

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032685.D
 Acq On : 09 Nov 2022 17:24
 Operator : JC/MD
 Sample : N5512-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1896-TOTE

Quant Time: Nov 10 03:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

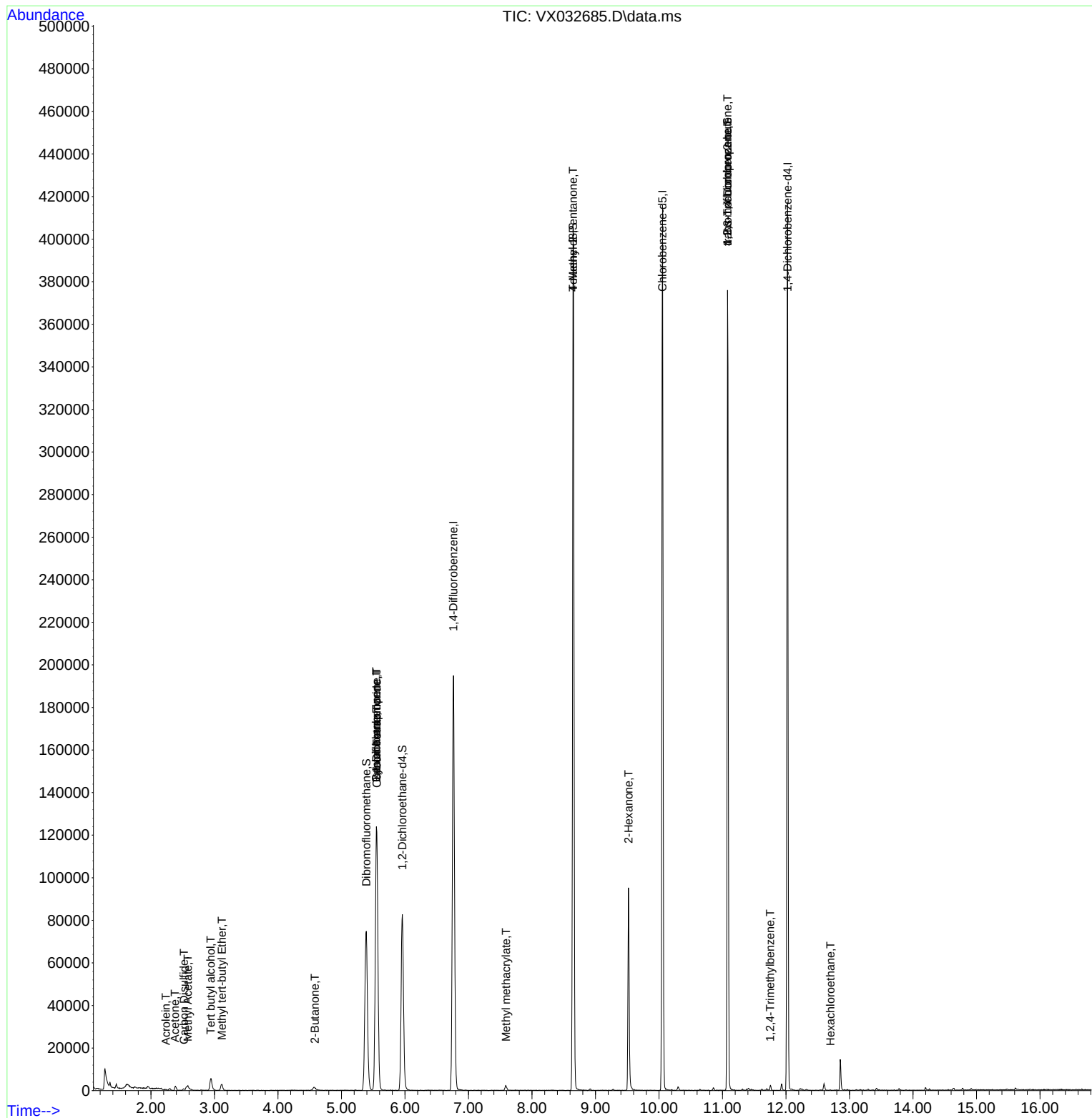
Internal Standards						
1) Pentafluorobenzene	5.550	168	118658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82629	50.117	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.240%		
35) Dibromofluoromethane	5.391	113	63979	45.737	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.480%		
50) Toluene-d8	8.647	98	238552	49.043	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.080%		
62) 4-Bromofluorobenzene	11.079	95	93563	49.242	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.480%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	4033	16.806	ug/l #	72
13) Acrolein	2.233	56	194	0.810	ug/l #	57
16) Acetone	2.380	43	2351	3.923	ug/l #	85
17) Carbon Disulfide	2.520	76	857	0.302	ug/l #	74
18) Methyl Acetate	2.581	43	1248	0.640	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	3038	0.726	ug/l	98
25) 2-Butanone	4.581	43	211	0.227	ug/l #	47
31) Cyclohexane	5.550	56	2517	1.259	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	8932	4.585	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12216	5.654	ug/l #	15
48) Methyl methacrylate	7.592	41	747	0.465	ug/l #	37
51) 4-Methyl-2-Pentanone	8.647	43	1139	0.581	ug/l #	1
59) 2-Hexanone	9.519	43	12713	8.737	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	51321	27.206	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51321	86.570	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	1236	0.216	ug/l	97
90) Hexachloroethane	12.701	117	194	0.203	ug/l #	12

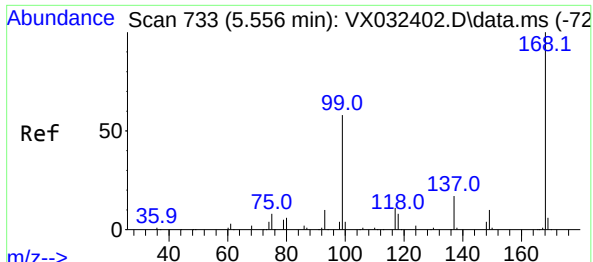
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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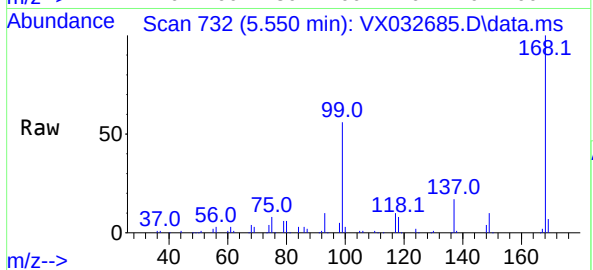
Quant Time: Nov 10 03:06:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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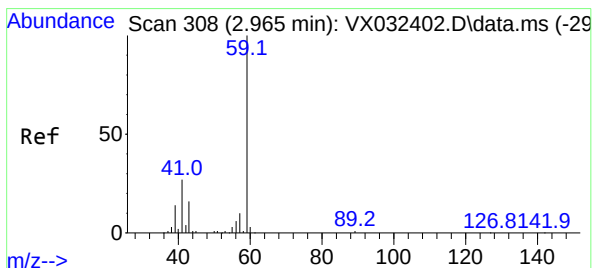
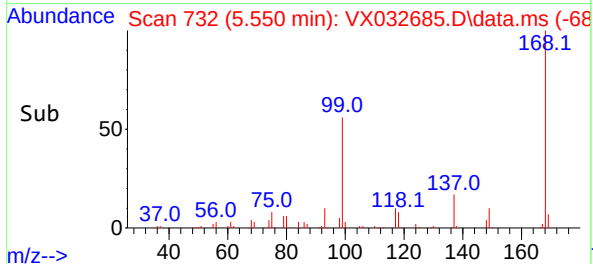
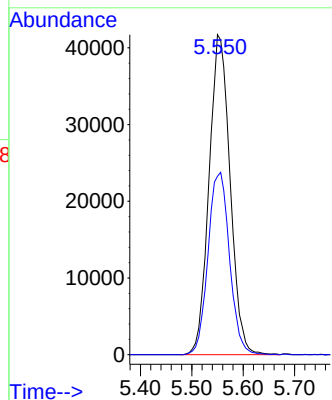


