

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035573.D
 Acq On : 08 May 2023 20:17
 Operator : JC/MD
 Sample : 02648-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1636

Quant Time: May 09 03:52:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	300409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	494873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184719	50.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.940%			
35) Dibromofluoromethane	5.385	113	156863	51.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	585166	51.070	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	224050	51.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.960%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	2029	0.702	ug/l	95
8) Diethyl Ether	2.130	74	1600	0.968	ug/l #	1
11) Tert butyl alcohol	3.081	59	13018	19.727	ug/l #	73
13) Acrolein	2.221	56	3236	4.986	ug/l #	1
14) Allyl chloride	2.752	41	12999	2.532	ug/l #	10
16) Acetone	2.416	43	130856	83.132	ug/l	93
17) Carbon Disulfide	2.520	76	3798	0.543	ug/l #	92
18) Methyl Acetate	2.709	43	1537	0.253	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	194553	19.436	ug/l #	90
20) Methylene Chloride	2.788	84	1814	0.503	ug/l #	85
22) Diisopropyl ether	3.757	45	28824	2.837	ug/l #	73
23) Vinyl Acetate	3.757	43	14659	2.099	ug/l #	72
25) 2-Butanone	4.580	43	139096	60.542	ug/l	100
29) Tetrahydrofuran	5.026	42	2531	1.718	ug/l #	60
31) Cyclohexane	5.471	56	32175	6.258	ug/l	99
36) 1,1-Dichloropropene	5.544	75	22536	4.752	ug/l #	51
37) Ethyl Acetate	4.580	43	139096	32.111	ug/l #	70
38) Carbon Tetrachloride	5.550	117	30153	6.697	ug/l #	17
39) Methylcyclohexane	7.379	83	6763	1.171	ug/l	91
40) Benzene	6.038	78	3234746	237.758	ug/l	99
42) 1,2-Dichloroethane	6.038	62	28792	5.935	ug/l #	75
43) Isopropyl Acetate	6.330	43	46974	6.454	ug/l #	66
49) 1,4-Dioxane	7.769	88	193	2.218	ug/l #	23
51) 4-Methyl-2-Pentanone	8.580	43	6297	1.408	ug/l	95
52) Toluene	8.720	92	1237085	143.447	ug/l	97
59) 2-Hexanone	9.689	43	6174148	1837.890	ug/l #	32
67) Ethyl Benzene	10.195	91	57063	3.659	ug/l	96
68) m/p-Xylenes	10.299	106	123468	20.664	ug/l	100
69) o-Xylene	10.640	106	98353	16.786	ug/l	99
70) Styrene	10.640	104	6169	0.649	ug/l #	1
73) Isopropylbenzene	10.963	105	5502	0.339	ug/l	75
74) N-amyl acetate	10.817	43	1332	0.219	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	112068	25.331	ug/l #	34
78) n-propylbenzene	11.305	91	8517	0.457	ug/l	99
79) 2-Chlorotoluene	11.378	91	10863	0.934	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	43552	3.186	ug/l	98

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

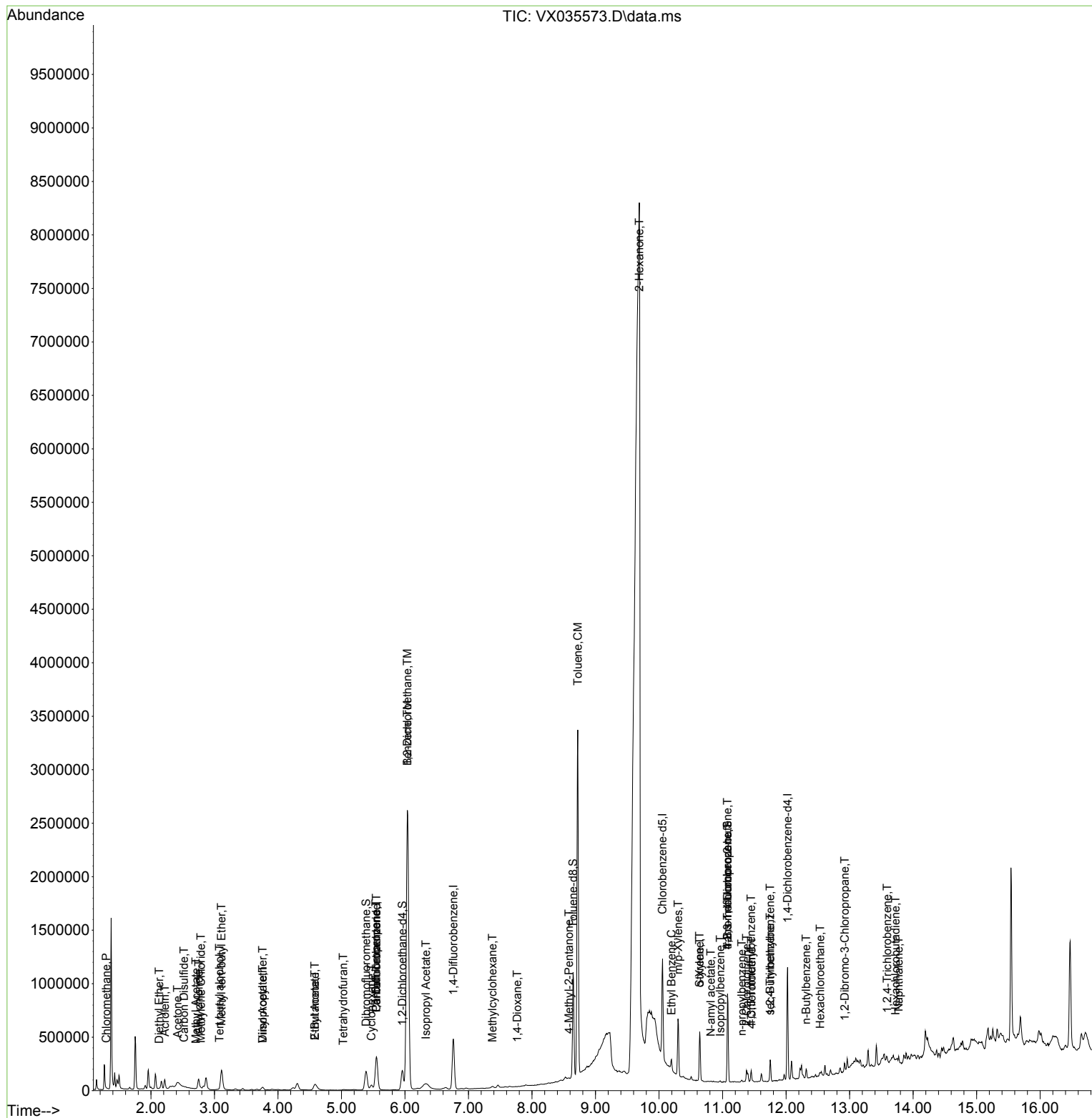
81) trans-1,4-Dichloro-2-b...	11.079	75	112068	82.044	ug/l	#	9
82) 4-Chlorotoluene	11.457	91	5681	0.435	ug/l	#	60
84) 1,2,4-Trimethylbenzene	11.750	105	84879	6.180	ug/l		96
85) sec-Butylbenzene	11.750	105	84879	5.045	ug/l	#	57
89) n-Butylbenzene	12.317	91	8903	0.737	ug/l	#	1
90) Hexachloroethane	12.536	117	1620	0.740	ug/l	#	35
92) 1,2-Dibromo-3-Chloropr...	12.927	75	384	0.381	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	1155	0.240	ug/l	#	18
94) Hexachlorobutadiene	13.725	225	686	0.325	ug/l	#	41
95) Naphthalene	13.774	128	37776	2.549	ug/l	#	92

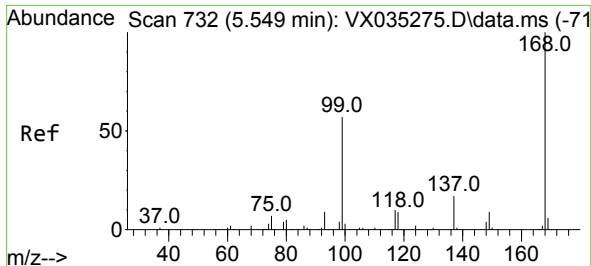
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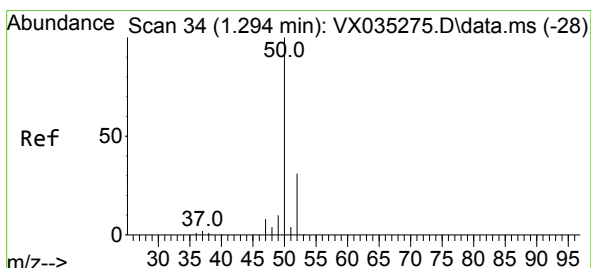
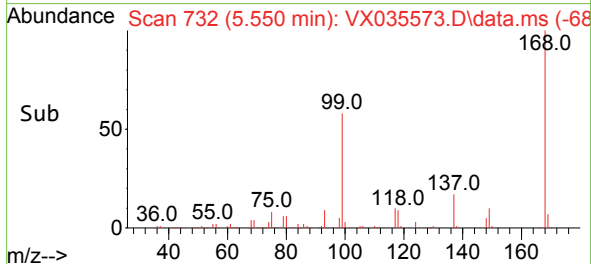
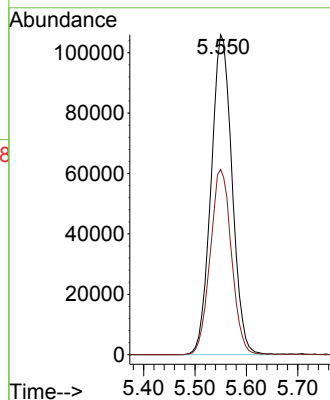
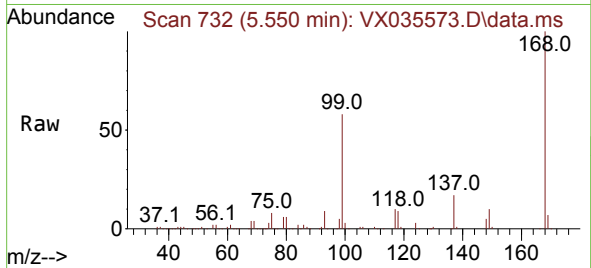




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035573.D
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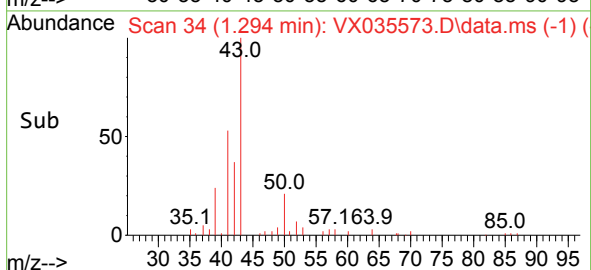
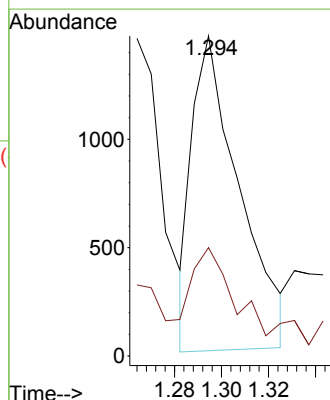
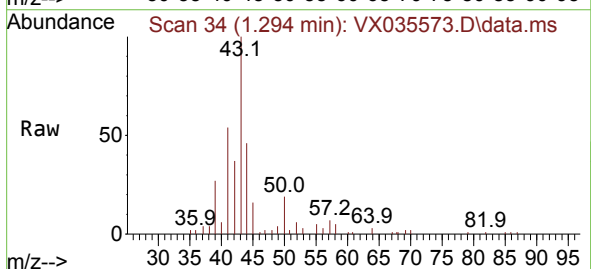
Instrument :
MSVOA_X
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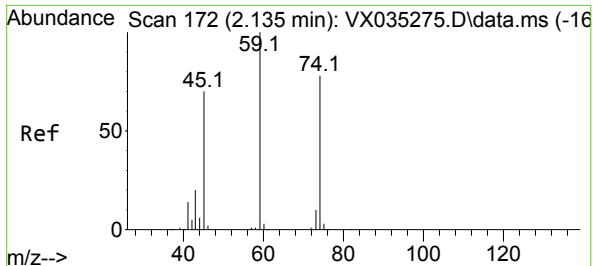
Tgt Ion:168 Resp: 300409
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#3
Chloromethane
Concen: 0.702 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 50 Resp: 2029
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9





#8

Diethyl Ether

Concen: 0.968 ug/l

RT: 2.130 min Scan# 11

Delta R.T. -0.005 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

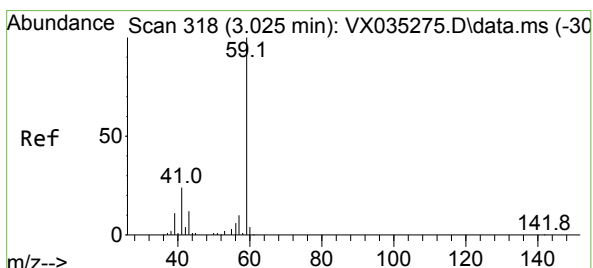
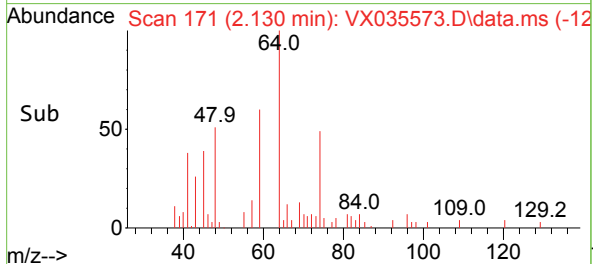
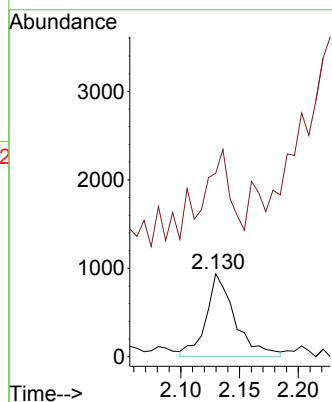
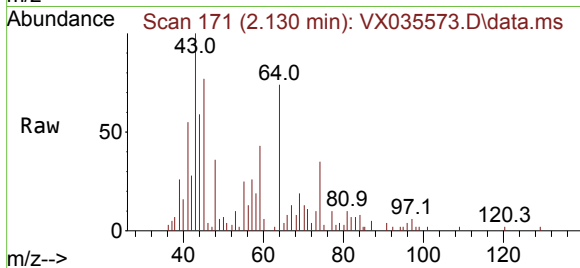
ORA-1636

