

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028683.D
 Acq On : 13 May 2022 17:16
 Operator : JC/MD
 Sample : N2770-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19747

Quant Time: May 16 02:23:07 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)

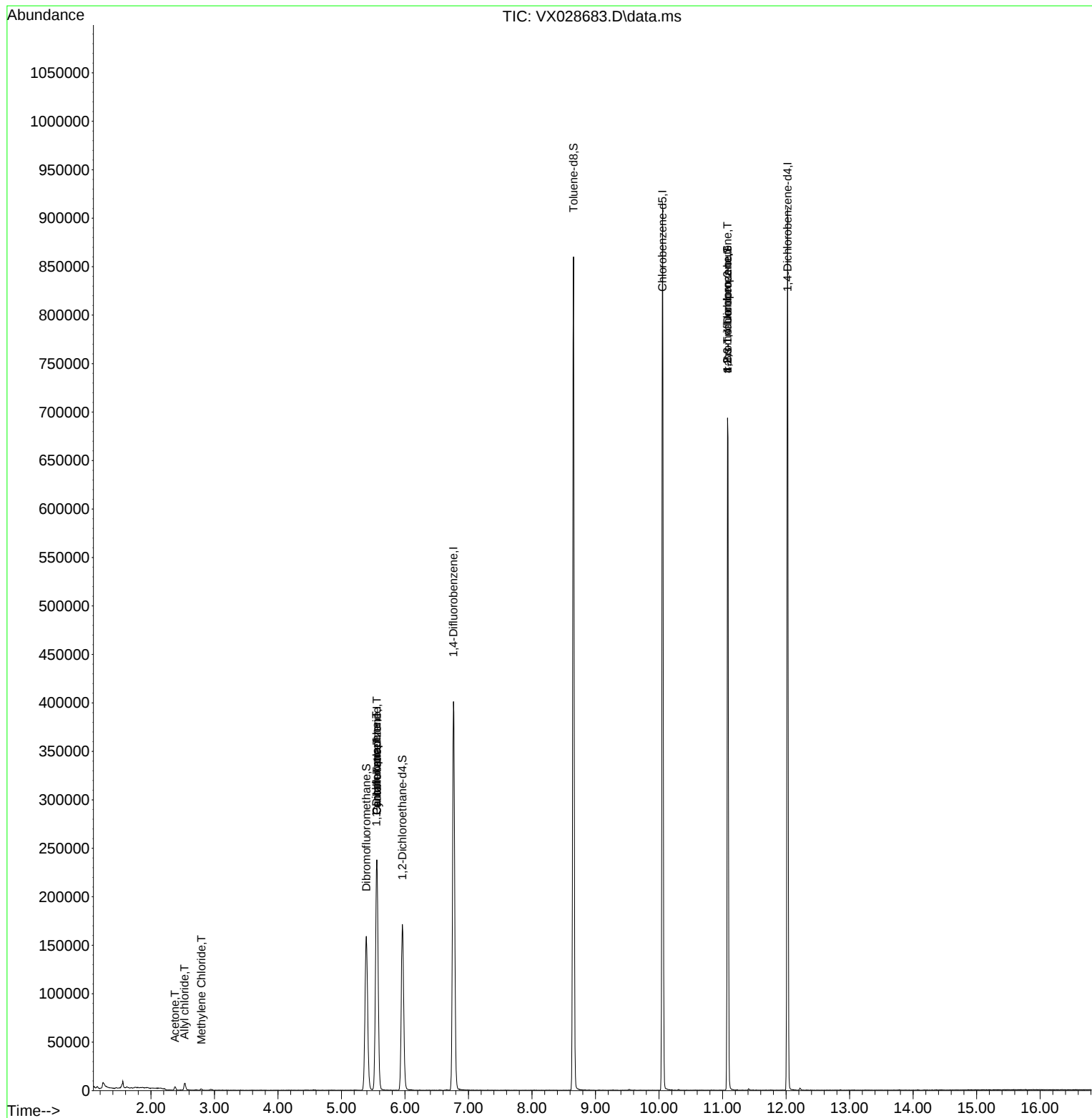
Internal Standards						
1) Pentafluorobenzene	5.556	168	216005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162248	54.796	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.600%	
35) Dibromofluoromethane	5.391	113	135974	50.898	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.800%	
50) Toluene-d8	8.653	98	496942	49.339	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	11.079	95	183721	48.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	560	Below Cal		86
6) Chloroethane	1.672	64	375	Below Cal	#	85
11) Tert butyl alcohol	2.941	59	585	Below Cal	#	72
14) Allyl chloride	2.526	41	753	0.210	ug/l #	39
16) Acetone	2.380	43	3944	3.104	ug/l #	83
20) Methylene Chloride	2.794	84	577	0.216	ug/l #	88
31) Cyclohexane	5.556	56	5339	1.299	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	17978	4.480	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23152	5.733	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	99358	24.015	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	99358	69.968	ug/l #	15

