

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027519.D
 Acq On : 18 Mar 2022 11:09
 Operator : JC/MD
 Sample : VX0318WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:05:06 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)

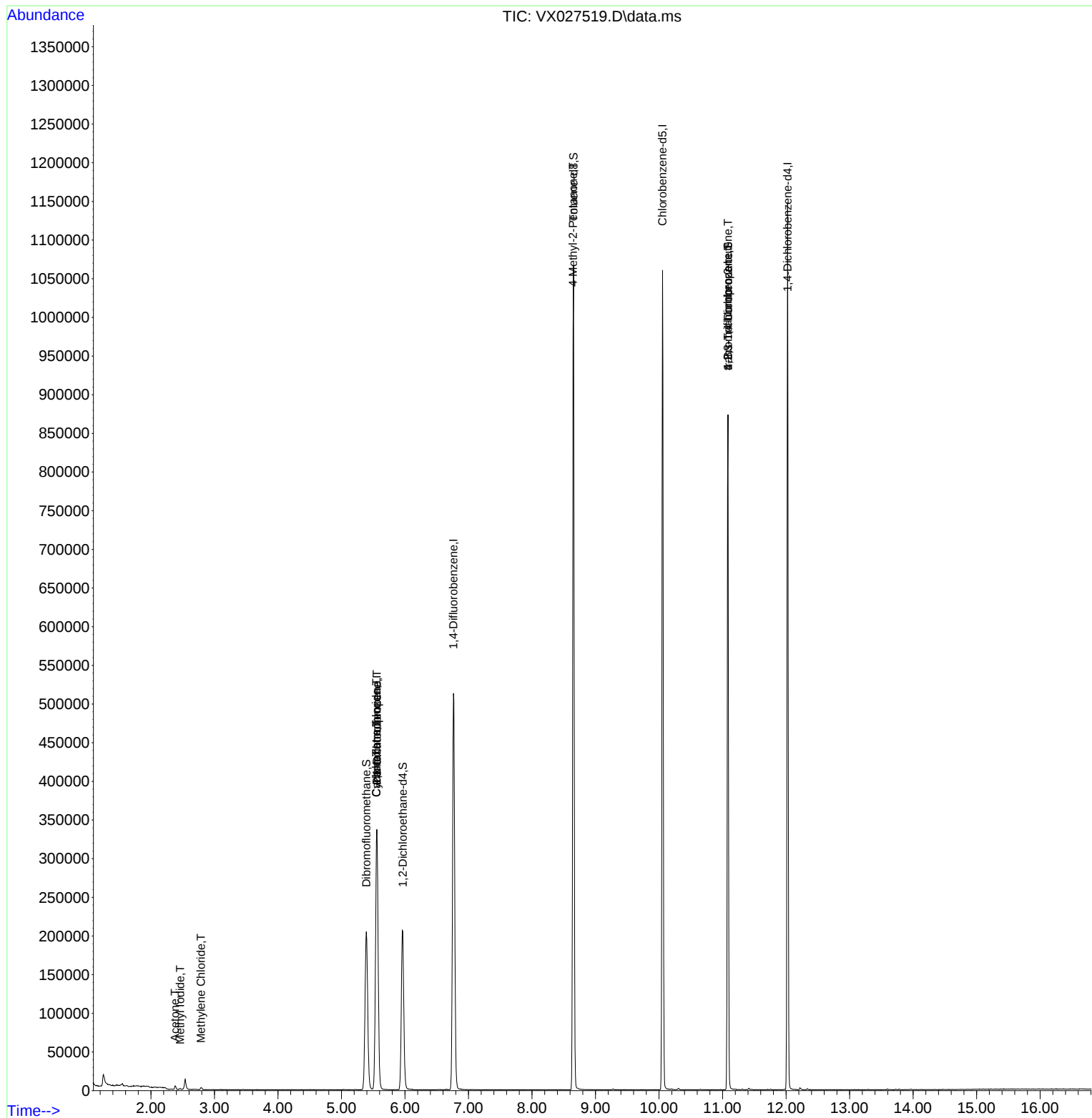
Internal Standards						
1) Pentafluorobenzene	5.556	168	329264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	547008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	208962	51.517	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.040%			
35) Dibromofluoromethane	5.391	113	182277	51.793	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.580%			
50) Toluene-d8	8.653	98	644044	48.360	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.720%			
62) 4-Bromofluorobenzene	11.085	95	233408	47.683	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.360%			
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	509	Below Cal		97
10) Methyl Iodide	2.459	142	1347	0.319 ug/l #		93
16) Acetone	2.380	43	4554	2.754 ug/l #		77
20) Methylene Chloride	2.788	84	1463	0.412 ug/l #		83
31) Cyclohexane	5.550	56	6077	1.207 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	23167	4.817 ug/l #		50
38) Carbon Tetrachloride	5.550	117	32963	5.991 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	2493	0.506 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	114810	23.225 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	114810	70.536 ug/l #		15

