

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027618.D
 Acq On : 22 Mar 2022 16:40
 Operator : JC/MD
 Sample : N1998-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031422

Quant Time: Mar 23 01:48:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

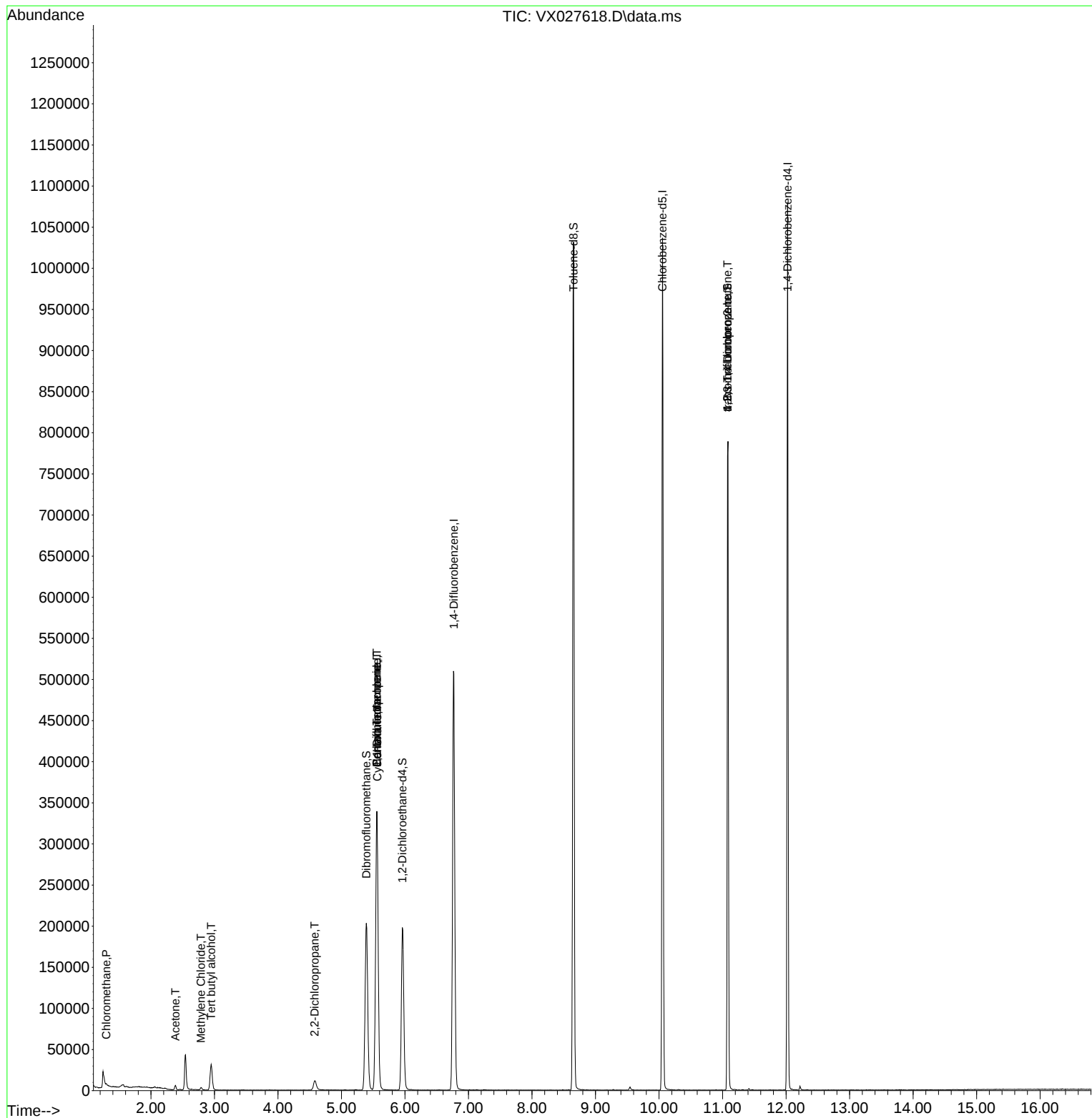
Internal Standards						
1) Pentafluorobenzene	5.556	168	336336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	554023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193122	46.610	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.220%
35) Dibromofluoromethane	5.391	113	182121	51.093	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.180%
50) Toluene-d8	8.653	98	641188	47.536	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.079	95	225437	45.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	614	0.214	ug/l	98
5) Bromomethane	1.611	94	710	Below Cal	#	80
11) Tert butyl alcohol	2.946	59	18578	23.527	ug/l #	78
16) Acetone	2.386	43	5337	3.160	ug/l	98
20) Methylene Chloride	2.788	84	1491	0.411	ug/l	93
26) 2,2-Dichloropropane	4.574	77	1126	0.238	ug/l #	52
31) Cyclohexane	5.562	56	5427	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22804	4.681	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32329	5.801	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	106040	22.017	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	106040	66.866	ug/l #	15

