

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027526.D
 Acq On : 18 Mar 2022 14:31
 Operator : JC/MD
 Sample : N2002-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:07:14 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)

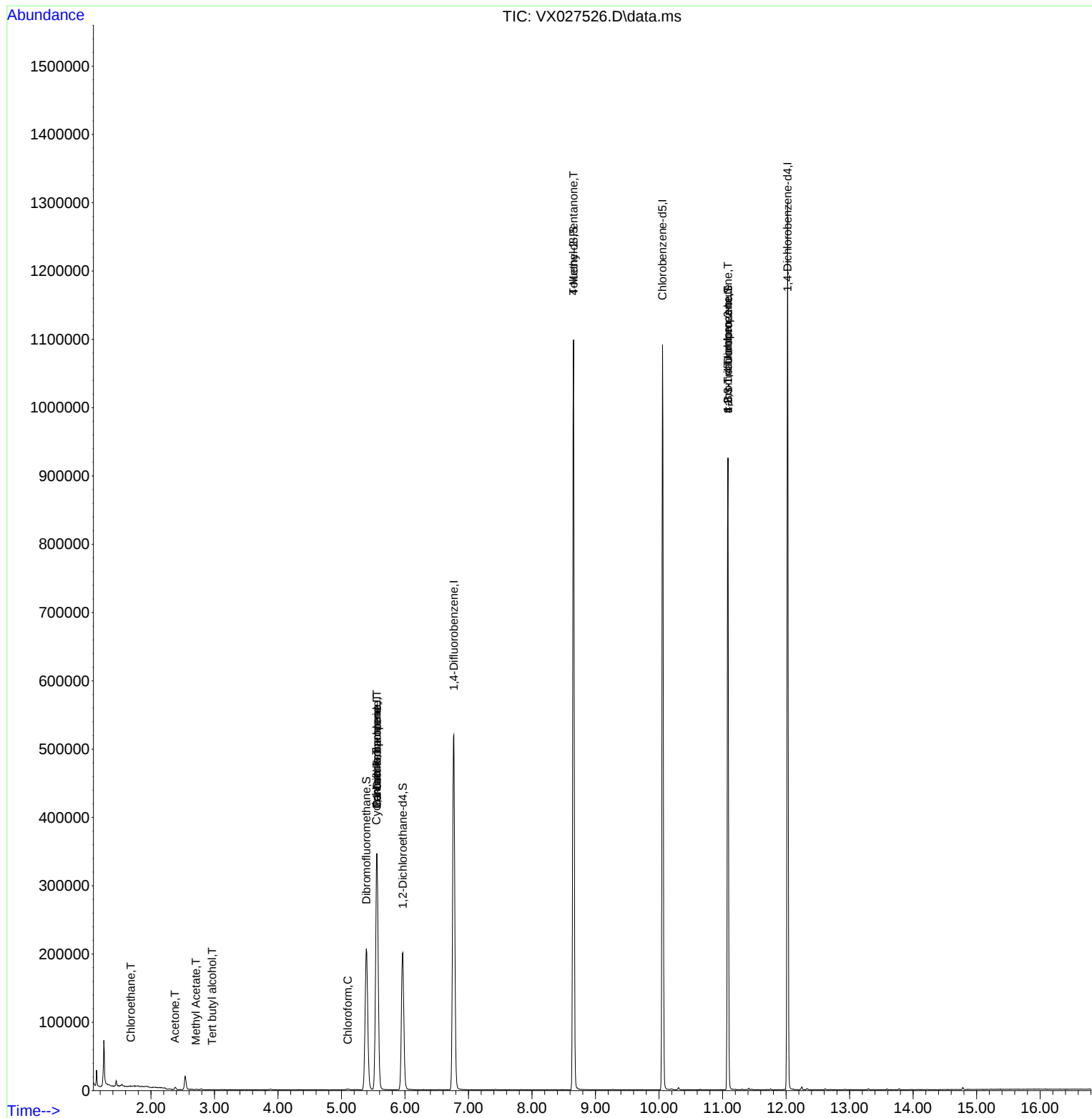
Internal Standards						
1) Pentafluorobenzene	5.556	168	346955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	575207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	514762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	199702	46.723	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.440%
35) Dibromofluoromethane	5.391	113	184614	49.885	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.780%
50) Toluene-d8	8.653	98	677162	48.354	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.085	95	249268	48.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	326	Below Cal	#	55
6) Chloroethane	1.685	64	497	0.237	ug/l #	43
11) Tert butyl alcohol	2.965	59	299	0.367	ug/l #	72
16) Acetone	2.380	43	3513	2.016	ug/l	98
18) Methyl Acetate	2.709	43	990	0.237	ug/l #	70
30) Chloroform	5.099	83	1715	0.260	ug/l	99
31) Cyclohexane	5.550	56	5876	1.107	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23582	4.663	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33673	5.820	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2306	0.445	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.257	63	19	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.085	75	120382	21.865	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	120382	66.406	ug/l #	15

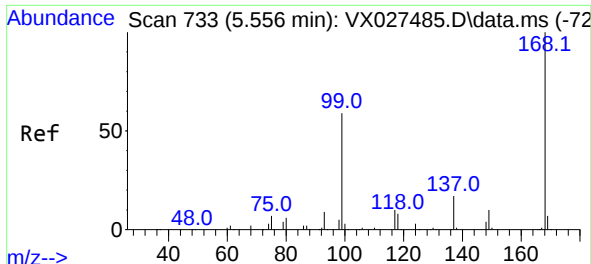
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027526.D
Acq On : 18 Mar 2022 14:31
Operator : JC/MD
Sample : N2002-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 19 03:07:14 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