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Instrument :
MSVOA_X
ClientSampleId :
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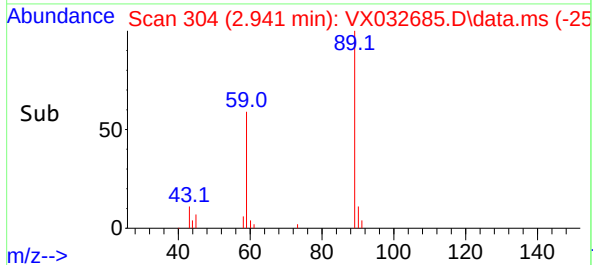
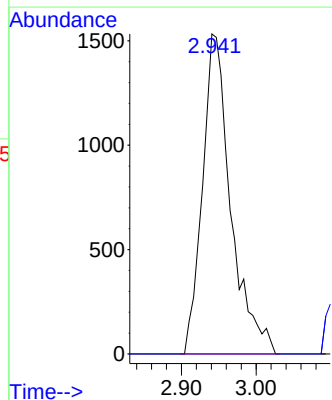
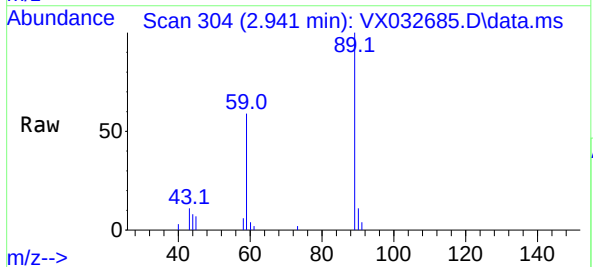


Tgt Ion:168 Resp: 118658
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1

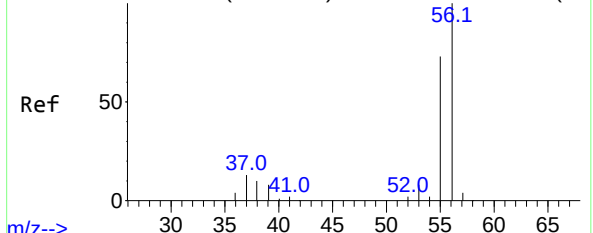


#11
Tert butyl alcohol
Concen: 16.806 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

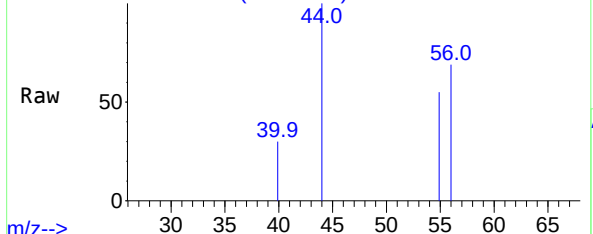
Tgt Ion: 59 Resp: 4033
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



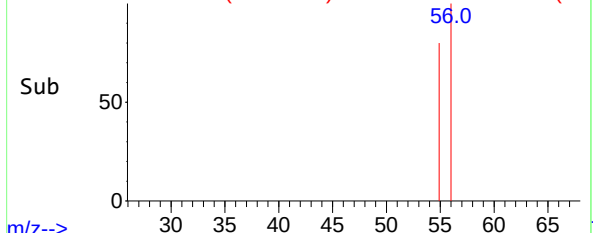
Abundance Scan 188 (2.233 min): VX032402.D\data.ms (-18



m/z--> Scan 188 (2.233 min): VX032685.D\data.ms



m/z--> Abundance Scan 188 (2.233 min): VX032685.D\data.ms (-13



m/z-->

#13

Acrolein

Concen: 0.810 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032685.D

Acq: 09 Nov 2022 17:24

Instrument :

MSVOA_X

ClientSampleId :

AUD-1896-TOTE

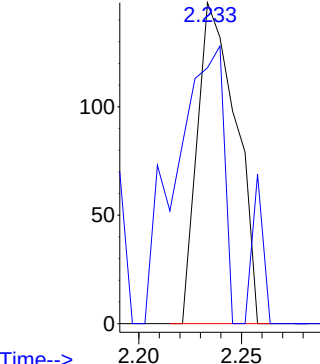
Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

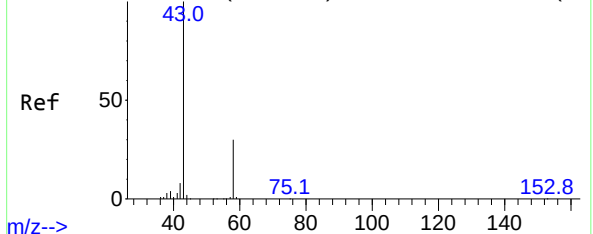
55 106.7 56.9 85.3#

Abundance

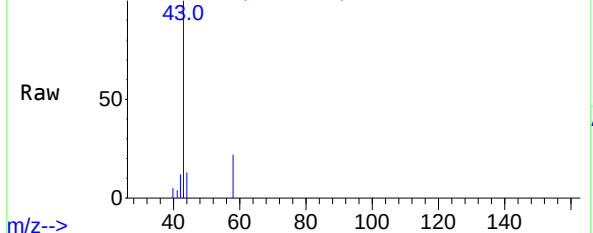


Time-->

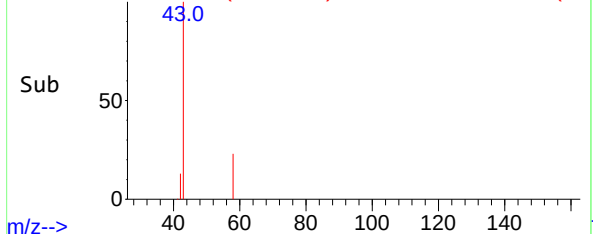
Abundance Scan 212 (2.380 min): VX032402.D\data.ms (-20