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

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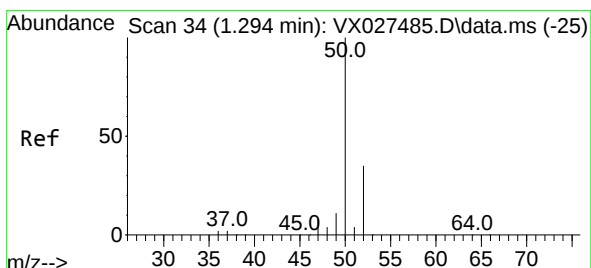
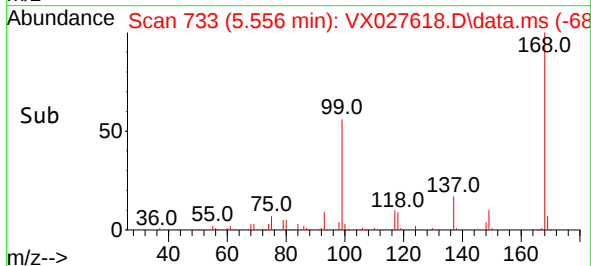
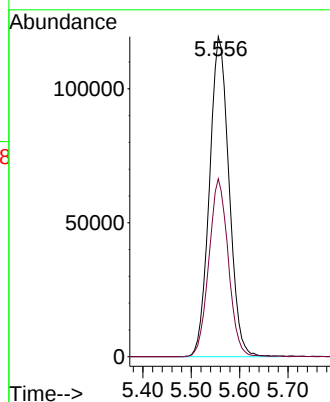
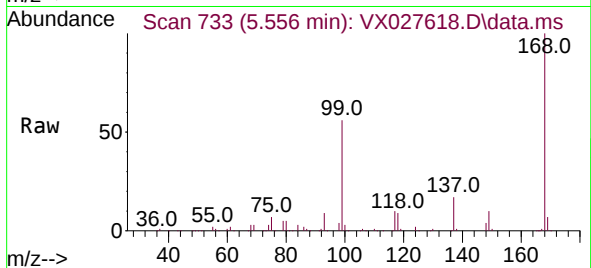




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

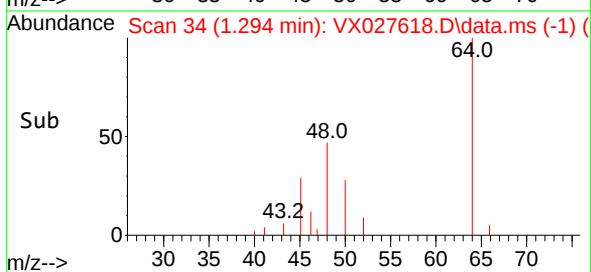
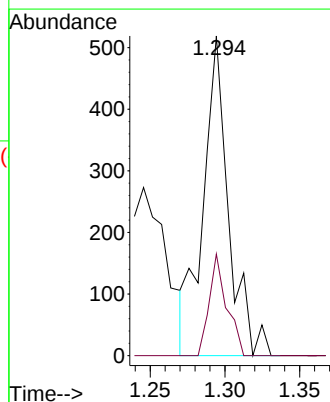
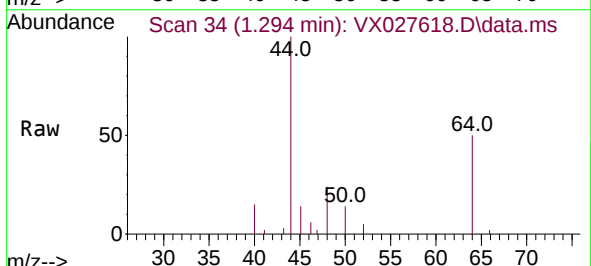
Instrument :
MSVOA_X
ClientSampleId :
FB031422

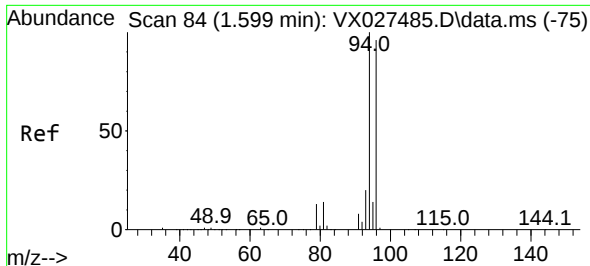
Tgt Ion:168 Resp: 336336
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 31.8 26.4 39.6

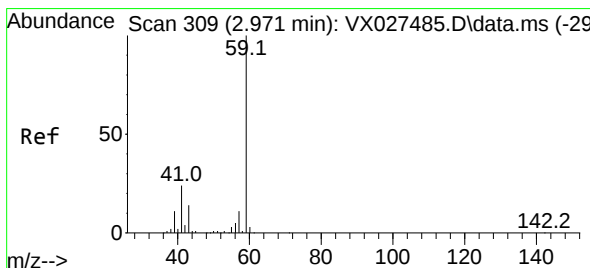
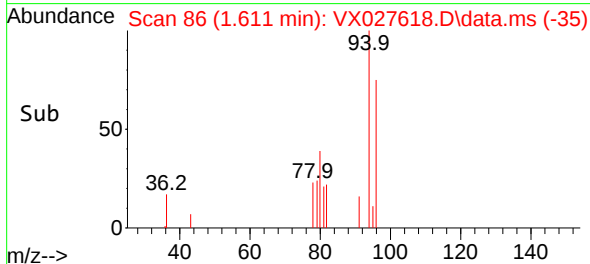
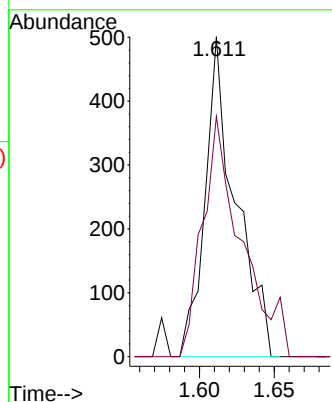
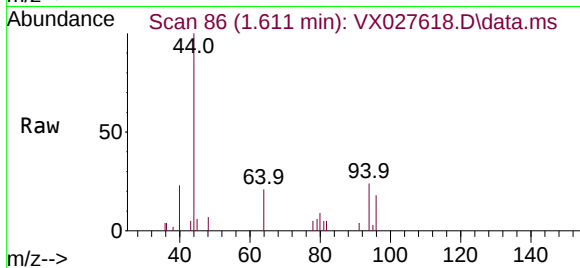




