

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023082.D
 Acq On : 01 Jul 2021 14:05
 Operator : JC/MD
 Sample : M2882-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRIP-COMP-AUD-1121-1122DL

Quant Time: Jul 01 15:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

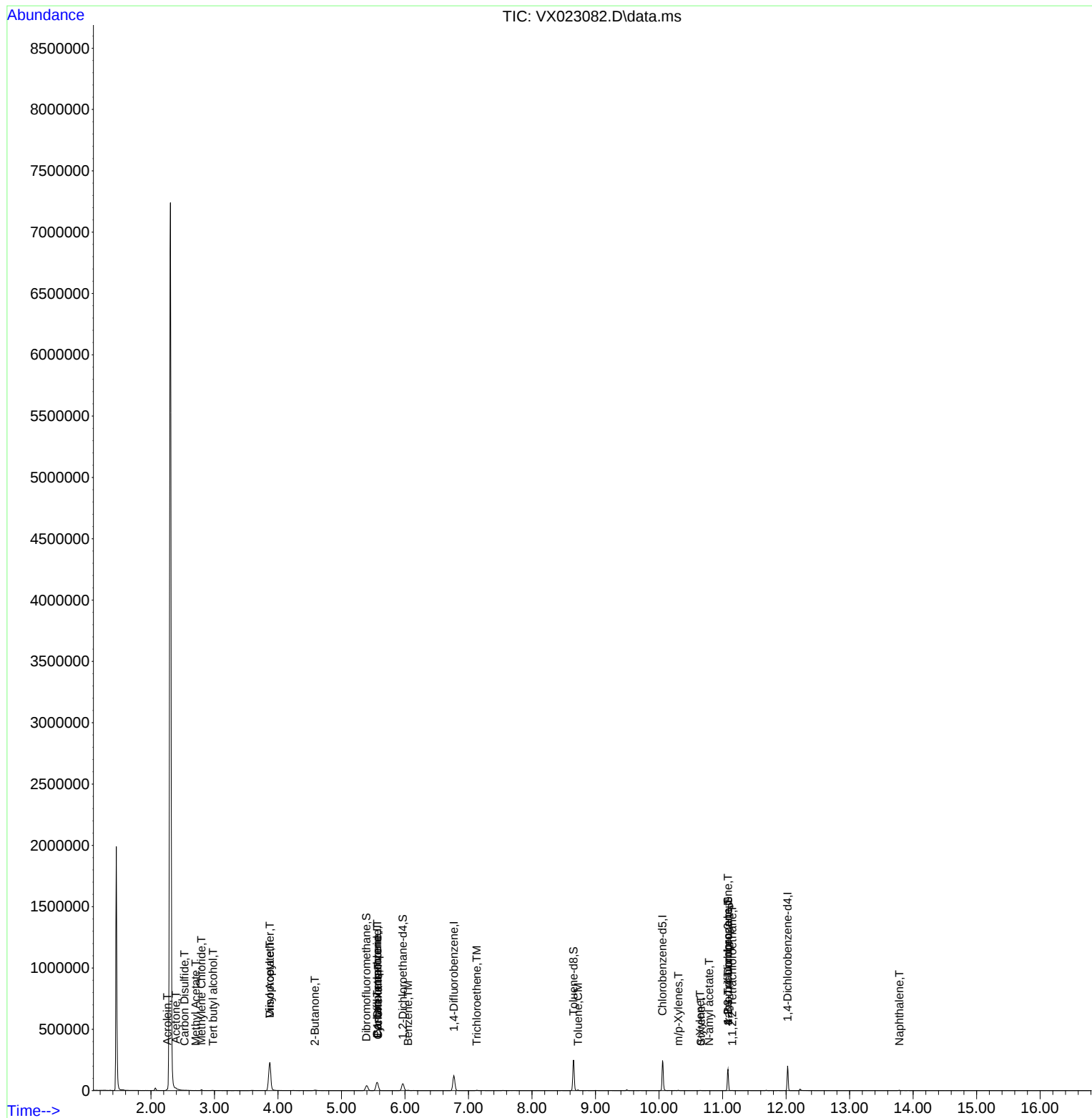
Internal Standards						
1) Pentafluorobenzene	5.562	168	54375	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55138	55.88	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.76%
35) Dibromofluoromethane	5.391	113	34441	48.93	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.86%
50) Toluene-d8	8.653	98	135765	49.22	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.44%
62) 4-Bromofluorobenzene	11.085	95	45163	43.87	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.74%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	2057	10.00	ug/l	# 81
13) Acrolein	2.258	56	8608	67.30	ug/l	# 14
16) Acetone	2.392	43	6502	14.86	ug/l	# 1
17) Carbon Disulfide	2.526	76	292	3.66	ug/l	# 75
18) Methyl Acetate	2.703	43	408	0.38	ug/l	# 47
20) Methylene Chloride	2.794	84	2540	3.28	ug/l	# 84
22) Diisopropyl ether	3.873	45	14729	5.28	ug/l	# 1
23) Vinyl Acetate	3.873	43	37452	16.02	ug/l	# 68
25) 2-Butanone	4.580	43	2699	3.97	ug/l	# 86
31) Cyclohexane	5.574	56	1858	1.33	ug/l	# 71
36) 1,1-Dichloropropene	5.562	75	5995	5.09	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6802	6.89	ug/l	# 17
40) Benzene	6.050	78	3122	0.92	ug/l	98
44) Trichloroethene	7.129	130	1234	1.53	ug/l	99
52) Toluene	8.726	92	2177	1.06	ug/l	90
68) m/p-Xylenes	10.305	106	739	0.52	ug/l	76
69) o-Xylene	10.646	106	357	0.26	ug/l	80
70) Styrene	10.658	104	621	0.27	ug/l	93
74) N-amyl acetate	10.787	43	52	2.09	ug/l	# 38
75) 1,1,2,2-Tetrachloroethane	11.152	83	418	0.42	ug/l	# 31
76) 1,2,3-Trichloropropane	11.085	75	26143	29.22	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26143	75.15	ug/l	# 12
95) Naphthalene	13.786	128	1727	2.52	ug/l	# 93

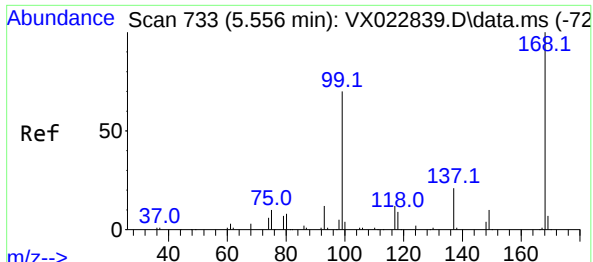
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
Data File : VX023082.D
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Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

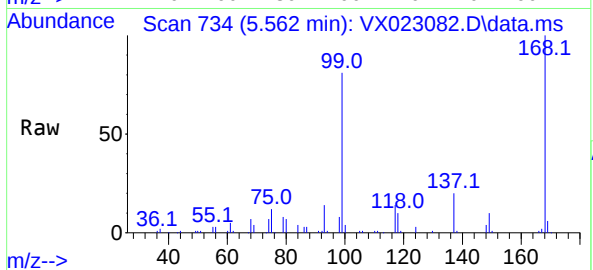
Quant Time: Jul 01 15:00:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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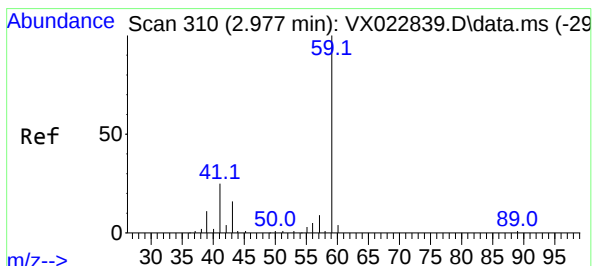
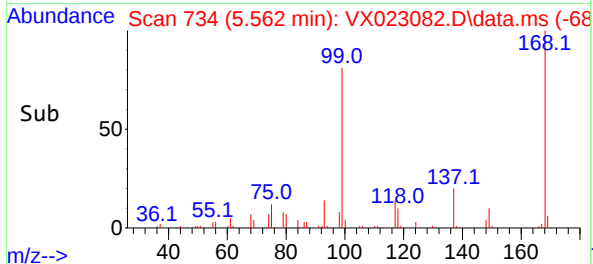
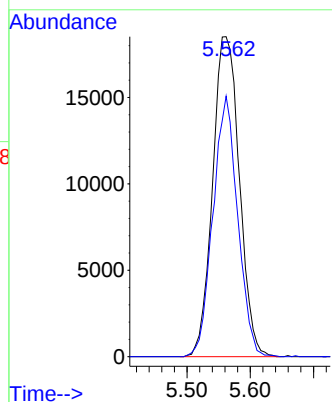