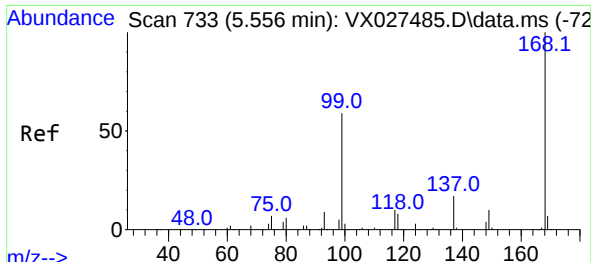
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Mar 19 03:05:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
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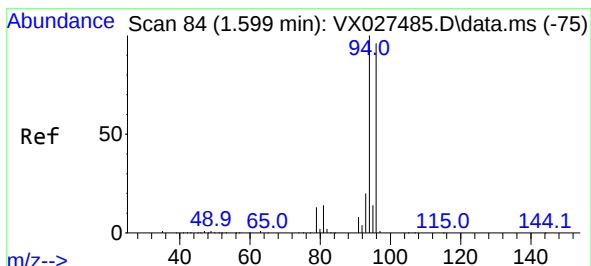
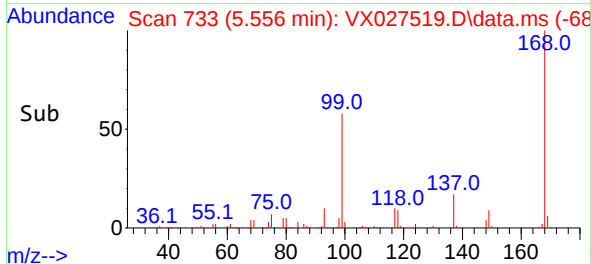
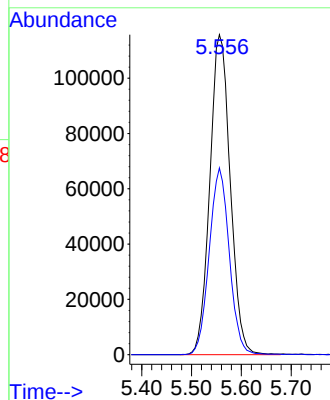
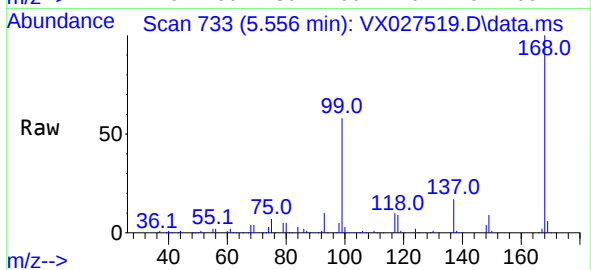




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

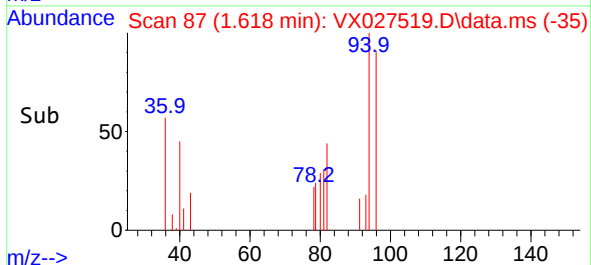
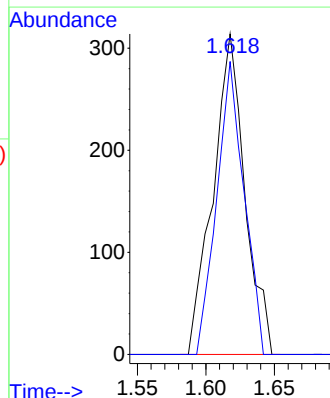
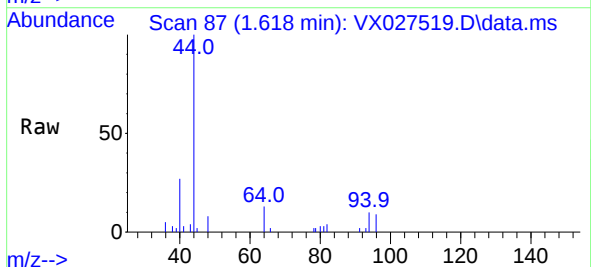
Instrument :
MSVOA_X
ClientSampleId :

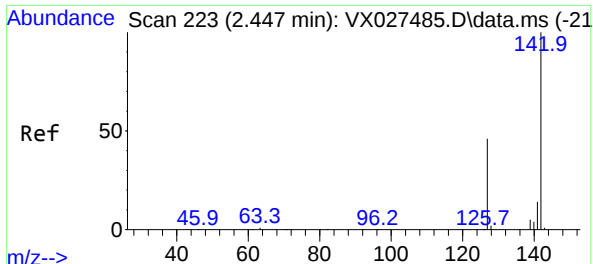
Tgt Ion:168 Resp: 329264
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

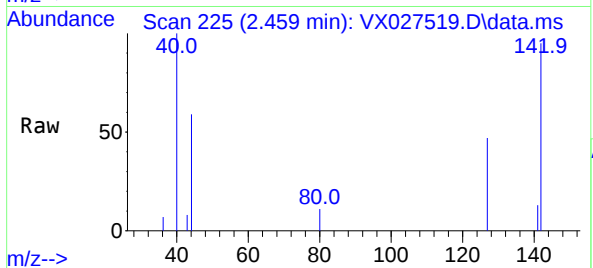
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 91.4 75.3 112.9



