

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029002.D
 Acq On : 26 May 2022 16:25
 Operator : JC/MD
 Sample : N3066-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 07:34:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

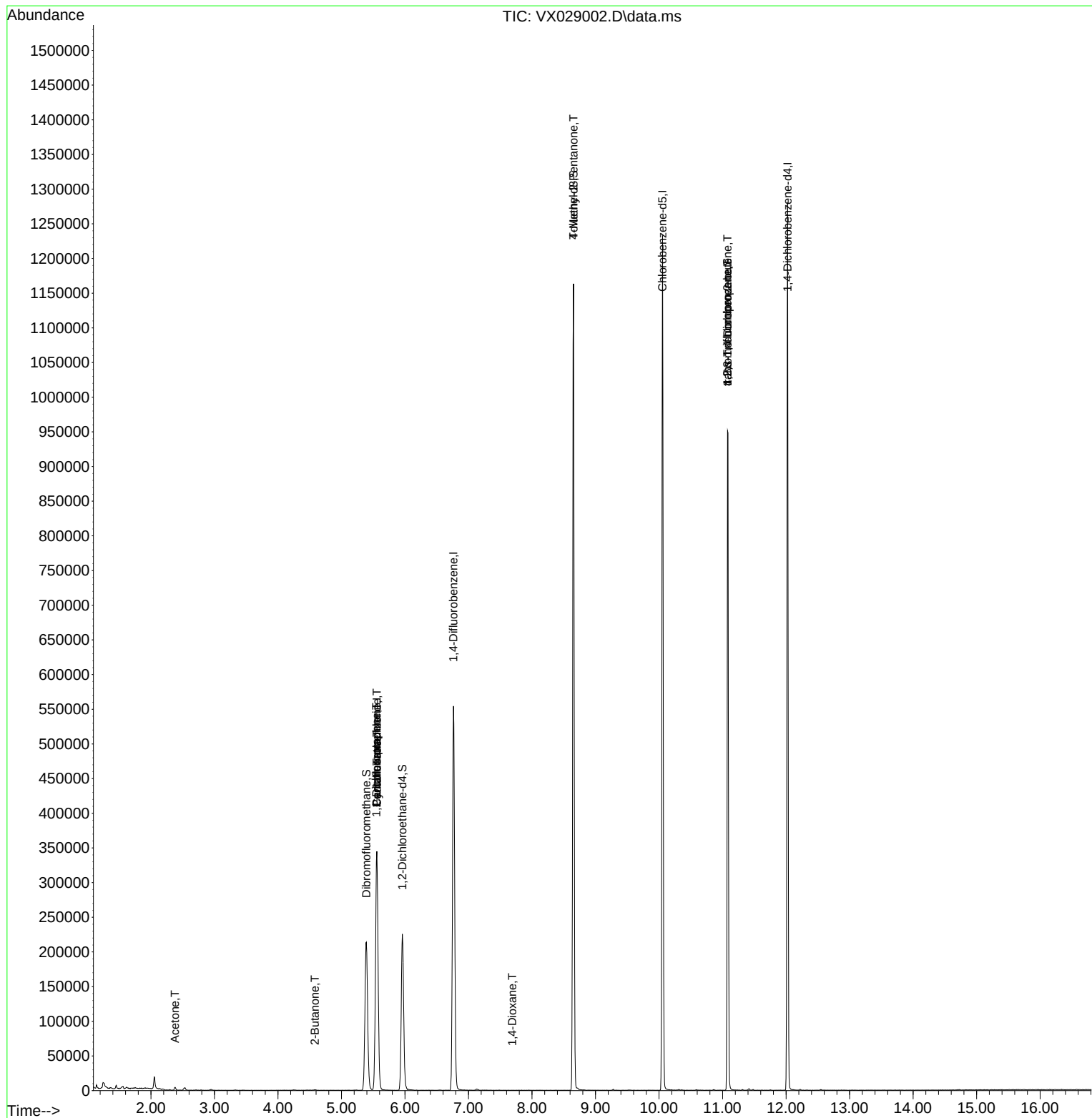
Internal Standards						
1) Pentafluorobenzene	5.556	168	325627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219664	49.212	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.420%
35) Dibromofluoromethane	5.391	113	192221	50.283	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.560%
50) Toluene-d8	8.653	98	694655	48.198	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	273571	50.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	978	Below Cal	#	60
6) Chloroethane	1.672	64	93	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	886	Below Cal	#	72
16) Acetone	2.380	43	4326	2.258	ug/l	93
25) 2-Butanone	4.580	43	777	0.258	ug/l	# 82
31) Cyclohexane	5.556	56	6496	1.048	ug/l	# 12
36) 1,1-Dichloropropene	5.550	75	24334	4.238	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	34086	5.899	ug/l	# 16
49) 1,4-Dioxane	7.690	88	24	0.212	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.653	43	2573	0.416	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	136479	22.202	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	136479	64.976	ug/l	# 15