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

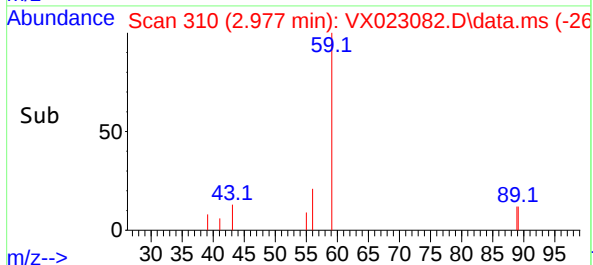
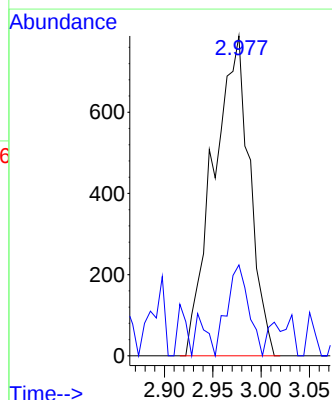
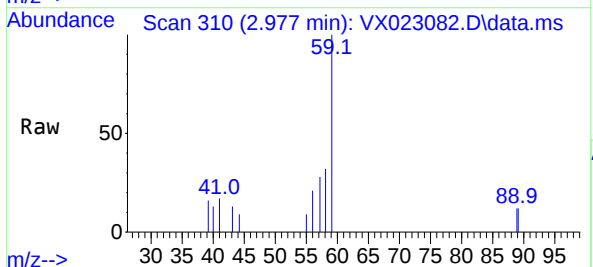


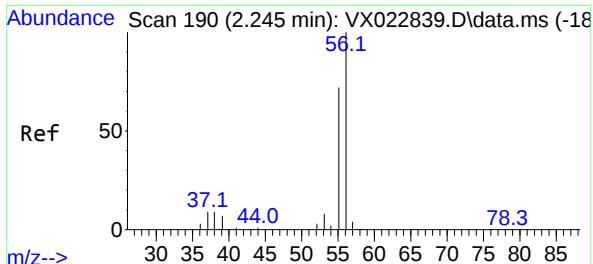
Tgt Ion:168 Resp: 54375
Ion Ratio Lower Upper
168 100
99 81.4 45.8 68.6#



#11
Tert butyl alcohol
Concen: 10.00 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 59 Resp: 2057
Ion Ratio Lower Upper
59 100
57 16.7 7.8 11.8#

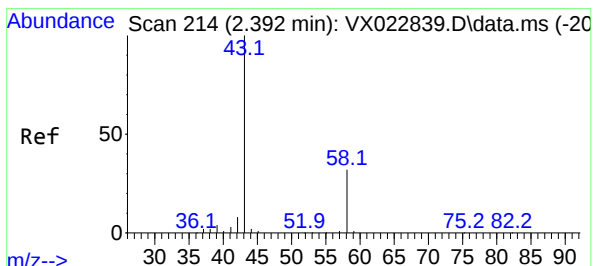
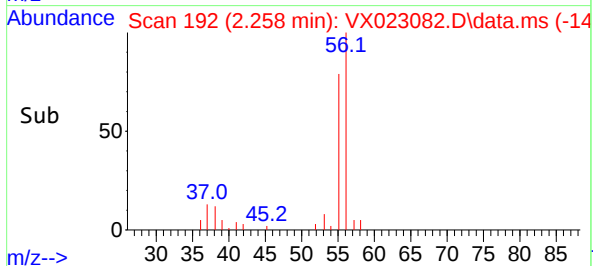
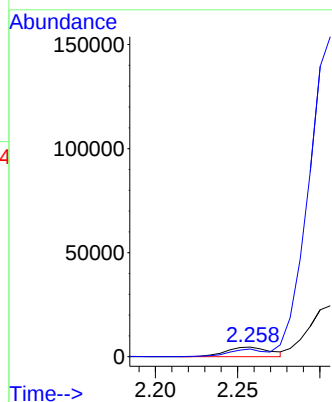
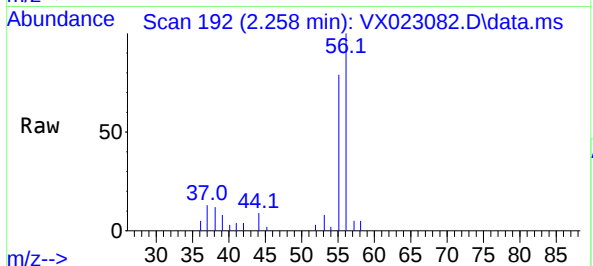




#13
Acrolein
Concen: 67.30 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

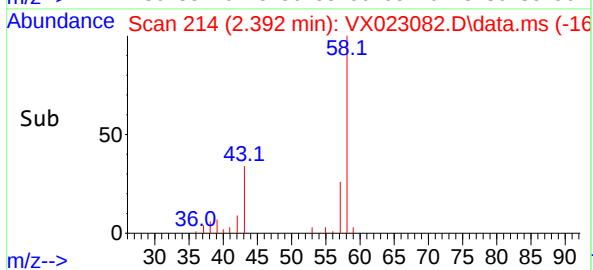
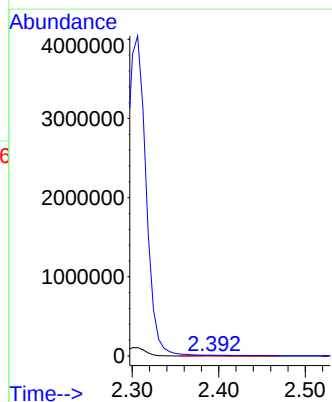
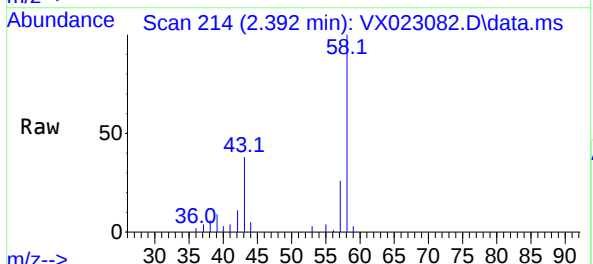
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

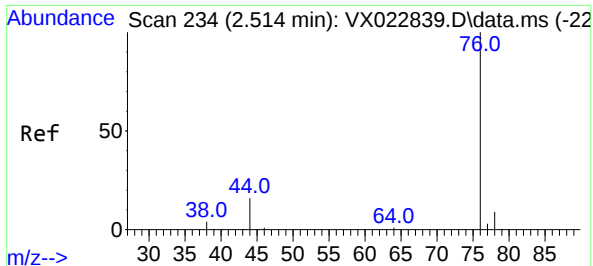
Tgt Ion: 56 Resp: 8608
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 14.86 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 43 Resp: 6502
Ion Ratio Lower Upper
43 100
58 205.9 27.8 41.8#

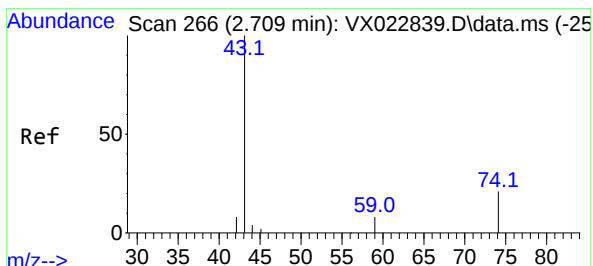
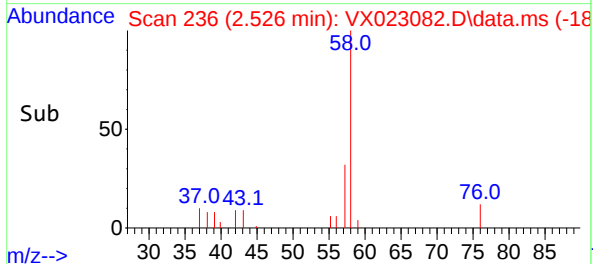
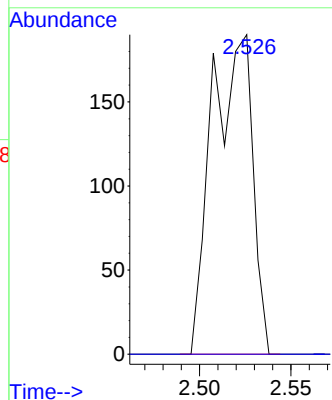
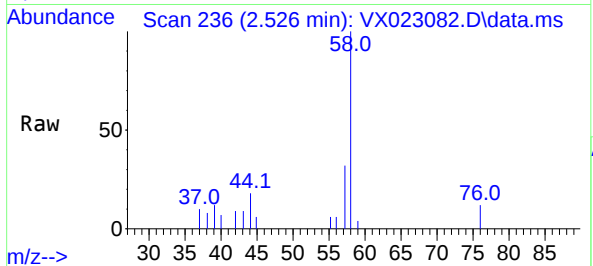




#17
Carbon Disulfide
Concen: 3.66 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

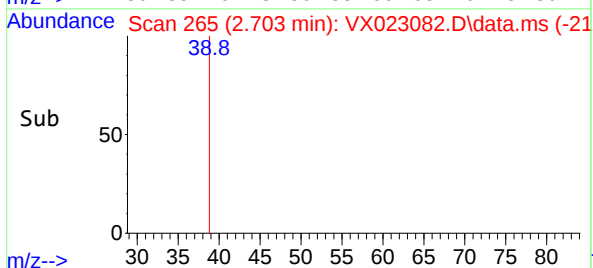
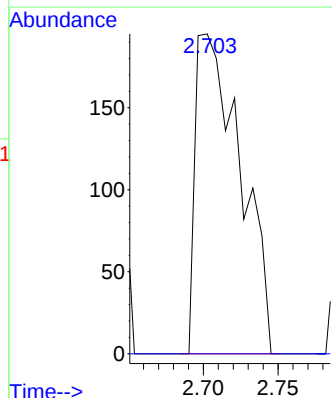
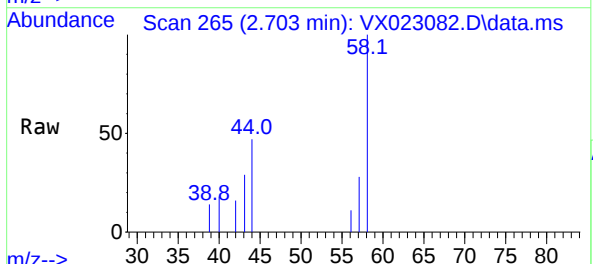
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