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

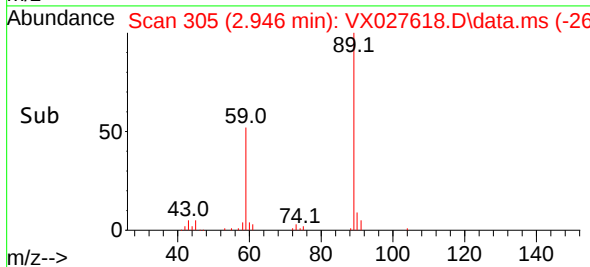
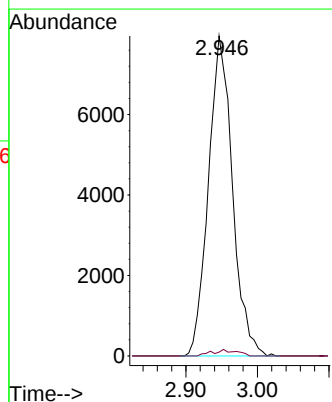
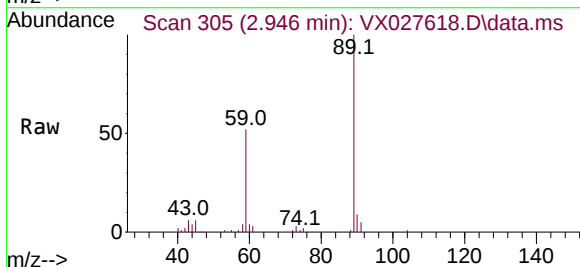
Instrument :
MSVOA_X
ClientSampleId :
FB031422

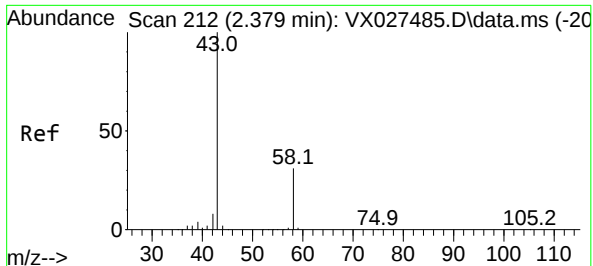
Tgt Ion: 94 Resp: 710
Ion Ratio Lower Upper
94 100
96 75.0 75.3 112.9#



#11
Tert butyl alcohol
Concen: 23.527 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 59 Resp: 18578
Ion Ratio Lower Upper
59 100
57 2.0 8.3 12.5#

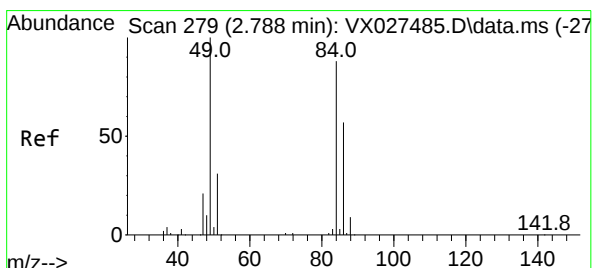
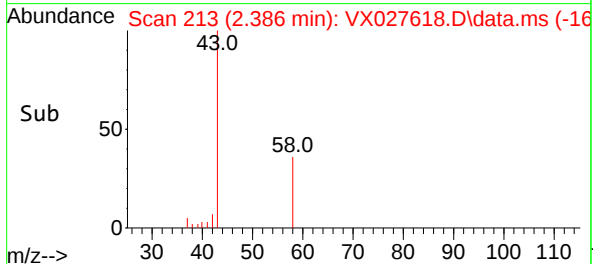
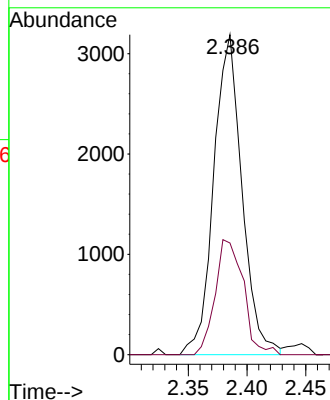
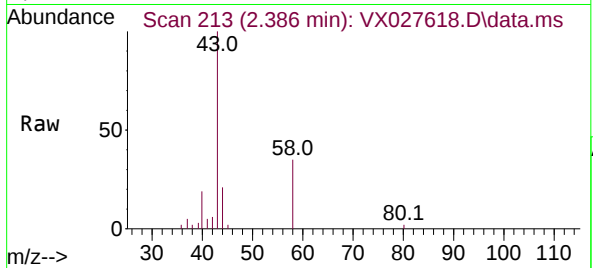




#16
Acetone
Concen: 3.160 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

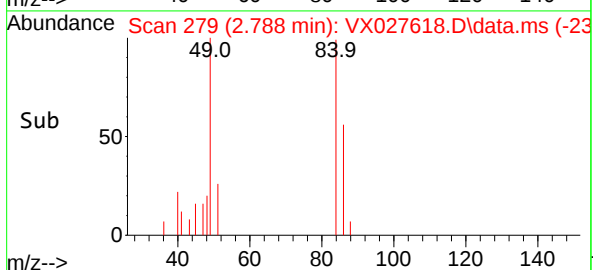
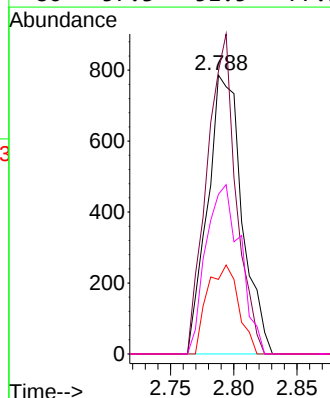
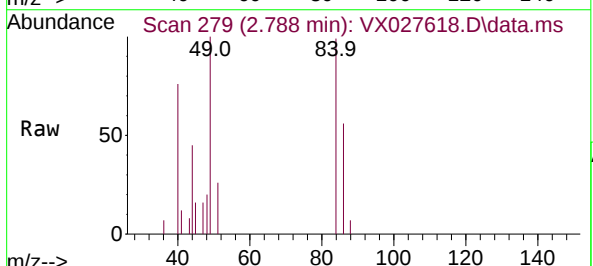
Instrument :
MSVOA_X
ClientSampleId :
FB031422