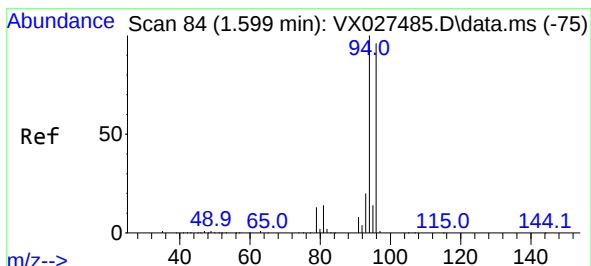
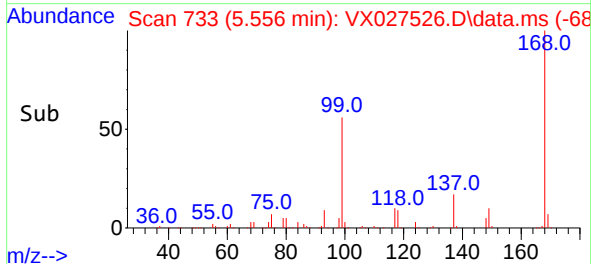
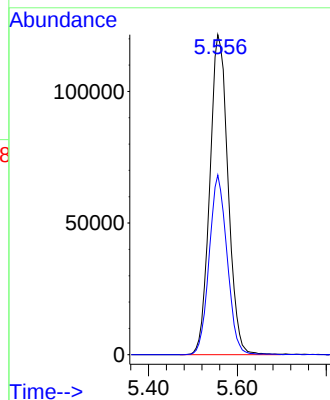
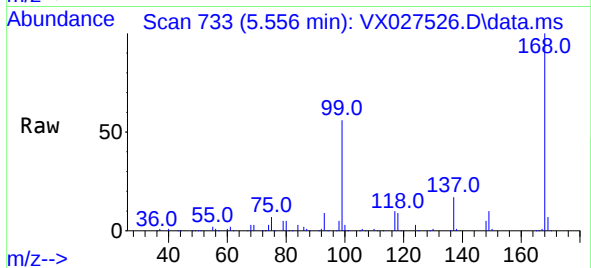




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

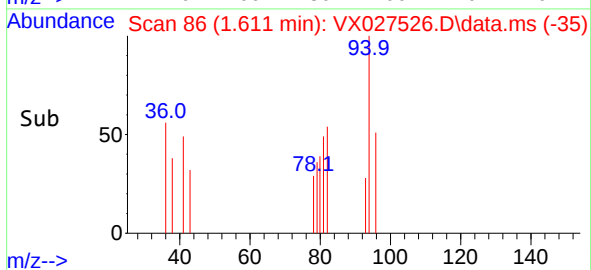
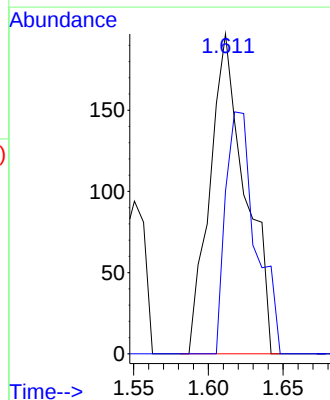
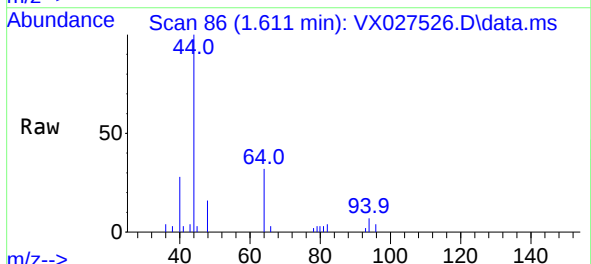
Instrument :
MSVOA_X
ClientSampleId :

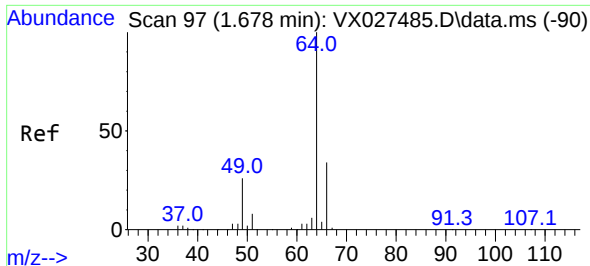
Tgt Ion:168 Resp: 346955
Ion Ratio Lower Upper
168 100
99 56.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 50.8 75.3 112.9#

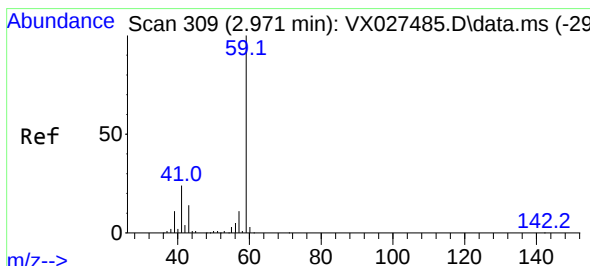
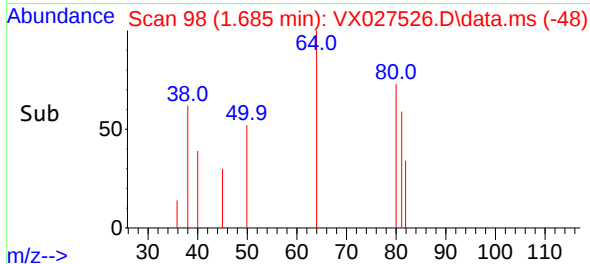
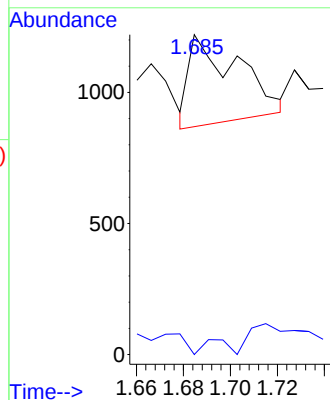
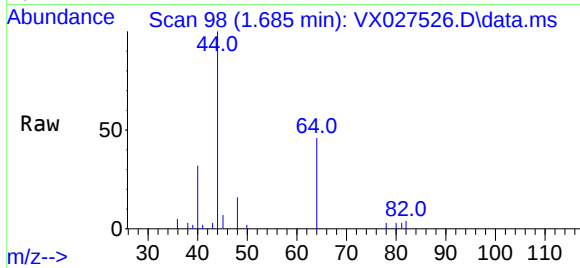