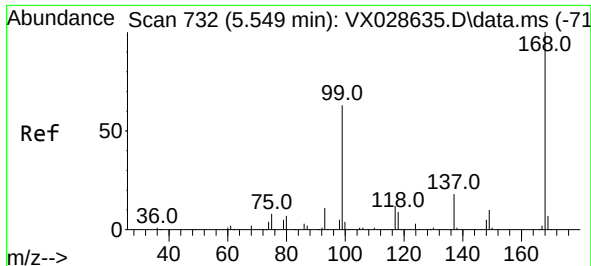
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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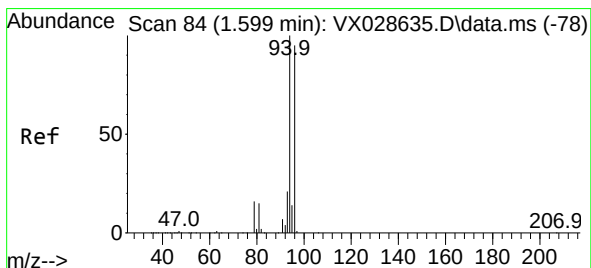
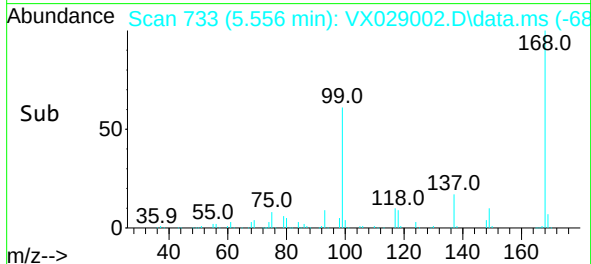
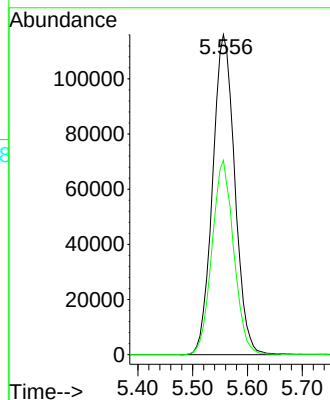
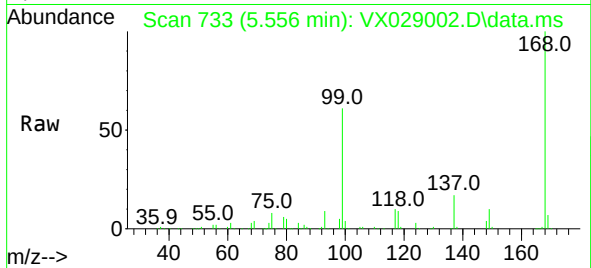




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

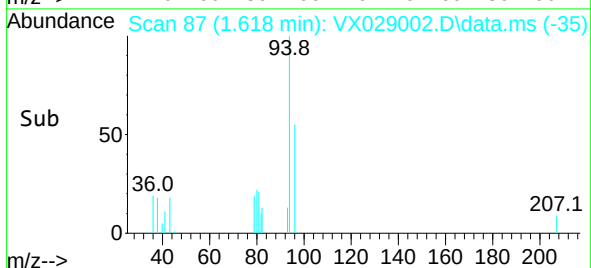
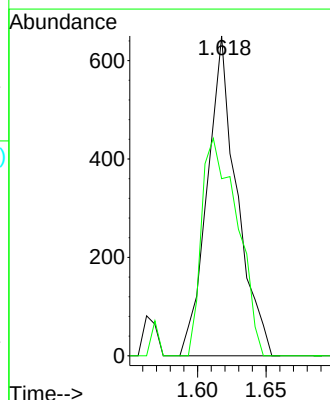
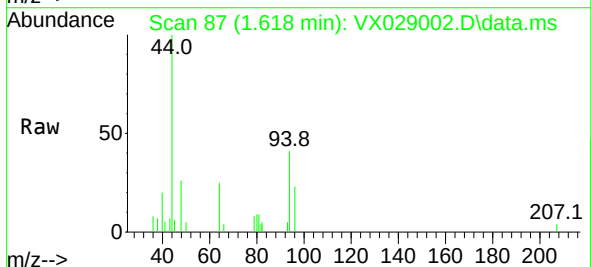
Instrument :
MSVOA_X
ClientSampleId :

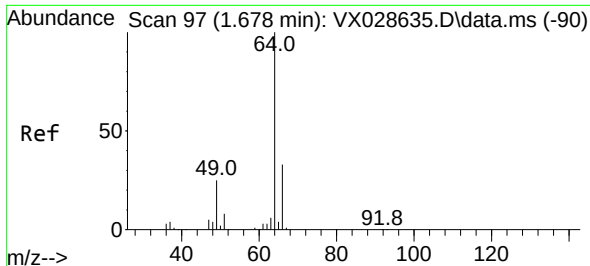
Tgt Ion:168 Resp: 325627
Ion Ratio Lower Upper
168 100
99 60.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Tgt Ion: 94 Resp: 978
Ion Ratio Lower Upper
94 100
96 55.4 75.3 112.9#

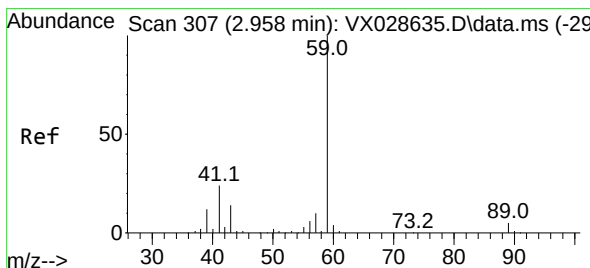
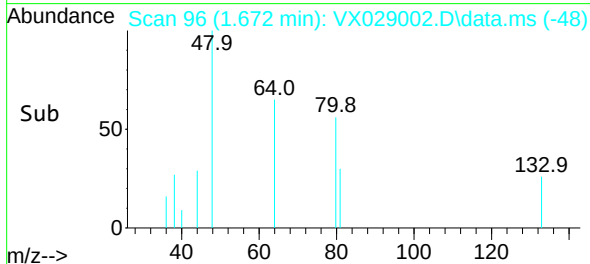
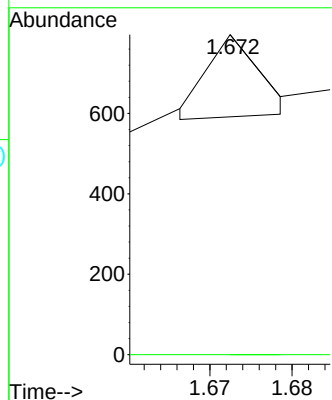
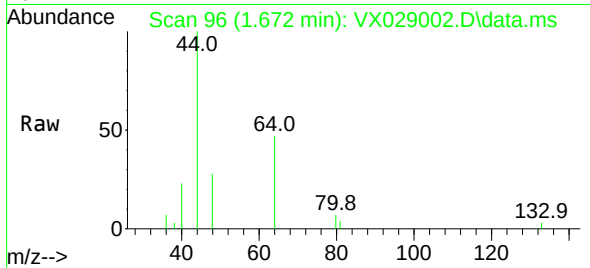