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

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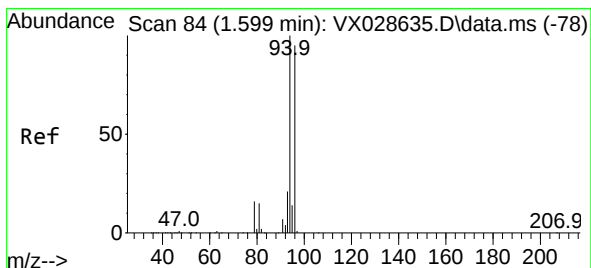
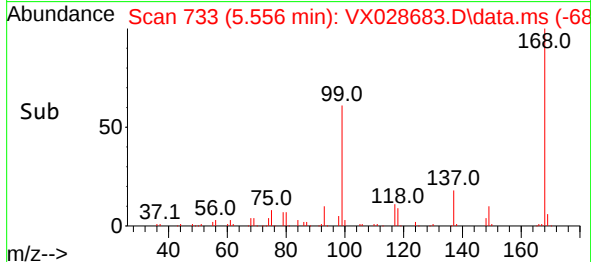
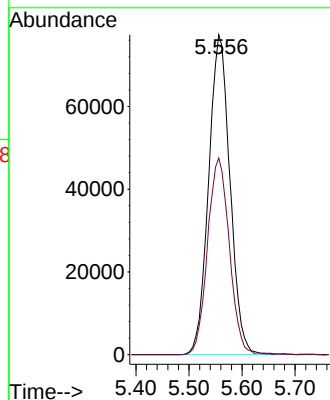
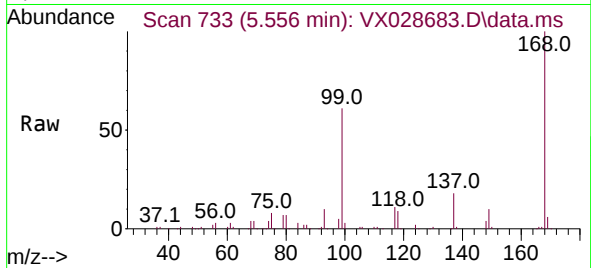




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

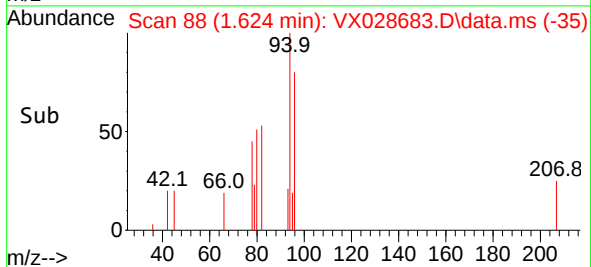
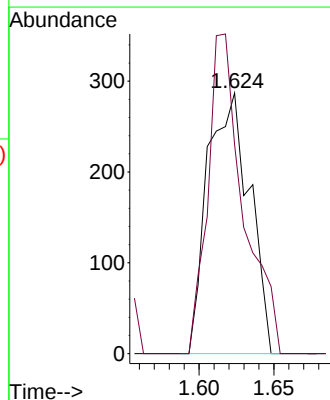
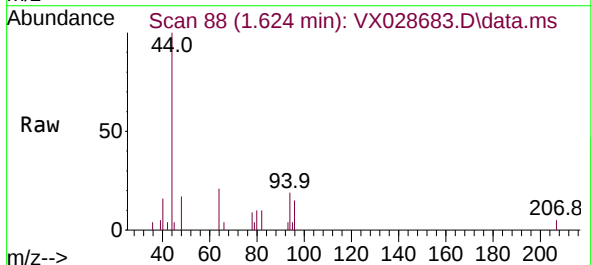
Instrument :
MSVOA_X
ClientSampleId :
M-19747

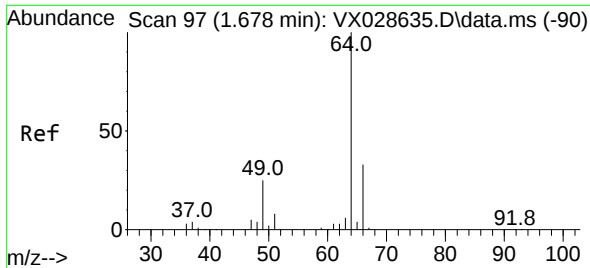
Tgt Ion:168 Resp: 216005
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 80.1 75.3 112.9

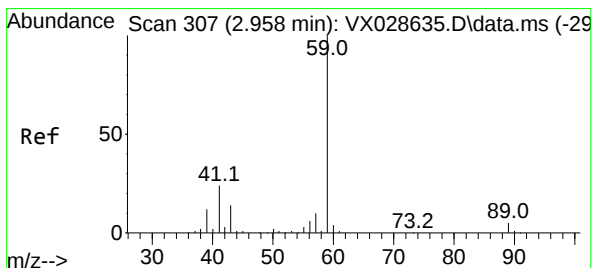
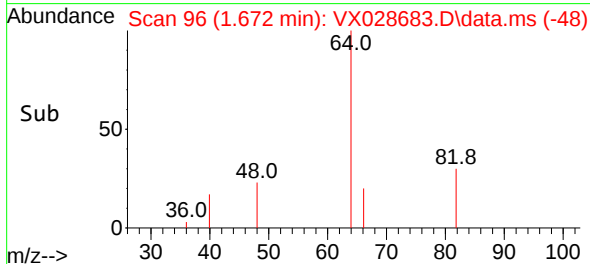
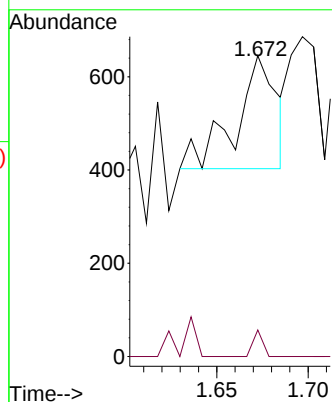
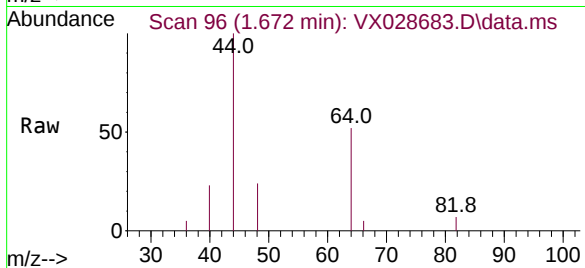