m/z--> Scan 212 (2.380 min): VX032685.D\data.ms



m/z--> Abundance Scan 212 (2.380 min): VX032685.D\data.ms (-16



m/z-->

#16

Acetone

Concen: 3.923 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX032685.D

Acq: 09 Nov 2022 17:24

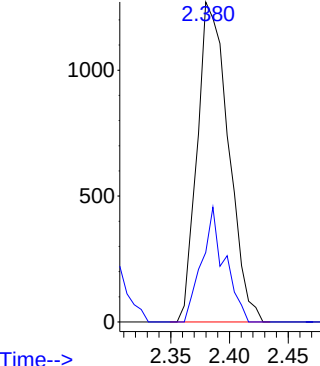
Tgt Ion: 43 Resp: 2351

Ion Ratio Lower Upper

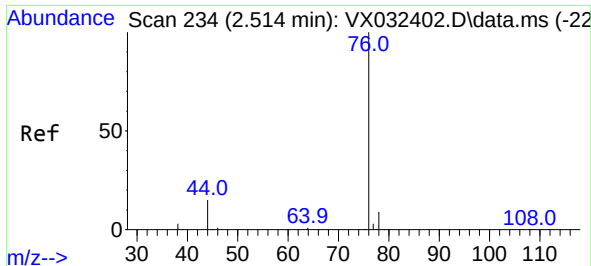
43 100

58 21.7 23.8 35.8#

Abundance



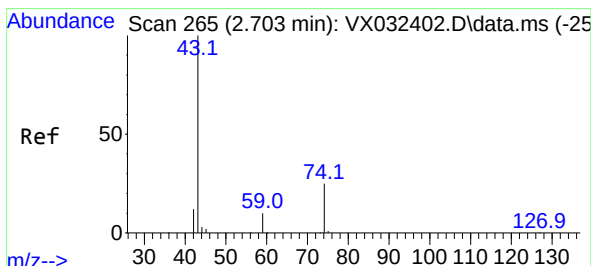
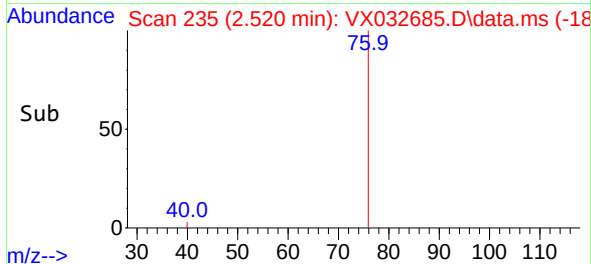
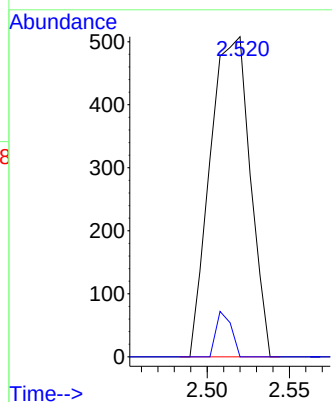
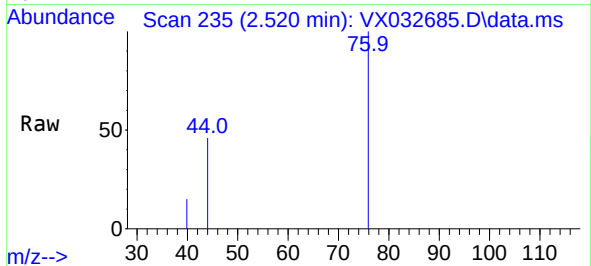
Time-->



#17
Carbon Disulfide
Concen: 0.302 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

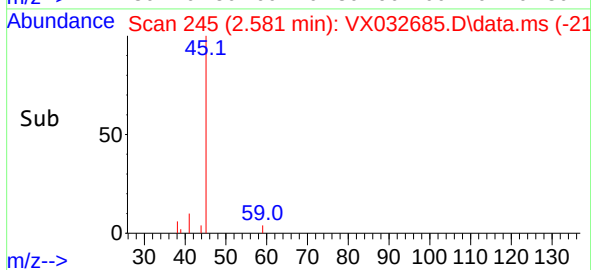
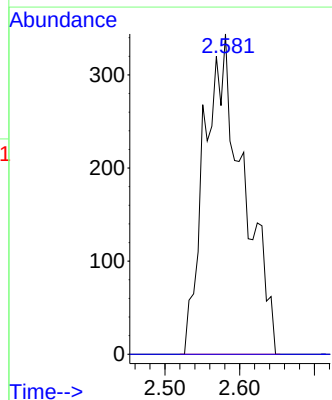
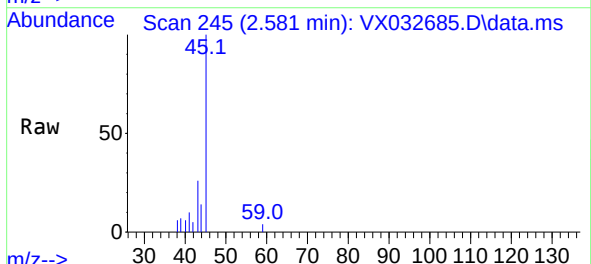
Instrument :
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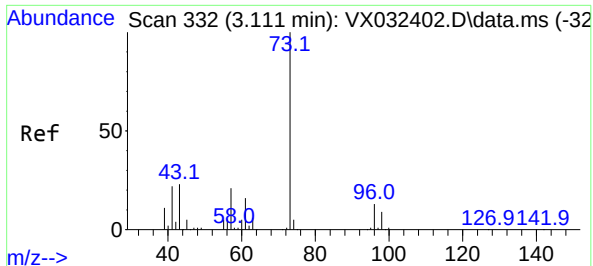
Tgt Ion: 76 Resp: 857
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.640 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.122 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

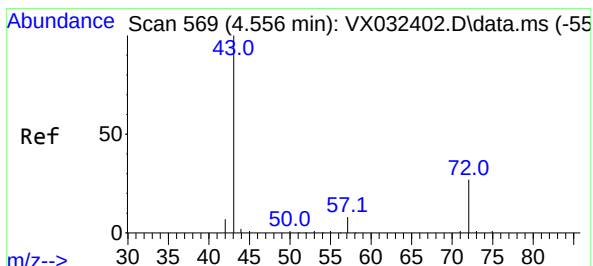
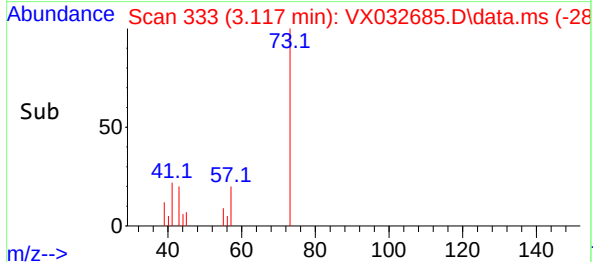
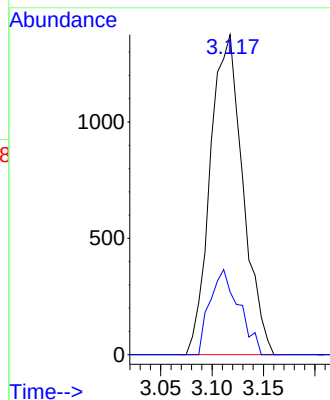
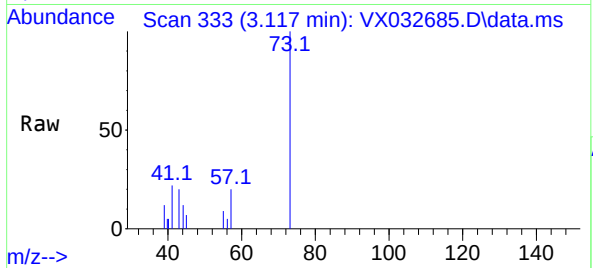




#19
Methyl tert-butyl Ether
Concen: 0.726 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