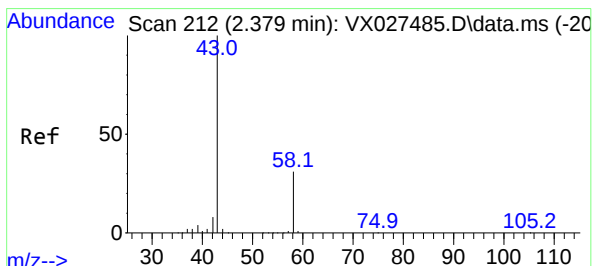
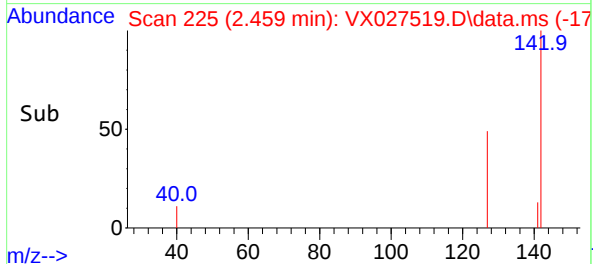
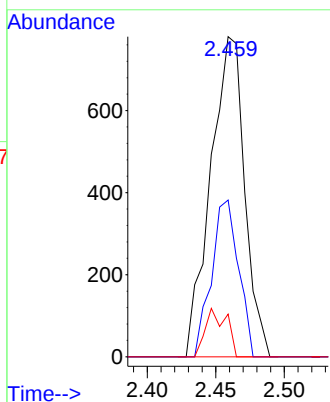


#10
Methyl Iodide
Concen: 0.319 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :

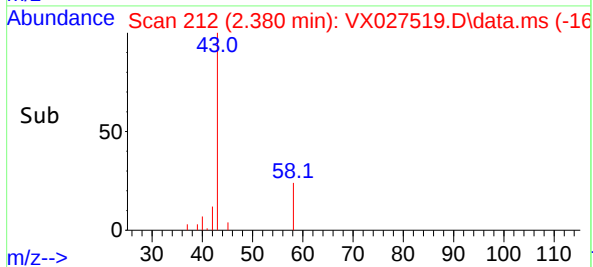
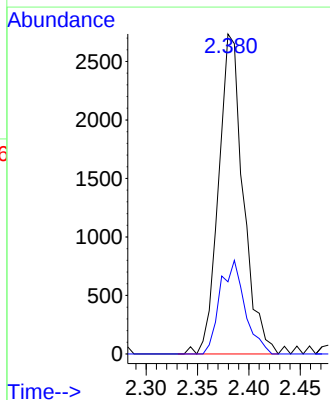
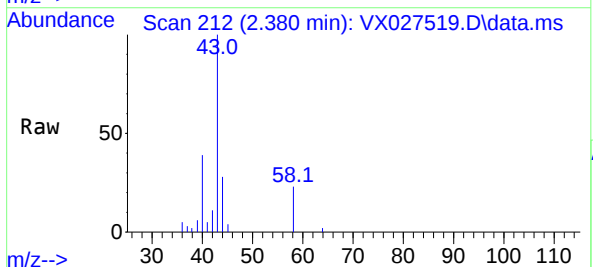


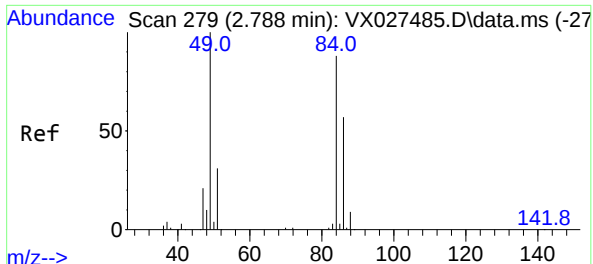
Tgt Ion:142 Resp: 1347
Ion Ratio Lower Upper
142 100
127 38.8 33.9 50.9
141 9.4 11.4 17.2#



#16
Acetone
Concen: 2.754 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

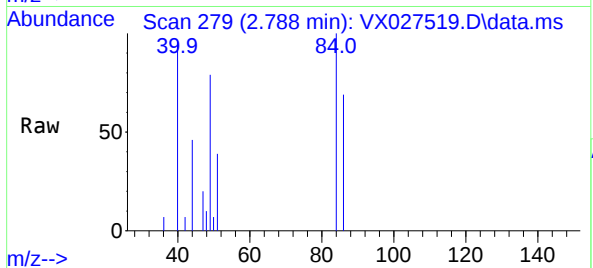
Tgt Ion: 43 Resp: 4554
Ion Ratio Lower Upper
43 100
58 22.6 28.8 43.2#





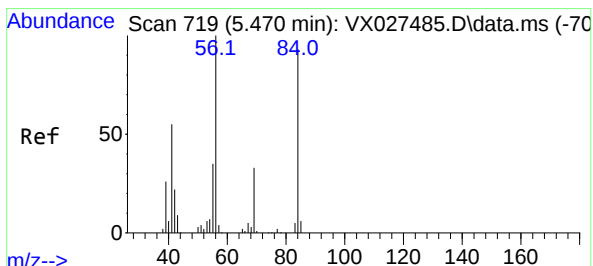
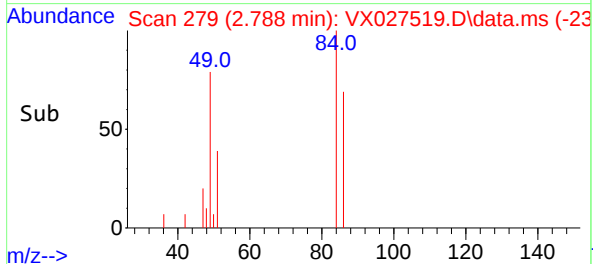
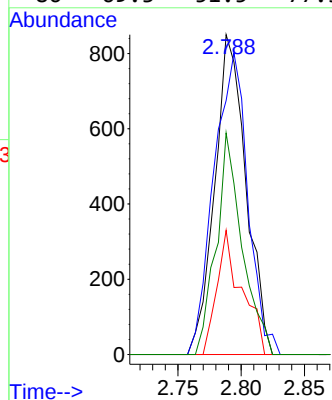
#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1463