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

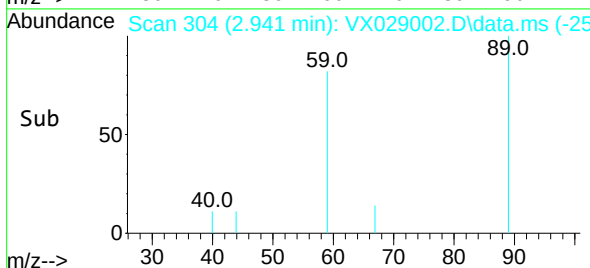
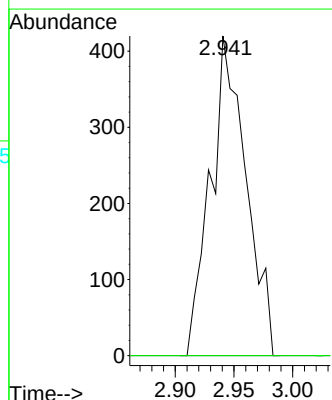
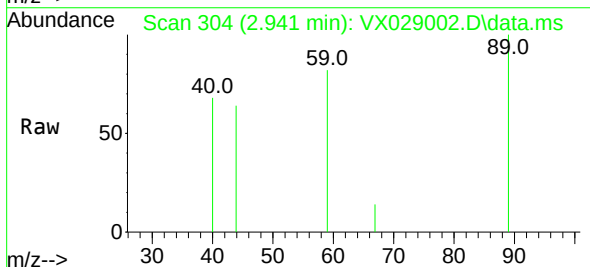
Instrument :
MSVOA_X
ClientSampleId :

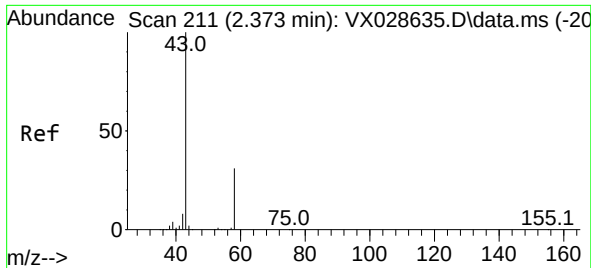
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

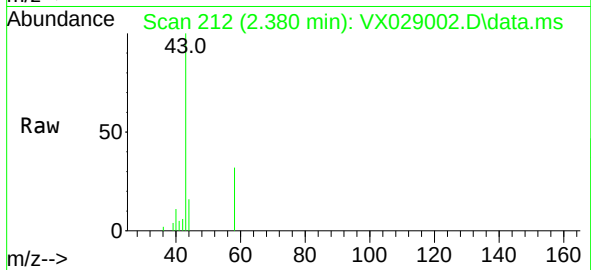
Tgt Ion: 59 Resp: 886
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



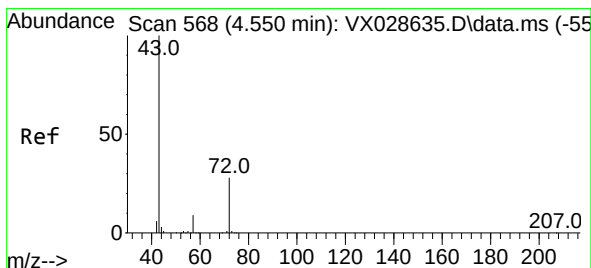
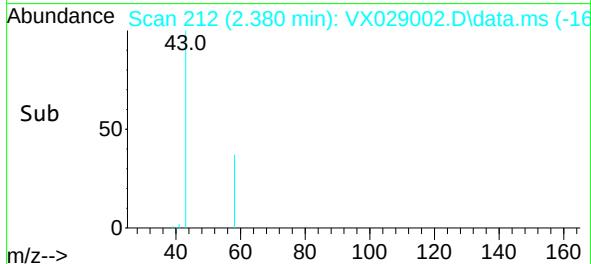
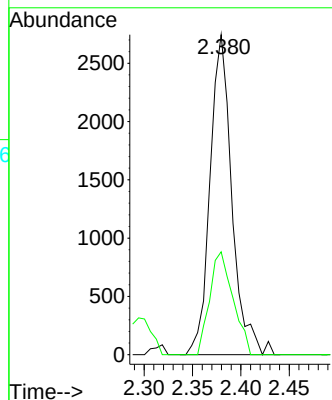


#16
Acetone
Concen: 2.258 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :

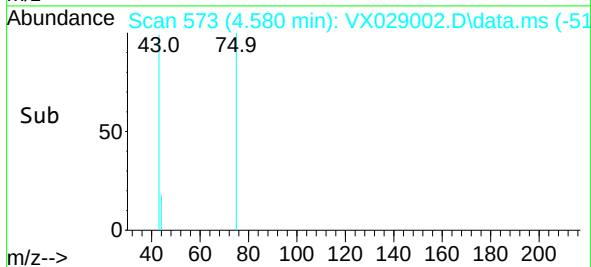
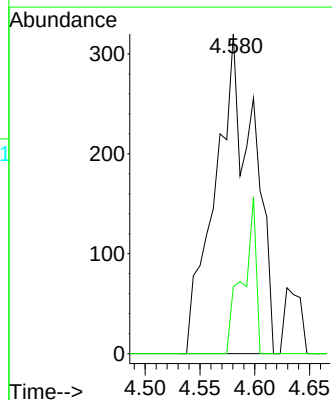
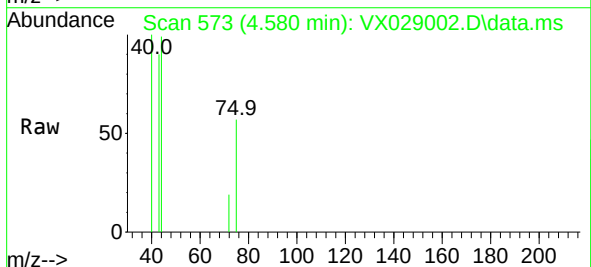