#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

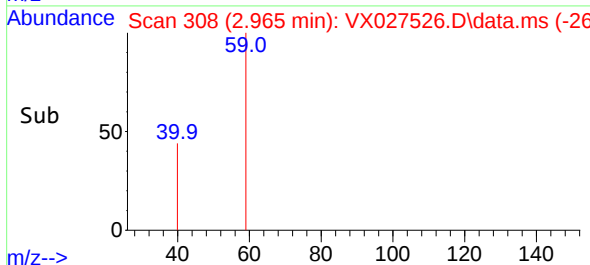
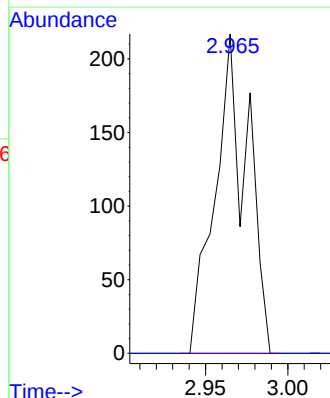
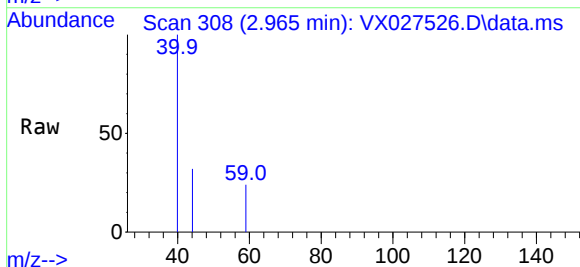
Instrument :
MSVOA_X
ClientSampleId :

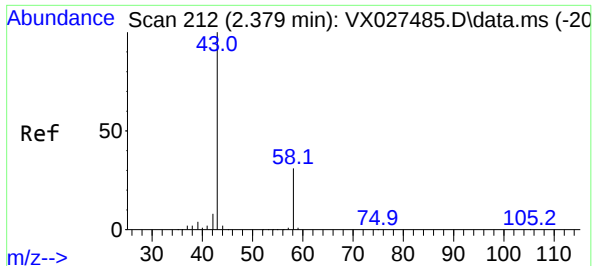
Tgt Ion: 64 Resp: 497
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

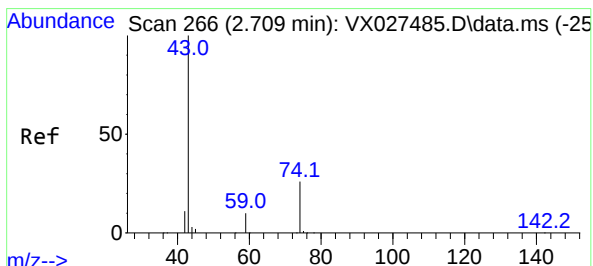
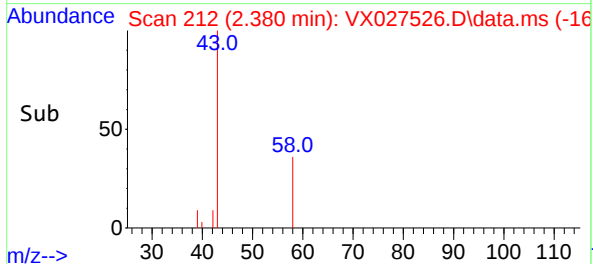
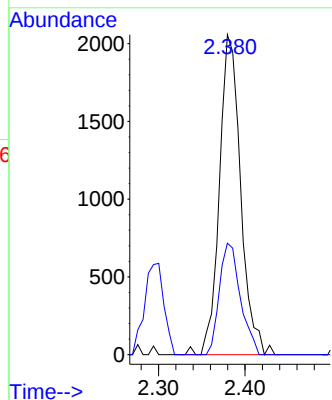
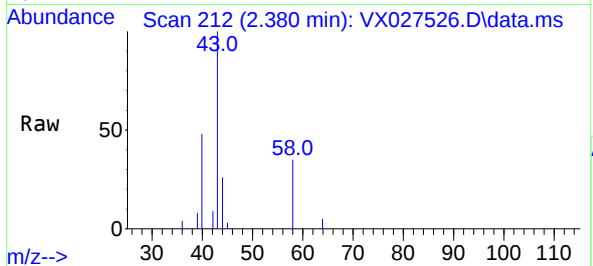




#16
Acetone
Concen: 2.016 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

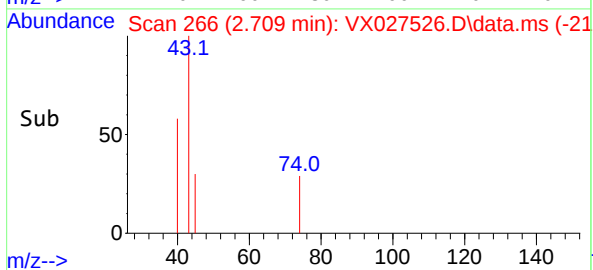
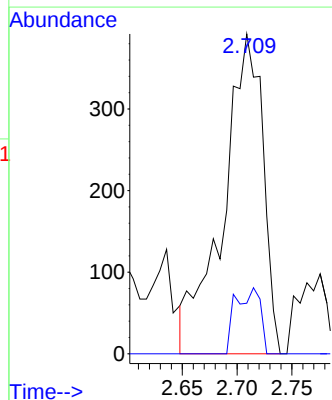
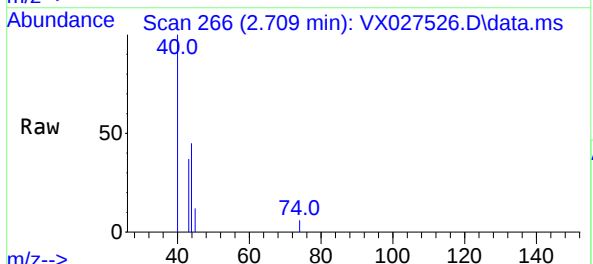
Instrument :
MSVOA_X
ClientSampleId :

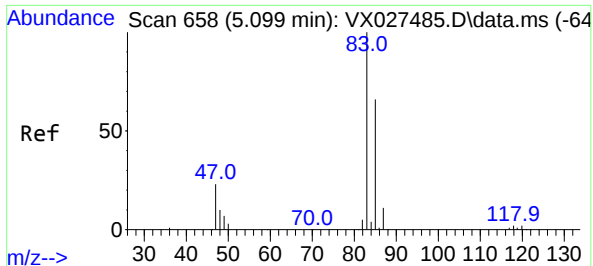
Tgt Ion: 43 Resp: 3513
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
74 12.7 22.8 34.2#





#30

Chloroform

Concen: 0.260 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027526.D

Acq: 18 Mar 2022 14:31

Instrument :

