

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032684.D
 Acq On : 09 Nov 2022 17:01
 Operator : JC/MD
 Sample : N5512-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1911-TOTE

Quant Time: Nov 10 03:05:52 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)

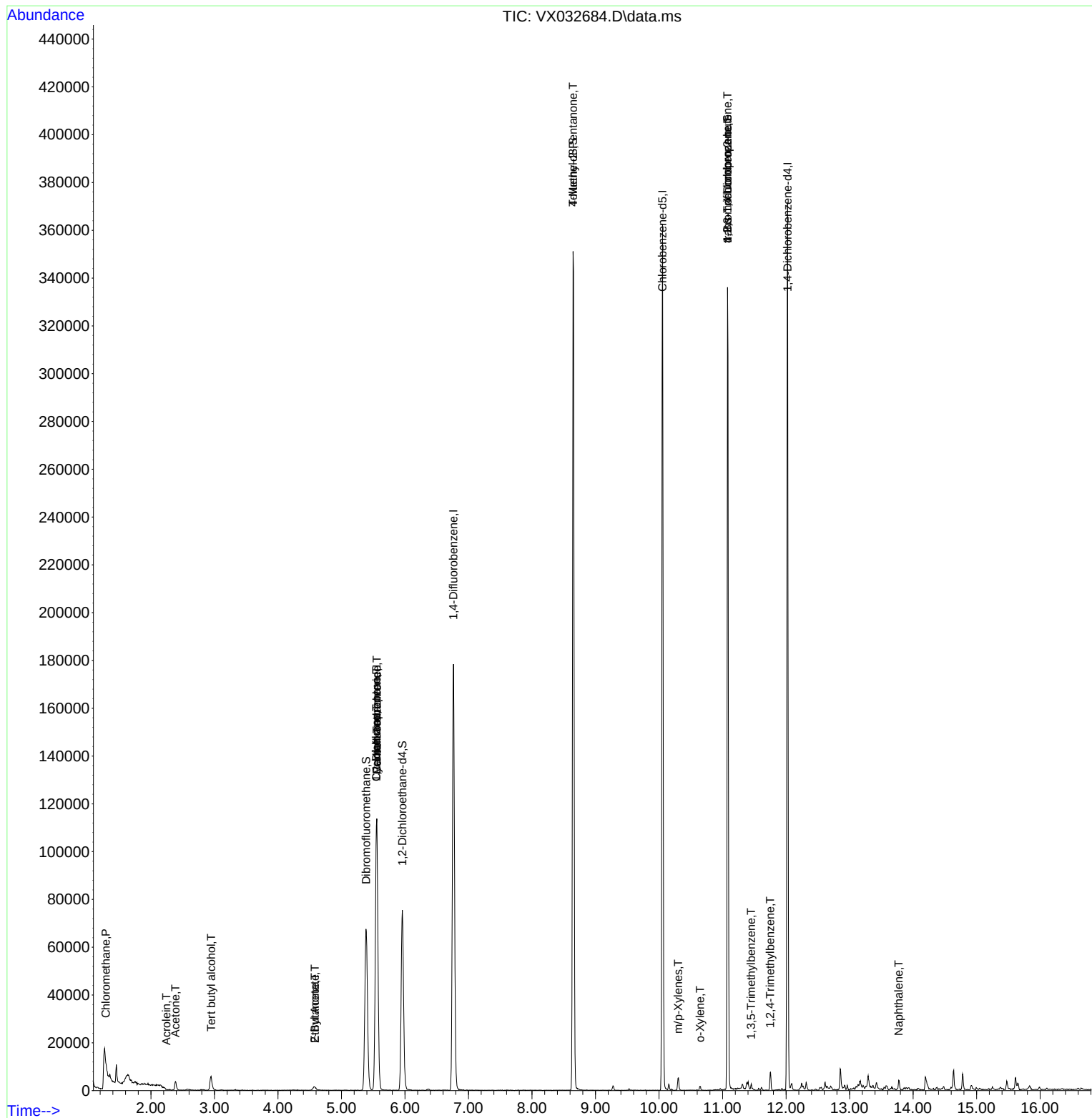
Internal Standards						
1) Pentafluorobenzene	5.556	168	106958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76229	51.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.580%
35) Dibromofluoromethane	5.385	113	59177	46.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	8.647	98	213474	48.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	83485	48.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	771	0.739	ug/l #	43
11) Tert butyl alcohol	2.947	59	4288	19.824	ug/l #	72
13) Acrolein	2.239	56	121	0.560	ug/l	97
16) Acetone	2.386	43	4467	8.270	ug/l	95
25) 2-Butanone	4.580	43	505	0.603	ug/l #	47
31) Cyclohexane	5.550	56	2510	1.393	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	8579	4.843	ug/l #	50
37) Ethyl Acetate	4.580	43	505	0.274	ug/l #	67
38) Carbon Tetrachloride	5.556	117	11199	5.700	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1036	0.581	ug/l #	1
68) m/p-Xylenes	10.299	106	1290	0.537	ug/l	94
69) o-Xylene	10.646	106	531	0.227	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	45846	27.986	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	1111	0.223	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	45846	89.053	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	3514	0.708	ug/l	100
95) Naphthalene	13.774	128	3384	0.585	ug/l	95

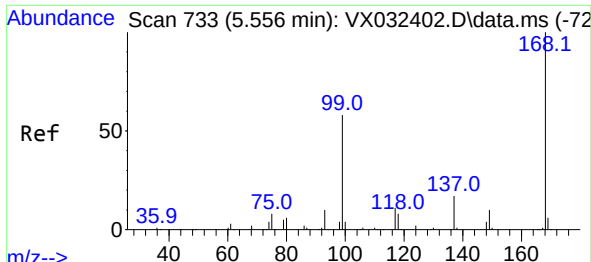
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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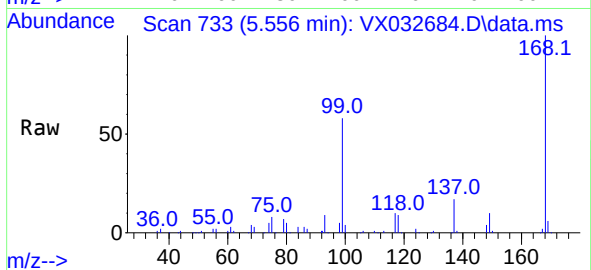
Quant Time: Nov 10 03:05:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



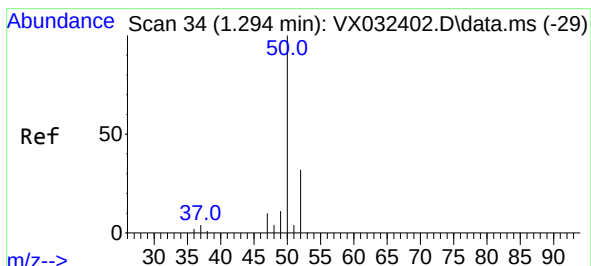
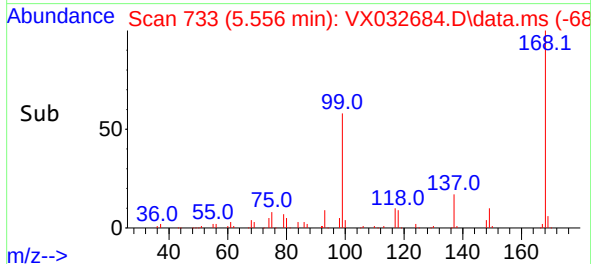
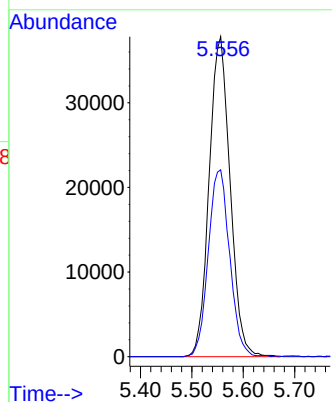


