

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029859.D
 Acq On : 29 Jun 2022 14:10
 Operator : JC/MD
 Sample : N3491-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1728

Quant Time: Jun 29 16:03:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

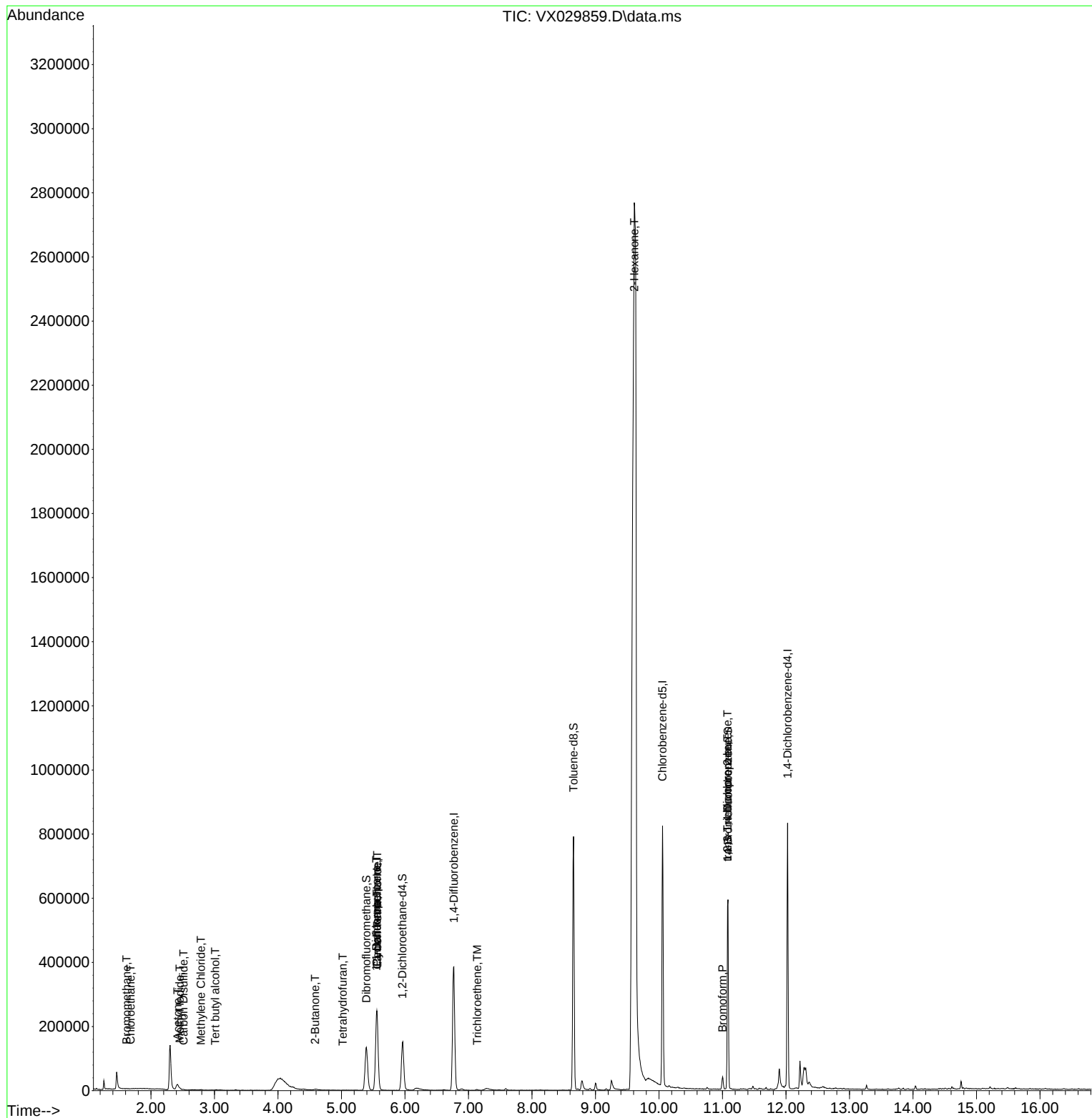
Internal Standards						
1) Pentafluorobenzene	5.556	168	246740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	420521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135067	43.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.480%		
35) Dibromofluoromethane	5.391	113	119034	45.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.580%		
50) Toluene-d8	8.653	98	476592	48.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.086	95	166067	47.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.300%		
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	304	0.200	ug/l #	53
6) Chloroethane	1.679	64	288	1.176	ug/l #	41
10) Methyl Iodide	2.453	142	74	1.894	ug/l #	45
11) Tert butyl alcohol	3.014	59	639	0.782	ug/l #	49
13) Acrolein	2.252	56	323	Below Cal	#	72
16) Acetone	2.416	43	32922	21.546	ug/l	94
17) Carbon Disulfide	2.514	76	1347	0.213	ug/l #	74
20) Methylene Chloride	2.788	84	829	0.257	ug/l #	83
25) 2-Butanone	4.587	43	1922	0.725	ug/l	100
29) Tetrahydrofuran	5.020	42	792	0.454	ug/l #	35
31) Cyclohexane	5.556	56	4865	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18313	5.239	ug/l #	48
38) Carbon Tetrachloride	5.562	117	22967	7.583	ug/l #	17
44) Trichloroethene	7.135	130	969	0.318	ug/l	77
59) 2-Hexanone	9.610	43	1511219	410.233	ug/l #	33
71) Bromoform	11.000	173	1476	0.838	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	78641	19.567	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78641	62.142	ug/l #	13

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

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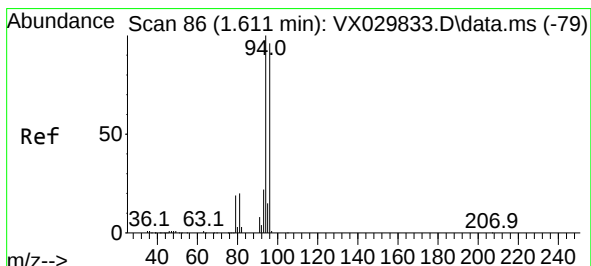
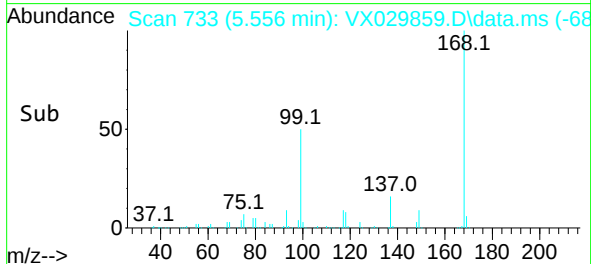
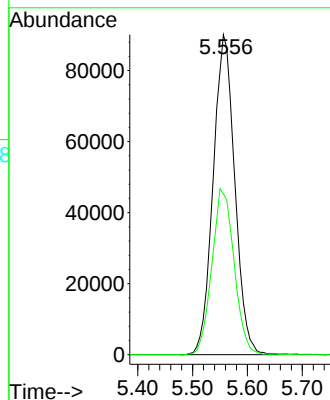
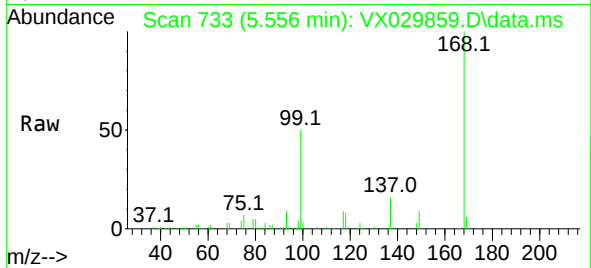