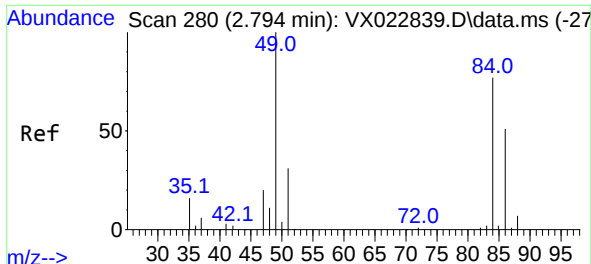
Tgt Ion: 76 Resp: 292
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 3.28 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023082.D

Acq: 01 Jul 2021 14:05

Instrument :

MSVOA_X

ClientSampleId :

DRIP-COMP-AUD-1121-1122DL

Tgt Ion: 84 Resp: 2540

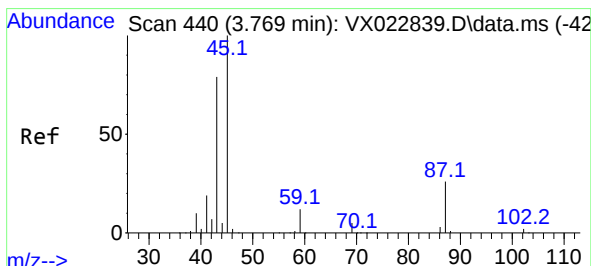
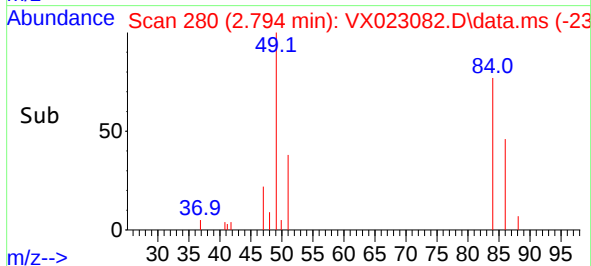
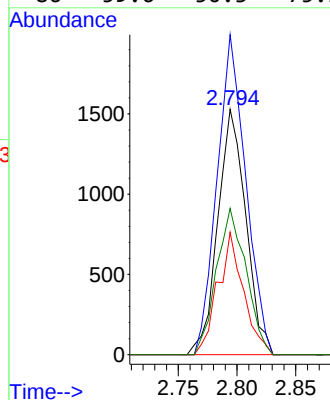
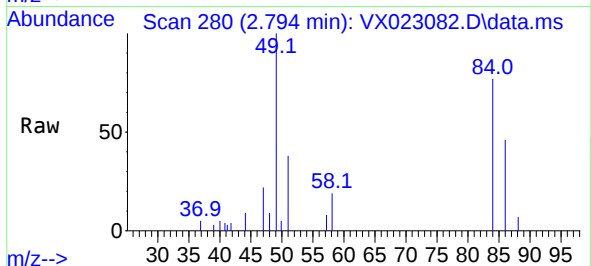
Ion Ratio Lower Upper

84 100

49 130.5 88.6 132.8

51 49.9 27.0 40.6#

86 59.6 50.3 75.5



#22

Diisopropyl ether

Concen: 5.28 ug/l

RT: 3.873 min Scan# 457

Delta R.T. 0.104 min

Lab File: VX023082.D

Acq: 01 Jul 2021 14:05

Tgt Ion: 45 Resp: 14729

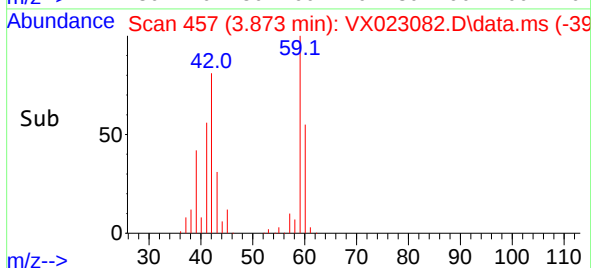
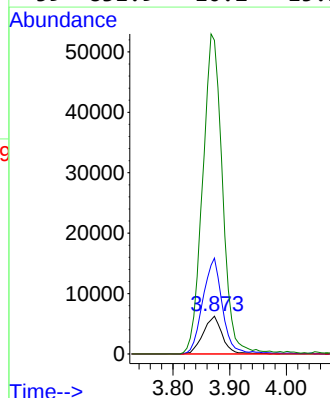
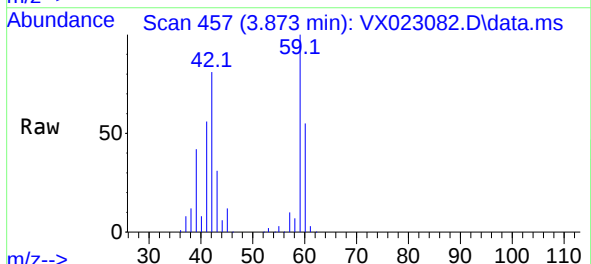
Ion Ratio Lower Upper

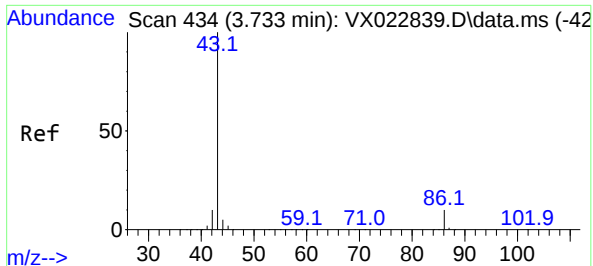
45 100

43 254.3 58.0 87.0#

87 0.0 25.4 38.0#

59 831.9 10.2 15.2#

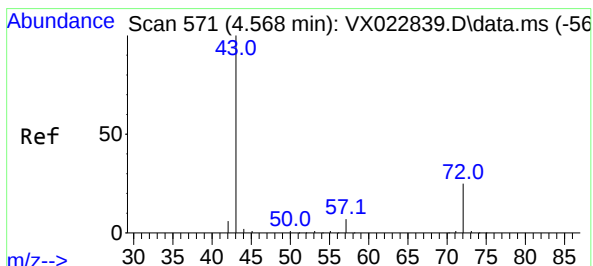
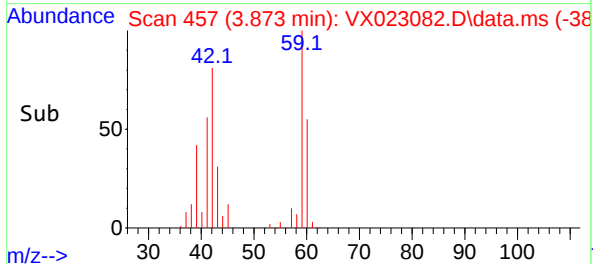
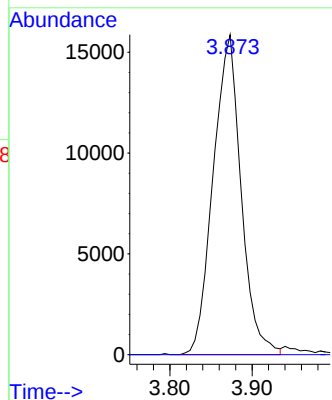
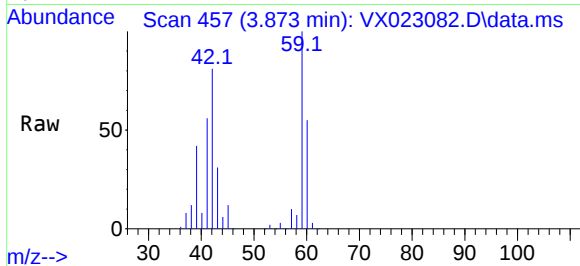




#23
 Vinyl Acetate
 Concen: 16.02 ug/l
 RT: 3.873 min Scan# 457
 Delta R.T. 0.140 min
 Lab File: VX023082.D
 Acq: 01 Jul 2021 14:05