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

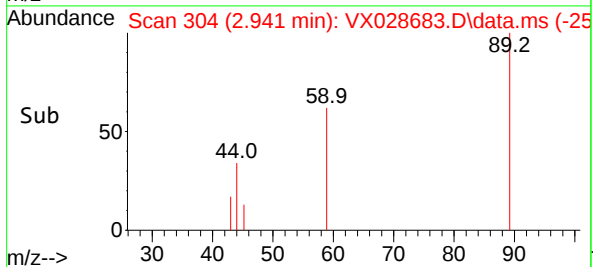
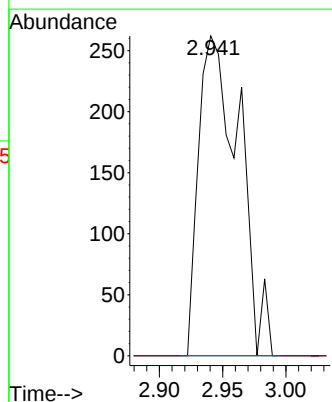
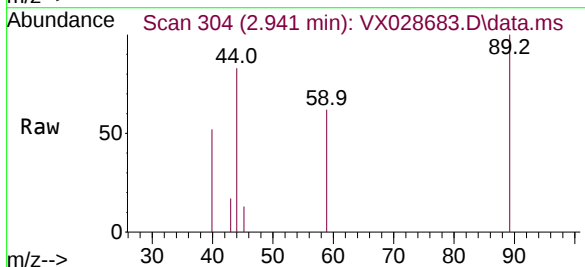
Instrument :
MSVOA_X
ClientSampleId :
M-19747

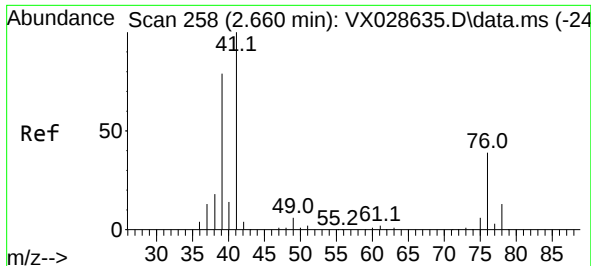
Tgt Ion: 64 Resp: 375
Ion Ratio Lower Upper
64 100
66 23.6 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

Tgt Ion: 59 Resp: 585
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.210 ug/l

RT: 2.526 min Scan# 212

Delta R.T. -0.134 min

Lab File: VX028683.D

Acq: 13 May 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

M-19747

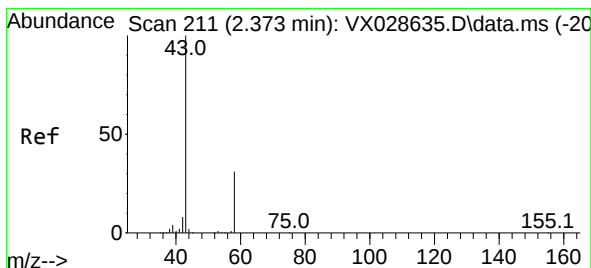
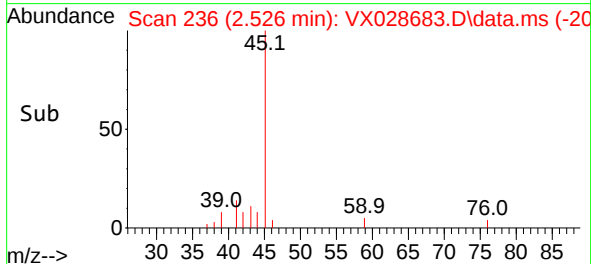
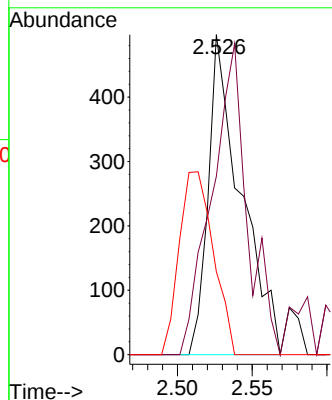
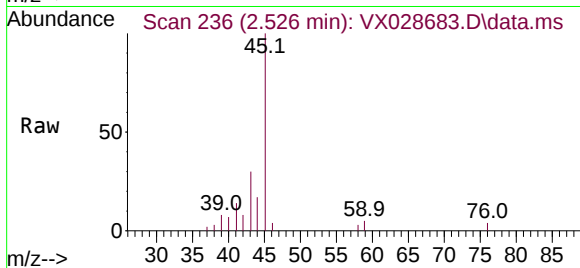
Tgt Ion: 41 Resp: 753

Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 59.9 32.7 49.1#



#16

Acetone

Concen: 3.104 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028683.D

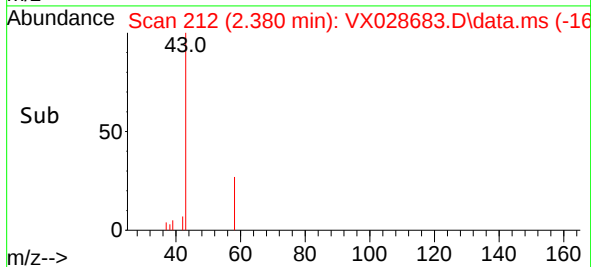
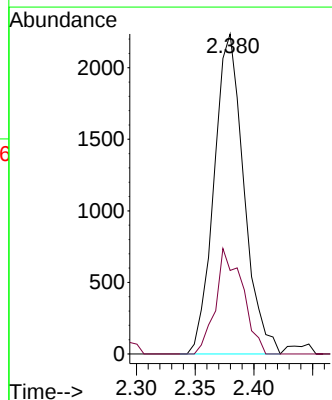
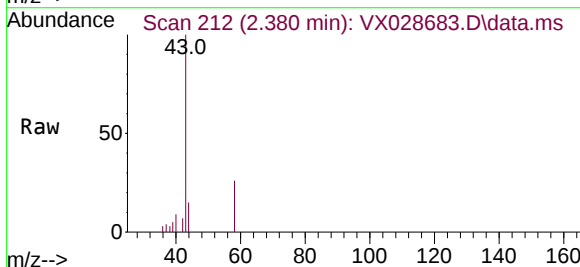
Acq: 13 May 2022 17:16

