

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027409.D
 Acq On : 11 Mar 2022 18:04
 Operator : JC/MD
 Sample : N1895-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031022

Quant Time: Mar 11 23:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

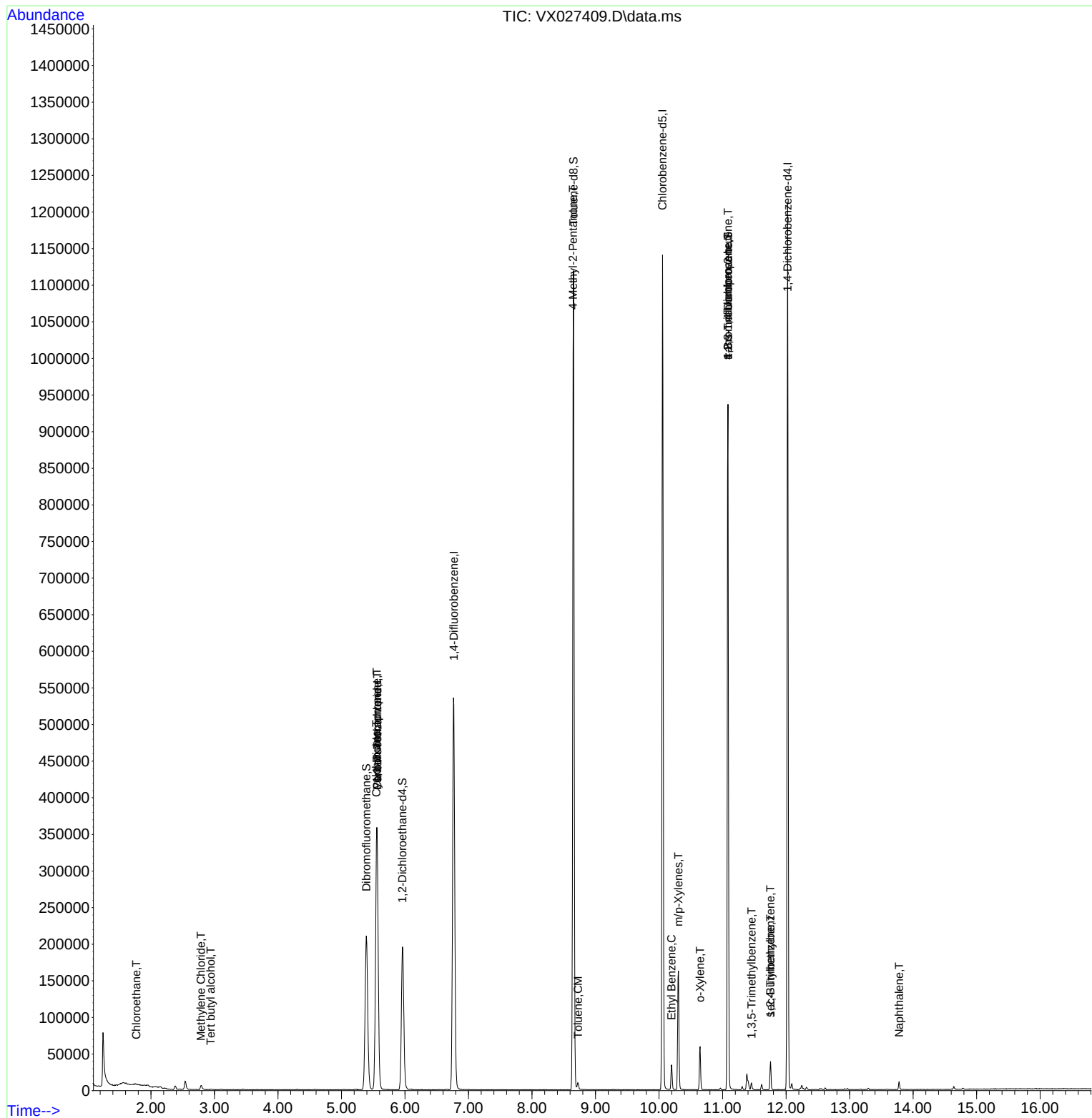
Internal Standards						
1) Pentafluorobenzene	5.562	168	377751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	555049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187222	42.501	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.000%		
35) Dibromofluoromethane	5.391	113	189149	48.769	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.540%		
50) Toluene-d8	8.653	98	700677	47.853	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.085	95	259124	46.433	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	304	Below Cal	#	72
6) Chloroethane	1.770	64	577	0.667	ug/l #	43
11) Tert butyl alcohol	2.940	59	487	0.564	ug/l #	72
20) Methylene Chloride	2.788	84	2980	0.692	ug/l	91
31) Cyclohexane	5.549	56	5548	0.900	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23522	4.368	ug/l #	49
38) Carbon Tetrachloride	5.562	117	34554	6.206	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	2248	0.392	ug/l #	1
52) Toluene	8.726	92	3519	0.337	ug/l	99
67) Ethyl Benzene	10.195	91	20861	1.036	ug/l	97
68) m/p-Xylenes	10.305	106	42202	5.343	ug/l	98
69) o-Xylene	10.646	106	14218	1.823	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	115573	19.831	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	4712	0.283	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	115573	64.135	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	17722	1.073	ug/l	100
85) sec-Butylbenzene	11.756	105	17722	0.883	ug/l #	56
95) Naphthalene	13.780	128	7435	0.372	ug/l	98

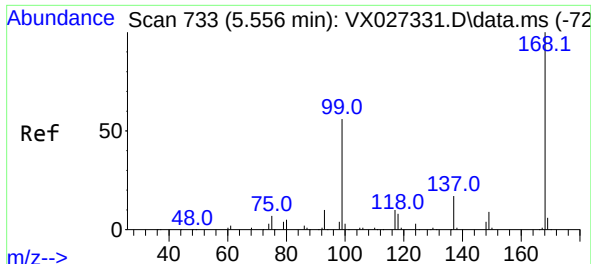
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 11 23:14:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

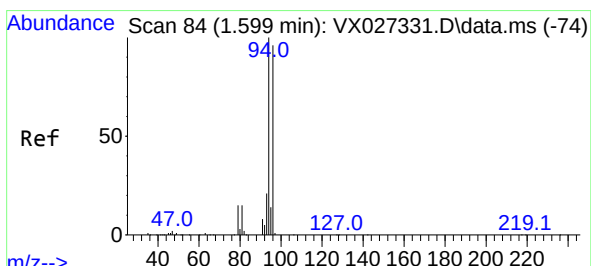
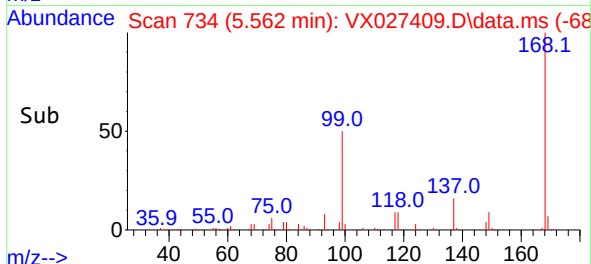
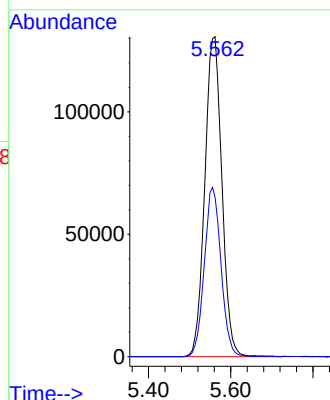
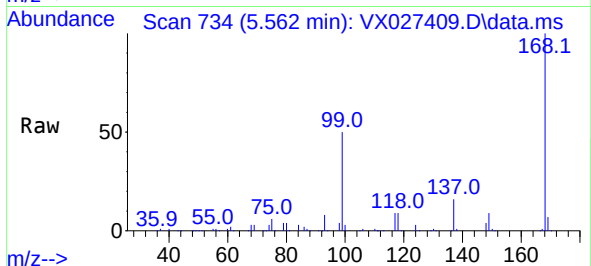