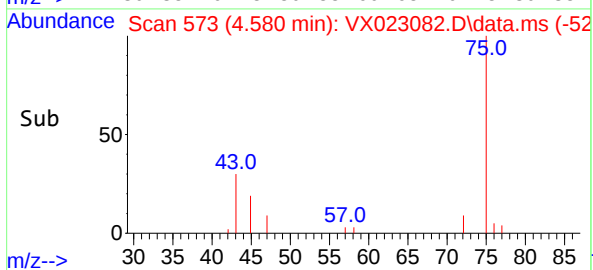
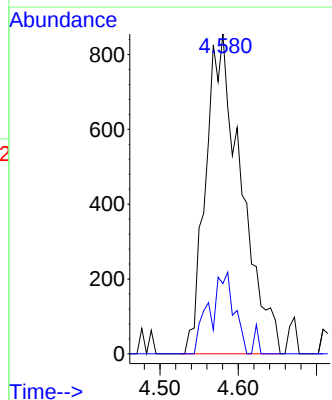
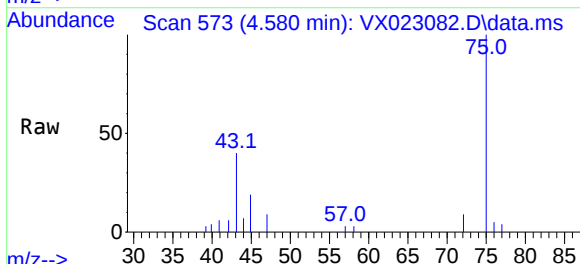
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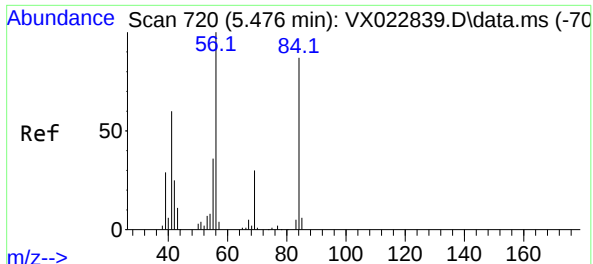
Tgt Ion: 43 Resp: 37452
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 3.97 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX023082.D
 Acq: 01 Jul 2021 14:05

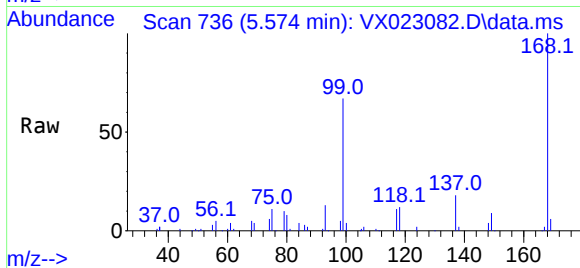
Tgt Ion: 43 Resp: 2699
 Ion Ratio Lower Upper
 43 100
 72 22.0 23.7 35.5#



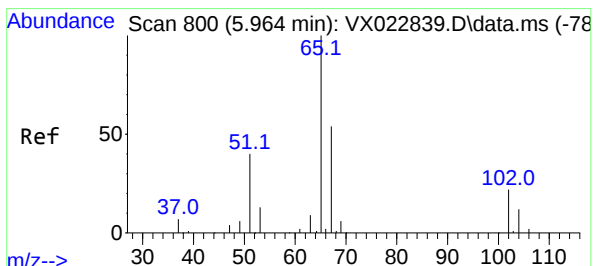
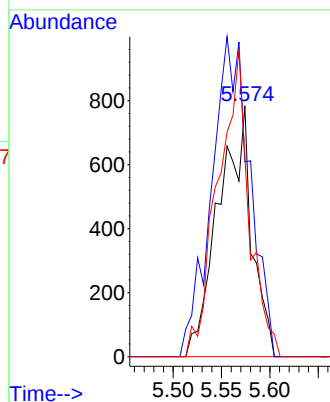
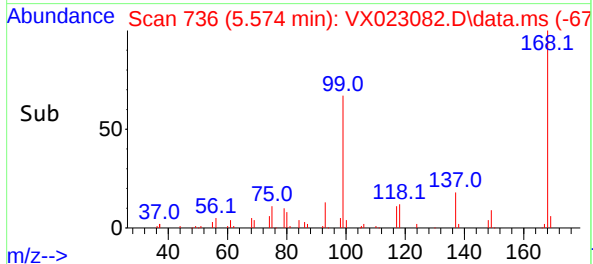


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.098 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

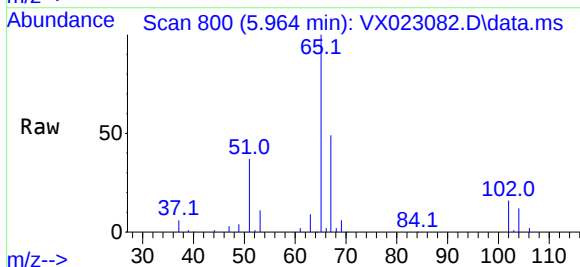
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MSVOA_X
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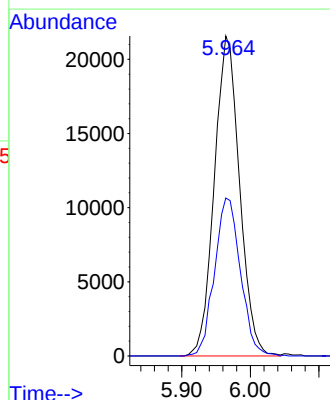
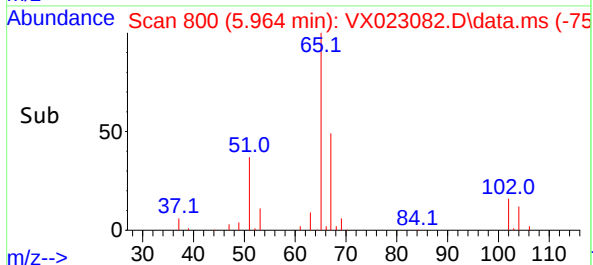
Tgt Ion: 56 Resp: 1858
Ion Ratio Lower Upper
56 100
69 77.7 25.3 37.9#
84 80.2 71.4 107.0

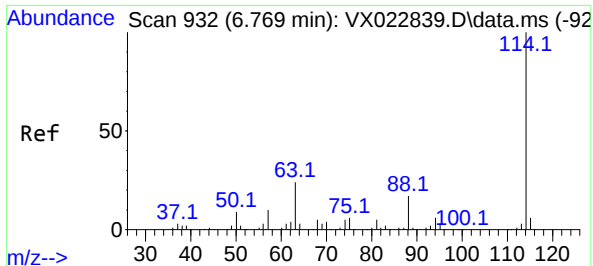


#33
1,2-Dichloroethane-d4
Concen: 55.88 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05



Tgt Ion: 65 Resp: 55138
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

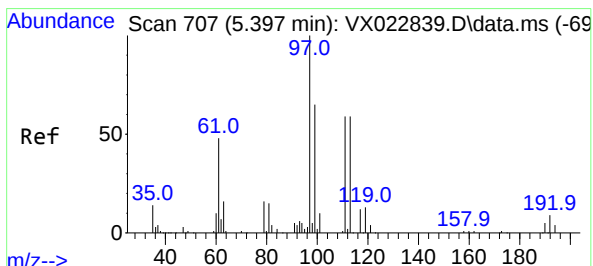
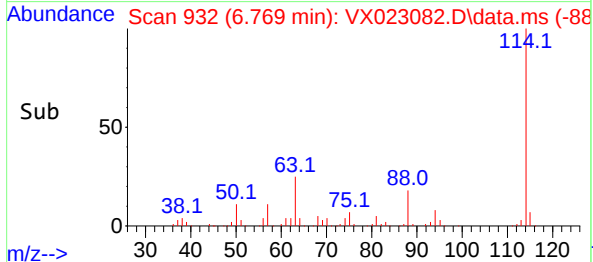
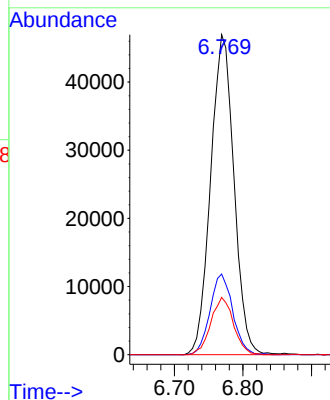
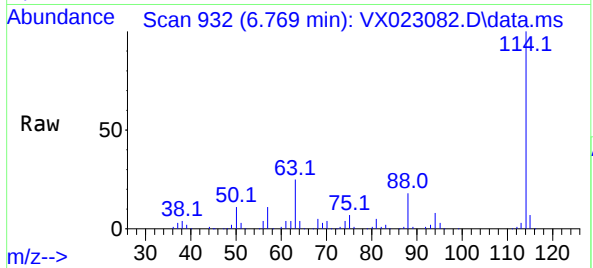




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

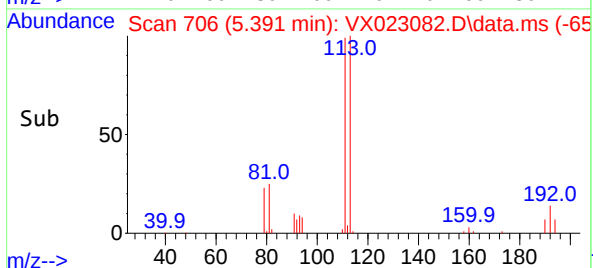
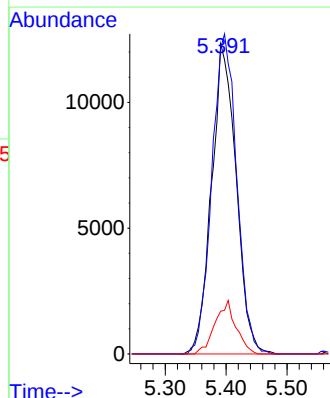
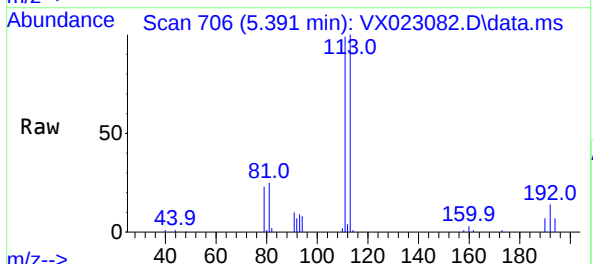
Instrument :
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ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

