Acq On : 24 Feb 2022 15:39
 Operator : JC/MD
 Sample : N1628-01ME
 Misc : 5.04g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-3

Quant Time: Feb 25 00:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	93697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53791	47.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.391	113	45049	47.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.653	98	177233	49.961	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.086	95	68963	50.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%

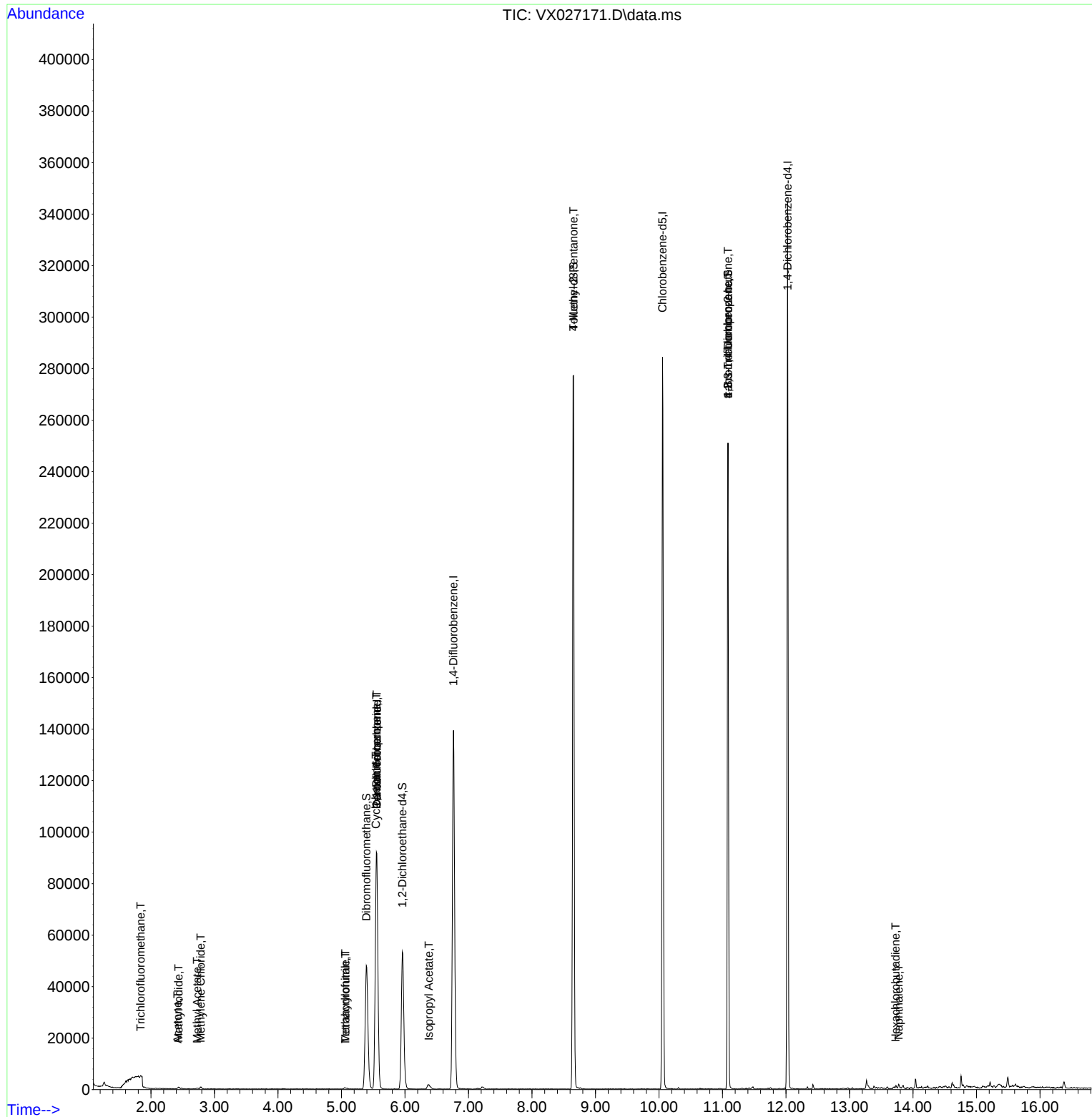
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	207	Below Cal	#	79
7) Trichlorofluoromethane	1.837	101	313	0.232	ug/l	91
10) Methyl Iodide	2.435	142	600	0.476	ug/l	# 88
16) Acetone	2.416	43	419	0.848	ug/l	# 86
18) Methyl Acetate	2.727	43	599	0.470	ug/l	# 53
20) Methylene Chloride	2.782	84	403	0.394	ug/l	# 77
29) Tetrahydrofuran	5.062	42	714	1.356	ug/l	# 63
31) Cyclohexane	5.544	56	1684	0.999	ug/l	# 4
36) 1,1-Dichloropropene	5.550	75	6841	4.941	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	9354	6.477	ug/l	# 17
41) Methacrylonitrile	5.062	41	266	0.319	ug/l	# 25
43) Isopropyl Acetate	6.373	43	1248	0.534	ug/l	# 62
51) 4-Methyl-2-Pentanone	8.653	43	622	0.409	ug/l	# 1
76) 1,2,3-Trichloropropane	11.086	75	33117	23.679	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.086	75	33117	67.326	ug/l	# 3
94) Hexachlorobutadiene	13.725	225	120	0.201	ug/l	66
95) Naphthalene	13.774	128	1208	0.248	ug/l	# 95

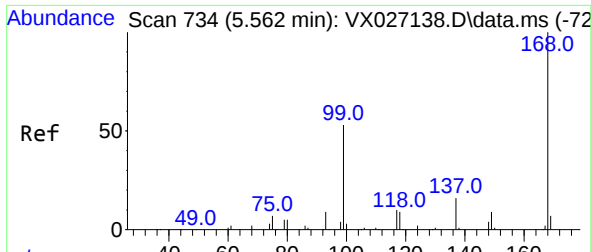
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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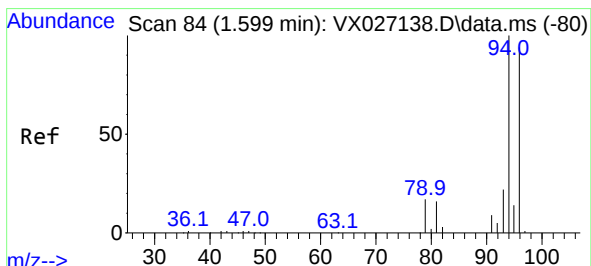
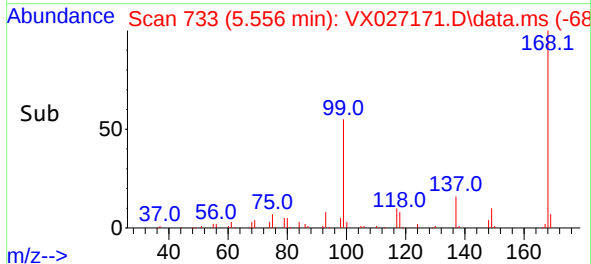
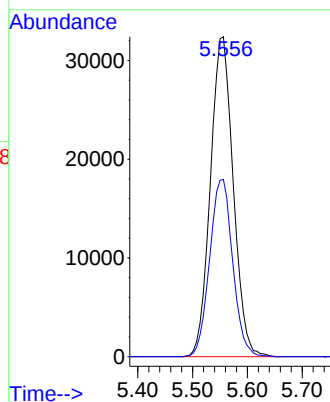
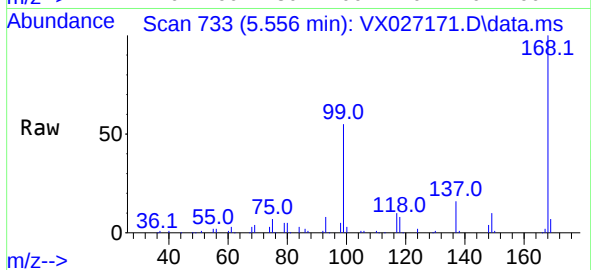