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

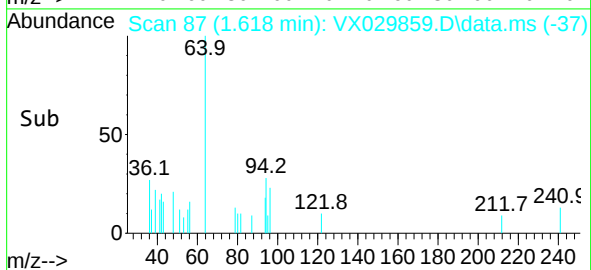
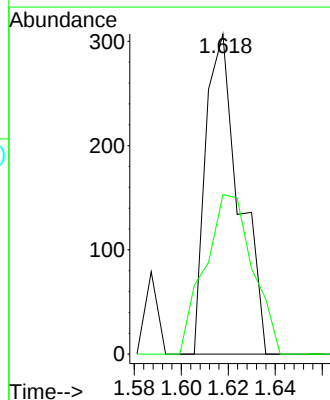
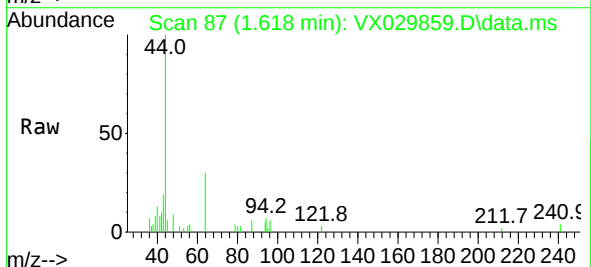
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

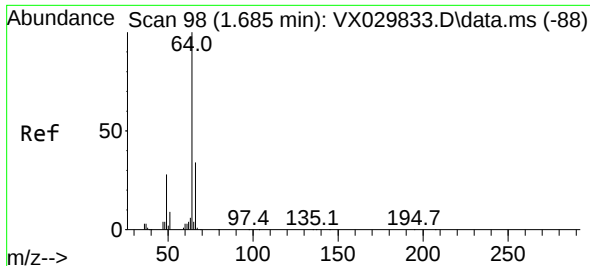
Tgt Ion:168 Resp: 246740
Ion Ratio Lower Upper
168 100
99 50.3 44.0 66.0



#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 49.8 76.9 115.3#

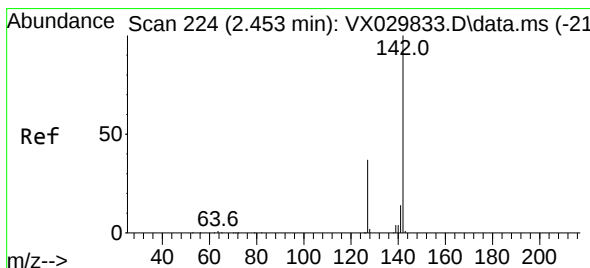
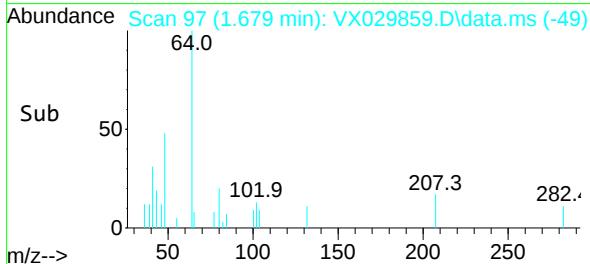
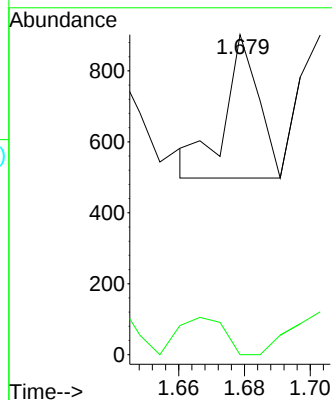
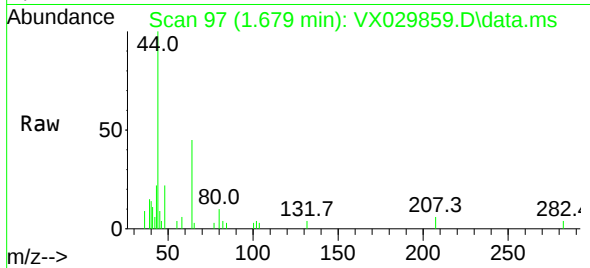




#6
Chloroethane
Concen: 1.176 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

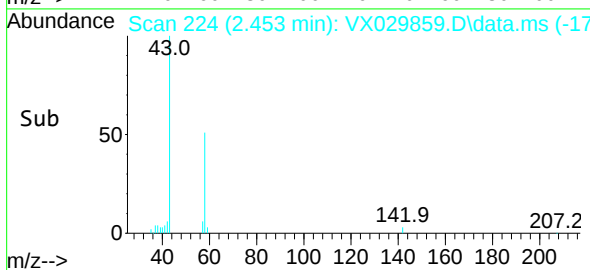
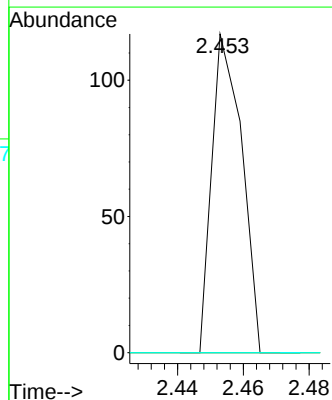
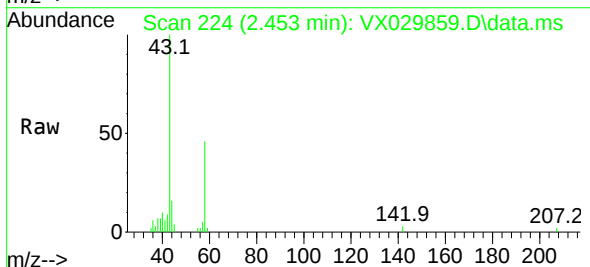
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 1.894 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

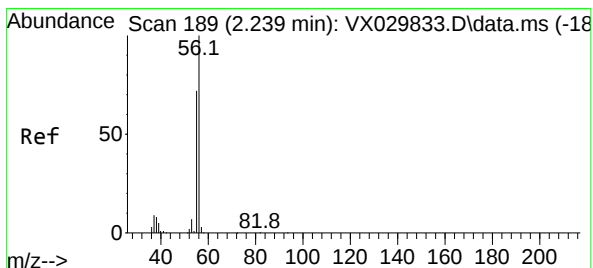
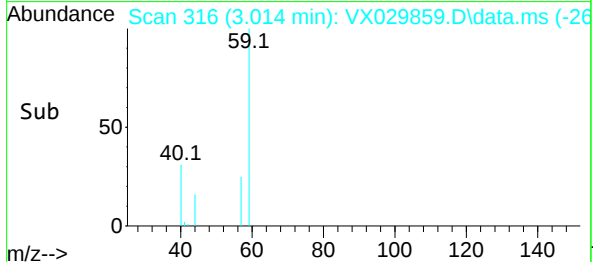
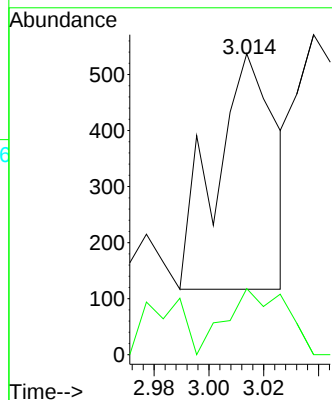
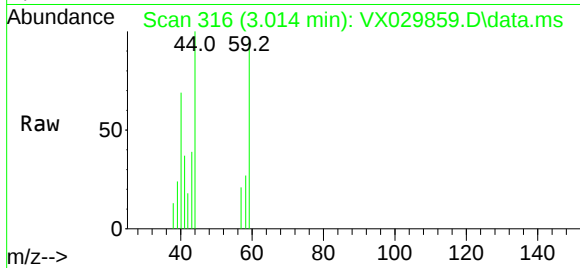