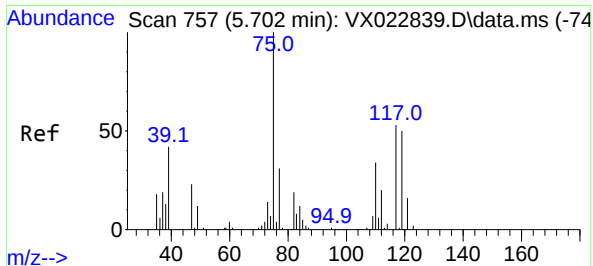
Tgt Ion:114 Resp: 110835
Ion Ratio Lower Upper
114 100
63 25.2 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion:113 Resp: 34441
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 14.7 16.7 25.1#

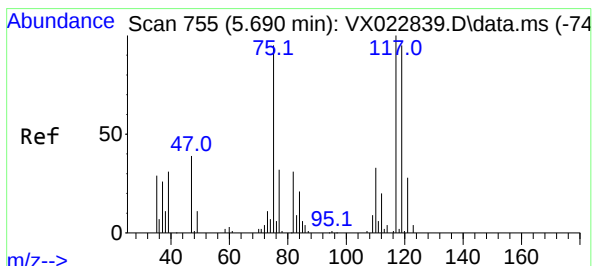
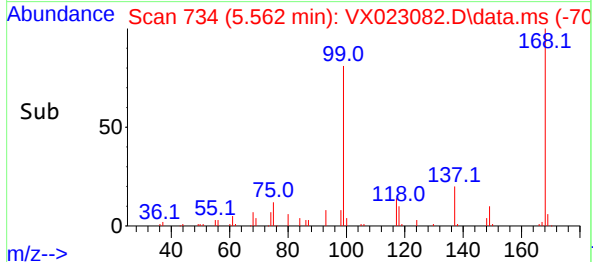
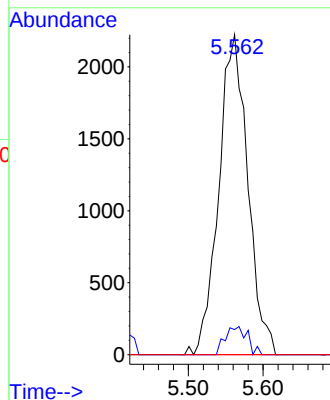
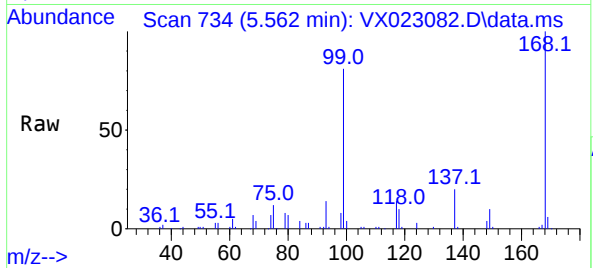




#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

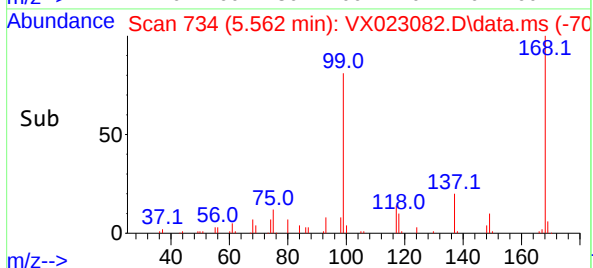
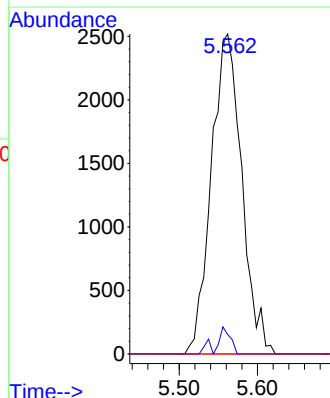
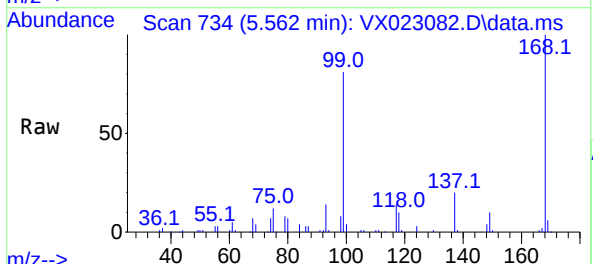
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

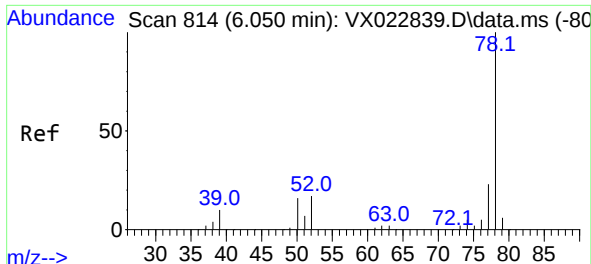
Tgt Ion: 75 Resp: 5995
Ion Ratio Lower Upper
75 100
110 6.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.89 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 117 Resp: 6802
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

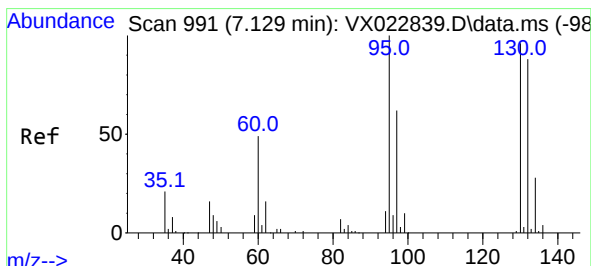
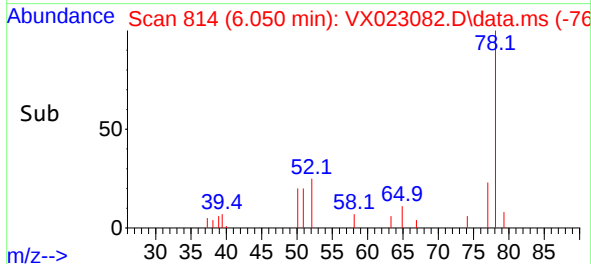
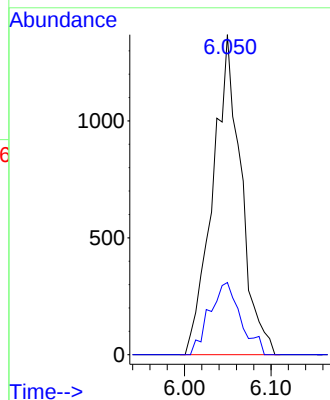
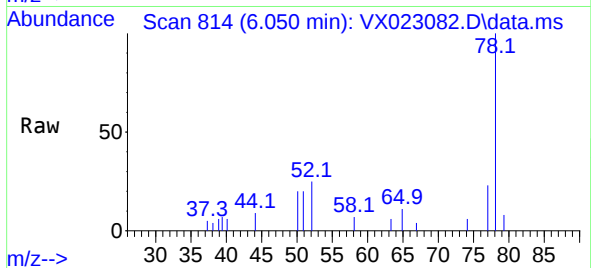




#40
Benzene
Concen: 0.92 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

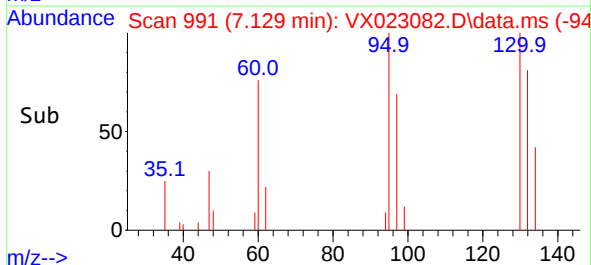
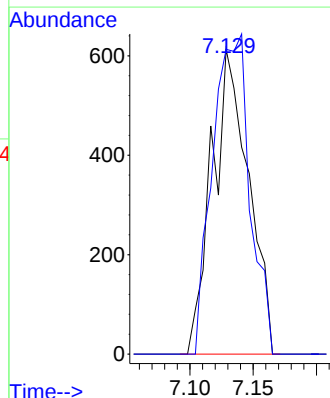
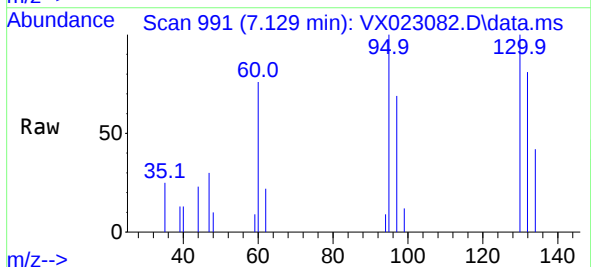
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

