

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024503.D
 Acq On : 01 Oct 2021 16:11
 Operator : JC/MD
 Sample : M3970-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 16:34:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

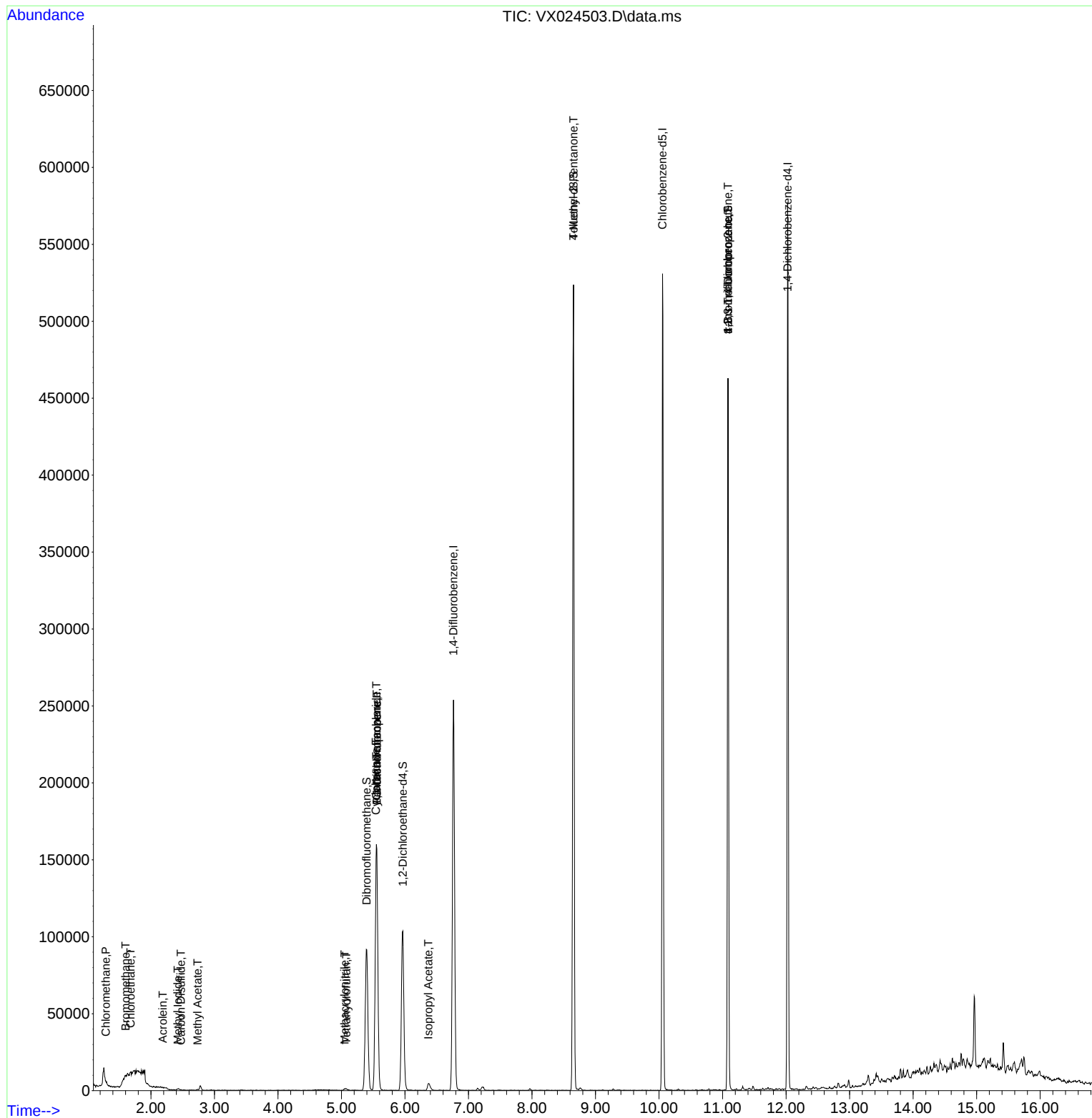
Internal Standards						
1) Pentafluorobenzene	5.556	168	149997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108233	51.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.397	113	80680	47.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.653	98	307586	49.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.085	95	120916	49.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						Qvalue
3) Chloromethane	1.288	50	343	0.241	ug/l #	81
5) Bromomethane	1.599	94	456	0.455	ug/l	89
6) Chloroethane	1.678	64	359	0.619	ug/l #	43
10) Methyl Iodide	2.422	142	665	0.321	ug/l #	94
13) Acrolein	2.184	56	21	10.234	ug/l #	1
16) Acetone	2.355	43	23	Below Cal	#	40
17) Carbon Disulfide	2.471	76	195	0.282	ug/l #	75
18) Methyl Acetate	2.733	43	680	0.215	ug/l #	73
20) Methylene Chloride	2.776	84	1254	Below Cal	#	77
29) Tetrahydrofuran	5.074	42	1079	1.163	ug/l #	84
31) Cyclohexane	5.544	56	3084	1.218	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	11754	4.810	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15754	5.922	ug/l #	17
41) Methacrylonitrile	5.050	41	449	0.285	ug/l #	41
43) Isopropyl Acetate	6.367	43	2645	0.570	ug/l #	57
51) 4-Methyl-2-Pentanone	8.653	43	1380	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	64469	23.662	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64469	64.628	ug/l #	12

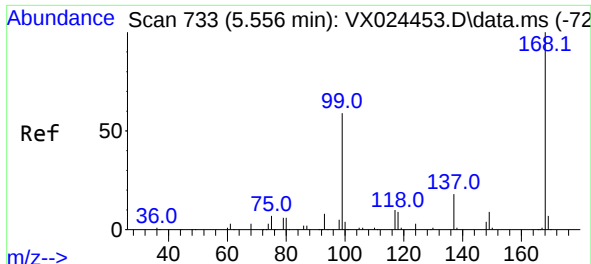
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
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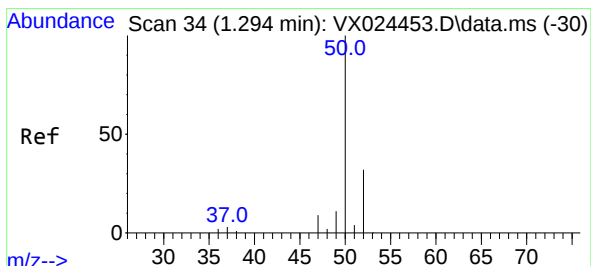
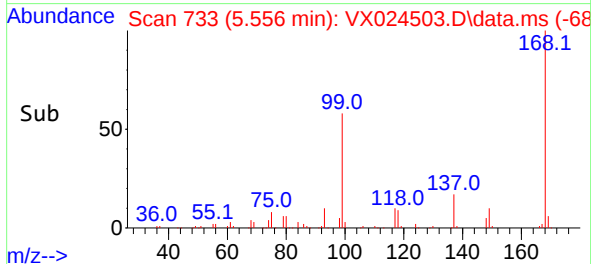
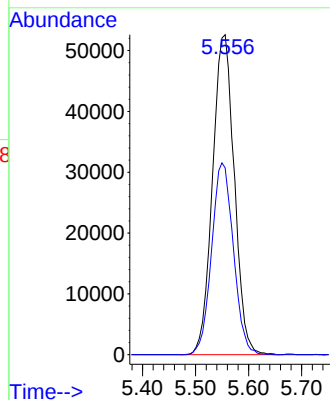
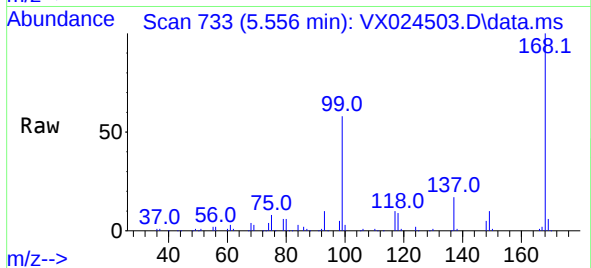