#11
Tert butyl alcohol
Concen: 0.782 ug/l
RT: 3.014 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

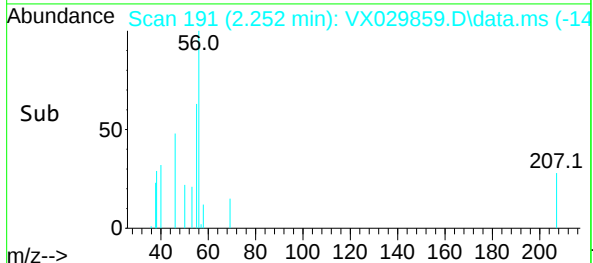
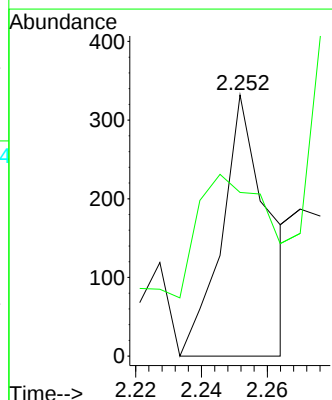
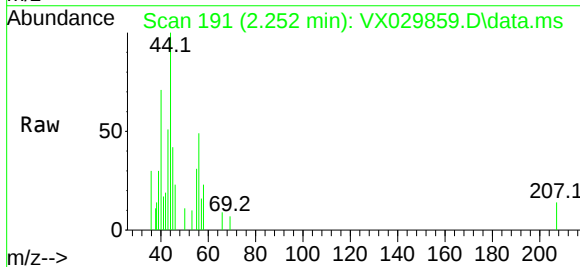
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

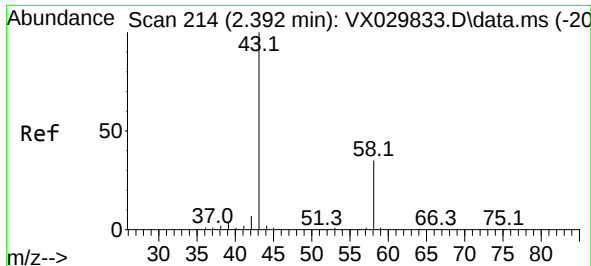
Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 27.9 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 93.8 56.6 84.8#

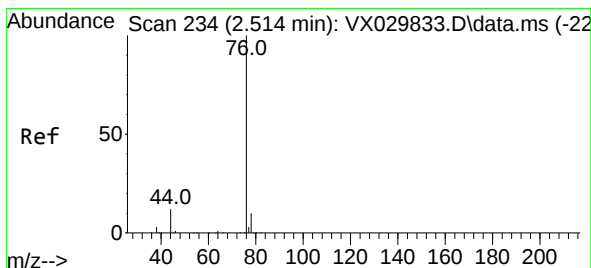
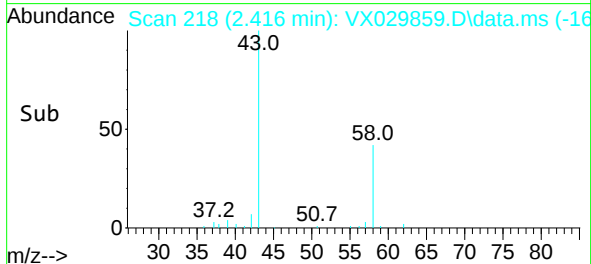
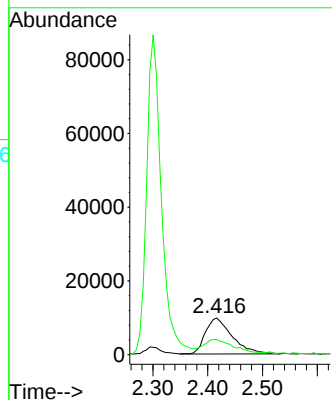
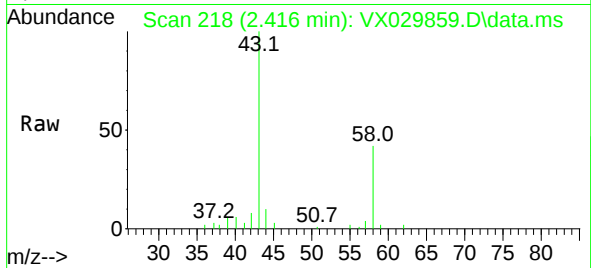




#16
Acetone
Concen: 21.546 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.025 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

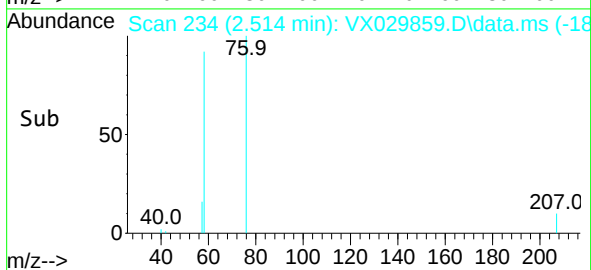
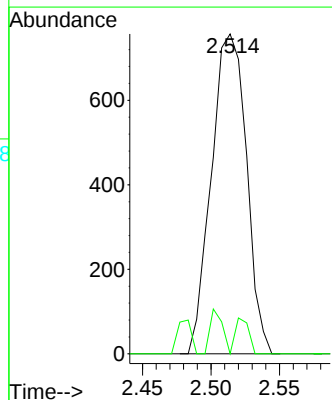
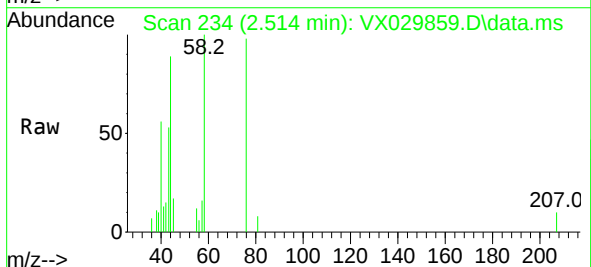
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

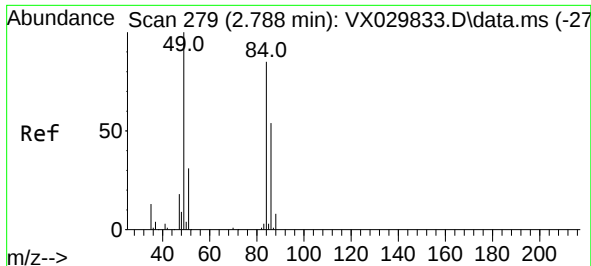
Tgt Ion: 43 Resp: 32922
Ion Ratio Lower Upper
43 100
58 38.0 27.7 41.5



#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 76 Resp: 1347
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