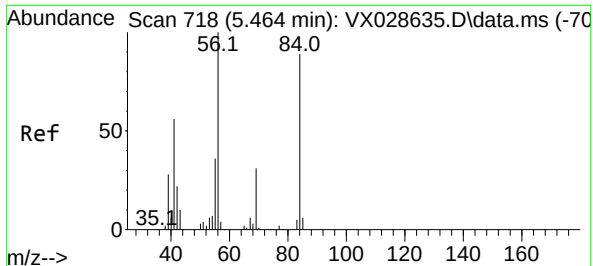
Tgt Ion: 43 Resp: 4326
Ion Ratio Lower Upper
43 100
58 32.2 28.8 43.2



#25
2-Butanone
Concen: 0.258 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.030 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

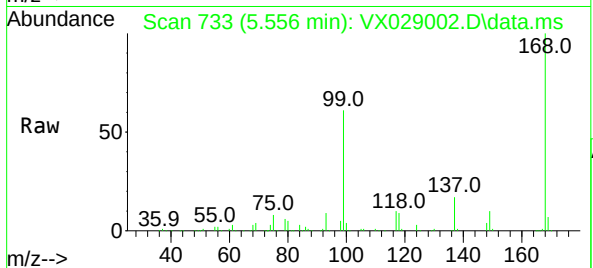
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
72 20.9 24.4 36.6#



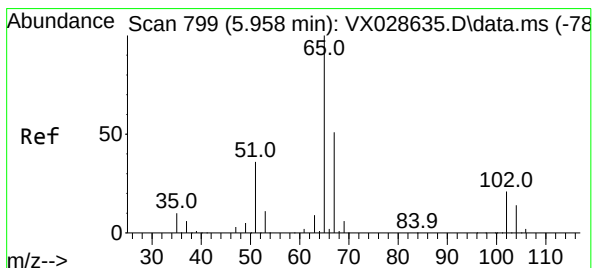
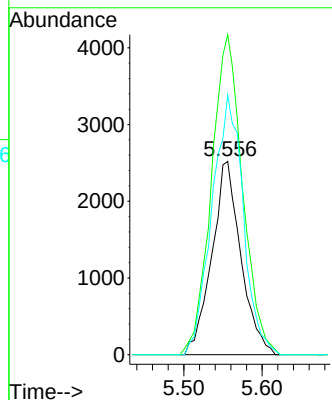
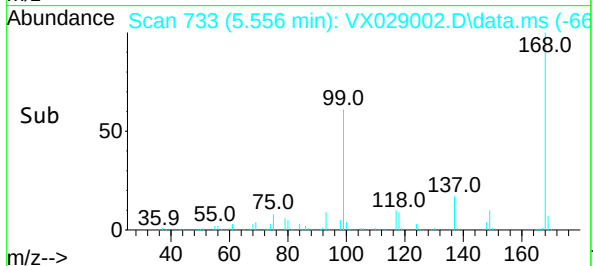


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :

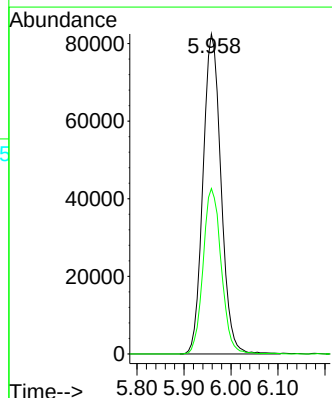
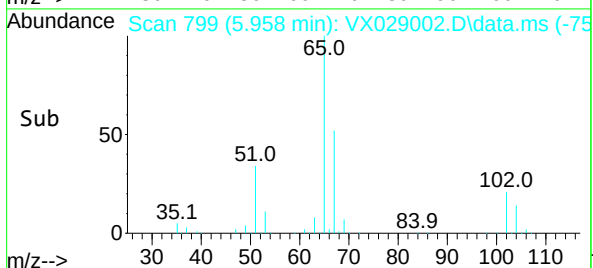
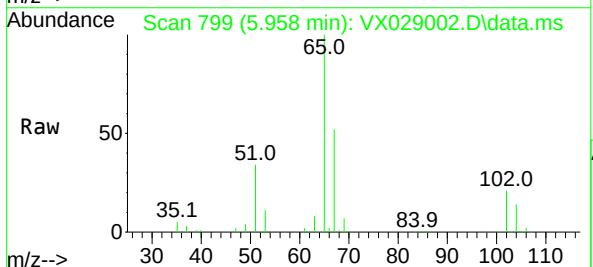


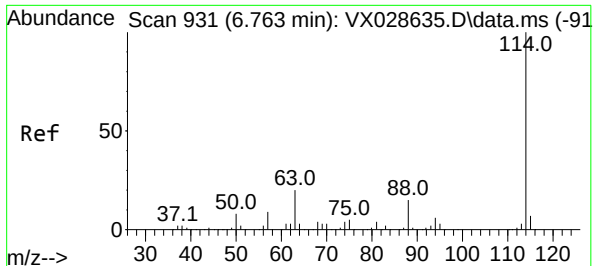
Tgt Ion: 56 Resp: 6496
Ion Ratio Lower Upper
56 100
69 165.5 26.7 40.1#
84 134.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.212 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Tgt Ion: 65 Resp: 219664
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