Tgt Ion: 74 Resp: 1600

Ion Ratio Lower Upper

74 100

45 0.0 49.8 149.3#



#11

Tert butyl alcohol

Concen: 19.727 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.056 min

Lab File: VX035573.D

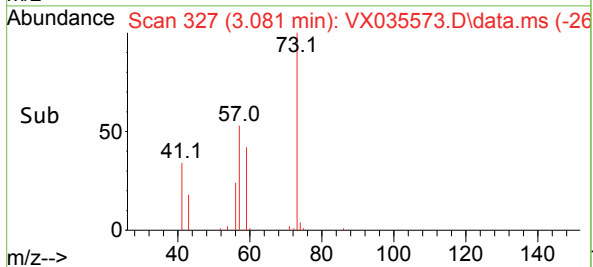
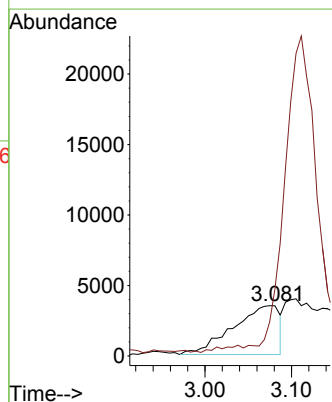
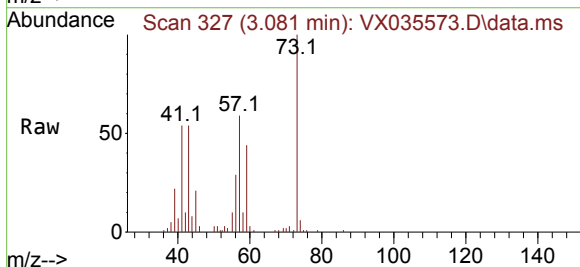
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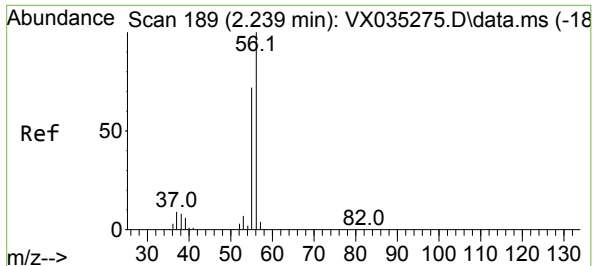
Tgt Ion: 59 Resp: 13018

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#

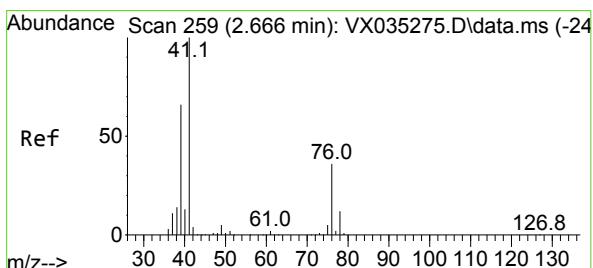
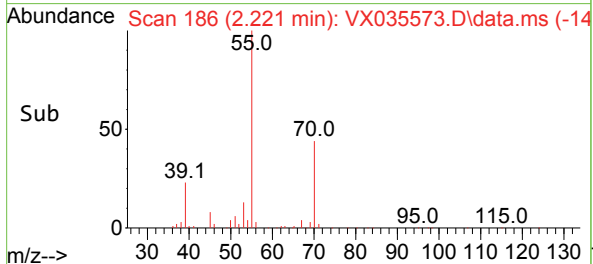
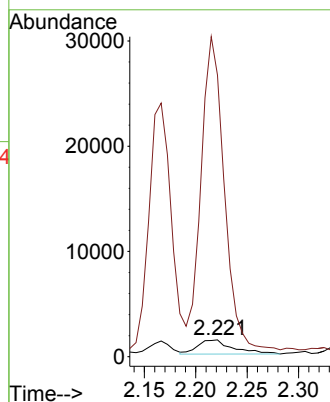
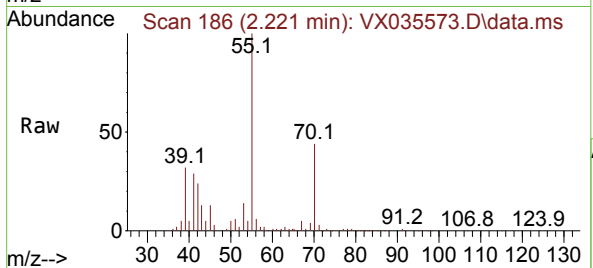




#13
Acrolein
Concen: 4.986 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

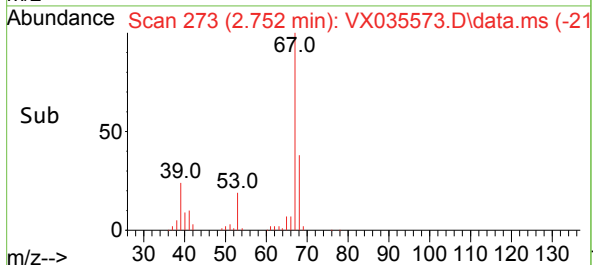
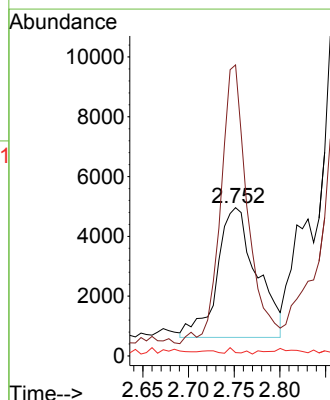
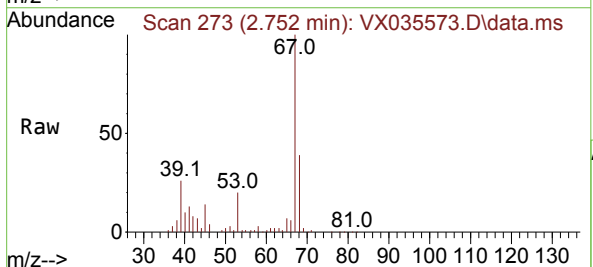
Instrument :
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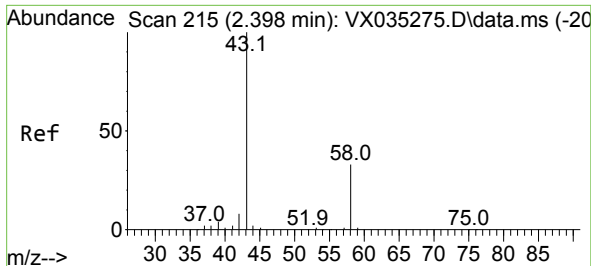
Tgt Ion: 56 Resp: 3236
Ion Ratio Lower Upper
56 100
55 1438.4 56.6 85.0#



#14
Allyl chloride
Concen: 2.532 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.086 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 41 Resp: 12999
Ion Ratio Lower Upper
41 100
39 149.8 52.4 78.6#
76 0.0 26.0 39.0#

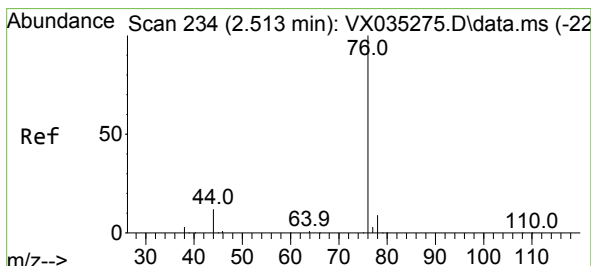
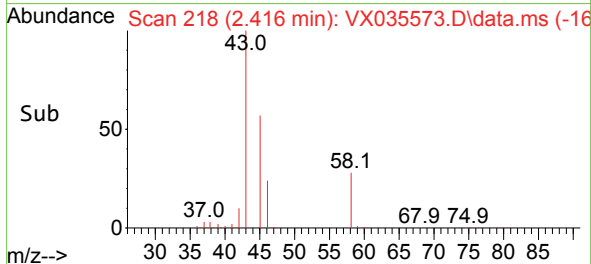
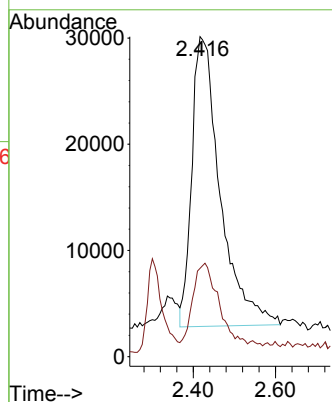
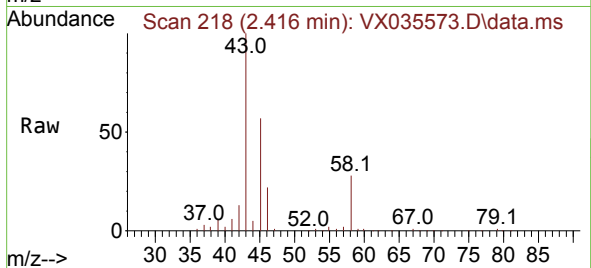




#16
Acetone
Concen: 83.132 ug/l
RT: 2.416 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

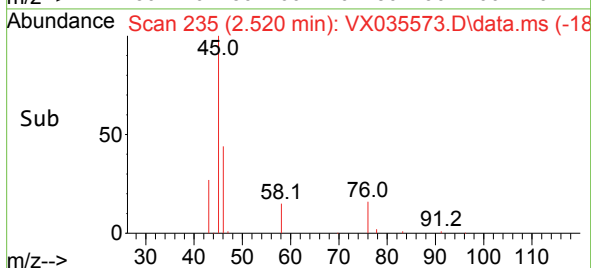
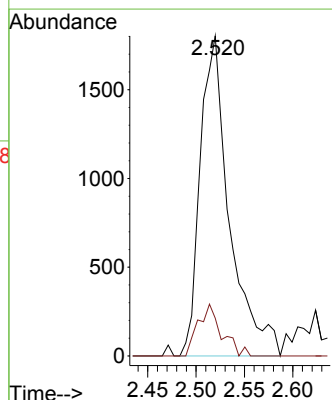
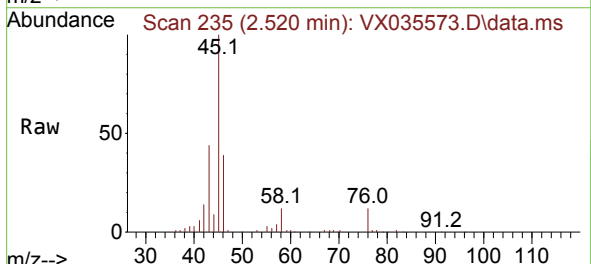
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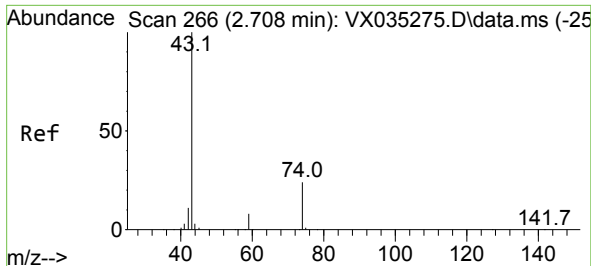
Tgt Ion: 43 Resp: 130856
Ion Ratio Lower Upper
43 100
58 27.2 24.7 37.1



#17
Carbon Disulfide
Concen: 0.543 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.007 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 76 Resp: 3798
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#

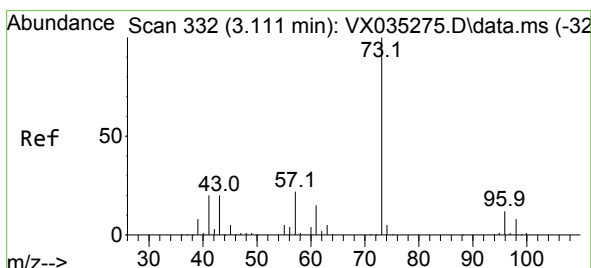
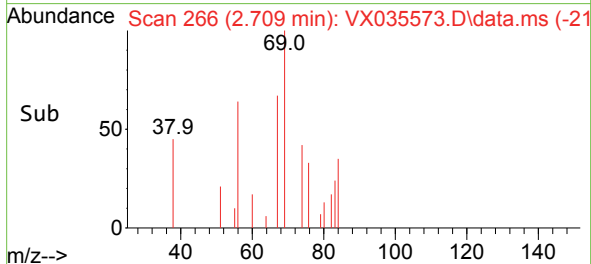
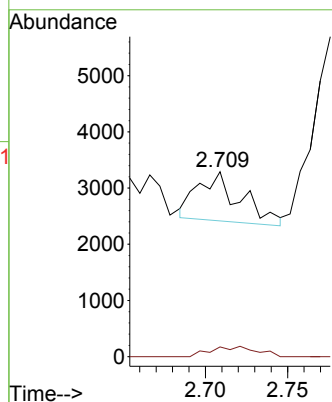
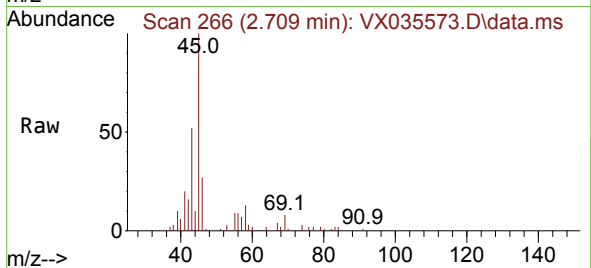




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

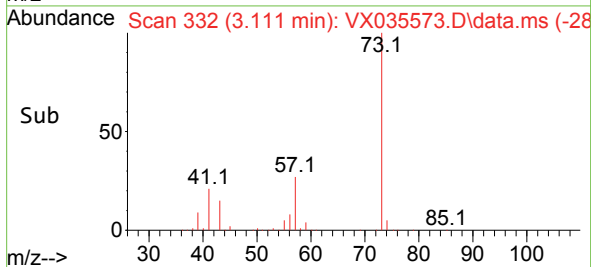
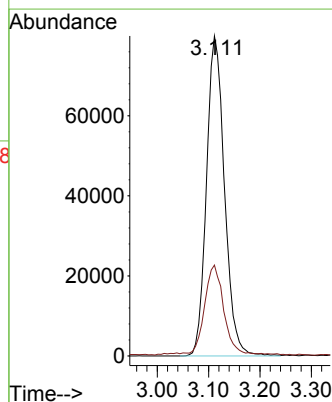
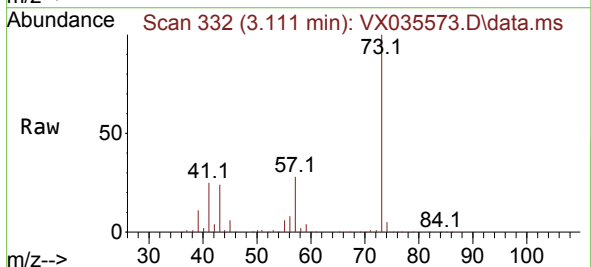
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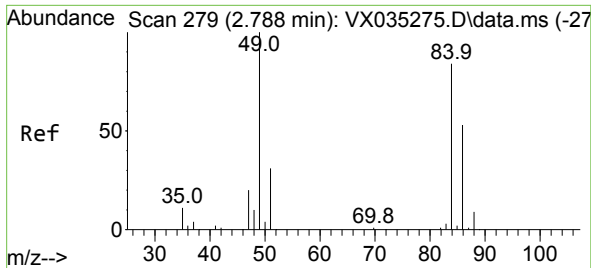
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5



#19
Methyl tert-butyl Ether
Concen: 19.436 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 73 Resp: 194553
Ion Ratio Lower Upper
73 100
57 28.0 18.5 27.7#

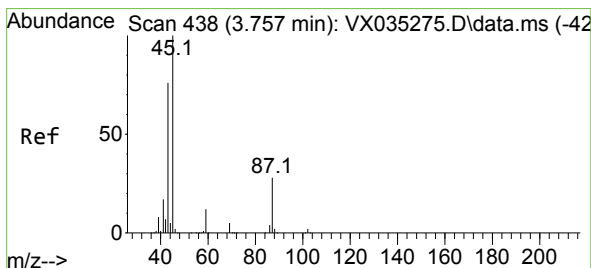
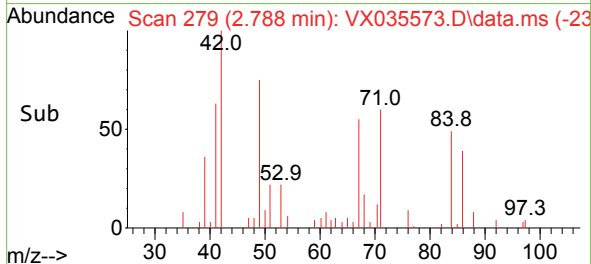
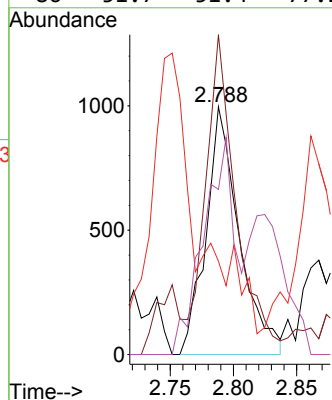
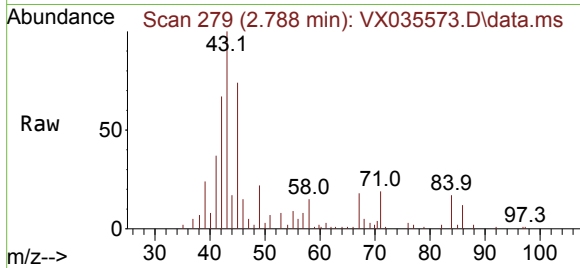