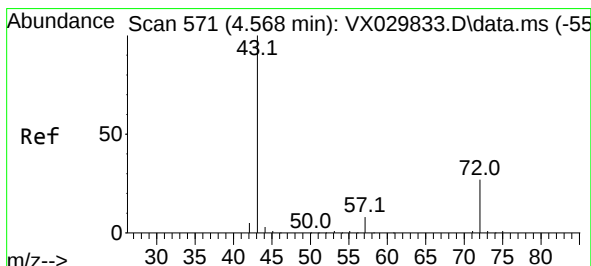
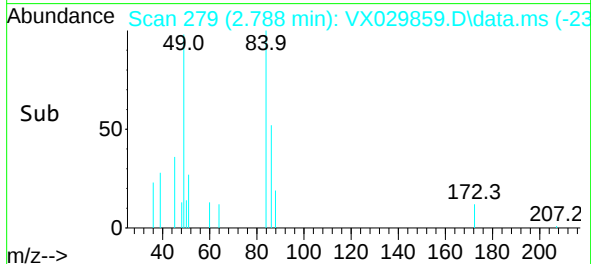
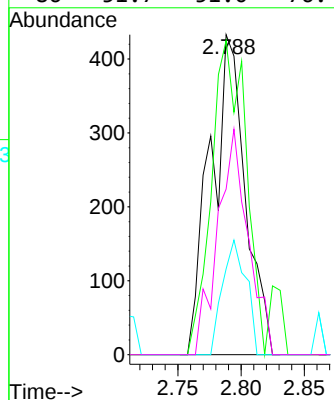
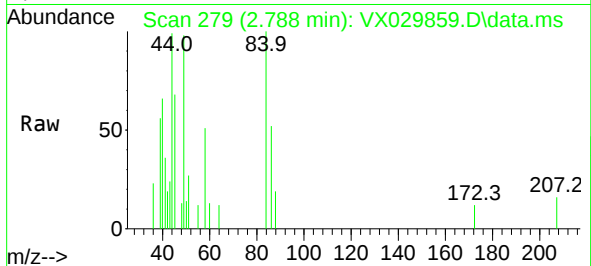




#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

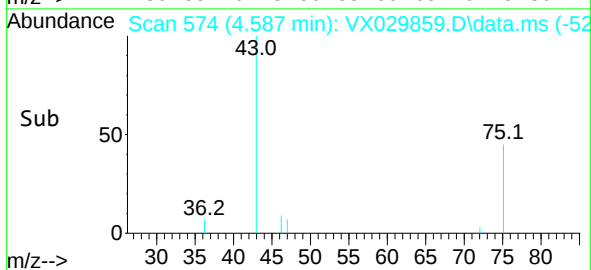
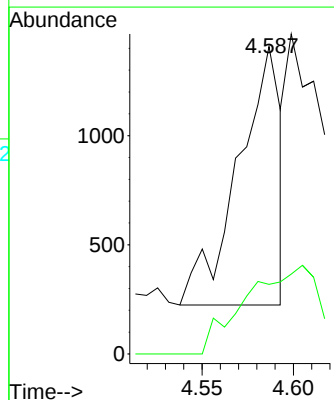
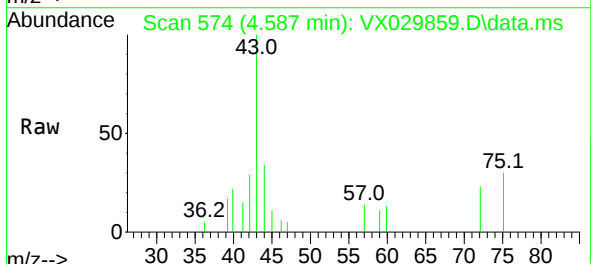
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

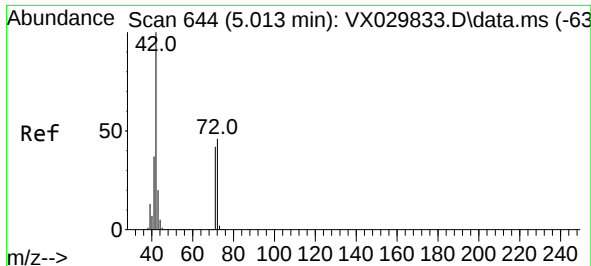
Tgt Ion: 84	Resp: 829
Ion Ratio	Lower Upper
84 100	
49 98.2	93.8 140.6
51 26.8	29.4 44.0#
86 51.7	51.0 76.4



#25
2-Butanone
Concen: 0.725 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 43	Resp: 1922
Ion Ratio	Lower Upper
43 100	
72 26.9	21.7 32.5





#29

Tetrahydrofuran

Concen: 0.454 ug/l

RT: 5.020 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX029859.D

Acq: 29 Jun 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

AUD-1728

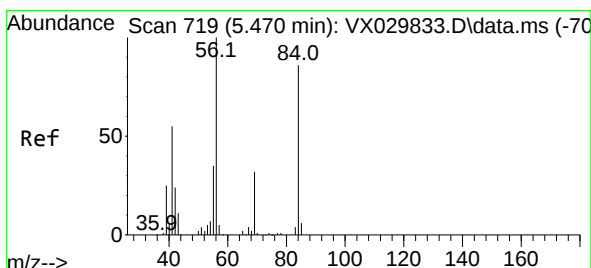
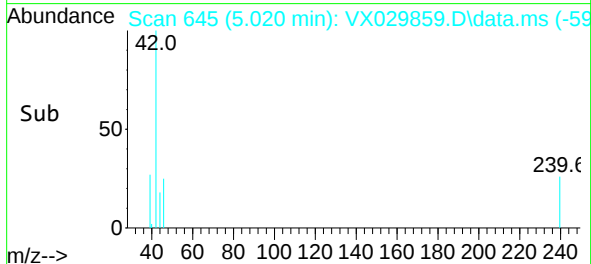
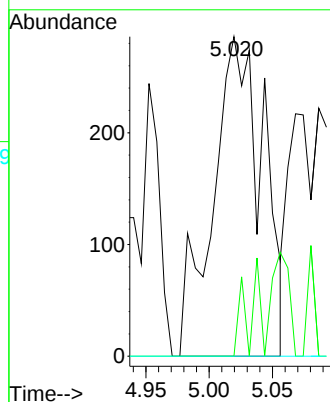
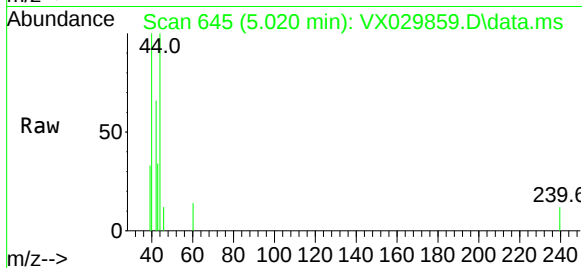
Tgt Ion: 42 Resp: 792

Ion Ratio Lower Upper

42 100

72 3.3 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX029859.D

Acq: 29 Jun 2022 14:10

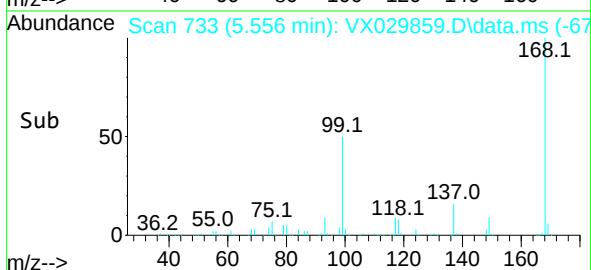
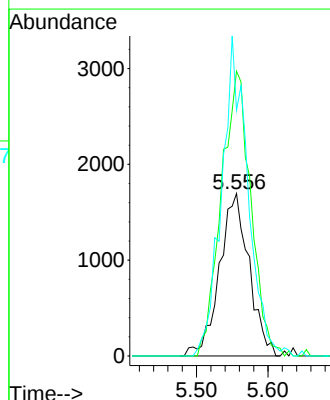
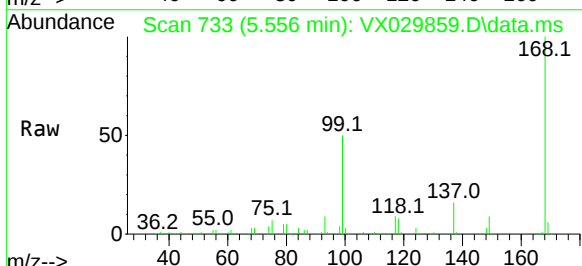
Tgt Ion: 56 Resp: 4865