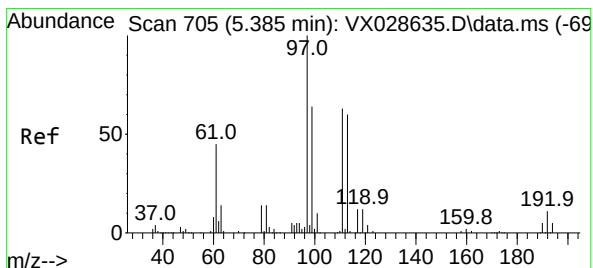
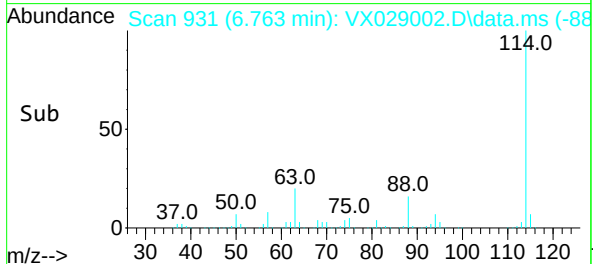
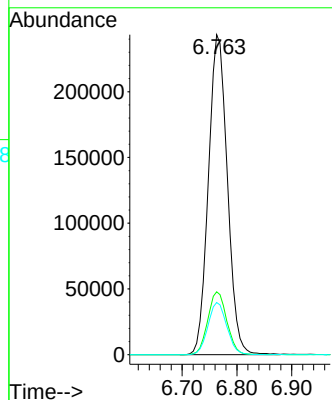
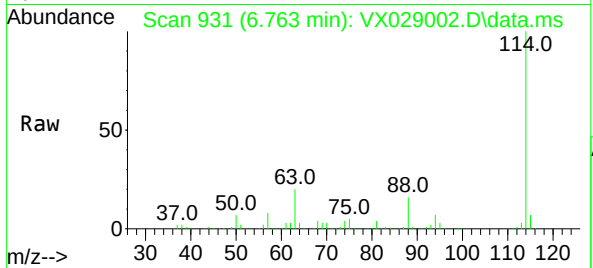




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

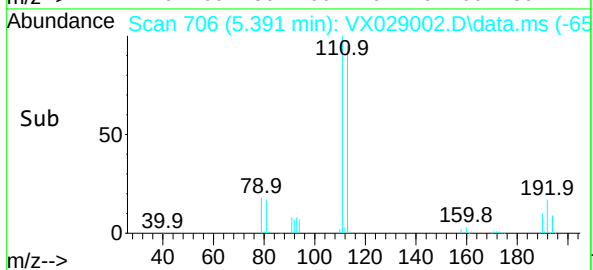
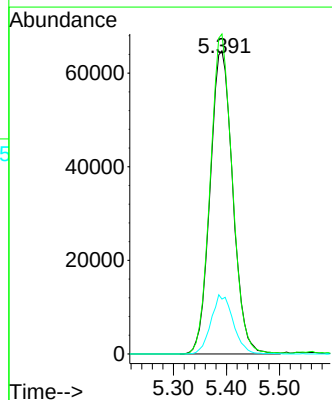
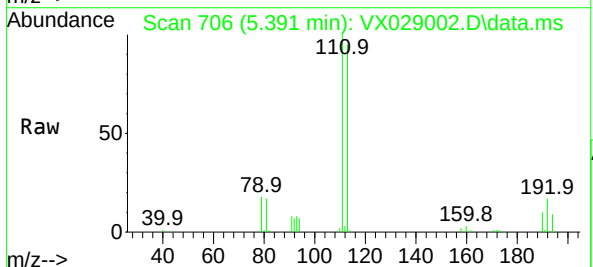
Instrument :
MSVOA_X
ClientSampleId :

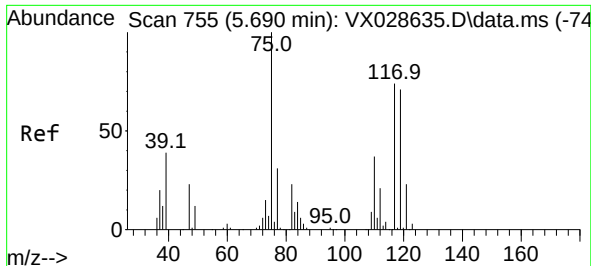
Tgt Ion:114 Resp: 583461
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

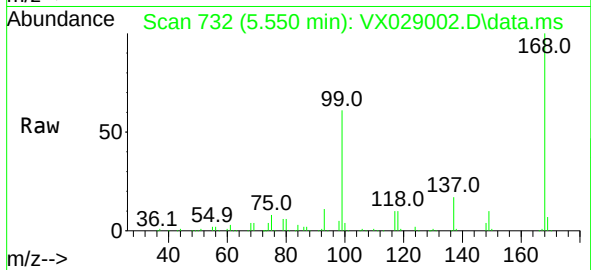
Tgt Ion:113 Resp: 192221
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.1 16.9 25.3



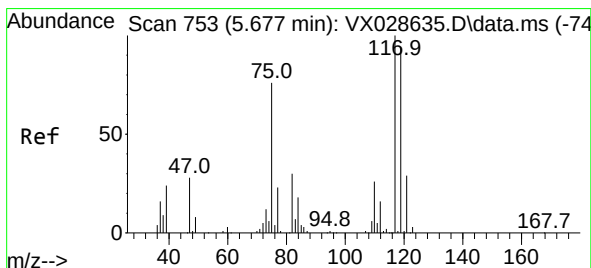
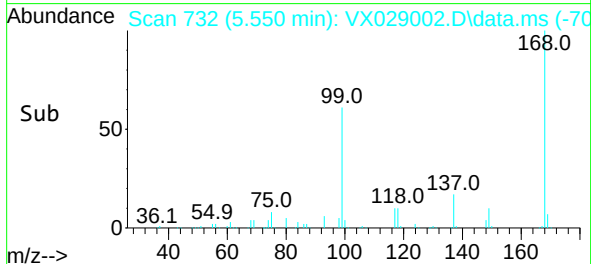
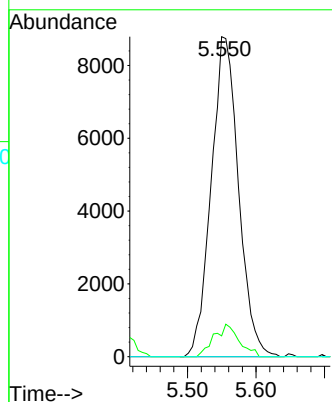


#36
1,1-Dichloropropene
Concen: 4.238 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :