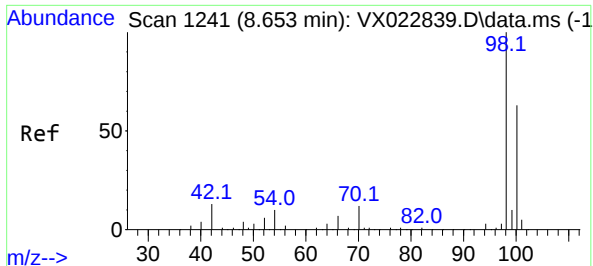
Tgt Ion: 78 Resp: 3122
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3



#44
Trichloroethene
Concen: 1.53 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion:130 Resp: 1234
Ion Ratio Lower Upper
130 100
95 100.0 0.0 198.0

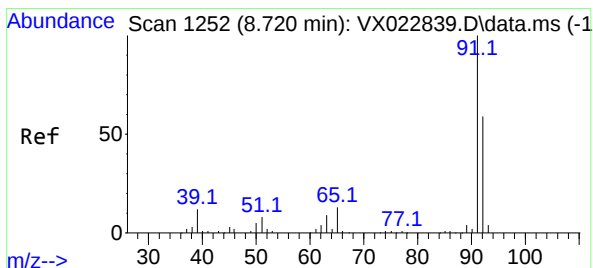
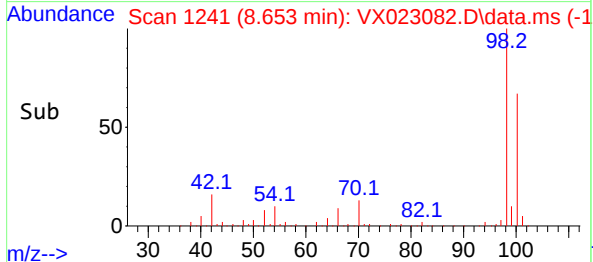
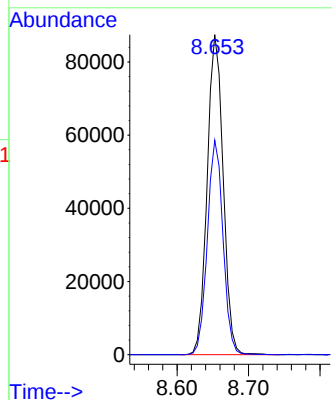
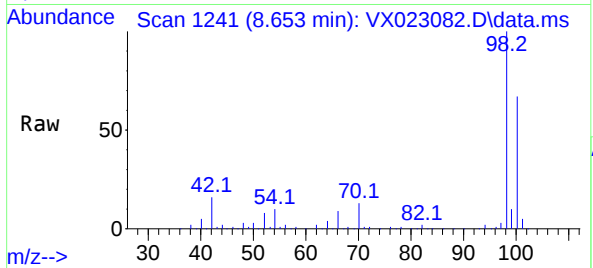




#50
Toluene-d8
Concen: 49.22 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

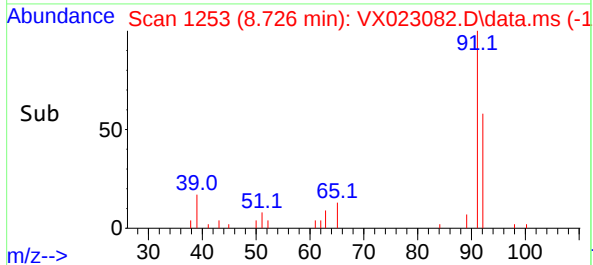
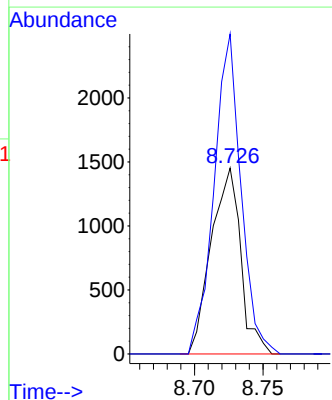
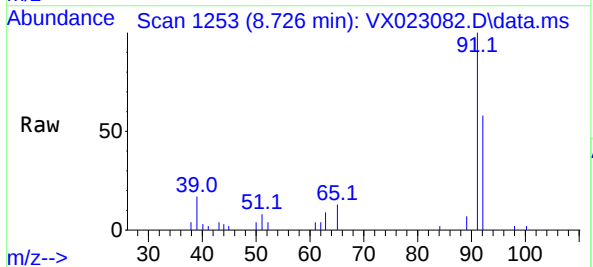
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

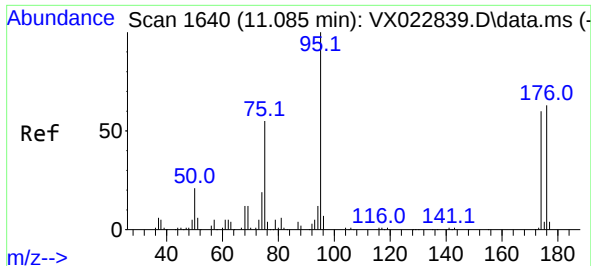
Tgt Ion: 98 Resp: 135765
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#52
Toluene
Concen: 1.06 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 92 Resp: 2177
Ion Ratio Lower Upper
92 100
91 157.1 137.1 205.7

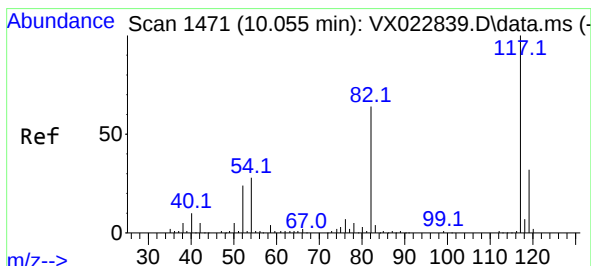
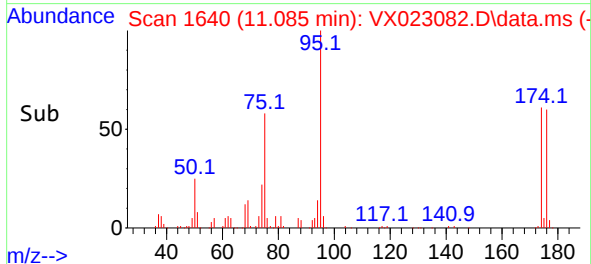
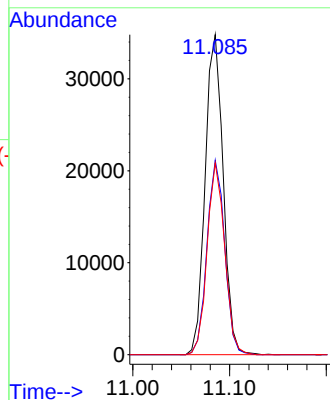
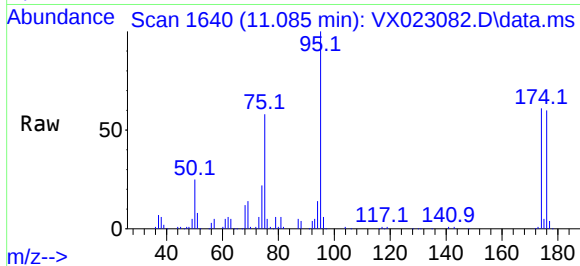




#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

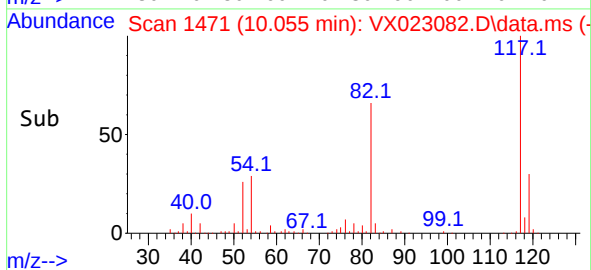
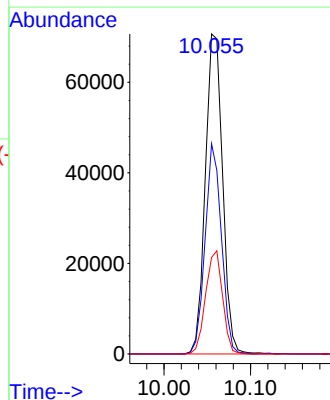
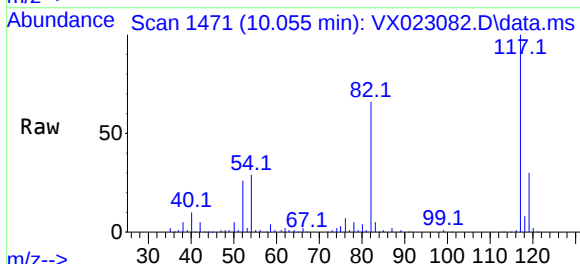
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

