

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036832.D
 Acq On : 07 Aug 2023 13:06
 Operator : JC/MD
 Sample : 03899-03
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15017

Quant Time: Aug 08 01:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	128929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87540	45.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.385	113	68788	43.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.880%
50) Toluene-d8	8.647	98	280152	49.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.085	95	119596	56.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.880%

Target Compounds					Qvalue	
5) Bromomethane	1.599	94	460	0.489	ug/l	85
11) Tert butyl alcohol	2.947	59	10192	22.567	ug/l #	86
13) Acrolein	2.264	56	318	1.234	ug/l #	66
16) Acetone	2.435	43	159242	201.159	ug/l	91
17) Carbon Disulfide	2.459	76	1453	0.365	ug/l #	94
18) Methyl Acetate	2.435	43	151911	45.616	ug/l #	53
20) Methylene Chloride	2.776	84	1911	1.085	ug/l #	79
25) 2-Butanone	4.617	43	9569	7.450	ug/l	91
31) Cyclohexane	5.477	56	64176	24.297	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	10650	4.512	ug/l #	50
37) Ethyl Acetate	4.617	43	9569	3.582	ug/l #	69
38) Carbon Tetrachloride	5.544	117	13561	5.404	ug/l #	15
39) Methylcyclohexane	7.373	83	37610	12.814	ug/l	95
41) Methacrylonitrile	5.093	41	6574	4.601	ug/l #	55
43) Isopropyl Acetate	6.172	43	31556	6.862	ug/l #	62
45) 1,2-Dichloropropane	7.373	63	421	0.230	ug/l #	1
48) Methyl methacrylate	7.708	41	10661	4.985	ug/l #	71
51) 4-Methyl-2-Pentanone	8.592	43	34921	13.721	ug/l	90
52) Toluene	8.720	92	1463361	340.062	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	17464	5.866	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	19997	11.055	ug/l #	21
56) Ethyl methacrylate	9.098	69	5740	1.949	ug/l #	26
59) 2-Hexanone	9.385	43	17872	9.462	ug/l #	32
60) Dibromochloromethane	9.275	129	1468880	738.809	ug/l #	11
64) Tetrachloroethene	9.275	164	1490900	894.099	ug/l	98
67) Ethyl Benzene	10.195	91	108737	12.079	ug/l	100
68) m/p-Xylenes	10.299	106	111580	33.220	ug/l	97
69) o-Xylene	10.640	106	72323	21.571	ug/l	100
70) Styrene	10.646	104	4465	0.807	ug/l #	1
73) Isopropylbenzene	10.964	105	37105	3.742	ug/l	100
74) N-amyl acetate	10.860	43	26784	5.792	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	13275	3.963	ug/l #	26
76) 1,2,3-Trichloropropane	11.378	75	4587	1.627	ug/l #	1
77) Bromobenzene	11.256	156	1539	0.681	ug/l #	1
78) n-propylbenzene	11.305	91	159308	13.891	ug/l	99
79) 2-Chlorotoluene	11.451	91	18885	2.717	ug/l	92

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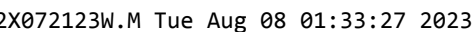
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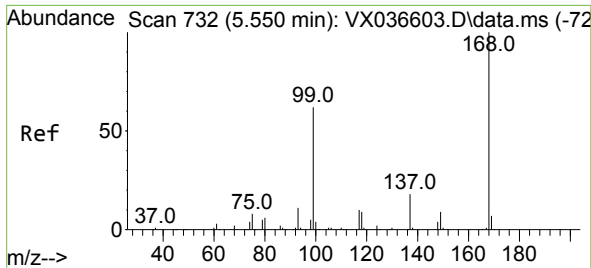
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	11.451	105	155996	18.804	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	59478	47.831	ug/l #	5
82) 4-Chlorotoluene	11.451	91	18885	2.385	ug/l	82
83) tert-Butylbenzene	11.756	119	60747	7.454	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.756	105	500009	60.266	ug/l	95
85) sec-Butylbenzene	11.890	105	71844	7.069	ug/l	84
86) p-Isopropyltoluene	12.012	119	205717	24.598	ug/l	98
89) n-Butylbenzene	12.329	91	188652	25.198	ug/l #	53
90) Hexachloroethane	12.530	117	17130	10.103	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.927	75	1009	1.296	ug/l #	9
95) Naphthalene	13.774	128	76068	8.778	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.975	180	8611	3.513	ug/l #	1

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

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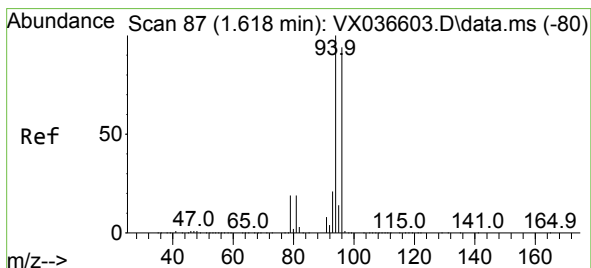
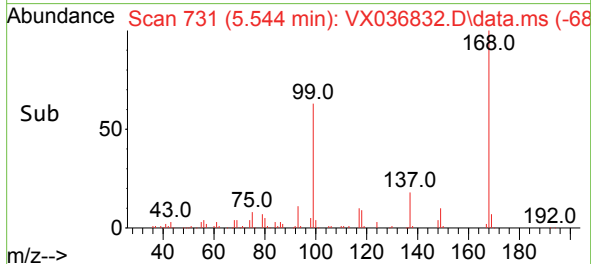
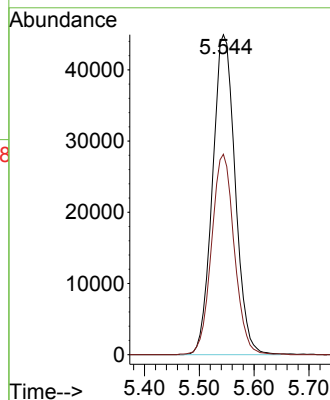
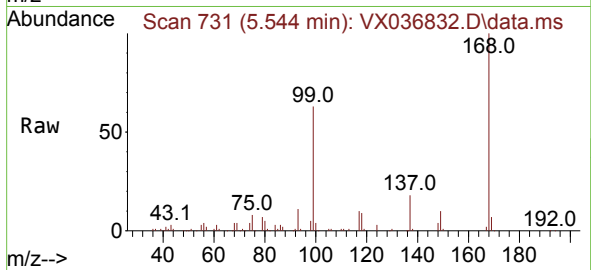




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036832.D
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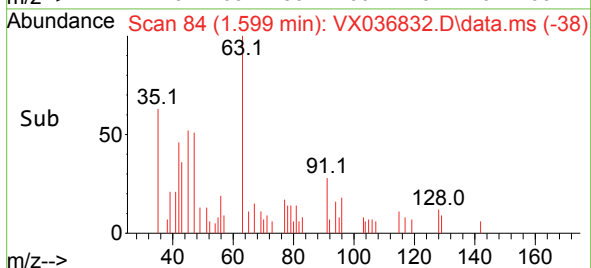
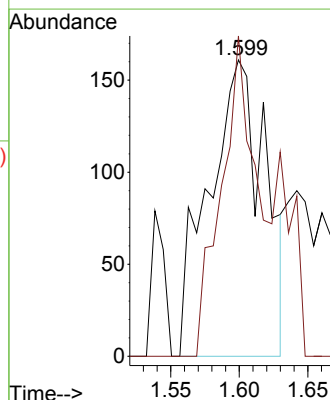
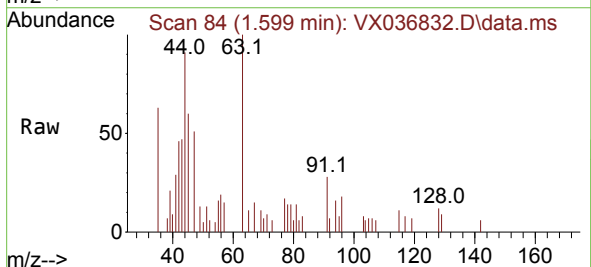
Instrument :
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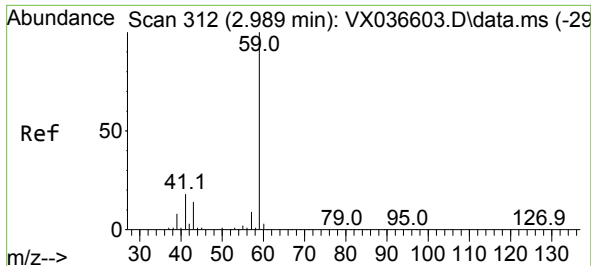
Tgt Ion:168 Resp: 128929
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#5
Bromomethane
Concen: 0.489 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 108.1 74.6 111.8

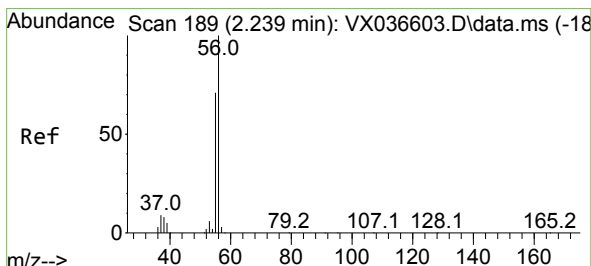
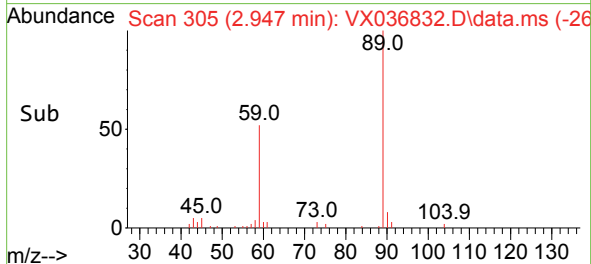
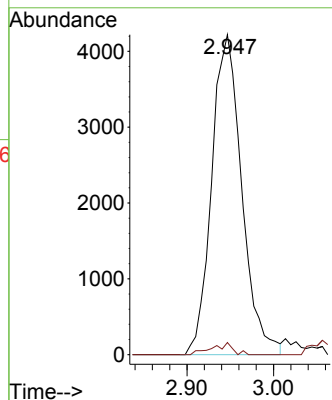
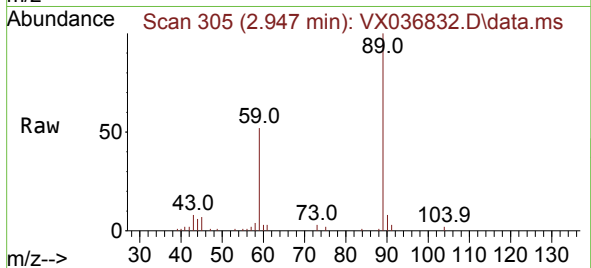




#11
Tert butyl alcohol
Concen: 22.567 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

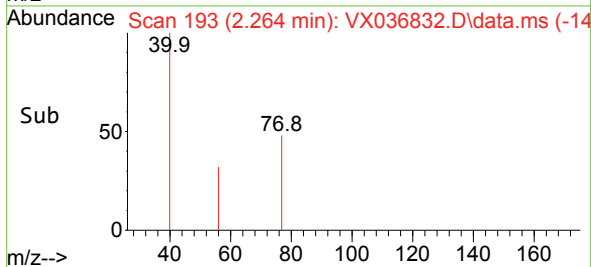
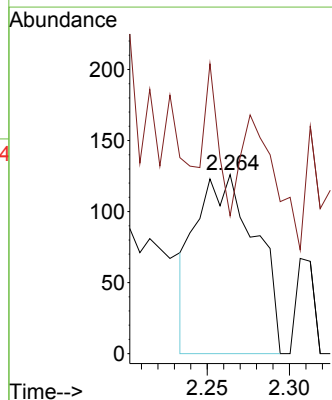
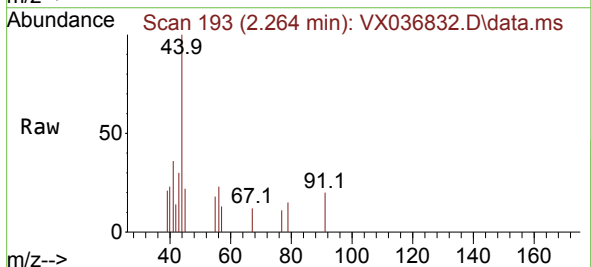
Instrument :
MSVOA_X
ClientSampleId :
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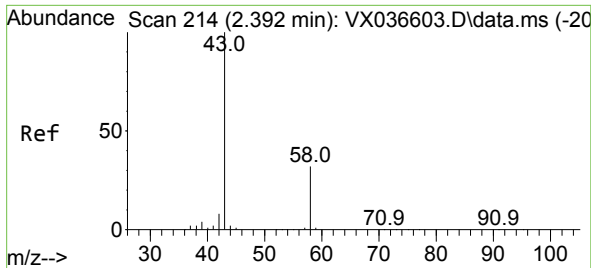
Tgt Ion: 59 Resp: 10192
Ion Ratio Lower Upper
59 100
57 2.6 6.0 9.0#



#13
Acrolein
Concen: 1.234 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 43.4 57.1 85.7#

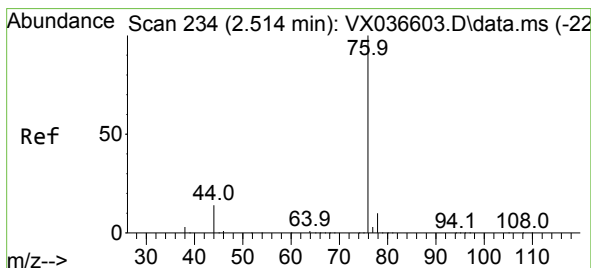
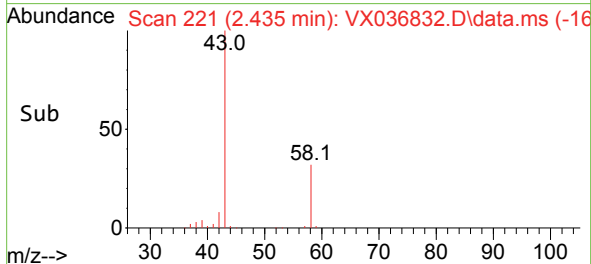
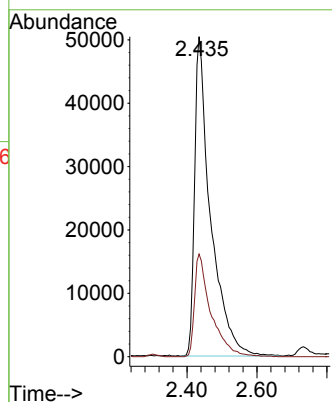
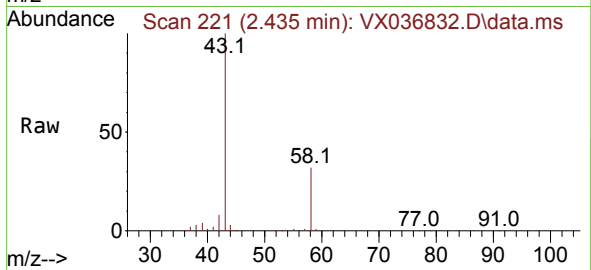




#16
Acetone
Concen: 201.159 ug/l
RT: 2.435 min Scan# 214
Delta R.T. 0.043 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