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

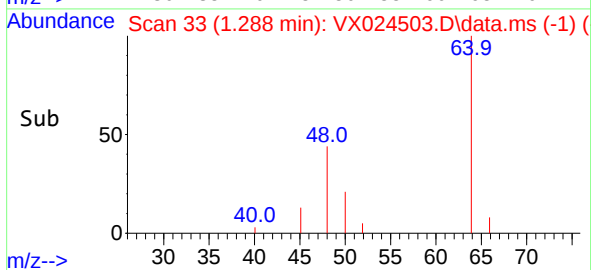
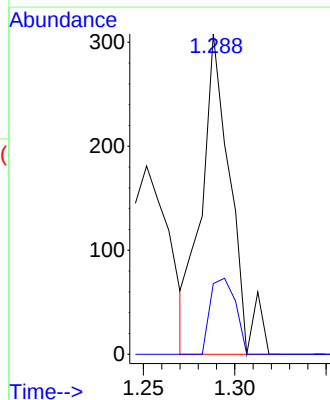
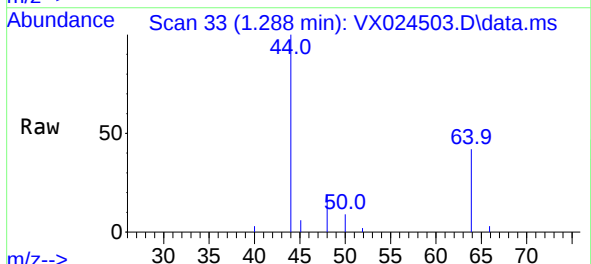
Instrument :
MSVOA_X
ClientSampled :

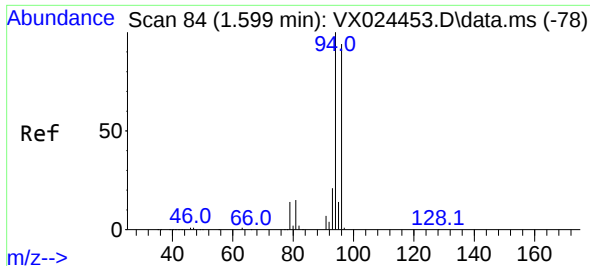
Tgt Ion:168 Resp: 149997
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 22.1 26.4 39.6#

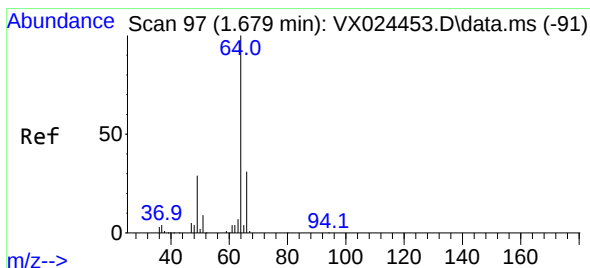
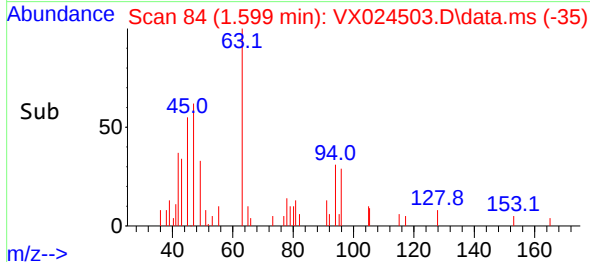
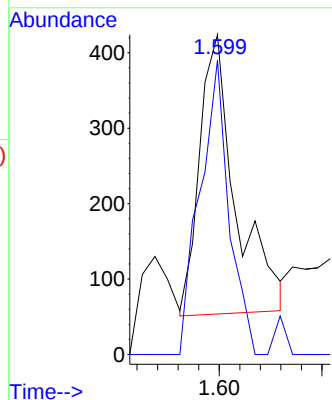
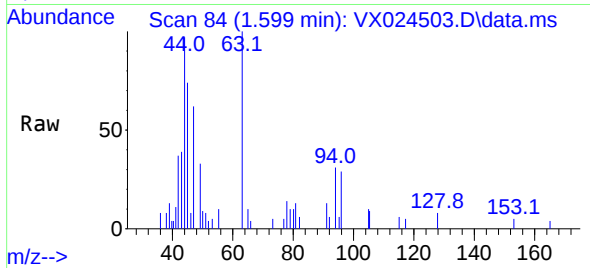




#5
Bromomethane
Concen: 0.455 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

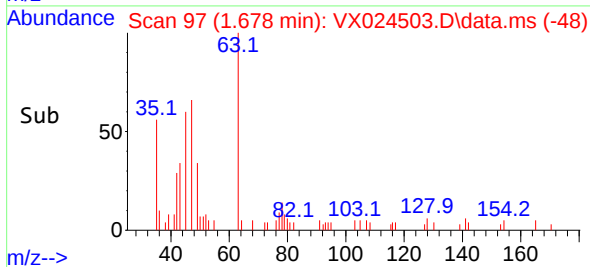
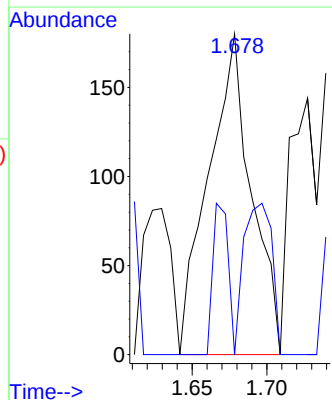
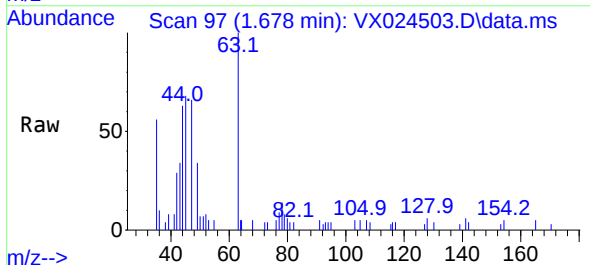
Instrument :
MSVOA_X
ClientSampled :

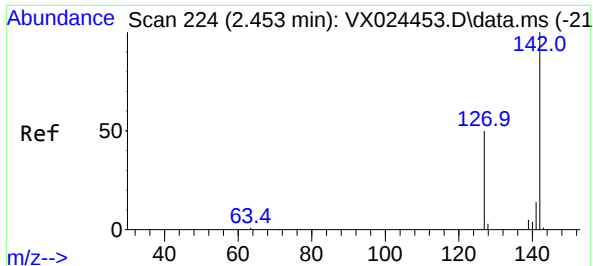
Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 106.6 76.4 114.6



#6
Chloroethane
Concen: 0.619 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

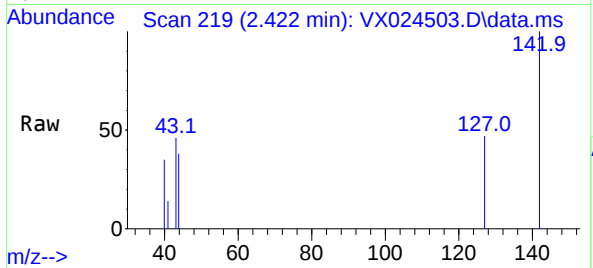
Tgt Ion: 64 Resp: 359
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