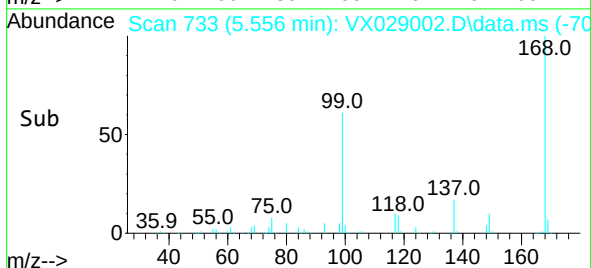
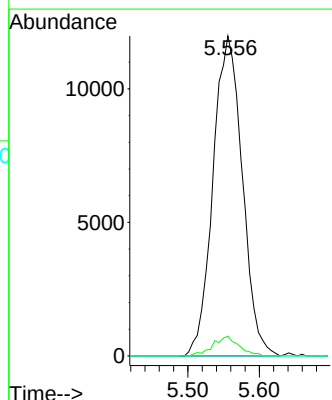
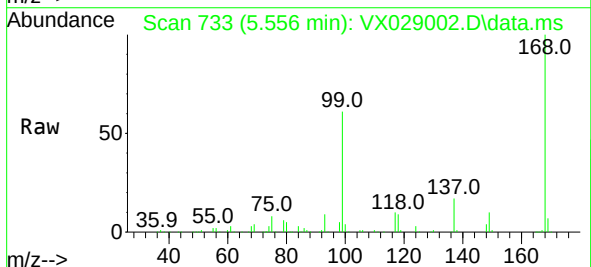


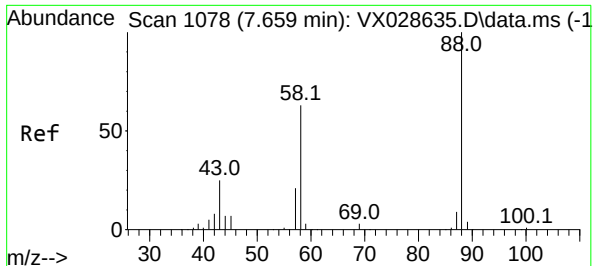
Tgt Ion: 75 Resp: 24334
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Tgt Ion: 117 Resp: 34086
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.212 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

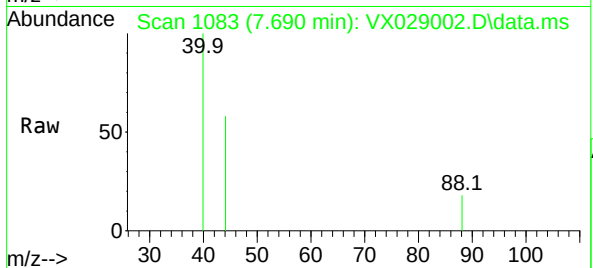
Lab File: VX029002.D

Acq: 26 May 2022 16:25

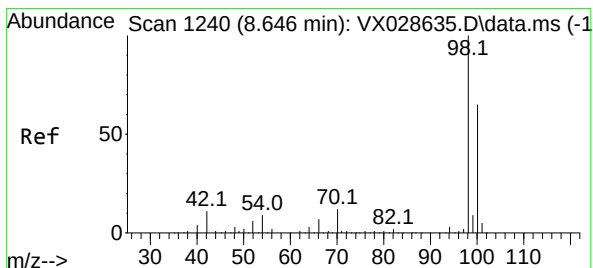
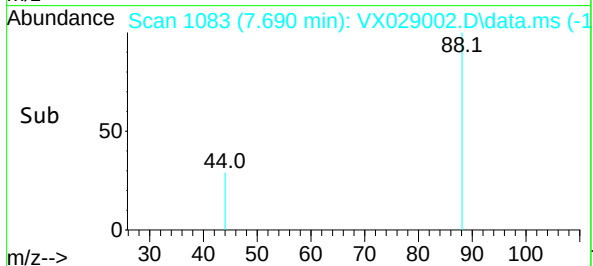
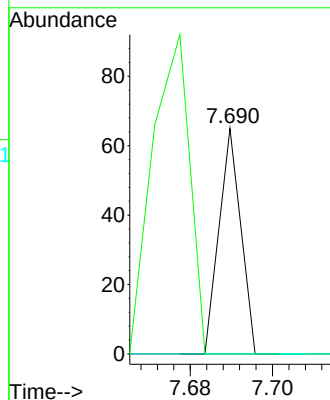
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	24
Ion	Ratio	Lower	Upper
88	100		
43	241.7	21.9	32.9#
58	0.0	53.7	80.5#



#50

Toluene-d8

Concen: 48.198 ug/l

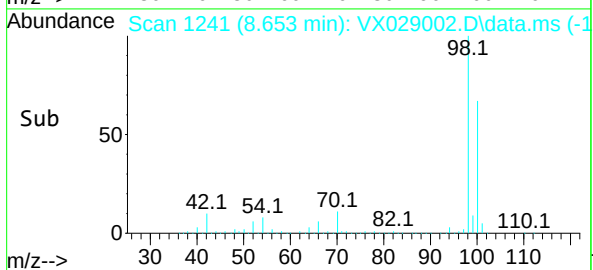
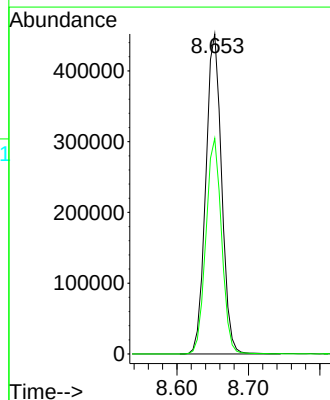
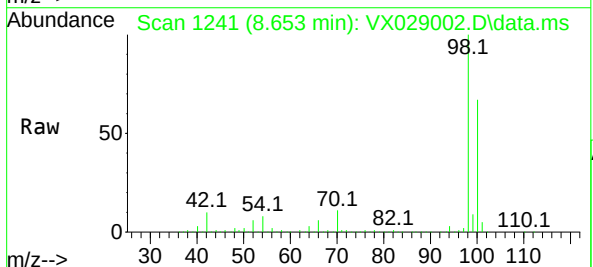
RT: 8.653 min Scan# 1241