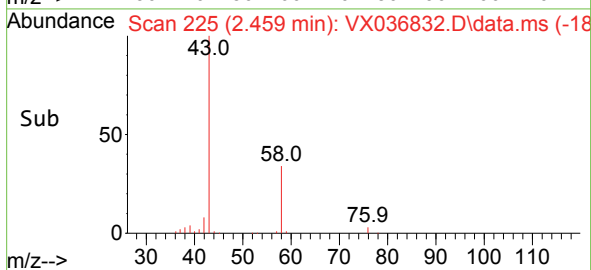
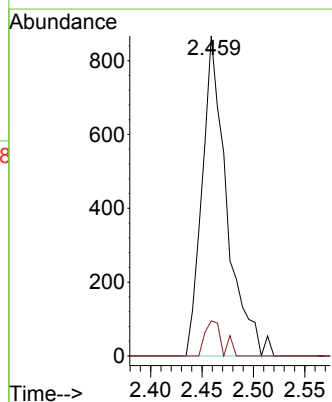
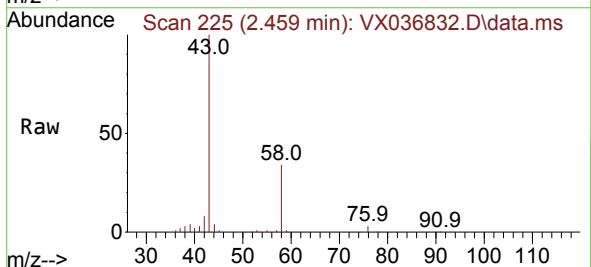
Instrument :
MSVOA_X
ClientSampleId :
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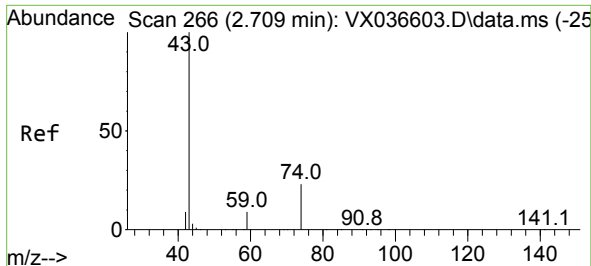
Tgt Ion: 43 Resp: 159242
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.055 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 76 Resp: 1453
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.6#

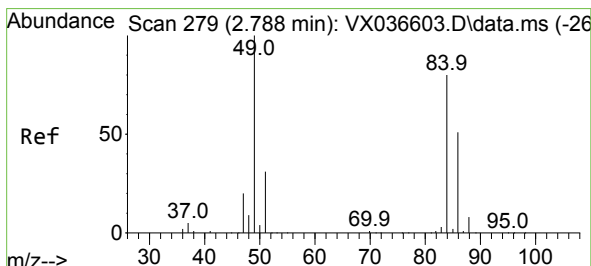
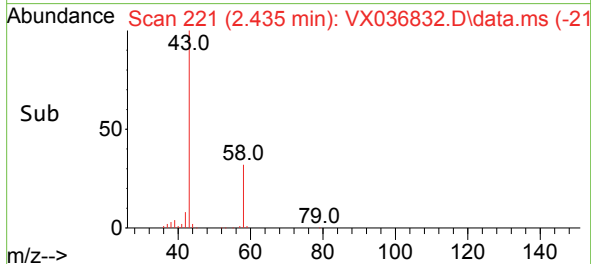
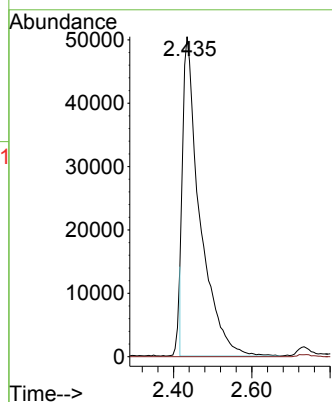
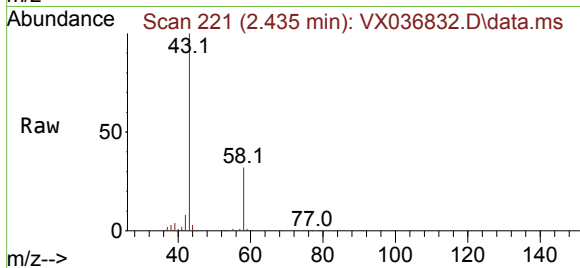




#18
Methyl Acetate
Concen: 45.616 ug/l
RT: 2.435 min Scan# 211
Delta R.T. -0.274 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

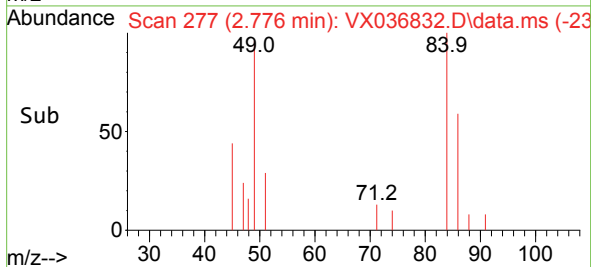
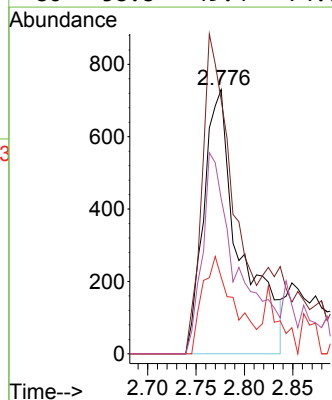
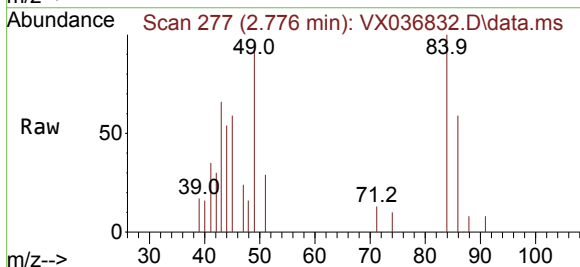
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ClientSampleId :
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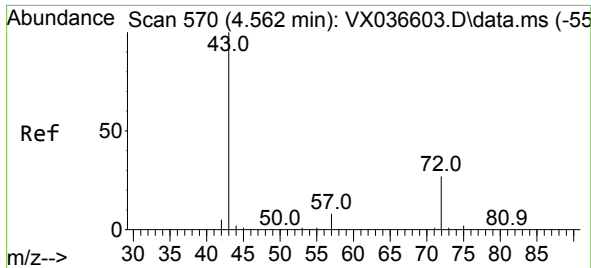
Tgt Ion: 43 Resp: 151911
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 84 Resp: 1911
Ion Ratio Lower Upper
84 100
49 96.2 103.6 155.4#
51 29.0 33.8 50.6#
86 58.8 49.4 74.0

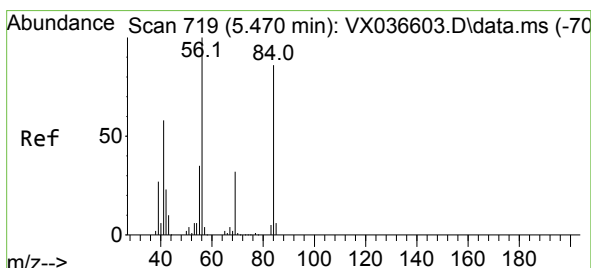
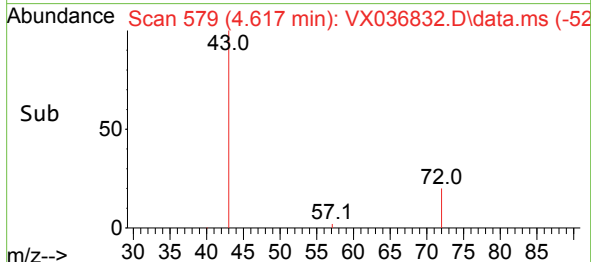
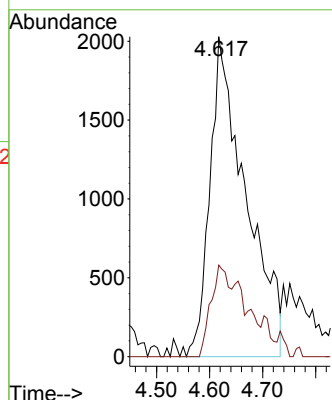
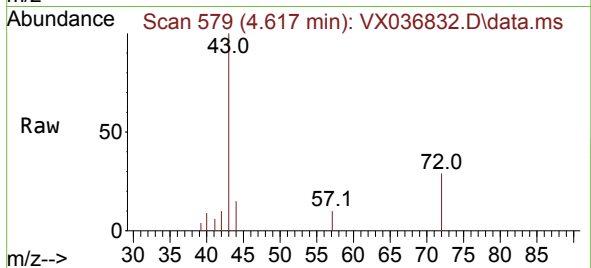




#25
2-Butanone
Concen: 7.450 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

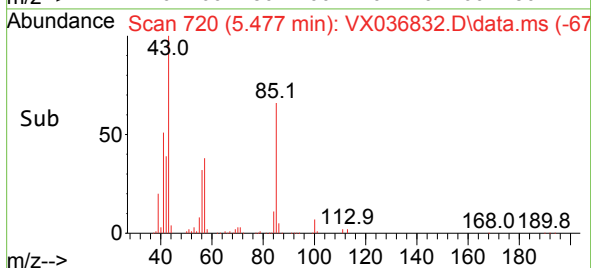
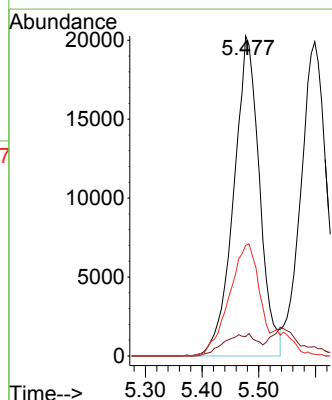
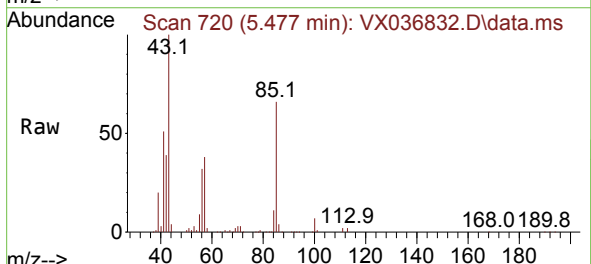
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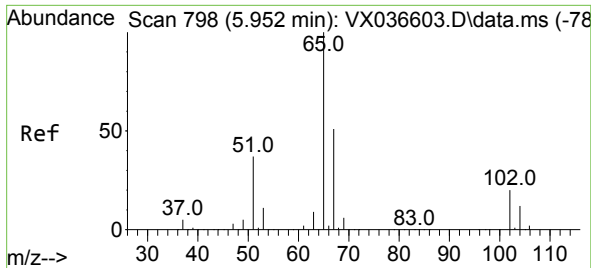
Tgt Ion: 43 Resp: 9569
Ion Ratio Lower Upper
43 100
72 28.6 19.4 29.2



#31
Cyclohexane
Concen: 24.297 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 56 Resp: 64176
Ion Ratio Lower Upper
56 100
69 6.1 23.4 35.2#
84 34.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.888 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

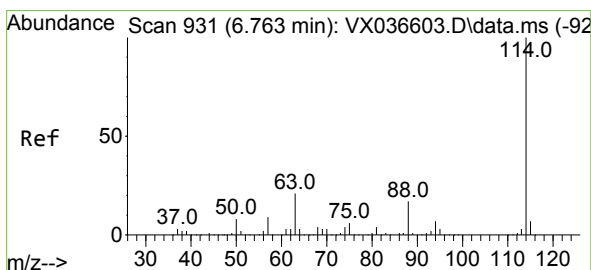
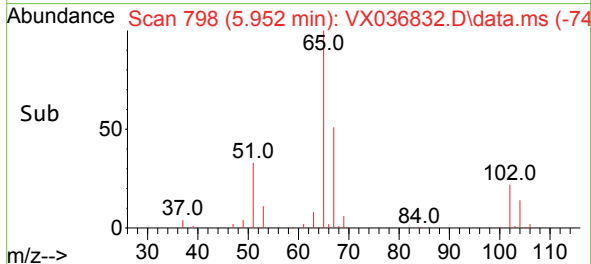
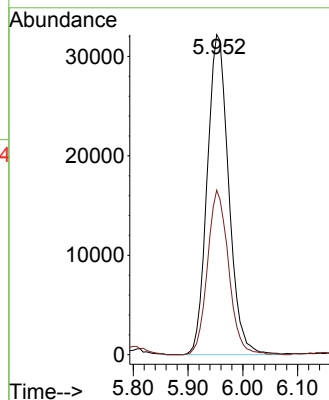
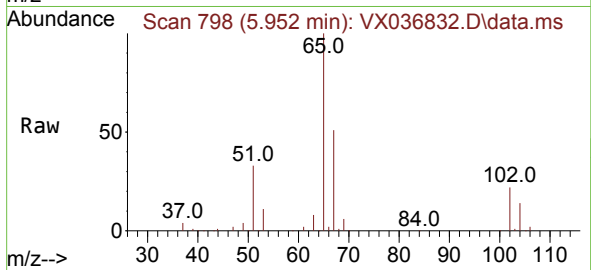
15017

Tgt Ion: 65 Resp: 87540

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

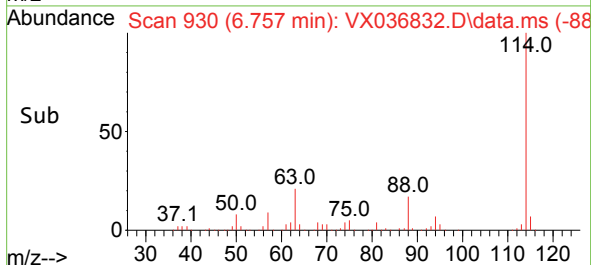
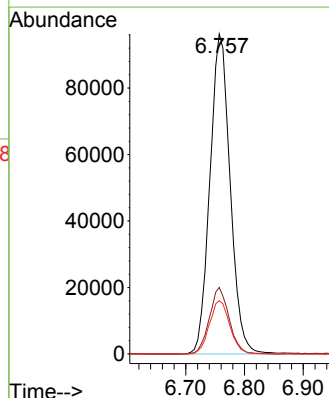
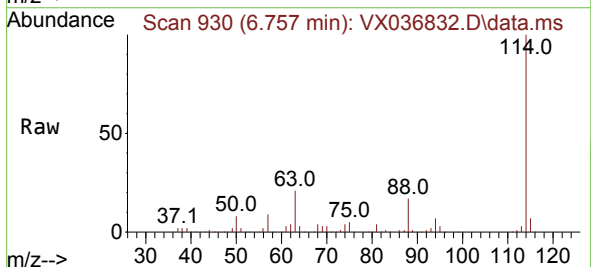
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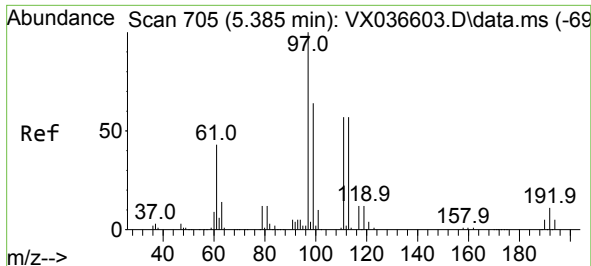
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.6 0.0 36.6

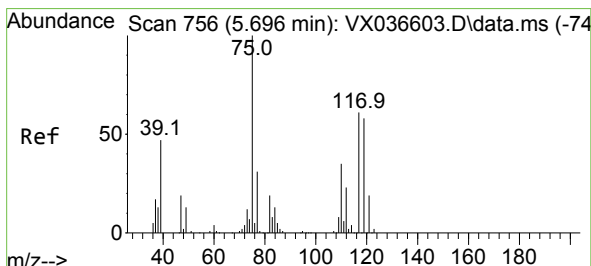
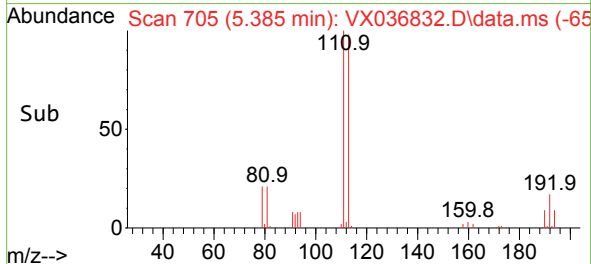
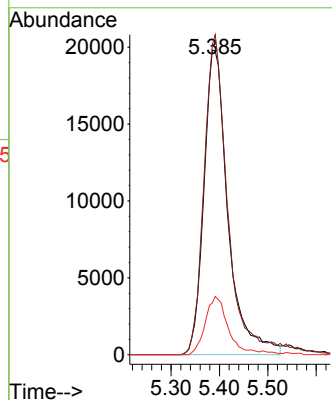
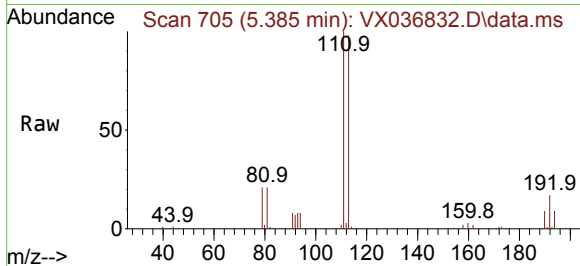