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

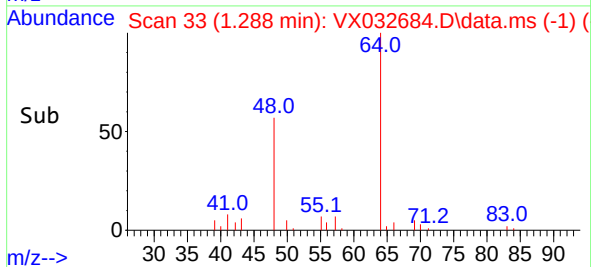
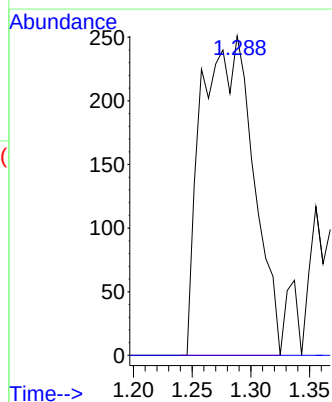
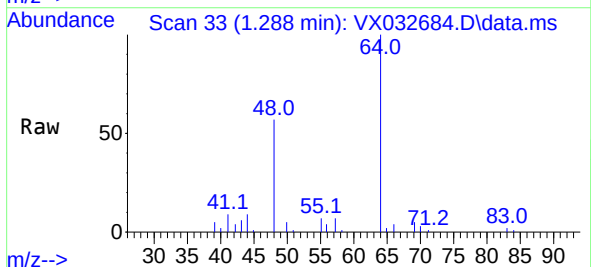


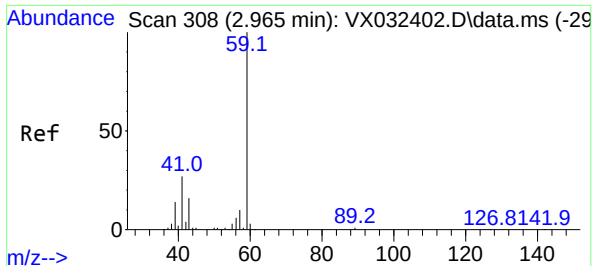
Tgt Ion:168 Resp: 106958
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#3
Chloromethane
Concen: 0.739 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion: 50 Resp: 771
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 19.824 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032684.D

Acq: 09 Nov 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

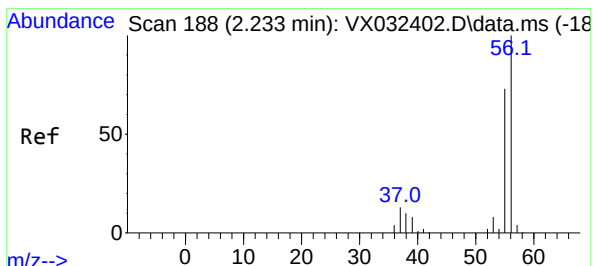
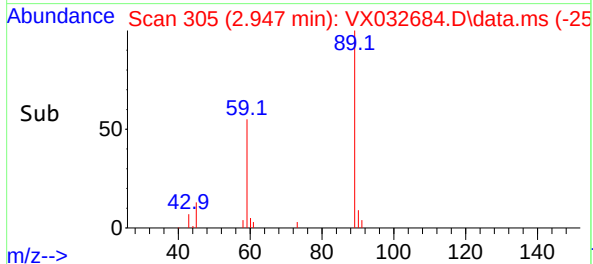
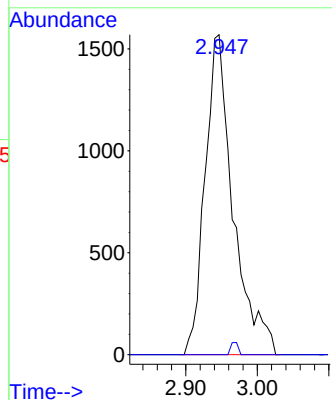
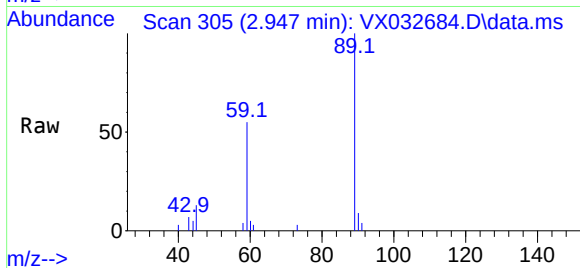
AUD-1911-TOTE

Tgt Ion: 59 Resp: 4288

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.560 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX032684.D

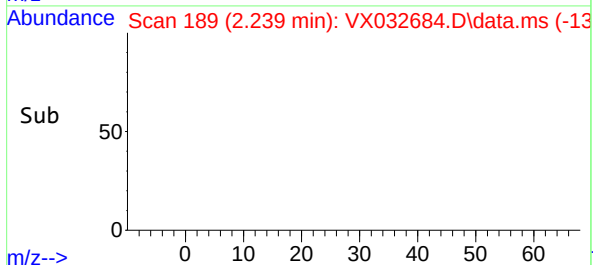
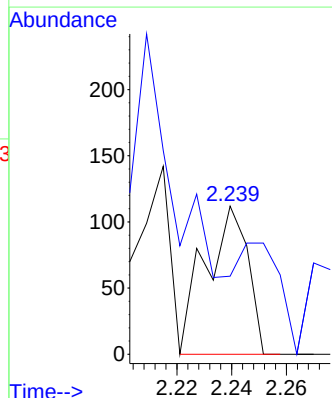
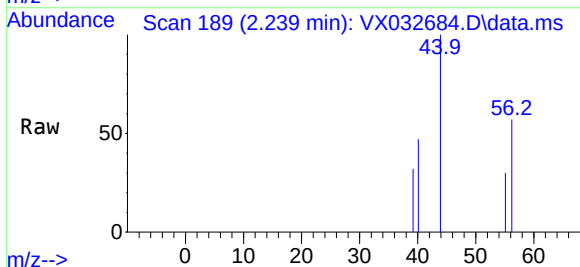
Acq: 09 Nov 2022 17:01

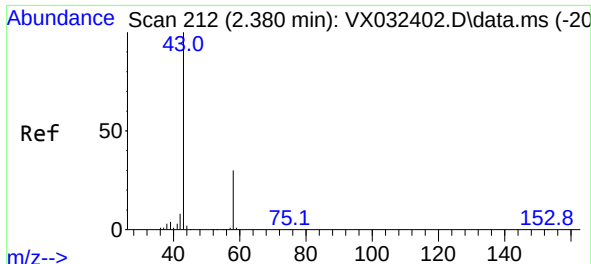
Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3