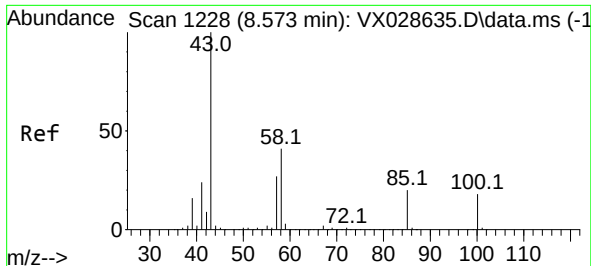
Delta R.T. 0.007 min

Lab File: VX029002.D

Acq: 26 May 2022 16:25

Tgt Ion:	98	Resp:	694655
Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 0.416 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.080 min

Lab File: VX029002.D

Acq: 26 May 2022 16:25

Instrument :

MSVOA_X

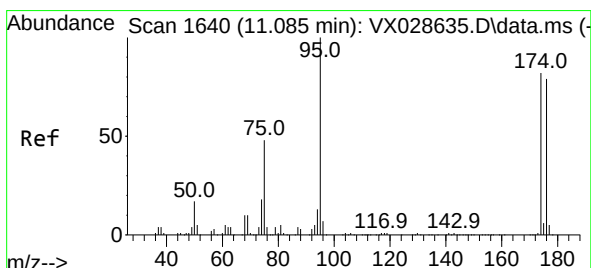
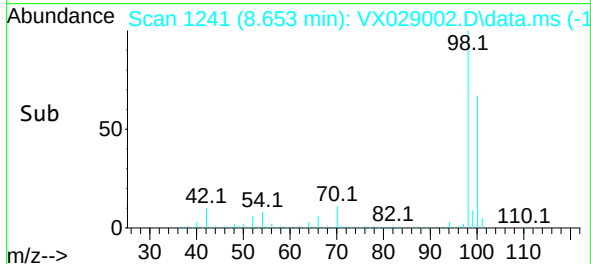
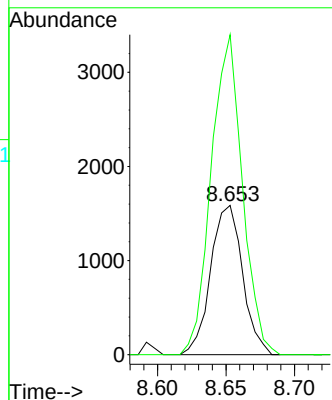
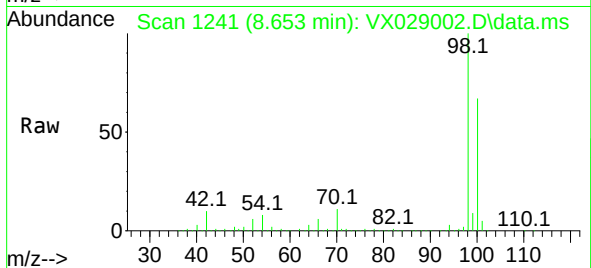
ClientSampleId :

Tgt Ion: 43 Resp: 2573

Ion Ratio Lower Upper

43 100

58 209.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 50.820 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029002.D

Acq: 26 May 2022 16:25

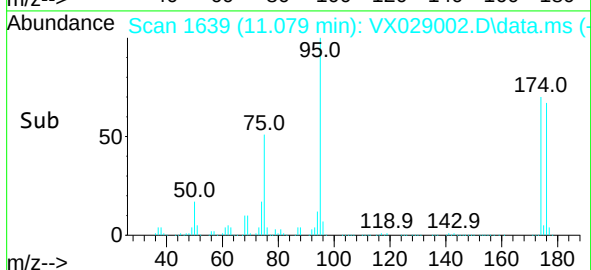
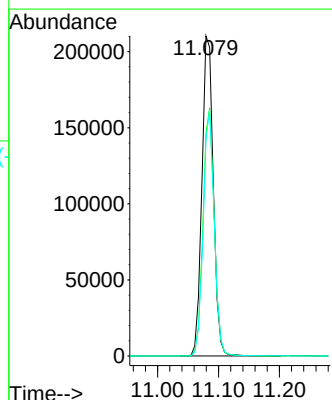
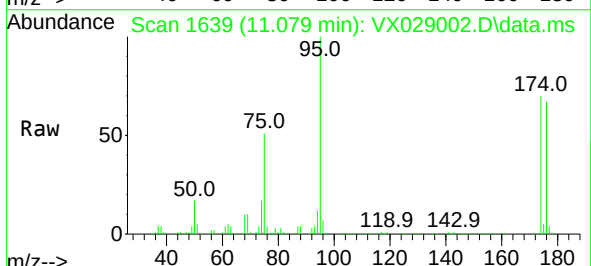
Tgt Ion: 95 Resp: 273571