#35
Dibromofluoromethane
Concen: 43.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

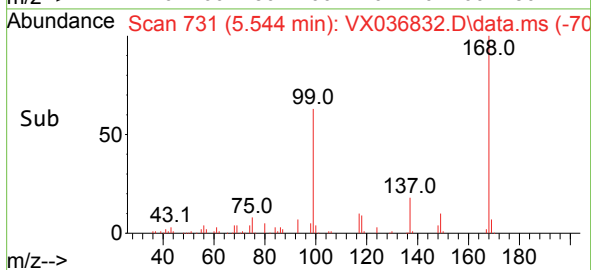
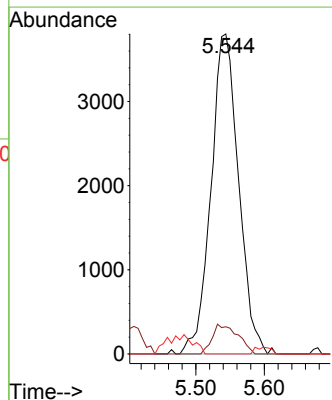
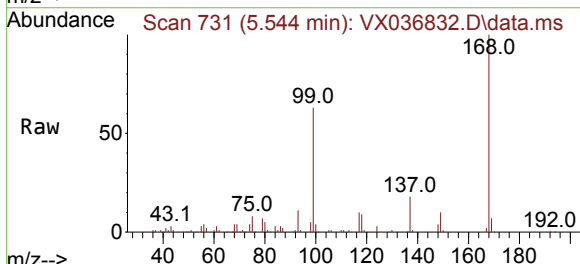
Instrument :
MSVOA_X
ClientSampleId :
15017

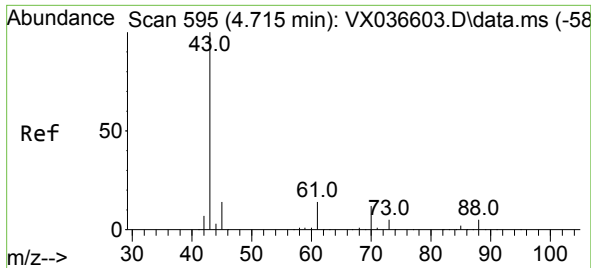
Tgt Ion:113 Resp: 68788
Ion Ratio Lower Upper
113 100
111 105.4 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 75 Resp: 10650
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.582 ug/l

RT: 4.617 min Scan# 51

Delta R.T. -0.097 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

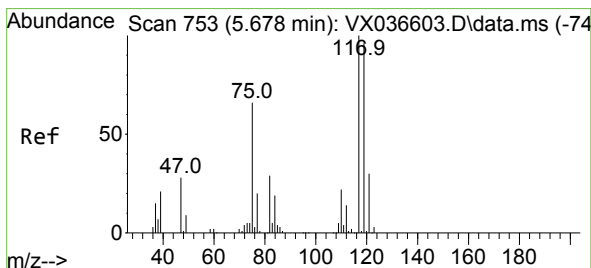
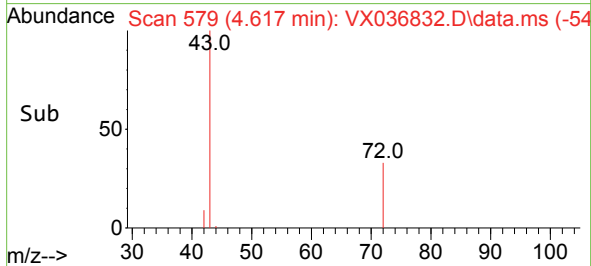
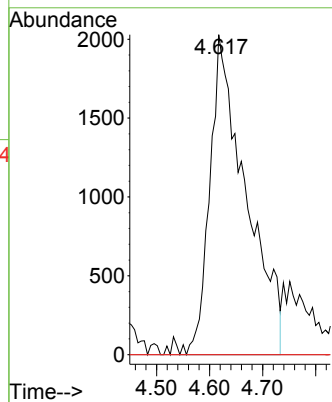
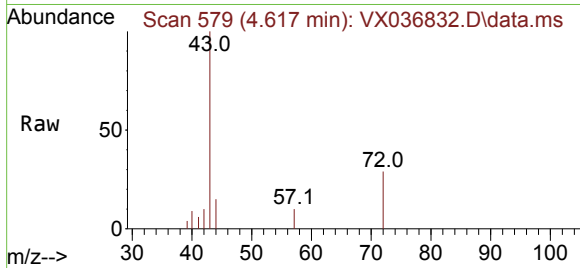
Tgt Ion: 43 Resp: 9569

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.404 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

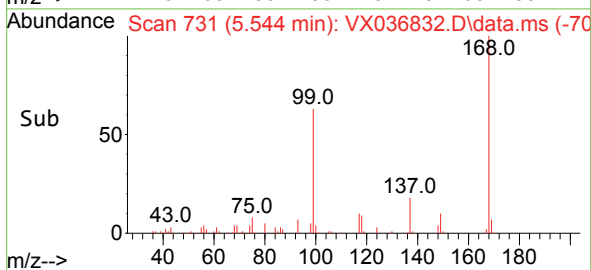
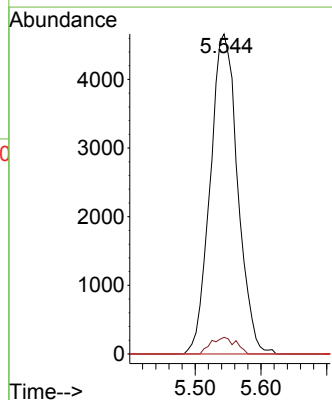
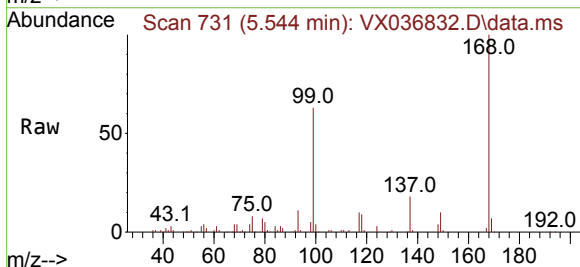
Tgt Ion: 117 Resp: 13561

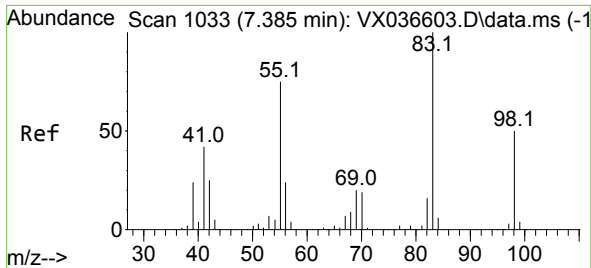
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#

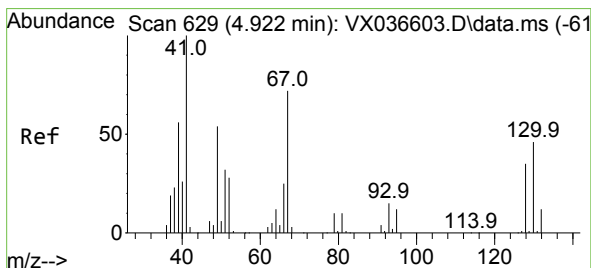
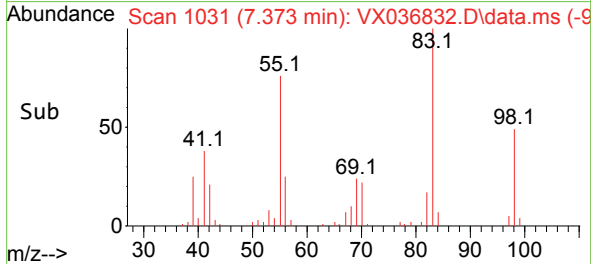
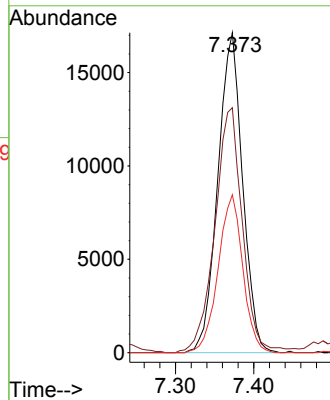
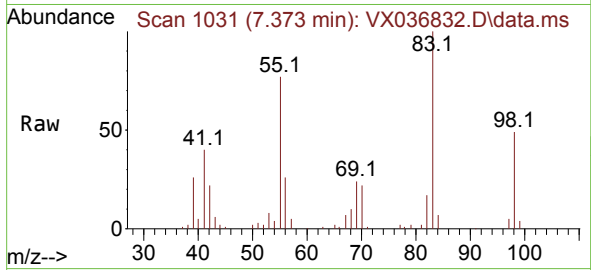




#39
Methylcyclohexane
Concen: 12.814 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

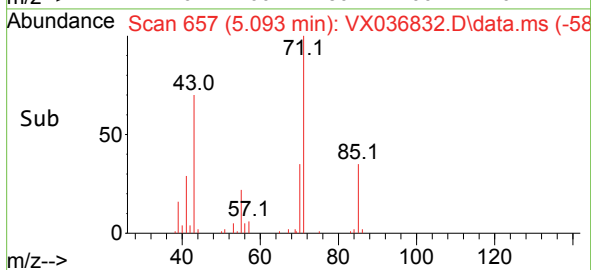
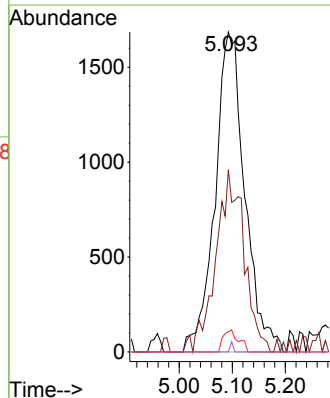
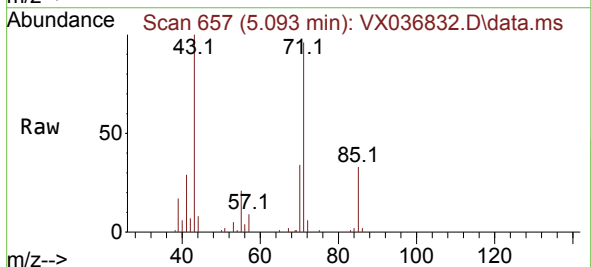
Instrument :
MSVOA_X
ClientSampleId :
15017

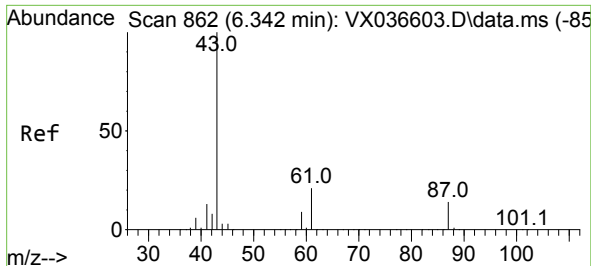
Tgt Ion: 83 Resp: 37610
Ion Ratio Lower Upper
83 100
55 75.9 64.6 97.0
98 49.3 36.7 55.1



#41
Methacrylonitrile
Concen: 4.601 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.171 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 41 Resp: 6574
Ion Ratio Lower Upper
41 100
39 54.1 45.2 67.8
67 3.5 52.6 78.8#
52 0.3 22.7 34.1#

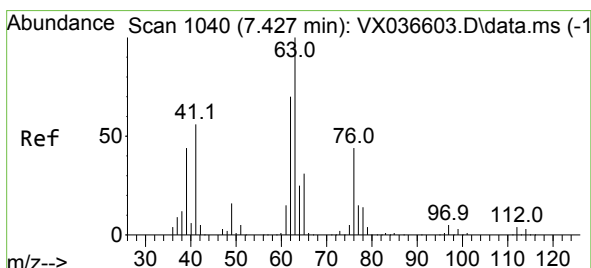
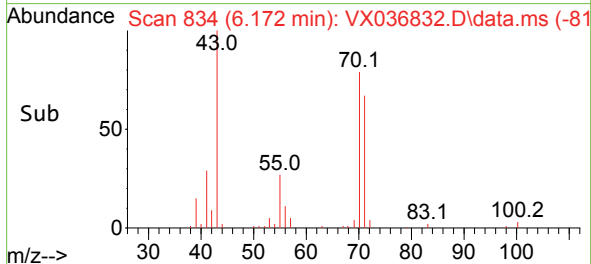
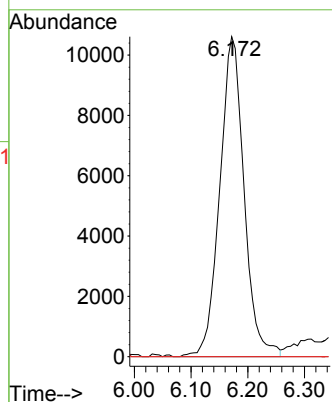
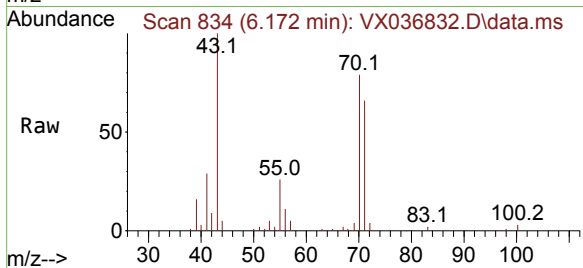




#43
Isopropyl Acetate
Concen: 6.862 ug/l
RT: 6.172 min Scan# 81
Delta R.T. -0.171 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

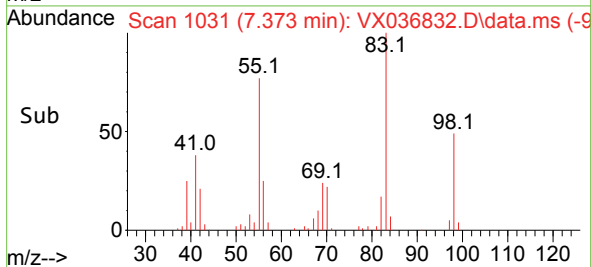
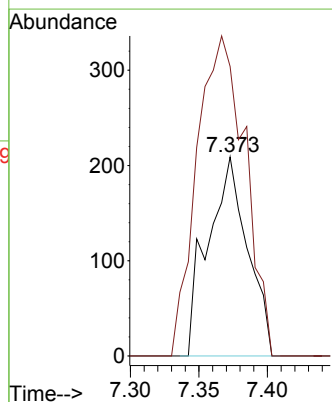
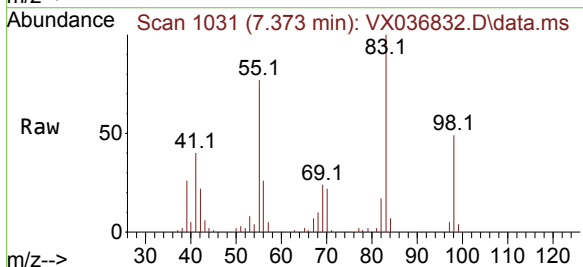
Instrument :
MSVOA_X
ClientSampleId :
15017