MSVOA_X

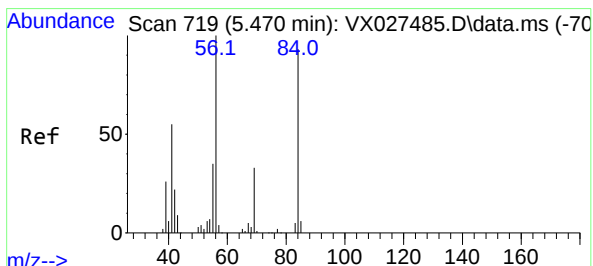
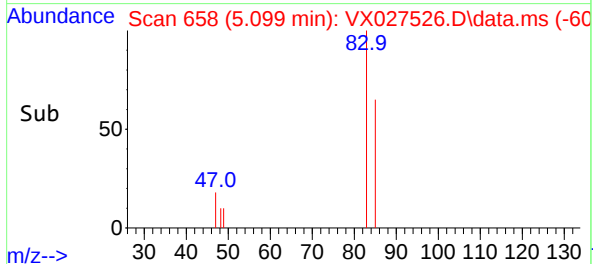
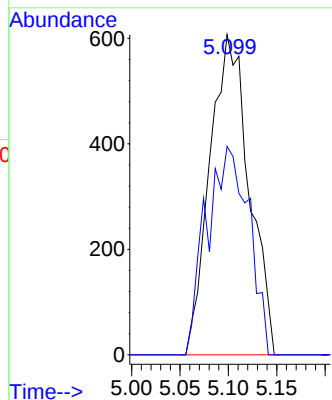
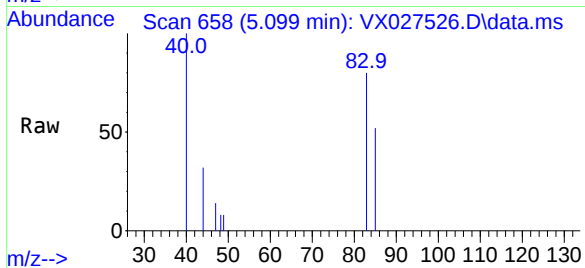
ClientSampleId :

Tgt Ion: 83 Resp: 1715

Ion Ratio Lower Upper

83 100

85 65.1 52.7 79.1



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027526.D

Acq: 18 Mar 2022 14:31

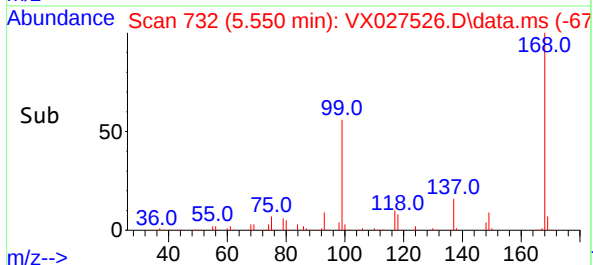
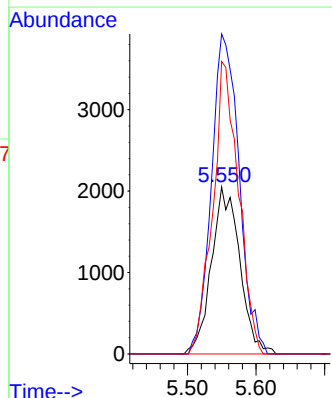
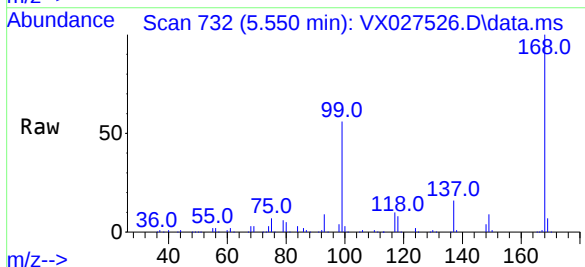
Tgt Ion: 56 Resp: 5876

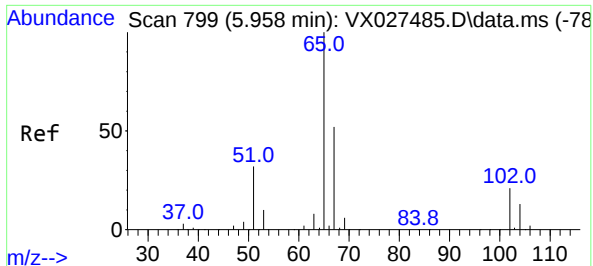
Ion Ratio Lower Upper

56 100

69 191.7 26.7 40.1#

84 175.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.723 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX027526.D

Acq: 18 Mar 2022 14:31

Instrument :

MSVOA_X

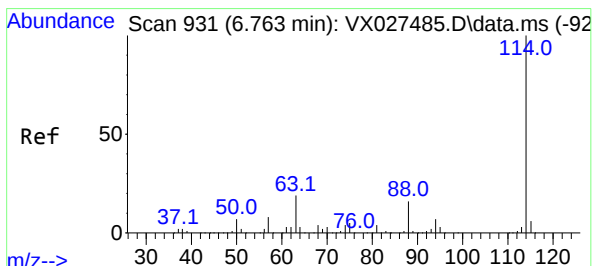
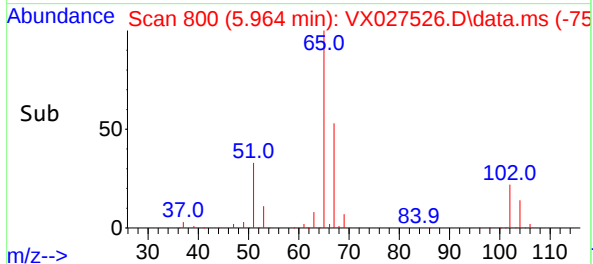
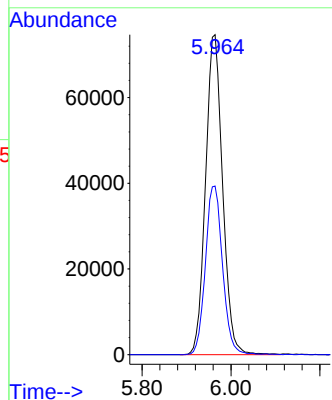
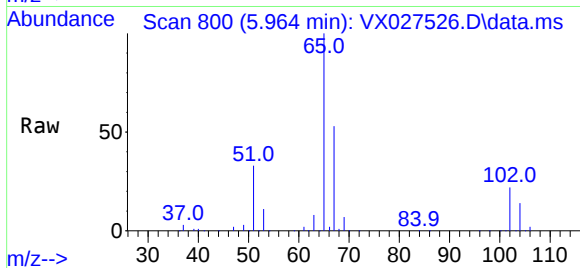
ClientSampleId :