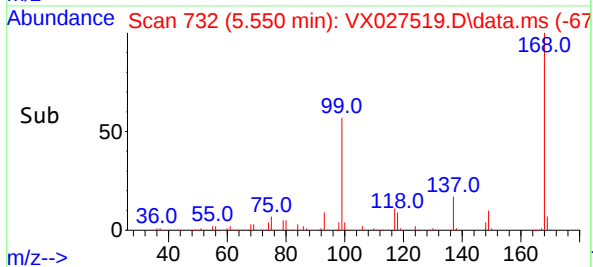
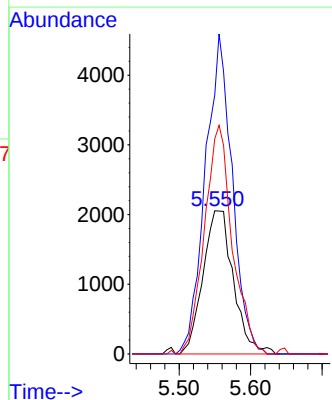
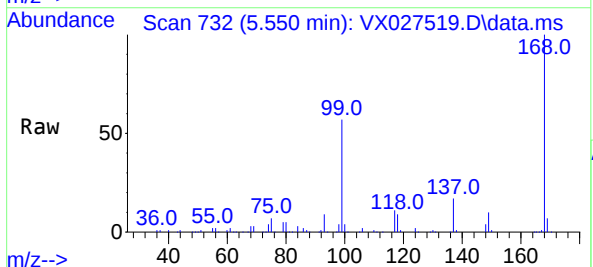
Ion	Ratio	Lower	Upper
84	100		
49	79.4	85.5	128.3#
51	38.8	26.6	39.8
86	69.3	51.5	77.3

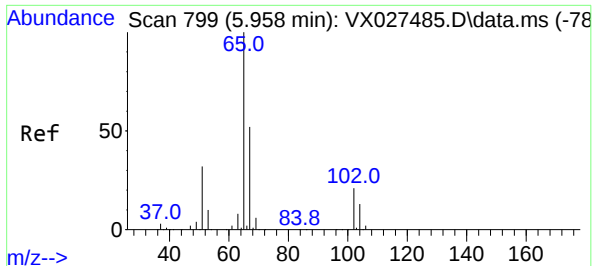


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Tgt Ion: 56 Resp: 6077

Ion	Ratio	Lower	Upper
56	100		
69	180.8	26.7	40.1#
84	150.2	77.2	115.8#

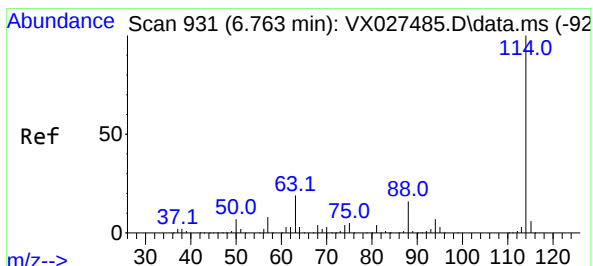
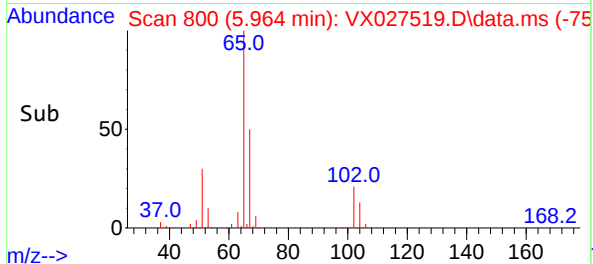
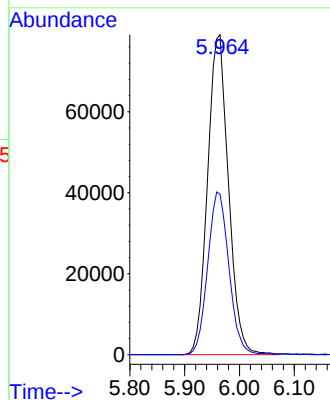
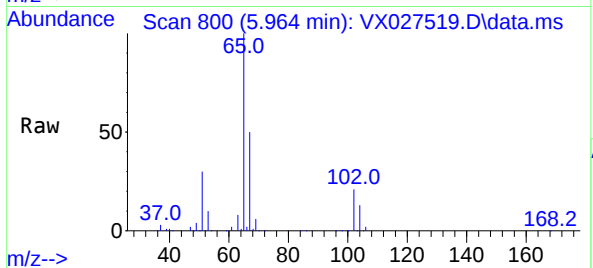




#33
1,2-Dichloroethane-d4
Concen: 51.517 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