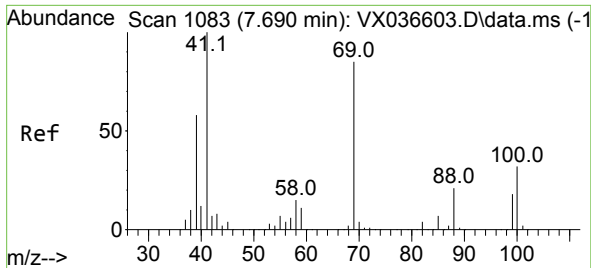
Tgt Ion: 43 Resp: 31556
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.230 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.055 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 63 Resp: 421
Ion Ratio Lower Upper
63 100
65 145.5 24.3 36.5#





#48

Methyl methacrylate

Concen: 4.985 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

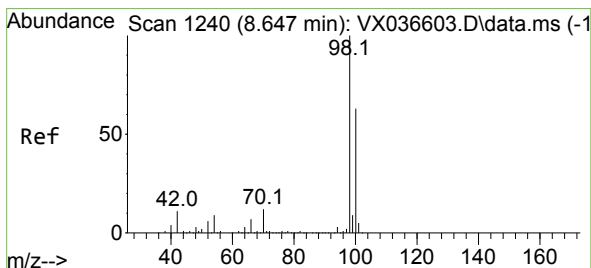
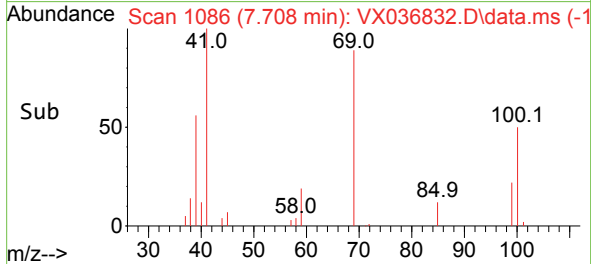
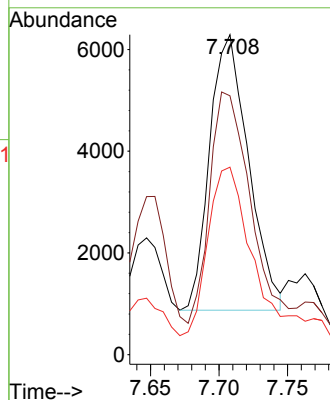
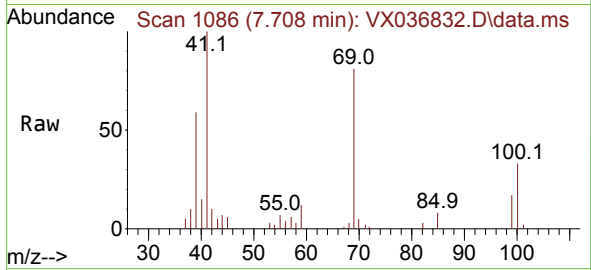
Tgt Ion: 41 Resp: 10661

Ion Ratio Lower Upper

41 100

69 86.9 59.2 88.8

39 93.6 47.7 71.5#



#50

Toluene-d8

Concen: 49.884 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036832.D

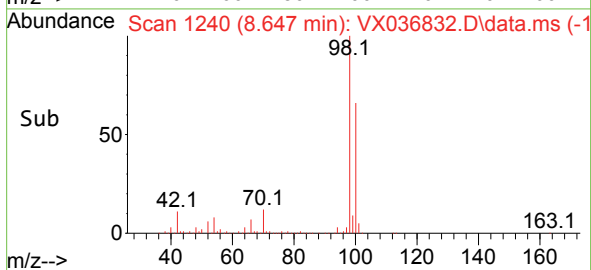
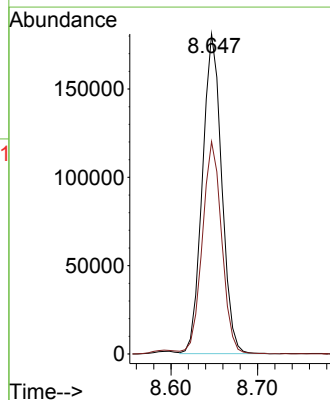
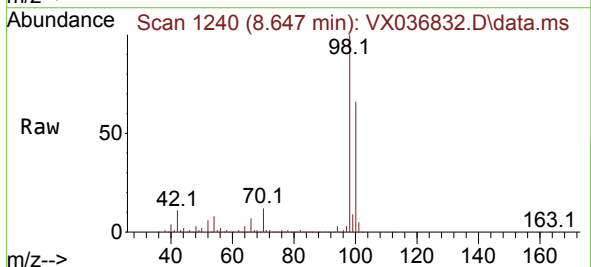
Acq: 07 Aug 2023 13:06

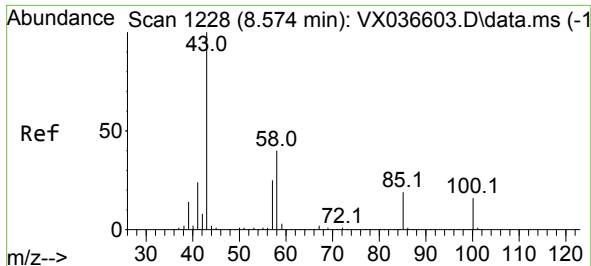
Tgt Ion: 98 Resp: 280152

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 13.721 ug/l

RT: 8.592 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

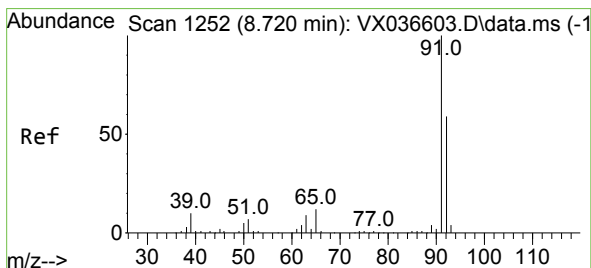
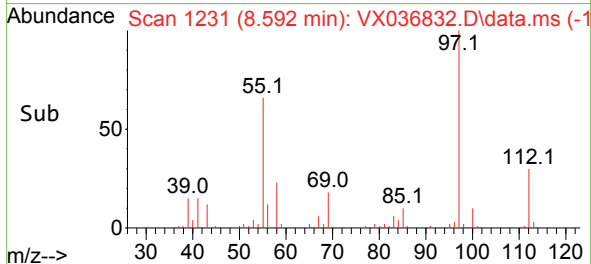
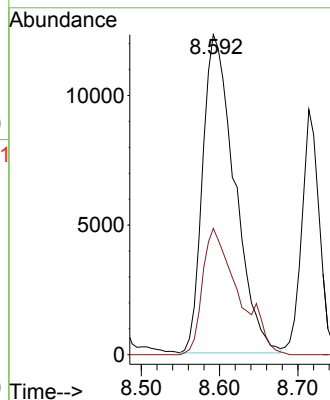
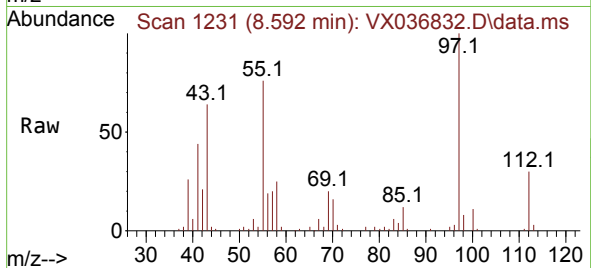
15017

Tgt Ion: 43 Resp: 34921

Ion Ratio Lower Upper

43 100

58 44.3 30.4 45.6



#52

Toluene

Concen: 340.062 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036832.D

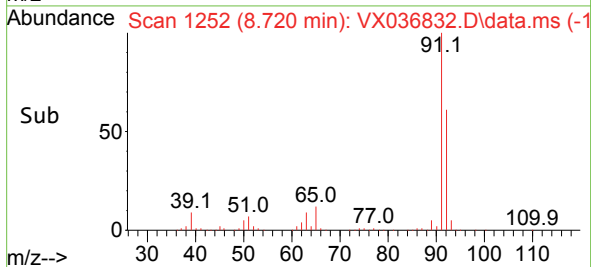
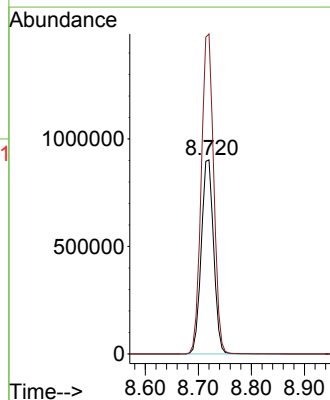
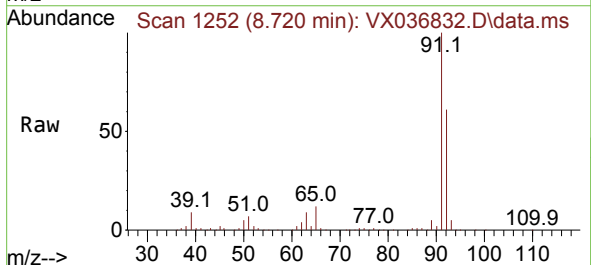
Acq: 07 Aug 2023 13:06

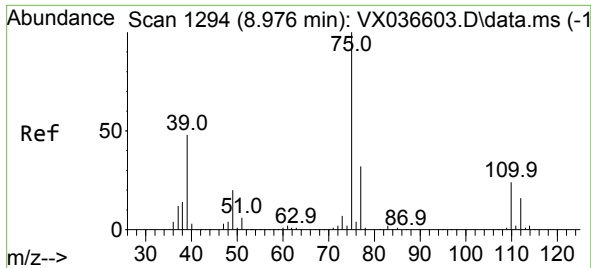
Tgt Ion: 92 Resp: 1463361

Ion Ratio Lower Upper

92 100

91 166.5 134.2 201.2

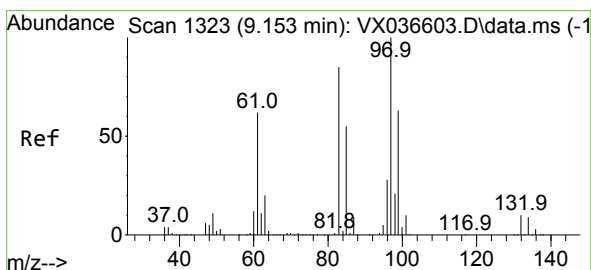
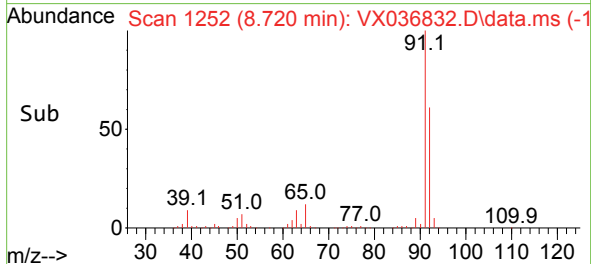
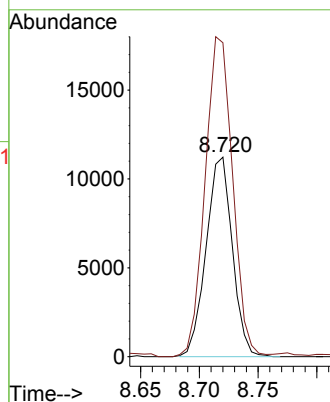
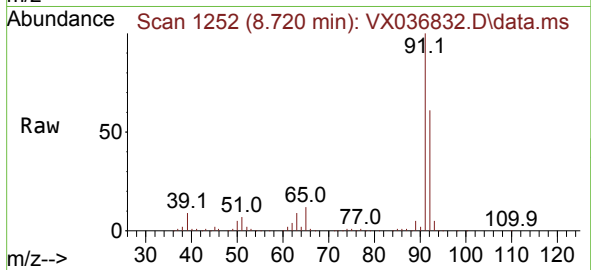




#53
t-1,3-Dichloropropene
Concen: 5.866 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

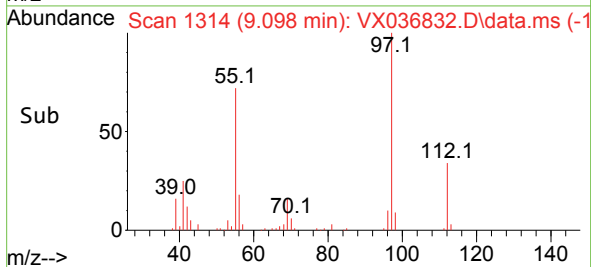
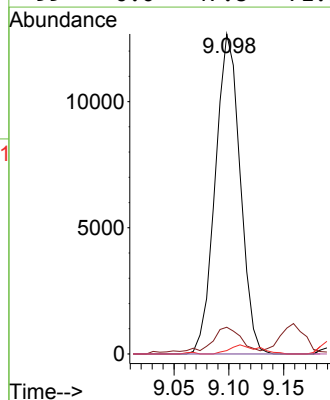
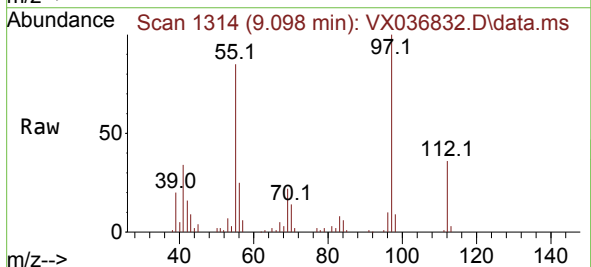
Instrument :
MSVOA_X
ClientSampleId :
15017

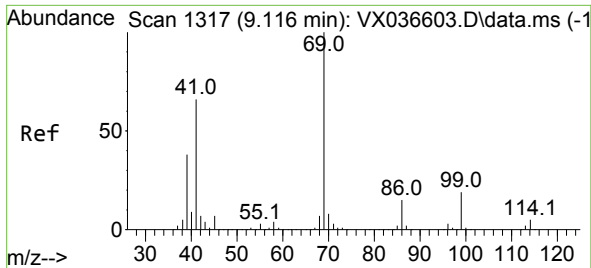
Tgt Ion: 75 Resp: 17464
Ion Ratio Lower Upper
75 100
77 156.2 25.7 38.5#



#55
1,1,2-Trichloroethane
Concen: 11.055 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.055 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 97 Resp: 19997
Ion Ratio Lower Upper
97 100
83 7.5 65.8 98.8#
85 1.0 41.6 62.4#
99 0.0 47.8 71.8#

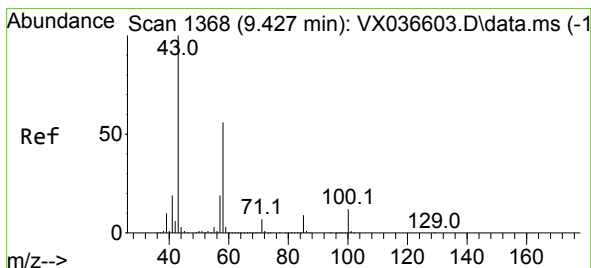
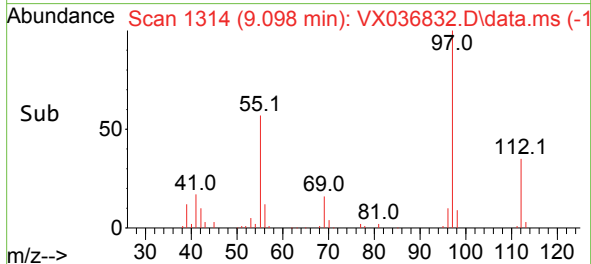
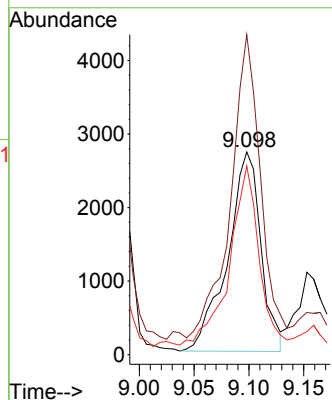
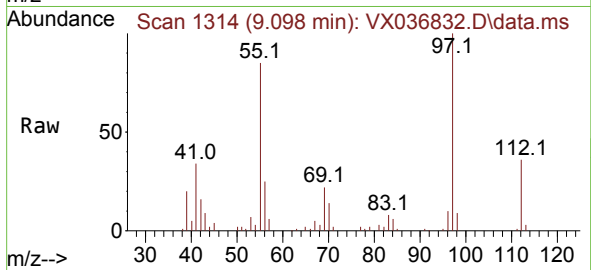