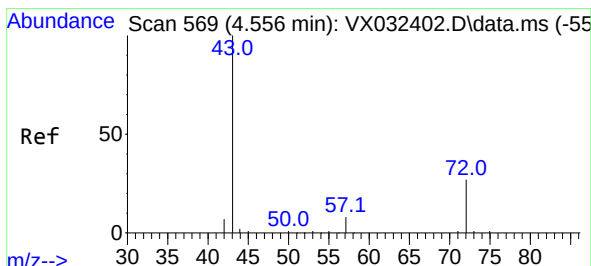
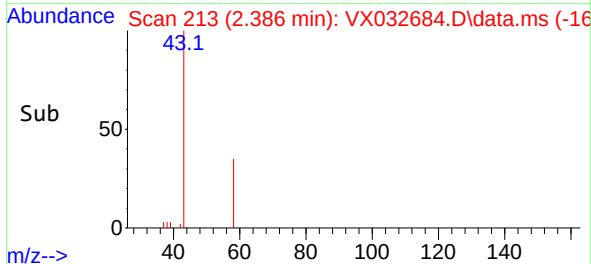
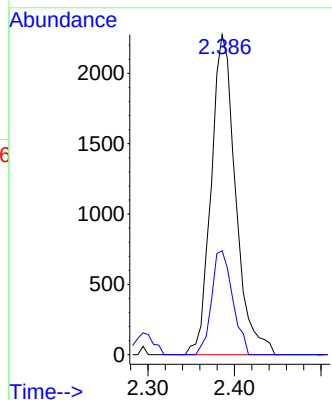
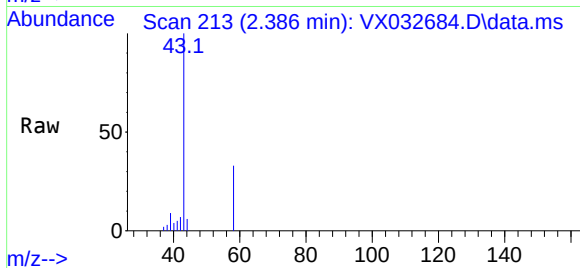




#16
Acetone
Concen: 8.270 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

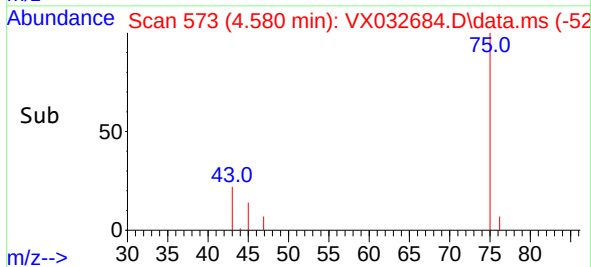
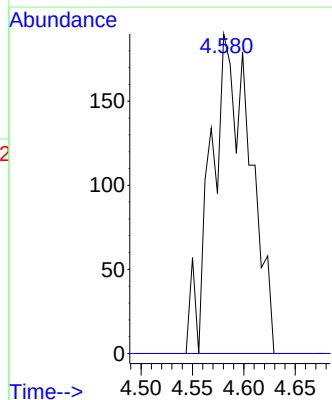
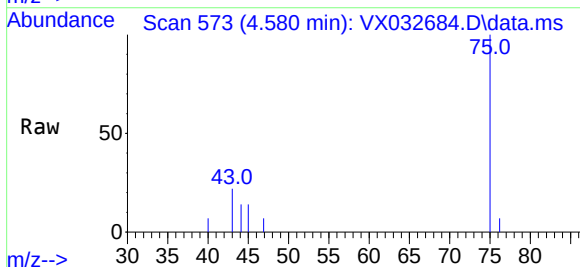
Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

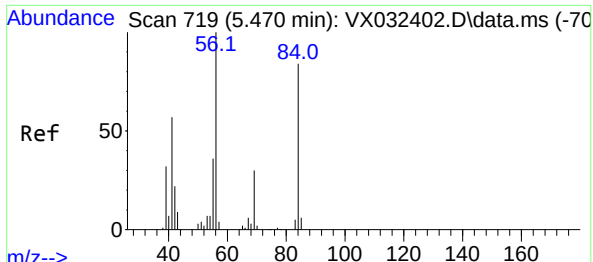
Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.8



#25
2-Butanone
Concen: 0.603 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

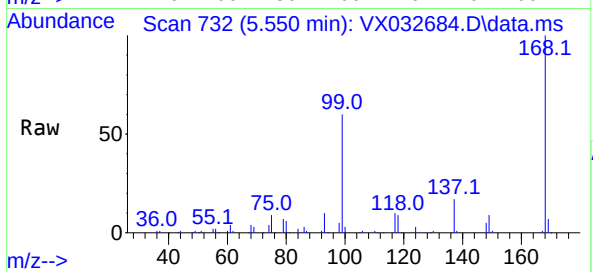
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



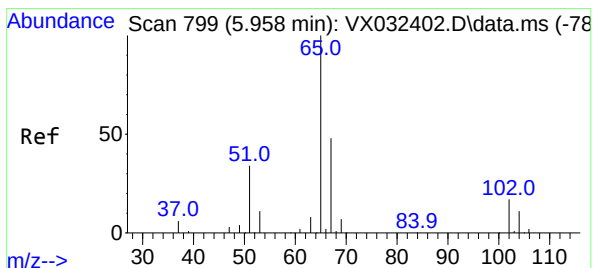
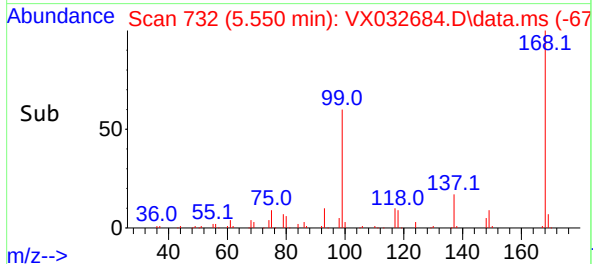
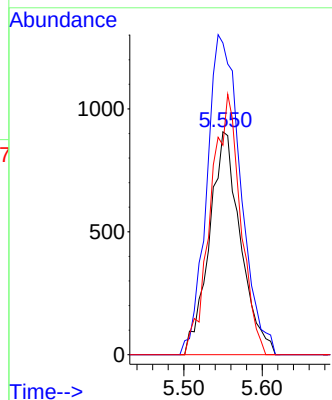


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

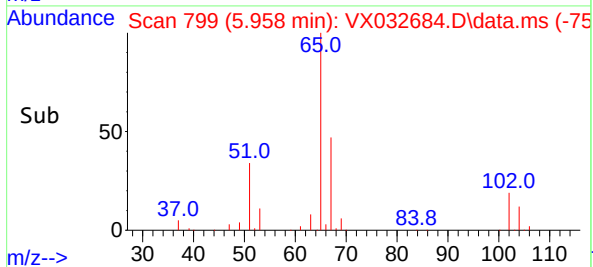
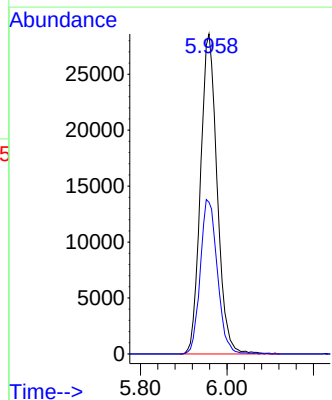
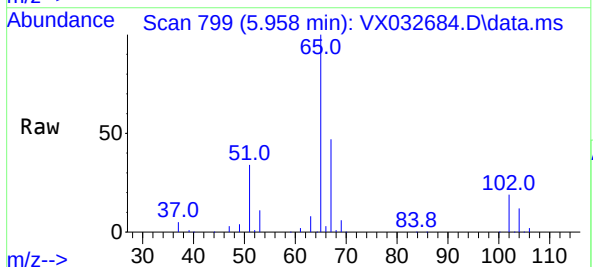