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

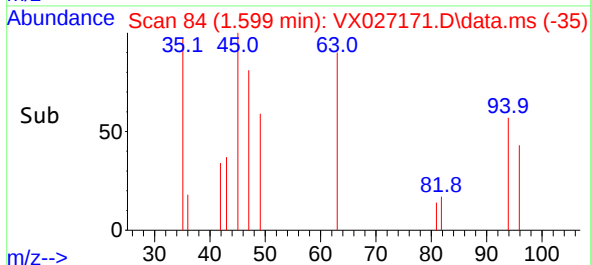
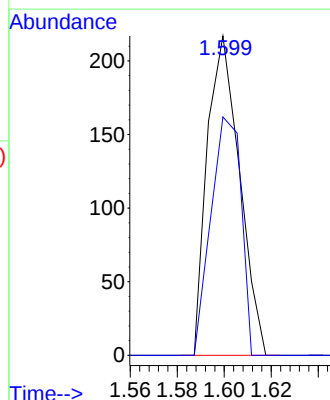
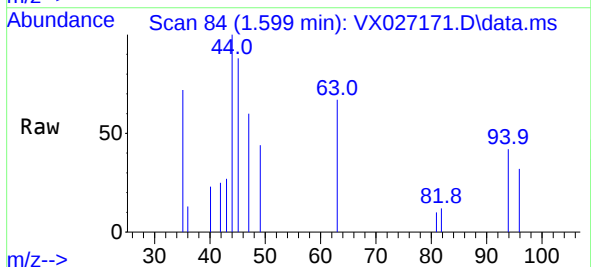
Instrument :
MSVOA_X
ClientSampleId :
BP-3

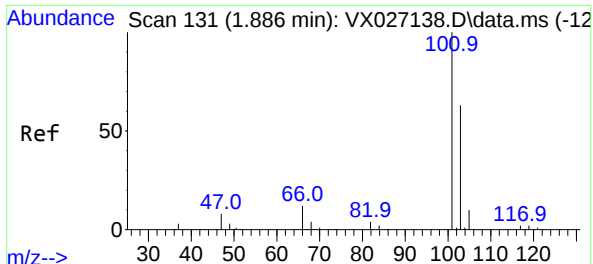
Tgt Ion:168 Resp: 93697
Ion Ratio Lower Upper
168 100
99 55.4 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 74.7 75.9 113.9#

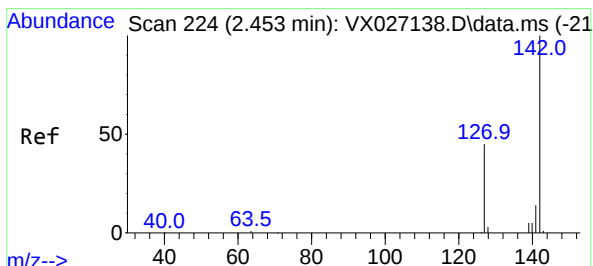
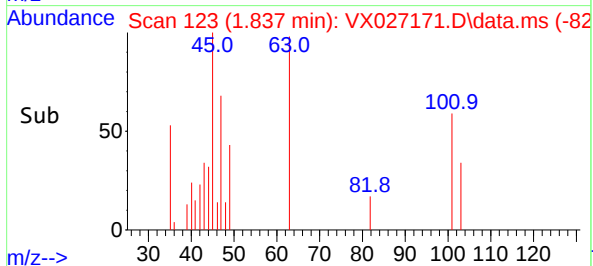
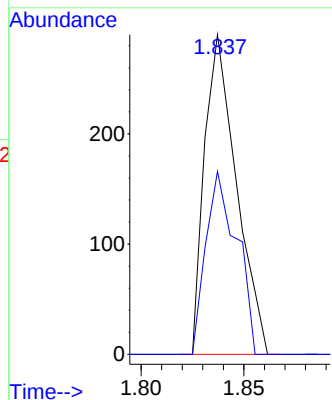
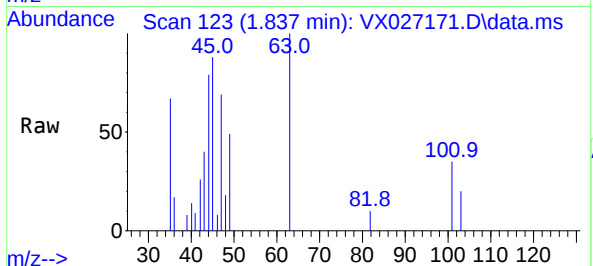




#7
Trichlorofluoromethane
Concen: 0.232 ug/l
RT: 1.837 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

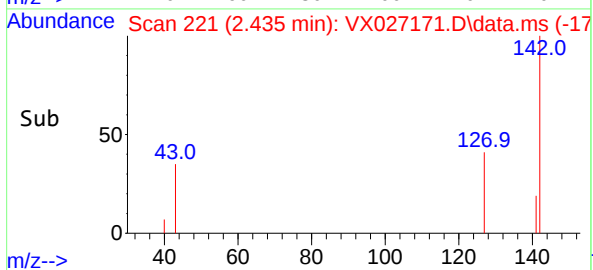
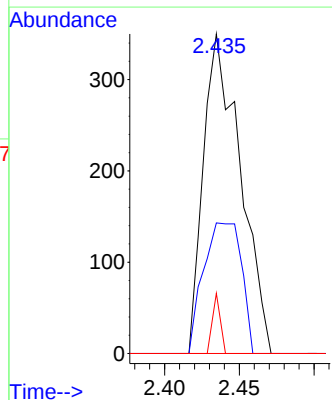
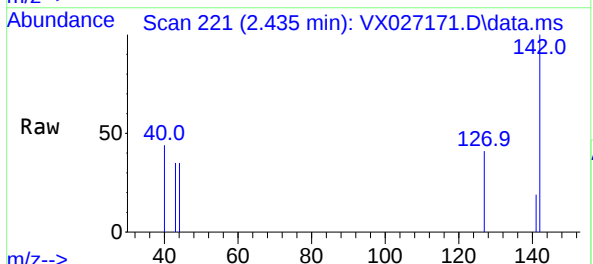
Instrument :
MSVOA_X
ClientSampleId :
BP-3

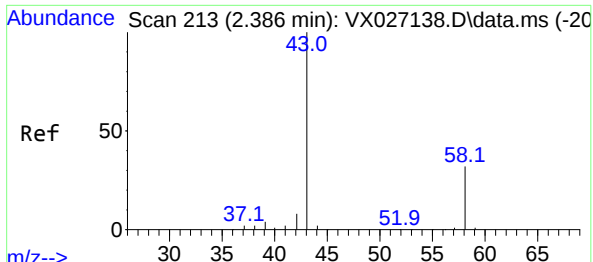
Tgt Ion:101 Resp: 313
Ion Ratio Lower Upper
101 100
103 57.2 51.3 76.9



#10
Methyl Iodide
Concen: 0.476 ug/l
RT: 2.435 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
127 42.0 38.1 57.1
141 4.0 11.2 16.8#