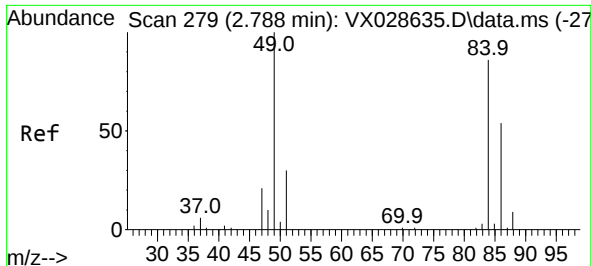
Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

58 26.1 28.8 43.2#

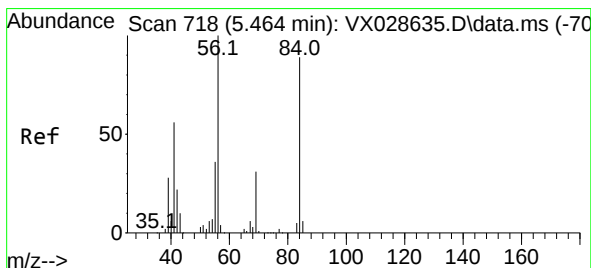
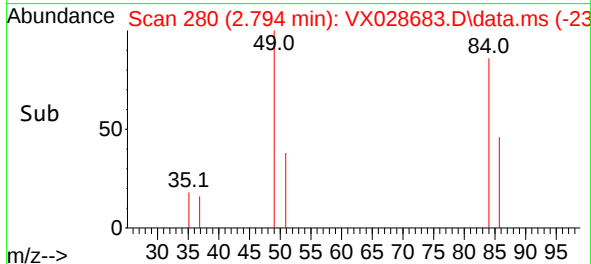
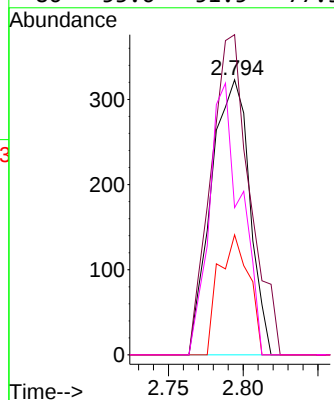
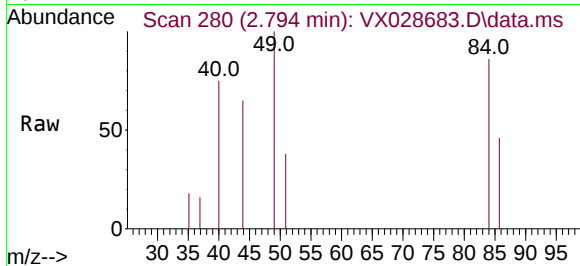




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

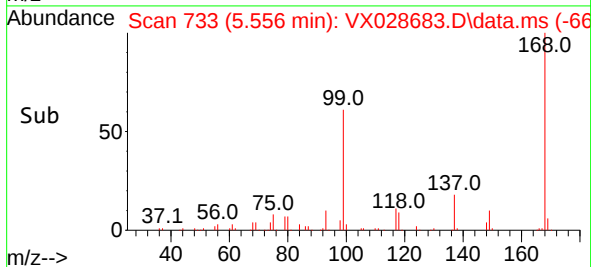
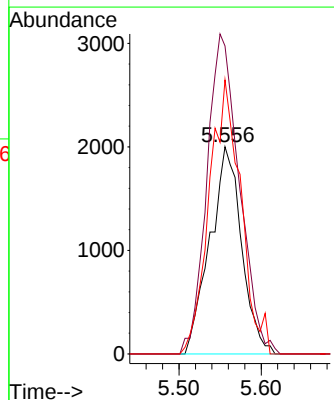
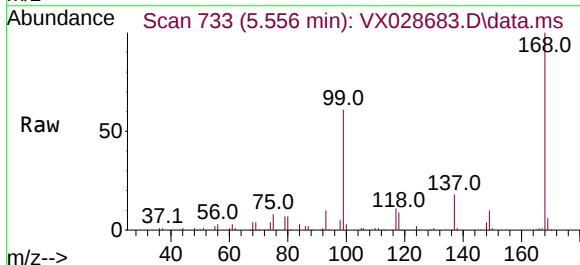
Instrument :
MSVOA_X
ClientSampleId :
M-19747

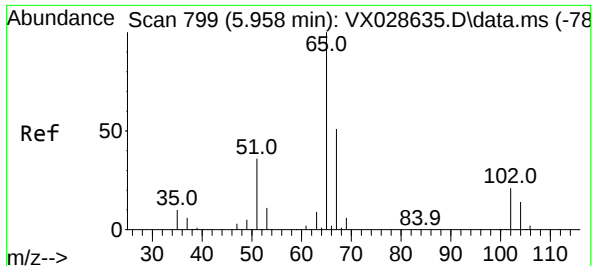
Tgt Ion:	84	Resp:	577
Ion	Ratio	Lower	Upper
84	100		
49	116.4	85.5	128.3
51	43.7	26.6	39.8#
86	53.6	51.5	77.3