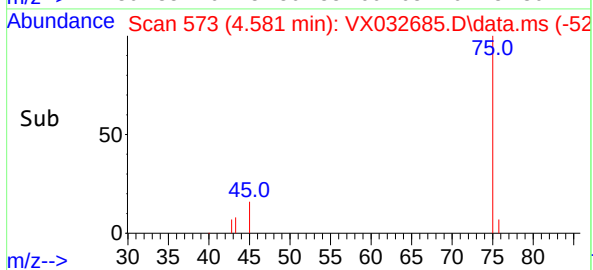
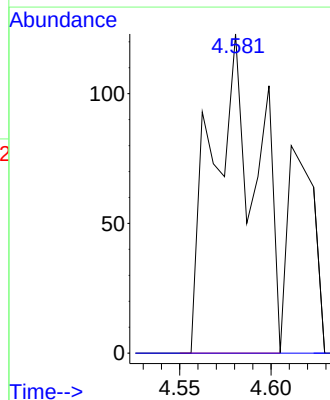
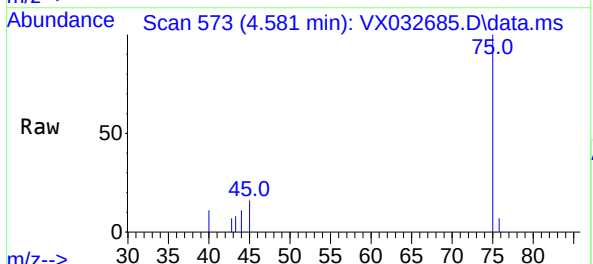
Instrument :
MSVOA_X
ClientSampleId :
AUD-1896-TOTE

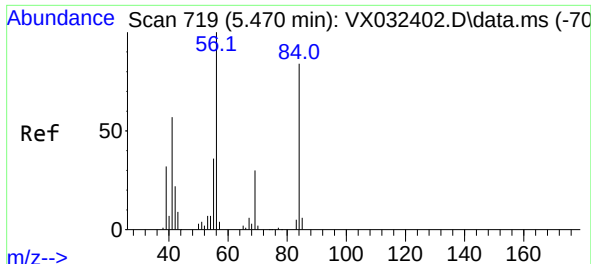
Tgt Ion: 73 Resp: 3038
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



#25
2-Butanone
Concen: 0.227 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

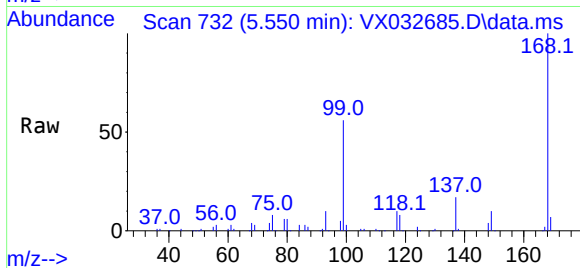
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



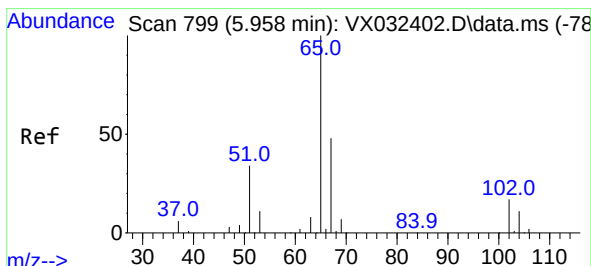
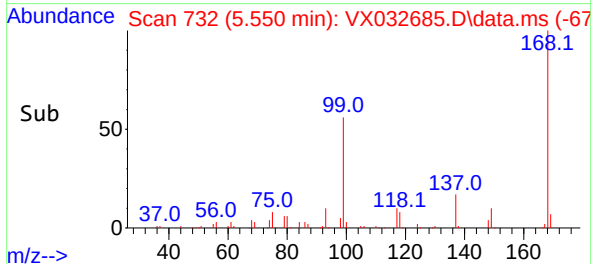
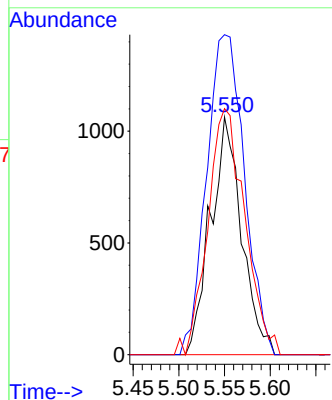


#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Instrument :
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ClientSampleId :
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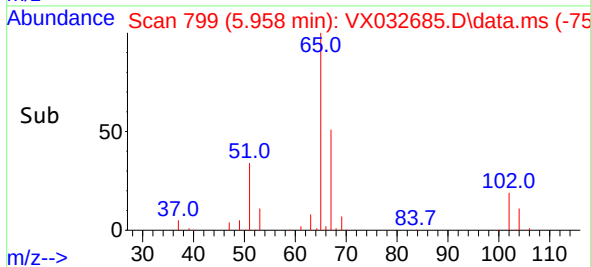
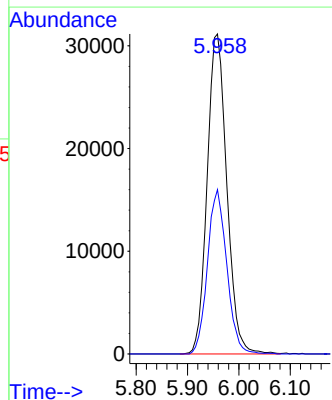
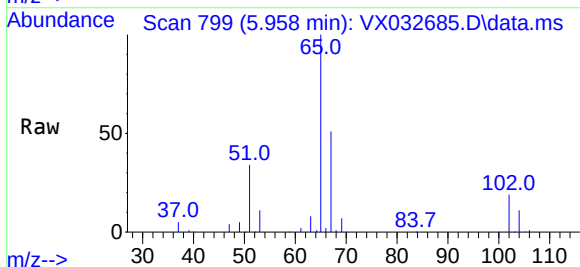


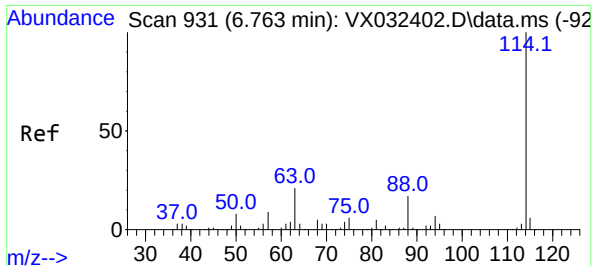
Tgt Ion: 56 Resp: 2517
Ion Ratio Lower Upper
56 100
69 134.7 24.1 36.1#
84 103.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.117 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 65 Resp: 82629
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

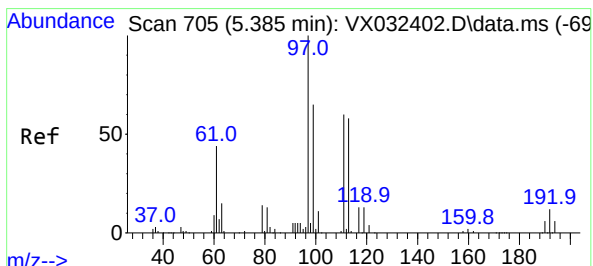
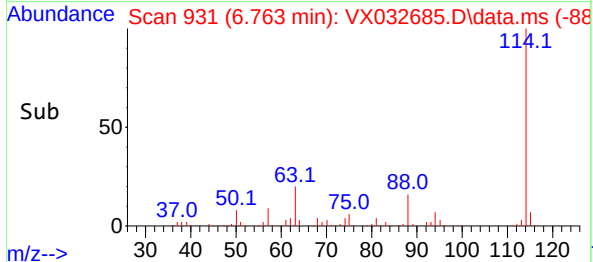
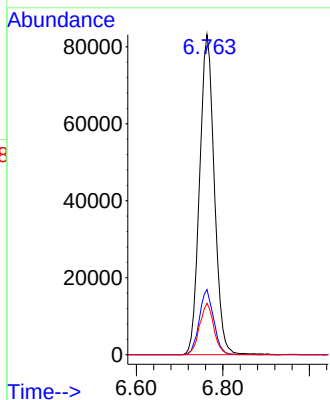
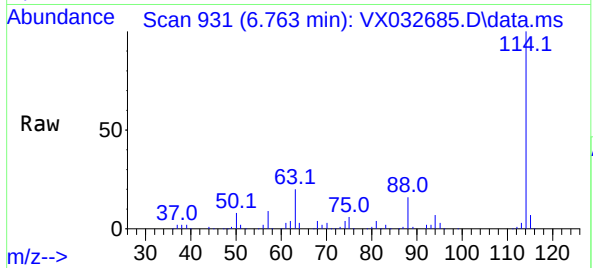