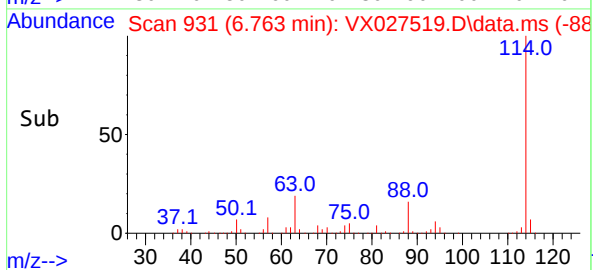
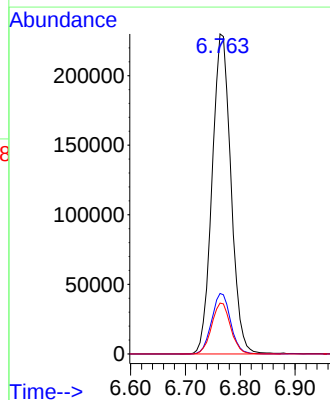
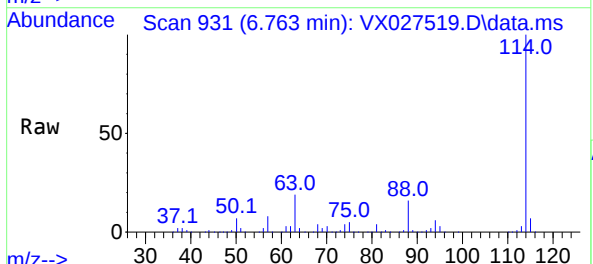
Instrument :
MSVOA_X
ClientSampleId :

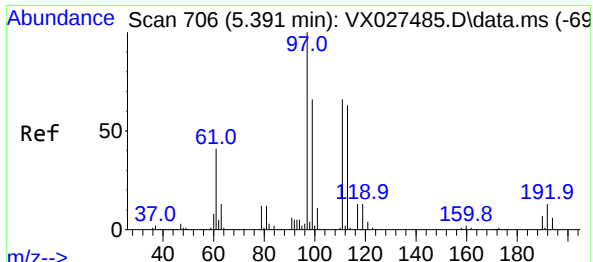
Tgt Ion: 65 Resp: 208962
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

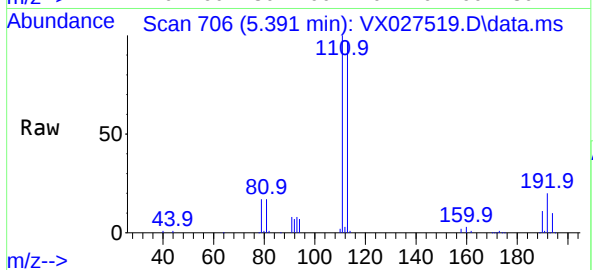
Tgt Ion: 114 Resp: 547008
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 15.9 0.0 32.4





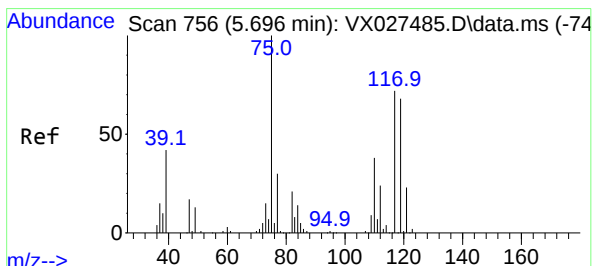
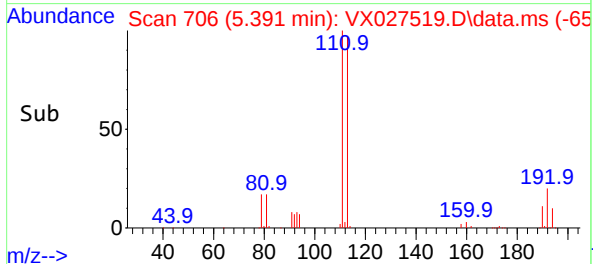
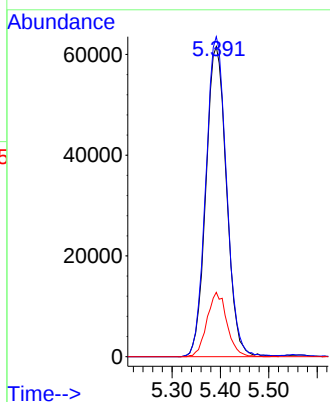
#35
 Dibromofluoromethane
 Concen: 51.793 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027519.D
 Acq: 18 Mar 2022 11:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:113 Resp: 182277

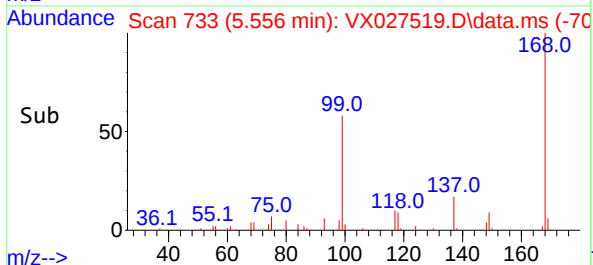
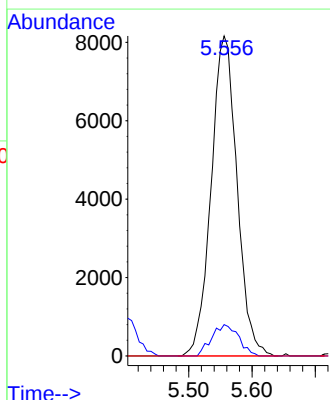
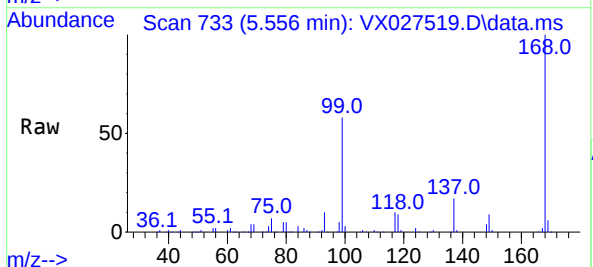
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	20.1	16.9	25.3