#56
Ethyl methacrylate
Concen: 1.949 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

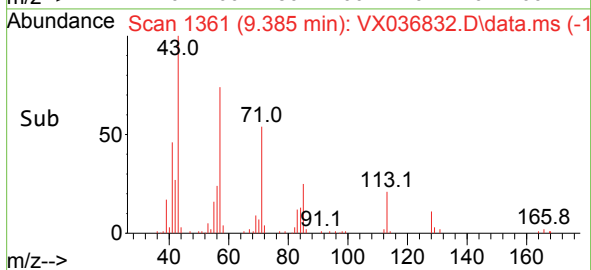
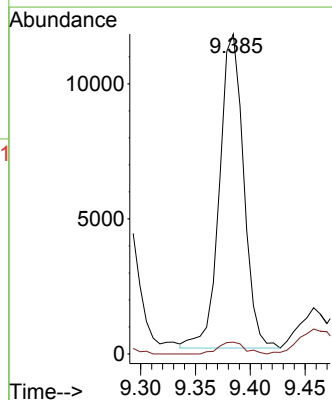
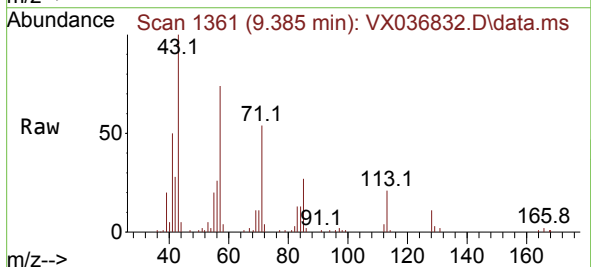
Instrument :
MSVOA_X
ClientSampleId :
15017

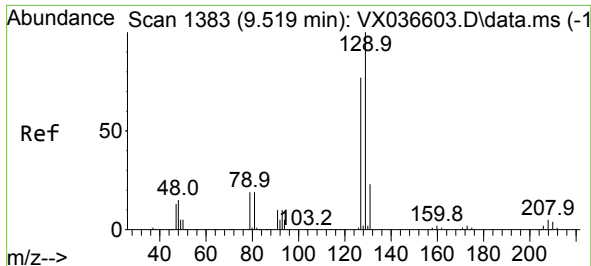
Tgt Ion: 69 Resp: 5740
Ion Ratio Lower Upper
69 100
41 137.4 56.8 85.2#
39 78.0 32.0 48.0#



#59
2-Hexanone
Concen: 9.462 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 43 Resp: 17872
Ion Ratio Lower Upper
43 100
58 4.1 26.2 78.5#

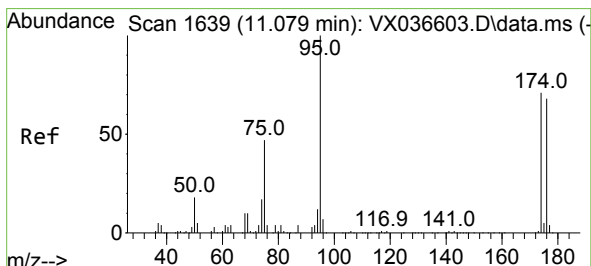
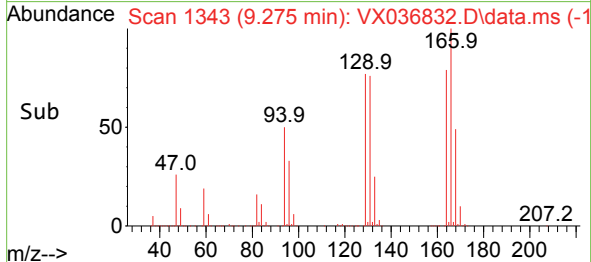
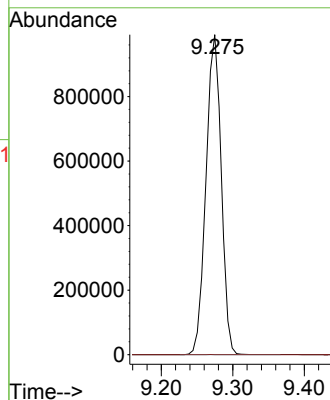
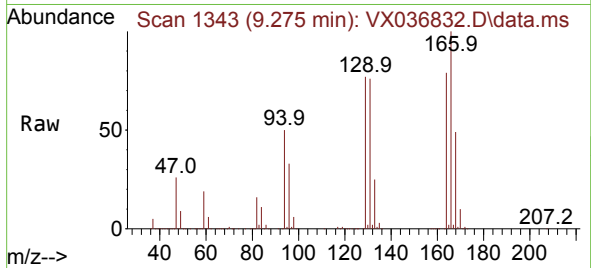




#60
 Dibromochloromethane
 Concen: 738.809 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX036832.D
 Acq: 07 Aug 2023 13:06

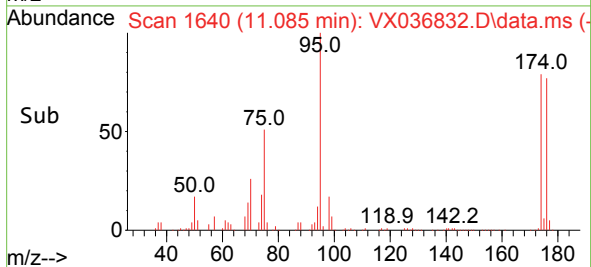
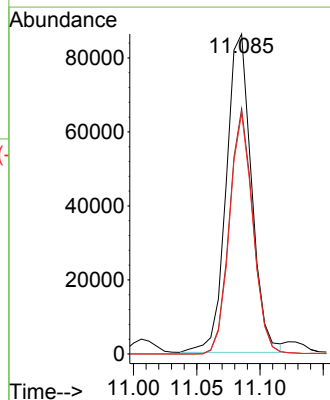
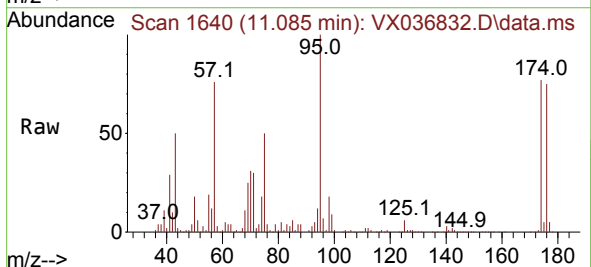
Instrument :
 MSVOA_X
 ClientSampleId :
 15017

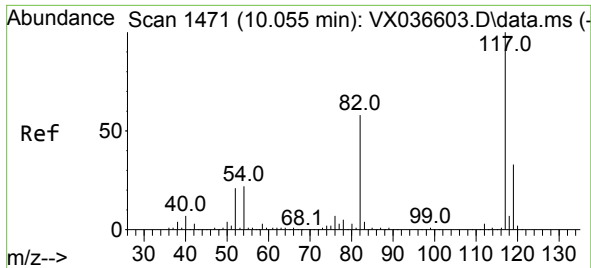
Tgt Ion:129 Resp: 1468880
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 56.443 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: VX036832.D
 Acq: 07 Aug 2023 13:06

Tgt Ion: 95 Resp: 119596
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 135.6
 176 70.1 0.0 131.0

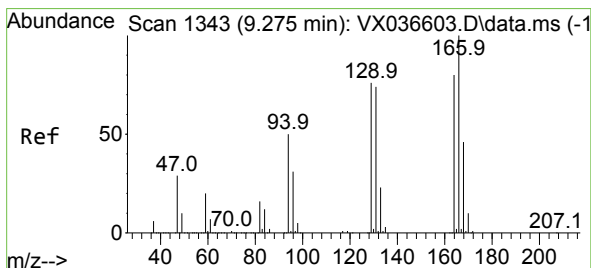
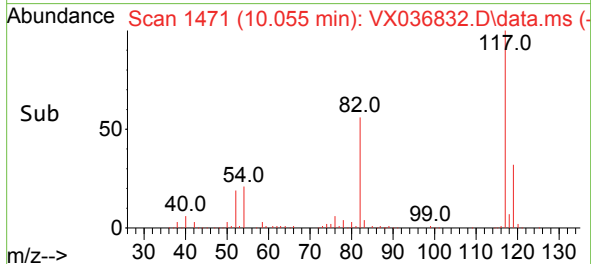
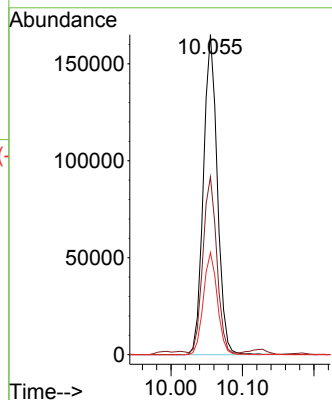
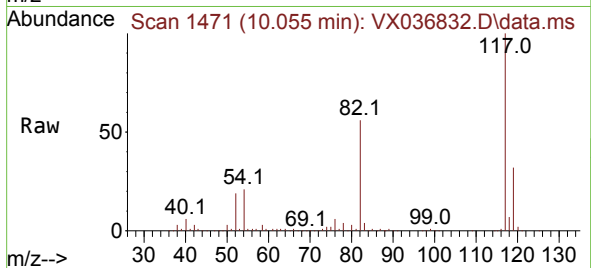




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

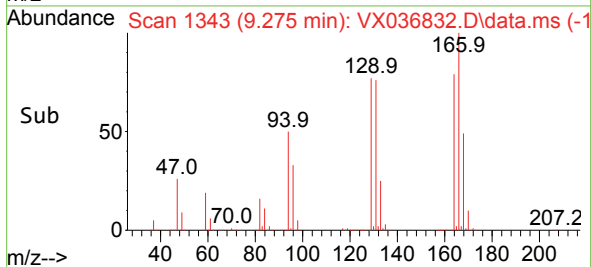
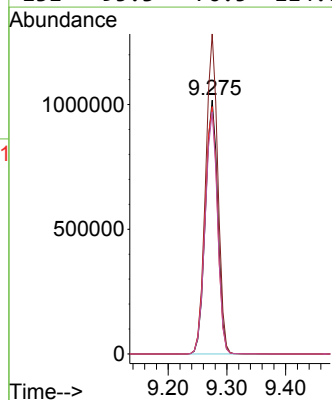
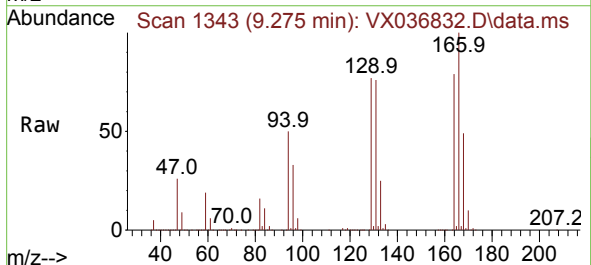
Instrument :
MSVOA_X
ClientSampleId :
15017

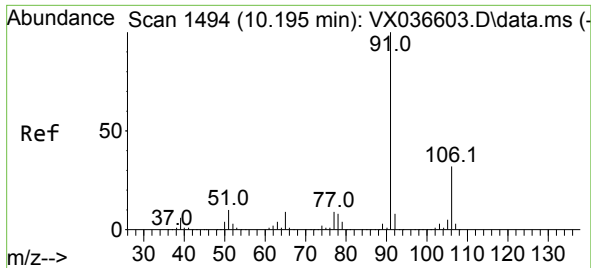
Tgt Ion:117 Resp: 223559
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 894.099 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion:164 Resp: 1490900
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 97.4 80.4 120.6
131 95.3 76.5 114.7

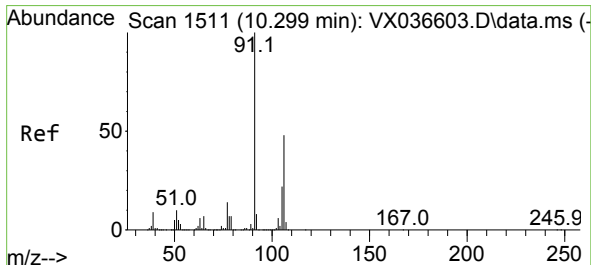
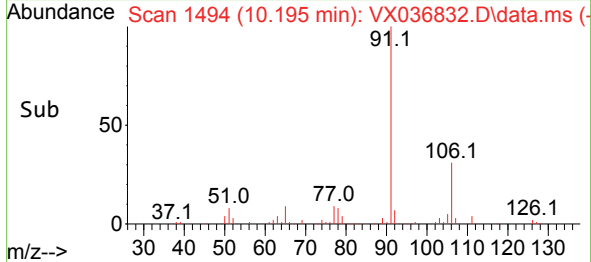
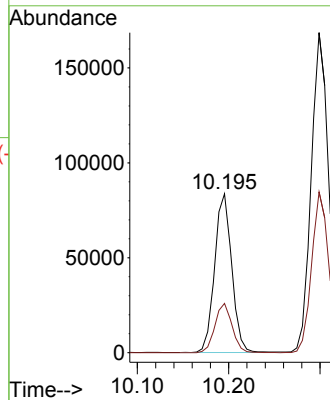
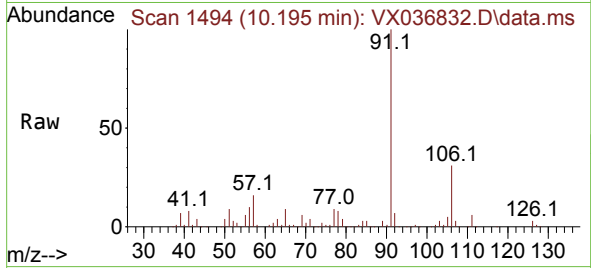




#67
Ethyl Benzene
Concen: 12.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

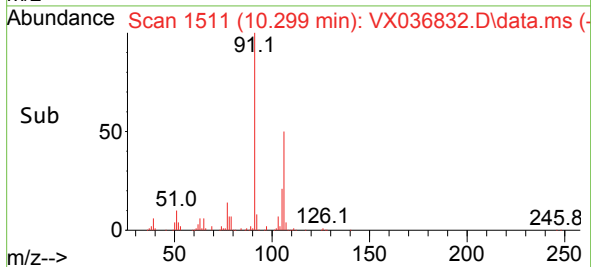
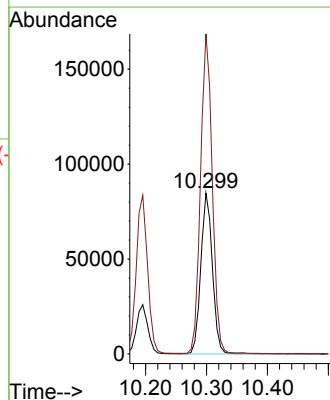
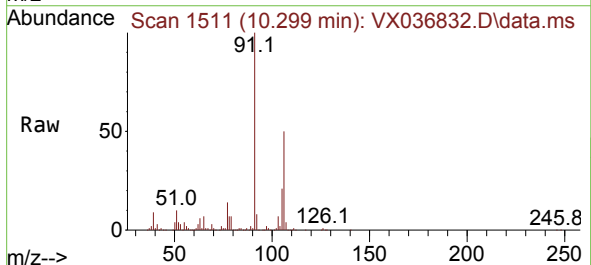
Instrument :
MSVOA_X
ClientSampleId :
15017