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

Tgt Ion:	56	Resp:	5339
Ion	Ratio	Lower	Upper
56	100		
69	148.7	26.7	40.1#
84	132.3	77.2	115.8#

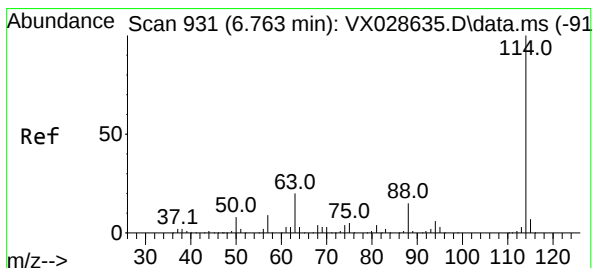
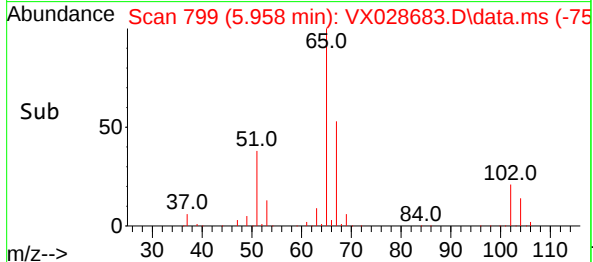
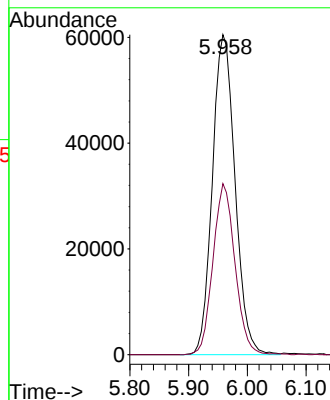
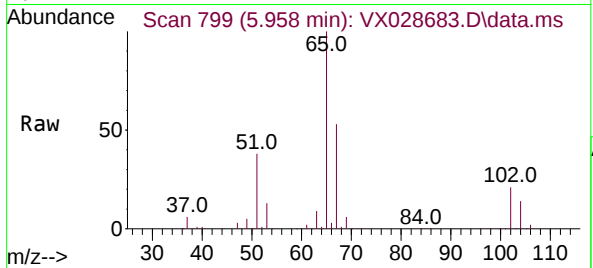




#33
 1,2-Dichloroethane-d4
 Concen: 54.796 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028683.D
 Acq: 13 May 2022 17:16

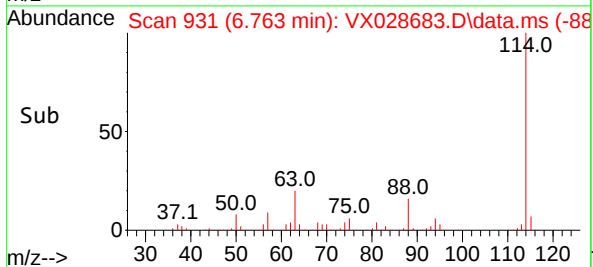
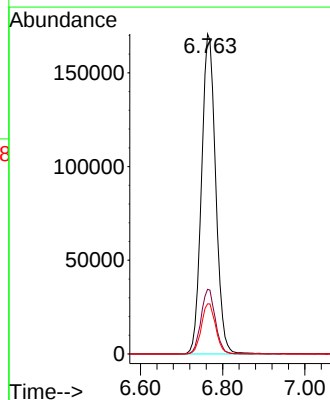
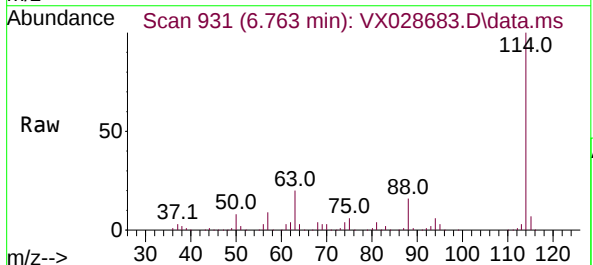
Instrument :
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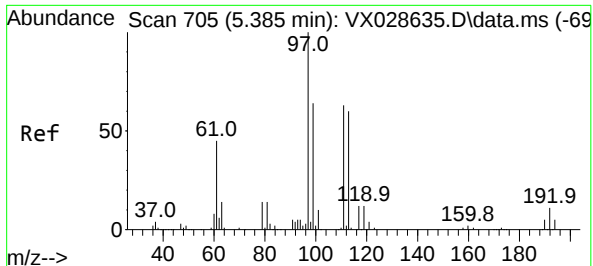
Tgt Ion: 65 Resp: 162248
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028683.D
 Acq: 13 May 2022 17:16

Tgt Ion: 114 Resp: 407748
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.8
 88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.898 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028683.D