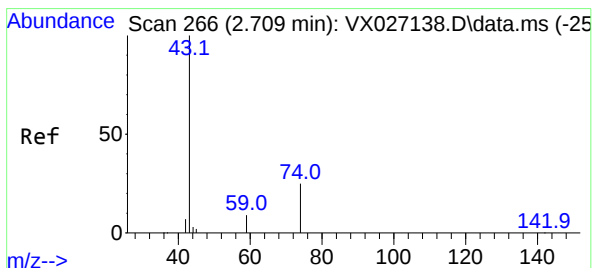
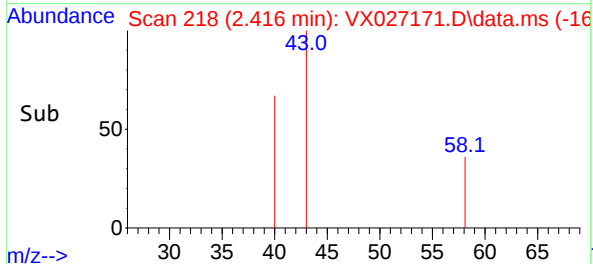
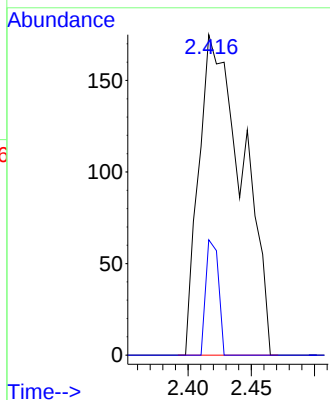
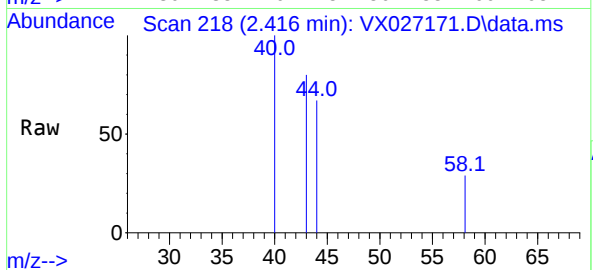




#16
Acetone
Concen: 0.848 ug/l
RT: 2.416 min Scan# 213
Delta R.T. 0.030 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

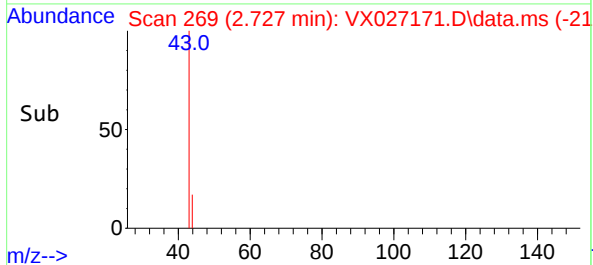
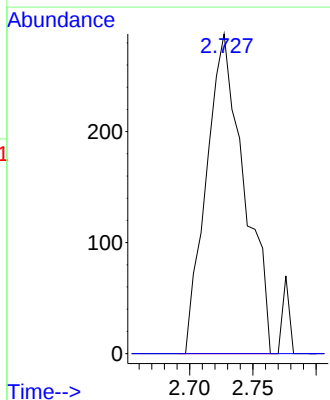
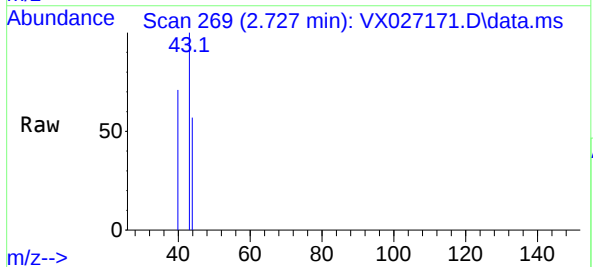
Instrument :
MSVOA_X
ClientSampleId :
BP-3

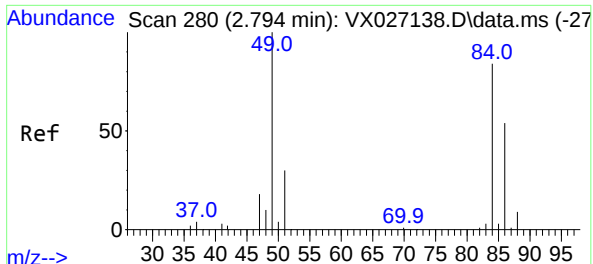
Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 36.0 23.0 34.6#



#18
Methyl Acetate
Concen: 0.470 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#20

Methylene Chloride

Concen: 0.394 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX027171.D

Acq: 24 Feb 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

BP-3

Tgt Ion: 84 Resp: 403

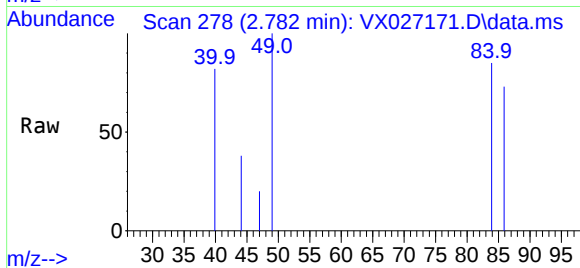
Ion Ratio Lower Upper

84 100

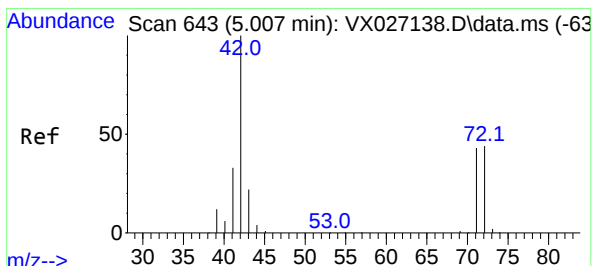
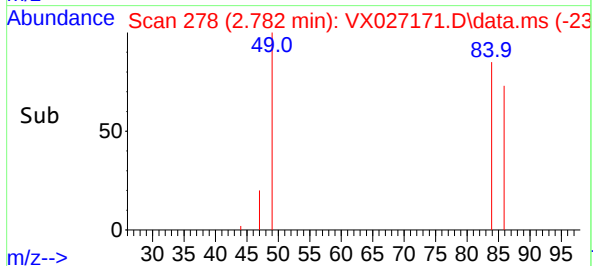
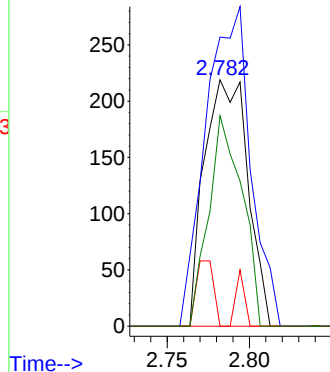
49 117.4 101.5 152.3

51 0.0 31.2 46.8#

86 85.4 51.3 76.9#



Abundance



#29

Tetrahydrofuran

Concen: 1.356 ug/l

RT: 5.062 min Scan# 652

Delta R.T. 0.055 min

Lab File: VX027171.D

Acq: 24 Feb 2022 15:39

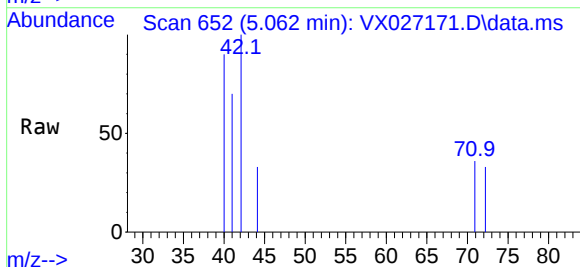
Tgt Ion: 42 Resp: 714

Ion Ratio Lower Upper

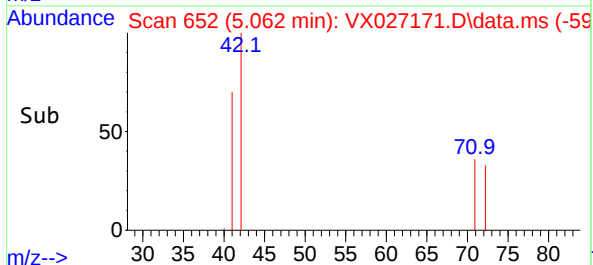
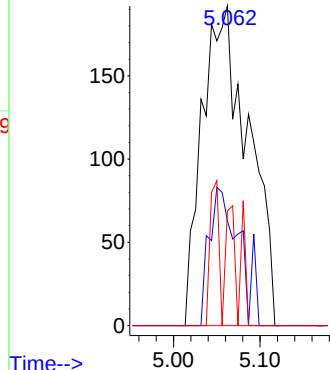
42 100