#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

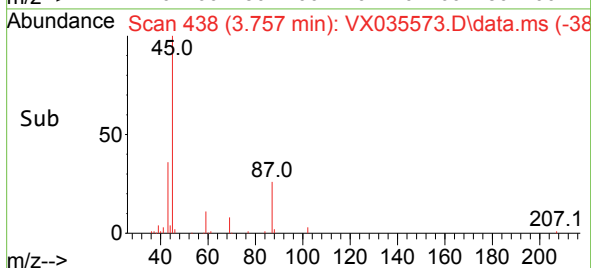
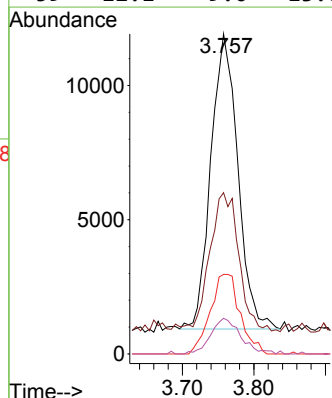
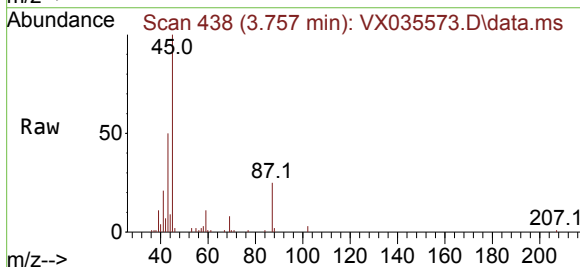
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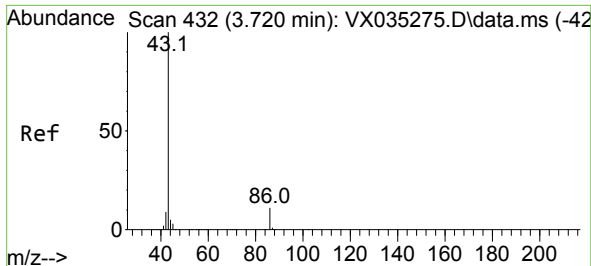
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Ion Ratio	Lower Upper
84 100	
49 123.6	103.8 155.8
51 12.3	31.8 47.8#
86 51.7	51.4 77.2



#22
Diisopropyl ether
Concen: 2.837 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 45	Resp: 28824
Ion Ratio	Lower Upper
45 100	
43 47.1	65.4 98.2#
87 26.9	20.6 31.0
59 12.1	9.0 13.6

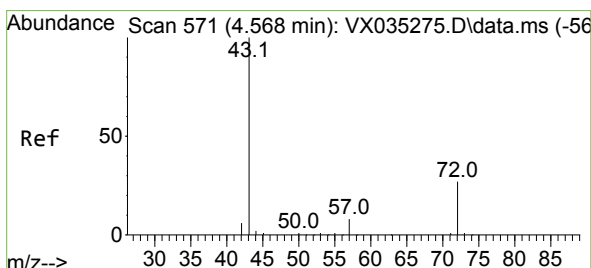
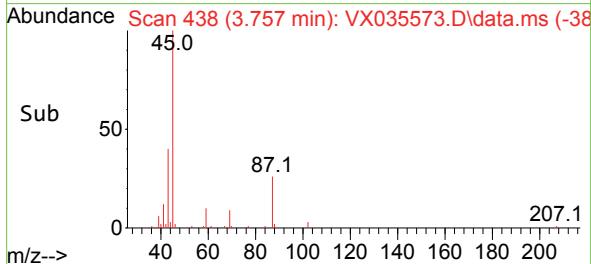
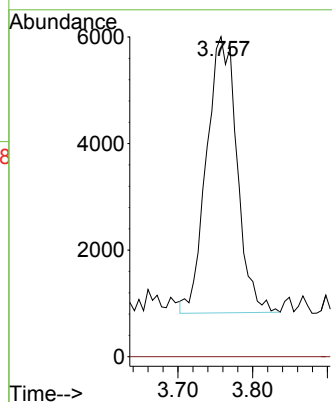
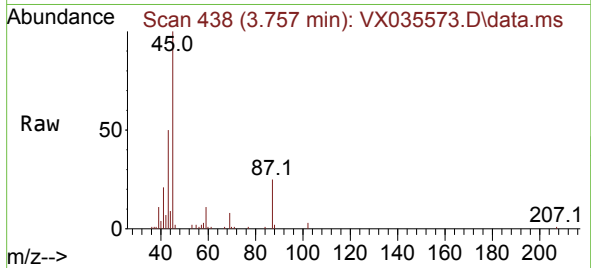




#23
 Vinyl Acetate
 Concen: 2.099 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX035573.D
 Acq: 08 May 2023 20:17

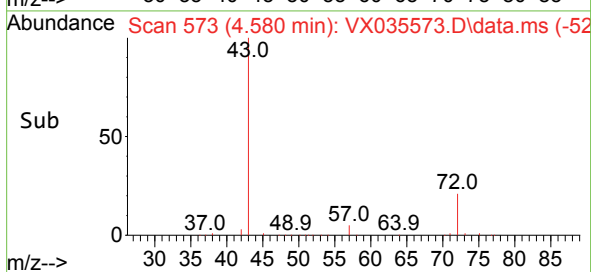
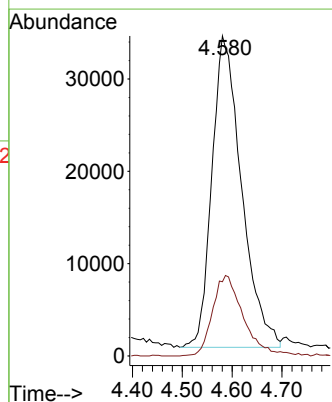
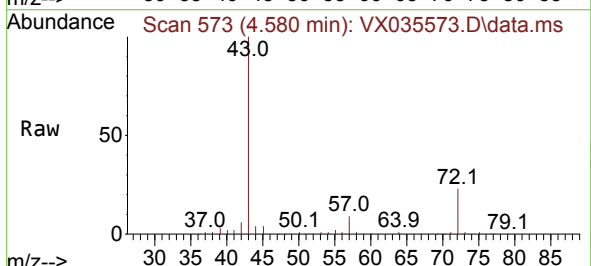
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1636

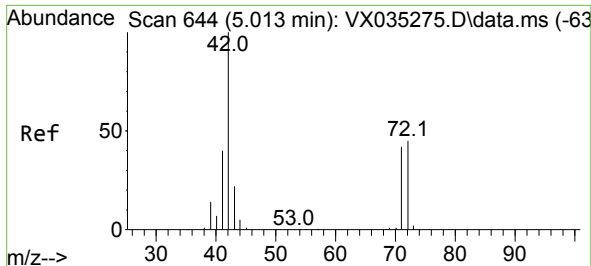
Tgt Ion: 43 Resp: 14659
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 60.542 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX035573.D
 Acq: 08 May 2023 20:17

Tgt Ion: 43 Resp: 139096
 Ion Ratio Lower Upper
 43 100
 72 23.9 19.3 28.9





#29

Tetrahydrofuran

Concen: 1.718 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

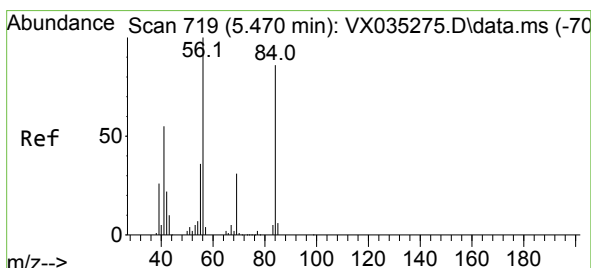
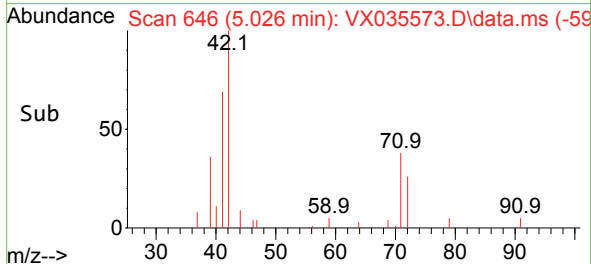
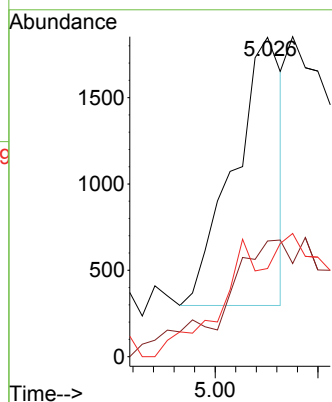
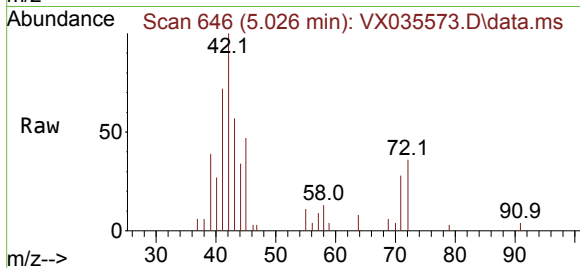
Tgt Ion: 42 Resp: 2531

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 33.9 32.1 48.1



#31

Cyclohexane

Concen: 6.258 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.001 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

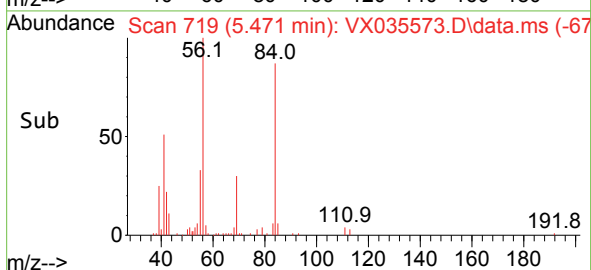
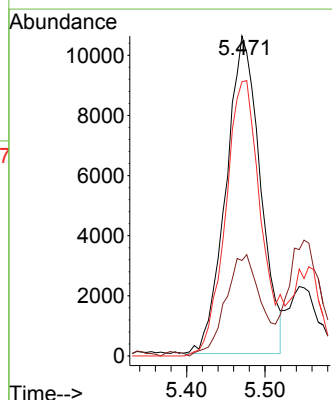
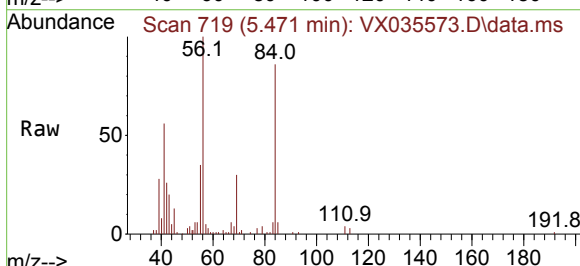
Tgt Ion: 56 Resp: 32175

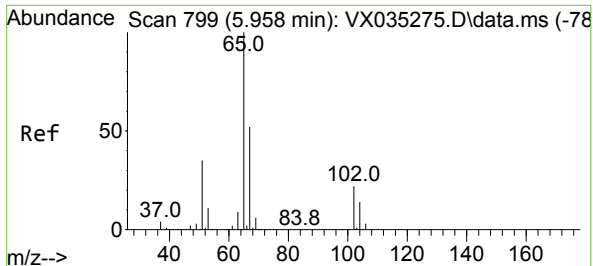
Ion Ratio Lower Upper

56 100

69 29.0 23.7 35.5

84 86.4 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 50.967 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

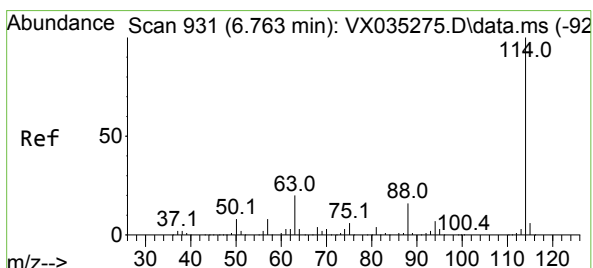
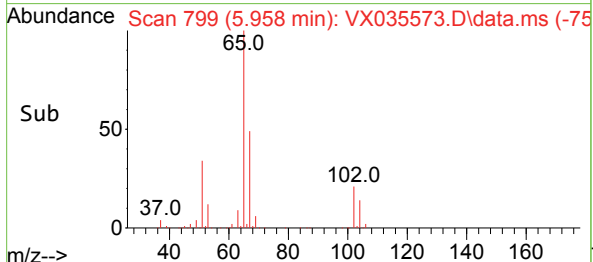
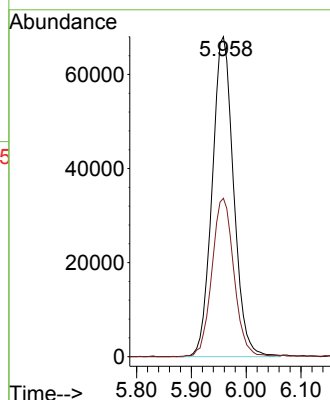
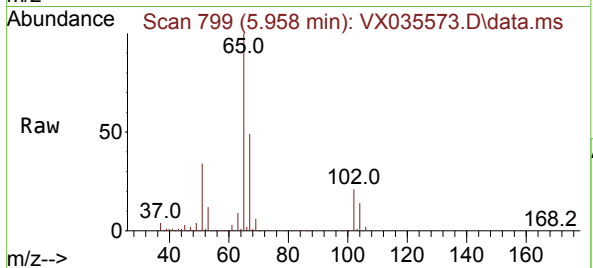
ORA-1636

Tgt Ion: 65 Resp: 184719

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

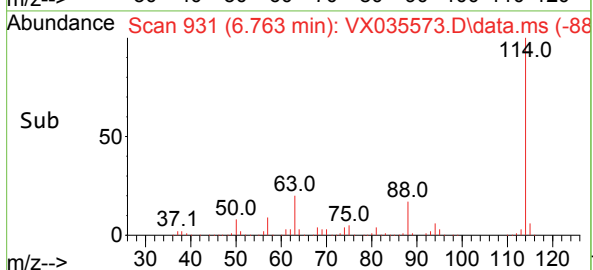
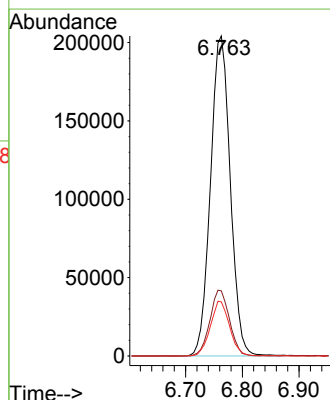
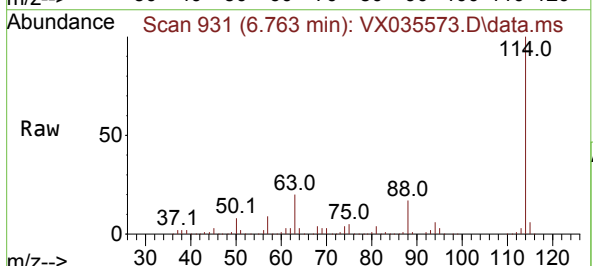
Tgt Ion: 114 Resp: 494873