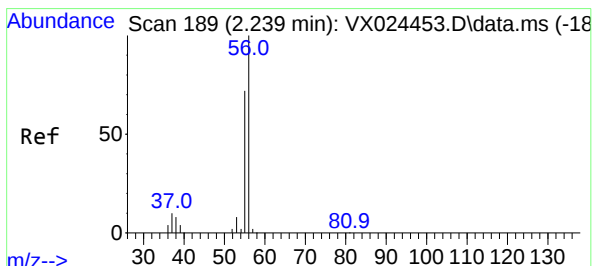
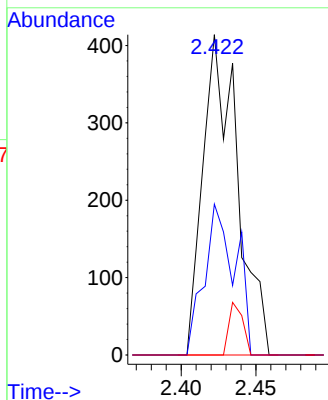
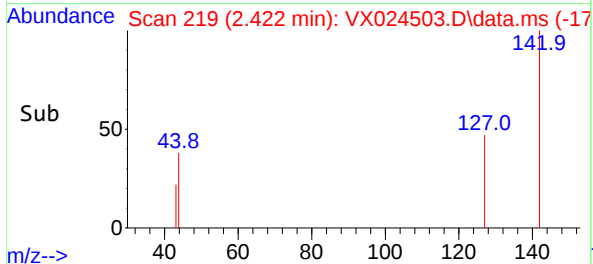


#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.031 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

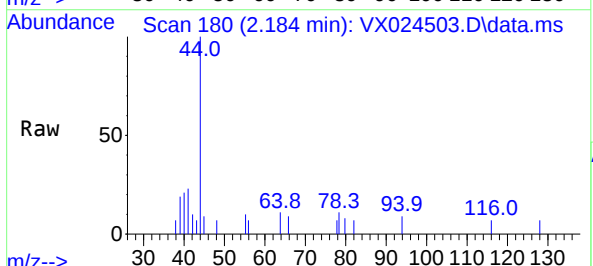
Instrument :
MSVOA_X
ClientSampled :



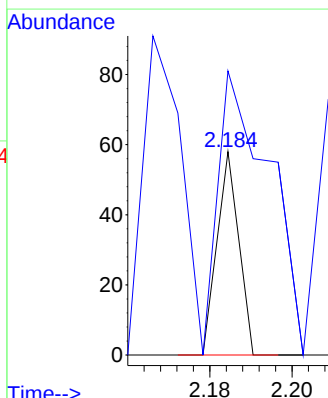
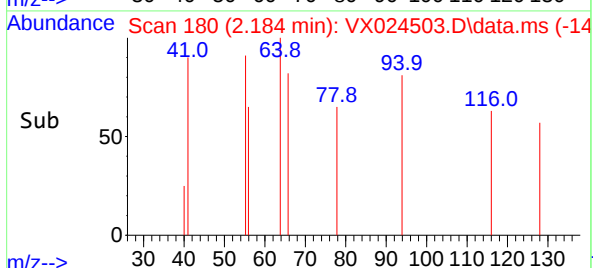
Tgt Ion:142 Resp: 665
Ion Ratio Lower Upper
142 100
127 42.4 33.3 49.9
141 6.6 11.4 17.0#

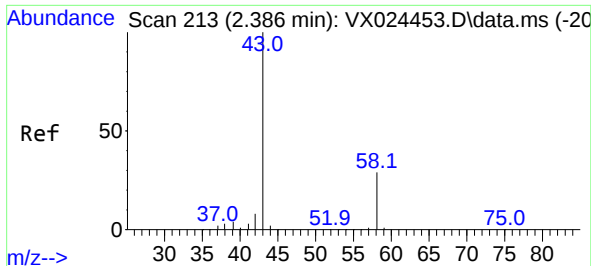


#13
Acrolein
Concen: 10.234 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11



Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 333.3 56.4 84.6#

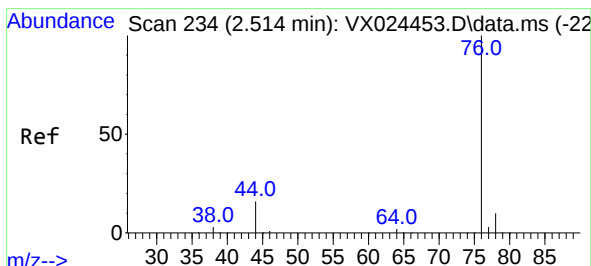
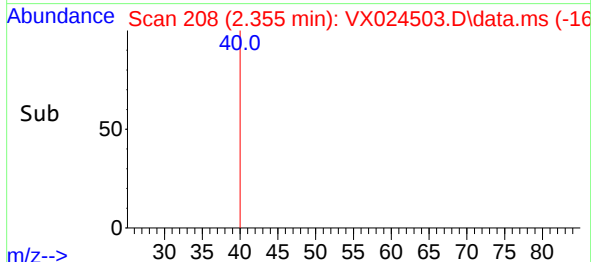
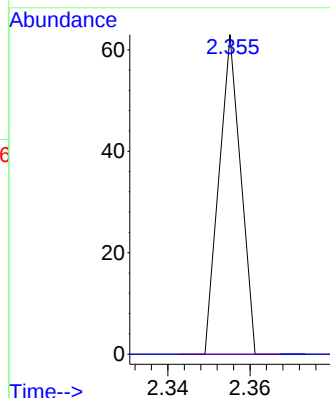
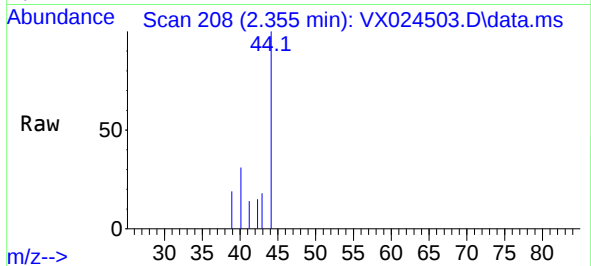




#16
Acetone
Concen: Below Cal
RT: 2.355 min Scan# 208
Delta R.T. -0.031 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

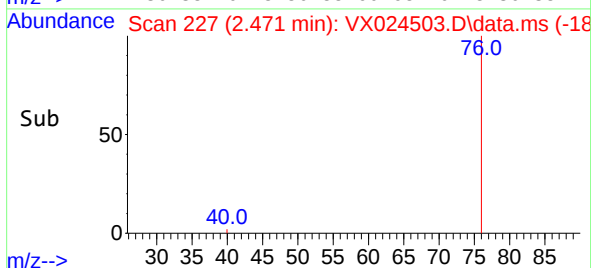
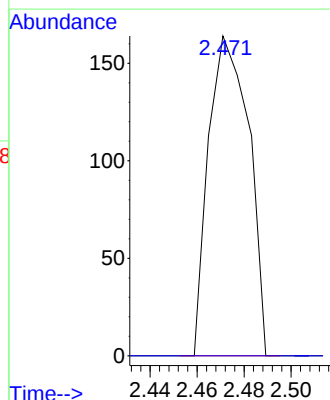
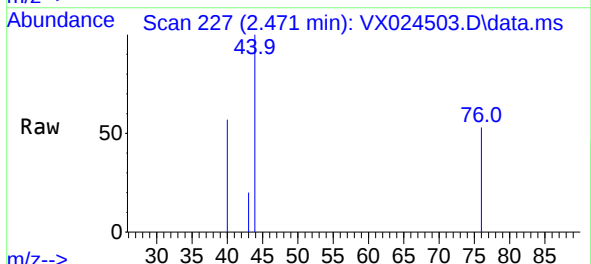
Instrument :
MSVOA_X
ClientSampled :