Acq: 13 May 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

M-19747

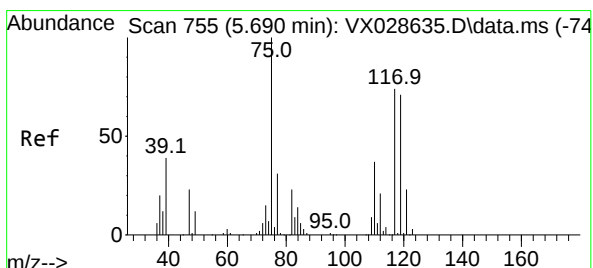
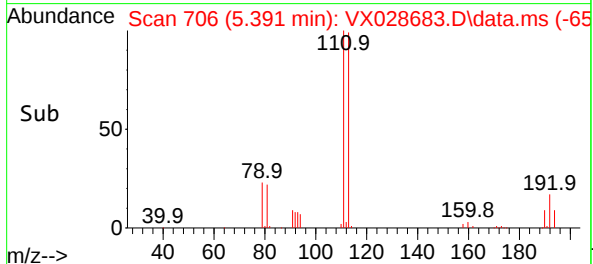
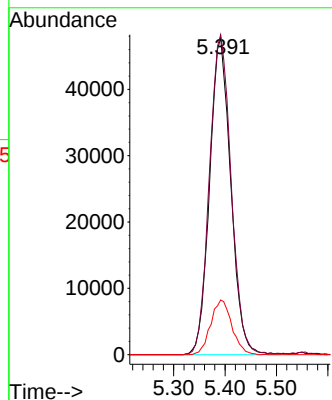
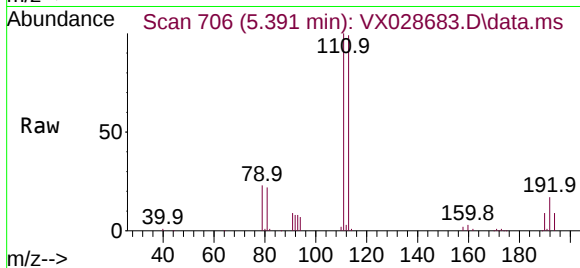
Tgt Ion:113 Resp: 135974

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 17.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.480 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028683.D

Acq: 13 May 2022 17:16

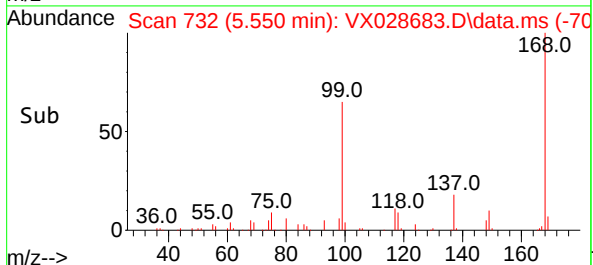
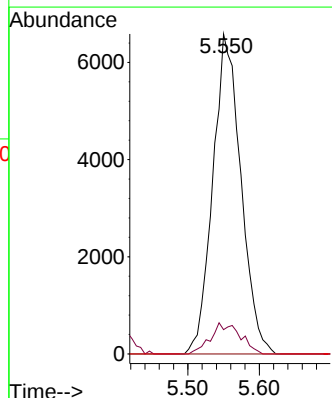
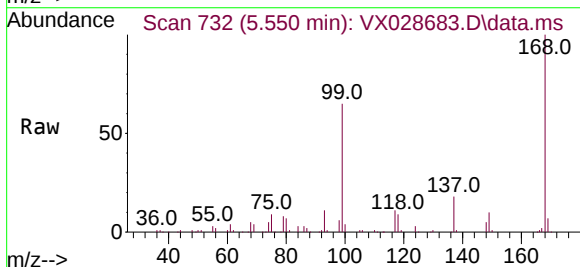
Tgt Ion: 75 Resp: 17978

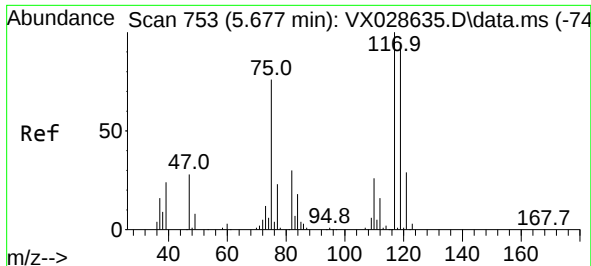
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 24.8 37.2#

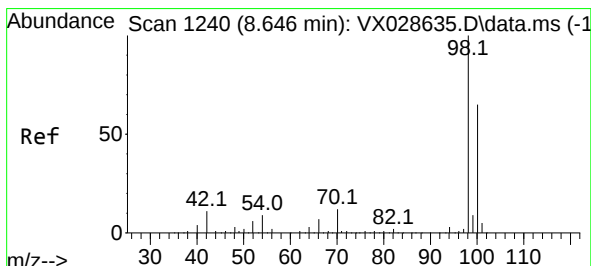
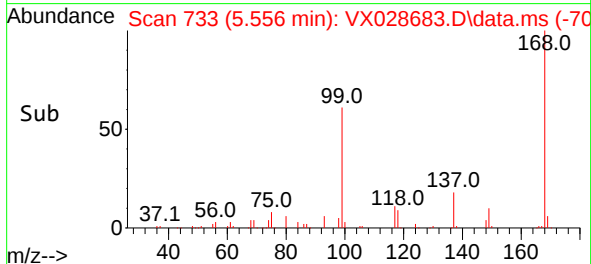
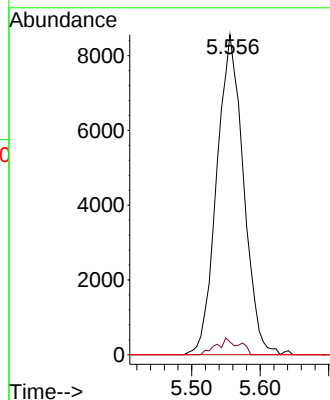
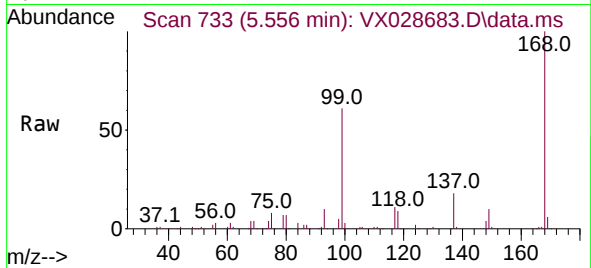