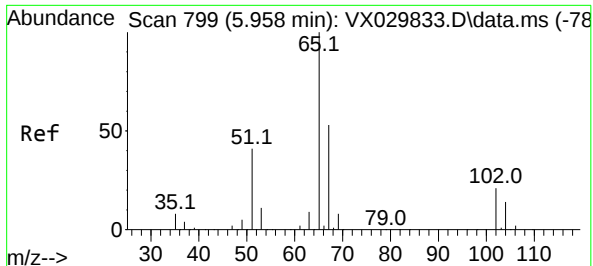
Ion Ratio Lower Upper

56 100

69 175.3 25.4 38.0#

84 151.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.245 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029859.D

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ClientSampleId :

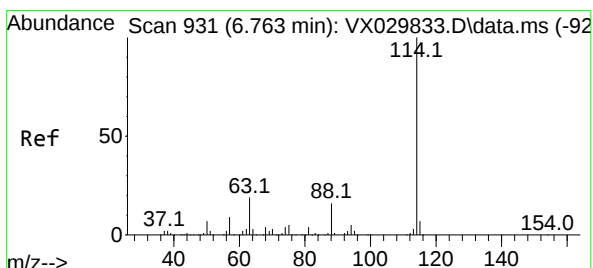
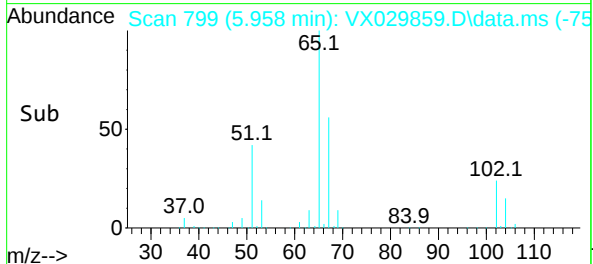
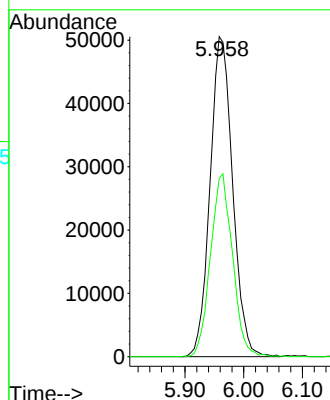
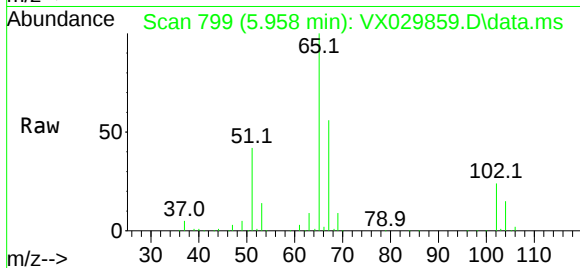
AUD-1728

Tgt Ion: 65 Resp: 135067

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029859.D

Acq: 29 Jun 2022 14:10

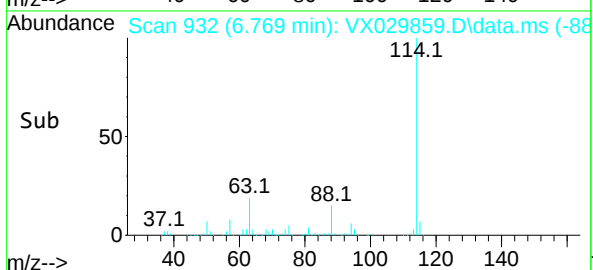
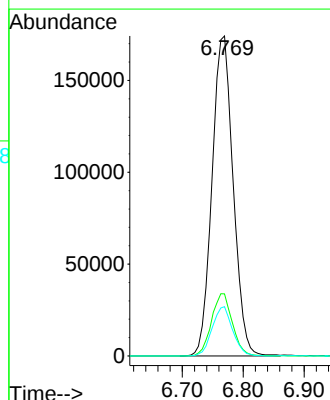
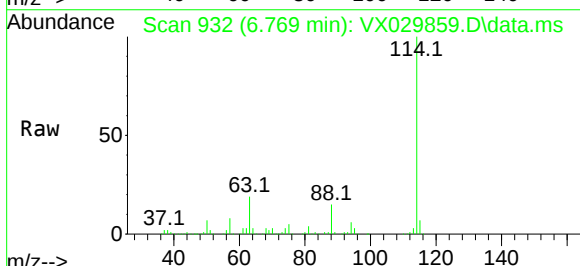
Tgt Ion: 114 Resp: 420521

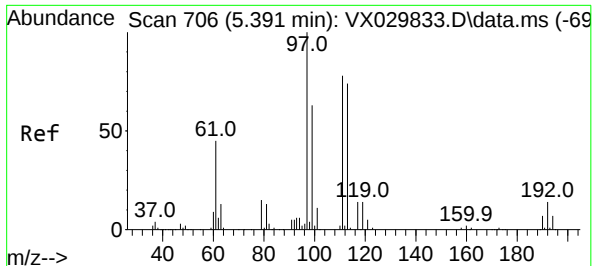
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.294 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029859.D

Acq: 29 Jun 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

AUD-1728

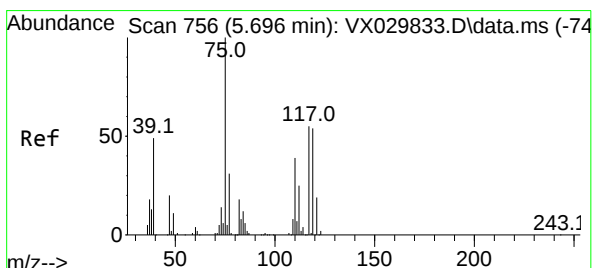
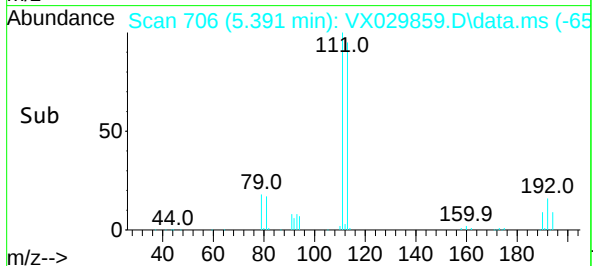
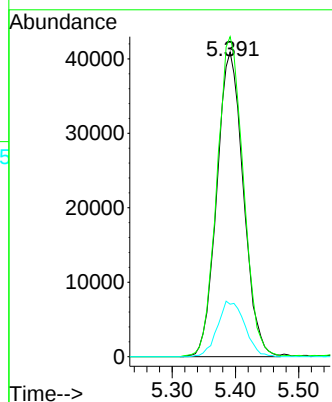
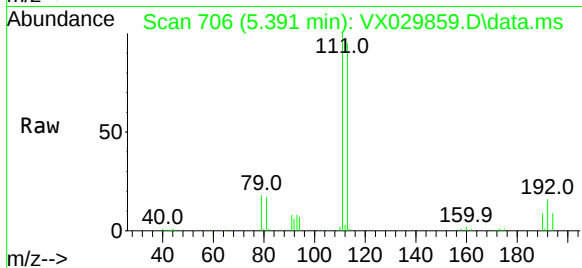
Tgt Ion:113 Resp: 119034

Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

192 18.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.239 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029859.D

Acq: 29 Jun 2022 14:10

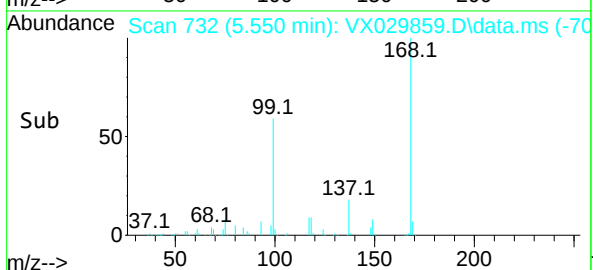
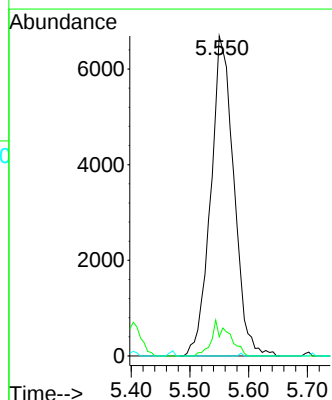
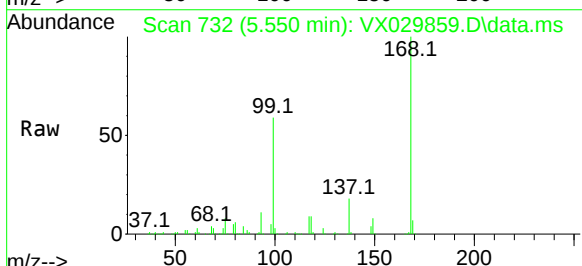
Tgt Ion: 75 Resp: 18313

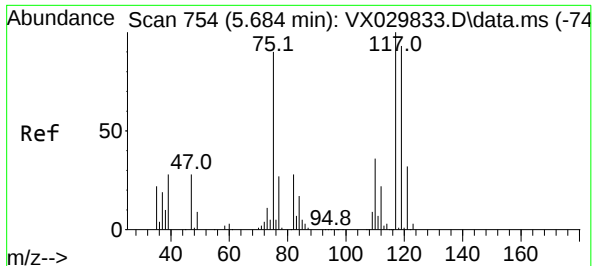
Ion Ratio Lower Upper

75 100

110 8.5 19.3 57.9#

77 0.0 24.4 36.6#

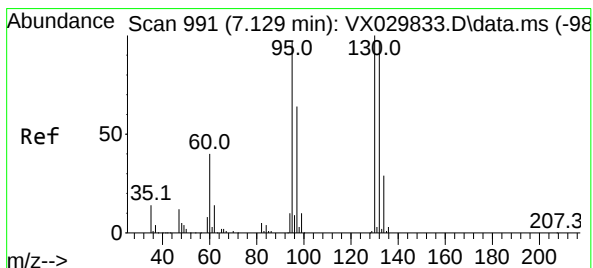
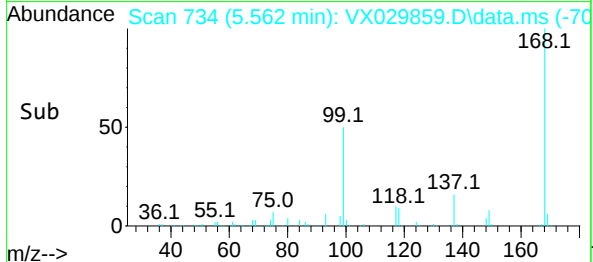
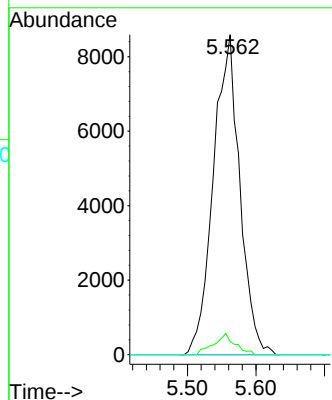
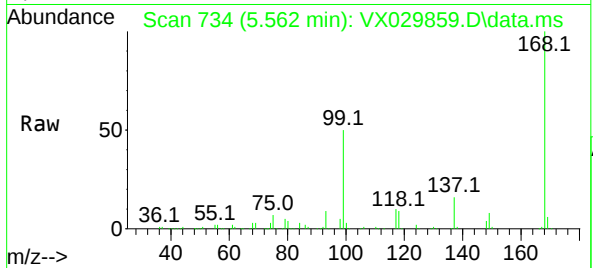




#38
Carbon Tetrachloride
Concen: 7.583 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

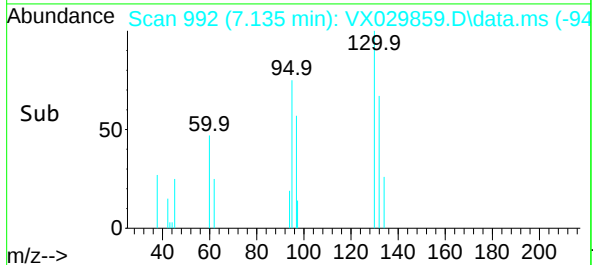
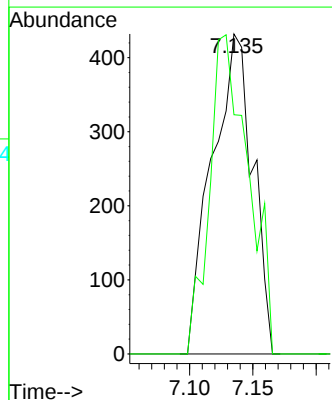
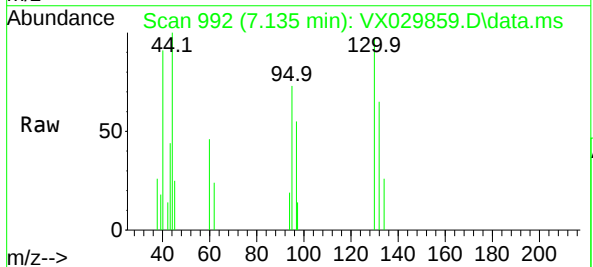
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

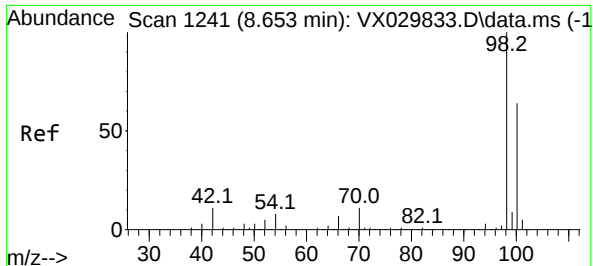
Tgt Ion:117 Resp: 22967
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.318 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion:130 Resp: 969
Ion Ratio Lower Upper
130 100
95 74.8 0.0 194.8