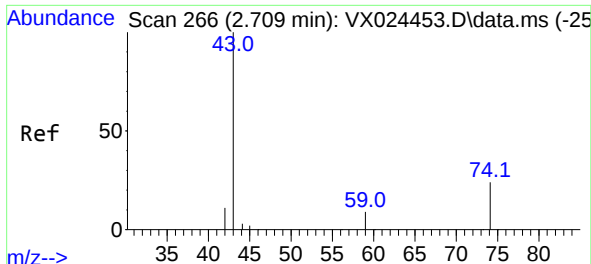
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 76 Resp: 195
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

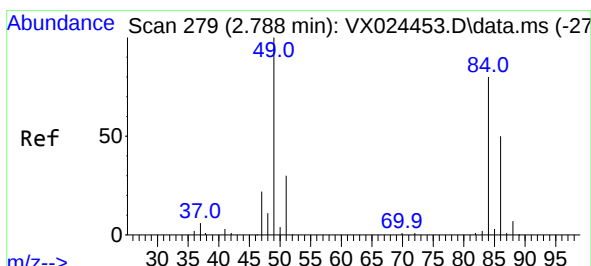
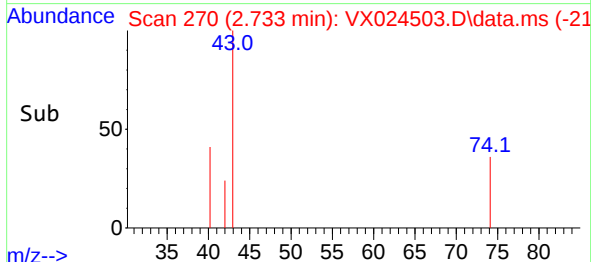
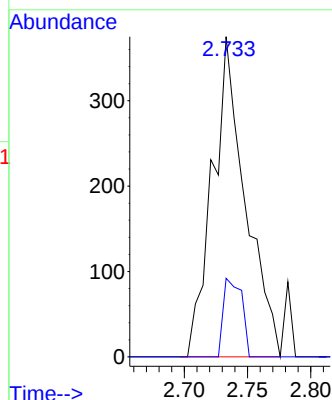
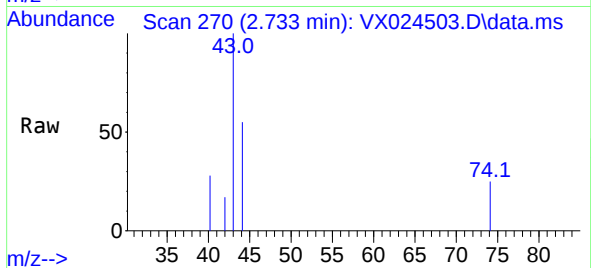




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

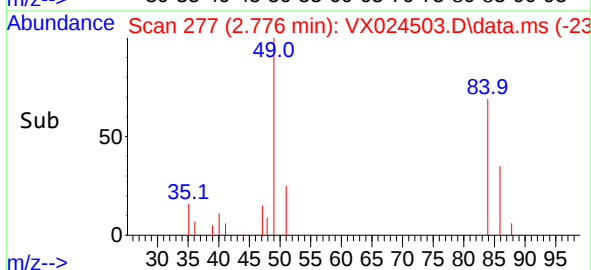
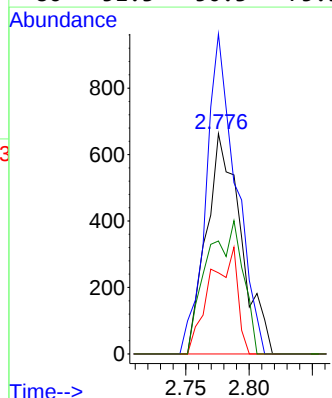
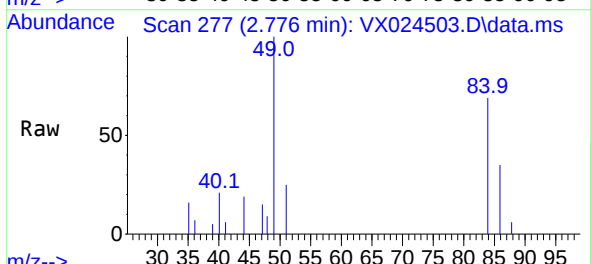
Instrument :
MSVOA_X
ClientSampled :

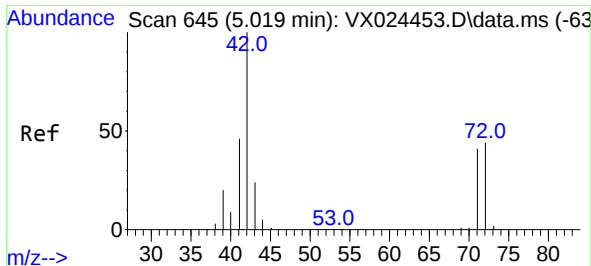
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 13.5 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 84 Resp: 1254
Ion Ratio Lower Upper
84 100
49 145.2 88.6 132.8#
51 36.8 27.0 40.6
86 51.3 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.163 ug/l

RT: 5.074 min Scan# 654

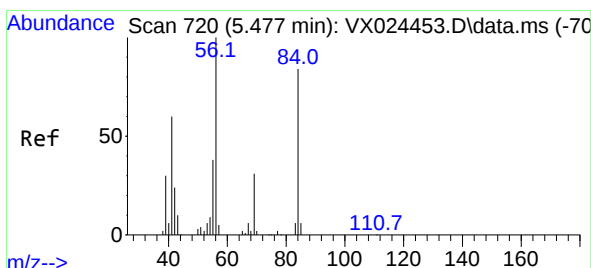
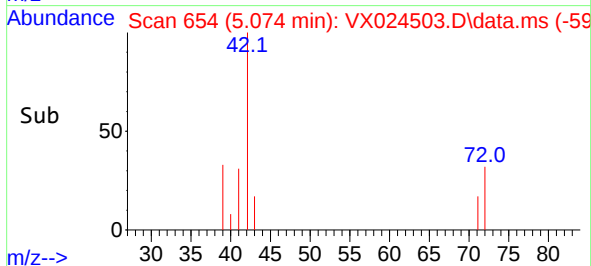
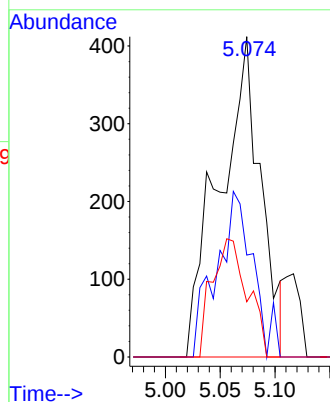
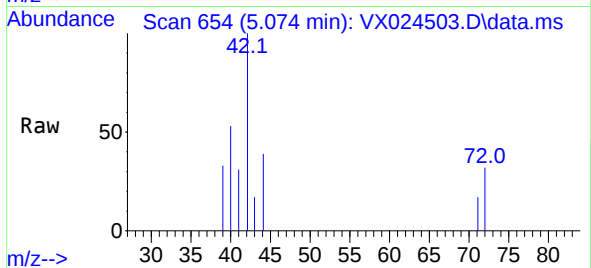
Delta R.T. 0.055 min

Lab File: VX024503.D

Acq: 01 Oct 2021 16:11

Tgt Ion:	42	Resp:	1079
Ion	Ratio	Lower	Upper
42	100		
72	45.7	41.7	62.5
71	31.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.218 ug/l