Tgt Ion: 65 Resp: 199702

Ion Ratio Lower Upper

65 100

67 52.9 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: VX027526.D

Acq: 18 Mar 2022 14:31

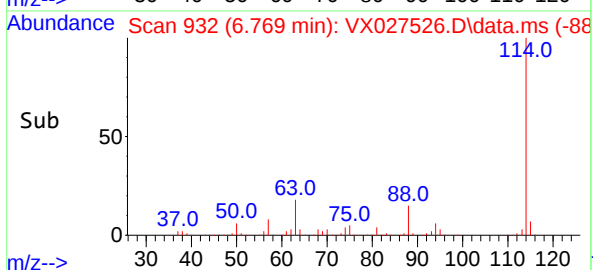
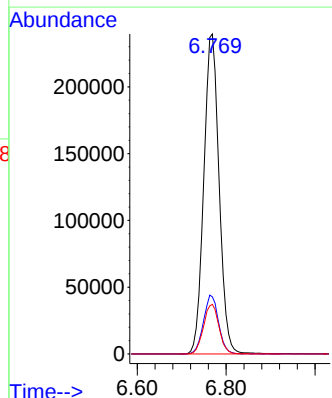
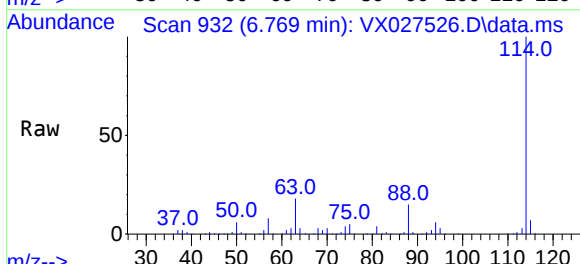
Tgt Ion: 114 Resp: 575207

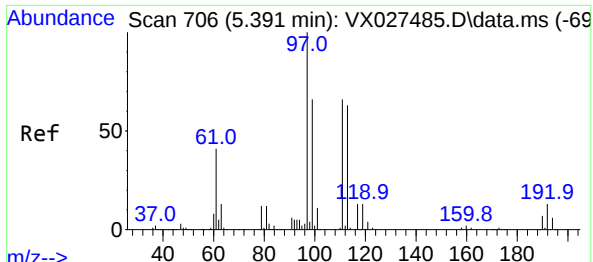
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

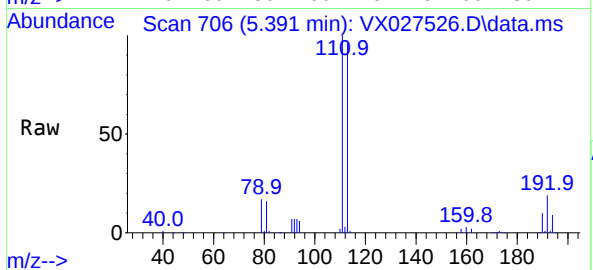
88 15.5 0.0 32.4



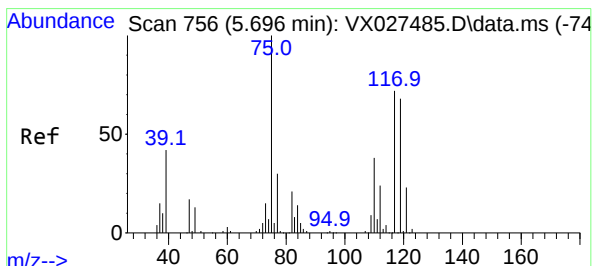
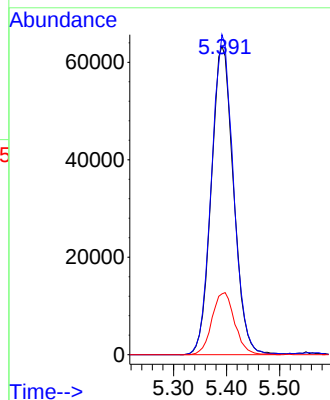
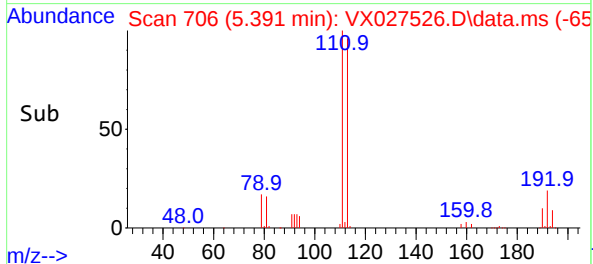


#35
Dibromofluoromethane
Concen: 49.885 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

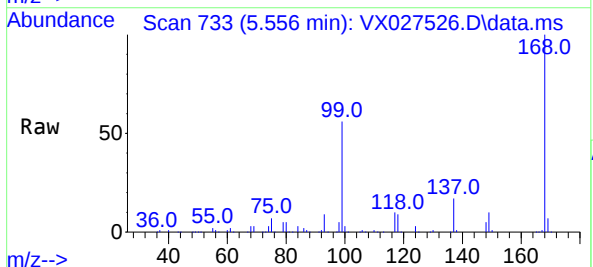
Instrument :
MSVOA_X
ClientSampleId :



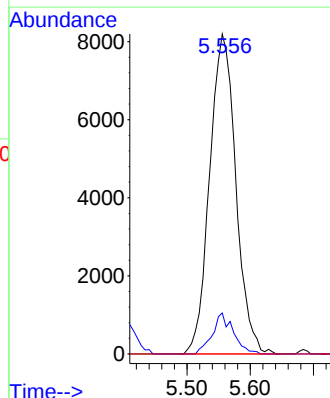
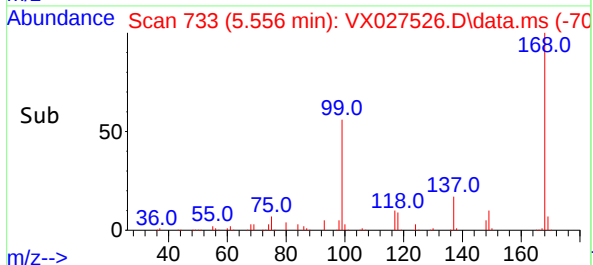
Tgt Ion:113 Resp: 184614
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.5 16.9 25.3