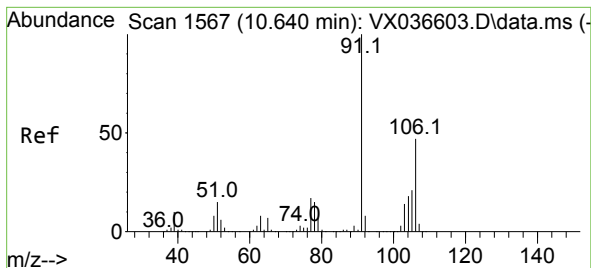
Tgt Ion: 91 Resp: 108737
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 33.220 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 106 Resp: 111580
Ion Ratio Lower Upper
106 100
91 202.1 165.5 248.3





#69

o-Xylene

Concen: 21.571 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

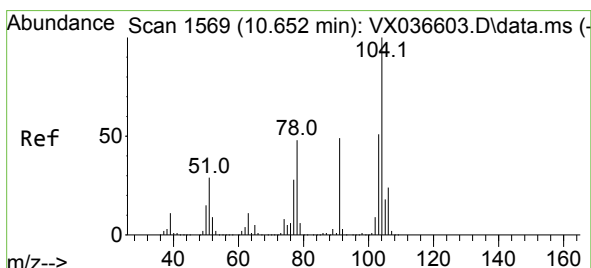
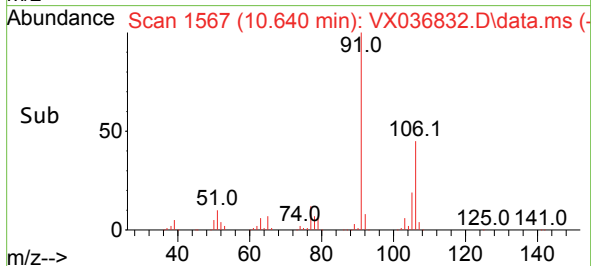
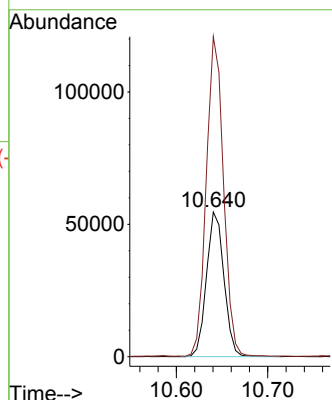
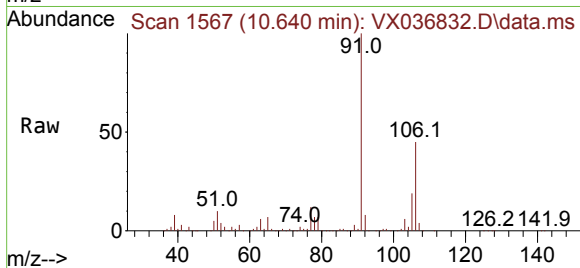
15017

Tgt Ion:106 Resp: 72323

Ion Ratio Lower Upper

106 100

91 217.8 108.9 326.8



#70

Styrene

Concen: 0.807 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

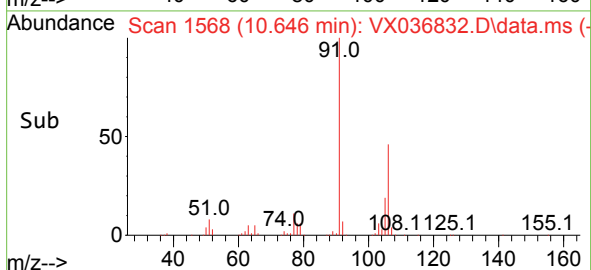
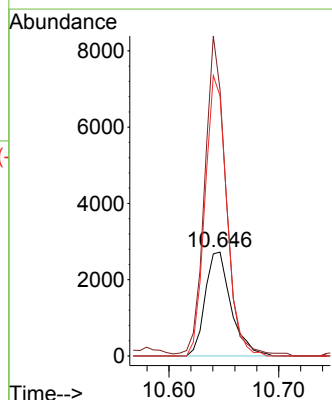
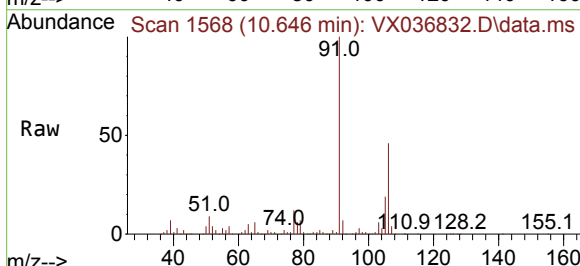
Tgt Ion:104 Resp: 4465

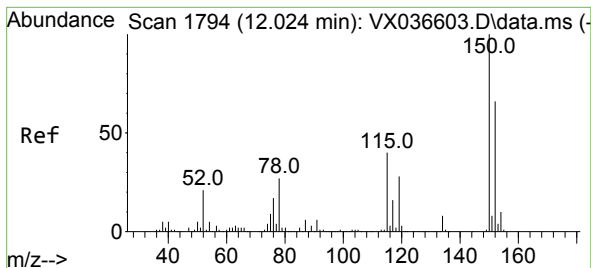
Ion Ratio Lower Upper

104 100

78 252.9 43.6 65.4#

103 228.6 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

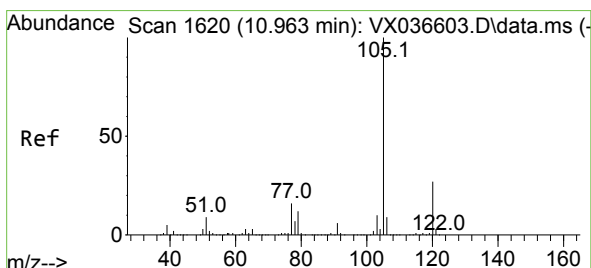
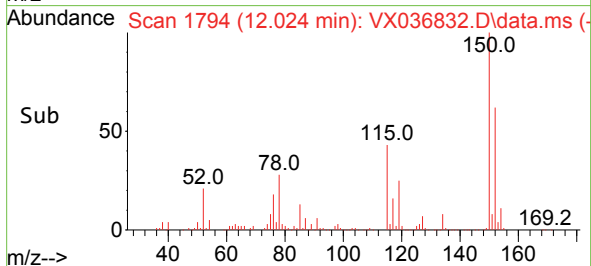
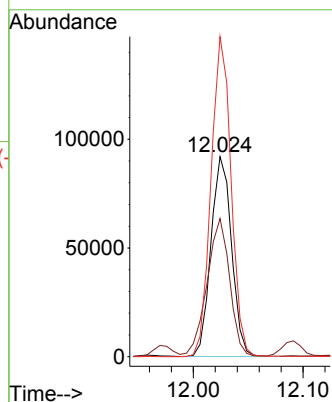
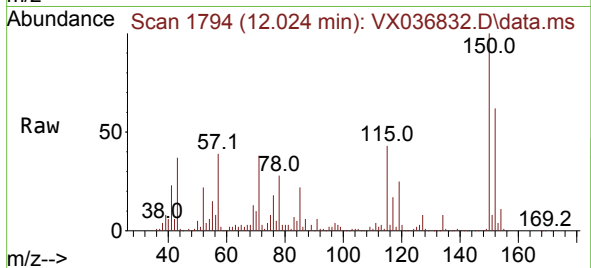
Tgt Ion:152 Resp: 119827

Ion Ratio Lower Upper

152 100

115 75.4 43.3 129.9

150 156.0 0.0 345.0



#73

Isopropylbenzene

Concen: 3.742 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036832.D

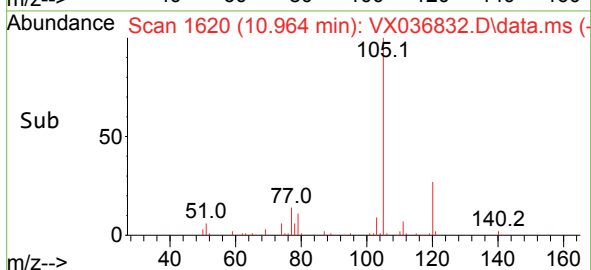
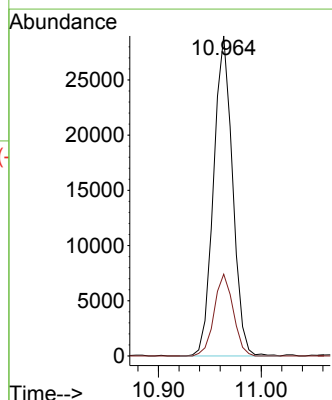
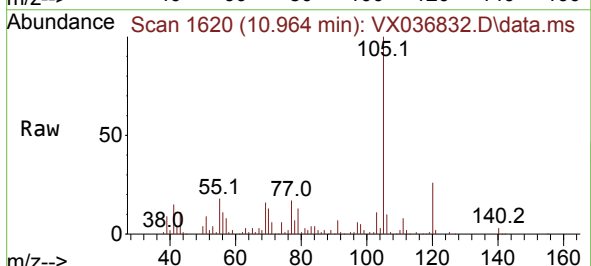
Acq: 07 Aug 2023 13:06

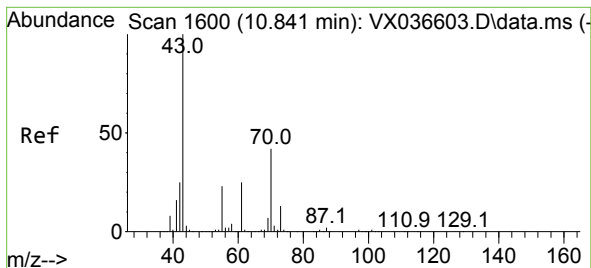
Tgt Ion:105 Resp: 37105

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6





#74

N-amy1 acetate

Concen: 5.792 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

Tgt Ion: 43 Resp: 26784

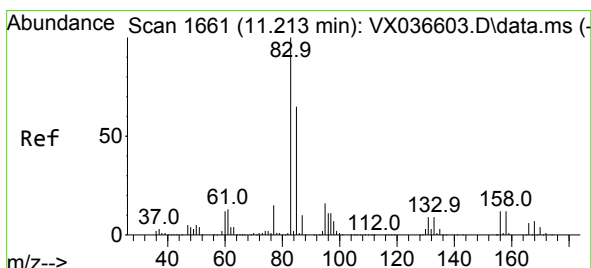
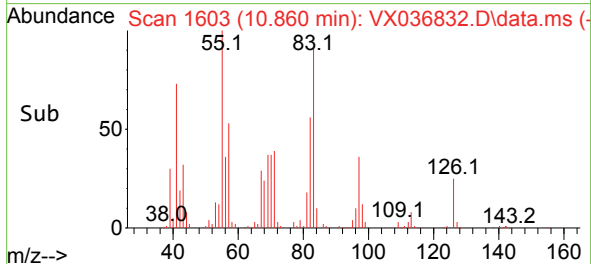
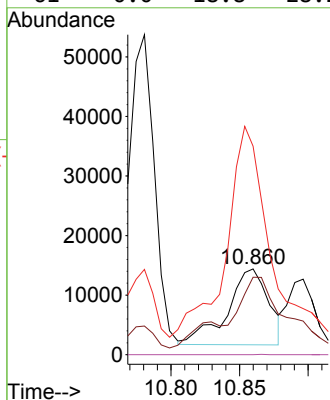
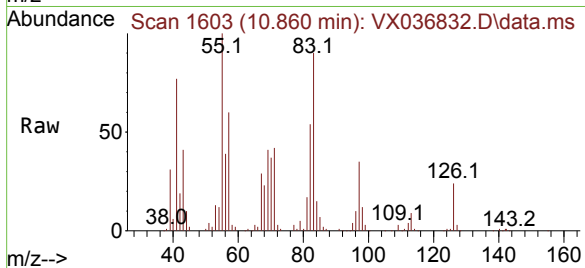
Ion Ratio Lower Upper

43 100

70 94.2 32.9 49.3#

55 285.1 19.3 28.9#

61 0.0 18.8 28.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.963 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

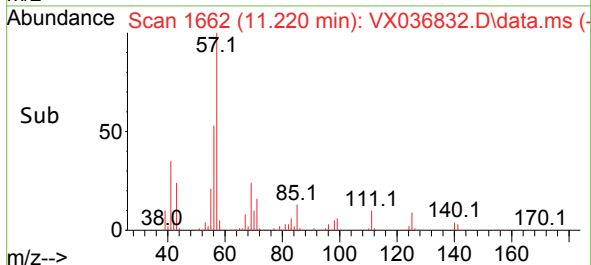
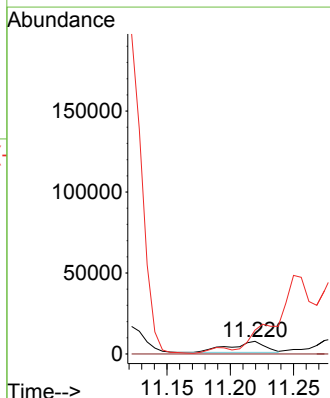
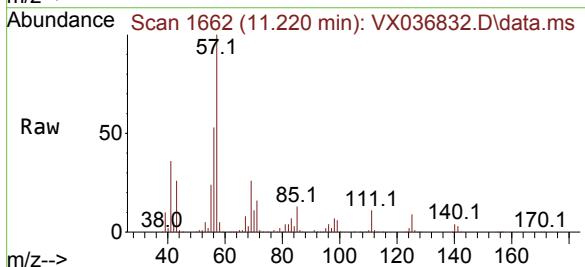
Tgt Ion: 83 Resp: 13275

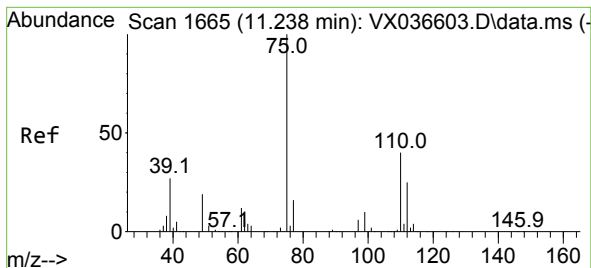
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 1.627 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.140 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

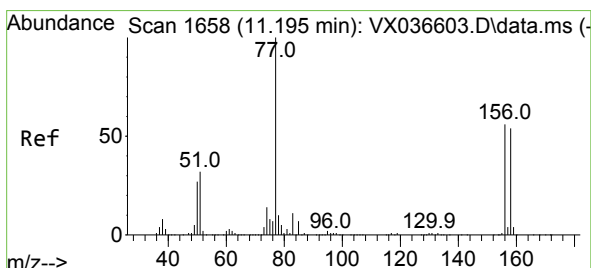
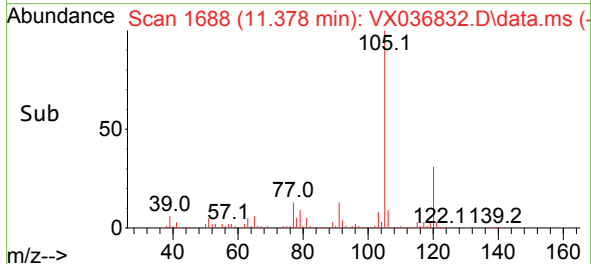
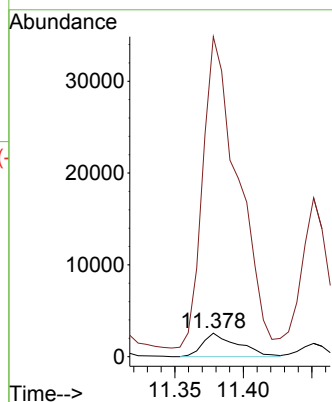
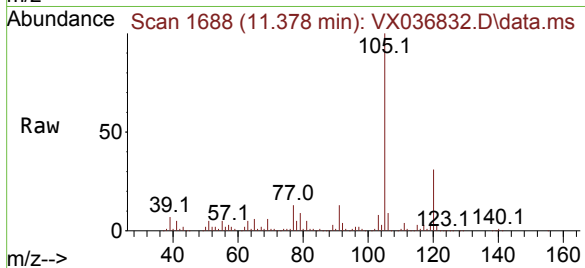
15017

