

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029674.D
 Acq On : 21 Jun 2022 20:03
 Operator : JC/MD
 Sample : N3398-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021

Quant Time: Jun 22 01:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	247572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	418707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134995	41.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.380%
35) Dibromofluoromethane	5.391	113	123274	45.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.653	98	477151	47.867	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	11.079	95	174746	46.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.282	85	217	0.072	ug/l #	42
4) Vinyl Chloride	1.246	62	53	0.018	ug/l #	1
8) Diethyl Ether	1.989	74	29	0.018	ug/l #	7
11) Tert butyl alcohol	2.965	59	31804	36.636	ug/l	99
12) 1,1-Dichloroethene	2.209	96	80	0.032	ug/l #	1
15) Acrylonitrile	3.068	53	51	0.033	ug/l #	18
16) Acetone	2.380	43	312986	239.606	ug/l	98
17) Carbon Disulfide	2.514	76	2471	0.380	ug/l	100
18) Methyl Acetate	2.709	43	3278	0.949	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	21	0.002	ug/l #	55
20) Methylene Chloride	2.794	84	599	0.206	ug/l	90
22) Diisopropyl ether	3.885	45	30	0.004	ug/l #	77
23) Vinyl Acetate	3.709	43	49	0.007	ug/l #	66
25) 2-Butanone	4.562	43	163652	79.260	ug/l	98
29) Tetrahydrofuran	5.019	42	7534	5.475	ug/l	94
32) 1,1,1-Trichloroethane	5.544	97	23	0.005	ug/l #	1
39) Methylcyclohexane	7.623	83	20	0.004	ug/l #	21
40) Benzene	6.037	78	3101	0.283	ug/l	99
42) 1,2-Dichloroethane	6.092	62	176	0.047	ug/l #	73
45) 1,2-Dichloropropane	7.580	63	25	0.009	ug/l #	53
47) Bromodichloromethane	7.623	83	20	0.005	ug/l #	24
51) 4-Methyl-2-Pentanone	8.574	43	5865	1.546	ug/l	95
52) Toluene	8.720	92	23454	3.346	ug/l	98
53) t-1,3-Dichloropropene	8.903	75	367	0.098	ug/l #	43
55) 1,1,2-Trichloroethane	9.000	97	45	0.016	ug/l #	16
56) Ethyl methacrylate	9.189	69	636	0.149	ug/l #	74
58) 2-Chloroethyl Vinyl ether	8.439	63	21	0.010	ug/l #	45
59) 2-Hexanone	9.439	43	3139	1.093	ug/l	95
60) Dibromochloromethane	9.275	129	21	0.008	ug/l #	9
66) 1,1,1,2-Tetrachloroethane	10.220	131	31	0.012	ug/l #	8
67) Ethyl Benzene	10.195	91	1791	0.138	ug/l #	76
68) m/p-Xylenes	10.299	106	2878	0.569	ug/l	97
69) o-Xylene	10.646	106	1346	0.269	ug/l	91
70) Styrene	10.665	104	1396	0.171	ug/l	96
71) Bromoform	10.805	173	29	0.016	ug/l #	29
73) Isopropylbenzene	10.963	105	328	0.026	ug/l	83