#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

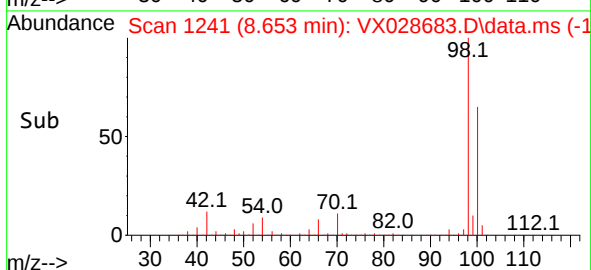
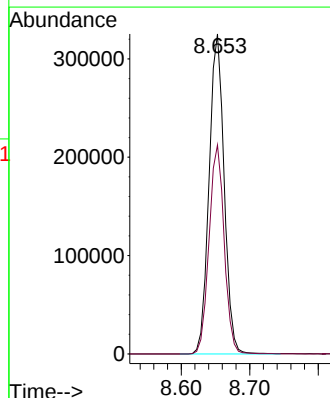
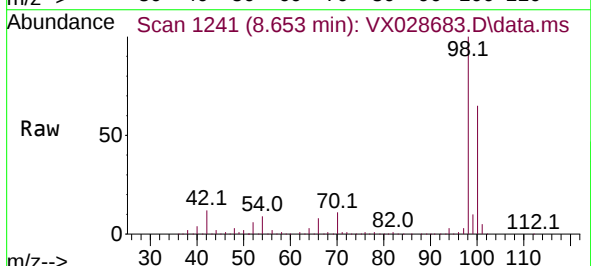
Instrument :
MSVOA_X
ClientSampleId :
M-19747

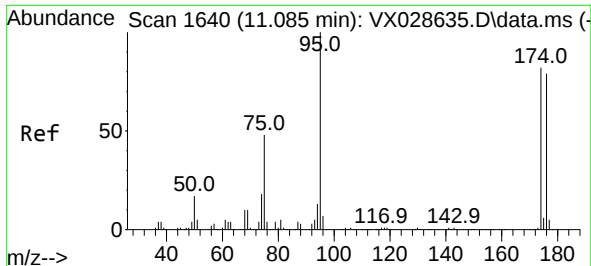
Tgt Ion:117 Resp: 23152
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.339 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

Tgt Ion: 98 Resp: 496942
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

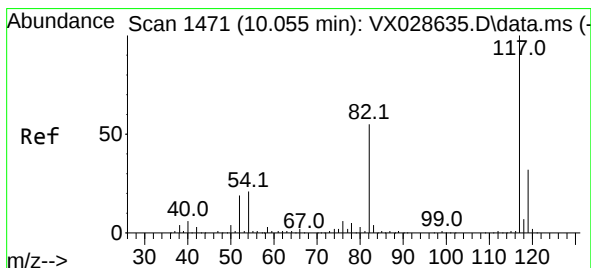
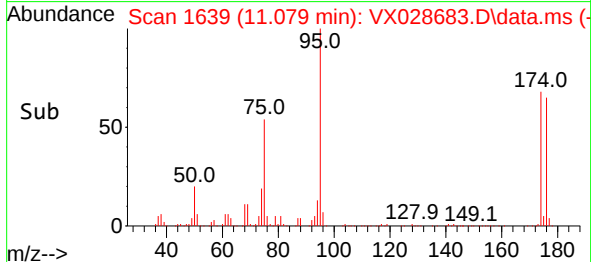
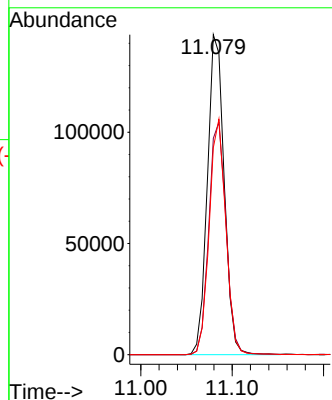
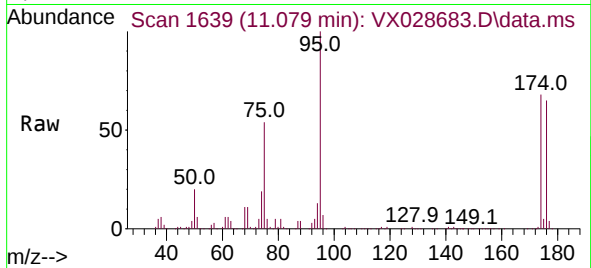




#62
4-Bromofluorobenzene
Concen: 48.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

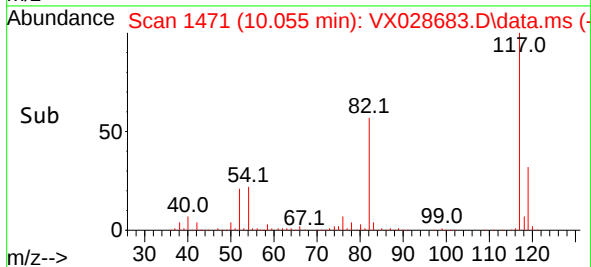
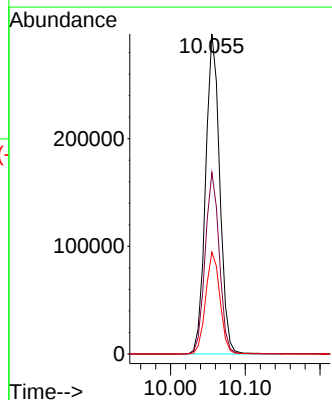
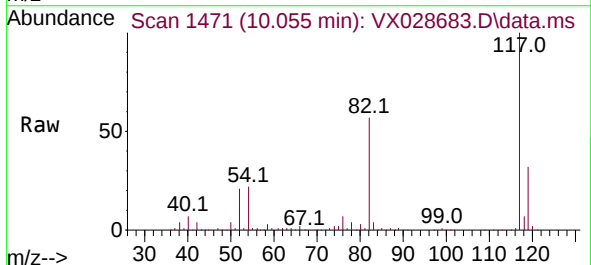
Instrument :
MSVOA_X
ClientSampleId :
M-19747