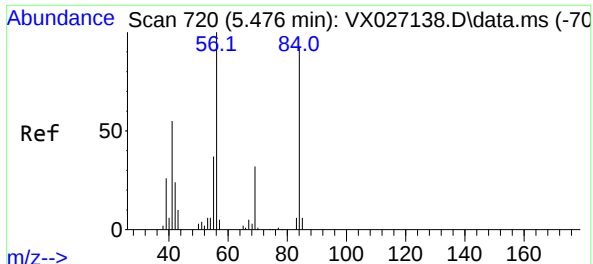
72 28.2 34.6 52.0#

71 8.5 31.8 47.8#



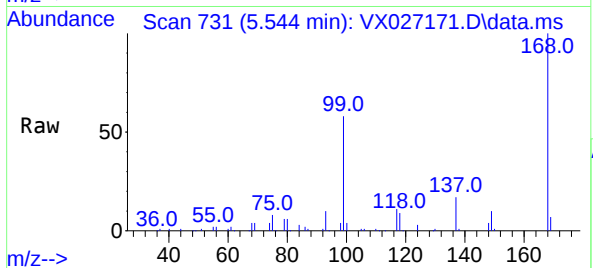
Abundance





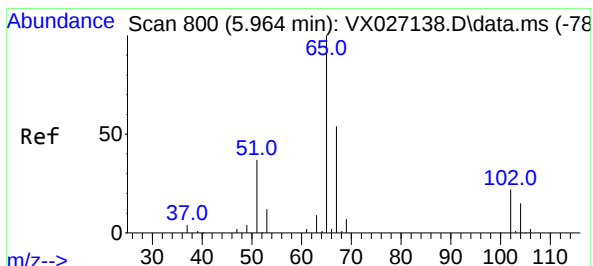
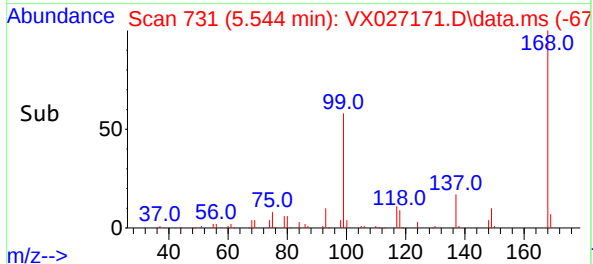
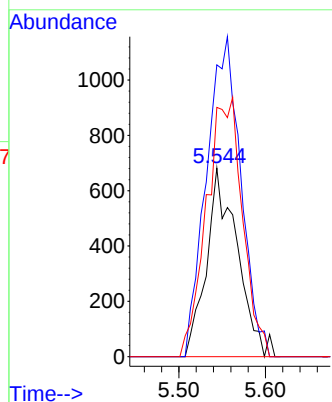
#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.068 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
BP-3



Tgt Ion: 56 Resp: 1684

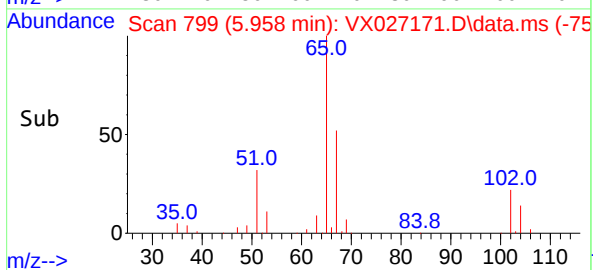
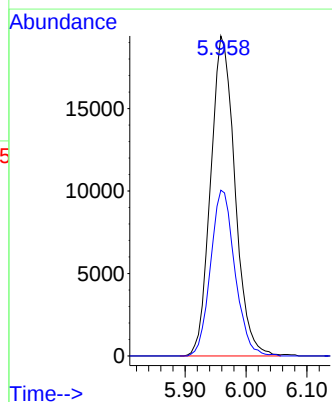
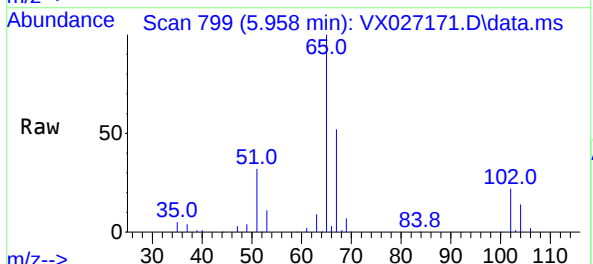
Ion	Ratio	Lower	Upper
56	100		
69	154.7	25.8	38.6#
84	132.1	68.9	103.3#

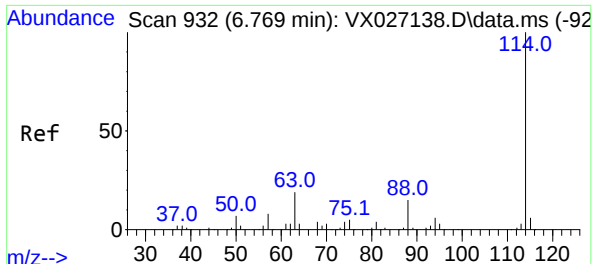


#33
1,2-Dichloroethane-d4
Concen: 47.801 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 65 Resp: 53791

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.8

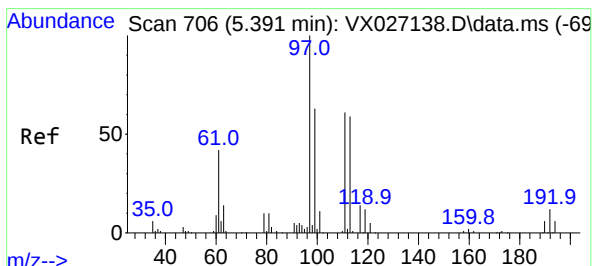
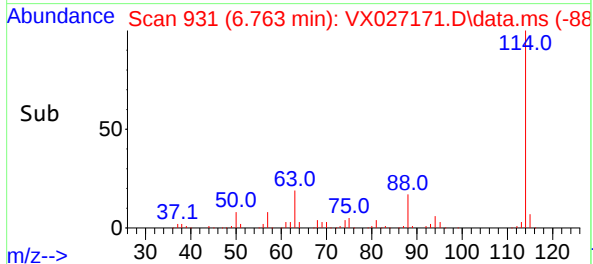
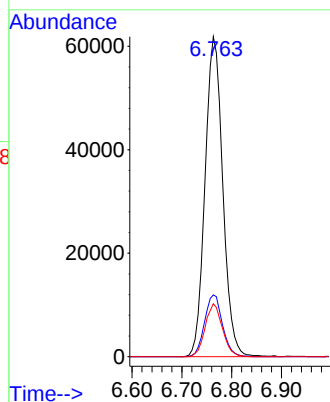
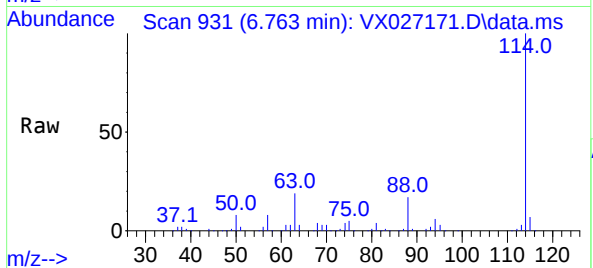