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

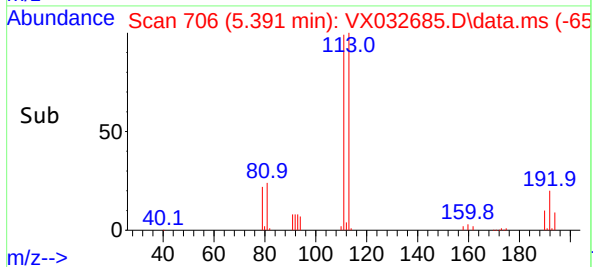
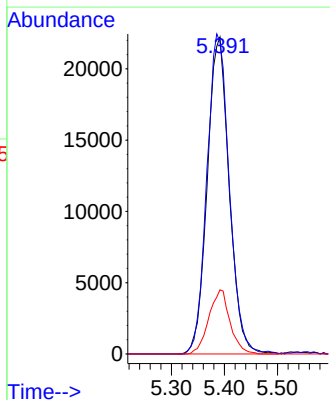
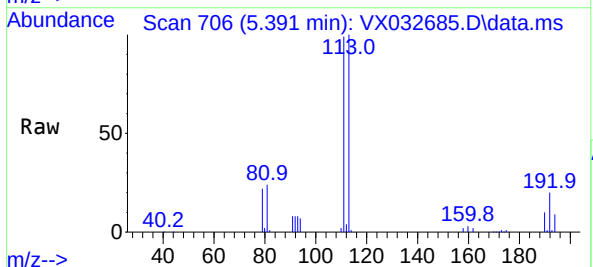
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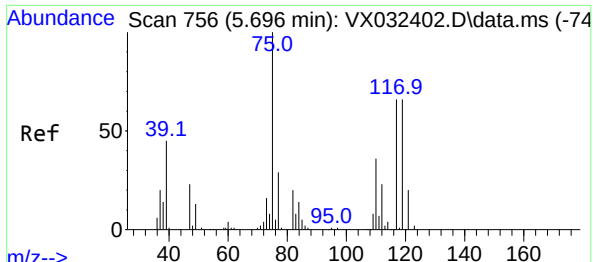
Tgt Ion:114 Resp: 196108
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.737 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion:113 Resp: 63979
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.5 15.4 23.2

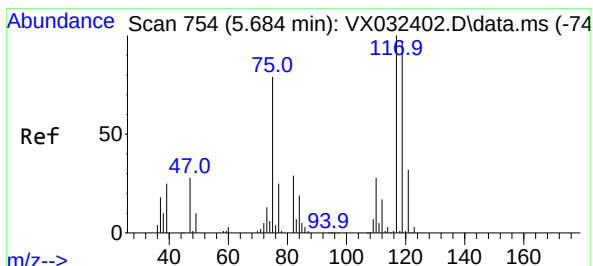
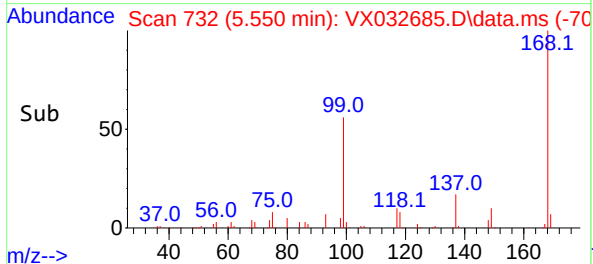
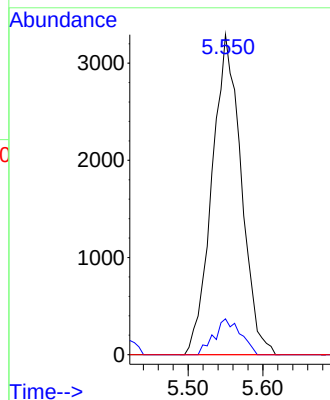
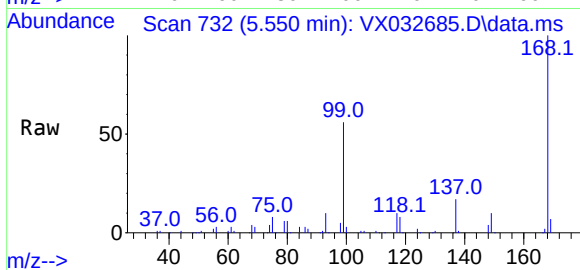




#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

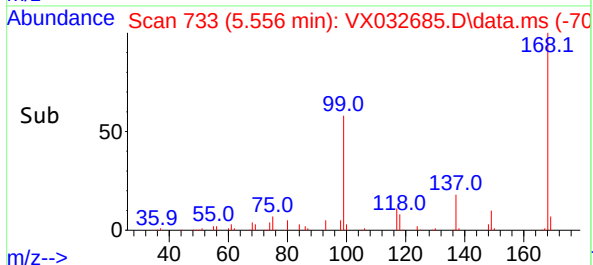
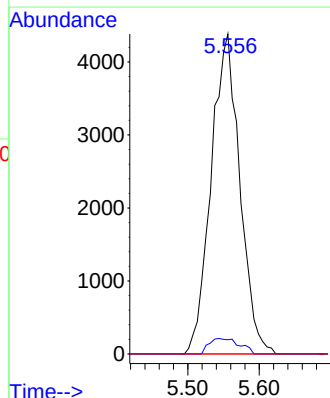
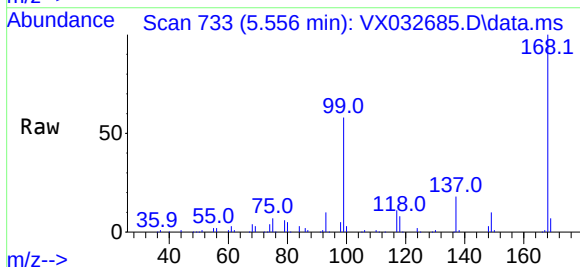
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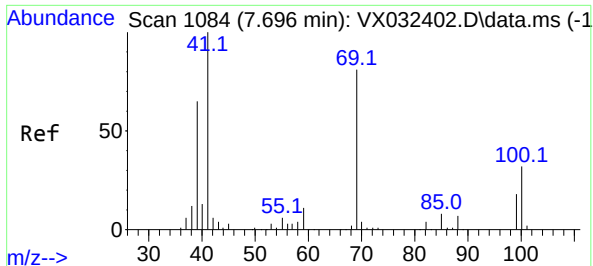
Tgt Ion: 75 Resp: 8932
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 117 Resp: 12216
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#