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

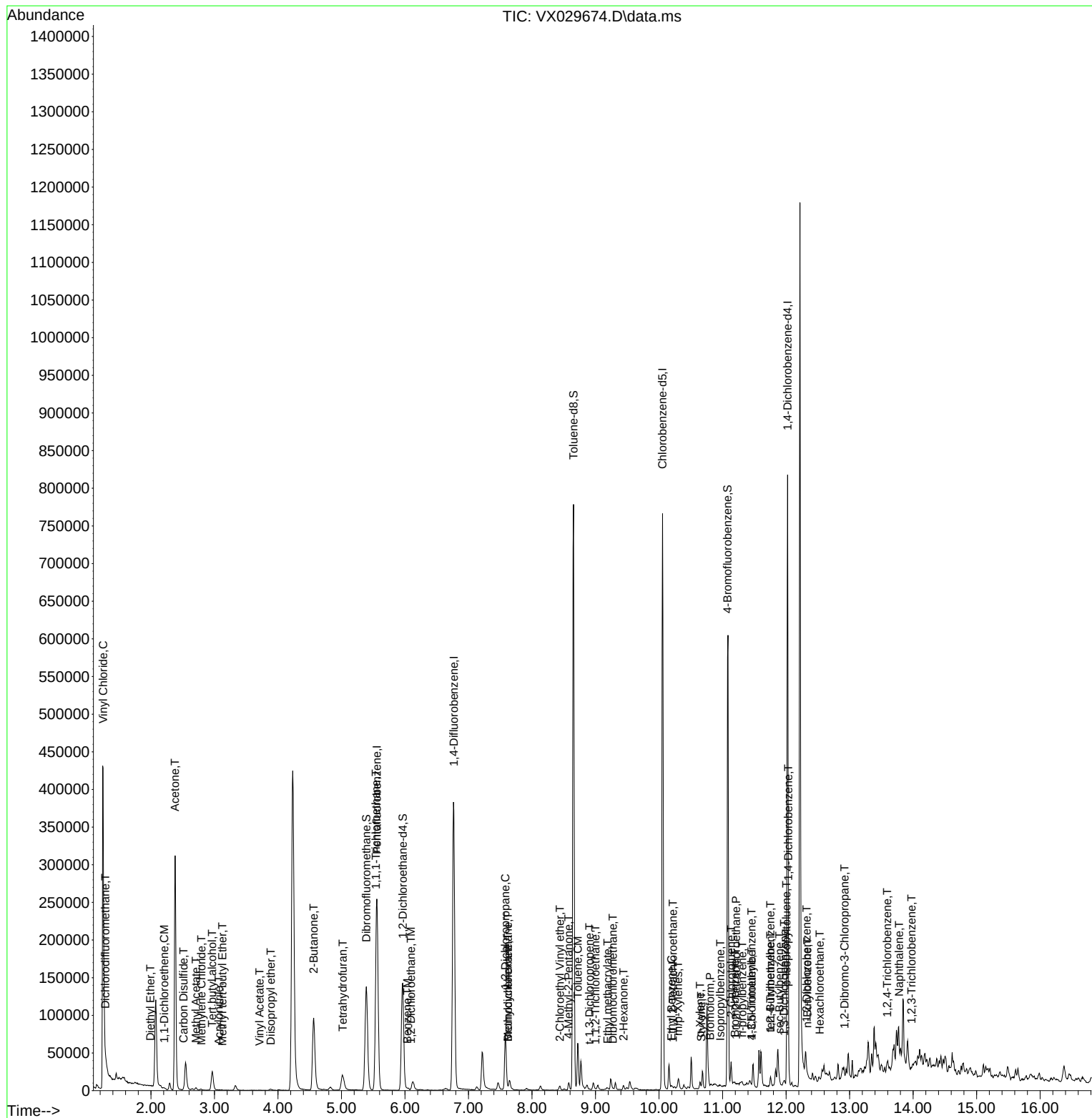
75) 1,1,2,2-Tetrachloroethane	11.213	83	160	0.039	ug/l #	25
77) Bromobenzene	11.195	156	125	0.043	ug/l #	50
78) n-propylbenzene	11.311	91	1162	0.081	ug/l	94
79) 2-Chlorotoluene	11.134	91	157	0.018	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	1407	0.131	ug/l	92
82) 4-Chlorotoluene	11.457	91	505	0.050	ug/l #	45
83) tert-Butylbenzene	11.756	119	727	0.069	ug/l #	73
84) 1,2,4-Trimethylbenzene	11.756	105	4655	0.434	ug/l	96
85) sec-Butylbenzene	11.896	105	370	0.028	ug/l #	56
86) p-Isopropyltoluene	12.006	119	516	0.047	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	257	0.046	ug/l #	41
88) 1,4-Dichlorobenzene	12.036	146	387	0.070	ug/l #	1
89) n-Butylbenzene	12.335	91	714	0.078	ug/l #	69
90) Hexachloroethane	12.530	117	75	0.048	ug/l #	10
91) 1,2-Dichlorobenzene	12.323	146	243	0.045	ug/l #	38
92) 1,2-Dibromo-3-Chloropr...	12.920	75	30	0.033	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	85	0.026	ug/l #	1
95) Naphthalene	13.780	128	13852	1.159	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.975	180	591	0.177	ug/l	59