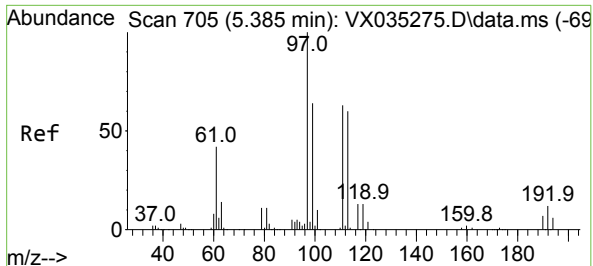
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 16.9 0.0 33.2

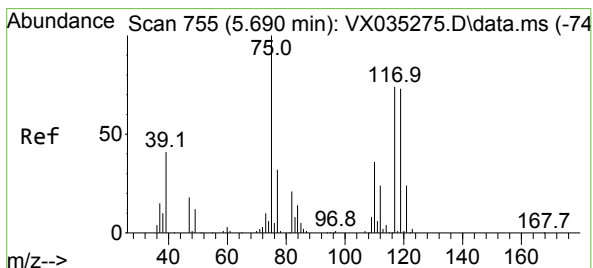
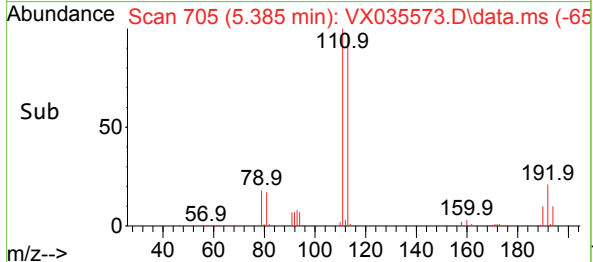
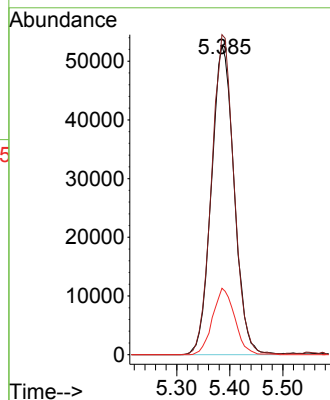
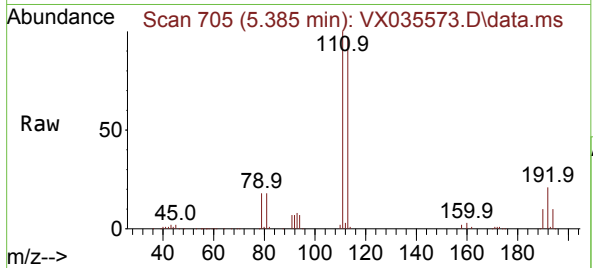




#35
Dibromofluoromethane
Concen: 51.644 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

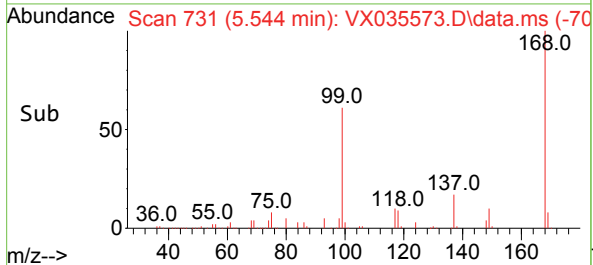
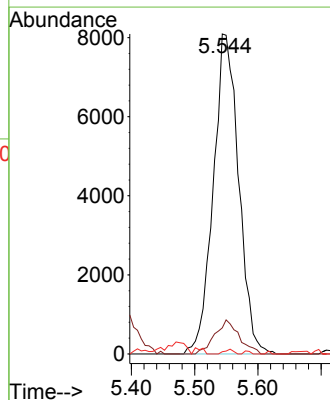
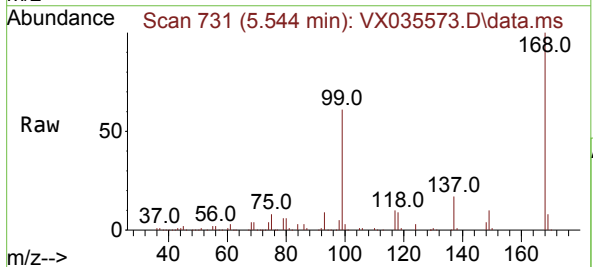
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

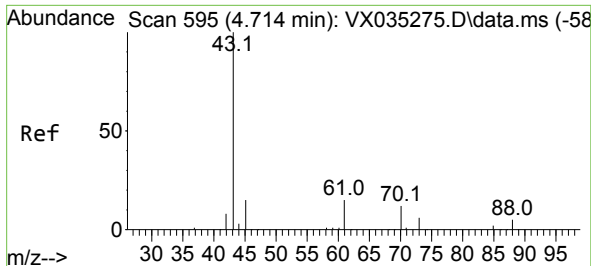
Tgt Ion:113 Resp: 156863
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 21.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 75 Resp: 22536
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 32.111 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

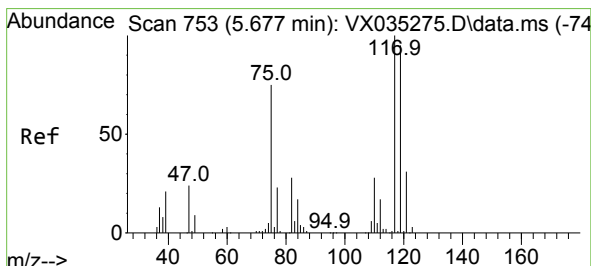
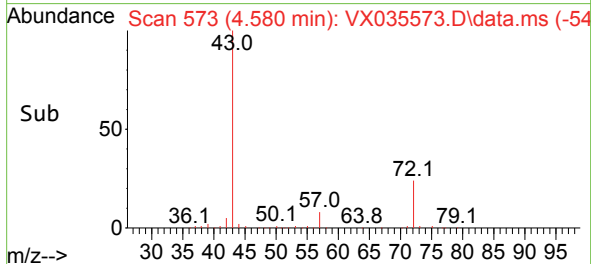
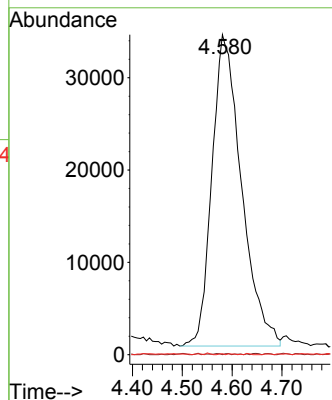
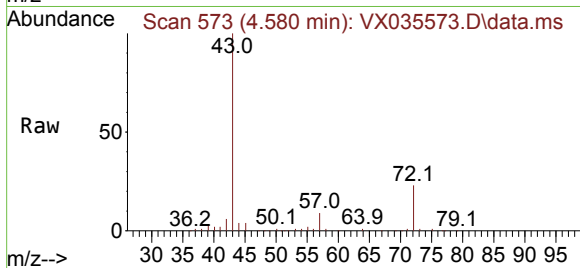
Tgt Ion: 43 Resp: 139096

Ion Ratio Lower Upper

43 100

61 0.1 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.697 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

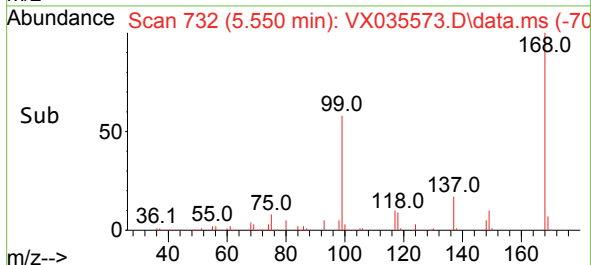
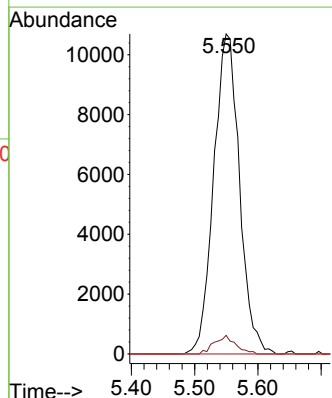
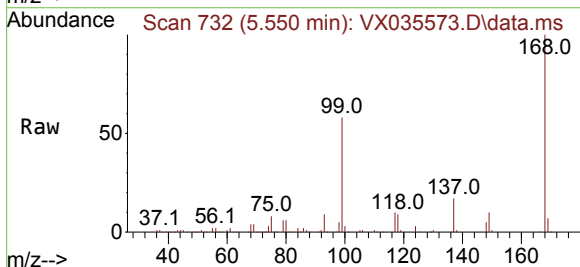
Tgt Ion: 117 Resp: 30153

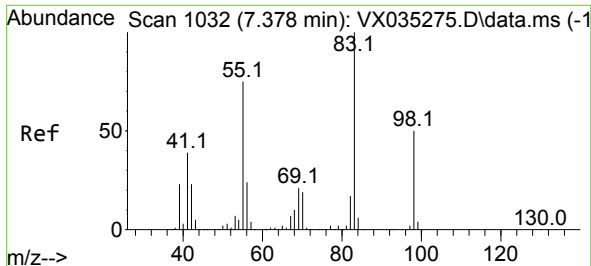
Ion Ratio Lower Upper

117 100

119 5.8 76.6 114.8#

121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 1.171 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

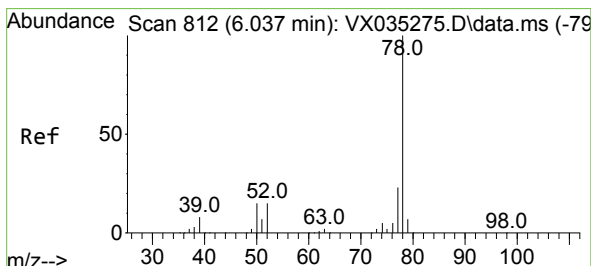
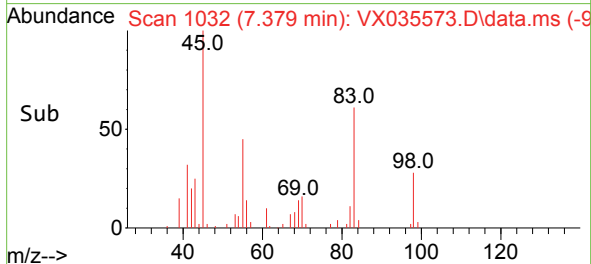
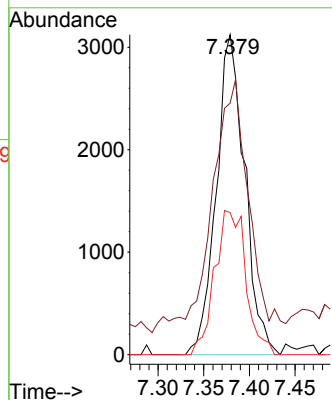
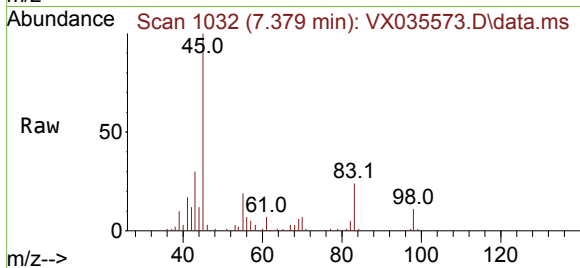
Tgt Ion: 83 Resp: 6763

Ion Ratio Lower Upper

83 100

55 68.0 60.5 90.7

98 44.4 40.4 60.6



#40

Benzene

Concen: 237.758 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035573.D

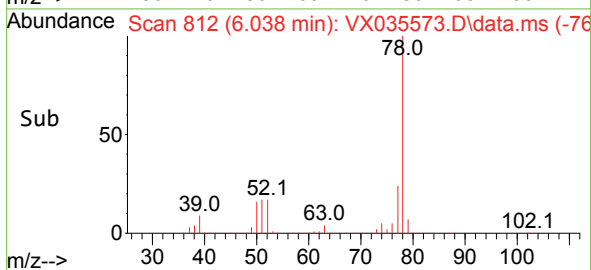
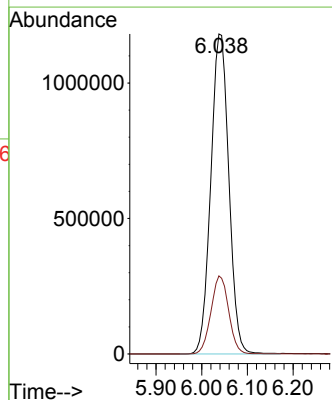
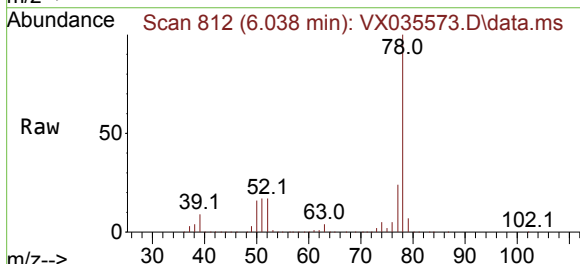
Acq: 08 May 2023 20:17

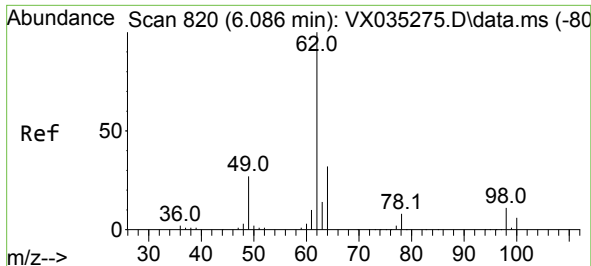
Tgt Ion: 78 Resp: 3234746

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4





#42

1,2-Dichloroethane

Concen: 5.935 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.048 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

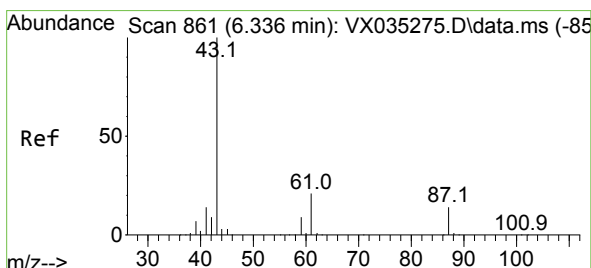
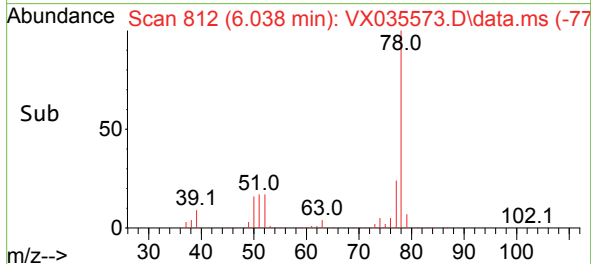
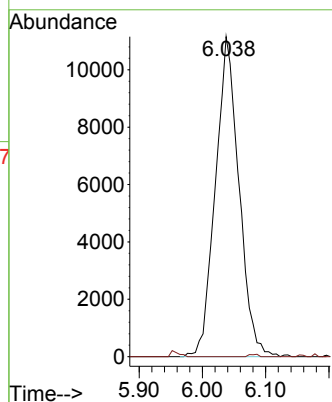
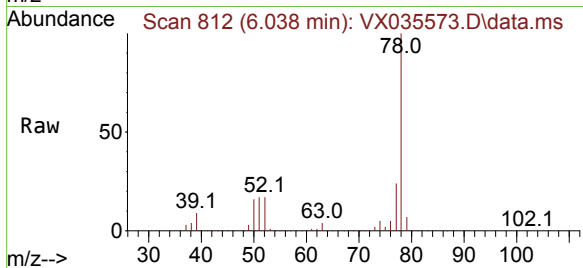
ORA-1636