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

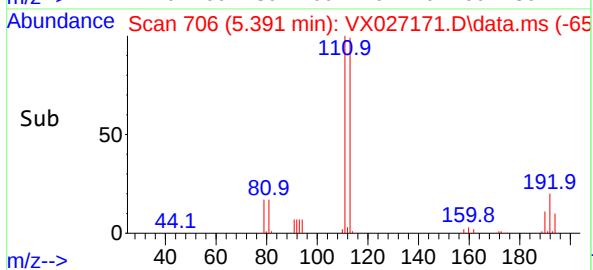
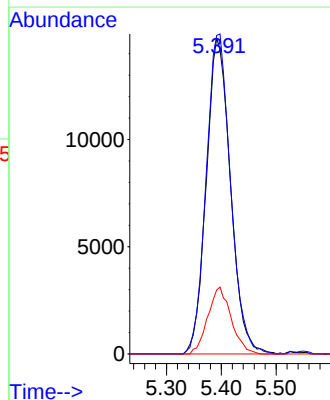
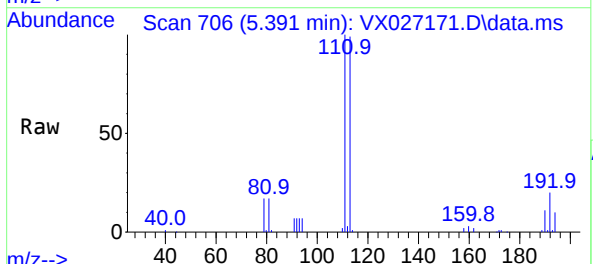
Instrument :
MSVOA_X
ClientSampleId :
BP-3

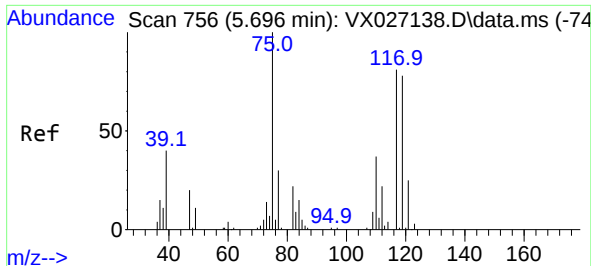
Tgt Ion:114 Resp: 152844
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.484 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion:113 Resp: 45049
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 20.4 15.0 22.4

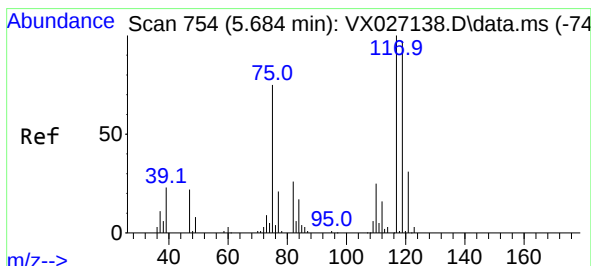
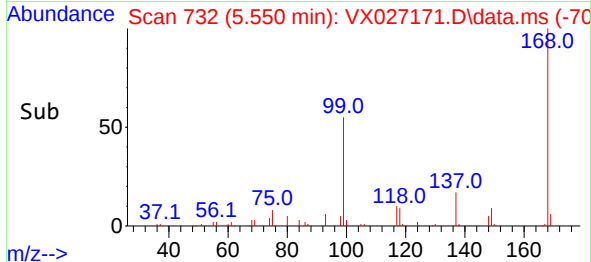
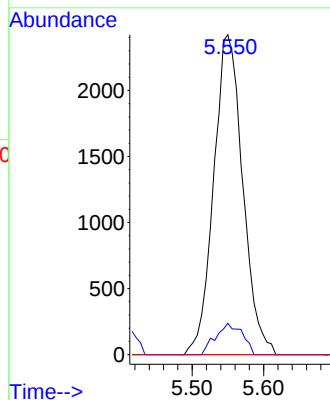
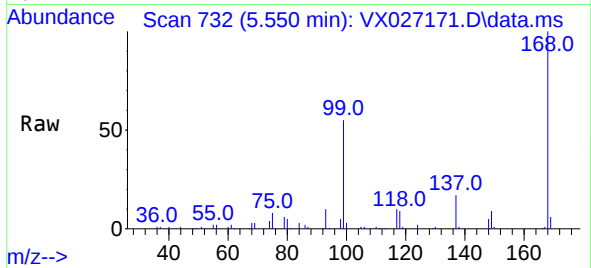




#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

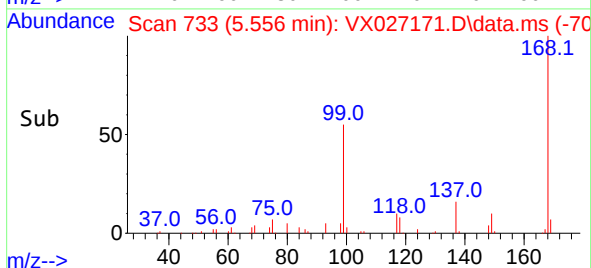
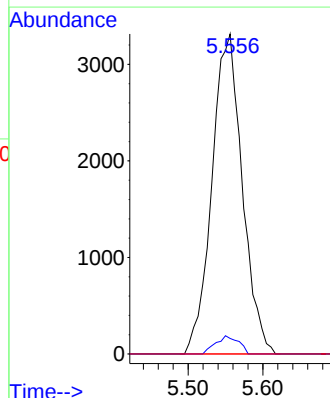
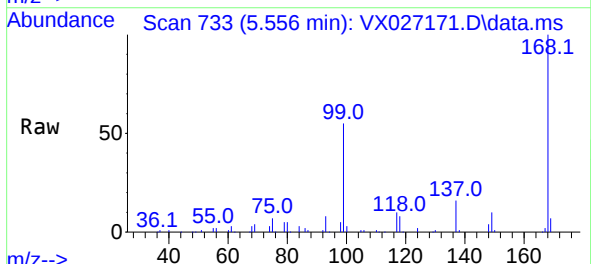
Instrument :
MSVOA_X
ClientSampleId :
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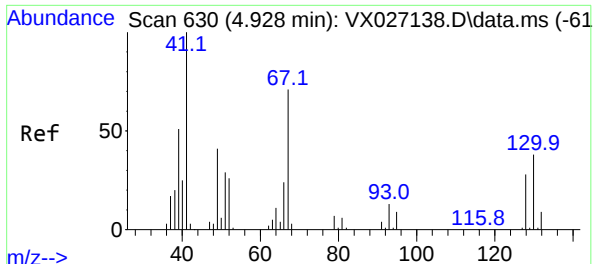
Tgt Ion: 75 Resp: 6841
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.477 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 117 Resp: 9354
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#