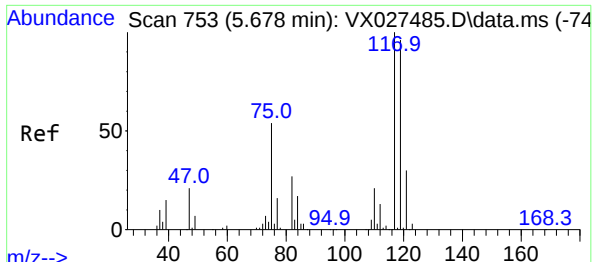


#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31



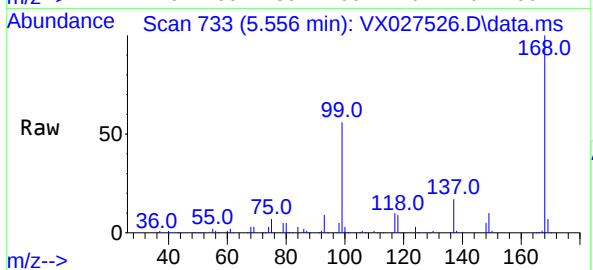
Tgt Ion: 75 Resp: 23582
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



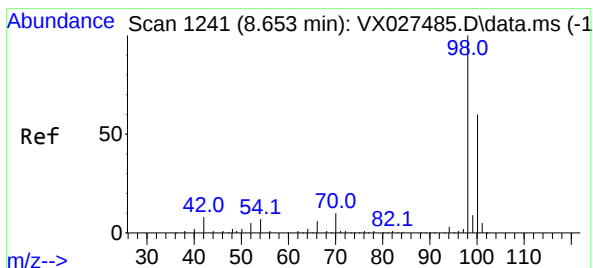
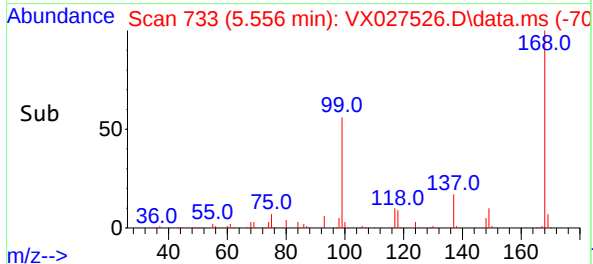
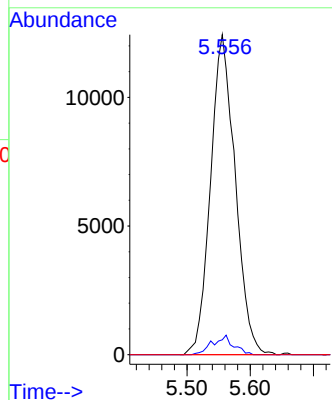


#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Instrument :
MSVOA_X
ClientSampleId :

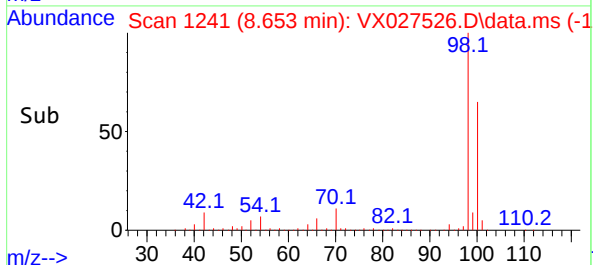
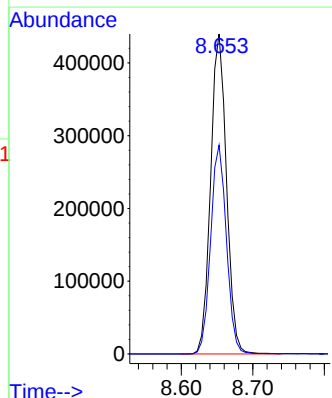
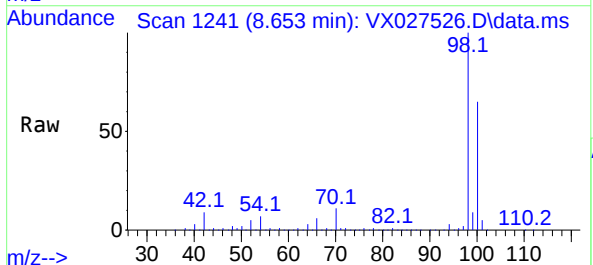


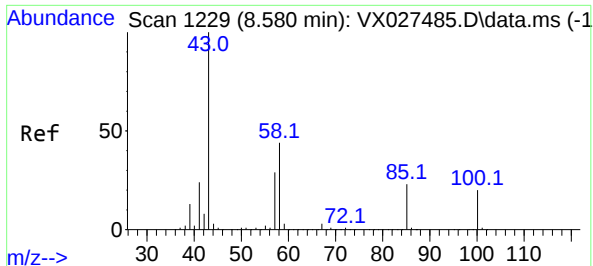
Tgt Ion:117 Resp: 33673
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.354 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Tgt Ion: 98 Resp: 677162
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.445 ug/l

RT: 8.653 min Scan# 1176

Delta R.T. 0.073 min

Lab File: VX027526.D

Acq: 18 Mar 2022 14:31

Instrument :

MSVOA_X

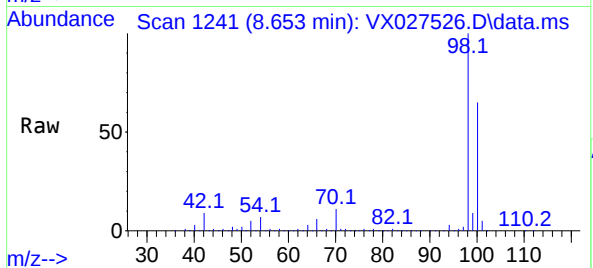
ClientSampleId :

Tgt Ion: 43 Resp: 2306

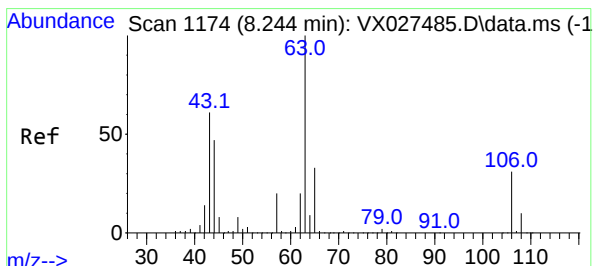
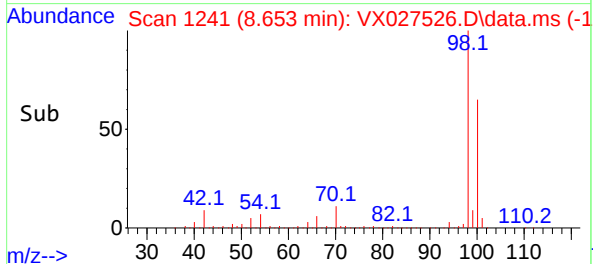
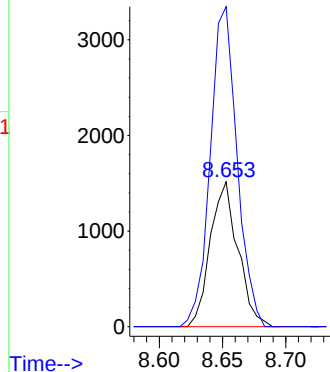
Ion Ratio Lower Upper