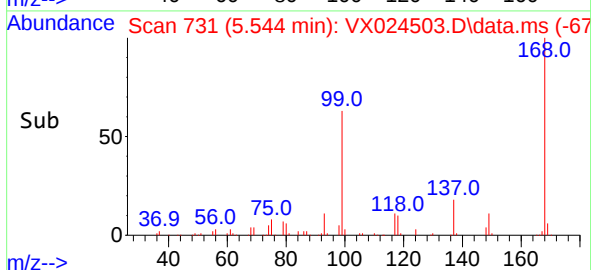
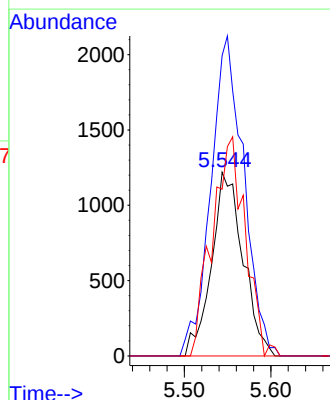
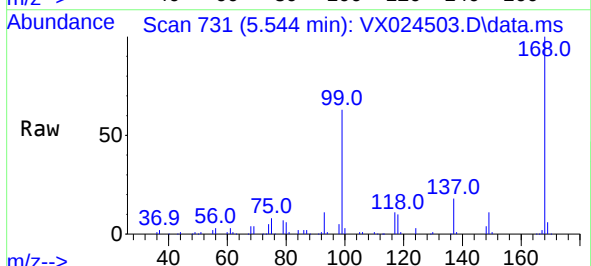
RT: 5.544 min Scan# 731

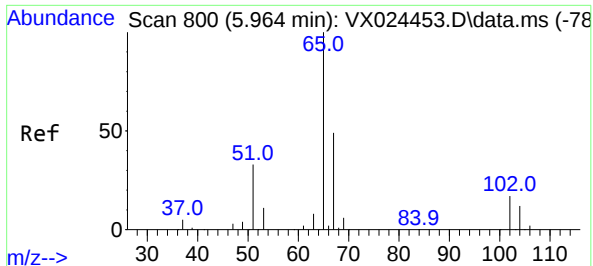
Delta R.T. 0.067 min

Lab File: VX024503.D

Acq: 01 Oct 2021 16:11

Tgt Ion:	56	Resp:	3084
Ion	Ratio	Lower	Upper
56	100		
69	163.5	25.3	37.9#
84	90.8	71.4	107.0



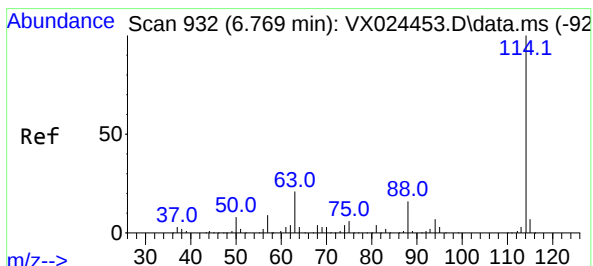
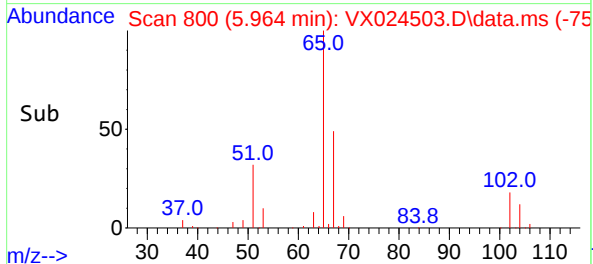
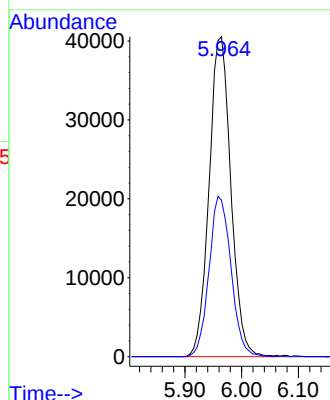
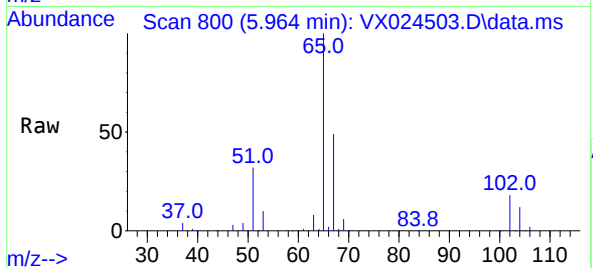


#33

1,2-Dichloroethane-d4
Concen: 51.198 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Instrument :
MSVOA_X
ClientSampled :

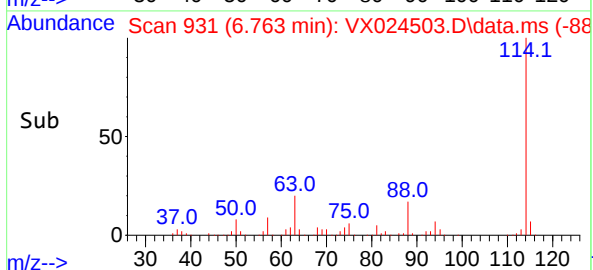
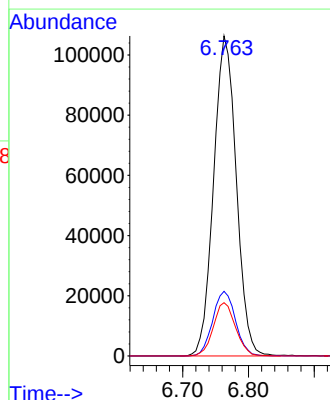
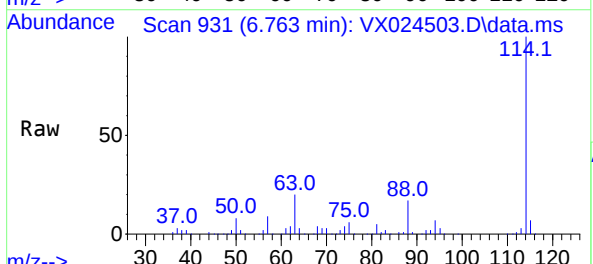
Tgt Ion: 65 Resp: 108233
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

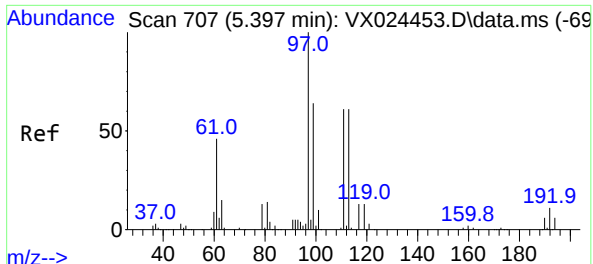


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 114 Resp: 254924
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.7 0.0 32.8

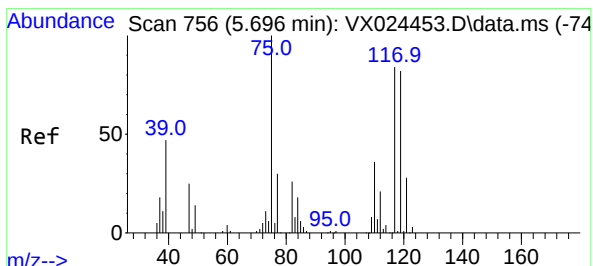
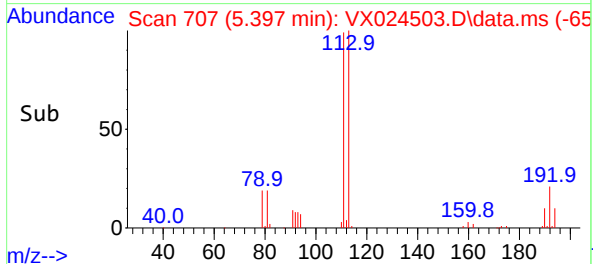
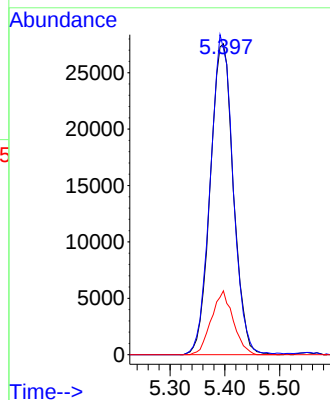
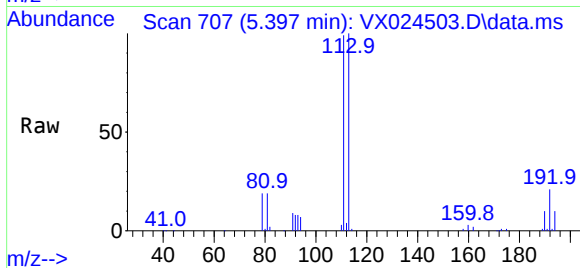