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

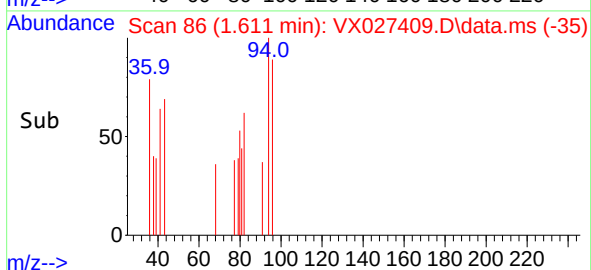
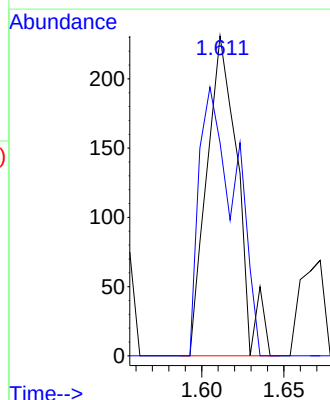
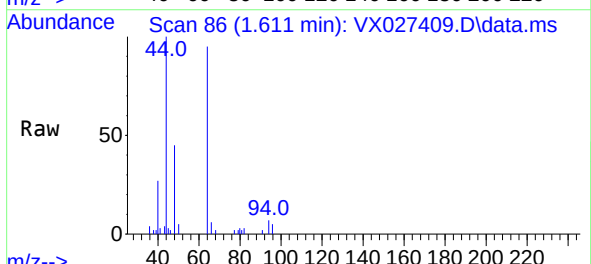
Instrument :
MSVOA_X
ClientSampleId :
FB031022

Tgt Ion:168 Resp: 377751
Ion Ratio Lower Upper
168 100
99 49.8 41.7 62.5

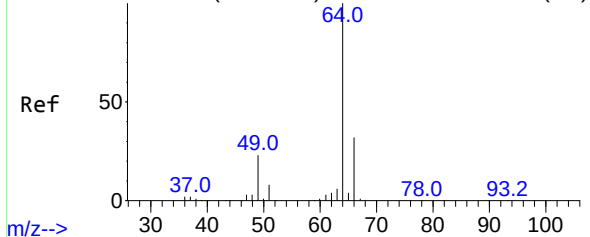


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 66.7 75.3 112.9#



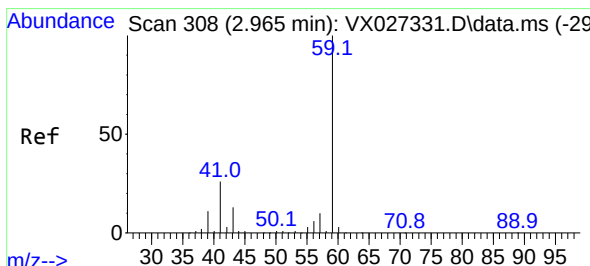
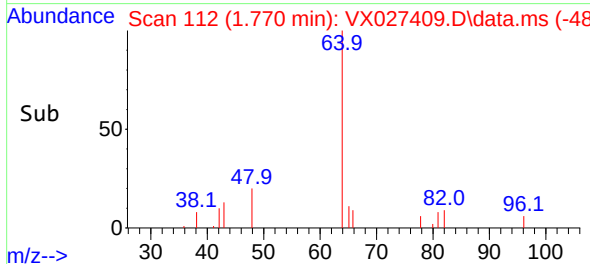
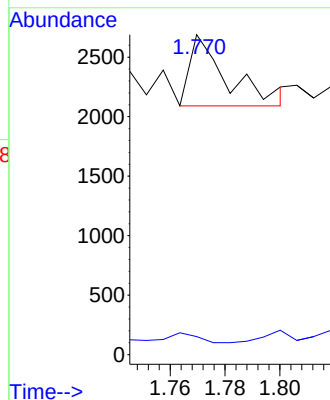
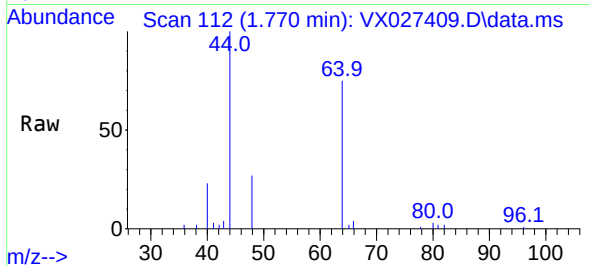
Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



#6
Chloroethane
Concen: 0.667 ug/l
RT: 1.770 min Scan# 11
Delta R.T. 0.091 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

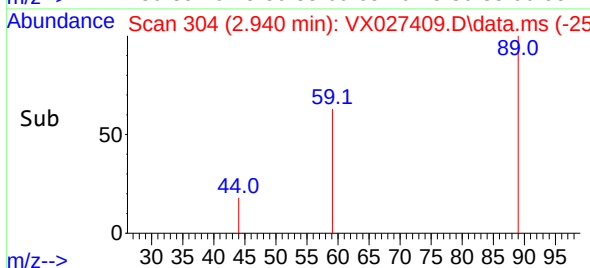
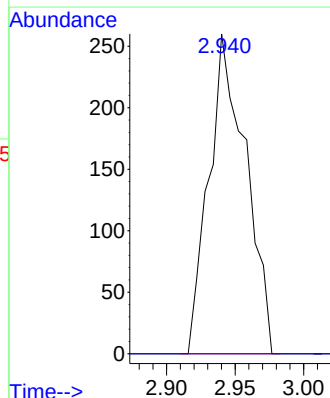
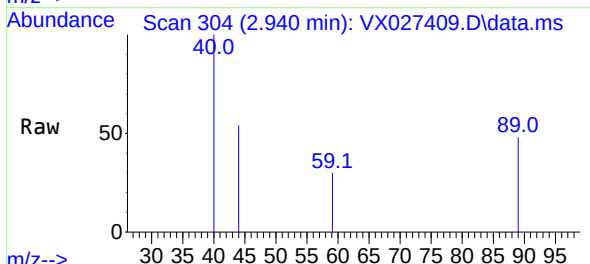
Instrument :
MSVOA_X
ClientSampleId :
FB031022

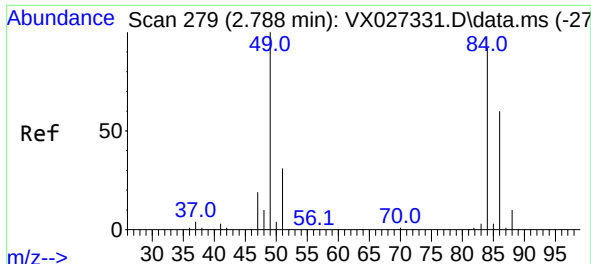
Tgt Ion: 64 Resp: 577
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.564 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

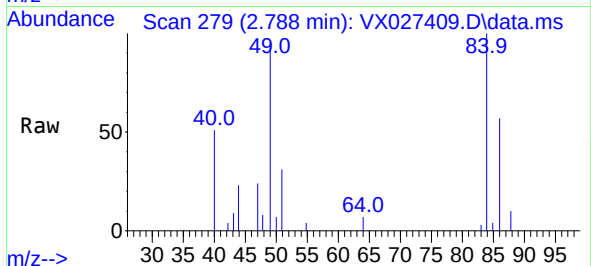
Tgt Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