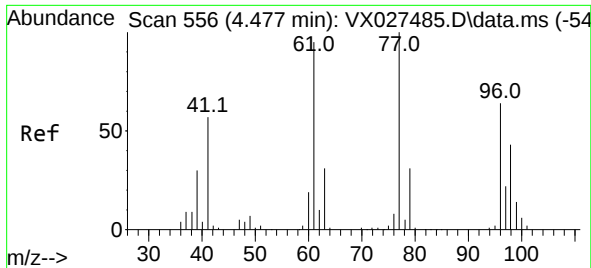
Tgt Ion: 43 Resp: 5337
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 84 Resp: 1491
Ion Ratio Lower Upper
84 100
49 101.4 85.5 128.3
51 26.7 26.6 39.8
86 57.3 51.5 77.3

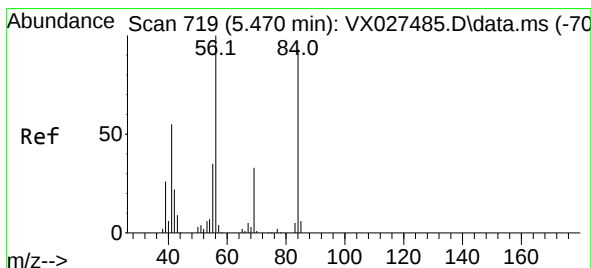
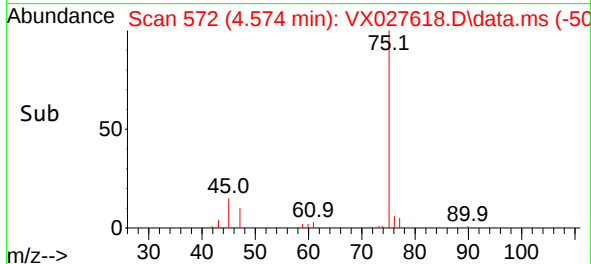
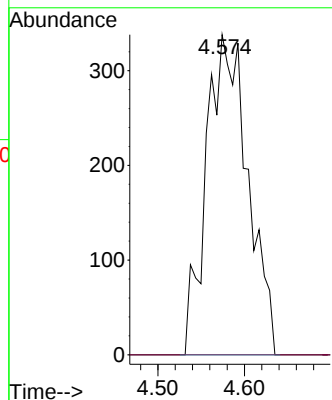
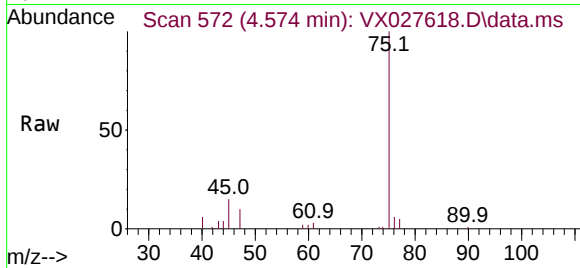




#26
2,2-Dichloropropane
Concen: 0.238 ug/l
RT: 4.574 min Scan# 511
Delta R.T. 0.098 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

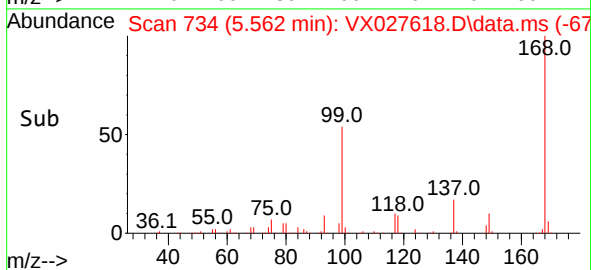
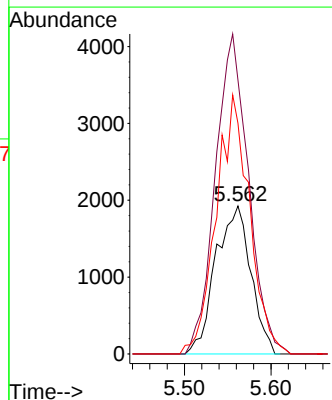
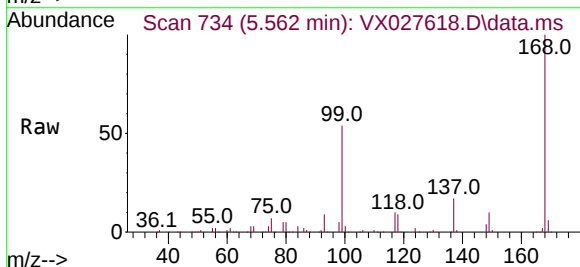
Instrument :
MSVOA_X
ClientSampleId :
FB031422

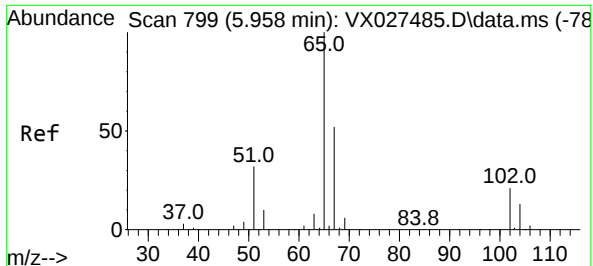
Tgt Ion: 77 Resp: 1126
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 56 Resp: 5427
Ion Ratio Lower Upper
56 100
69 185.1 26.7 40.1#
84 155.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.610 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027618.D