Tgt Ion: 62 Resp: 28792

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 6.454 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

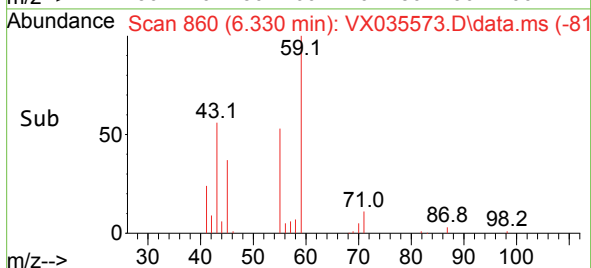
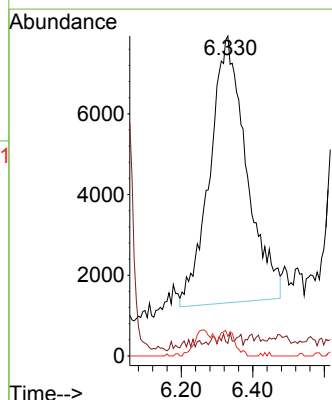
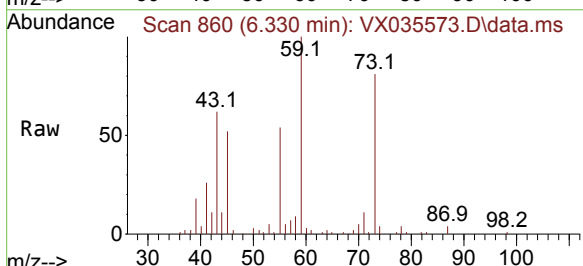
Tgt Ion: 43 Resp: 46974

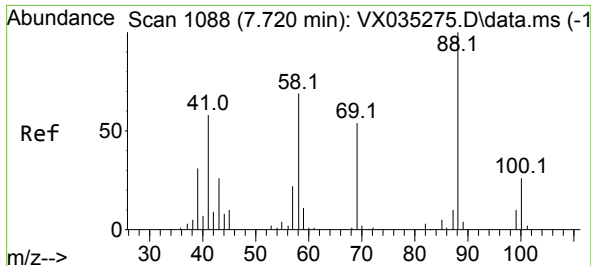
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 3.9 9.8 14.8#





#49

1,4-Dioxane

Concen: 2.218 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. 0.049 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

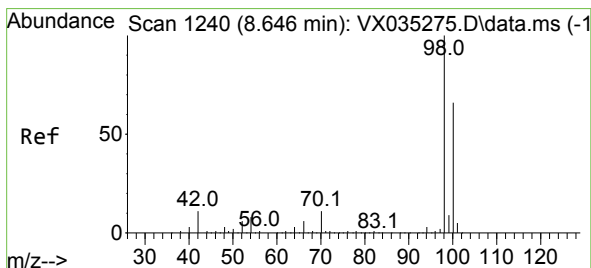
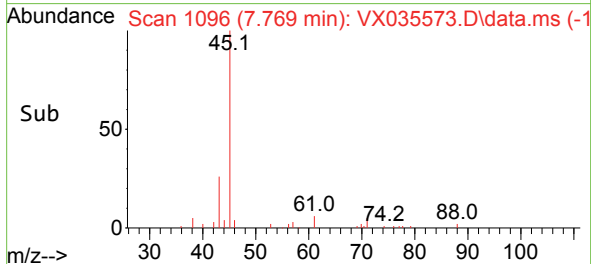
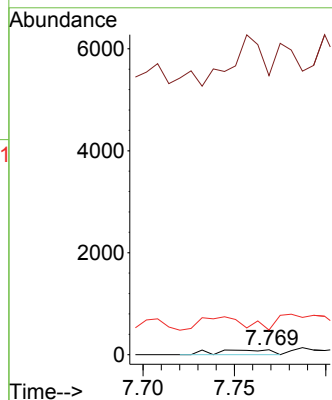
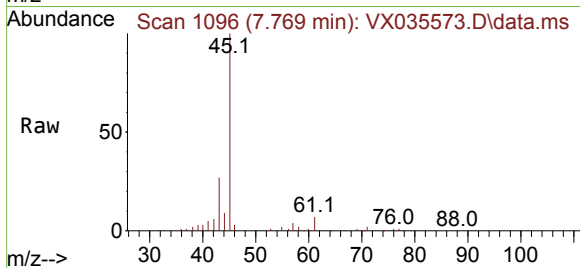
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 51.070 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035573.D

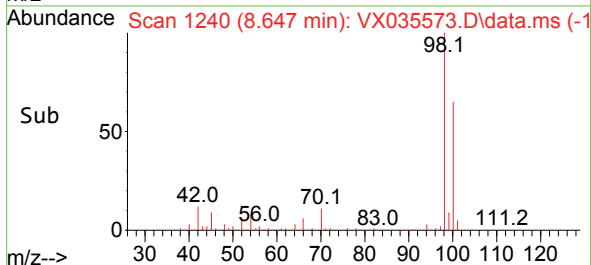
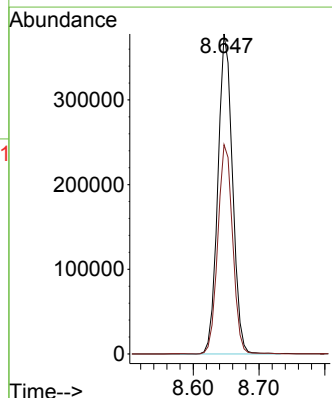
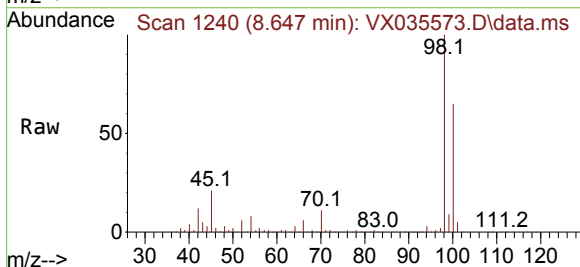
Acq: 08 May 2023 20:17

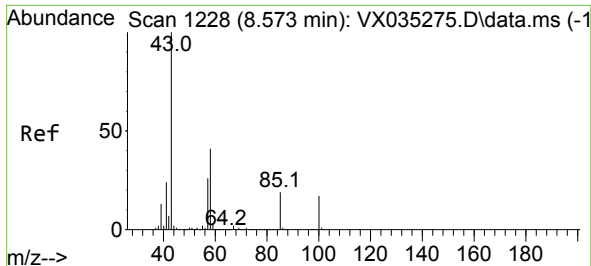
Tgt Ion: 98 Resp: 585166

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.408 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

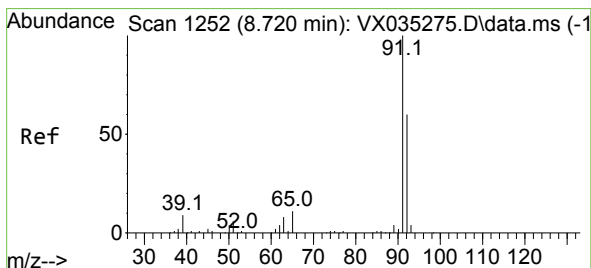
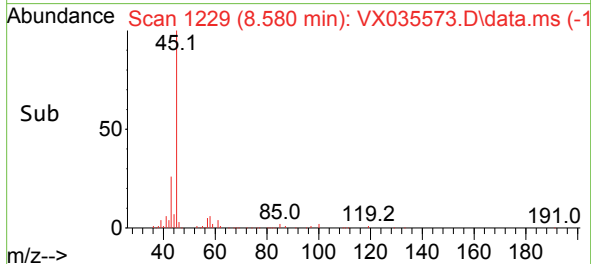
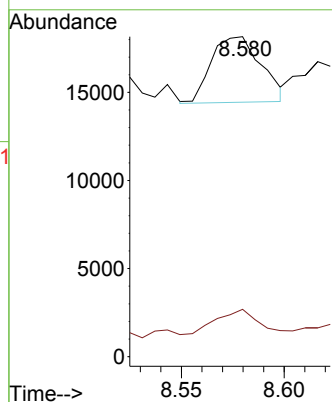
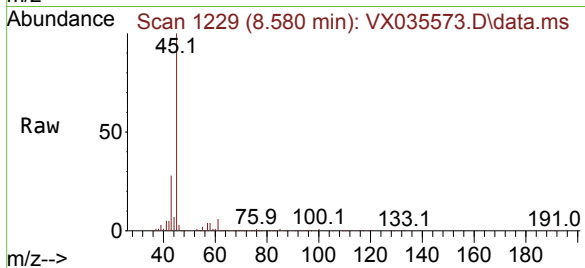
ORA-1636

Tgt Ion: 43 Resp: 6297

Ion Ratio Lower Upper

43 100

58 35.2 30.6 46.0



#52

Toluene

Concen: 143.447 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035573.D

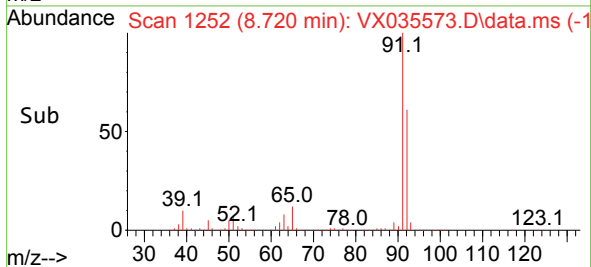
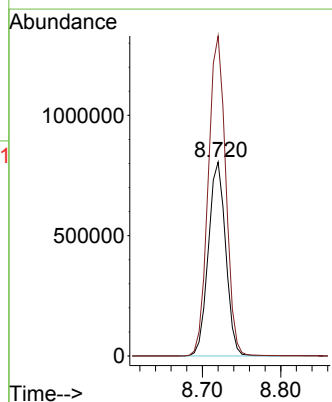
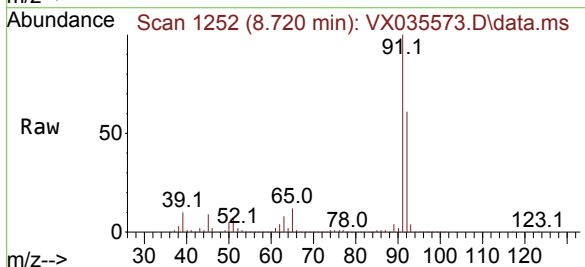
Acq: 08 May 2023 20:17

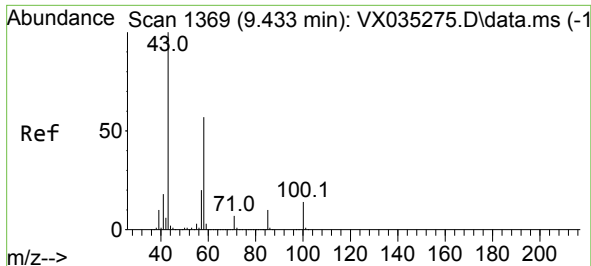
Tgt Ion: 92 Resp: 1237085

Ion Ratio Lower Upper

92 100

91 166.9 136.8 205.2





#59

2-Hexanone

Concen: 1837.890 ug/l

RT: 9.689 min Scan# 1411

Delta R.T. 0.256 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

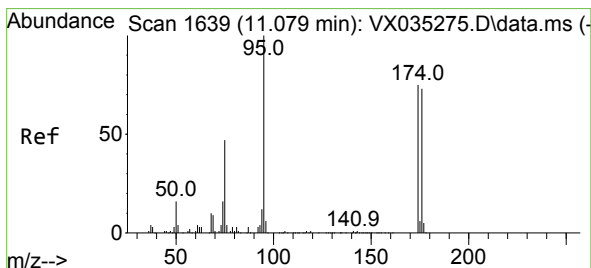
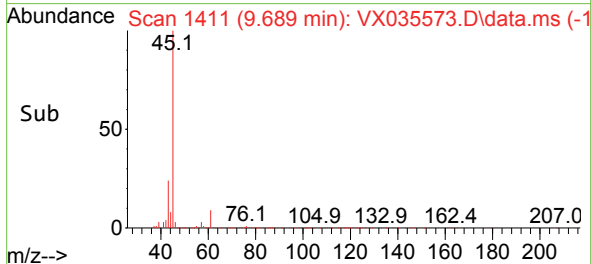
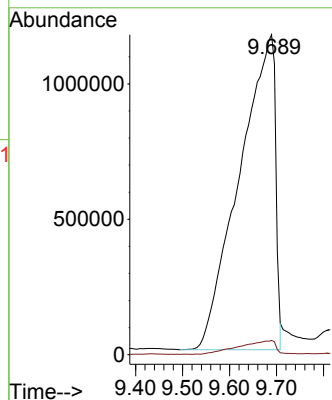
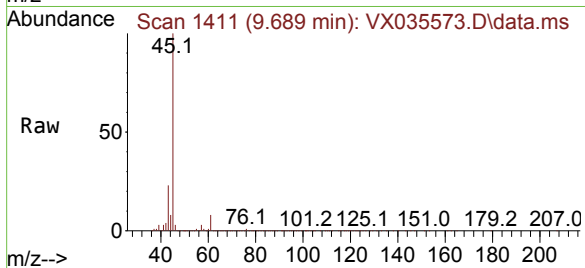
ORA-1636

Tgt Ion: 43 Resp: 6174148

Ion Ratio Lower Upper

43 100

58 4.4 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 51.980 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

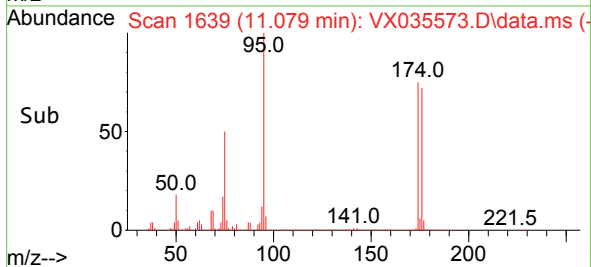
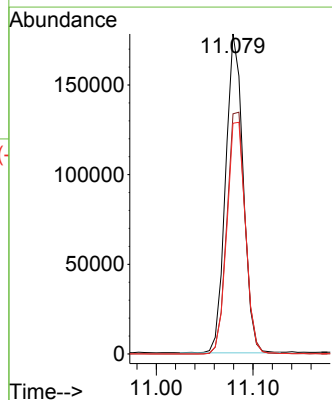
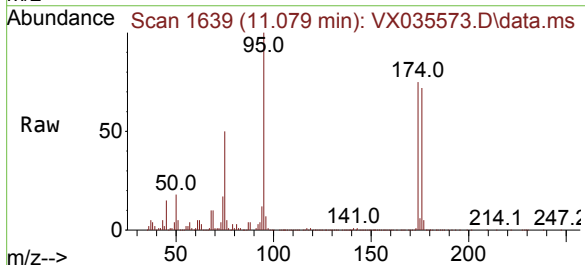
Tgt Ion: 95 Resp: 224050