#35
Dibromofluoromethane
Concen: 47.640 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

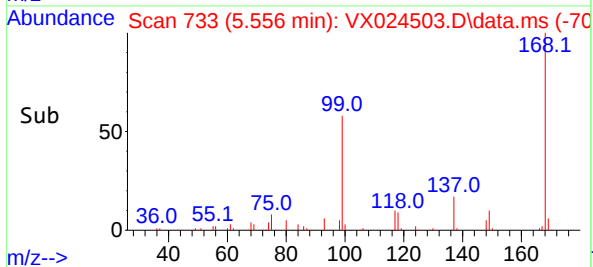
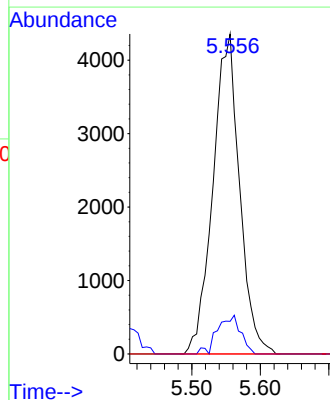
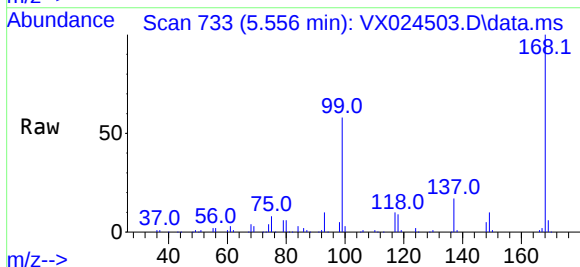
Instrument :
MSVOA_X
ClientSampled :

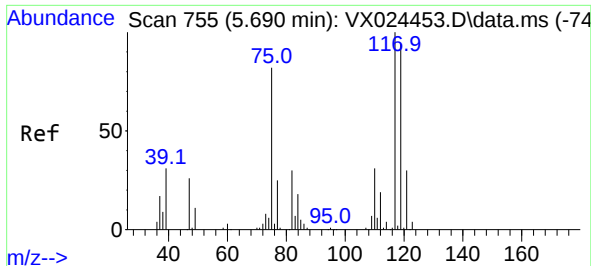
Tgt Ion:113 Resp: 80680
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

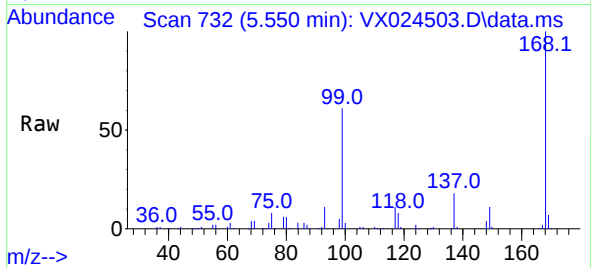
Tgt Ion: 75 Resp: 11754
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.4#
77 0.0 25.3 37.9#



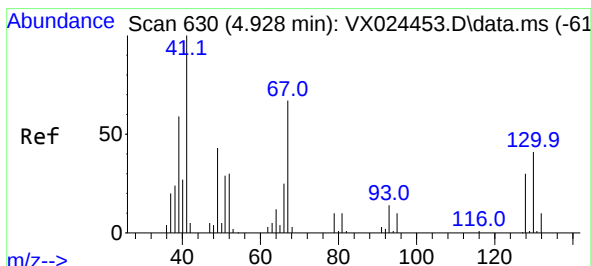
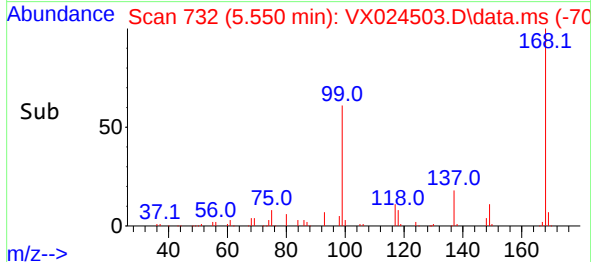
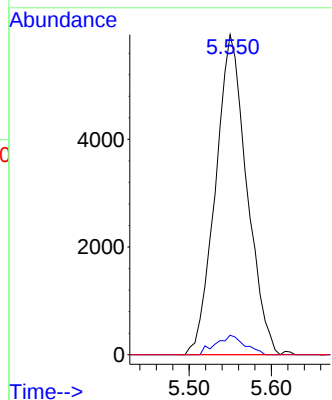


#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Instrument :
MSVOA_X
ClientSampled :

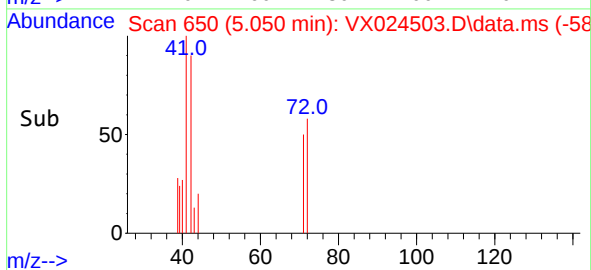
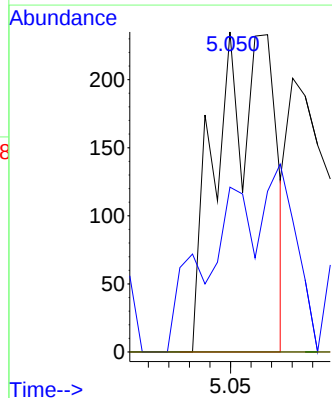
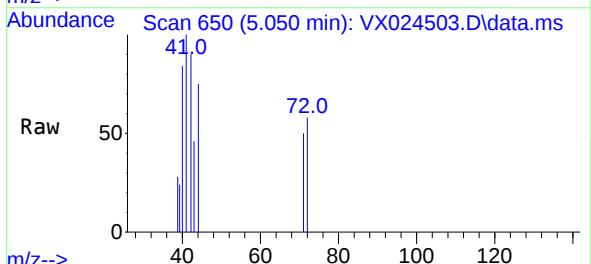


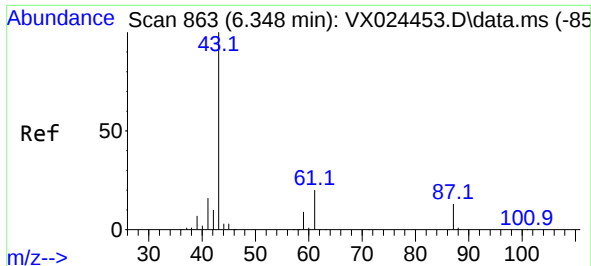
Tgt Ion:117 Resp: 15754
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.285 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 41 Resp: 449
Ion Ratio Lower Upper
41 100
39 45.2 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