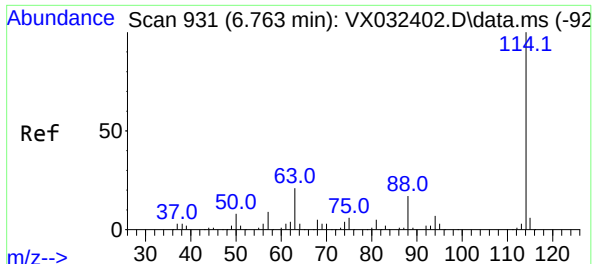
Tgt Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 139.8 24.1 36.1#
84 93.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.293 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion: 65 Resp: 76229
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

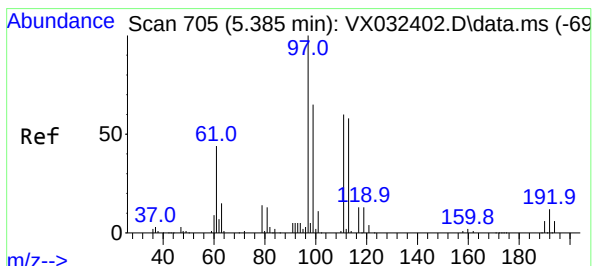
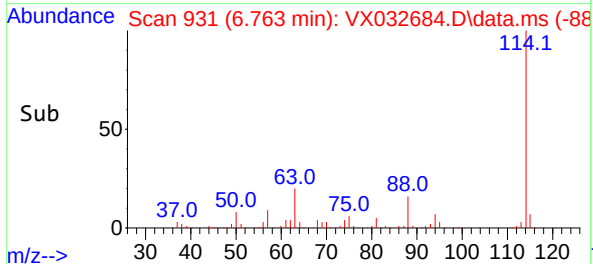
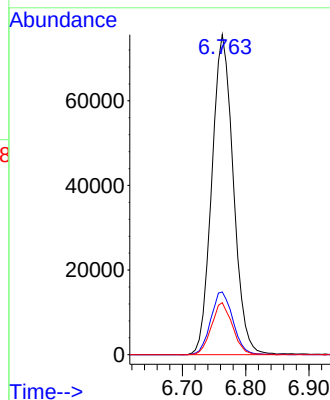
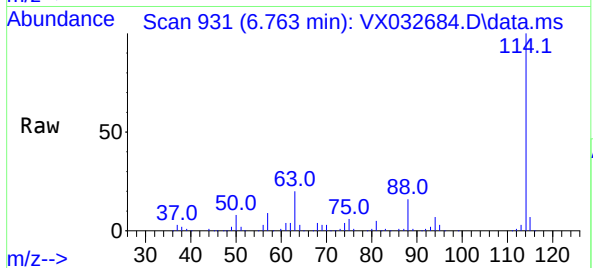




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

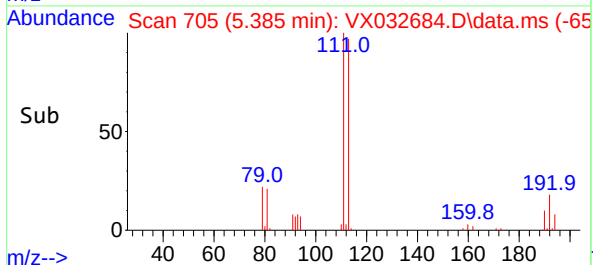
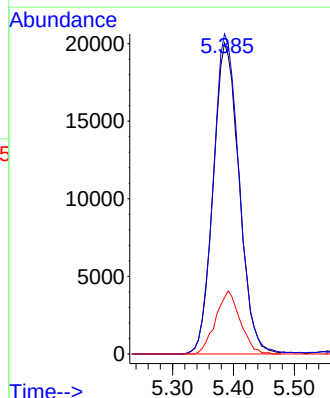
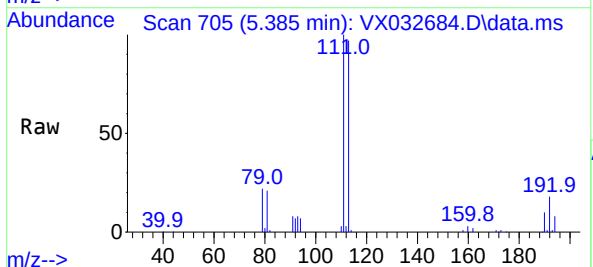
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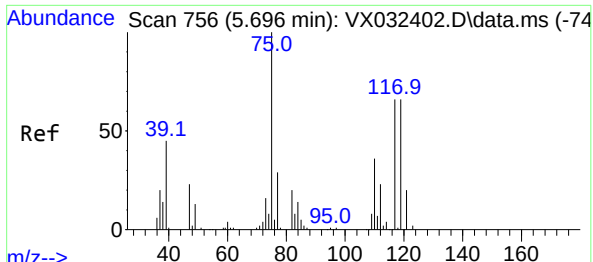
Tgt Ion:114 Resp: 178332
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion:113 Resp: 59177
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.2 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032684.D

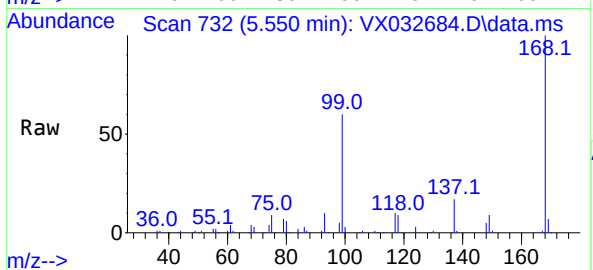
Acq: 09 Nov 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

AUD-1911-TOTE



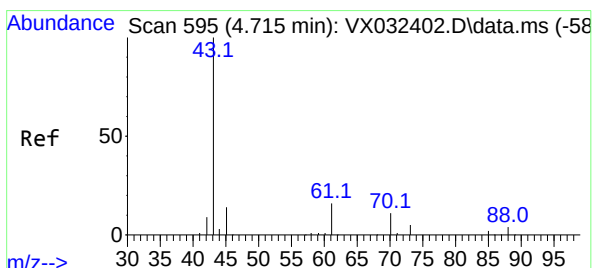
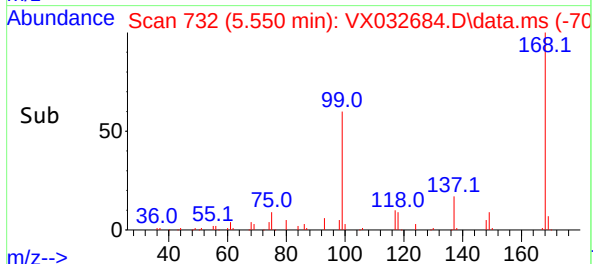
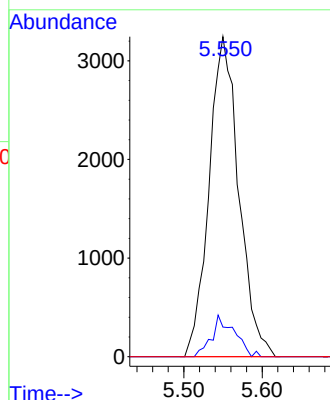
Tgt Ion: 75 Resp: 8579

Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 0.274 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.134 min

Lab File: VX032684.D

Acq: 09 Nov 2022 17:01

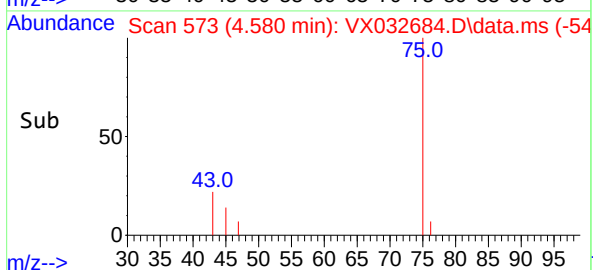
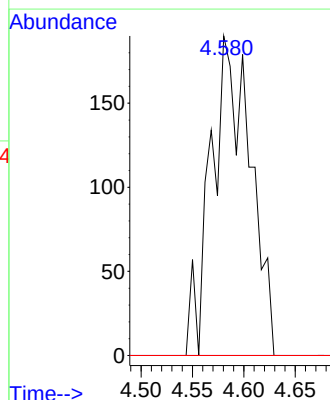
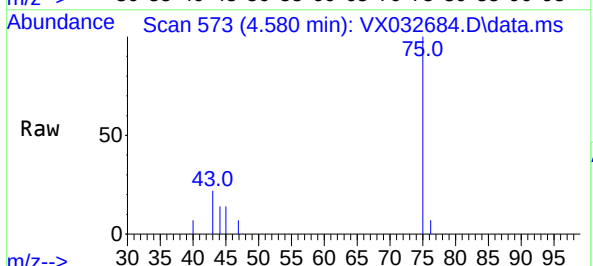
Tgt Ion: 43 Resp: 505

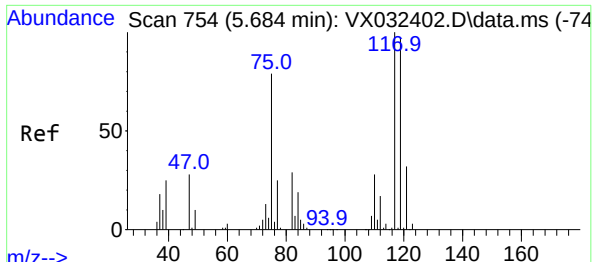
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

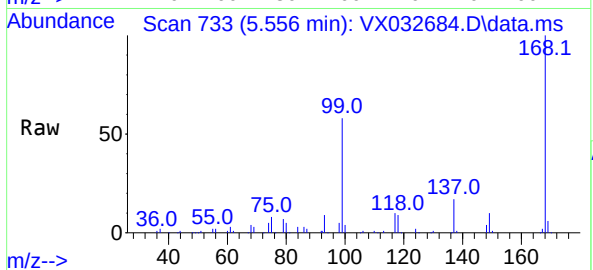
70 0.0 9.1 13.7#



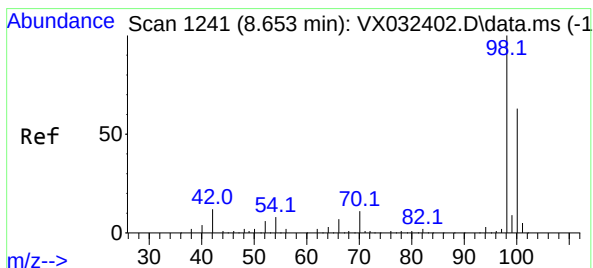
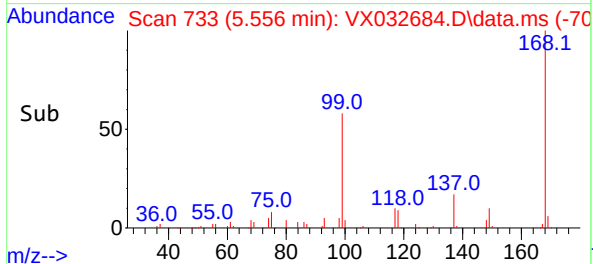
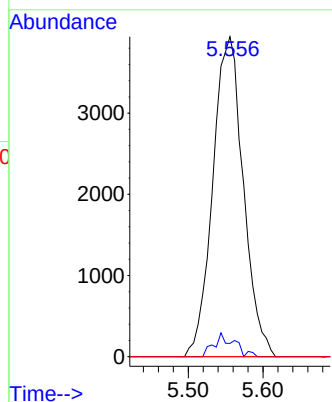


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

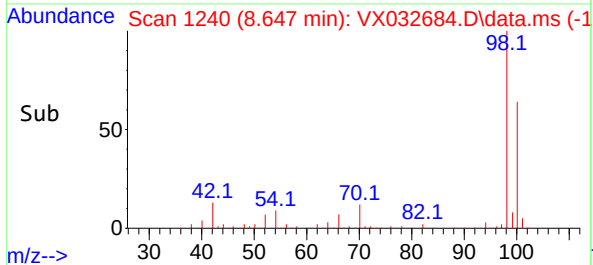
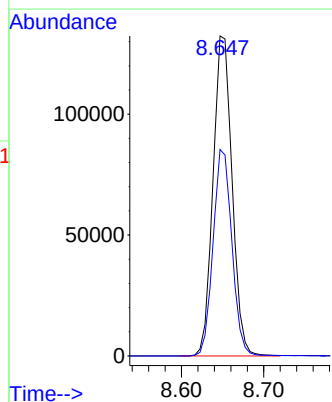
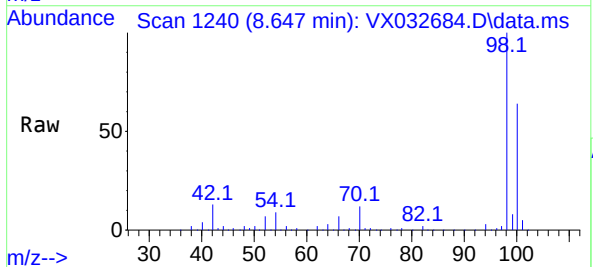


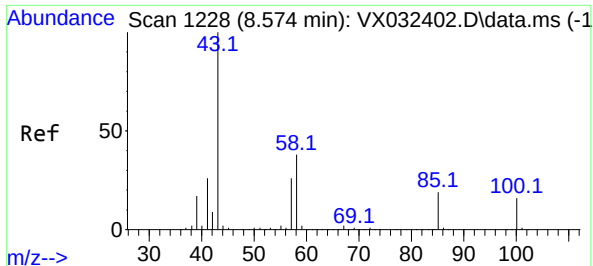
Tgt Ion:117 Resp: 11199
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion: 98 Resp: 213474
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX032684.D