Acq: 22 Mar 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

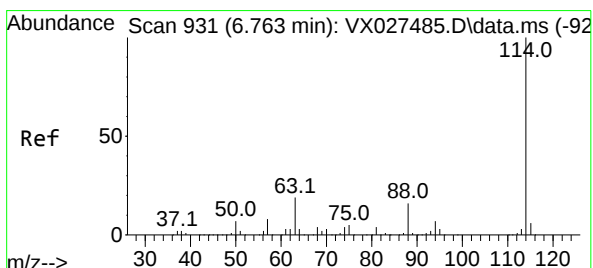
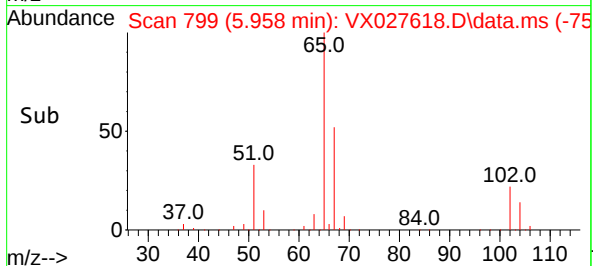
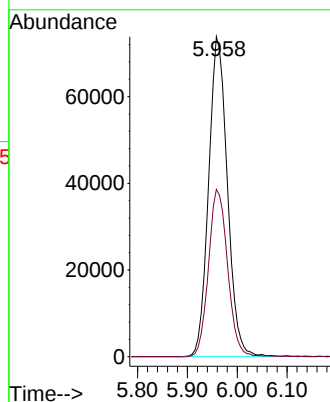
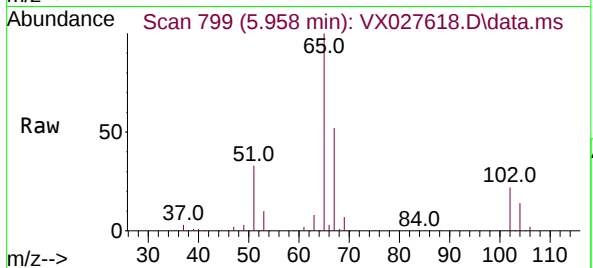
FB031422

Tgt Ion: 65 Resp: 193122

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027618.D

Acq: 22 Mar 2022 16:40

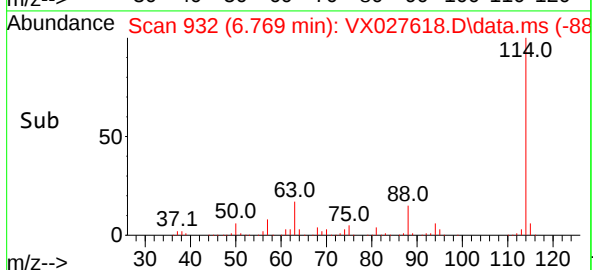
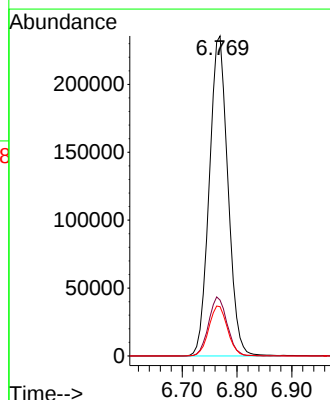
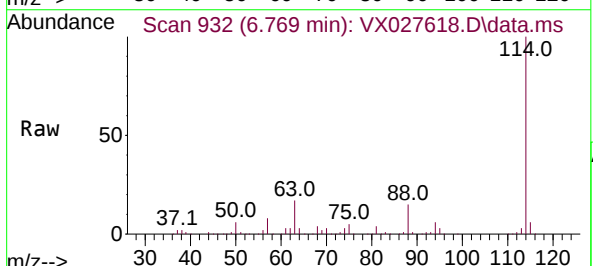
Tgt Ion: 114 Resp: 554023

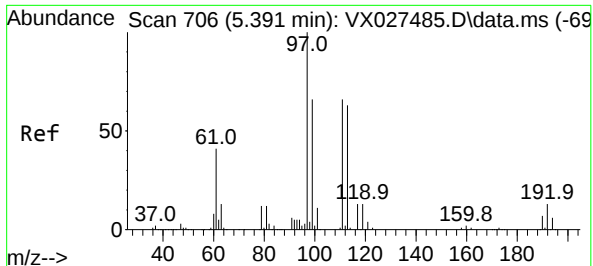
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.093 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027618.D