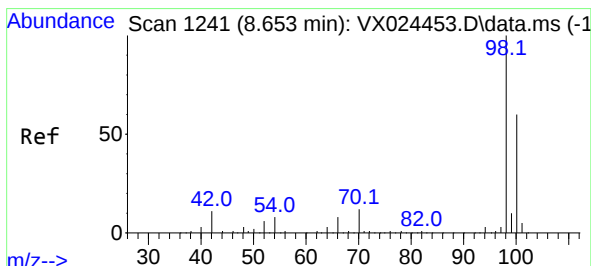
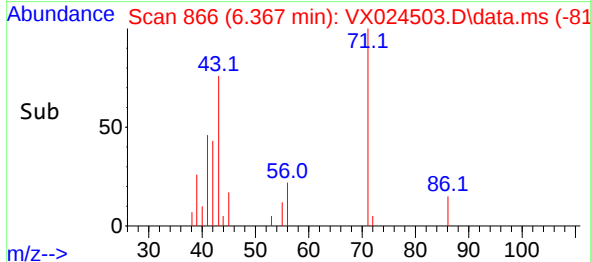
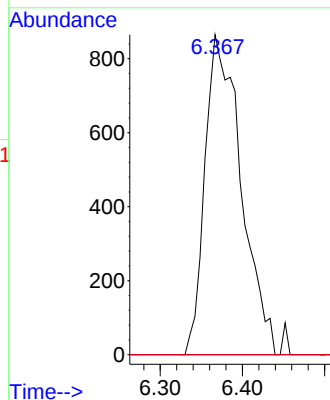
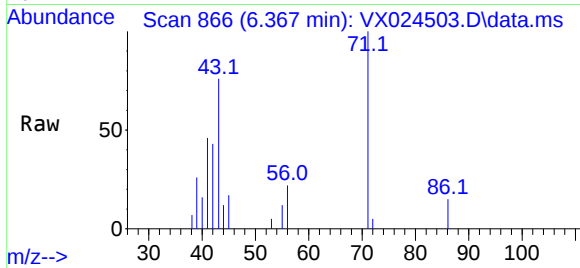




#43
Isopropyl Acetate
Concen: 0.570 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.019 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

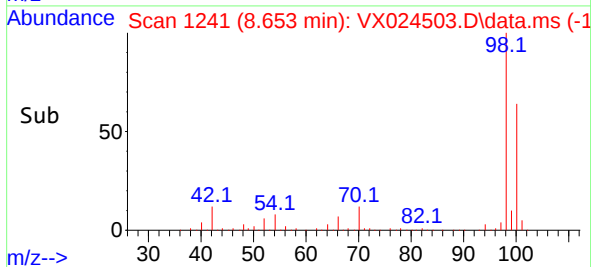
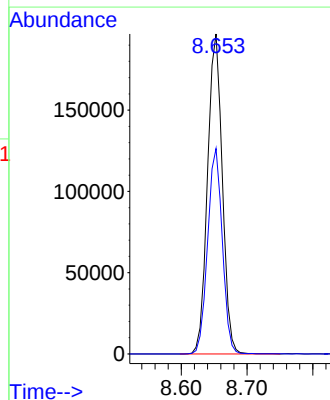
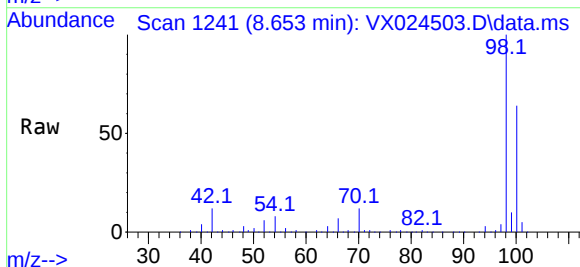
Instrument :
MSVOA_X
ClientSampled :

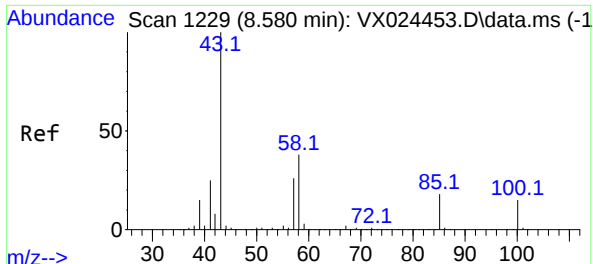
Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 98 Resp: 307586
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

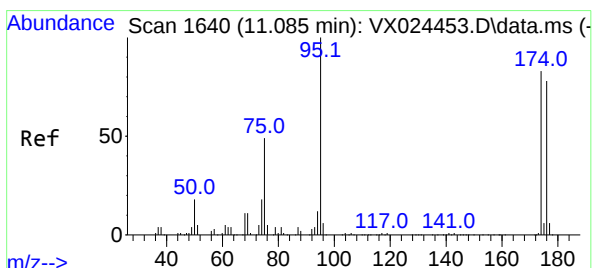
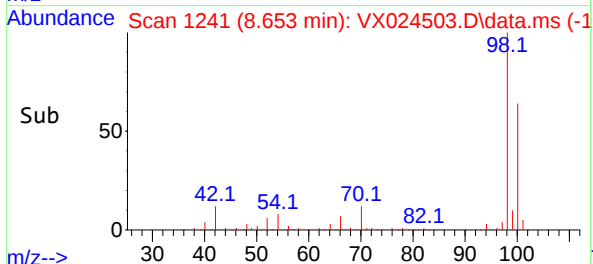
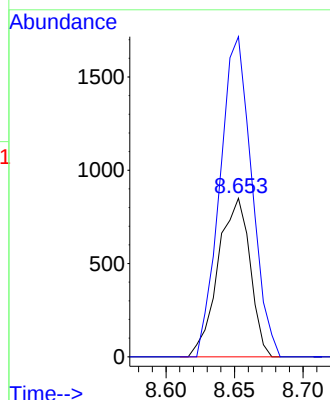
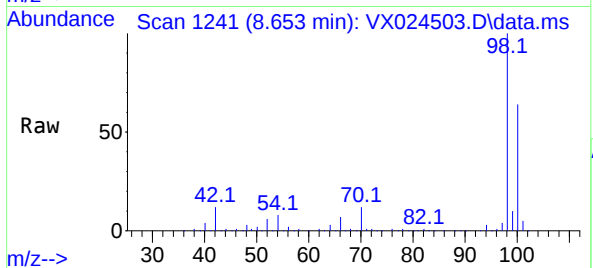




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

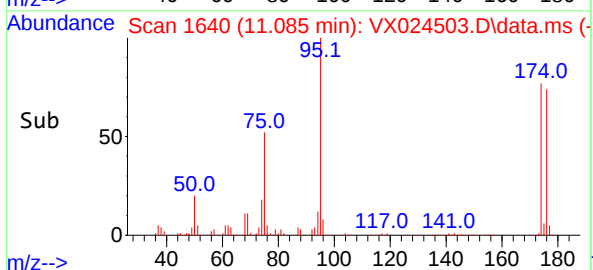
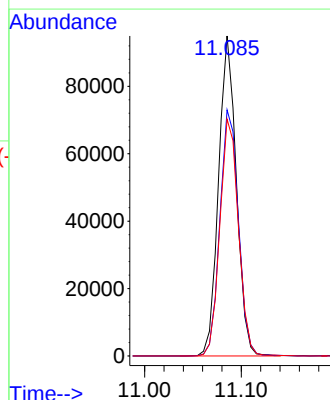
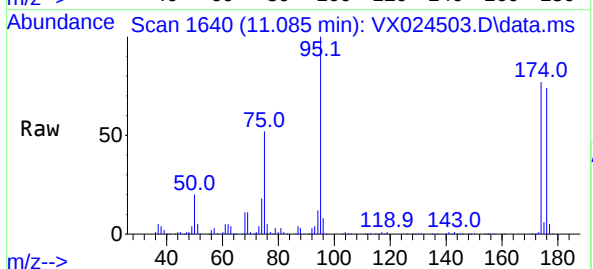
Instrument :
MSVOA_X
ClientSampled :