Tgt Ion: 75 Resp: 4587

Ion Ratio Lower Upper

75 100

77 1323.9 19.1 57.5#



#77

Bromobenzene

Concen: 0.681 ug/l

RT: 11.256 min Scan# 1668

Delta R.T. 0.061 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

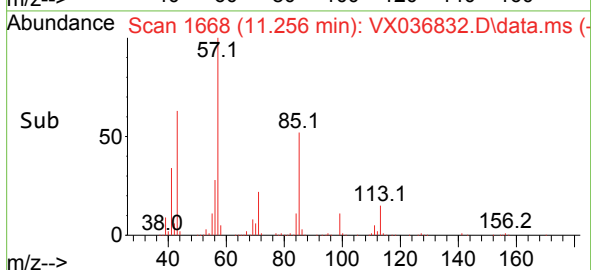
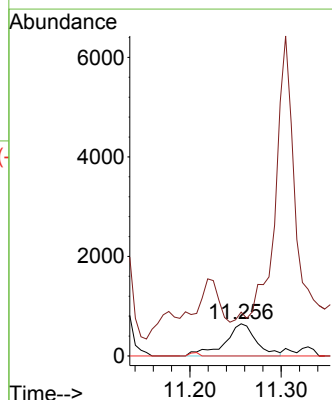
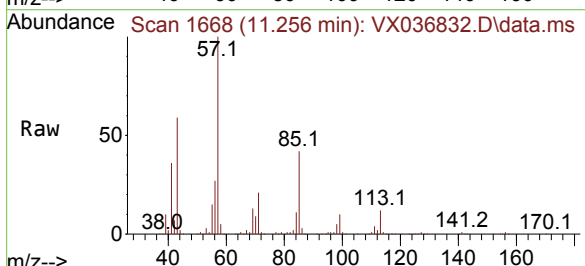
Tgt Ion:156 Resp: 1539

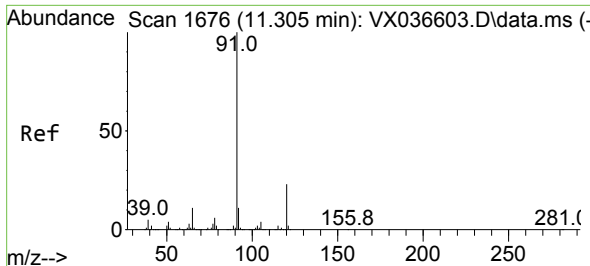
Ion Ratio Lower Upper

156 100

77 0.0 88.4 265.3#

158 0.0 48.0 144.0#

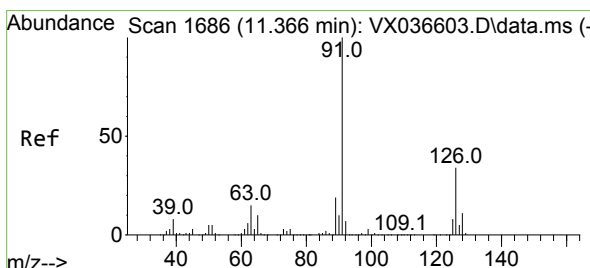
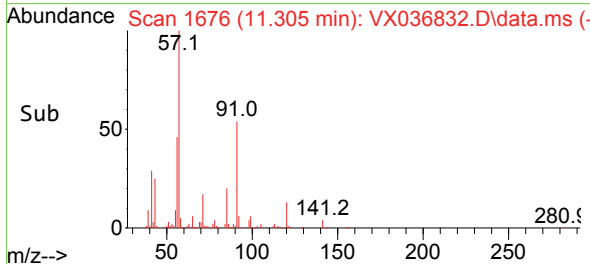
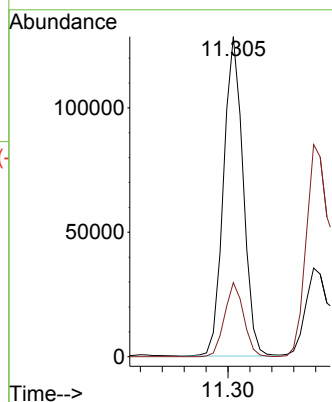
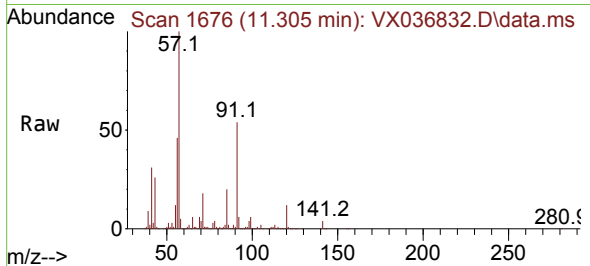




#78
n-propylbenzene
Concen: 13.891 ug/l
RT: 11.305 min Scan# 115017
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

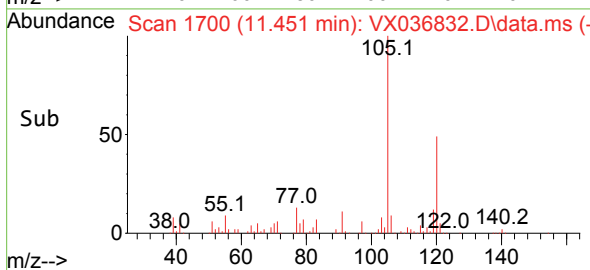
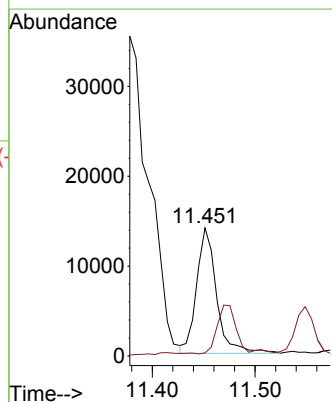
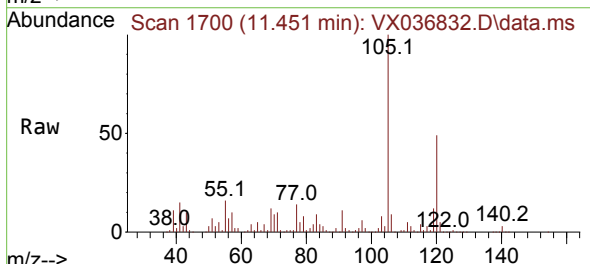
Instrument :
MSVOA_X
ClientSampleId :
15017

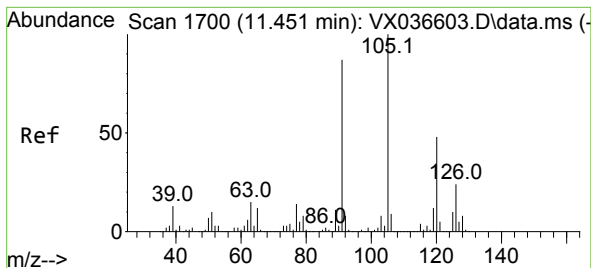
Tgt Ion: 91 Resp: 159308
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.717 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.085 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 91 Resp: 18885
Ion Ratio Lower Upper
91 100
126 36.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 18.804 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

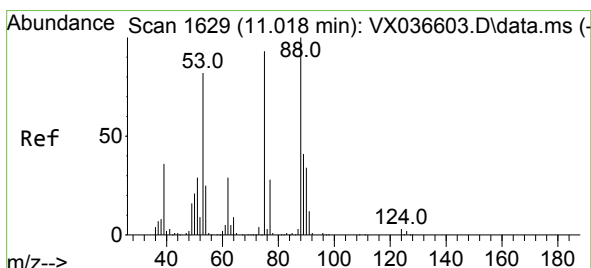
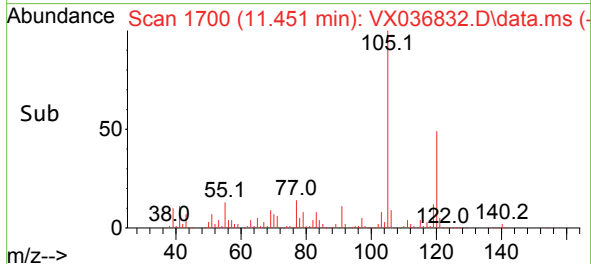
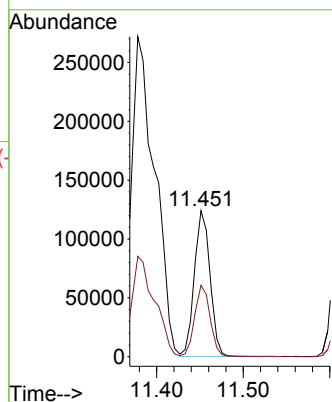
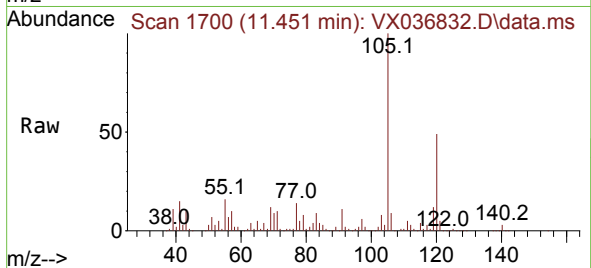
15017

Tgt Ion:105 Resp: 155996

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 47.831 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

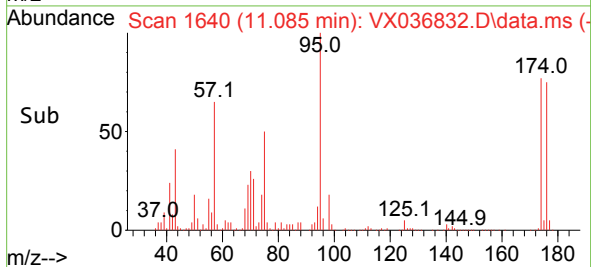
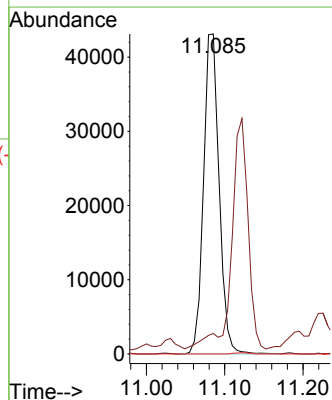
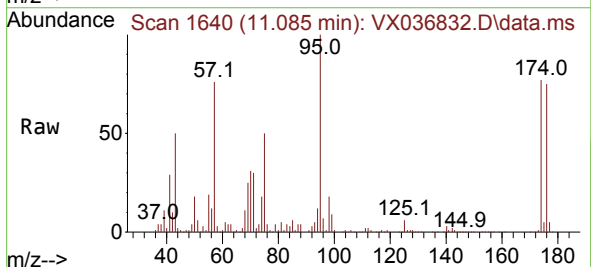
Tgt Ion: 75 Resp: 59478

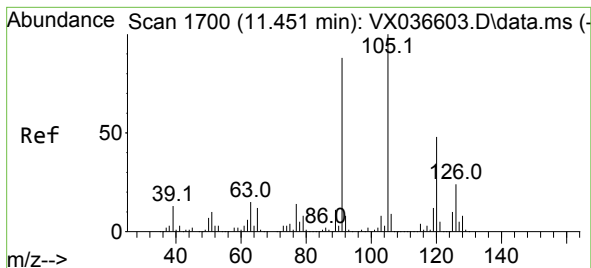
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

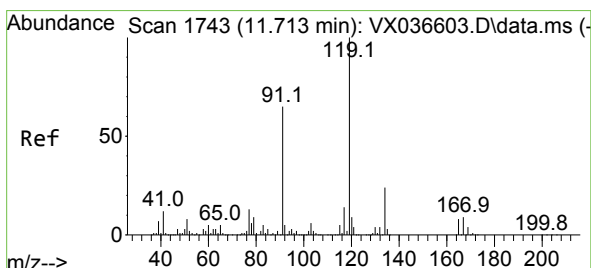
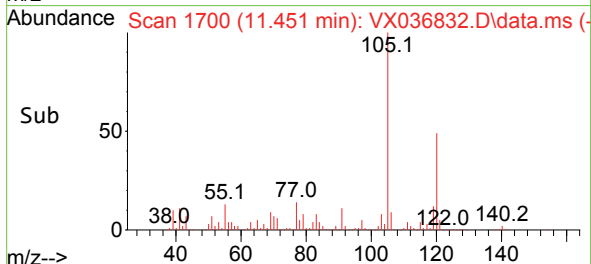
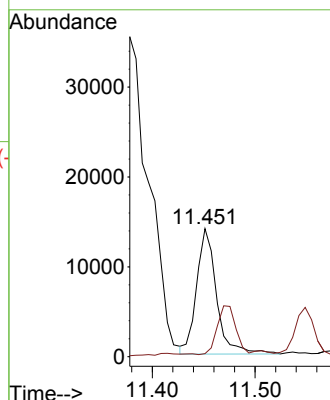
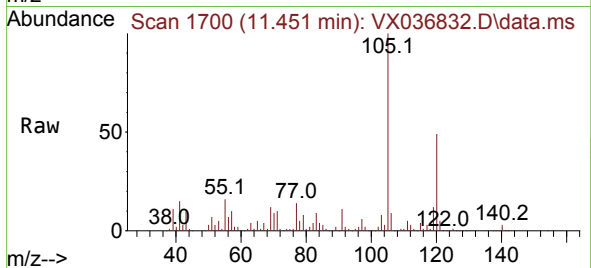




#82
4-Chlorotoluene
Concen: 2.385 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

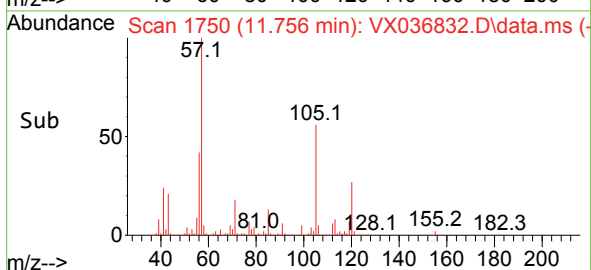
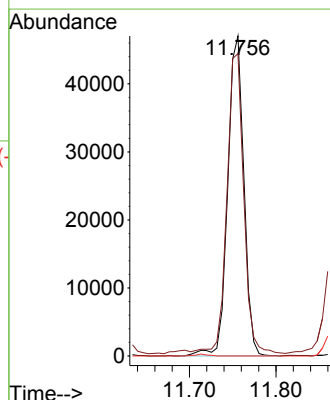
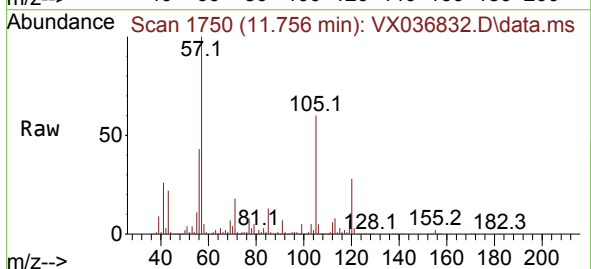
Instrument :
MSVOA_X
ClientSampleId :
15017

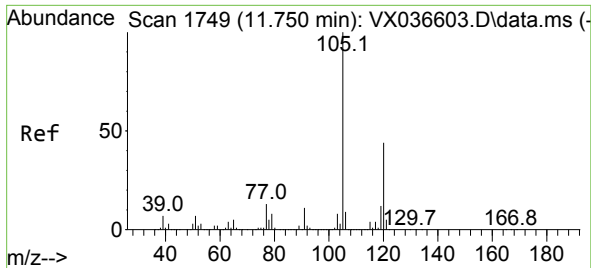
Tgt Ion: 91 Resp: 18885
Ion Ratio Lower Upper
91 100
126 37.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 7.454 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.043 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion: 119 Resp: 60747
Ion Ratio Lower Upper
119 100
91 97.4 31.2 93.6#
134 0.0 11.7 35.0#