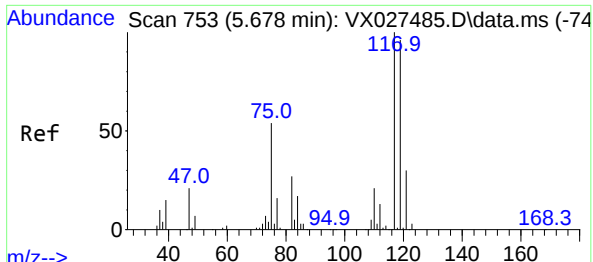


#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX027519.D
 Acq: 18 Mar 2022 11:09

Tgt Ion: 75 Resp: 23167

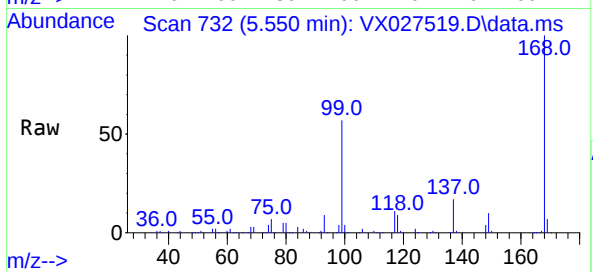
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.8#
77	0.0	24.8	37.2#



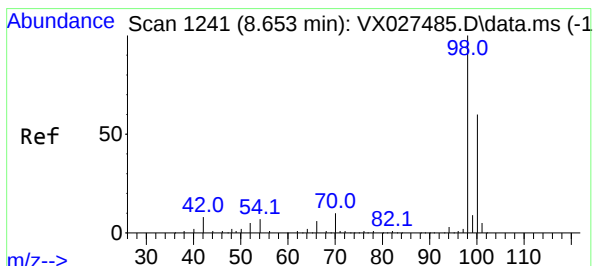
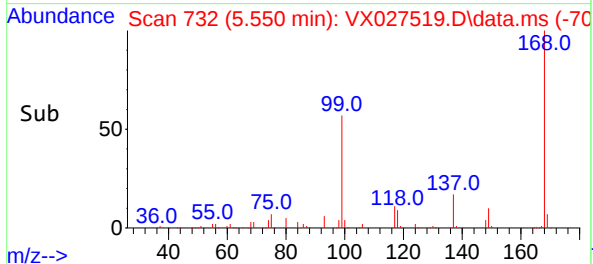
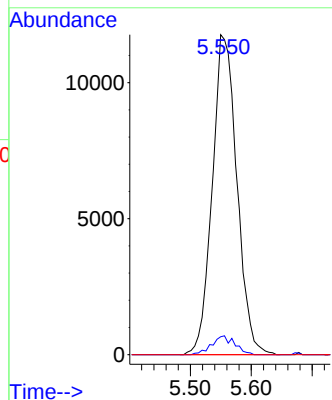


#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :

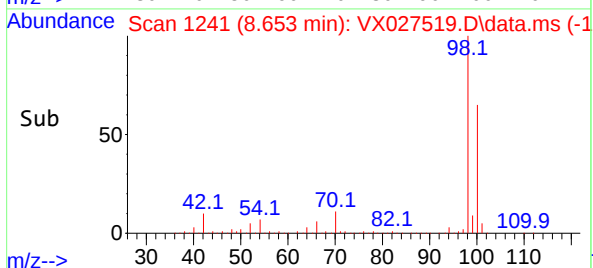
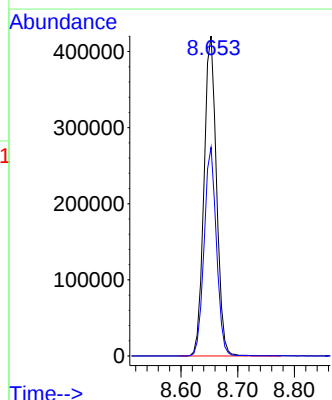
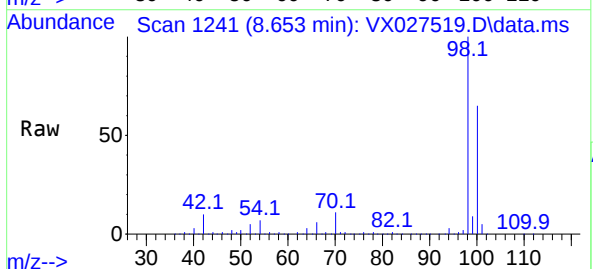


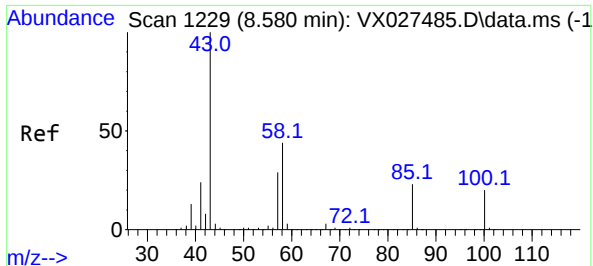
Tgt Ion:117 Resp: 32963
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.360 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Tgt Ion: 98 Resp: 644044
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.506 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027519.D

Acq: 18 Mar 2022 11:09

Instrument :

MSVOA_X

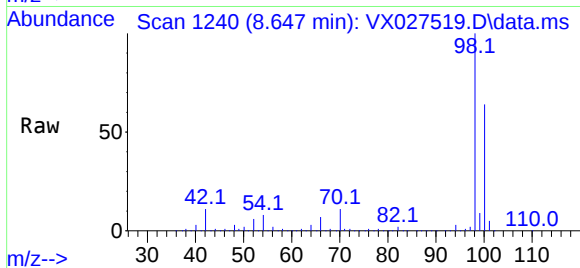
ClientSampleId :