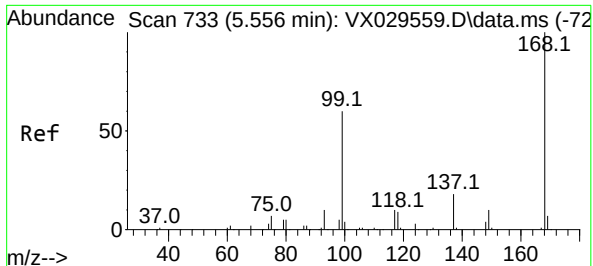
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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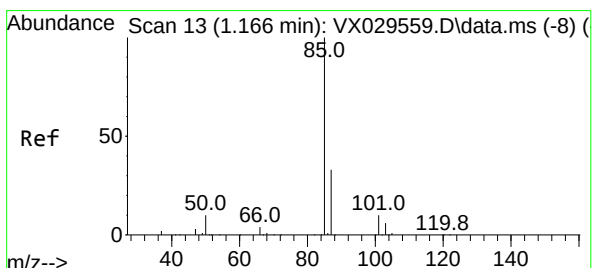
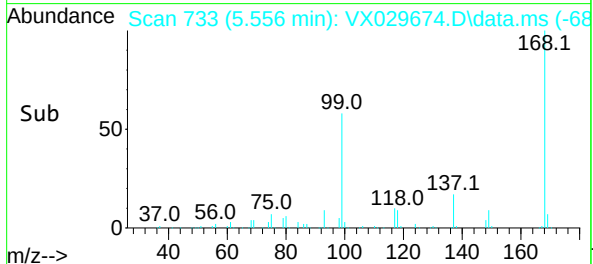
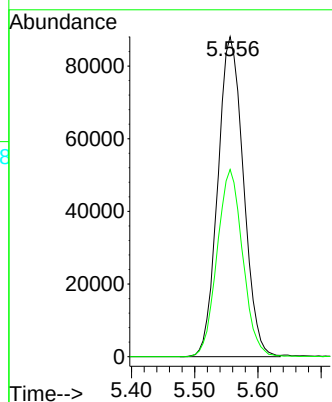
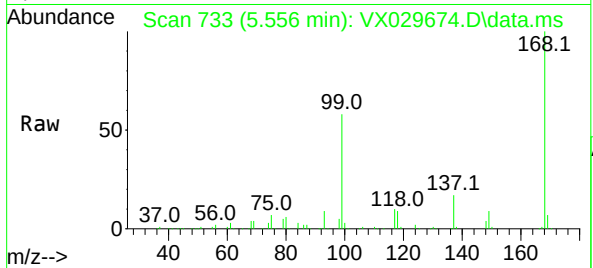




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

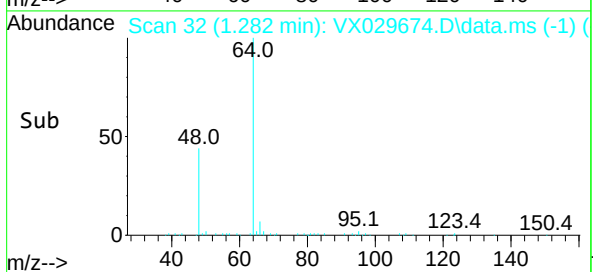
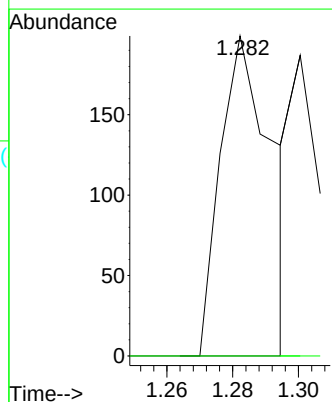
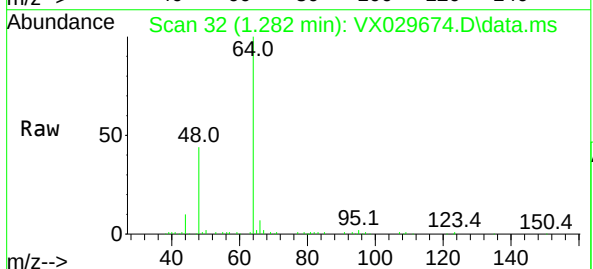
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