#48

Methyl methacrylate

Concen: 0.465 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. -0.103 min

Lab File: VX032685.D

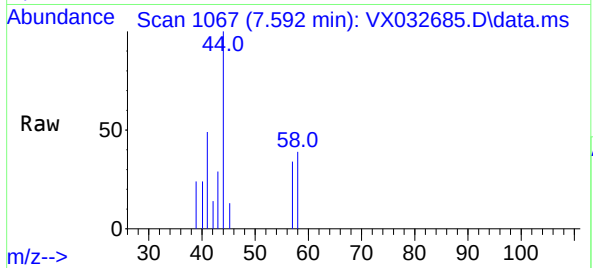
Acq: 09 Nov 2022 17:24

Instrument :

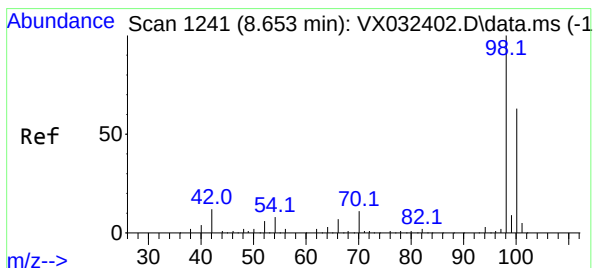
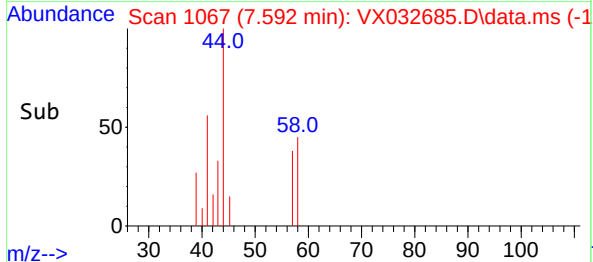
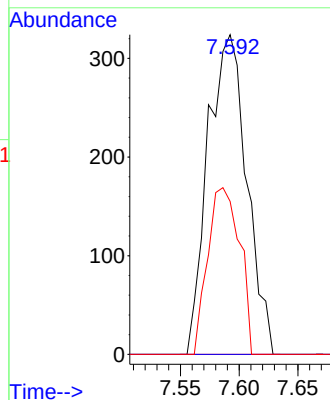
MSVOA_X

ClientSampleId :

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Tgt Ion:	41	Resp:	747
Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.1	97.7#
39	42.7	51.9	77.9#



#50

Toluene-d8

Concen: 49.043 ug/l

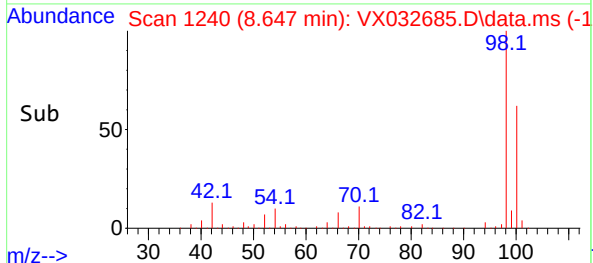
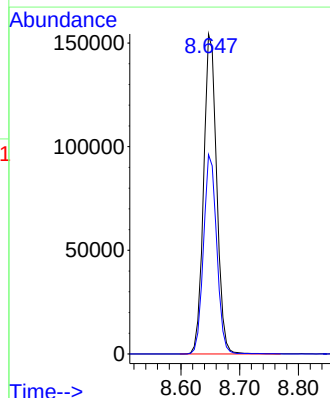
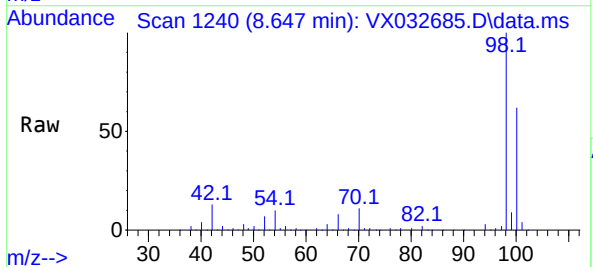
RT: 8.647 min Scan# 1240

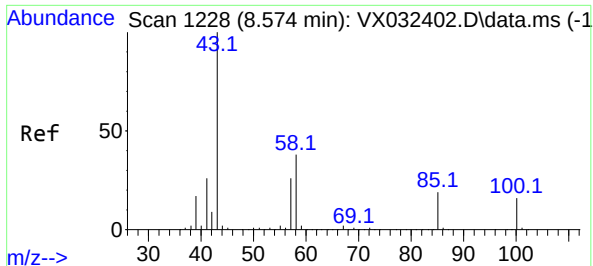
Delta R.T. -0.006 min

Lab File: VX032685.D

Acq: 09 Nov 2022 17:24

Tgt Ion:	98	Resp:	238552
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3

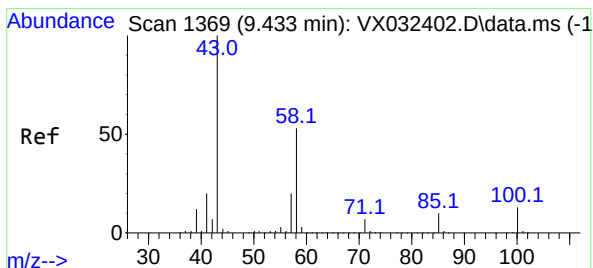
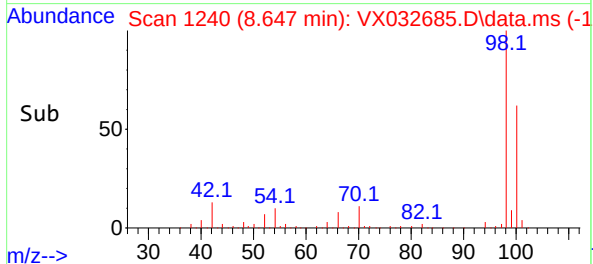
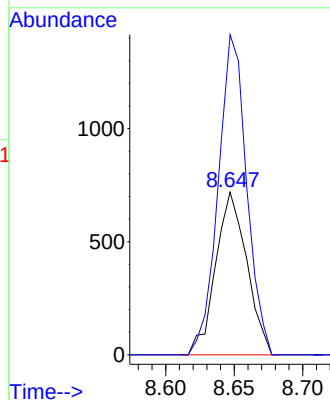
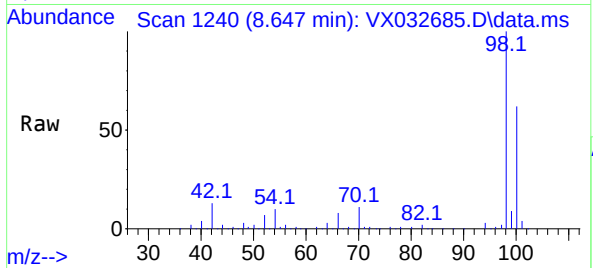




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 1139
Delta R.T. 0.073 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