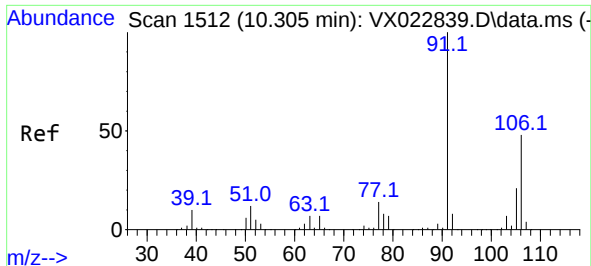
Tgt Ion: 95 Resp: 45163
Ion Ratio Lower Upper
95 100
174 59.8 0.0 154.6
176 58.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 117 Resp: 98026
Ion Ratio Lower Upper
117 100
82 65.7 47.4 71.2
119 30.2 26.6 39.8

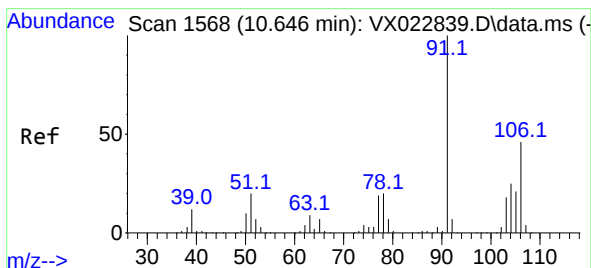
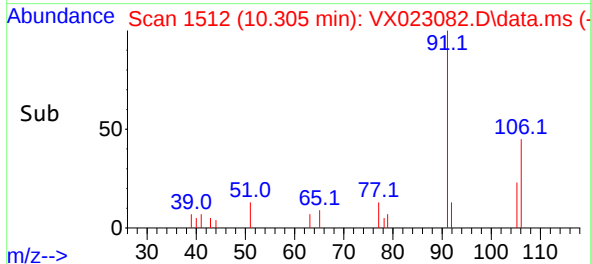
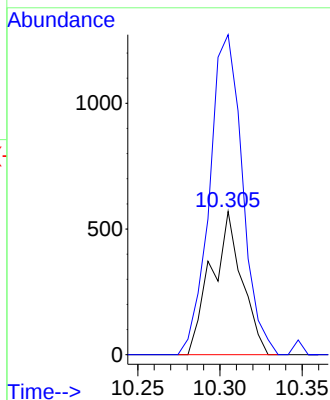
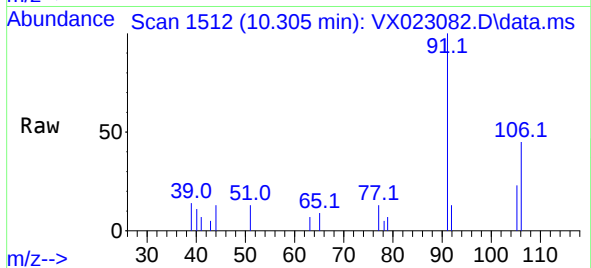




#68
m/p-Xylenes
Concen: 0.52 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

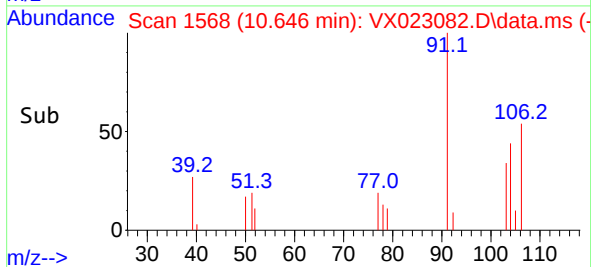
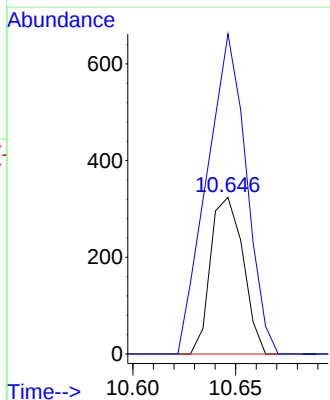
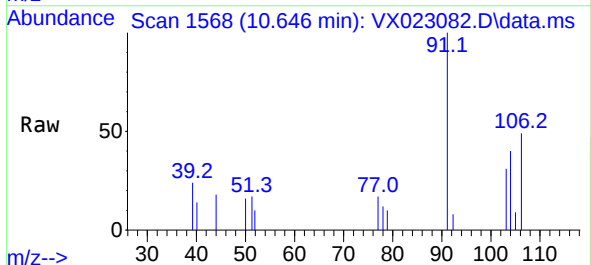
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

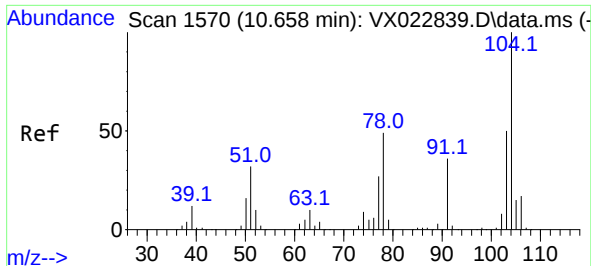
Tgt Ion:106 Resp: 739
Ion Ratio Lower Upper
106 100
91 240.1 162.8 244.2



#69
o-Xylene
Concen: 0.26 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion:106 Resp: 357
Ion Ratio Lower Upper
106 100
91 247.3 108.1 324.2

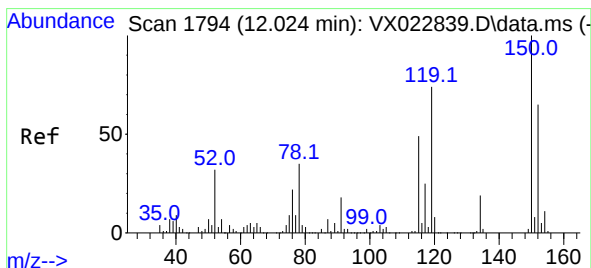
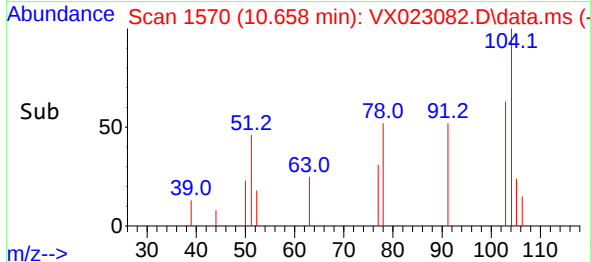
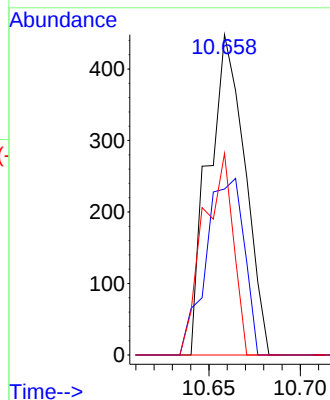
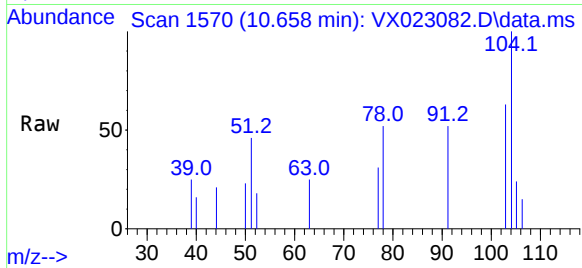




#70
Styrene
Concen: 0.27 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

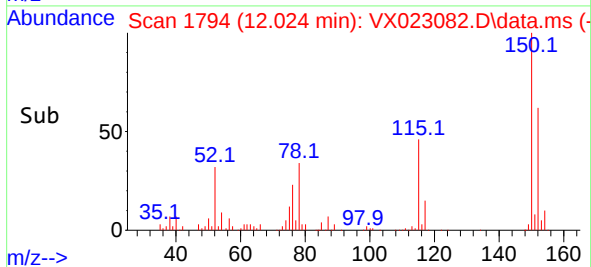
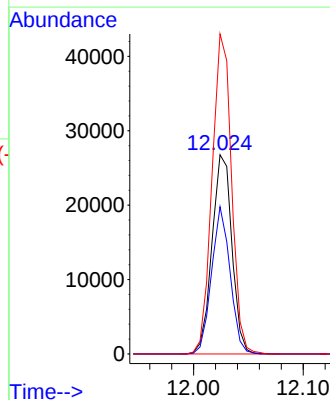
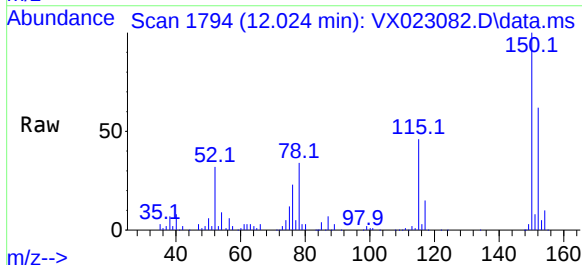
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

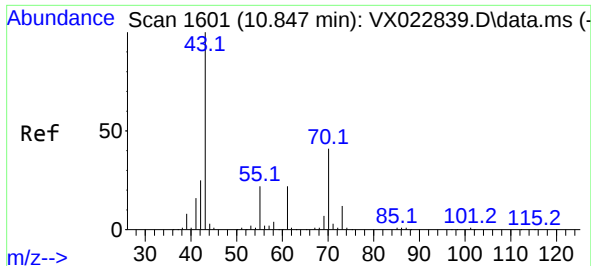
Tgt Ion:104	Resp:	621
Ion	Ratio	Lower Upper
104	100	
78	57.8	40.0 60.0
103	51.5	43.4 65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion:152	Resp:	33875
Ion	Ratio	Lower Upper
152	100	
115	68.6	41.1 123.3
150	156.7	0.0 349.0