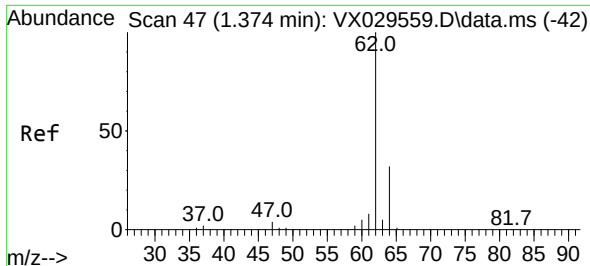
Tgt Ion:168 Resp: 247572
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.072 ug/l
RT: 1.282 min Scan# 32
Delta R.T. 0.116 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 85 Resp: 217
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

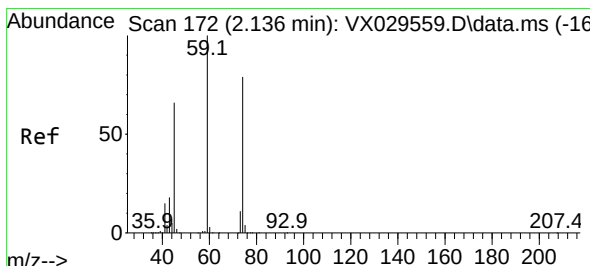
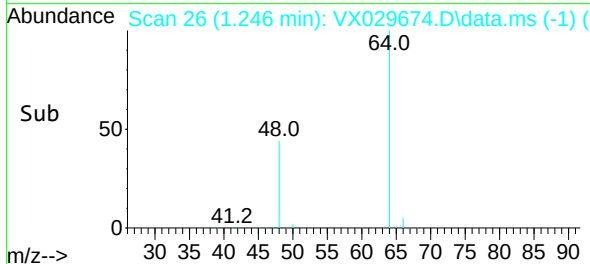
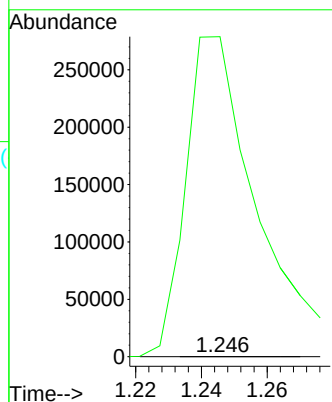
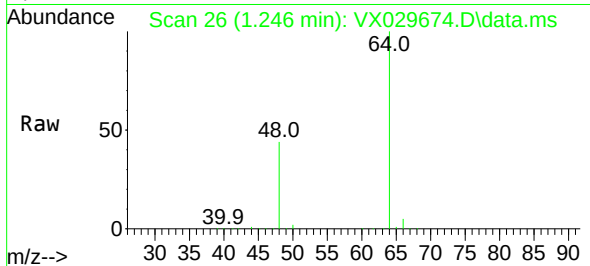




#4
 Vinyl Chloride
 Concen: 0.018 ug/l
 RT: 1.246 min Scan# 2
 Delta R.T. -0.128 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

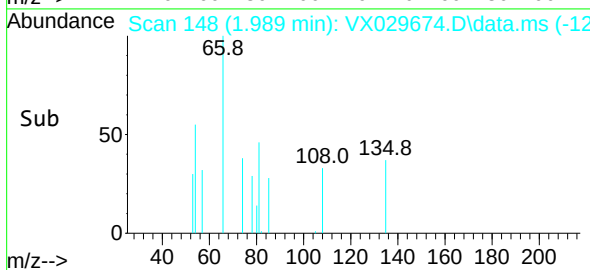
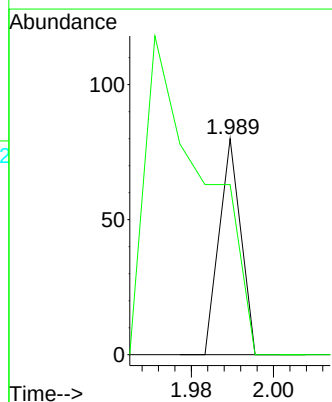
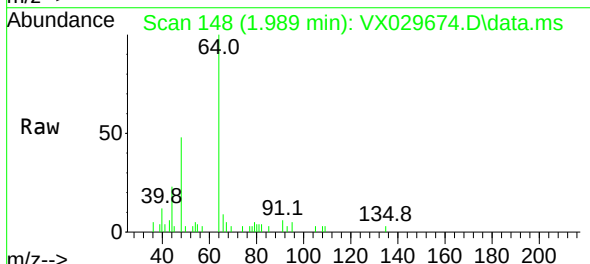
Instrument :
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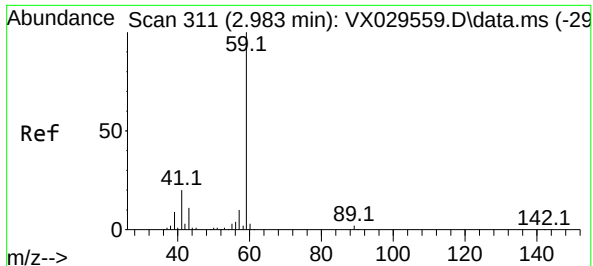
Tgt Ion: 62 Resp: 53
 Ion Ratio Lower Upper
 62 100
 64 272064.9 25.5 38.3#