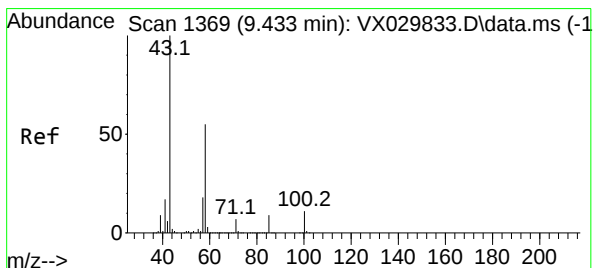
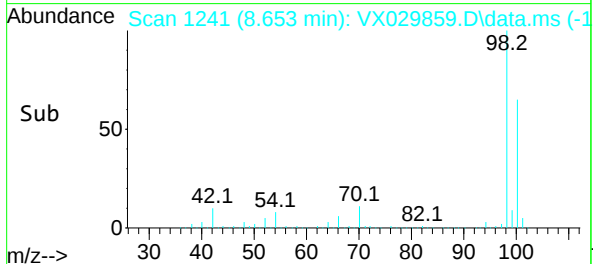
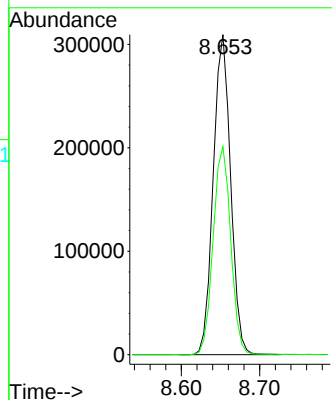
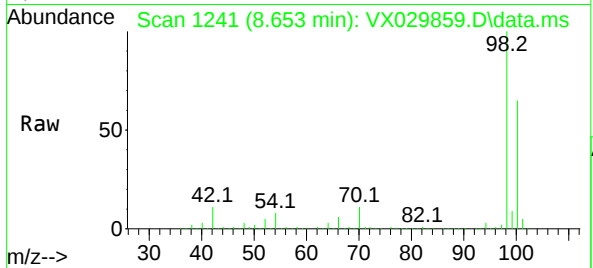




#50
Toluene-d8
Concen: 48.341 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

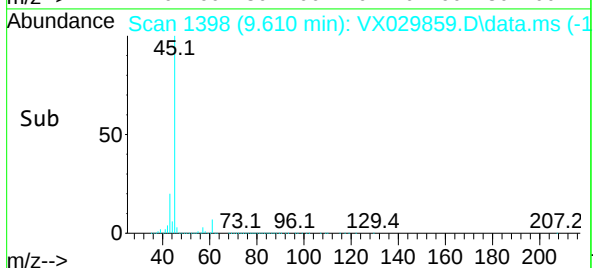
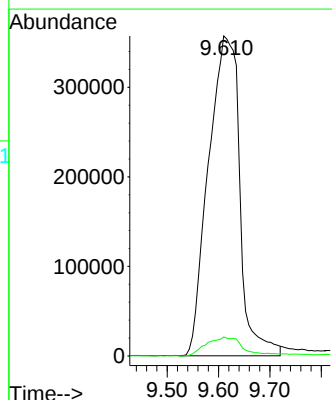
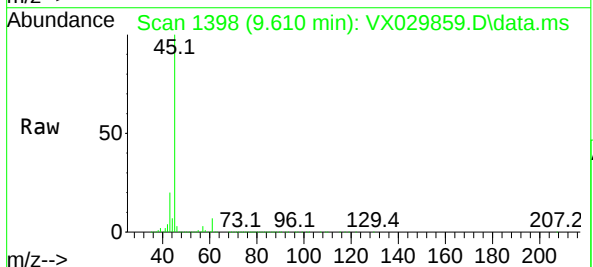
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

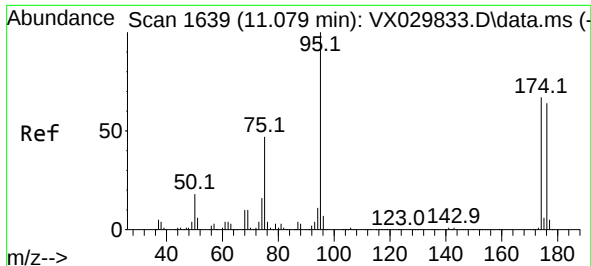
Tgt Ion: 98 Resp: 476592
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#59
2-Hexanone
Concen: 410.233 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.177 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 43 Resp: 1511219
Ion Ratio Lower Upper
43 100
58 6.9 27.6 82.8#

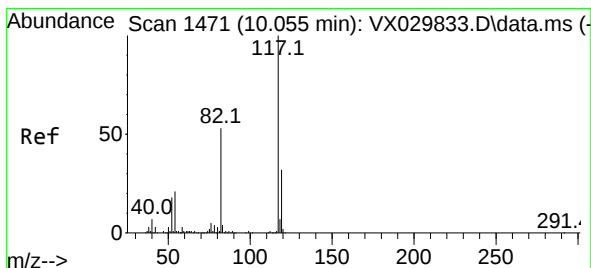
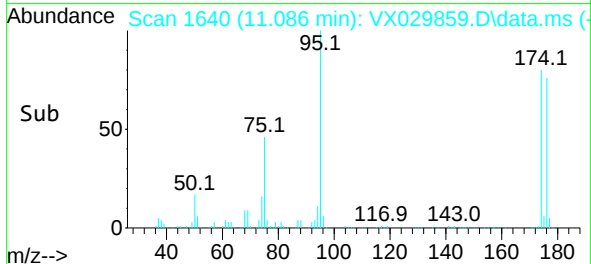
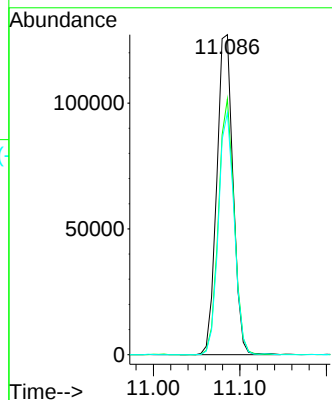
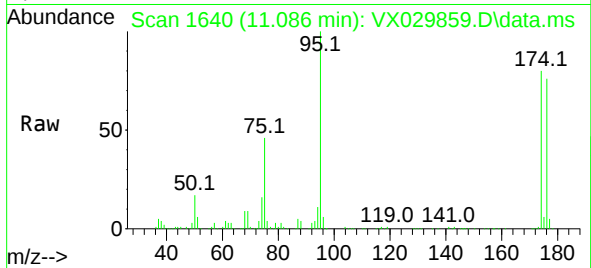




#62
4-Bromofluorobenzene
Concen: 47.652 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

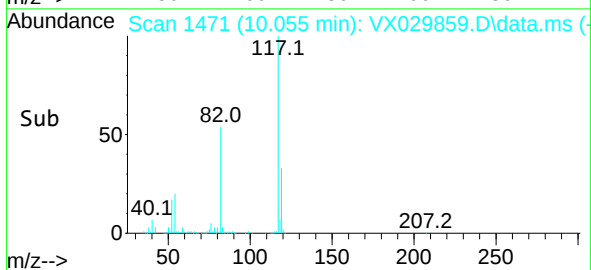
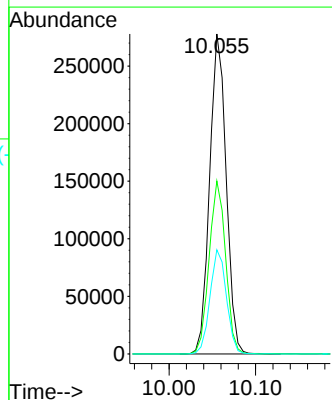
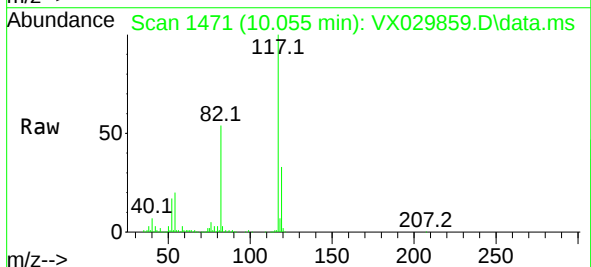
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