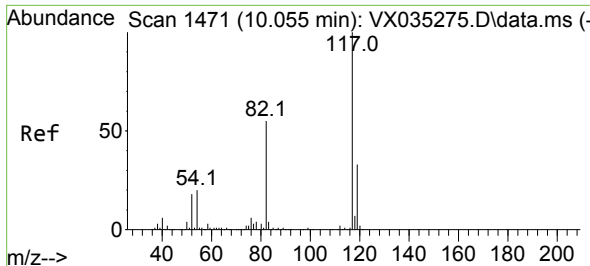
Ion Ratio Lower Upper

95 100

174 79.4 0.0 147.4

176 76.9 0.0 140.6

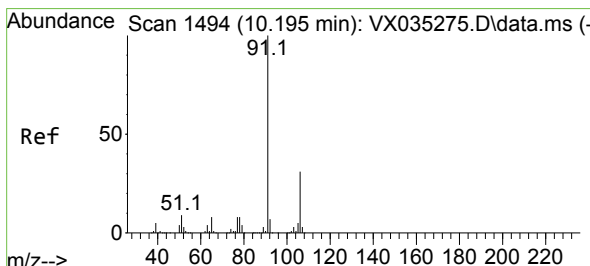
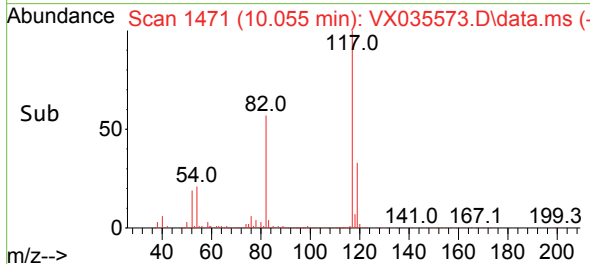
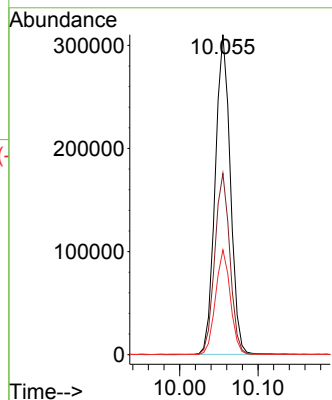
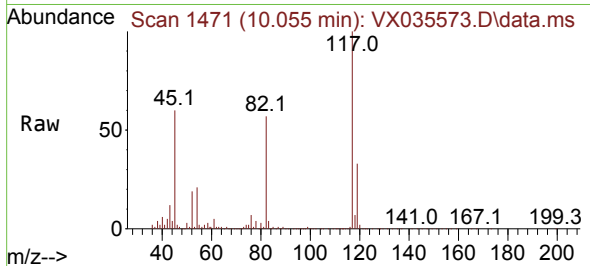




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

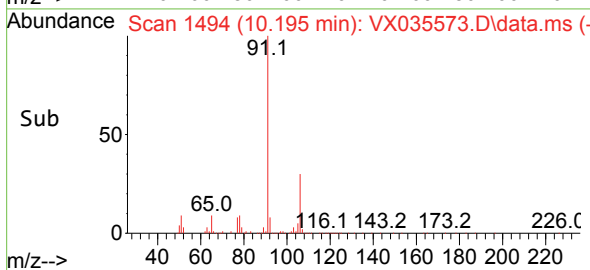
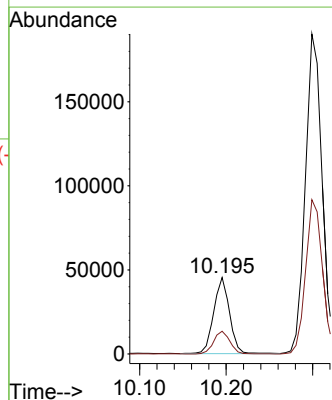
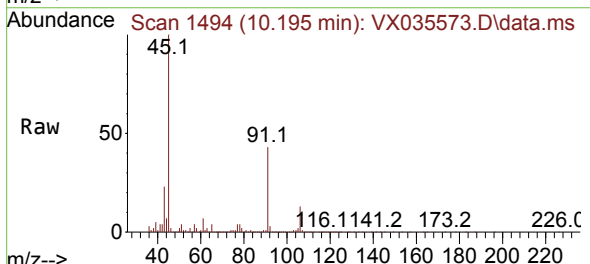
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

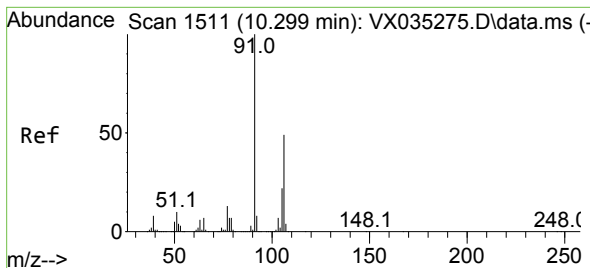
Tgt Ion:117 Resp: 416178
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.7 26.0 39.0



#67
Ethyl Benzene
Concen: 3.659 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 91 Resp: 57063
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

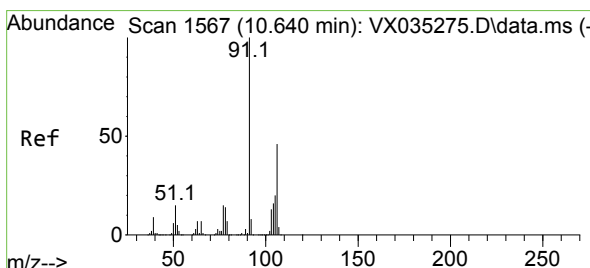
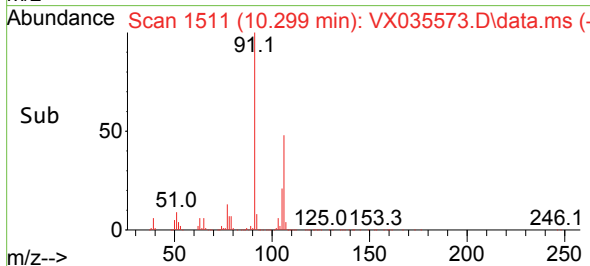
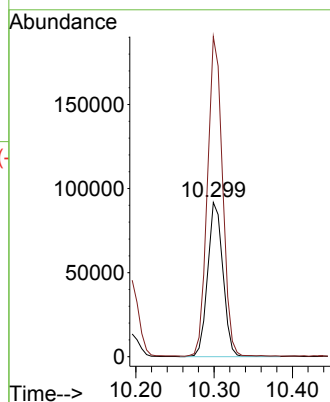
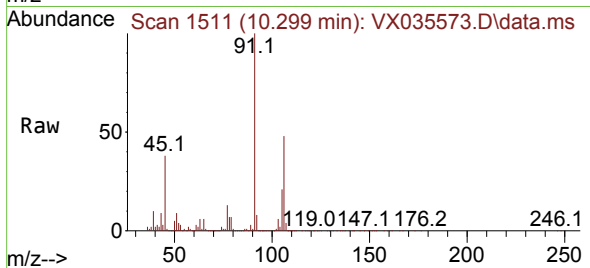




#68
m/p-Xylenes
Concen: 20.664 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

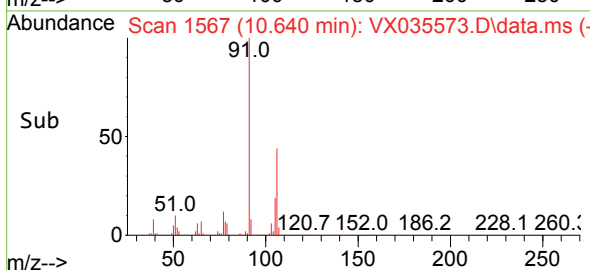
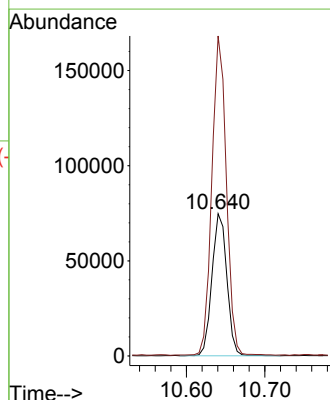
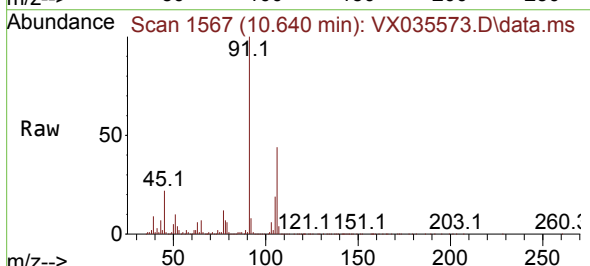
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

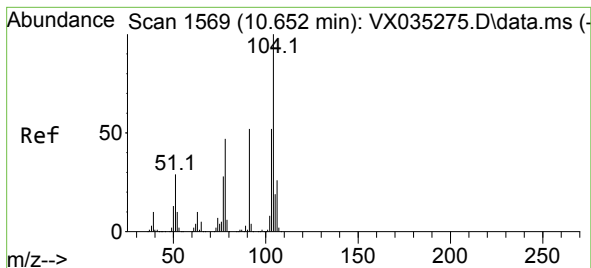
Tgt Ion:106 Resp: 123468
Ion Ratio Lower Upper
106 100
91 205.2 164.0 246.0



#69
o-Xylene
Concen: 16.786 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion:106 Resp: 98353
Ion Ratio Lower Upper
106 100
91 218.9 108.5 325.3





#70

Styrene

Concen: 0.649 ug/l

RT: 10.640 min Scan# 1569

Delta R.T. -0.012 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

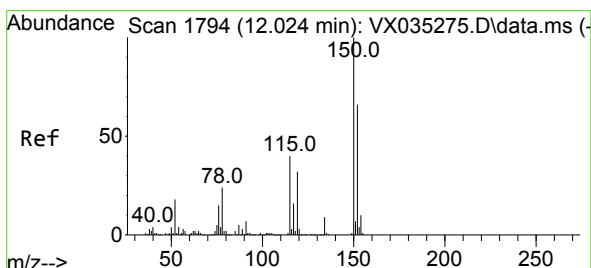
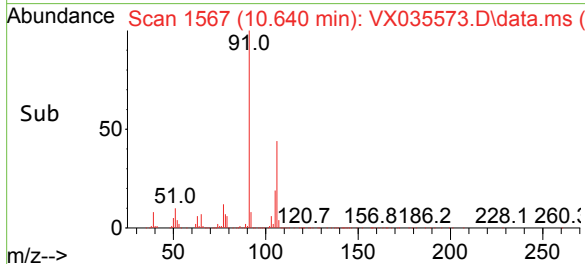
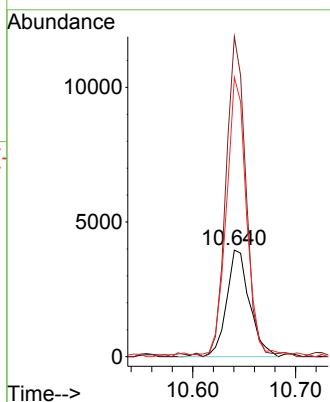
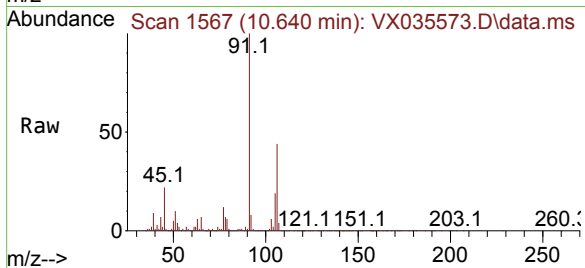
Tgt Ion:104 Resp: 6169

Ion Ratio Lower Upper

104 100

78 258.5 43.4 65.2#

103 231.9 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

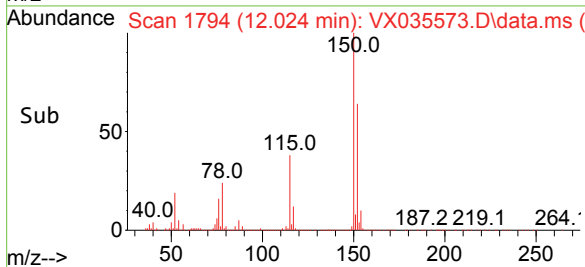
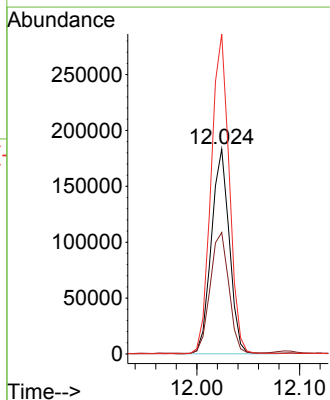
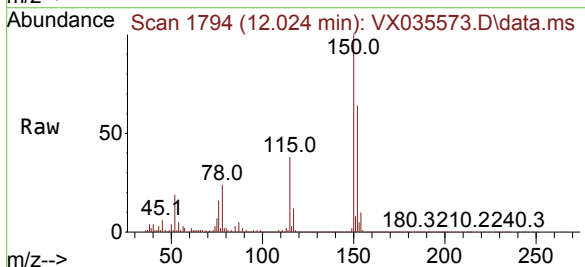
Tgt Ion:152 Resp: 221783

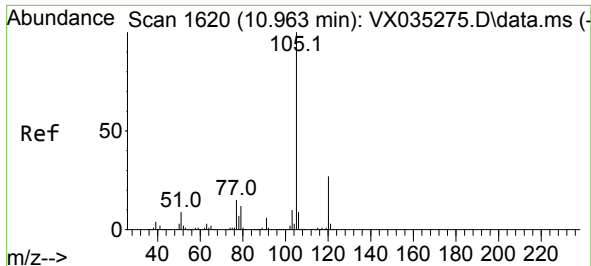
Ion Ratio Lower Upper

152 100

115 61.3 45.0 135.0

150 157.5 0.0 352.4

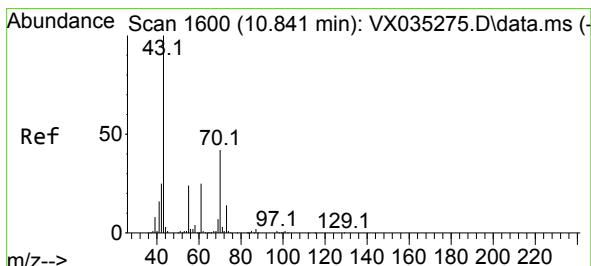
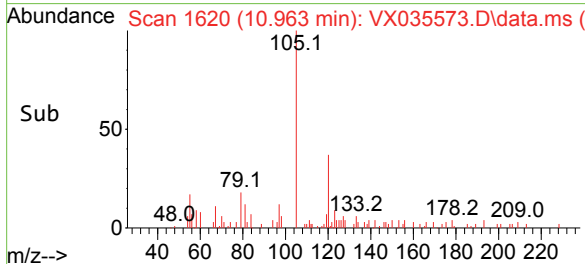
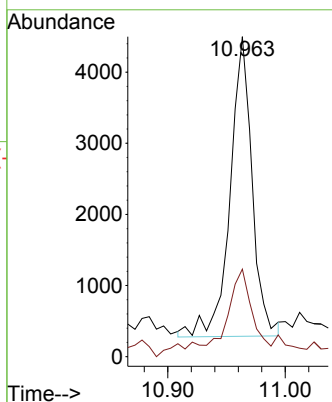
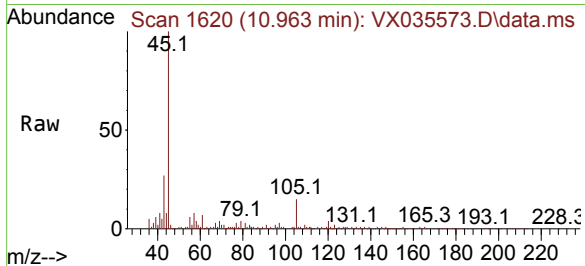




#73
Isopropylbenzene
Concen: 0.339 ug/l
RT: 10.963 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