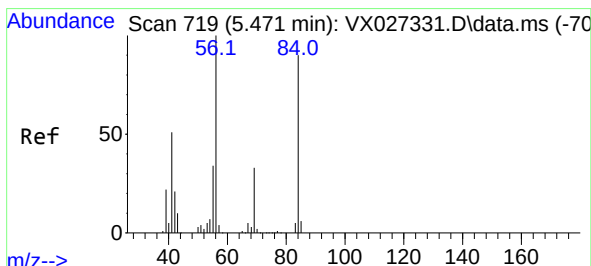
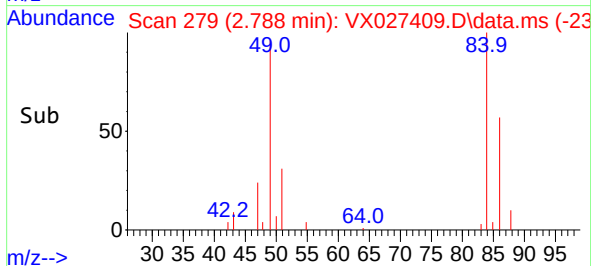
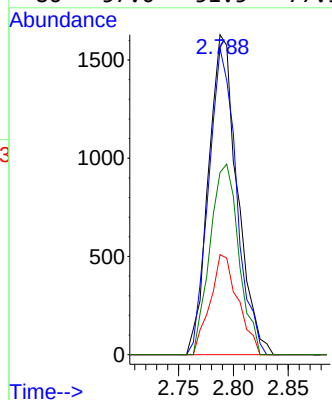
#20
Methylene Chloride
Concen: 0.692 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Instrument :
MSVOA_X
ClientSampleId :
FB031022



Tgt Ion: 84 Resp: 2980

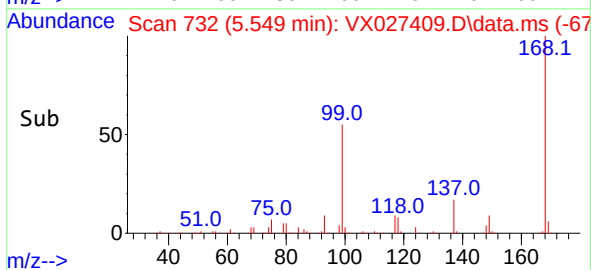
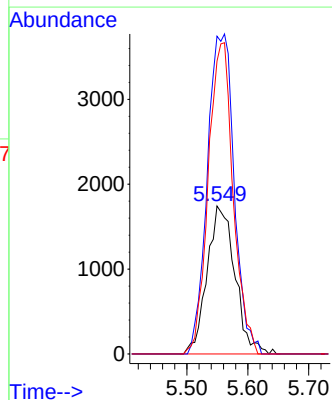
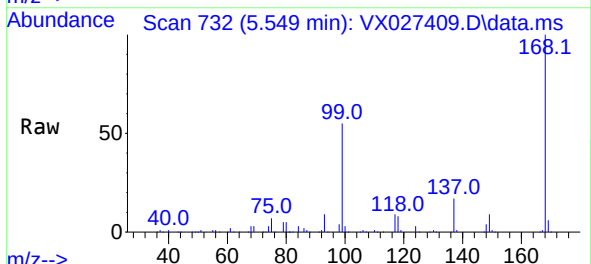
Ion	Ratio	Lower	Upper
84	100		
49	95.6	85.5	128.3
51	31.2	26.6	39.8
86	57.0	51.5	77.3

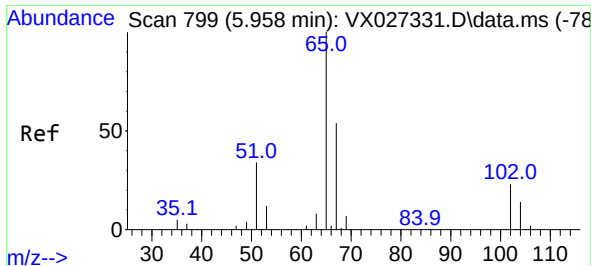


#31
Cyclohexane
Concen: 0.900 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 56 Resp: 5548

Ion	Ratio	Lower	Upper
56	100		
69	214.7	26.7	40.1#
84	197.9	77.2	115.8#

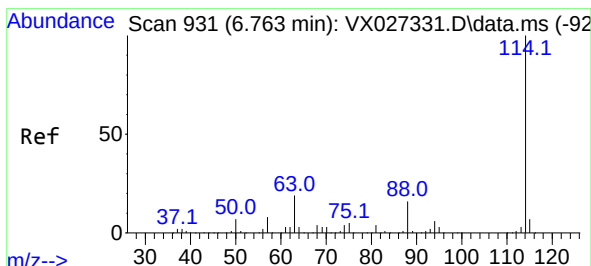
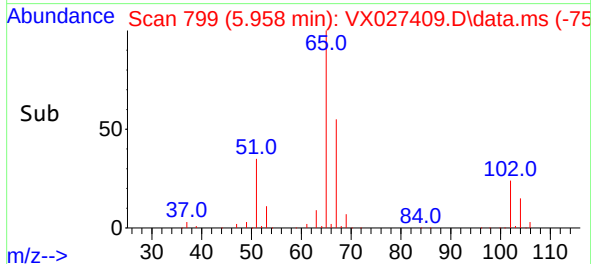
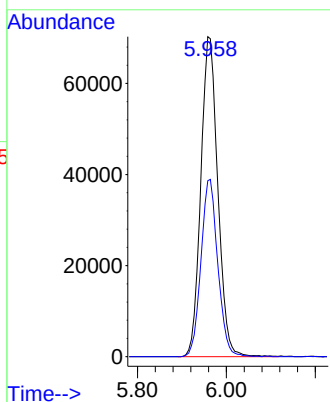
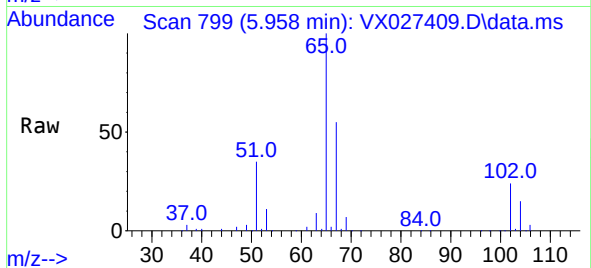




#33
 1,2-Dichloroethane-d4
 Concen: 42.501 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX027409.D
 Acq: 11 Mar 2022 18:04

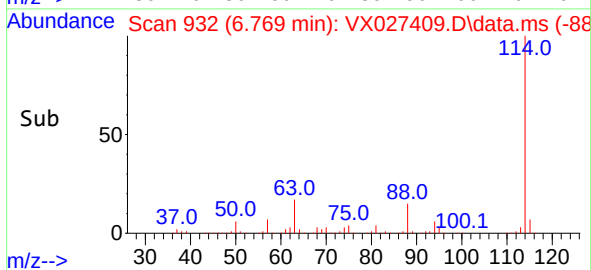
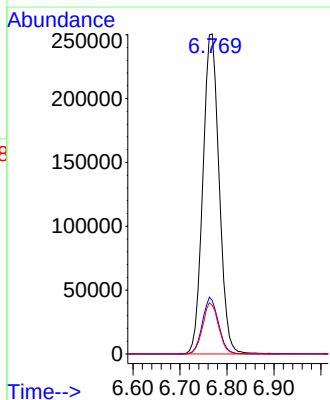
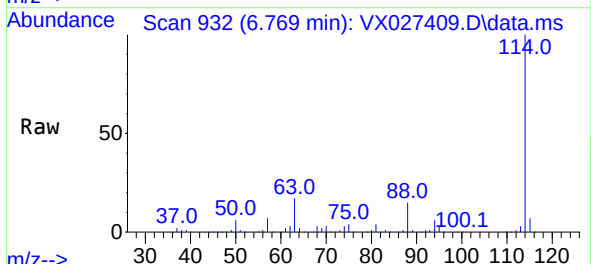
Instrument :
 MSVOA_X
 ClientSampleId :
 FB031022