Acq: 22 Mar 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

FB031422

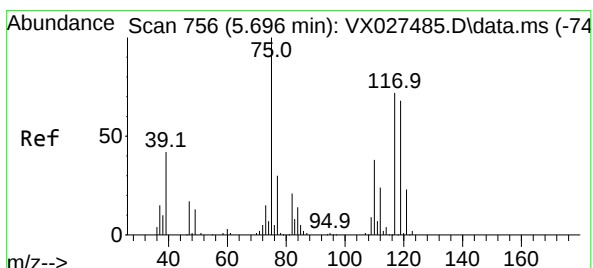
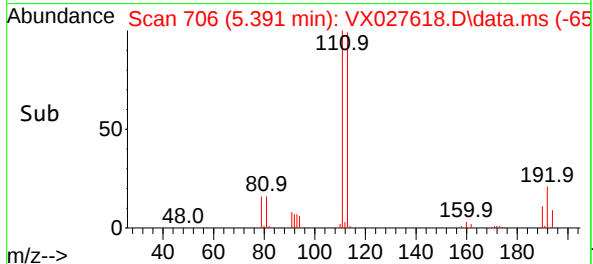
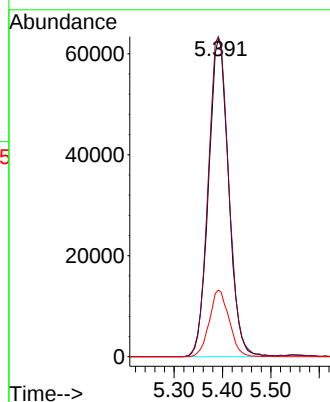
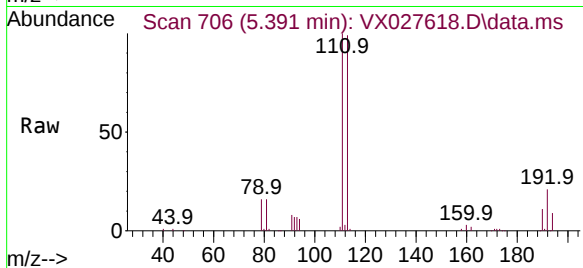
Tgt Ion:113 Resp: 182121

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.681 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027618.D

Acq: 22 Mar 2022 16:40

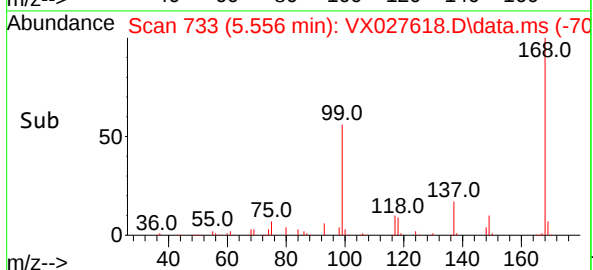
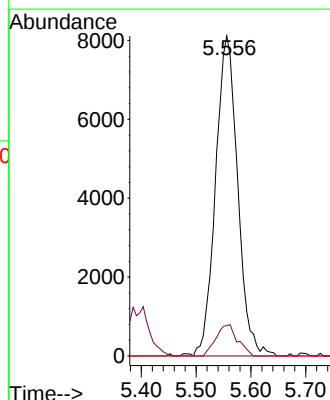
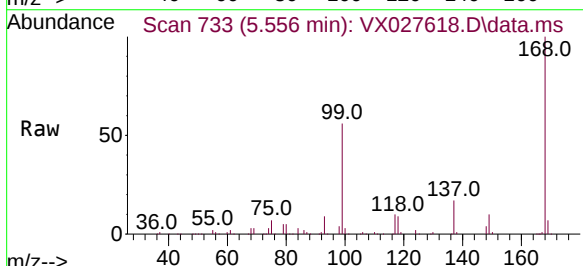
Tgt Ion: 75 Resp: 22804

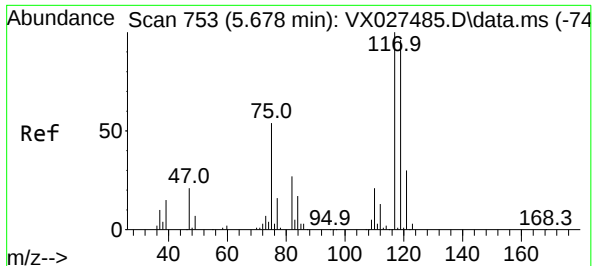
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

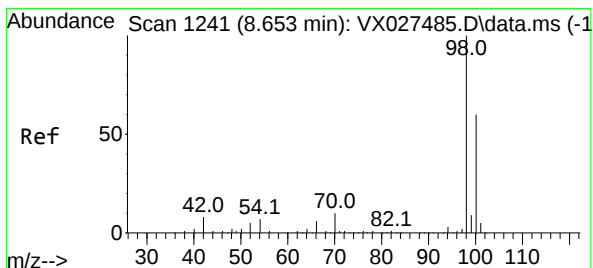
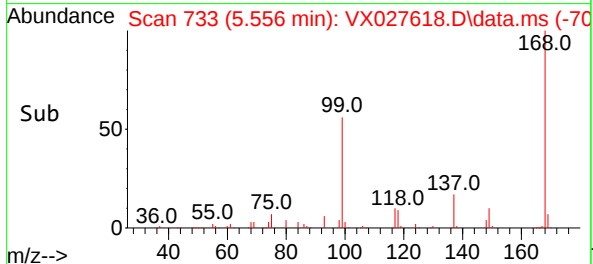
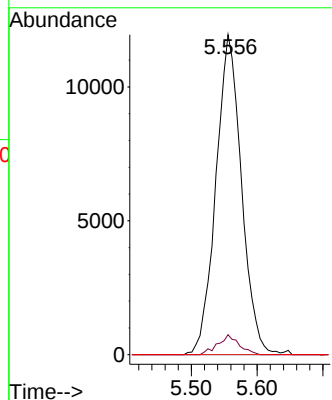
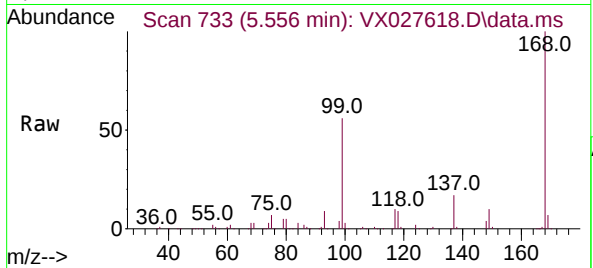




#38
Carbon Tetrachloride
Concen: 5.801 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