Tgt Ion: 43 Resp: 2493

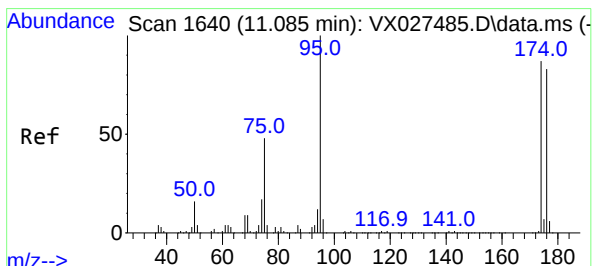
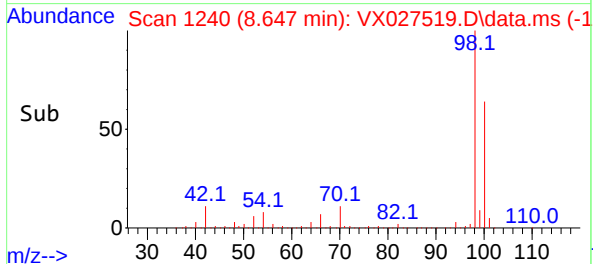
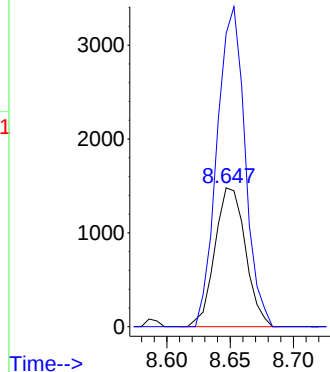
Ion Ratio Lower Upper

43 100

58 210.6 36.1 54.1#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.683 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027519.D

Acq: 18 Mar 2022 11:09

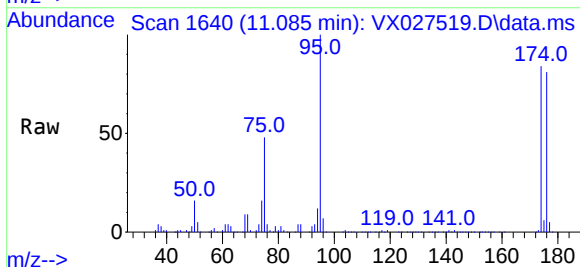
Tgt Ion: 95 Resp: 233408

Ion Ratio Lower Upper

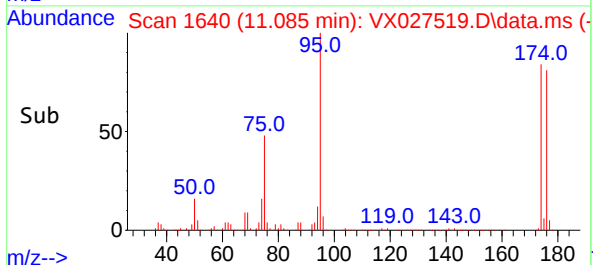
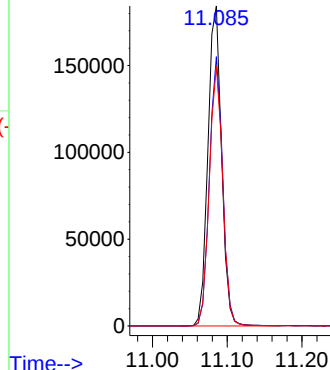
95 100

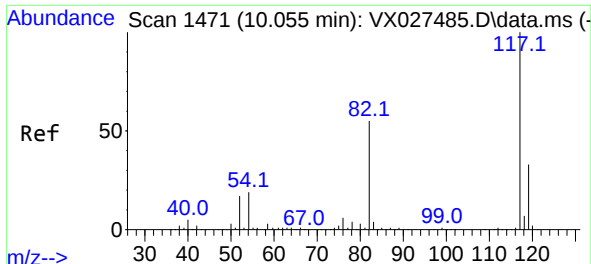
174 82.0 0.0 163.0

176 79.9 0.0 155.0



Abundance

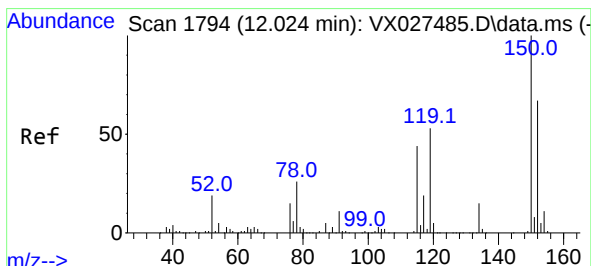
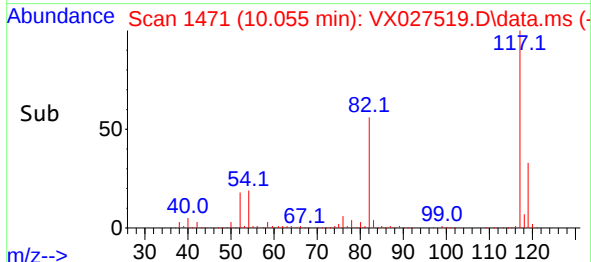
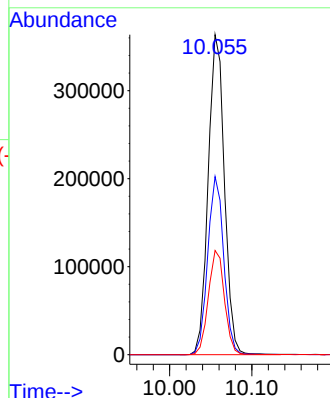
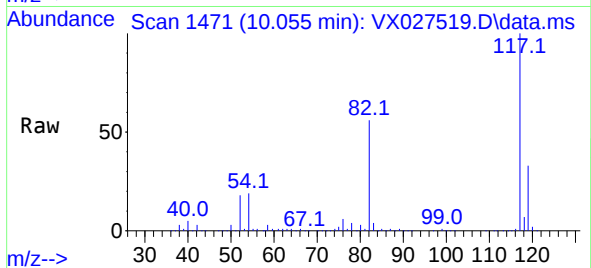