Acq: 09 Nov 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

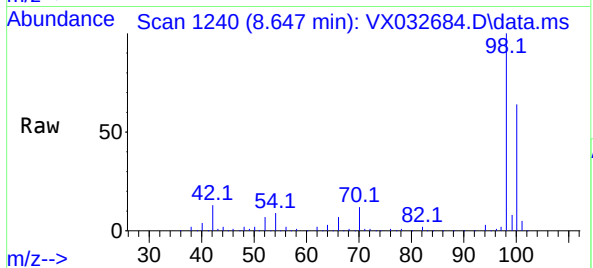
AUD-1911-TOTE

Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

58 163.0 30.9 46.3#



Abundance

1000

8.647

800

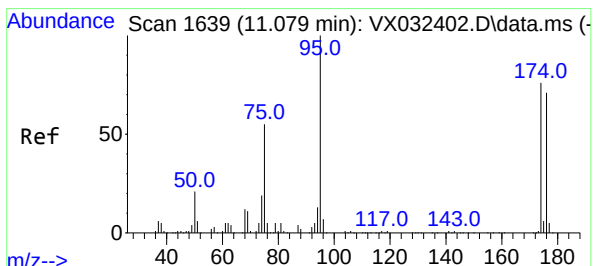
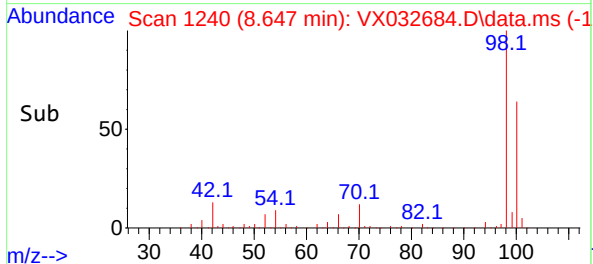
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.318 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032684.D

Acq: 09 Nov 2022 17:01

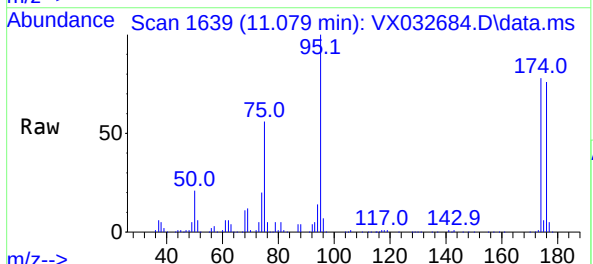
Tgt Ion: 95 Resp: 83485

Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

176 79.4 0.0 154.4



Abundance

60000

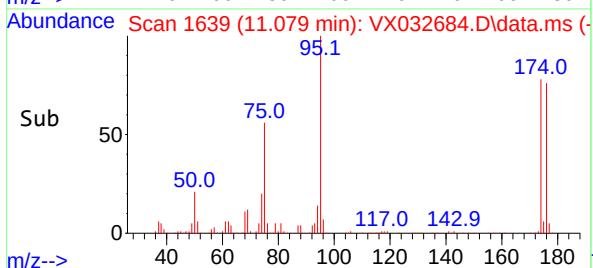
11.079

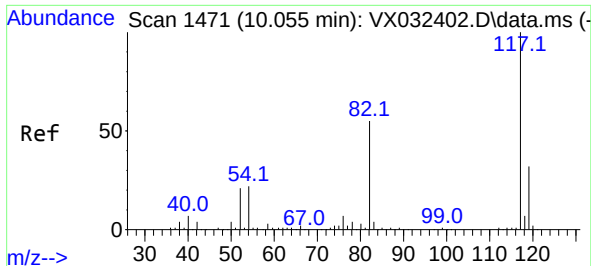
40000

20000

0

Time-->

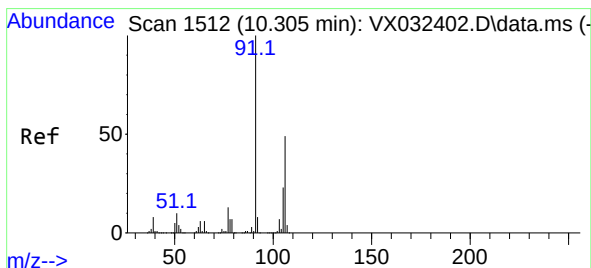
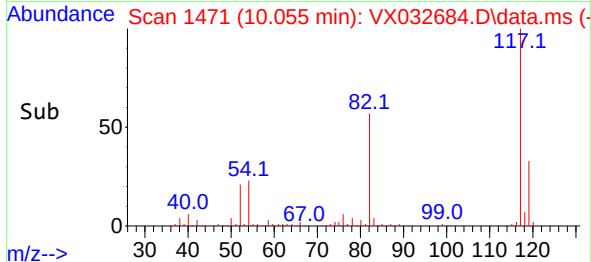
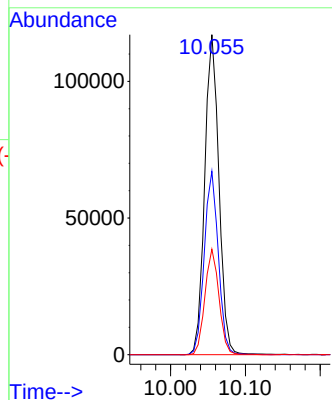
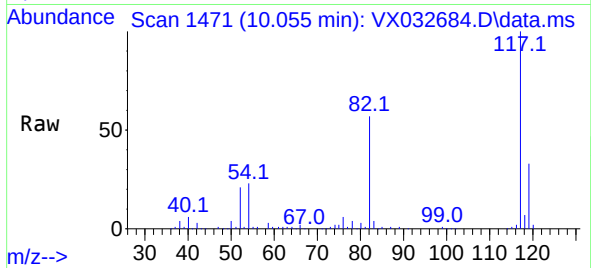




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

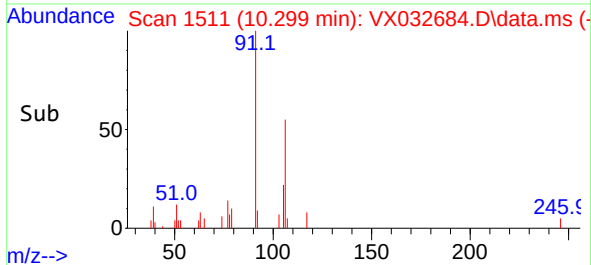
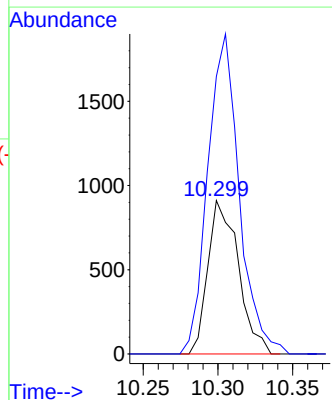
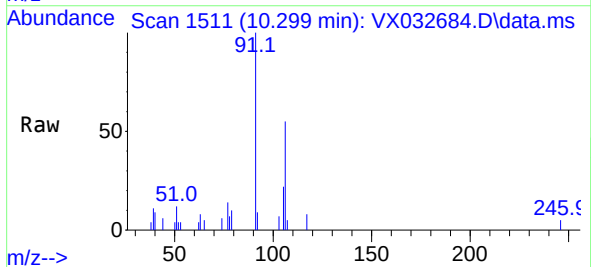
Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