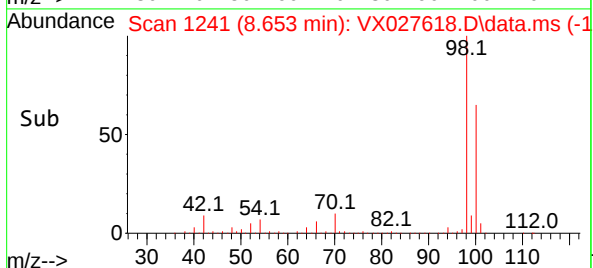
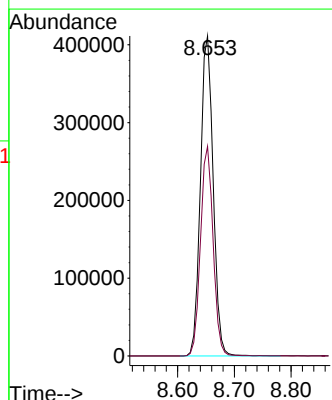
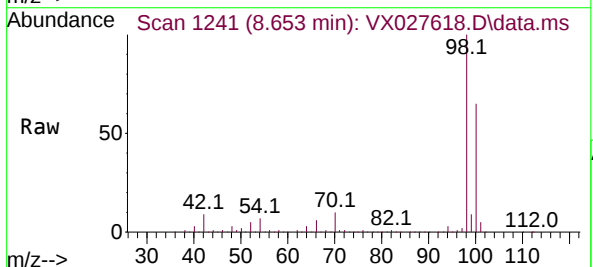
Instrument :
MSVOA_X
ClientSampleId :
FB031422

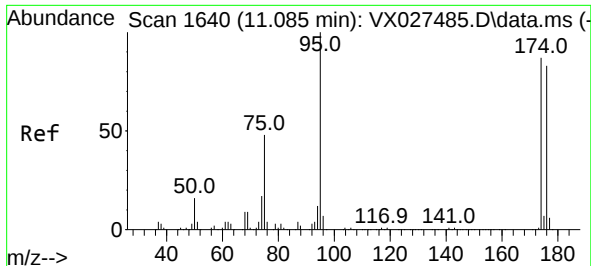
Tgt Ion:117 Resp: 32329
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 98 Resp: 641188
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

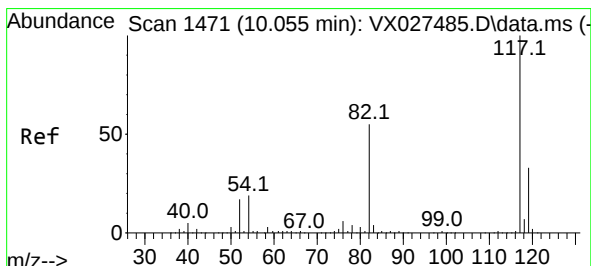
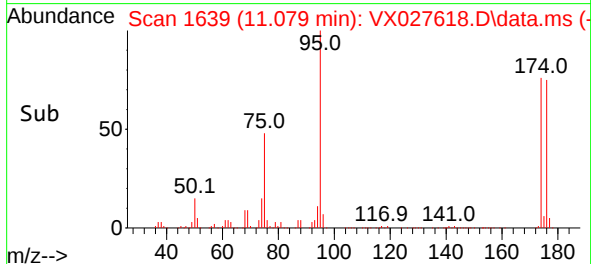
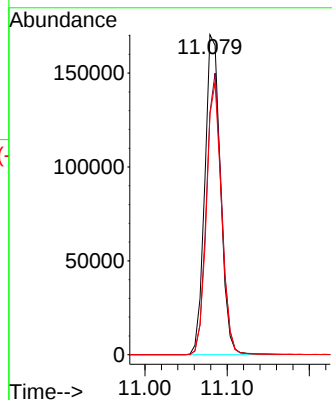
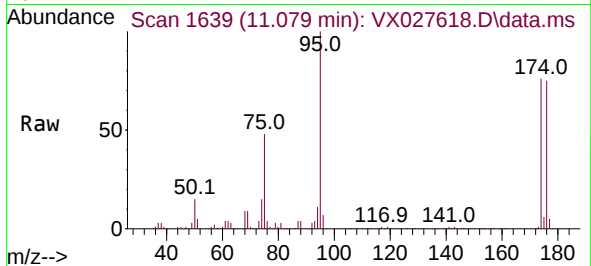




#62
4-Bromofluorobenzene
Concen: 45.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

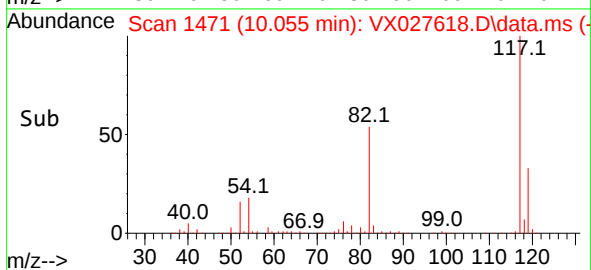
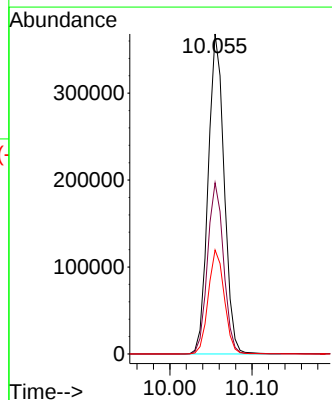
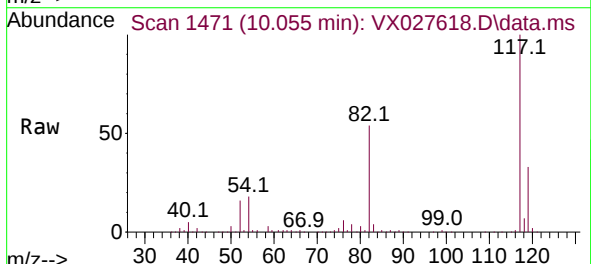
Instrument :
MSVOA_X
ClientSampleId :
FB031422