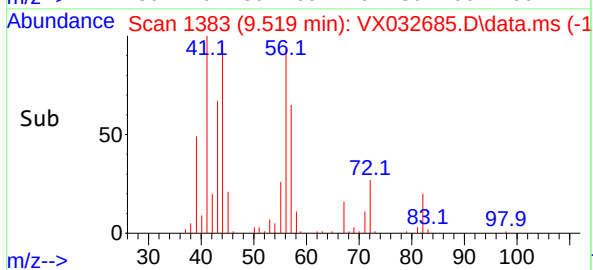
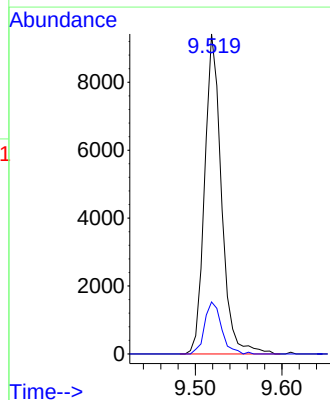
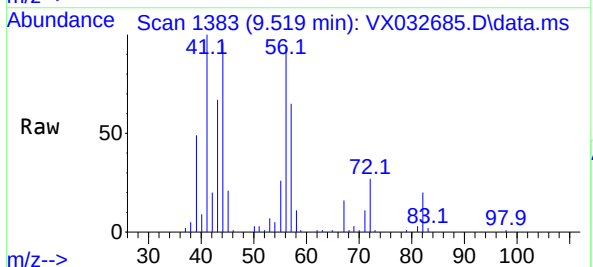
Instrument :
MSVOA_X
ClientSampleId :
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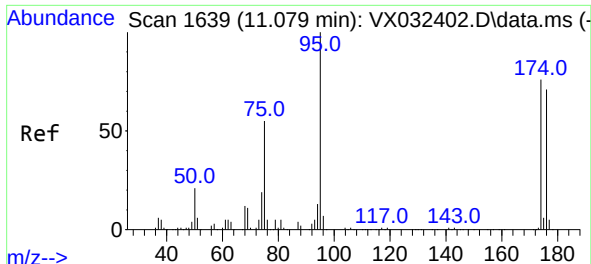
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 179.7 30.9 46.3#



#59
2-Hexanone
Concen: 8.737 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 43 Resp: 12713
Ion Ratio Lower Upper
43 100
58 16.3 26.5 79.5#

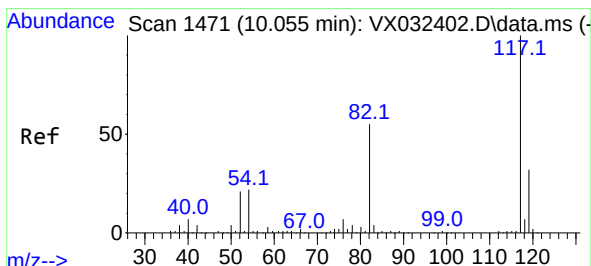
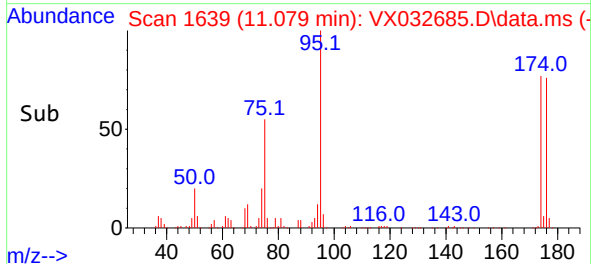
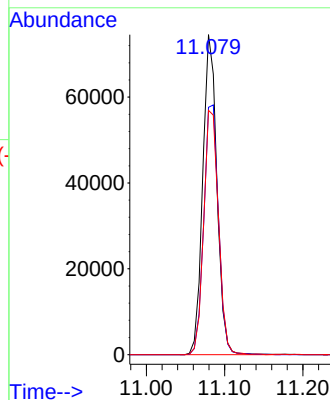
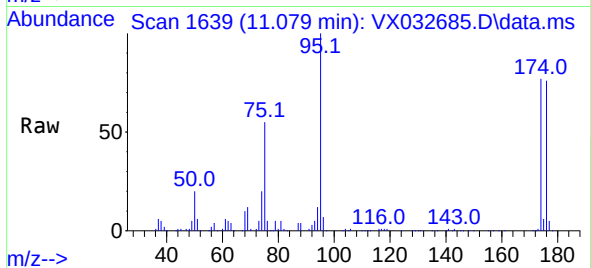




#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

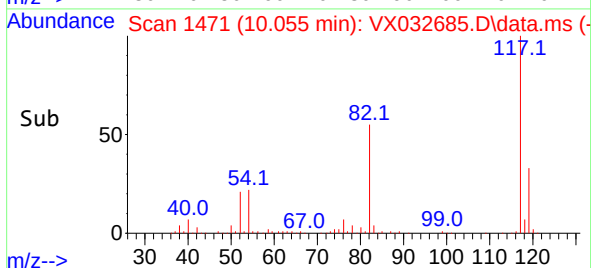
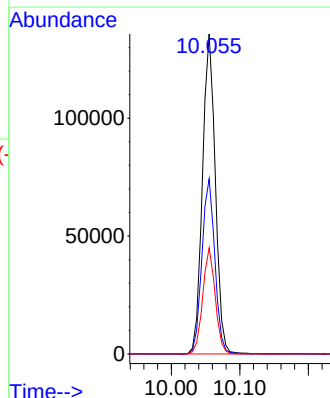
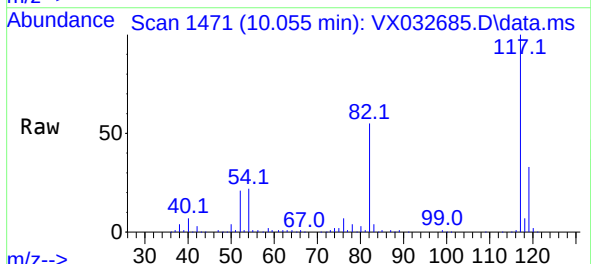
Instrument :
MSVOA_X
ClientSampleId :
AUD-1896-TOTE

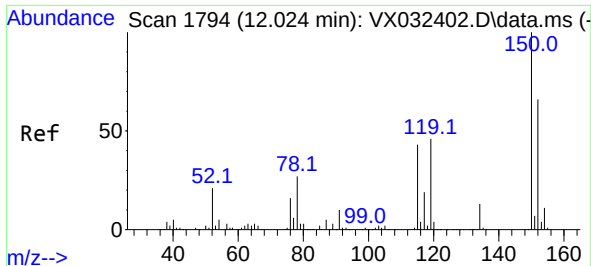
Tgt Ion: 95 Resp: 93563
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 117 Resp: 177731
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 33.1 25.7 38.5

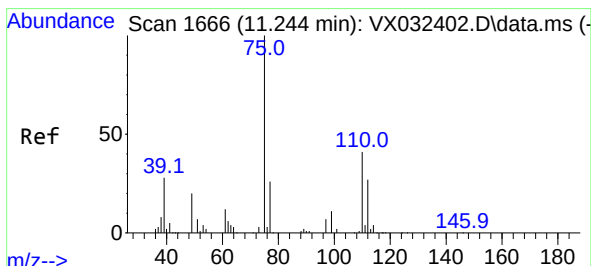
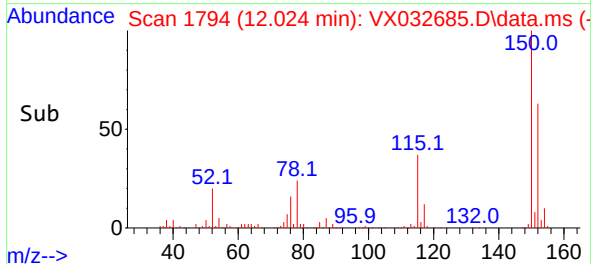
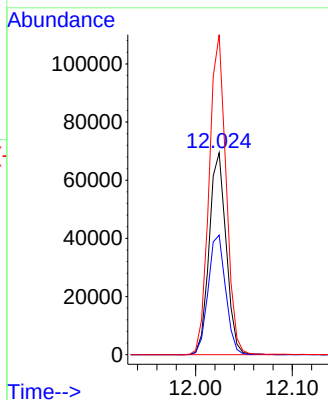
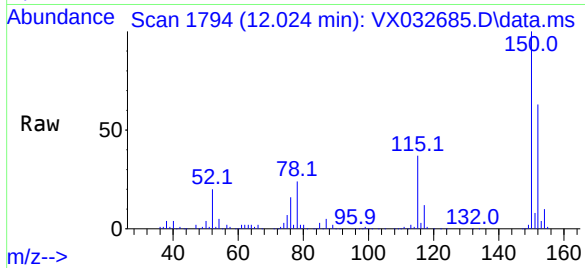