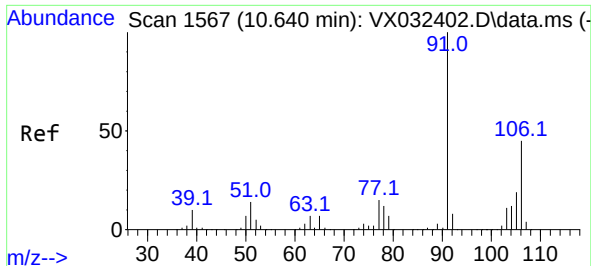
Tgt Ion:117 Resp: 154553
Ion Ratio Lower Upper
117 100
82 57.3 44.3 66.5
119 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 0.537 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion:106 Resp: 1290
Ion Ratio Lower Upper
106 100
91 215.6 164.5 246.7

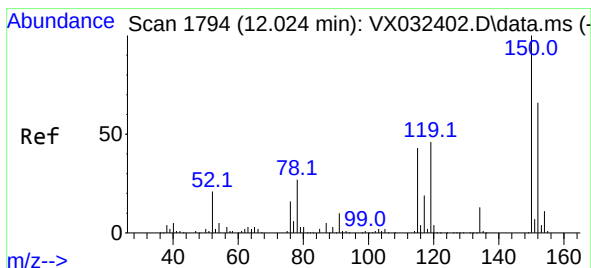
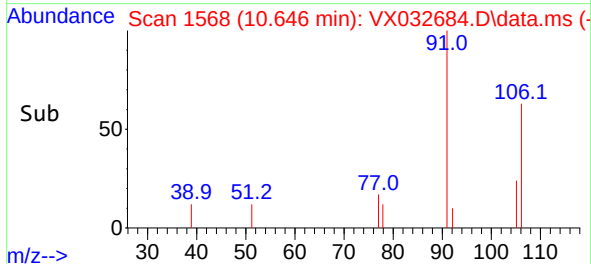
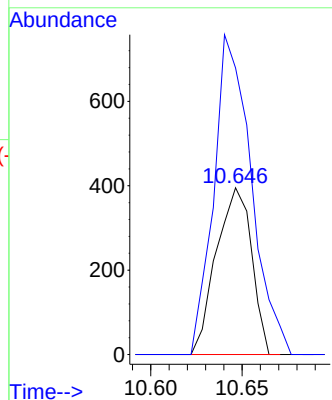
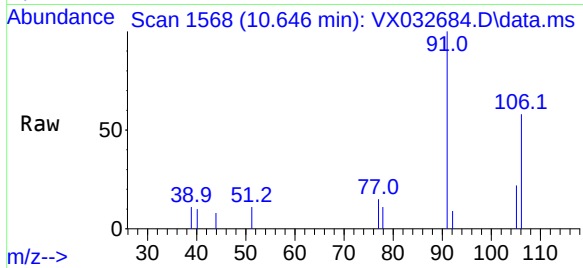




#69
o-Xylene
Concen: 0.227 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

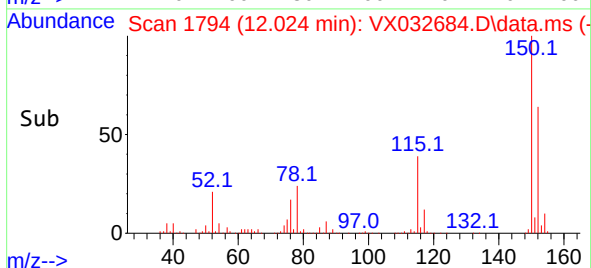
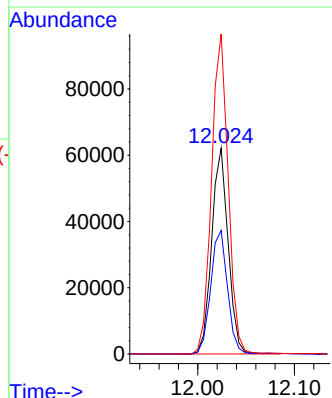
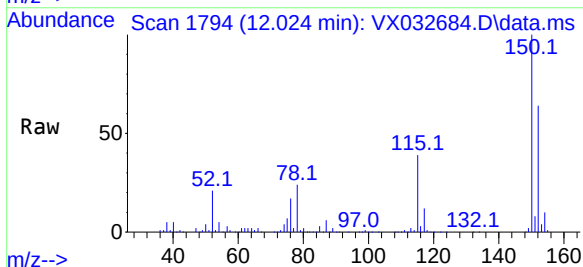
Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

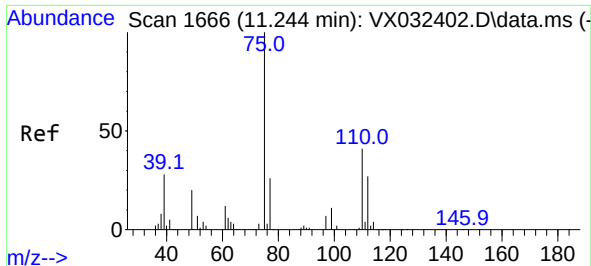
Tgt Ion:106 Resp: 531
Ion Ratio Lower Upper
106 100
91 203.0 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion:152 Resp: 73633
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 157.3 0.0 351.8

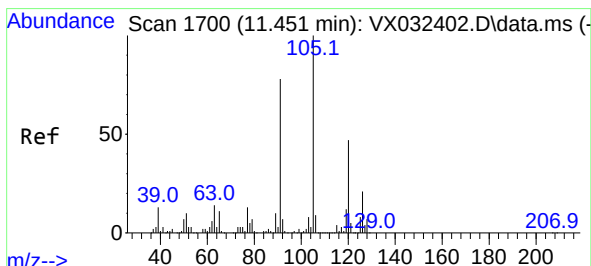
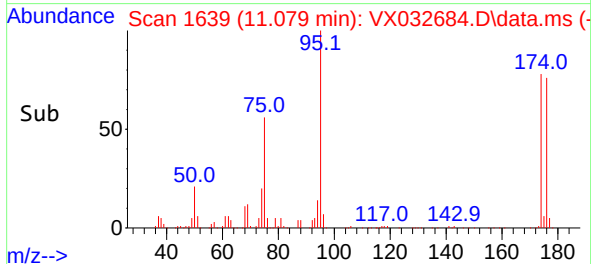
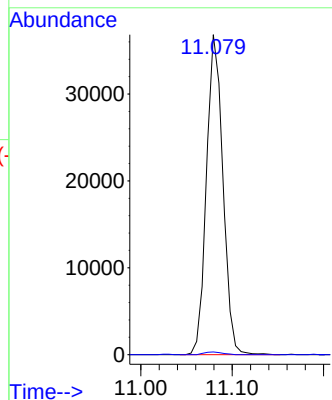
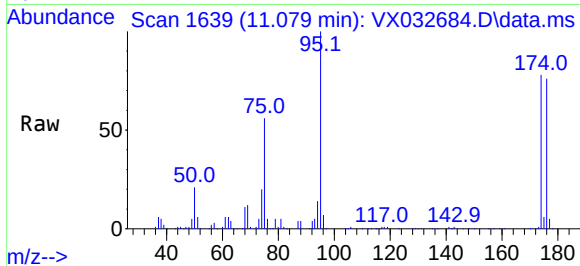




#76
1,2,3-Trichloropropane
Concen: 27.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