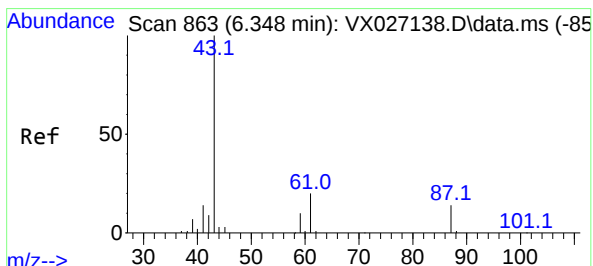
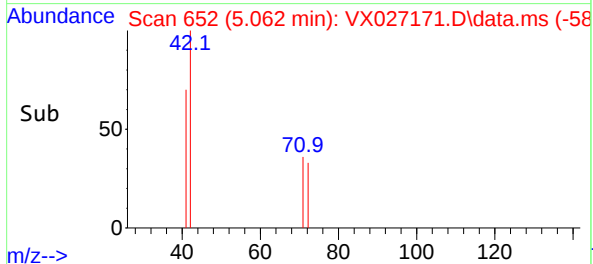
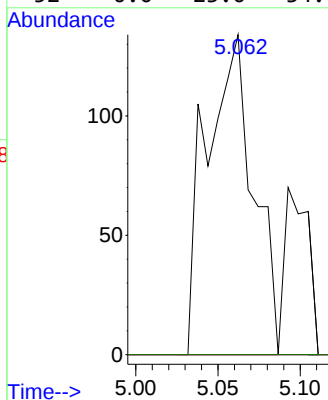
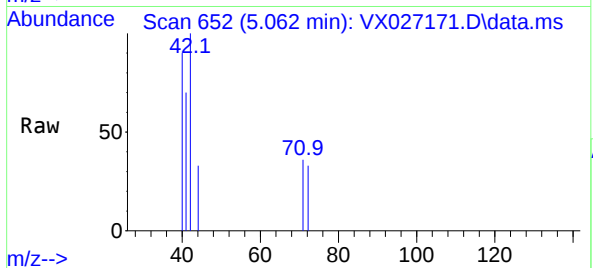


#41
Methacrylonitrile
Concen: 0.319 ug/l
RT: 5.062 min Scan# 61
Delta R.T. 0.134 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
BP-3

Tgt Ion: 41 Resp: 266

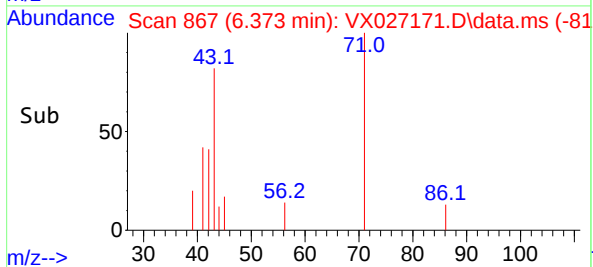
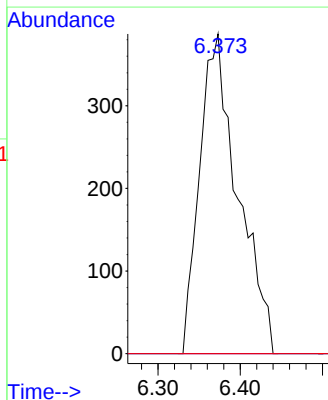
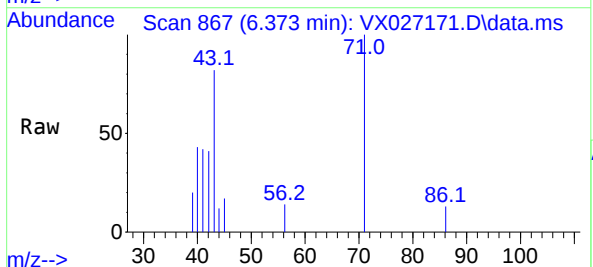
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.0#
67	0.0	53.2	79.8#
52	0.0	23.0	34.6#

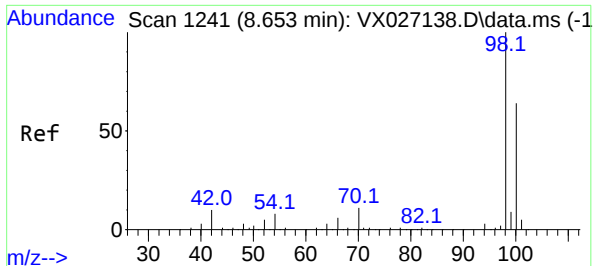


#43
Isopropyl Acetate
Concen: 0.534 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.025 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 43 Resp: 1248

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.2	15.2#

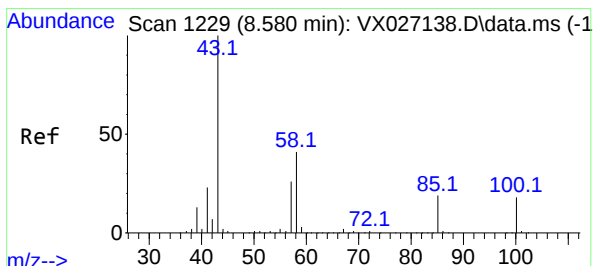
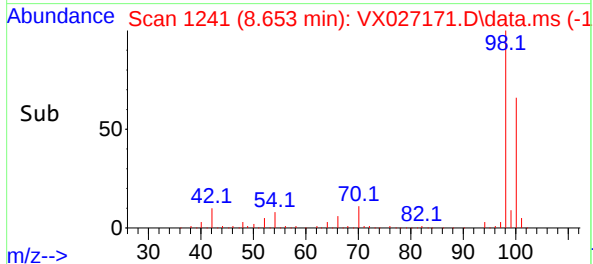
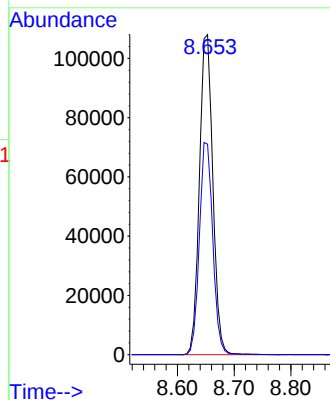
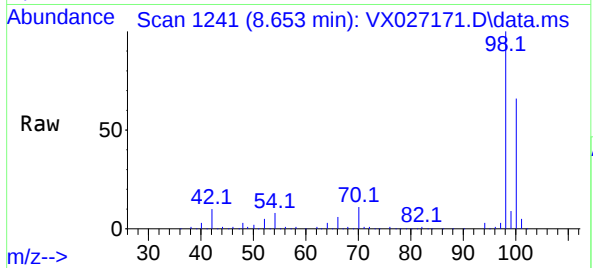




#50
Toluene-d8
Concen: 49.961 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

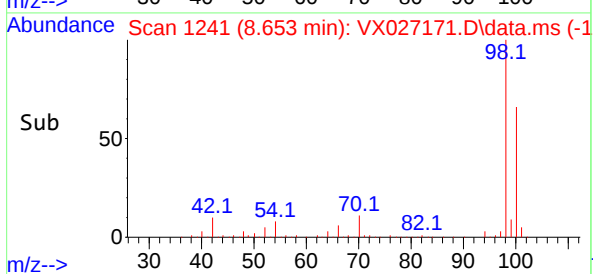
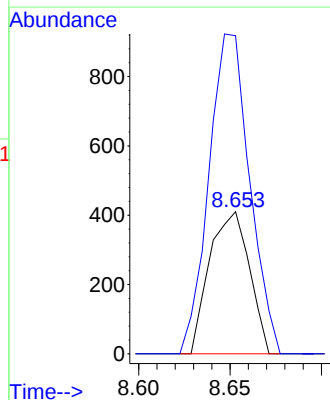
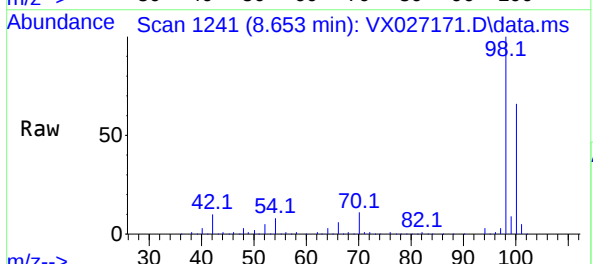
Instrument :
MSVOA_X
ClientSampleId :
BP-3