43 100

58 213.9 36.1 54.1#



Abundance



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX027526.D

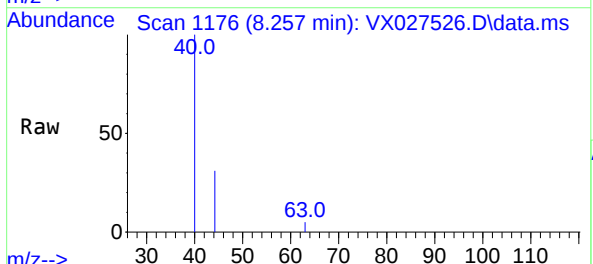
Acq: 18 Mar 2022 14:31

Tgt Ion: 63 Resp: 19

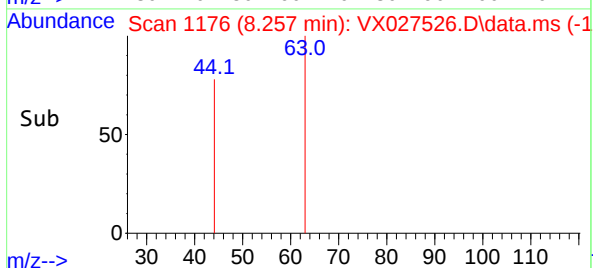
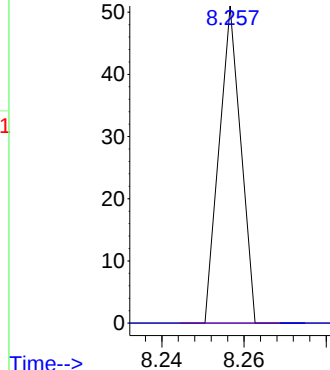
Ion Ratio Lower Upper

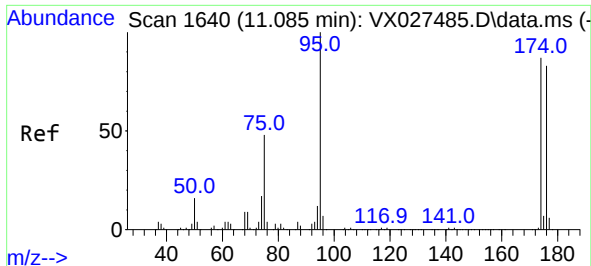
63 100

106 0.0 23.9 35.9#



Abundance





#62

4-Bromofluorobenzene

Concen: 48.427 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027526.D

Acq: 18 Mar 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

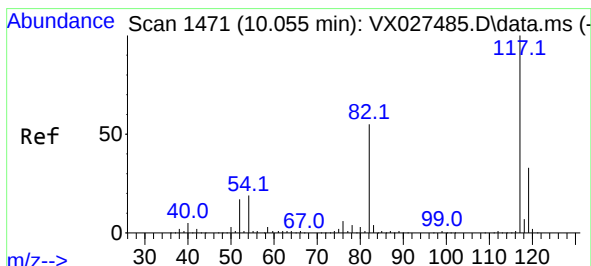
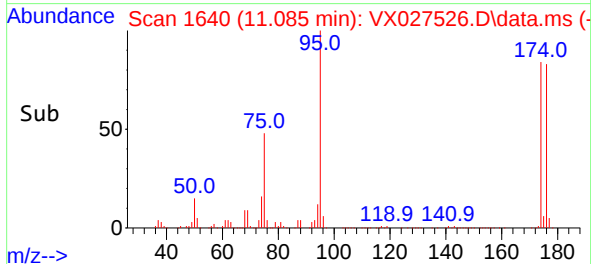
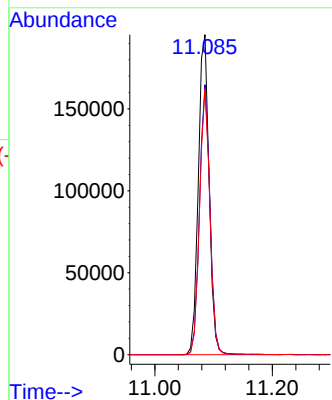
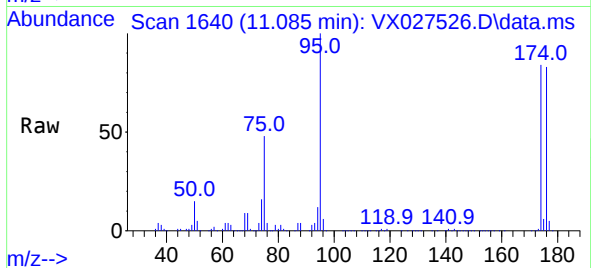
Tgt Ion: 95 Resp: 249268

Ion Ratio Lower Upper

95 100

174 81.9 0.0 163.0

176 79.5 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: VX027526.D

Acq: 18 Mar 2022 14:31

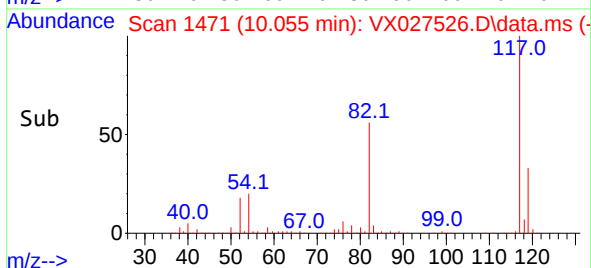
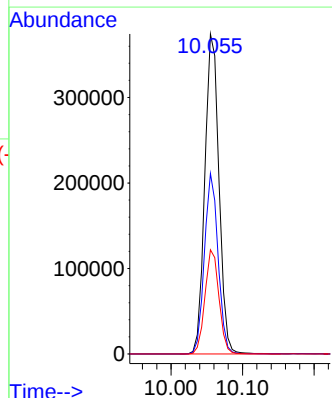
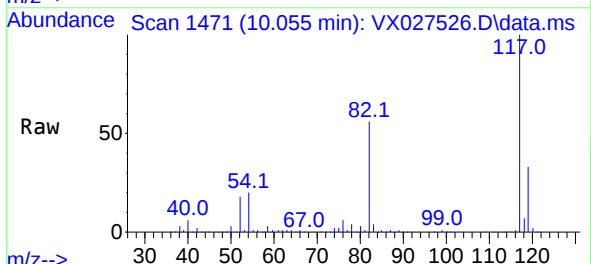
Tgt Ion: 117 Resp: 514762