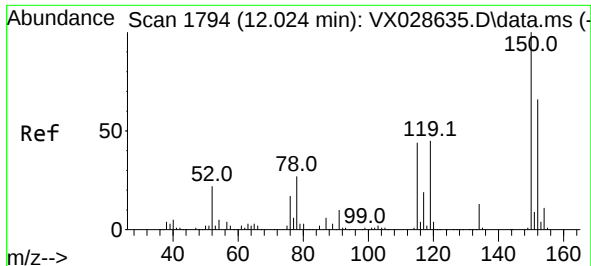
Tgt Ion: 95 Resp: 183721
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 72.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028683.D
Acq: 13 May 2022 17:16

Tgt Ion: 117 Resp: 389853
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 31.8 24.8 37.2

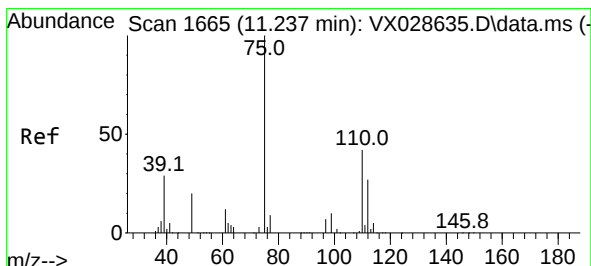
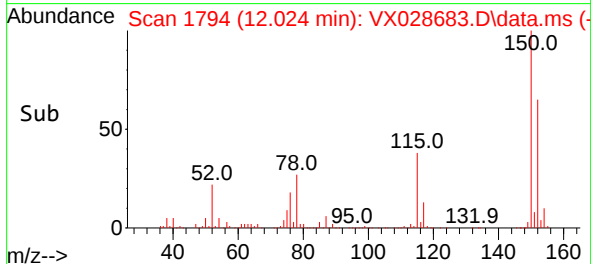
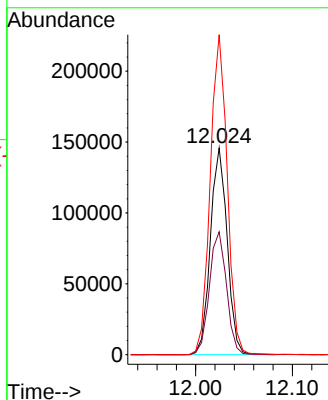
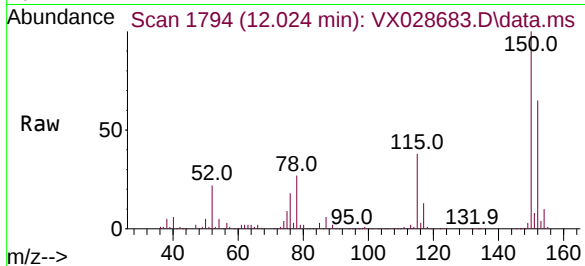




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028683.D
 Acq: 13 May 2022 17:16

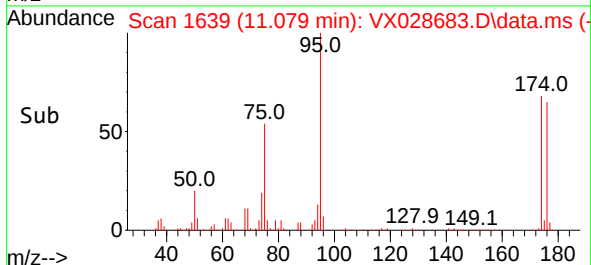
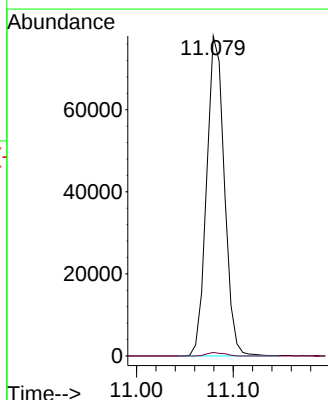
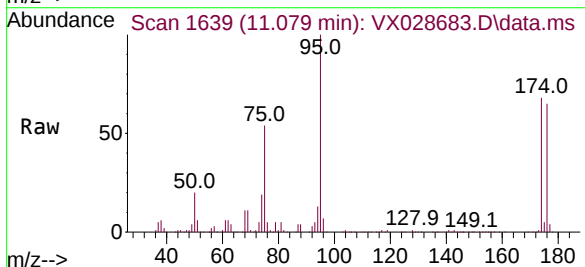
Instrument :
 MSVOA_X
 ClientSampleId :
 M-19747

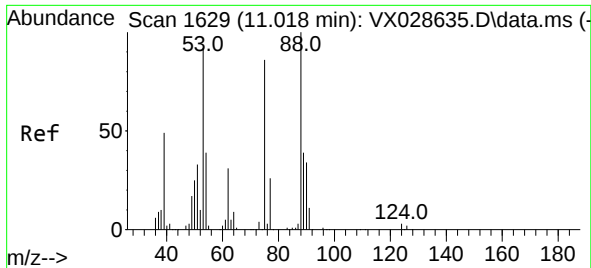
Tgt Ion:152 Resp: 176663
 Ion Ratio Lower Upper
 152 100
 115 60.4 37.5 112.7
 150 156.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.015 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028683.D
 Acq: 13 May 2022 17:16

Tgt Ion: 75 Resp: 99358
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.968 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028683.D
 Acq: 13 May 2022 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19747

Tgt Ion: 75 Resp: 99358
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