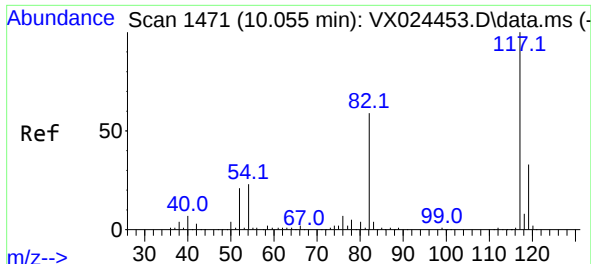
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 200.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.339 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 95 Resp: 120916
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 77.1 0.0 155.8

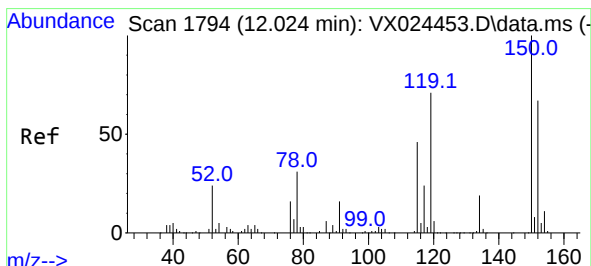
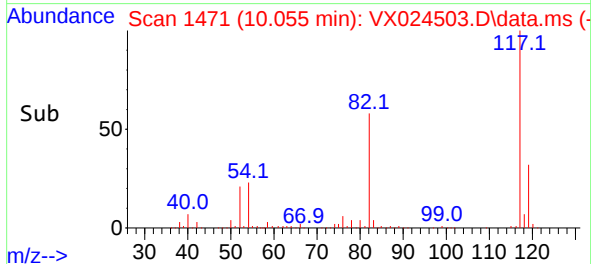
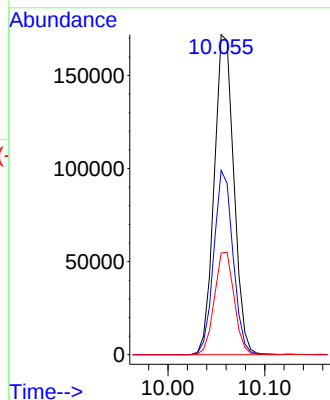
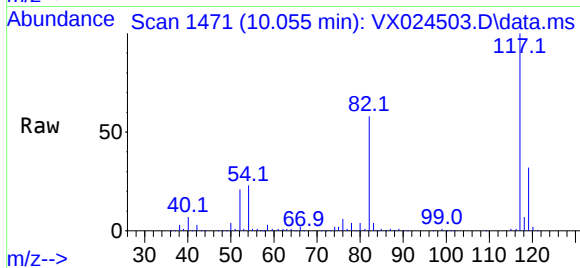




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

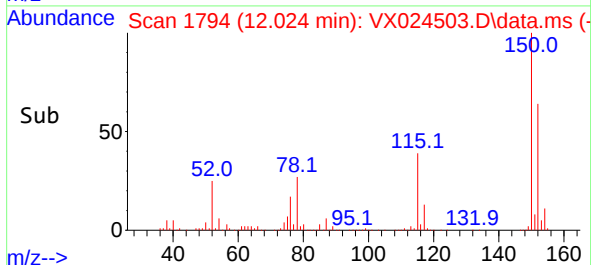
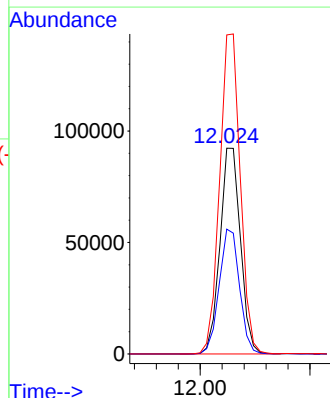
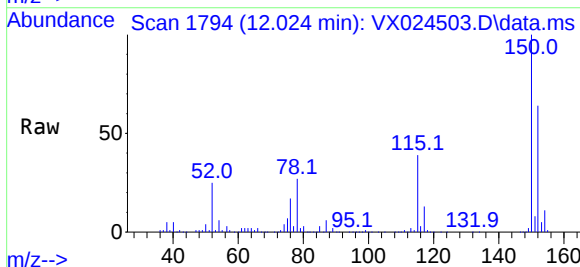
Instrument :
MSVOA_X
ClientSampleId :

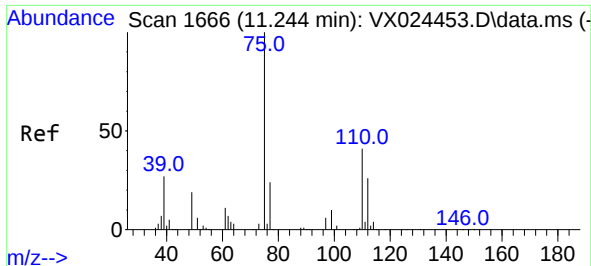
Tgt Ion:117 Resp: 243033
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion:152 Resp: 119977
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 156.4 0.0 349.0

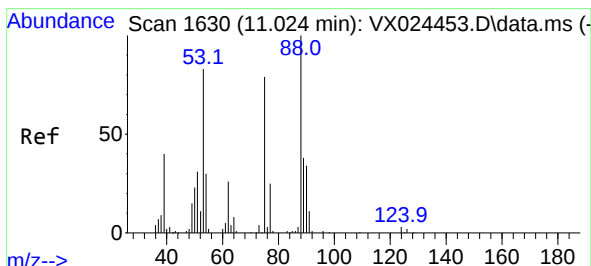
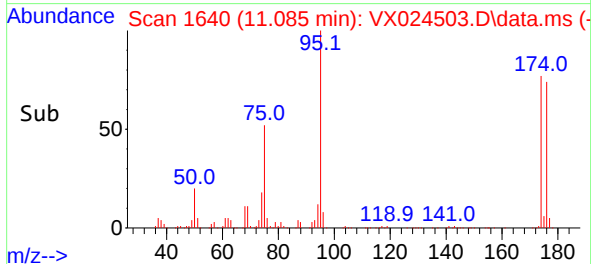
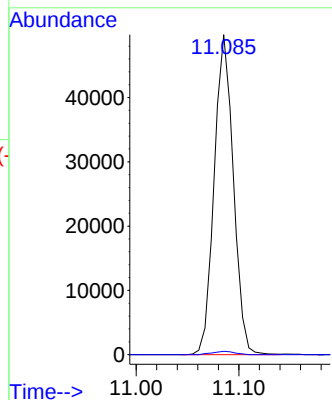
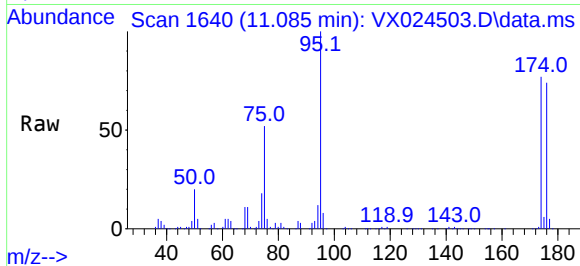




#76
1,2,3-Trichloropropane
Concen: 23.662 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 64469
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.628 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024503.D
Acq: 01 Oct 2021 16:11

Tgt Ion: 75 Resp: 64469
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