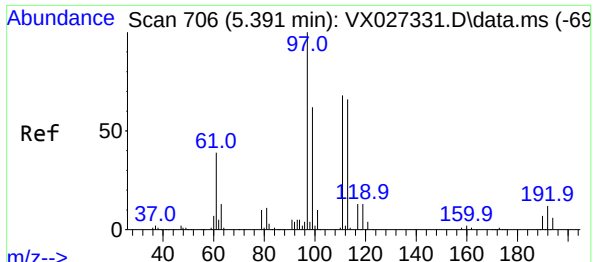
Tgt Ion: 65 Resp: 187222
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX027409.D
 Acq: 11 Mar 2022 18:04

Tgt Ion: 114 Resp: 601073
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 36.8
 88 15.2 0.0 32.4

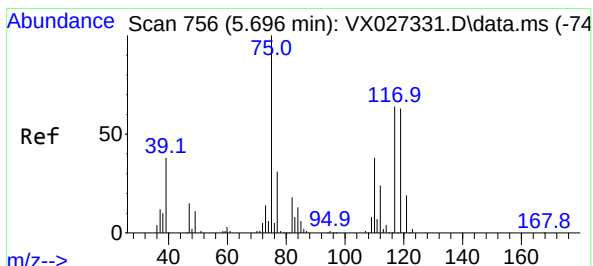
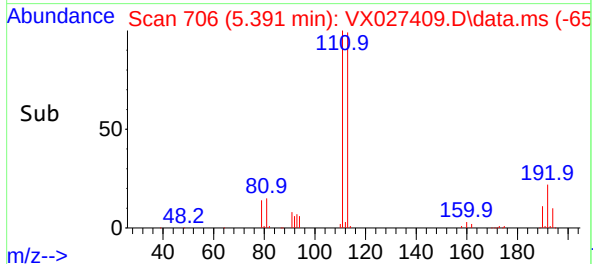
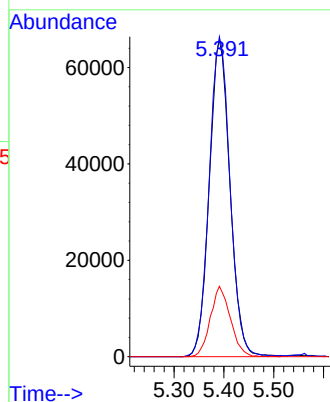
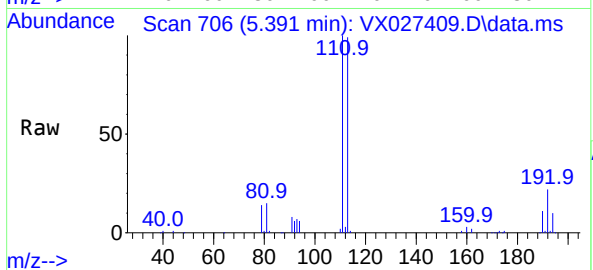




#35
Dibromofluoromethane
Concen: 48.769 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

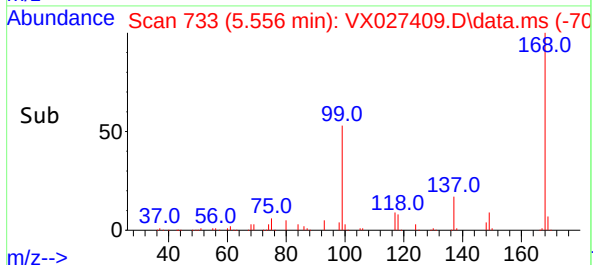
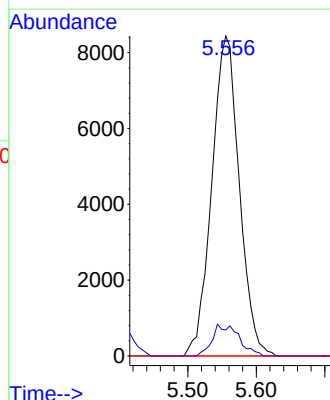
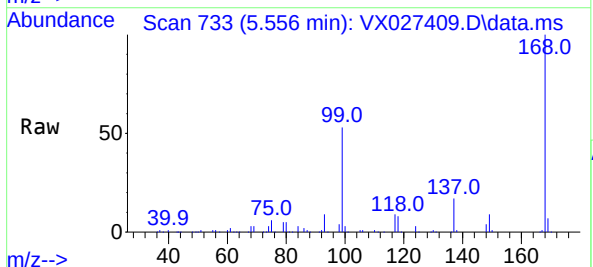
Instrument :
MSVOA_X
ClientSampleId :
FB031022

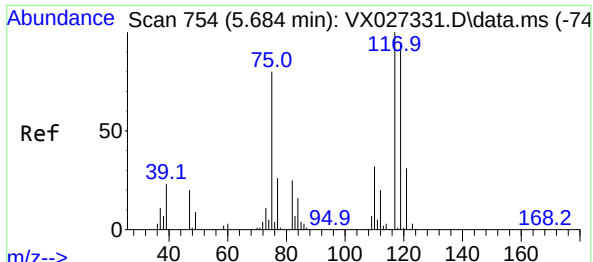
Tgt Ion:113 Resp: 189149
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.368 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

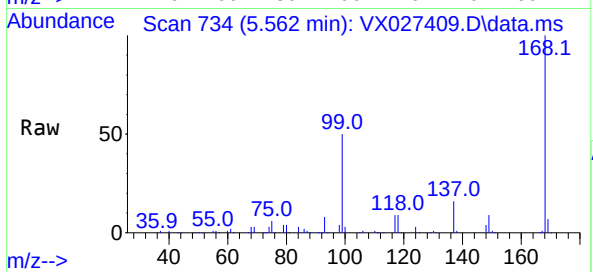
Tgt Ion: 75 Resp: 23522
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



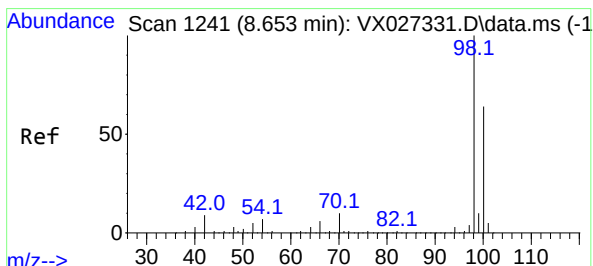
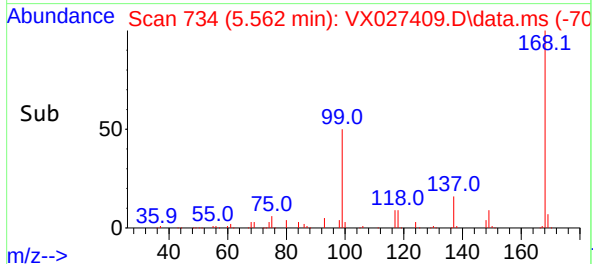
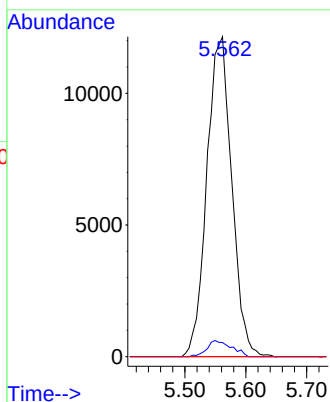


#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Instrument :
MSVOA_X
ClientSampleId :
FB031022