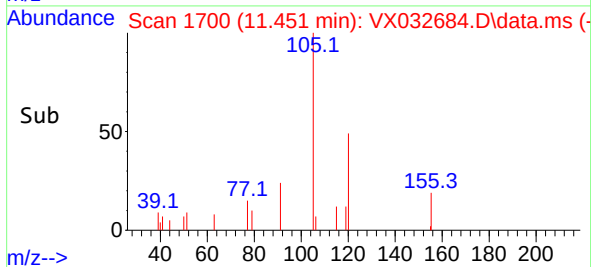
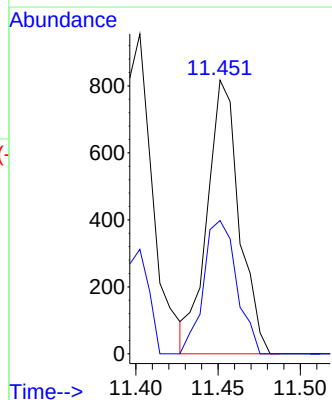
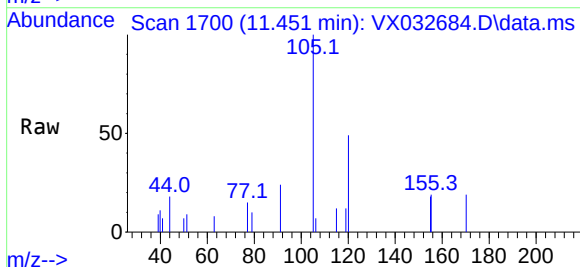
Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

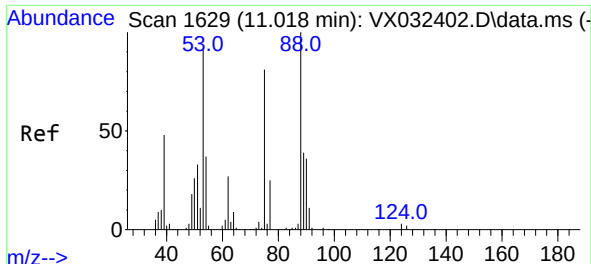
Tgt Ion: 75 Resp: 45846
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.223 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Tgt Ion: 105 Resp: 1111
Ion Ratio Lower Upper
105 100
120 50.2 23.6 71.0

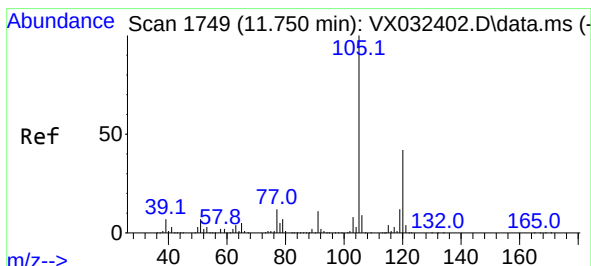
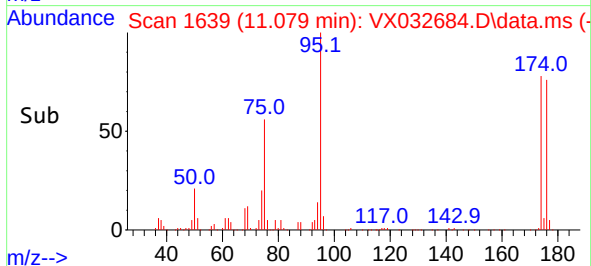
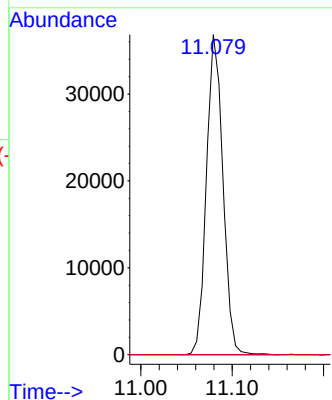
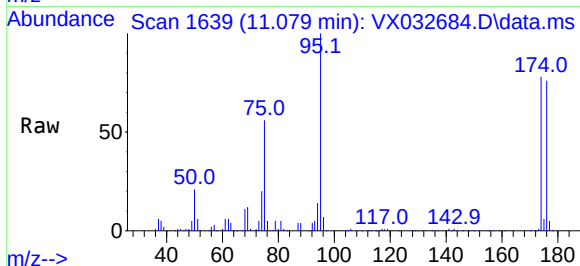




#81
trans-1,4-Dichloro-2-butene
Concen: 89.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

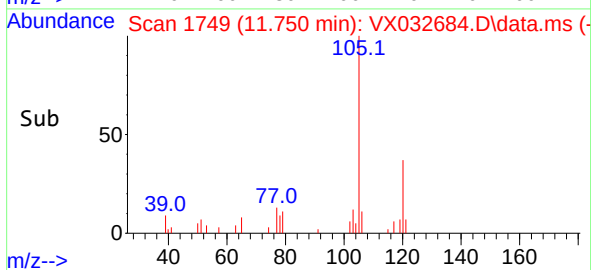
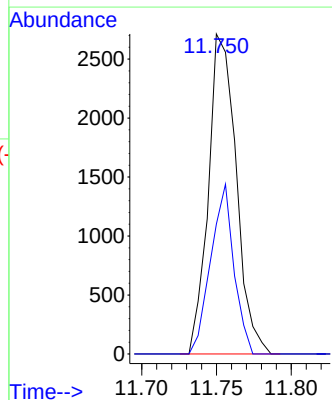
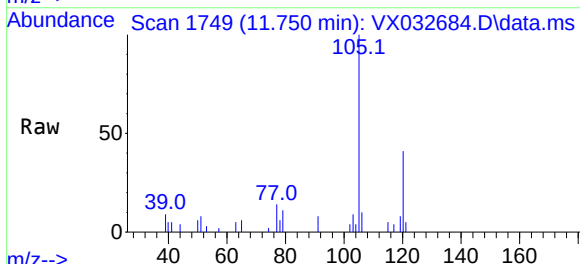
Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE

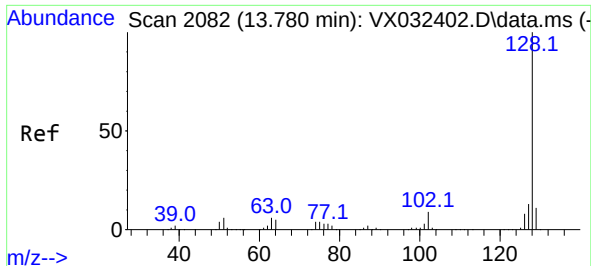
Tgt Ion: 75 Resp: 45846
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.708 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

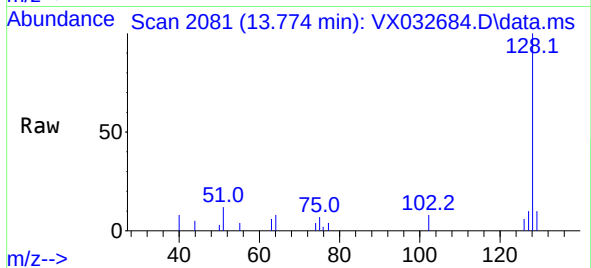
Tgt Ion: 105 Resp: 3514
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.5





#95
Naphthalene
Concen: 0.585 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032684.D
Acq: 09 Nov 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
AUD-1911-TOTE



Tgt Ion:128 Resp: 3384

Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.2	15.4
129	9.2	8.9	13.3