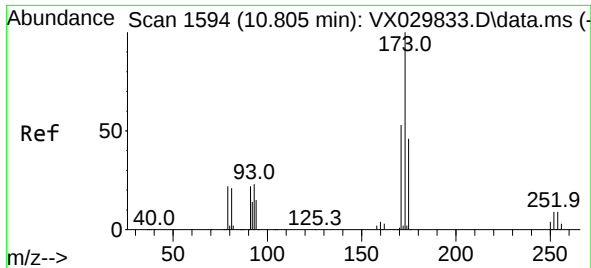
Tgt Ion: 95 Resp: 166067
Ion Ratio Lower Upper
95 100
174 76.9 0.0 149.0
176 73.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 117 Resp: 368074
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 32.5 25.4 38.2

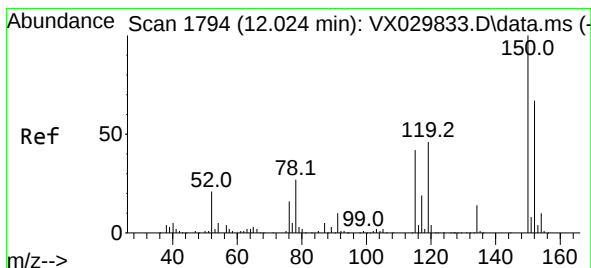
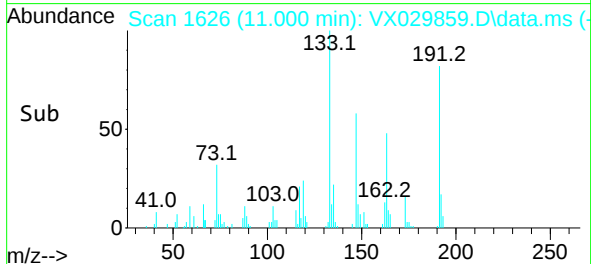
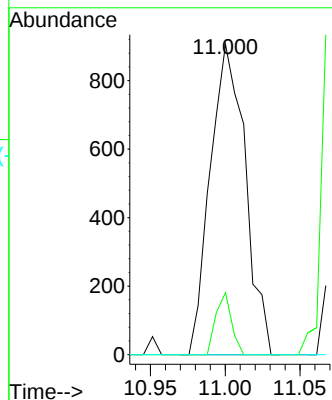
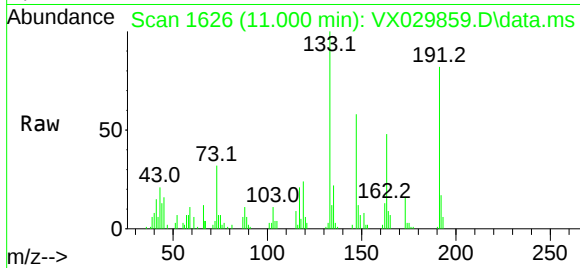




#71
Bromoform
Concen: 0.838 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.195 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

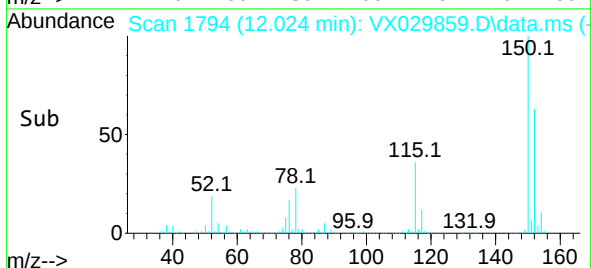
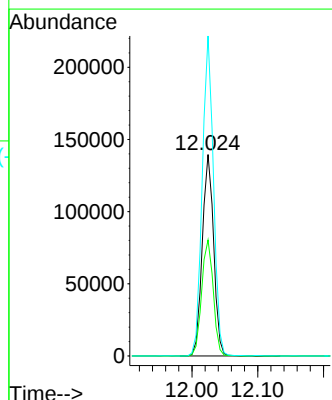
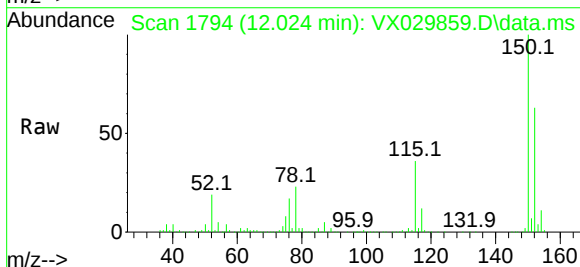
Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

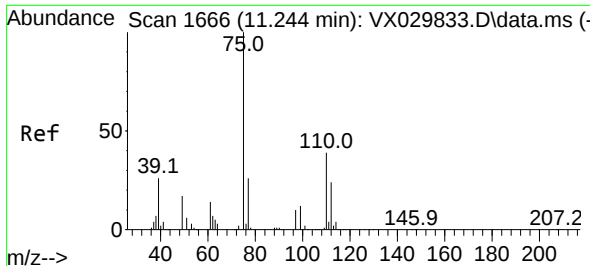
Tgt Ion:173 Resp: 1476
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion:152 Resp: 167886
Ion Ratio Lower Upper
152 100
115 58.4 40.5 121.5
150 156.3 0.0 347.0

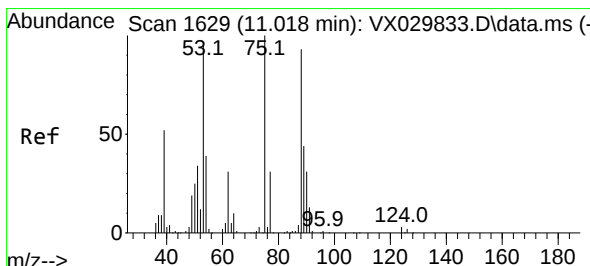
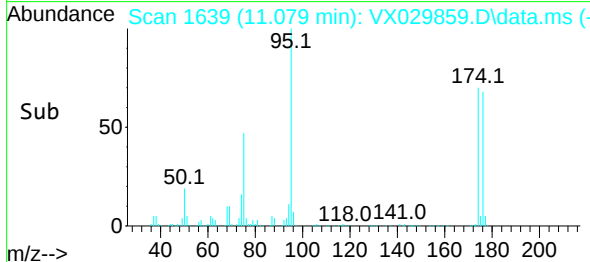
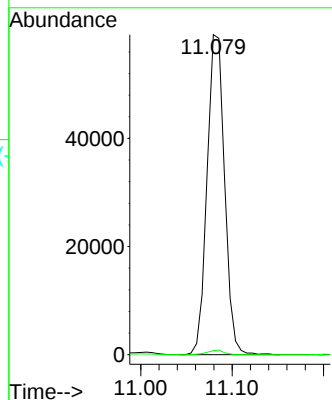
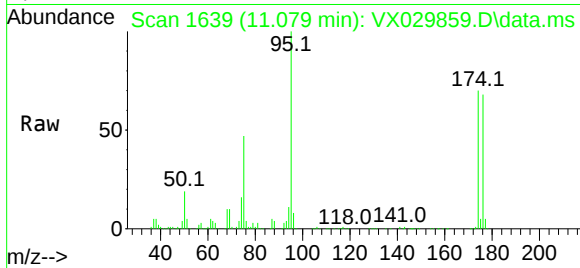




#76
1,2,3-Trichloropropane
Concen: 19.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
AUD-1728

Tgt Ion: 75 Resp: 78641
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029859.D
Acq: 29 Jun 2022 14:10

Tgt Ion: 75 Resp: 78641
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