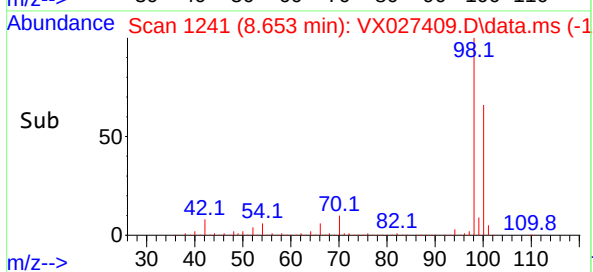
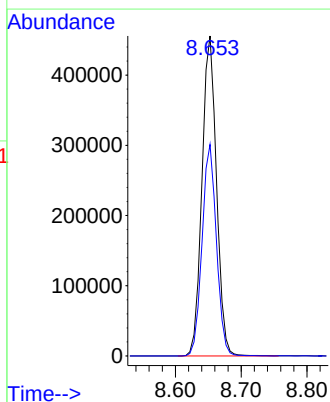
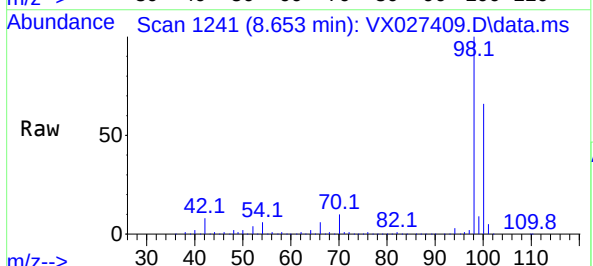


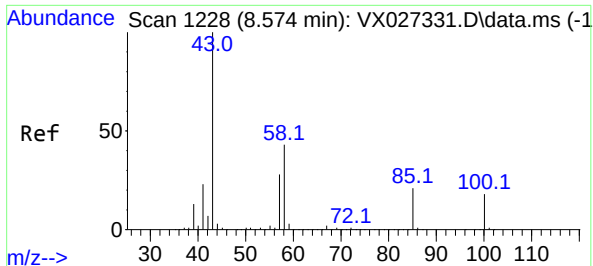
Tgt Ion:117 Resp: 34554
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.853 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 98 Resp: 700677
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.392 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.072 min

Lab File: VX027409.D

Acq: 11 Mar 2022 18:04

Instrument :

MSVOA_X

ClientSampleId :

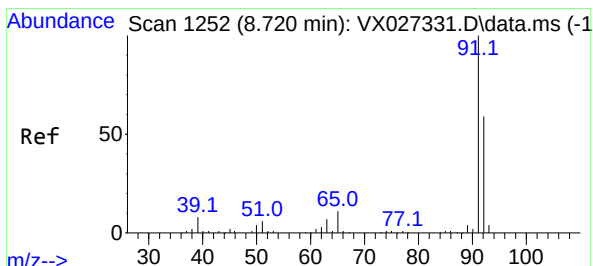
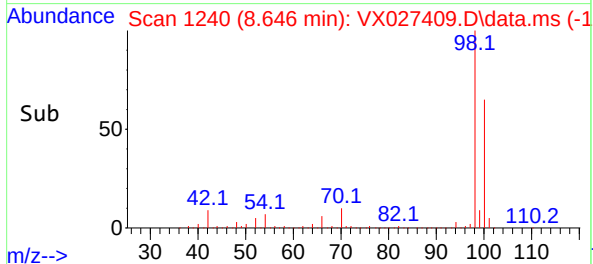
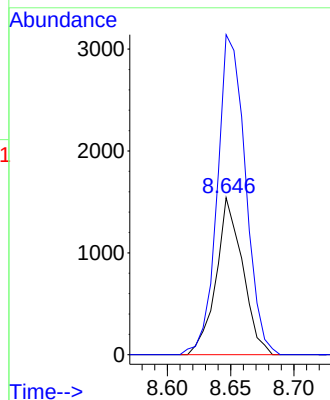
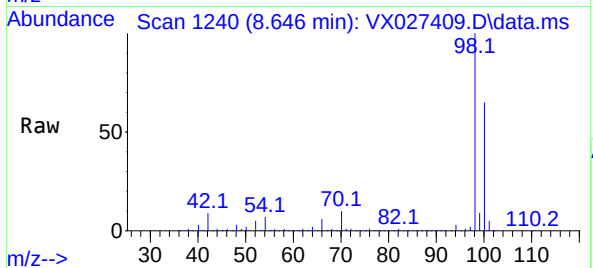
FB031022

Tgt Ion: 43 Resp: 2248

Ion Ratio Lower Upper

43 100

58 216.1 36.1 54.1#



#52

Toluene

Concen: 0.337 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX027409.D

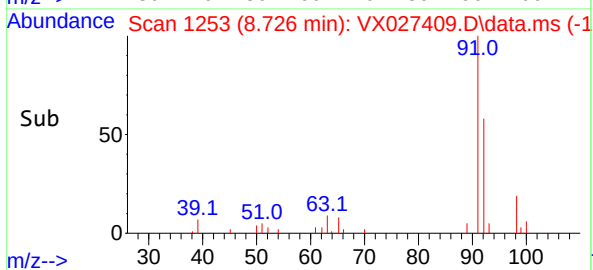
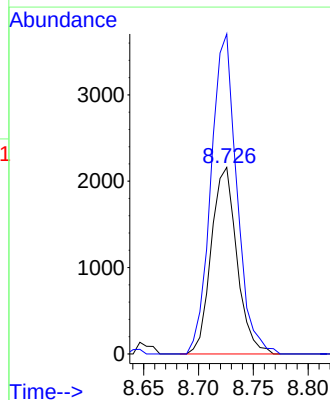
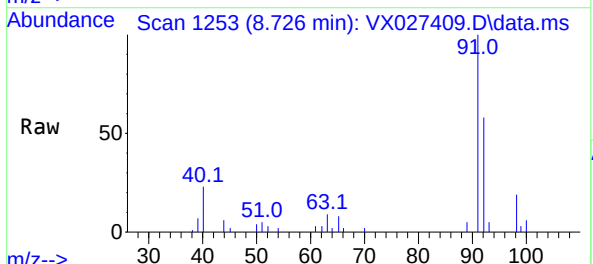
Acq: 11 Mar 2022 18:04

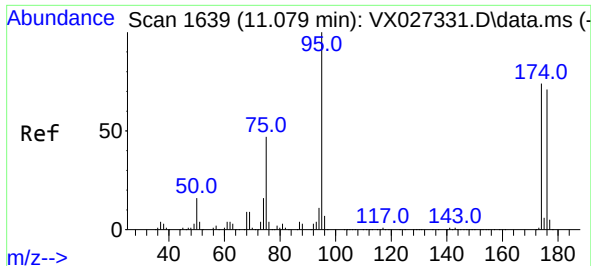
Tgt Ion: 92 Resp: 3519

Ion Ratio Lower Upper

92 100

91 172.6 137.5 206.3

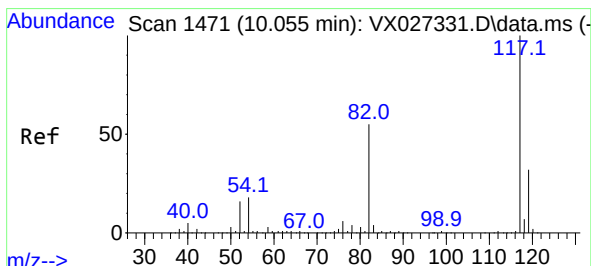
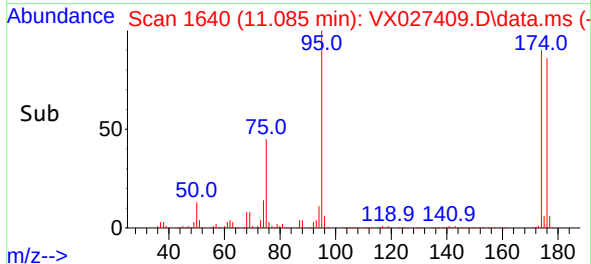
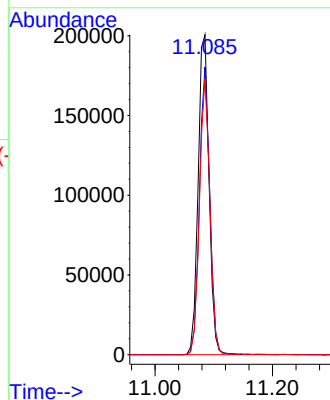
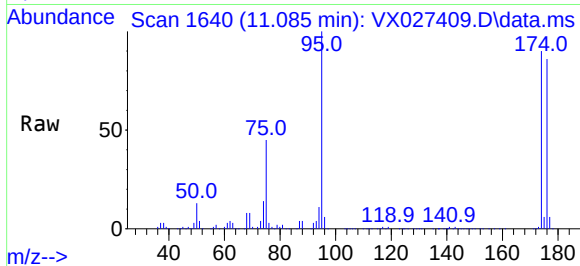