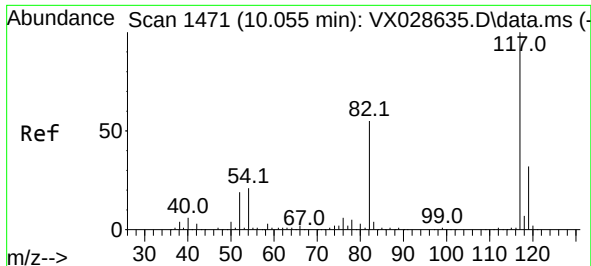
Ion Ratio Lower Upper

95 100

174 76.5 0.0 163.0

176 74.3 0.0 155.0

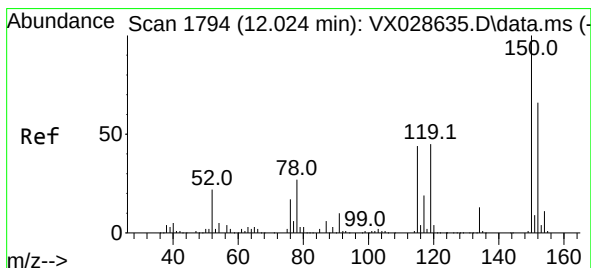
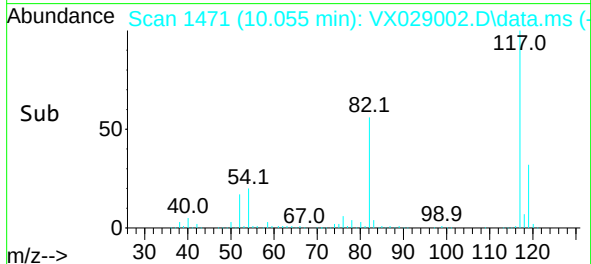
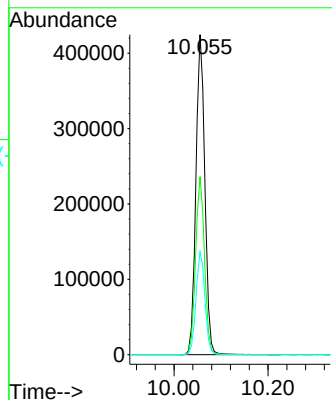
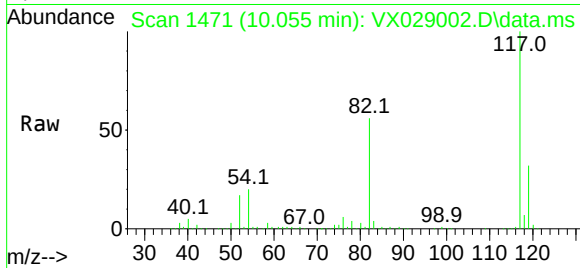




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

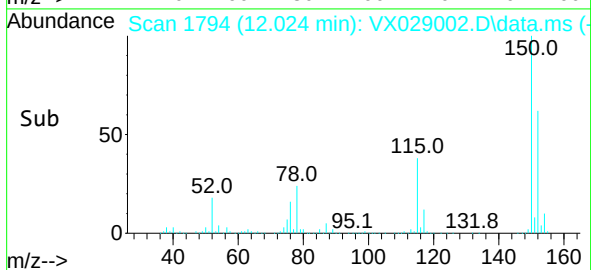
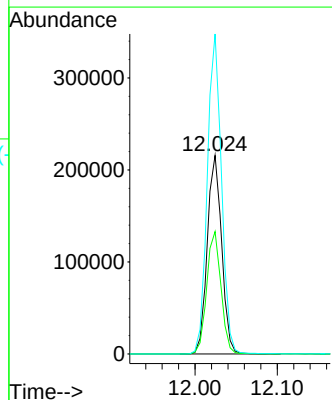
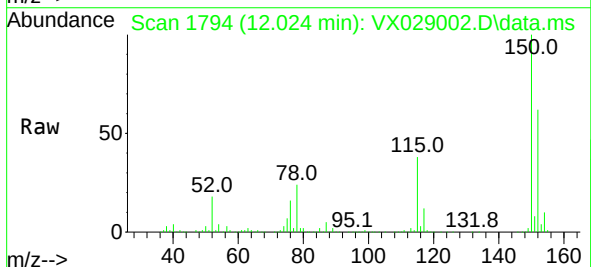
Instrument :
MSVOA_X
ClientSampleId :

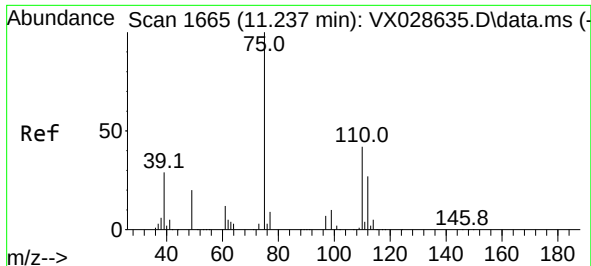
Tgt Ion:117 Resp: 564786
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Tgt Ion:152 Resp: 262491
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 158.7 0.0 338.2

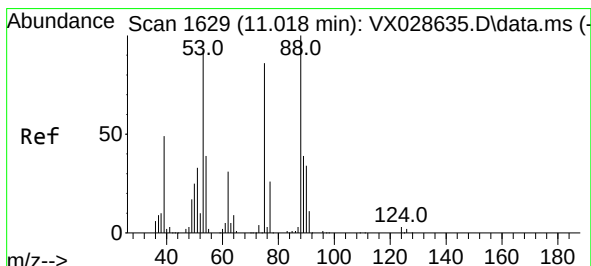
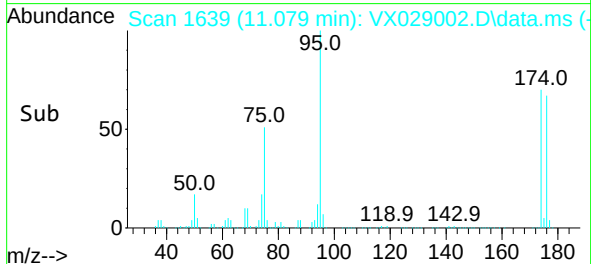
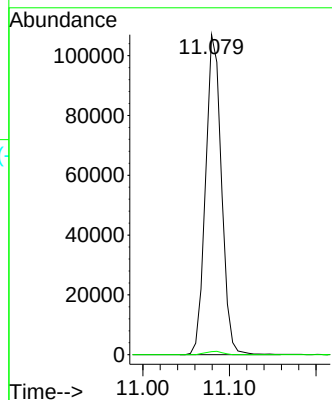
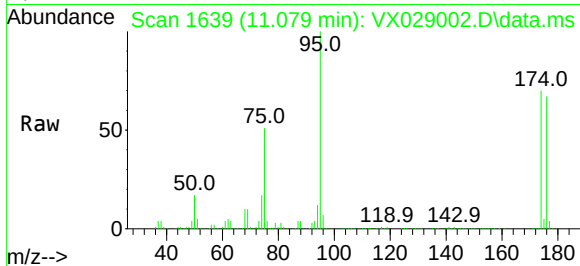




#76
1,2,3-Trichloropropane
Concen: 22.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 136479
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029002.D
Acq: 26 May 2022 16:25

Tgt Ion: 75 Resp: 136479
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