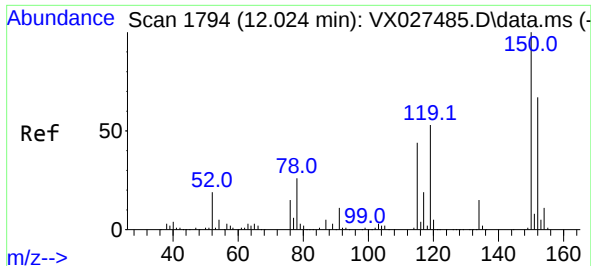
Ion Ratio Lower Upper

117 100

82 56.4 41.8 62.8

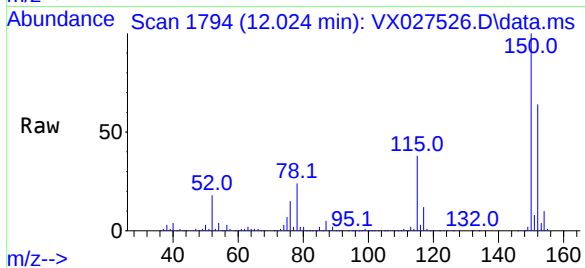
119 32.5 24.8 37.2



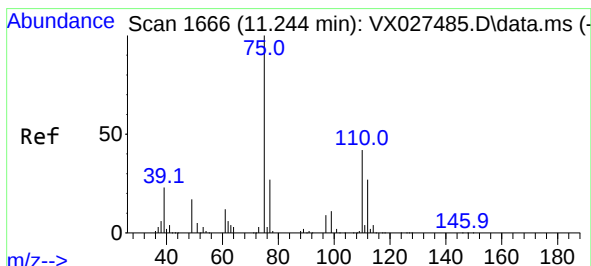
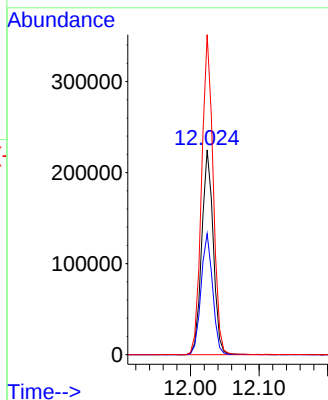
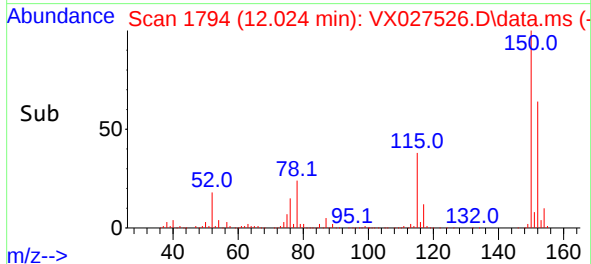


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

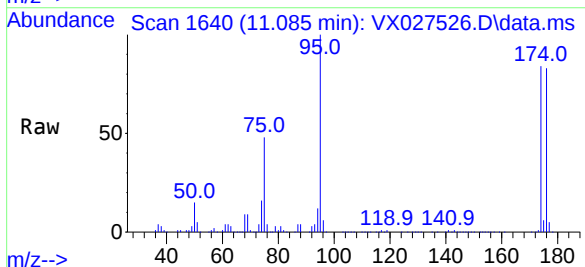
Instrument :
MSVOA_X
ClientSampleId :



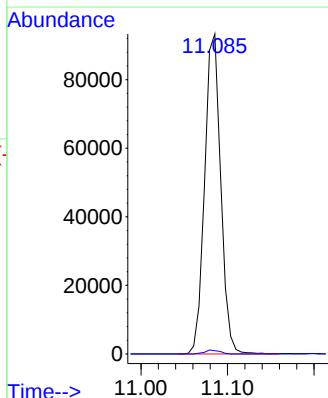
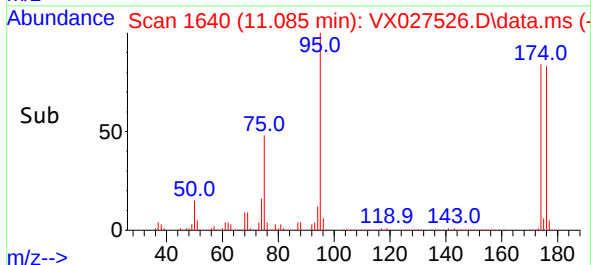
Tgt Ion:152 Resp: 263216
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 156.3 0.0 338.2

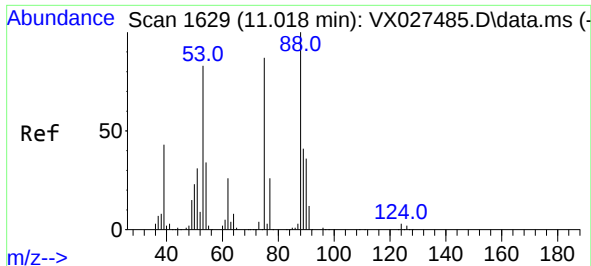


#76
1,2,3-Trichloropropane
Concen: 21.865 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31



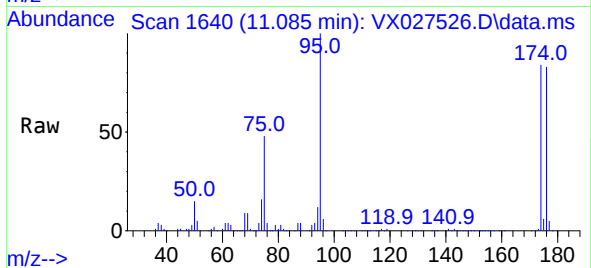
Tgt Ion: 75 Resp: 120382
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.406 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027526.D
Acq: 18 Mar 2022 14:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 120382
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