#62
4-Bromofluorobenzene
Concen: 46.433 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

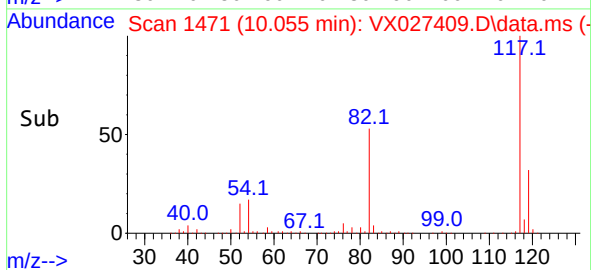
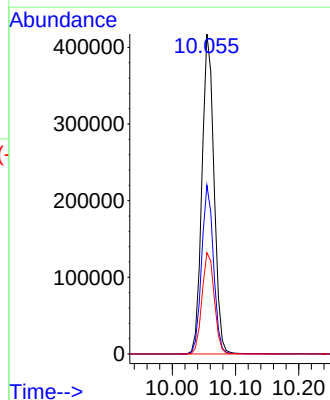
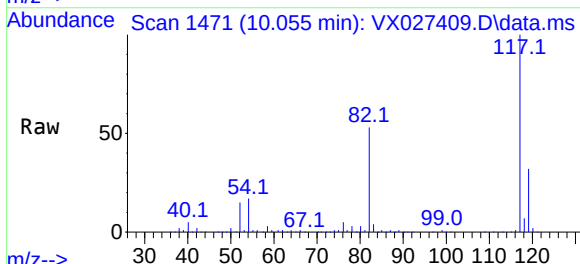
Instrument :
MSVOA_X
ClientSampleId :
FB031022

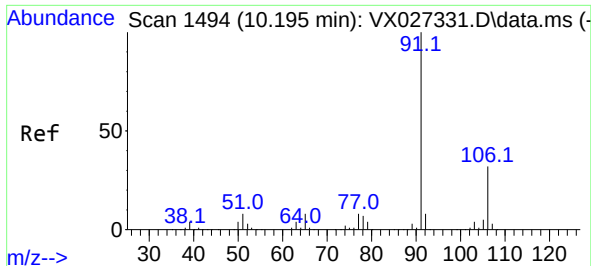
Tgt Ion: 95 Resp: 259124
Ion Ratio Lower Upper
95 100
174 85.8 0.0 163.0
176 82.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 117 Resp: 555049
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.7 24.8 37.2





#67

Ethyl Benzene

Concen: 1.036 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX027409.D

Acq: 11 Mar 2022 18:04

Instrument :

MSVOA_X

ClientSampleId :

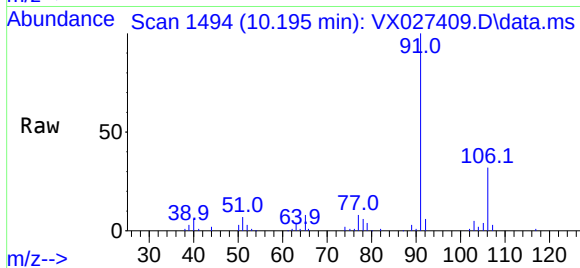
FB031022

Tgt Ion: 91 Resp: 20861

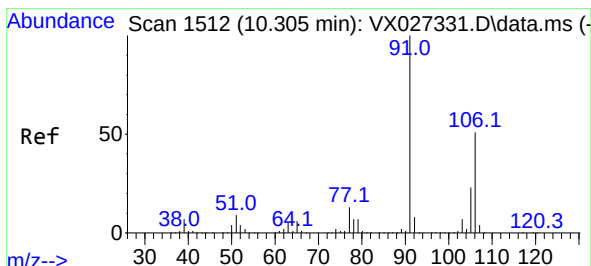
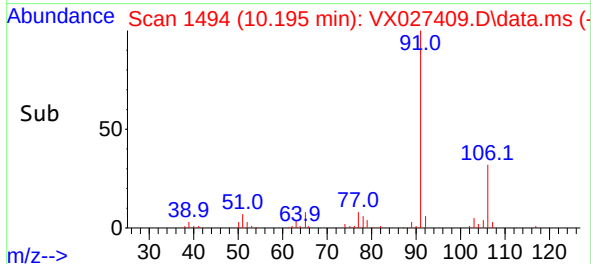
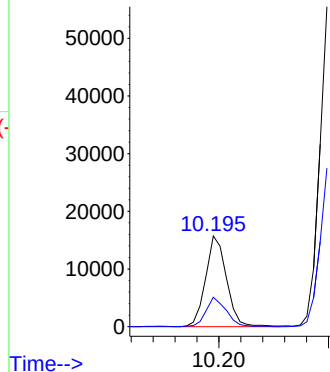
Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 5.343 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027409.D

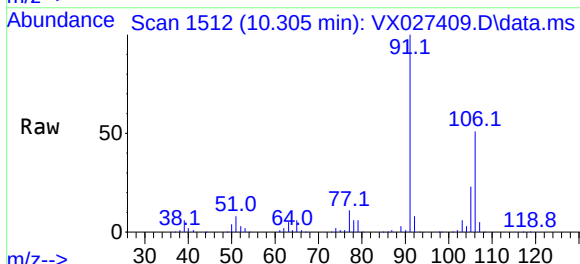
Acq: 11 Mar 2022 18:04

Tgt Ion: 106 Resp: 42202

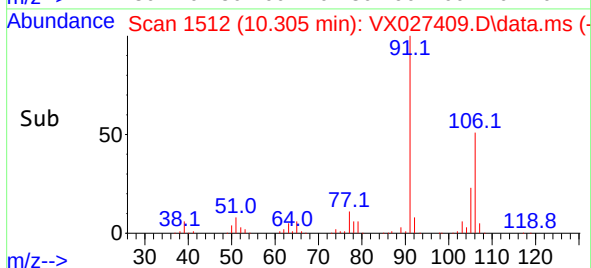
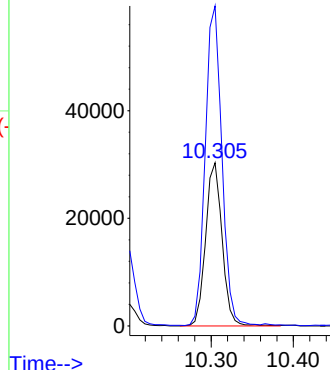
Ion Ratio Lower Upper