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

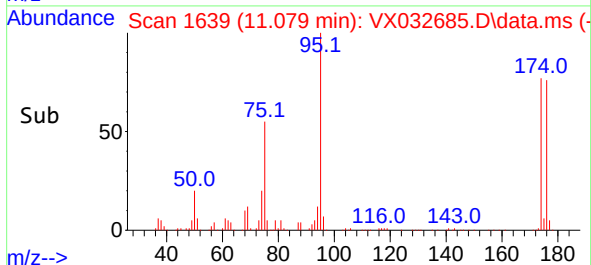
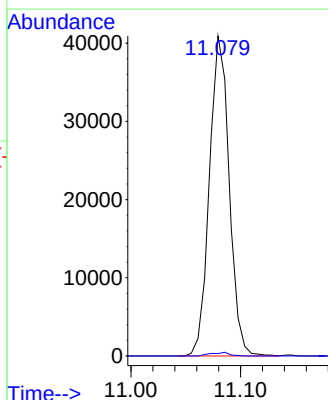
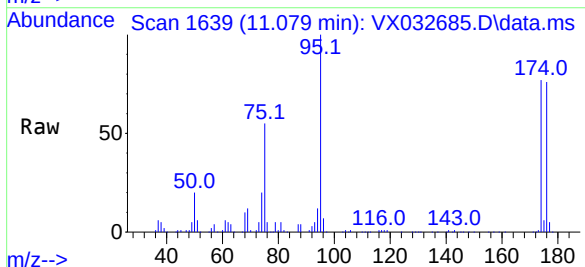
Instrument :
MSVOA_X
ClientSampleId :
AUD-1896-TOTE

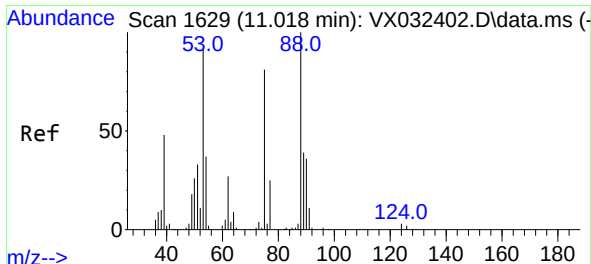
Tgt Ion:152 Resp: 84791
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion: 75 Resp: 51321
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

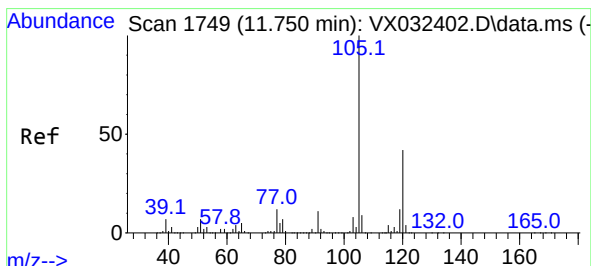
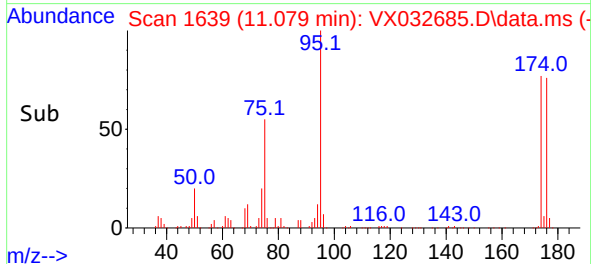
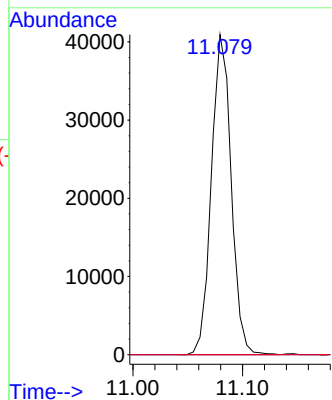
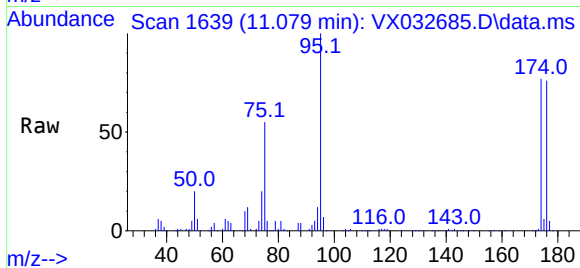




#81
trans-1,4-Dichloro-2-butene
Concen: 86.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

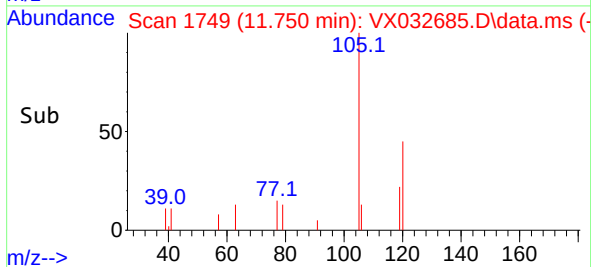
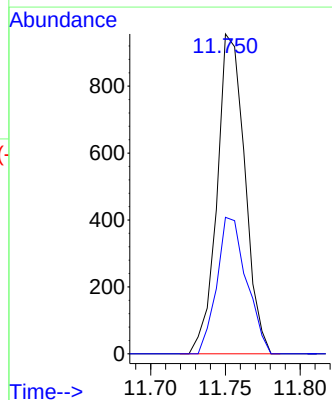
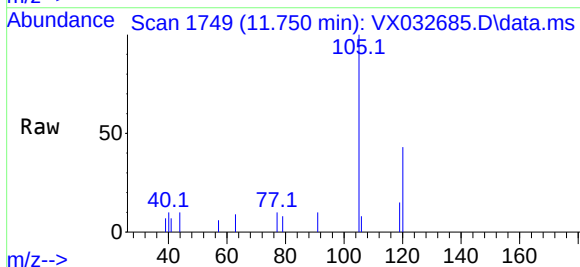
Instrument :
MSVOA_X
ClientSampleId :
AUD-1896-TOTE

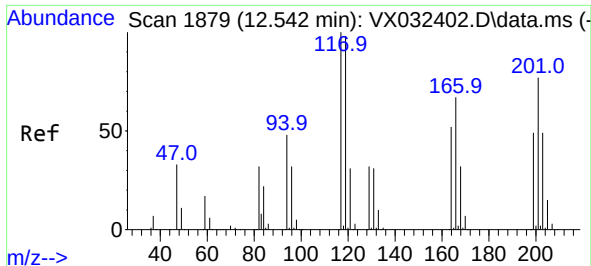
Tgt Ion: 75 Resp: 51321
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.216 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Tgt Ion:105 Resp: 1236
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5





#90
Hexachloroethane
Concen: 0.203 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX032685.D
Acq: 09 Nov 2022 17:24

Instrument :
MSVOA_X
ClientSampleId :
AUD-1896-TOTE

Tgt Ion:117 Resp: 194
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