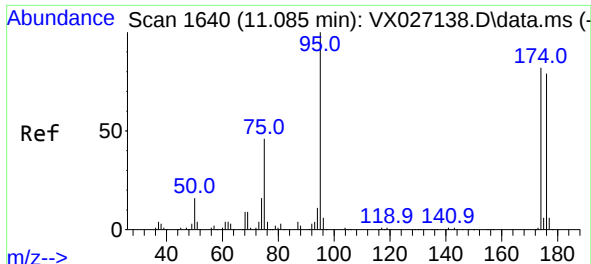
Tgt Ion: 98 Resp: 177233
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.409 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 230.5 30.5 45.7#

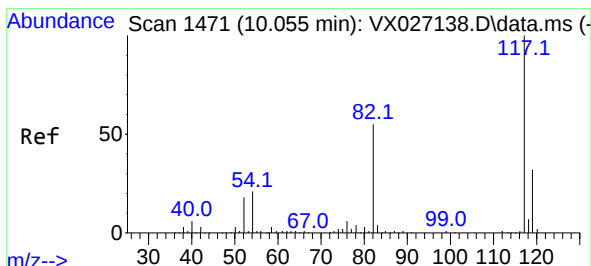
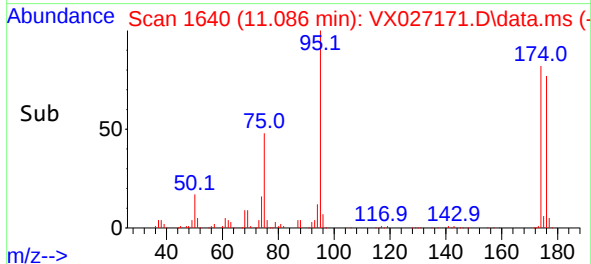
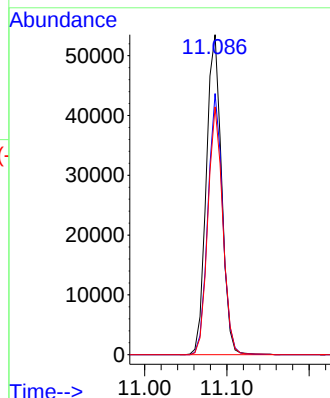
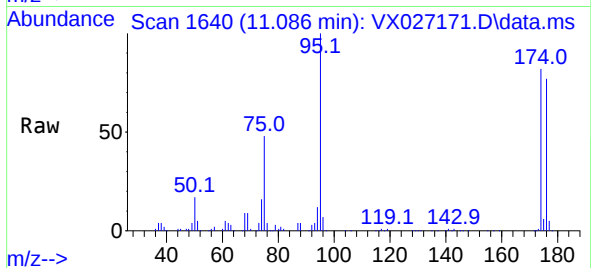




#62
4-Bromofluorobenzene
Concen: 50.646 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

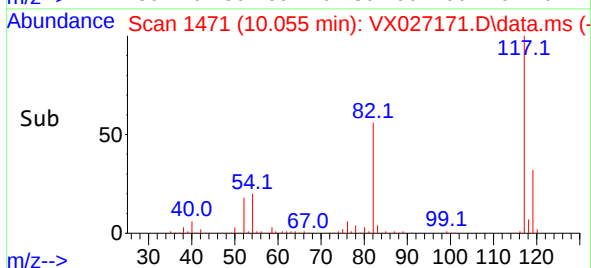
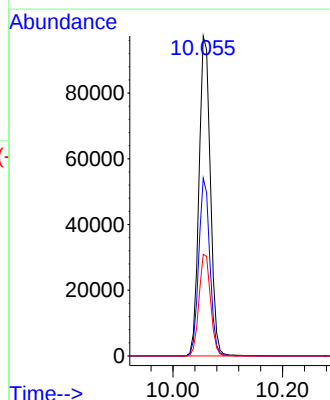
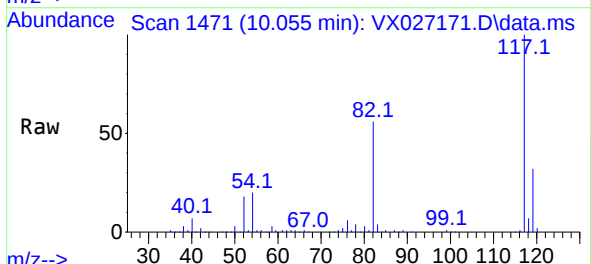
Instrument :
MSVOA_X
ClientSampleId :
BP-3

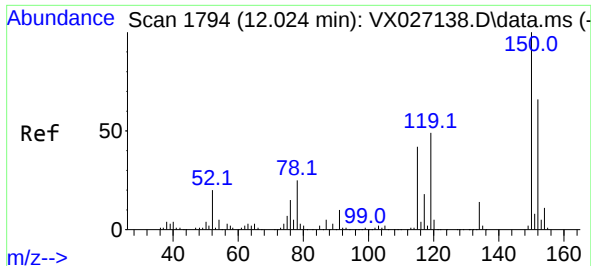
Tgt Ion: 95 Resp: 68963
Ion Ratio Lower Upper
95 100
174 78.6 0.0 148.6
176 75.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 117 Resp: 140815
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 31.8 26.2 39.2

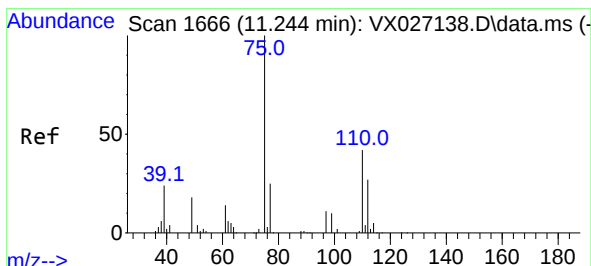
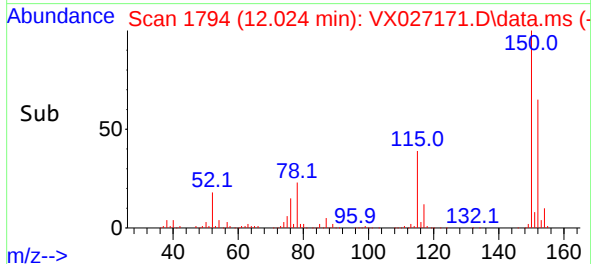
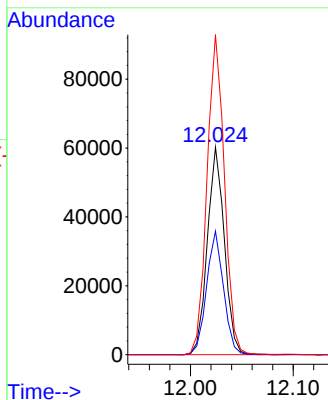
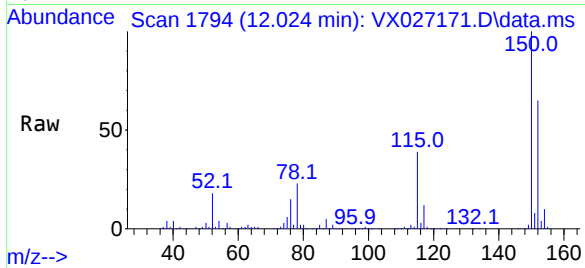