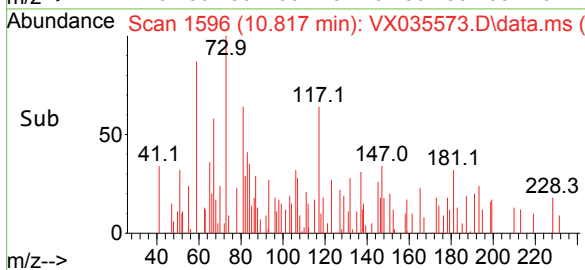
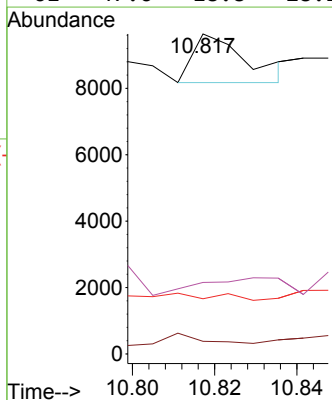
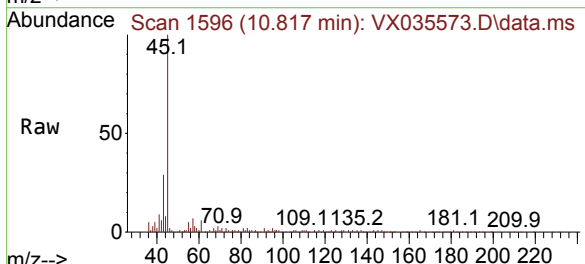
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

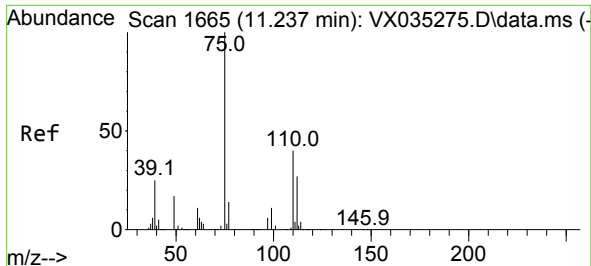
Tgt Ion:105 Resp: 5502
Ion Ratio Lower Upper
105 100
120 39.4 13.3 39.9



#74
N-ethyl acetate
Concen: 0.219 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
70 26.9 32.1 48.1#
55 77.0 18.3 27.5#
61 47.6 18.8 28.2#

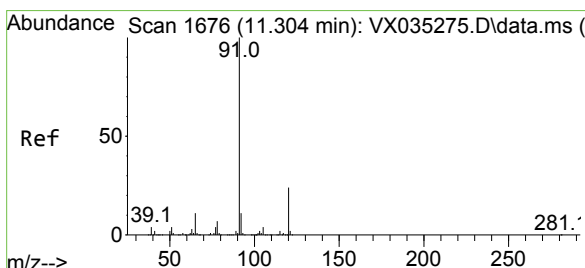
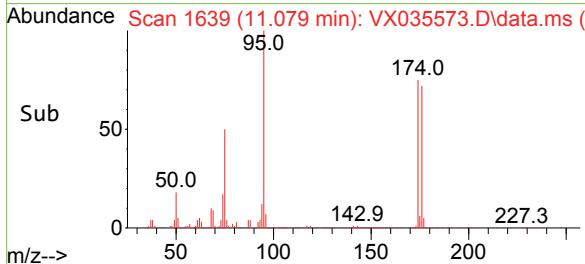
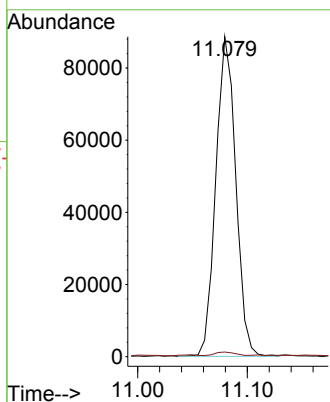
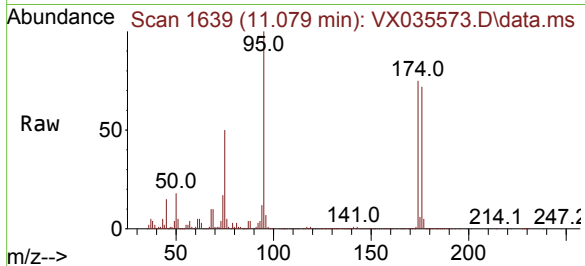




#76
1,2,3-Trichloropropane
Concen: 25.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

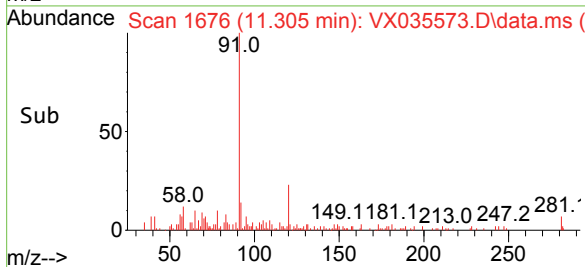
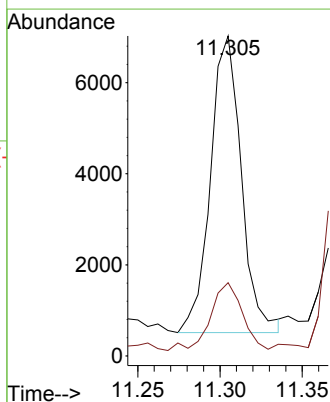
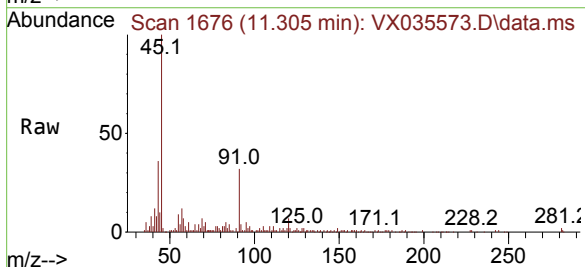
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

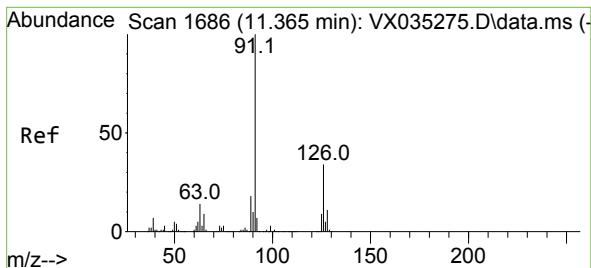
Tgt Ion: 75 Resp: 112068
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#78
n-propylbenzene
Concen: 0.457 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 91 Resp: 8517
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.934 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

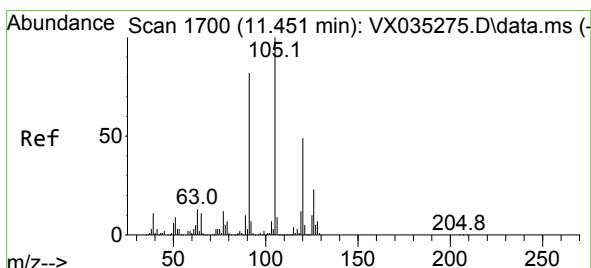
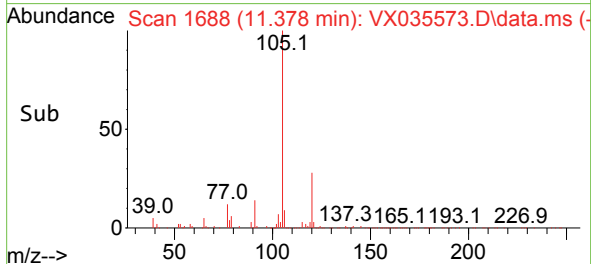
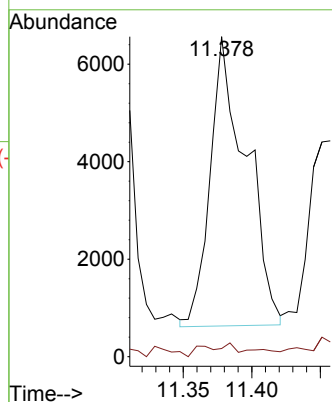
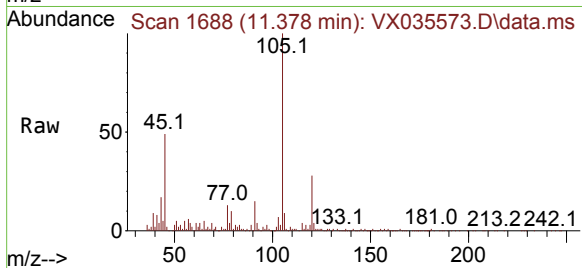
ORA-1636

Tgt Ion: 91 Resp: 10863

Ion Ratio Lower Upper

91 100

126 1.9 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 3.186 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035573.D

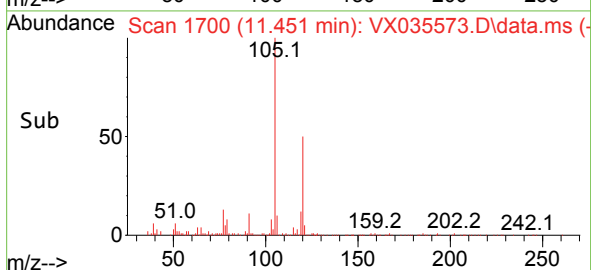
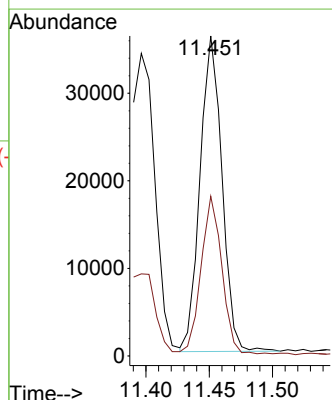
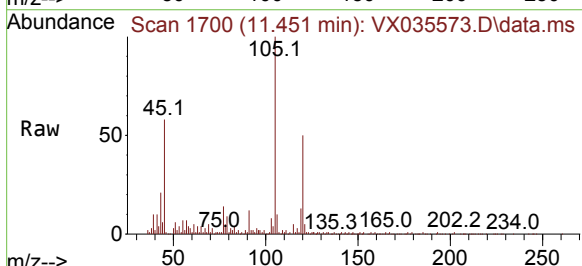
Acq: 08 May 2023 20:17

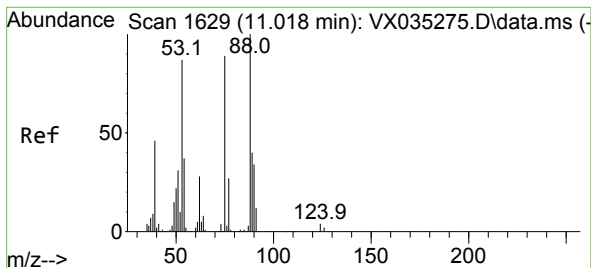
Tgt Ion: 105 Resp: 43552

Ion Ratio Lower Upper

105 100

120 48.4 23.7 71.1

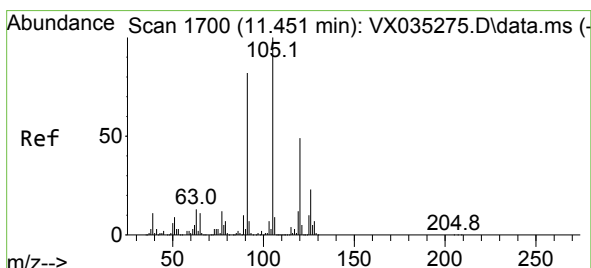
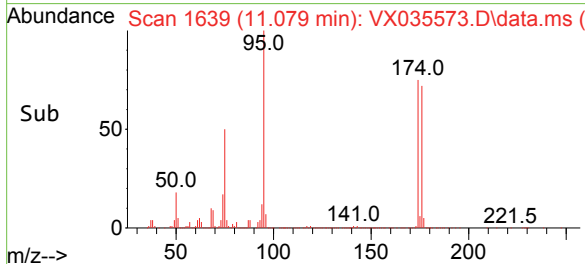
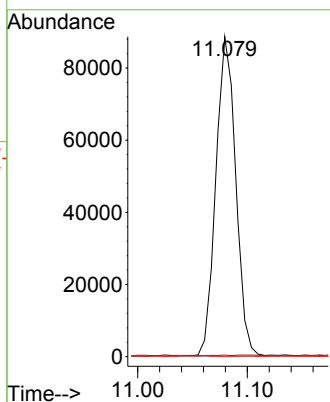
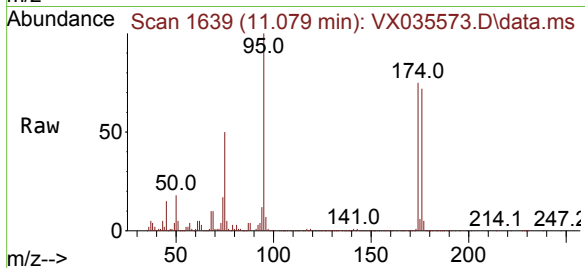




#81
trans-1,4-Dichloro-2-butene
Concen: 82.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

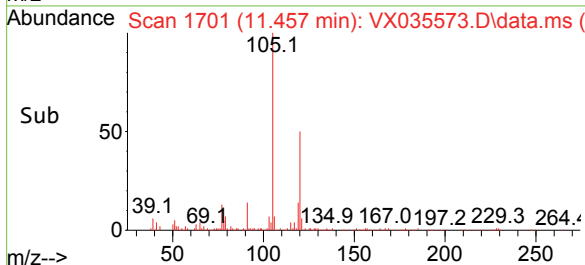
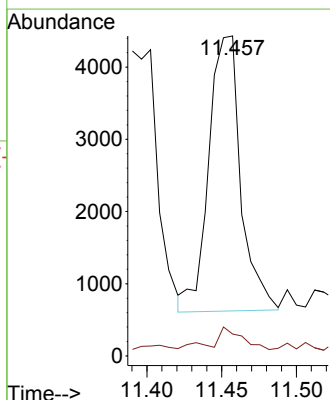
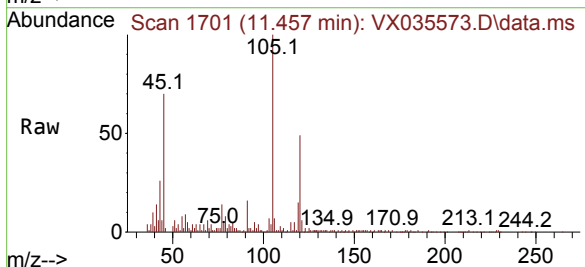
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

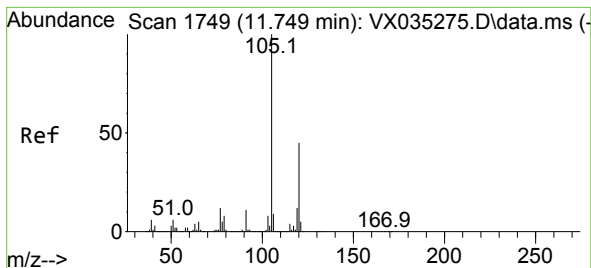
Tgt Ion: 75 Resp: 112068
Ion Ratio Lower Upper
75 100
53 0.1 82.6 124.0#
89 0.4 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.435 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 91 Resp: 5681
Ion Ratio Lower Upper
91 100
126 7.1 14.2 42.6#