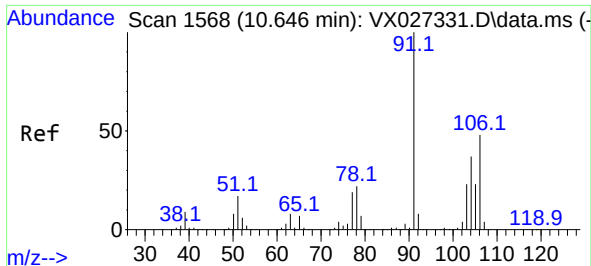
106 100

91 196.8 160.4 240.6



Abundance

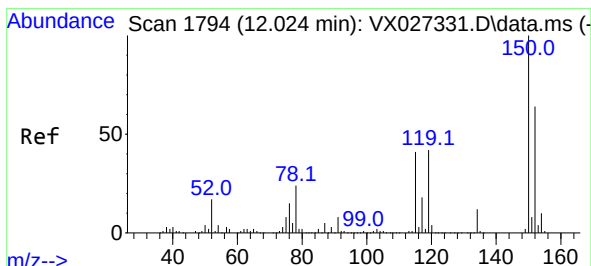
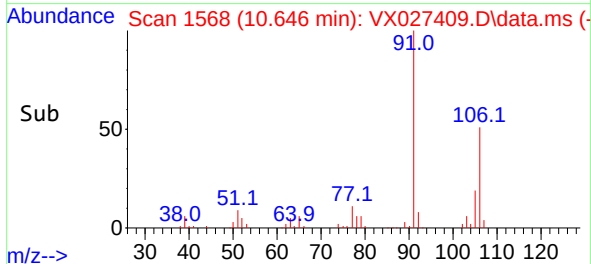
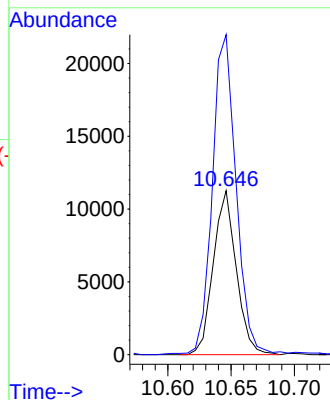
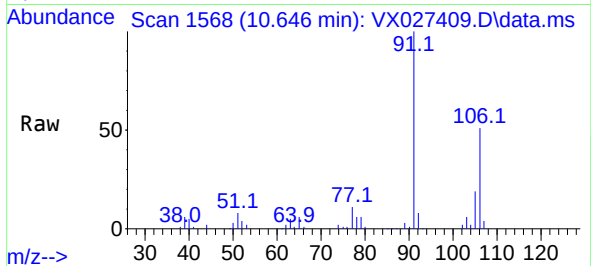




#69
o-Xylene
Concen: 1.823 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

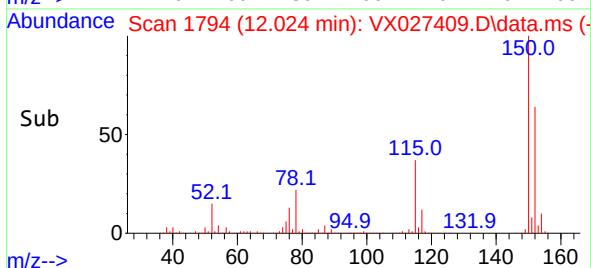
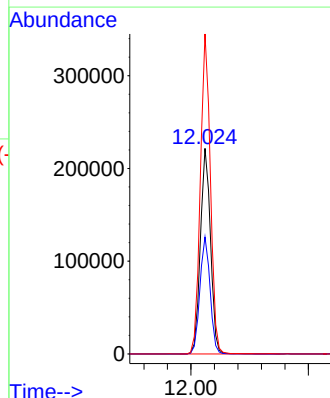
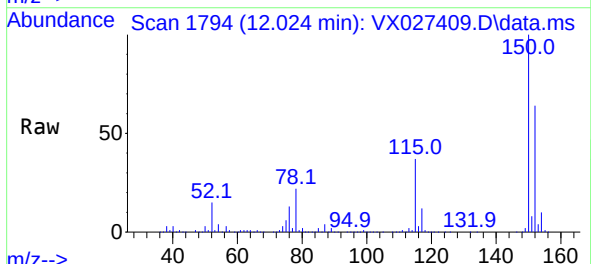
Instrument :
MSVOA_X
ClientSampleId :
FB031022

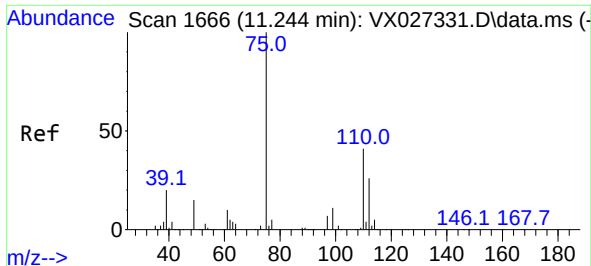
Tgt Ion:106 Resp: 14218
Ion Ratio Lower Upper
106 100
91 203.4 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion:152 Resp: 265627
Ion Ratio Lower Upper
152 100
115 57.2 37.5 112.7
150 154.3 0.0 338.2

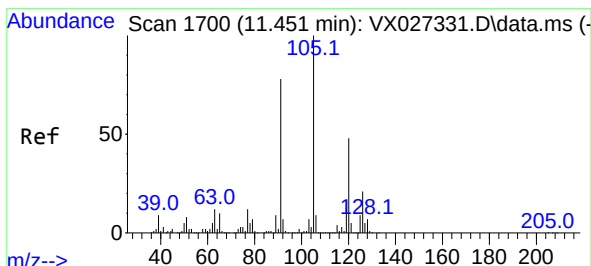
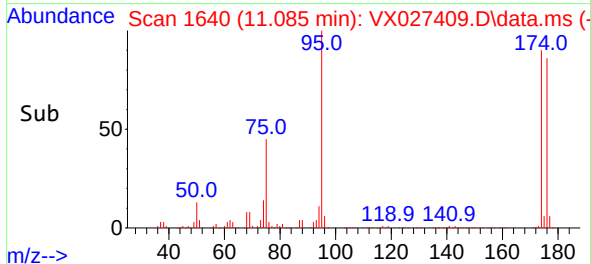
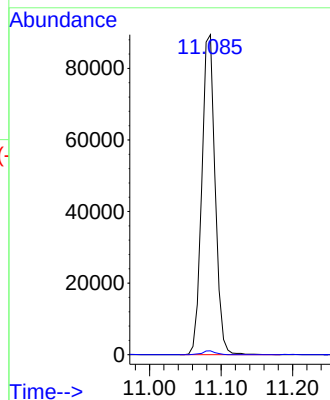
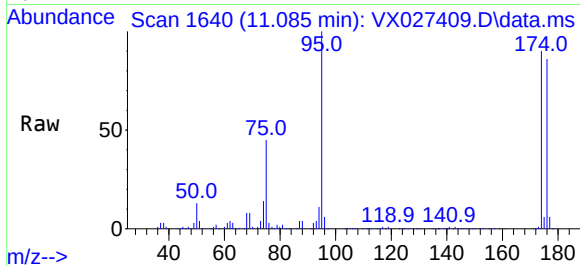




#76
1,2,3-Trichloropropane
Concen: 19.831 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

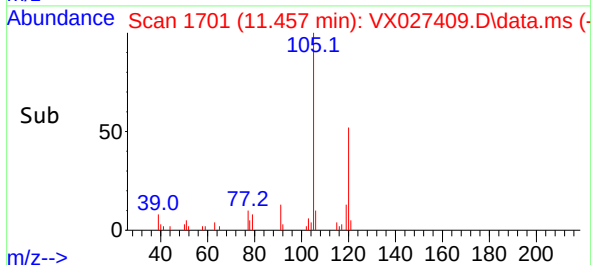
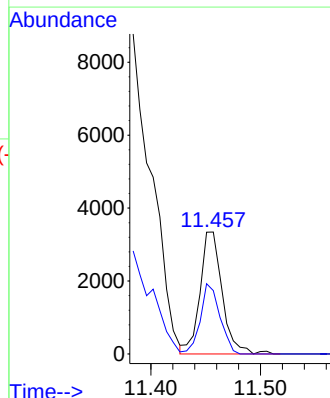
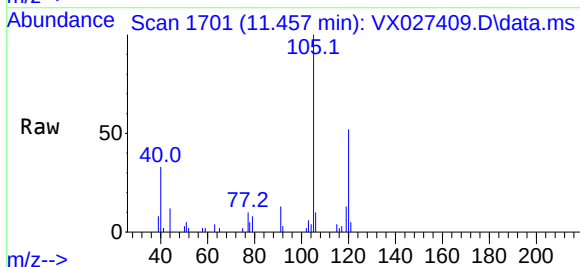
Instrument :
MSVOA_X
ClientSampleId :
FB031022