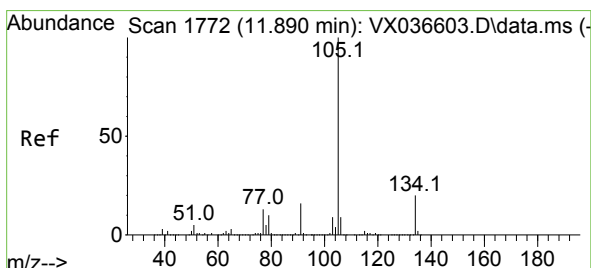
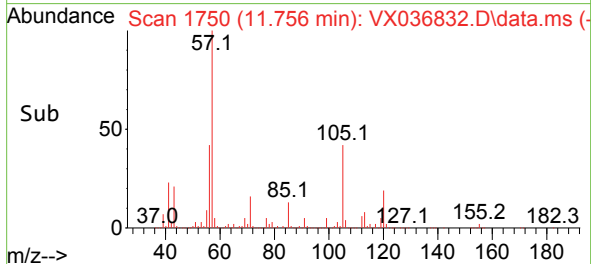
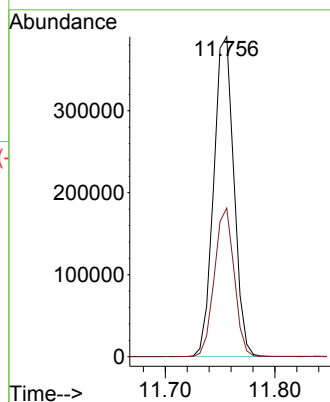
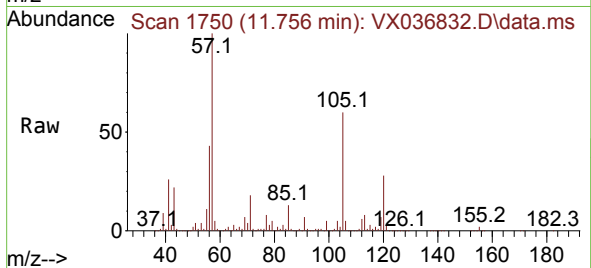




#84
1,2,4-Trimethylbenzene
Concen: 60.266 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

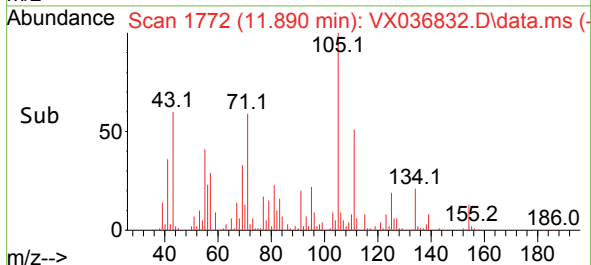
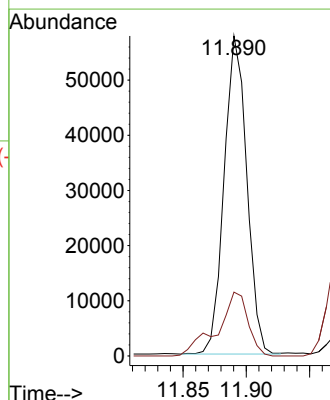
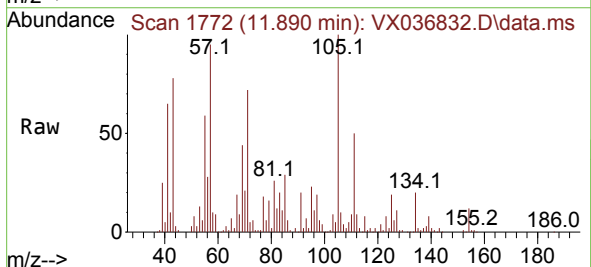
Instrument :
MSVOA_X
ClientSampleId :
15017

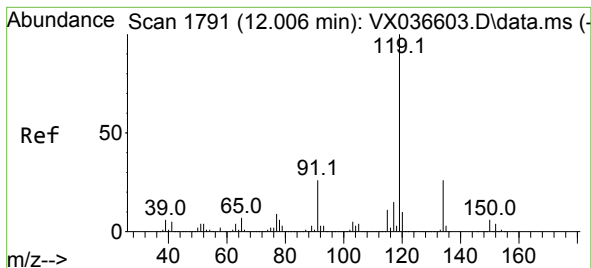
Tgt Ion:105 Resp: 500009
Ion Ratio Lower Upper
105 100
120 45.5 21.2 63.6



#85
sec-Butylbenzene
Concen: 7.069 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036832.D
Acq: 07 Aug 2023 13:06

Tgt Ion:105 Resp: 71844
Ion Ratio Lower Upper
105 100
134 27.0 9.8 29.4





#86

p-Isopropyltoluene

Concen: 24.598 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

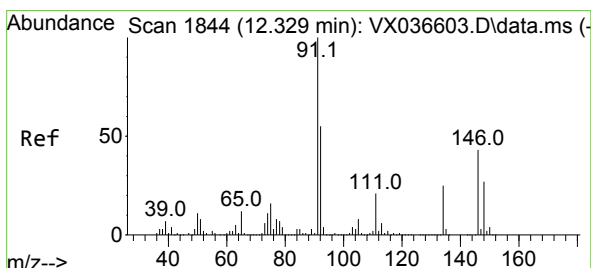
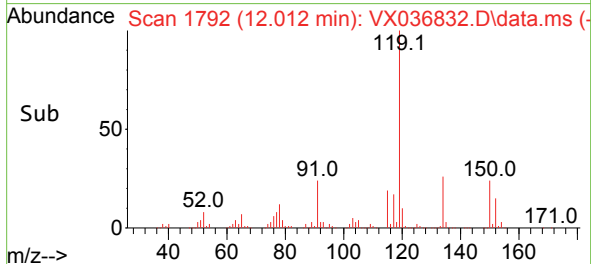
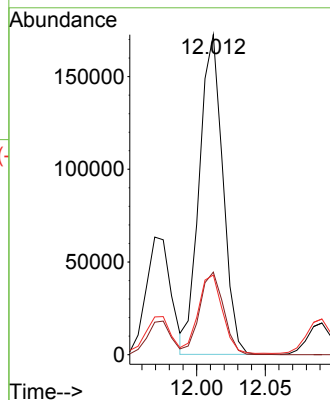
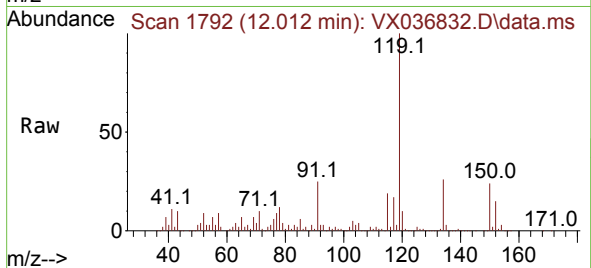
Tgt Ion:119 Resp: 205717

Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 25.2 13.1 39.3



#89

n-Butylbenzene

Concen: 25.198 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

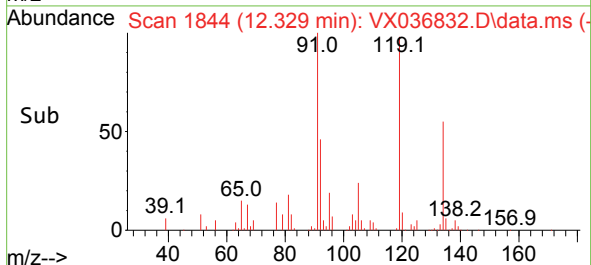
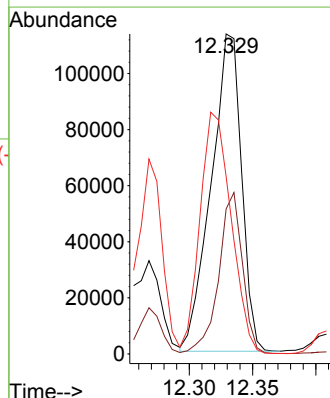
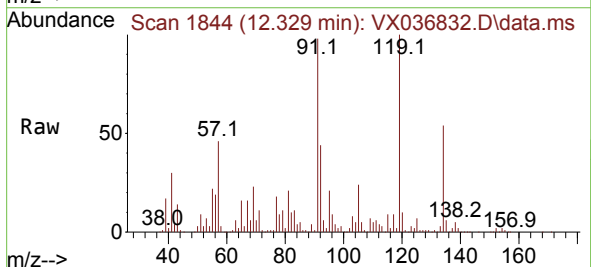
Tgt Ion: 91 Resp: 188652

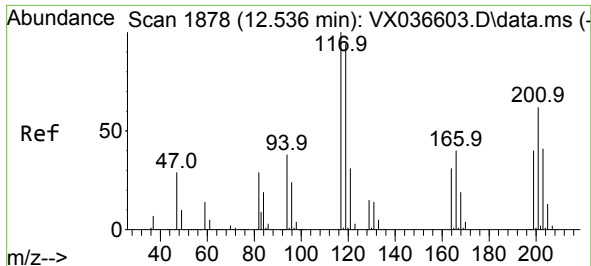
Ion Ratio Lower Upper

91 100

92 39.7 27.4 82.0

134 78.1 12.6 37.8#





#90

Hexachloroethane

Concen: 10.103 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

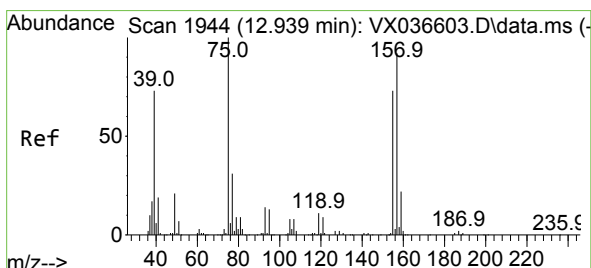
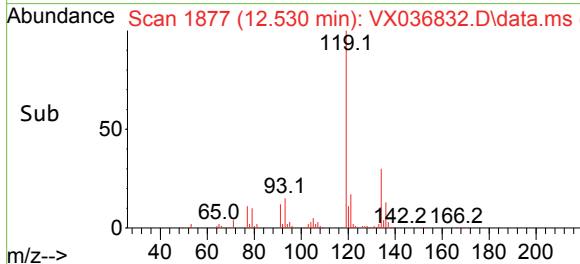
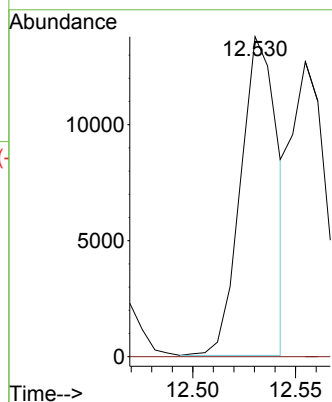
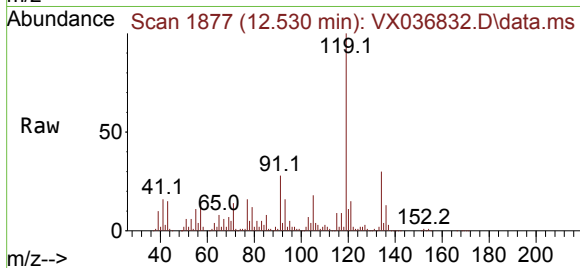
15017

Tgt Ion:117 Resp: 17130

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.296 ug/l

RT: 12.927 min Scan# 1942

Delta R.T. -0.012 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

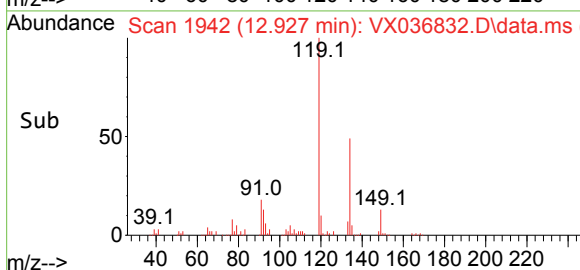
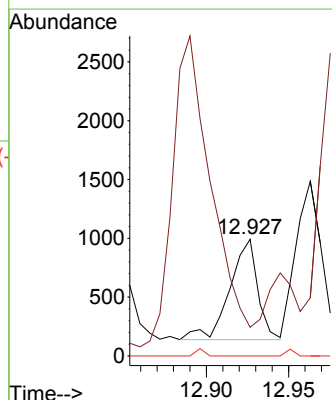
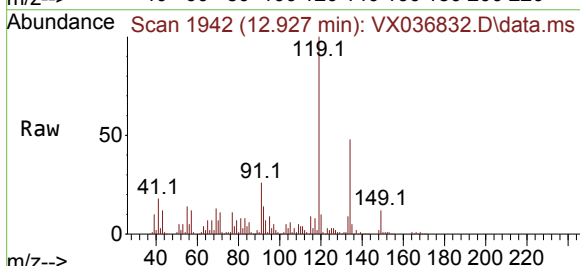
Tgt Ion: 75 Resp: 1009

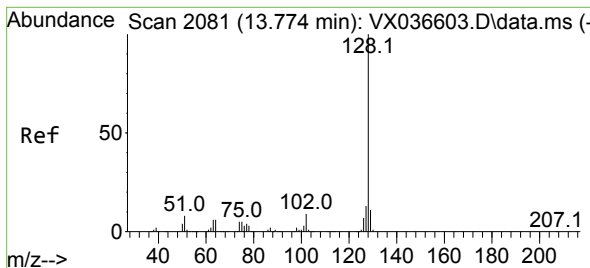
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95

Naphthalene

Concen: 8.778 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Instrument :

MSVOA_X

ClientSampleId :

15017

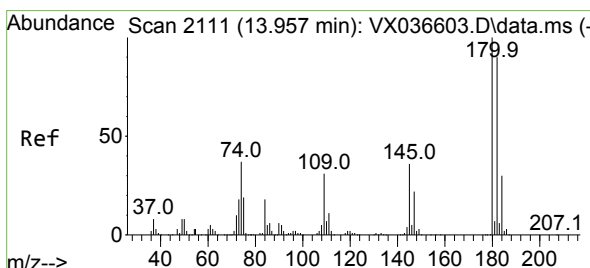
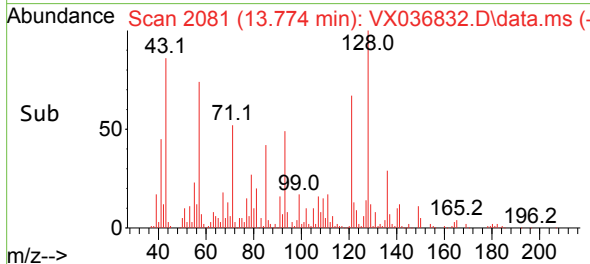
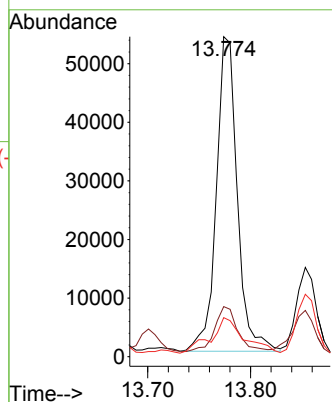
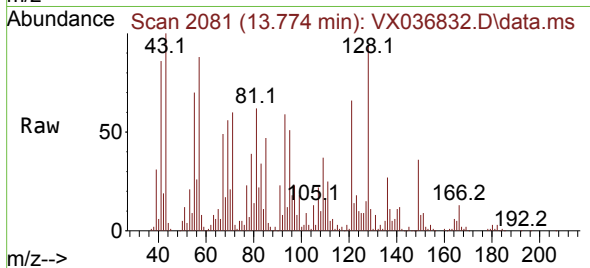
Tgt Ion:128 Resp: 76068

Ion Ratio Lower Upper

128 100

127 15.6 10.3 15.5#

129 17.8 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 3.513 ug/l

RT: 13.975 min Scan# 2114

Delta R.T. 0.018 min

Lab File: VX036832.D

Acq: 07 Aug 2023 13:06

Tgt Ion:180 Resp: 8611

Ion Ratio Lower Upper

180 100

182 26.4 46.9 140.6#

145 358.6 17.8 53.5#