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

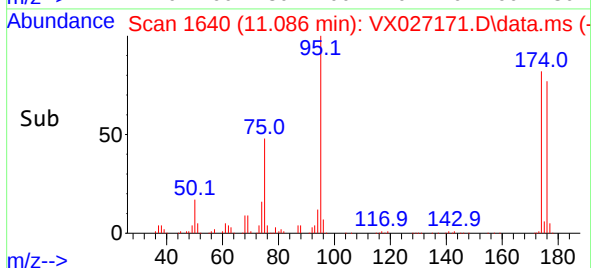
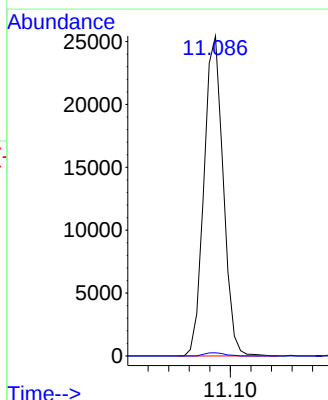
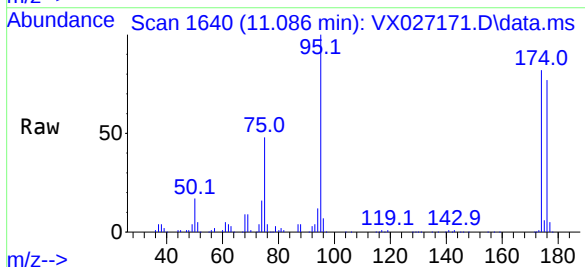
Instrument :
MSVOA_X
ClientSampleId :
BP-3

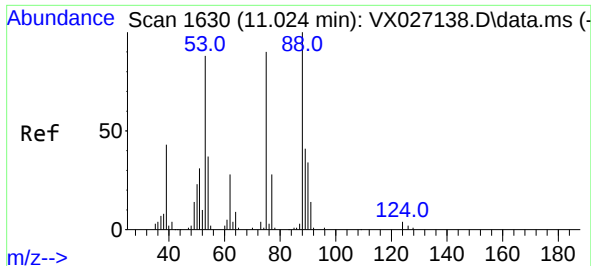
Tgt Ion:152 Resp: 69436
Ion Ratio Lower Upper
152 100
115 59.2 44.2 132.6
150 157.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.679 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Tgt Ion: 75 Resp: 33117
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

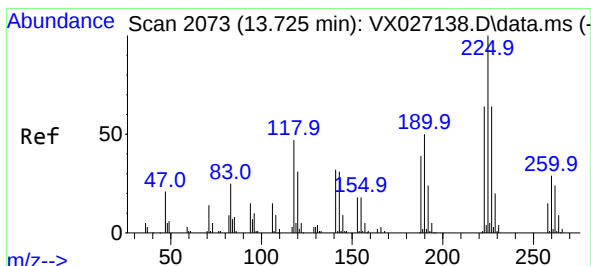
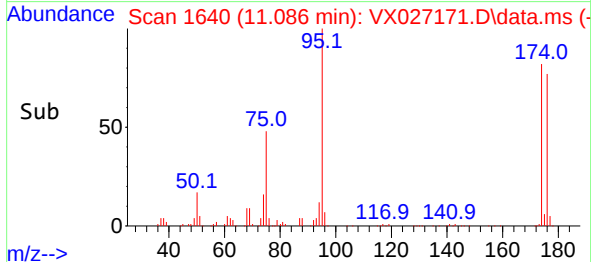
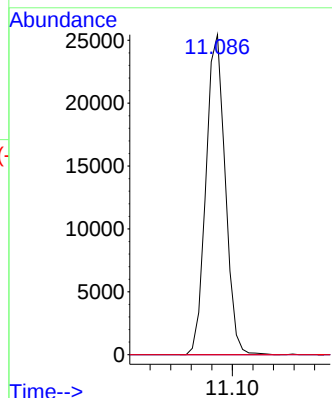
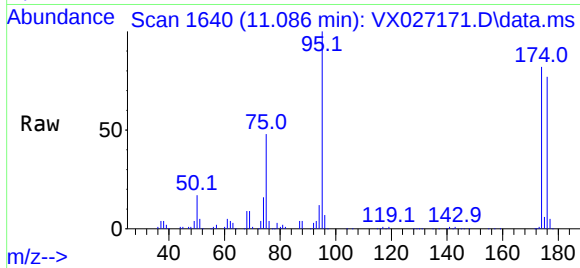




#81
trans-1,4-Dichloro-2-butene
Concen: 67.326 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.062 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

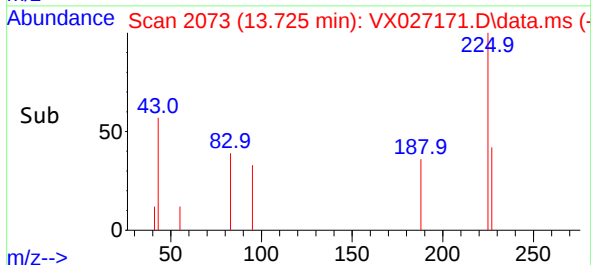
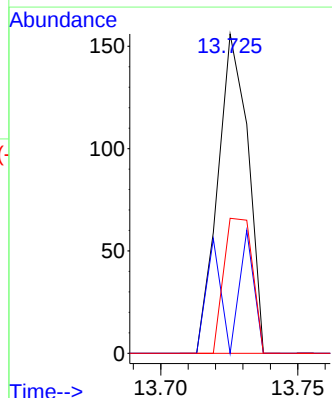
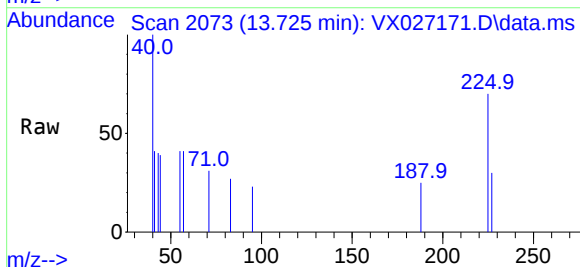
Instrument :
MSVOA_X
ClientSampleId :
BP-3

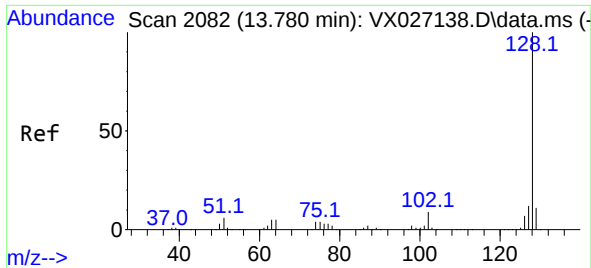
Tgt Ion: 75 Resp: 33117
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.201 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

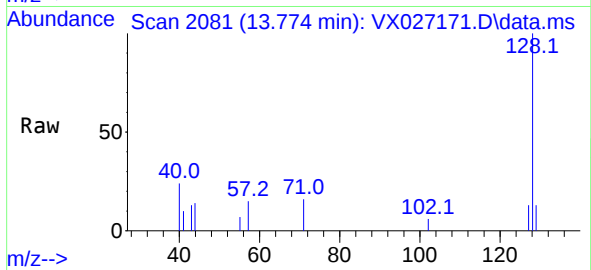
Tgt Ion: 225 Resp: 120
Ion Ratio Lower Upper
225 100
223 35.0 32.0 96.0
227 40.0 32.3 96.9





#95
Naphthalene
Concen: 0.248 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027171.D
Acq: 24 Feb 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
BP-3



Tgt Ion:	128	Resp:	1208
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	8.1	8.7	13.1#