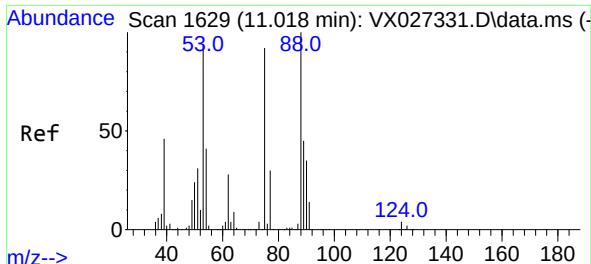
Tgt Ion: 75 Resp: 115573
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.283 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 105 Resp: 4712
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.9

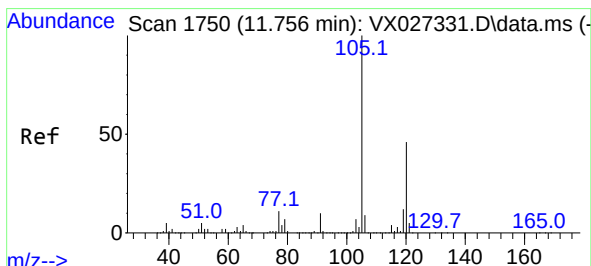
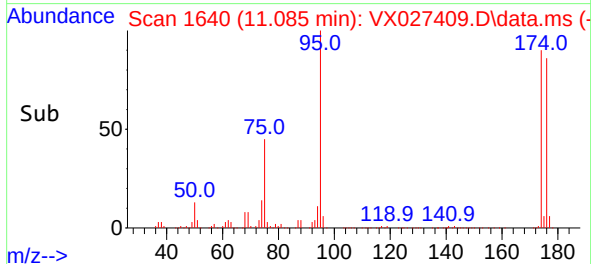
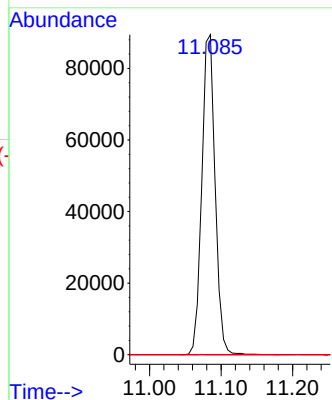
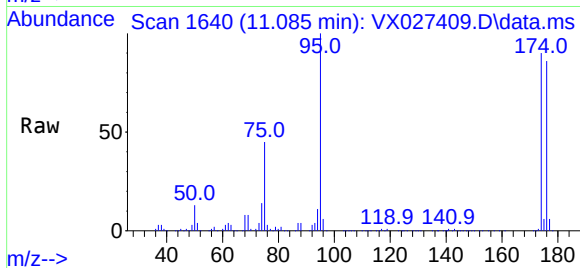




#81
trans-1,4-Dichloro-2-butene
Concen: 64.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

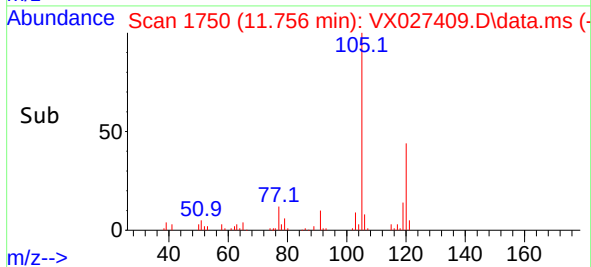
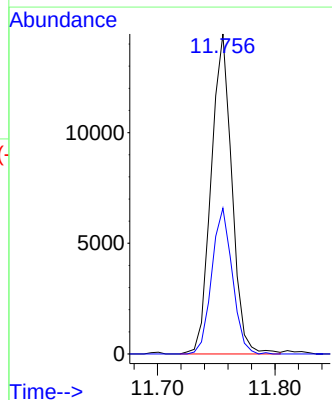
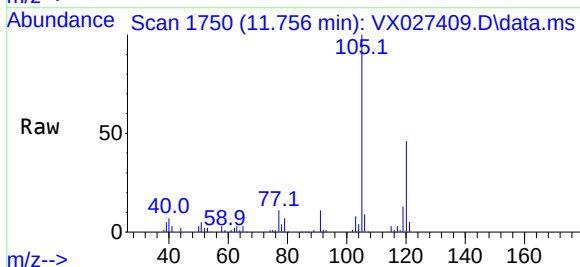
Instrument :
MSVOA_X
ClientSampleId :
FB031022

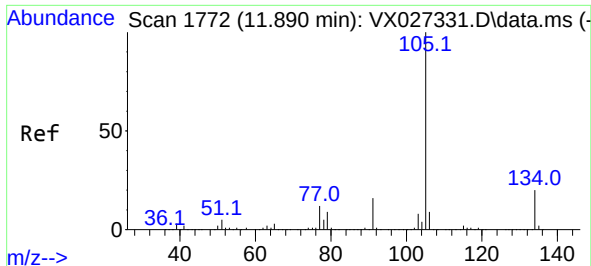
Tgt Ion: 75 Resp: 115573
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 1.073 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027409.D
Acq: 11 Mar 2022 18:04

Tgt Ion: 105 Resp: 17722
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8

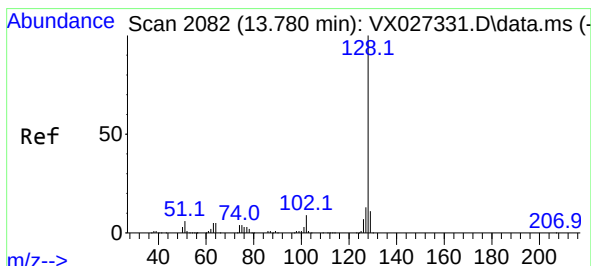
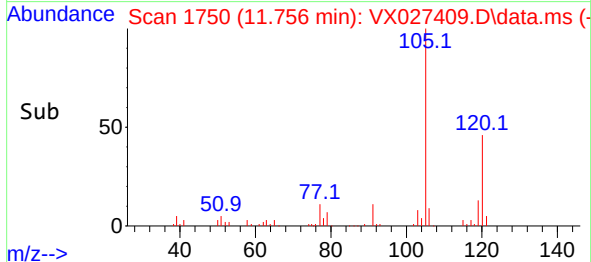
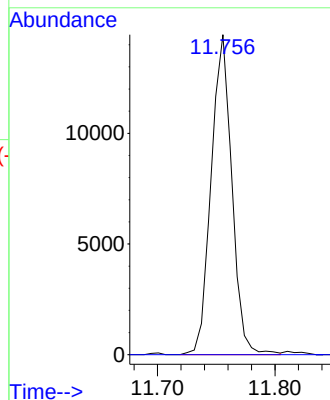
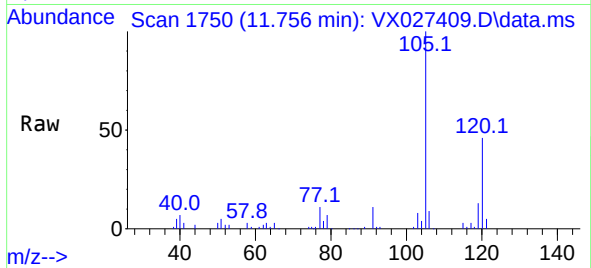




#85
 sec-Butylbenzene
 Concen: 0.883 ug/l
 RT: 11.756 min Scan# 17722
 Delta R.T. -0.134 min
 Lab File: VX027409.D
 Acq: 11 Mar 2022 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031022

Tgt Ion:105 Resp: 17722
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#95
 Naphthalene
 Concen: 0.372 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX027409.D
 Acq: 11 Mar 2022 18:04

Tgt Ion:128 Resp: 7435
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.2 15.4
 129 11.2 8.7 13.1