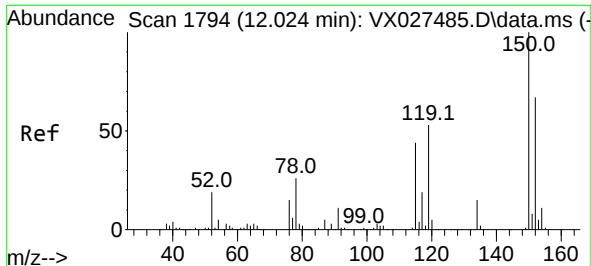
Tgt Ion: 95 Resp: 225437
Ion Ratio Lower Upper
95 100
174 85.2 0.0 163.0
176 82.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027618.D
Acq: 22 Mar 2022 16:40

Tgt Ion: 117 Resp: 496907
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.5 24.8 37.2

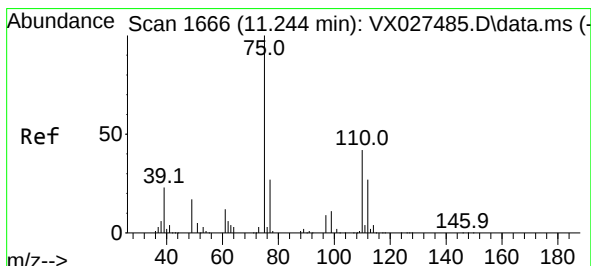
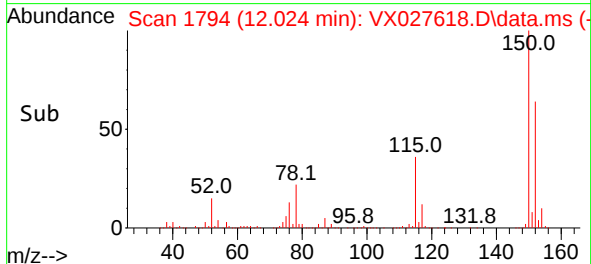
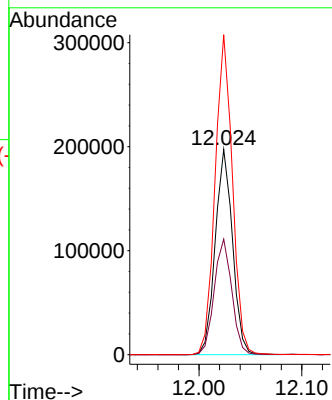
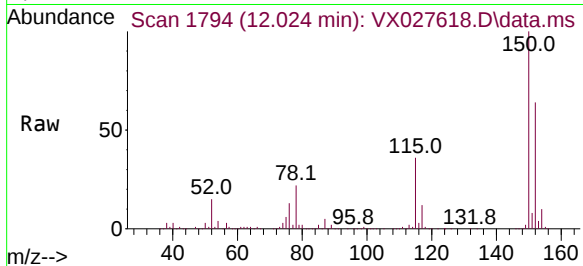




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027618.D
 Acq: 22 Mar 2022 16:40

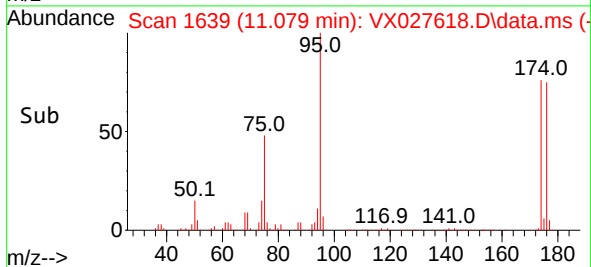
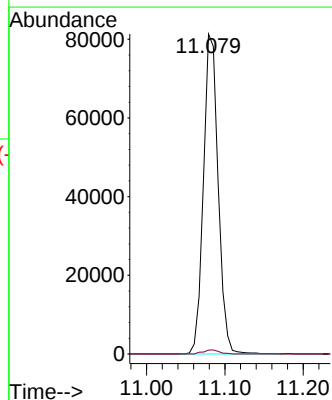
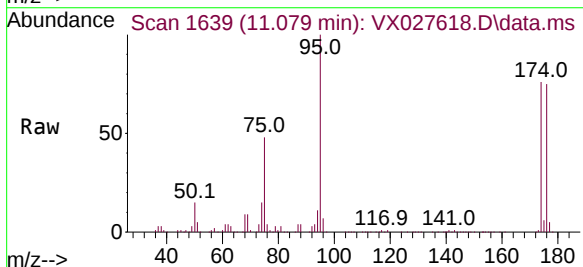
Instrument :
 MSVOA_X
 ClientSampleId :
 FB031422

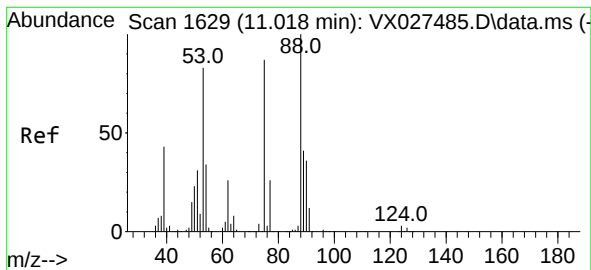
Tgt Ion:152 Resp: 230262
 Ion Ratio Lower Upper
 152 100
 115 57.5 37.5 112.7
 150 155.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.017 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027618.D
 Acq: 22 Mar 2022 16:40

Tgt Ion: 75 Resp: 106040
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.866 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027618.D
 Acq: 22 Mar 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031422

Tgt Ion: 75 Resp: 106040
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