#84

1,2,4-Trimethylbenzene

Concen: 6.180 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

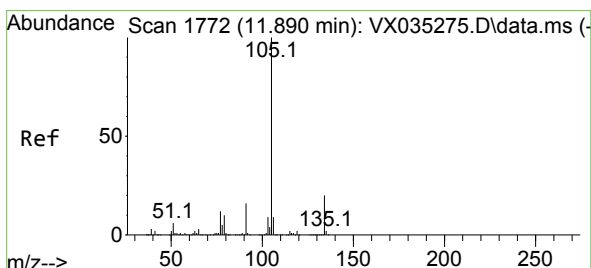
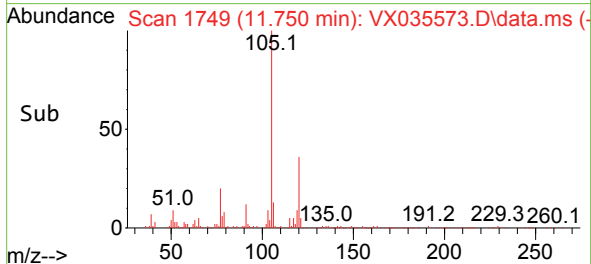
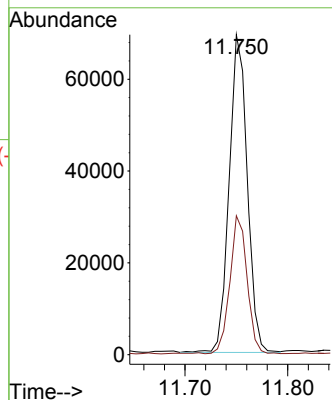
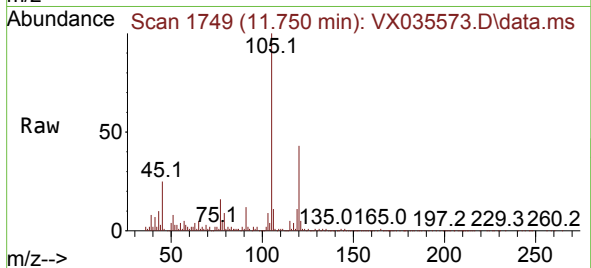
ORA-1636

Tgt Ion:105 Resp: 84879

Ion Ratio Lower Upper

105 100

120 41.8 22.4 67.0



#85

sec-Butylbenzene

Concen: 5.045 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX035573.D

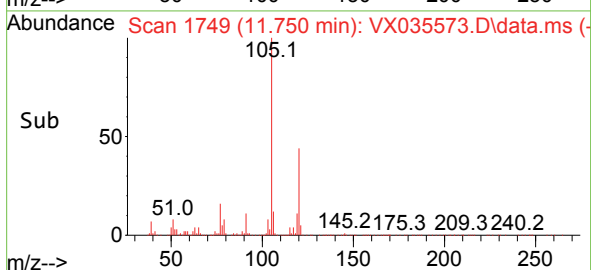
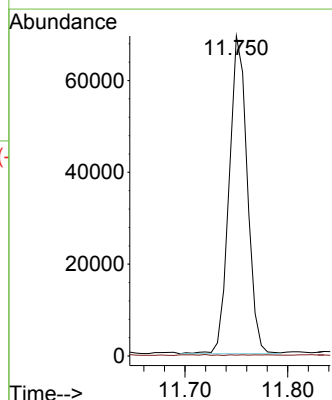
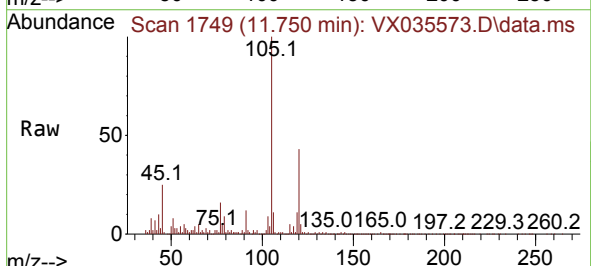
Acq: 08 May 2023 20:17

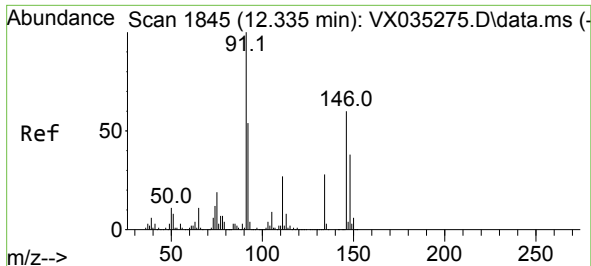
Tgt Ion:105 Resp: 84879

Ion Ratio Lower Upper

105 100

134 0.4 10.2 30.4#

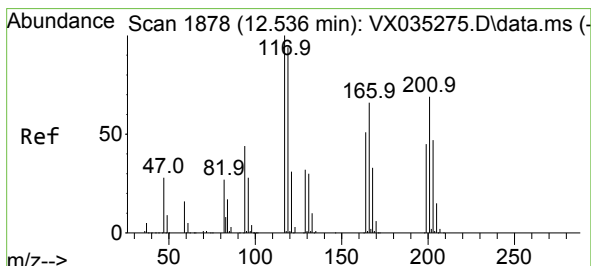
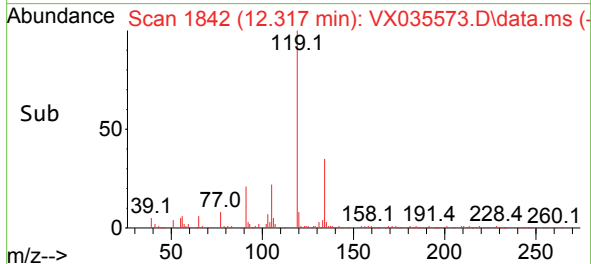
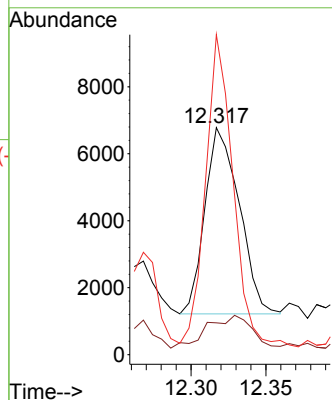
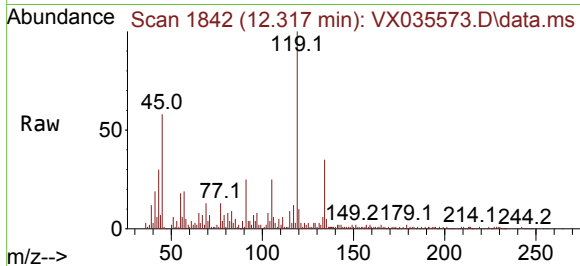




#89
n-Butylbenzene
Concen: 0.737 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

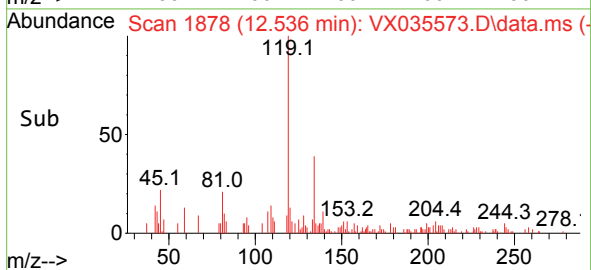
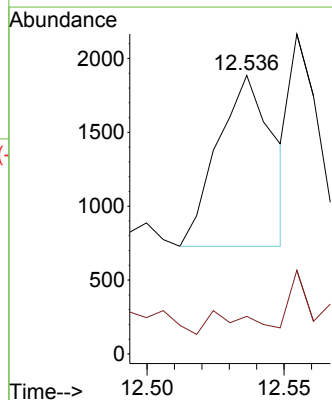
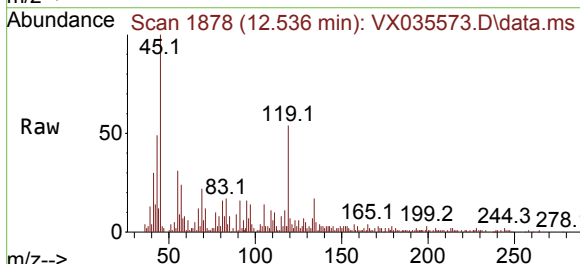
Instrument :
MSVOA_X
ClientSampleId :
ORA-1636

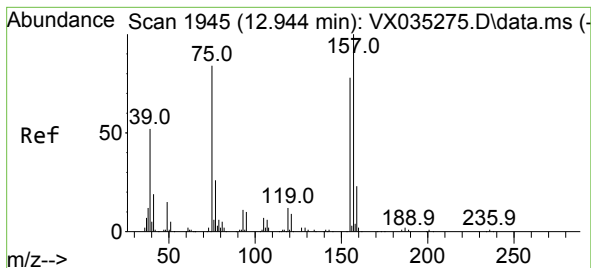
Tgt Ion: 91 Resp: 8903
Ion Ratio Lower Upper
91 100
92 22.5 27.7 83.0#
134 134.5 13.0 38.9#



#90
Hexachloroethane
Concen: 0.740 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035573.D
Acq: 08 May 2023 20:17

Tgt Ion: 117 Resp: 1620
Ion Ratio Lower Upper
117 100
201 16.0 34.4 103.1#

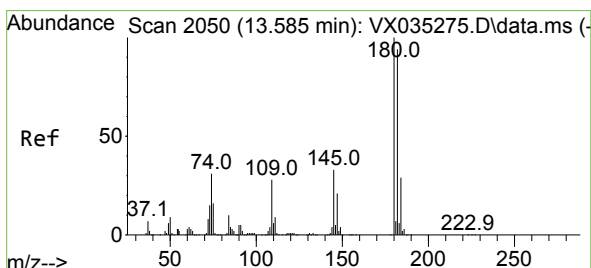
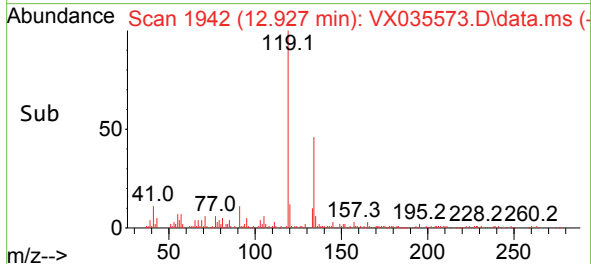
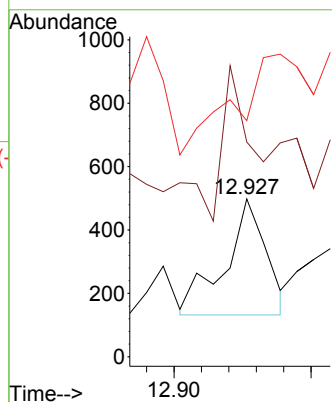
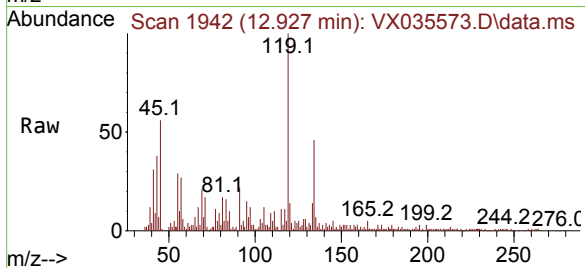




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.381 ug/l
 RT: 12.927 min Scan# 1942
 Delta R.T. -0.017 min
 Lab File: VX035573.D
 Acq: 08 May 2023 20:17

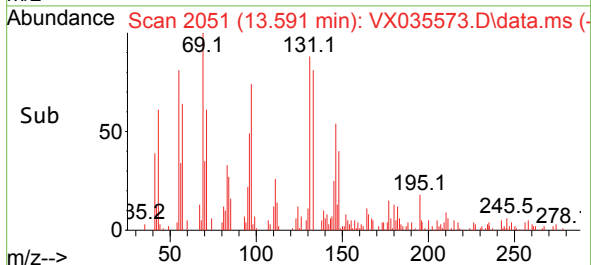
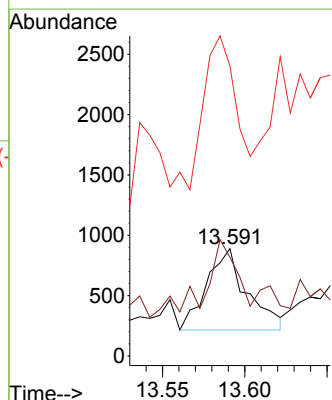
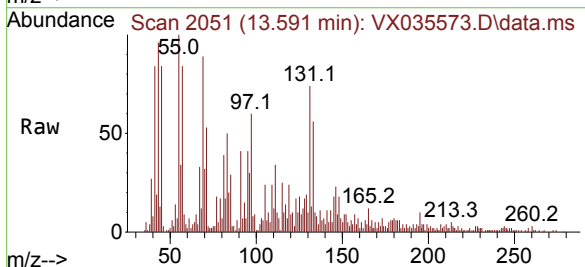
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1636

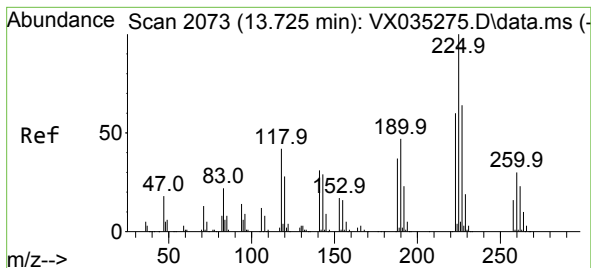
Tgt Ion: 75 Resp: 384
 Ion Ratio Lower Upper
 75 100
 155 53.6 38.4 115.1
 157 87.8 49.9 149.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035573.D
 Acq: 08 May 2023 20:17

Tgt Ion: 180 Resp: 1155
 Ion Ratio Lower Upper
 180 100
 182 56.9 47.0 141.0
 145 149.8 15.9 47.7#





#94

Hexachlorobutadiene

Concen: 0.325 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

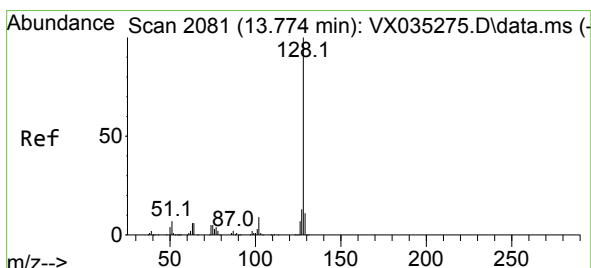
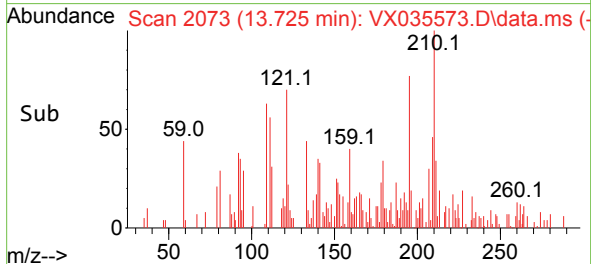
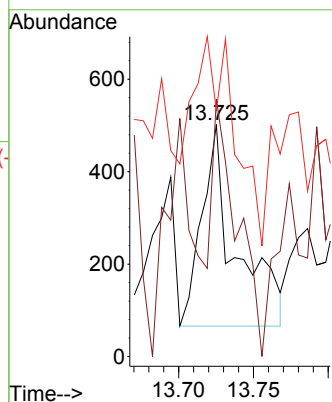
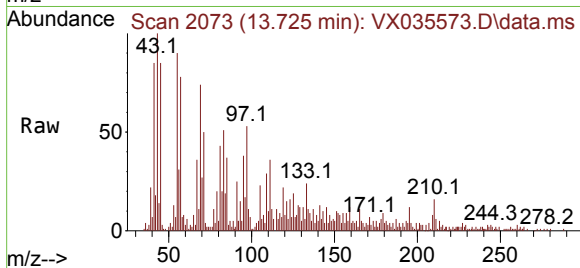
Instrument :

MSVOA_X

ClientSampleId :

ORA-1636

Tgt Ion:	225	Resp:	686
Ion Ratio	Lower	Upper	
225	100		
223	92.0	32.1	96.5
227	127.8	31.8	95.4#



#95

Naphthalene

Concen: 2.549 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035573.D

Acq: 08 May 2023 20:17

Tgt Ion:	128	Resp:	37776
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.2	15.4
129	14.8	8.6	13.0#