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

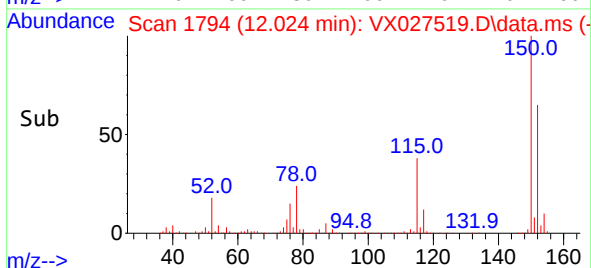
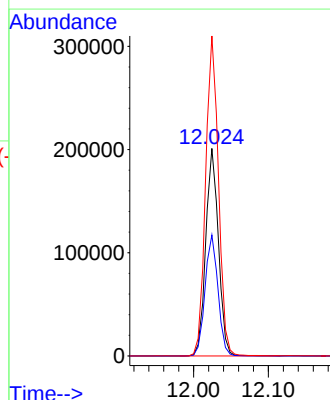
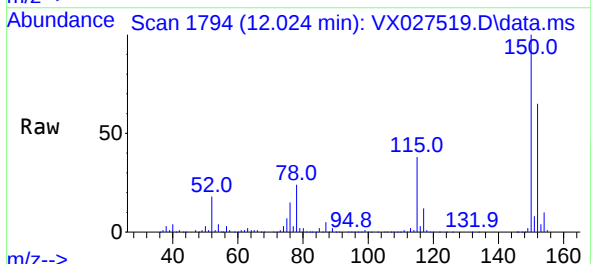
Instrument :
MSVOA_X
ClientSampleId :

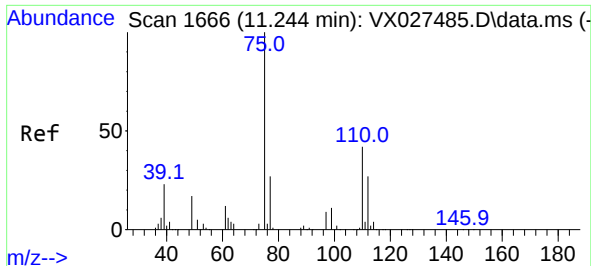
Tgt Ion:117 Resp: 498531
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Tgt Ion:152 Resp: 236335
Ion Ratio Lower Upper
152 100
115 59.4 37.5 112.7
150 156.6 0.0 338.2

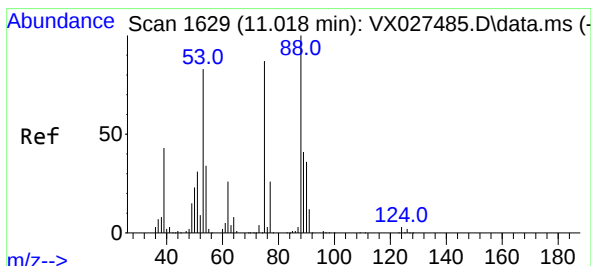
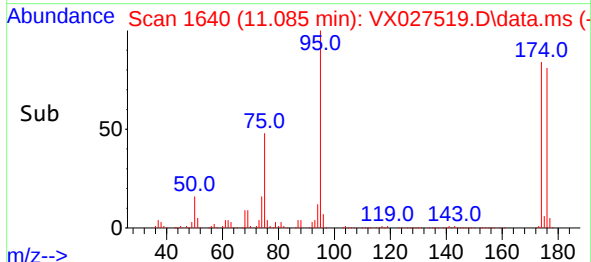
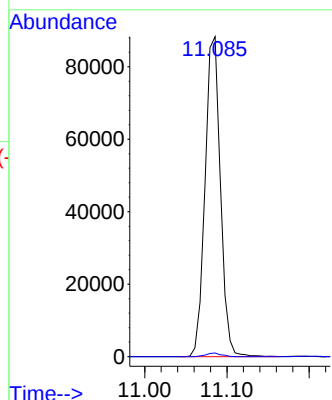
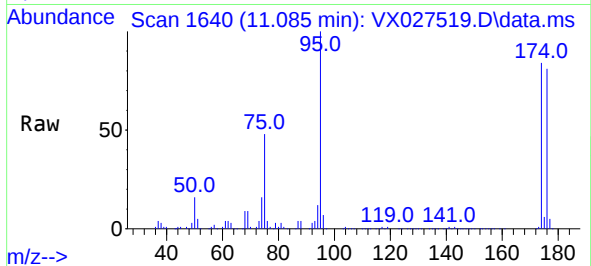




#76
1,2,3-Trichloropropane
Concen: 23.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114810
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.536 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027519.D
Acq: 18 Mar 2022 11:09

Tgt Ion: 75 Resp: 114810
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