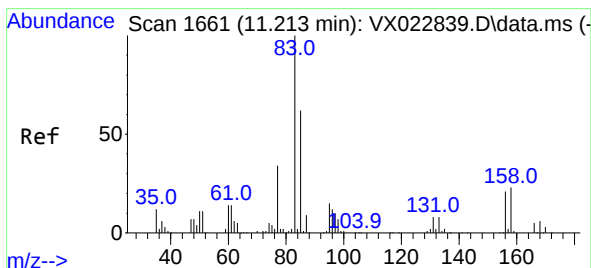
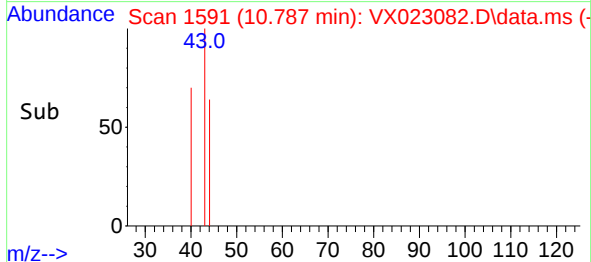
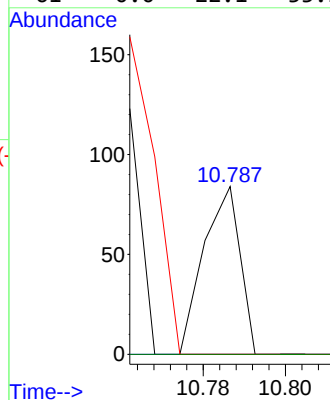
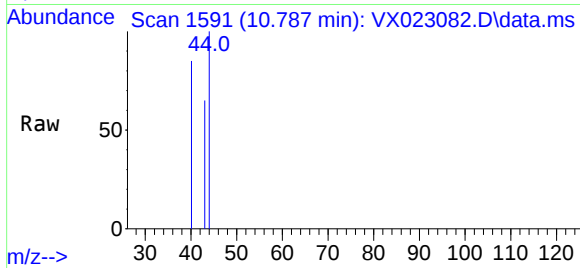


#74
N-amy1 acetate
Concen: 2.09 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. -0.060 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

Tgt Ion: 43 Resp: 52

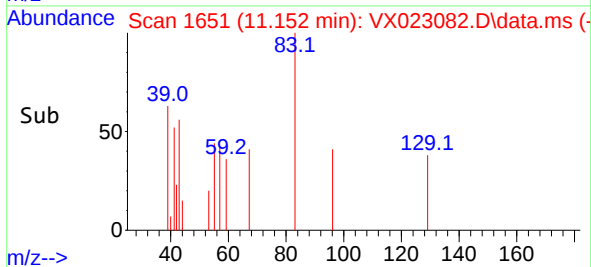
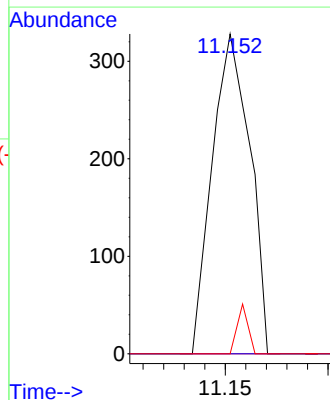
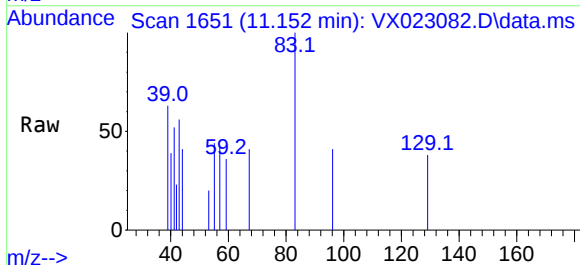
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

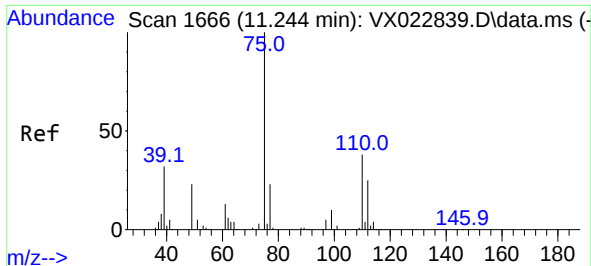


#75
1,1,2,2-Tetrachloroethane
Concen: 0.42 ug/l
RT: 11.152 min Scan# 1651
Delta R.T. -0.061 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 83 Resp: 418

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	4.5	31.8	95.4#

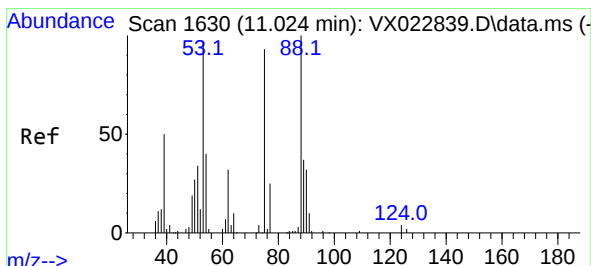
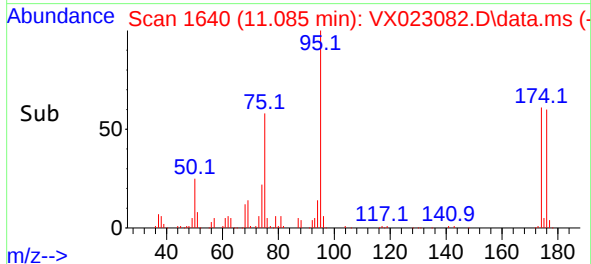
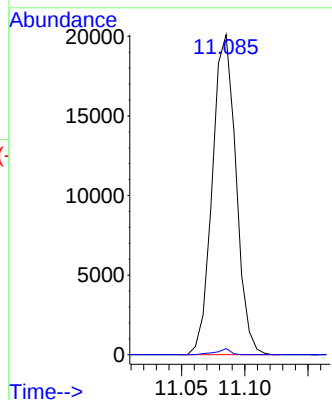
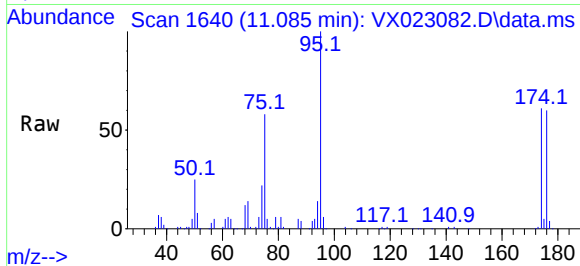




#76
1,2,3-Trichloropropane
Concen: 29.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

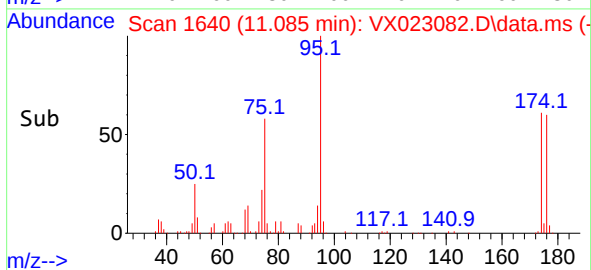
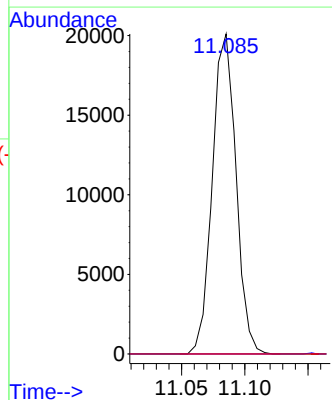
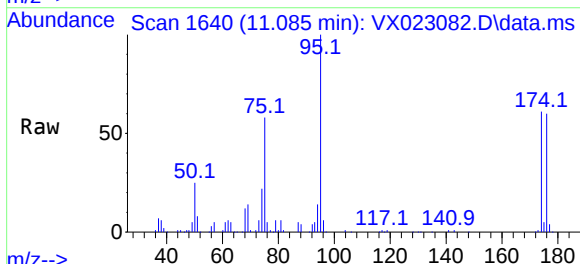
Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

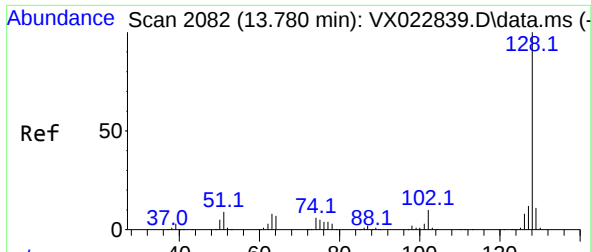
Tgt Ion: 75 Resp: 26143
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Tgt Ion: 75 Resp: 26143
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.52 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023082.D
Acq: 01 Jul 2021 14:05

Instrument :
MSVOA_X
ClientSampleId :
DRIP-COMP-AUD-1121-1122DL

Tgt Ion:128 Resp: 1727
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 11.5 8.8 13.2