#8
 Diethyl Ether
 Concen: 0.018 ug/l
 RT: 1.989 min Scan# 148
 Delta R.T. -0.147 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

Tgt Ion: 74 Resp: 29
 Ion Ratio Lower Upper
 74 100
 45 0.0 42.0 126.0#

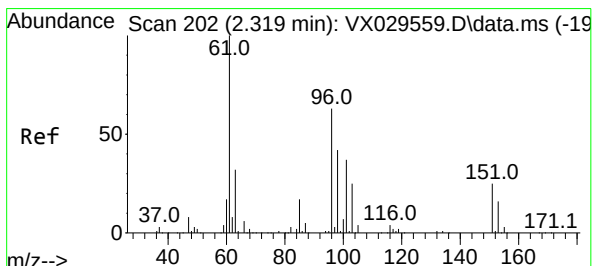
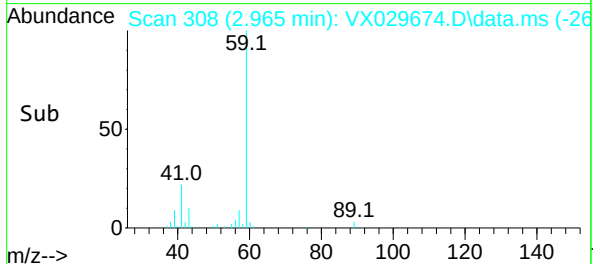
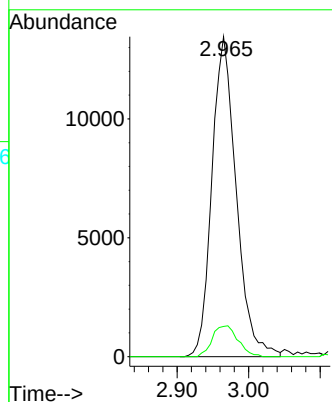
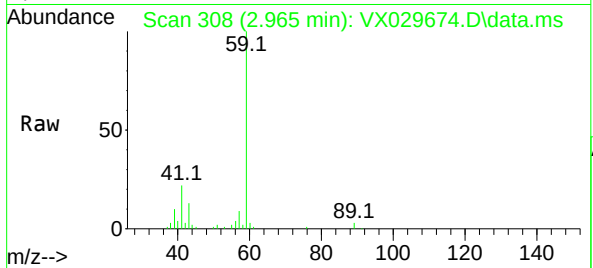




#11
Tert butyl alcohol
Concen: 36.636 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

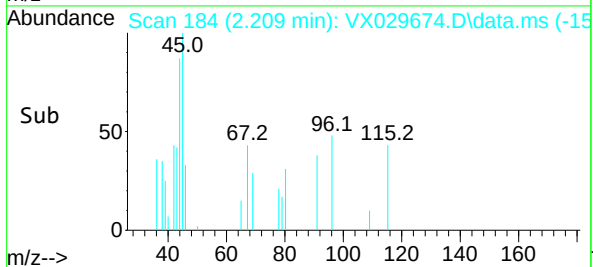
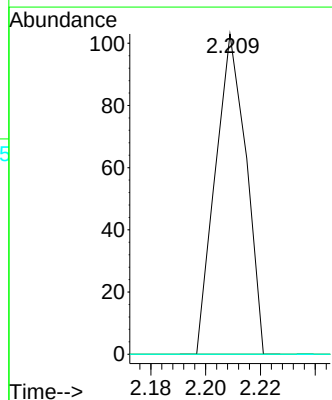
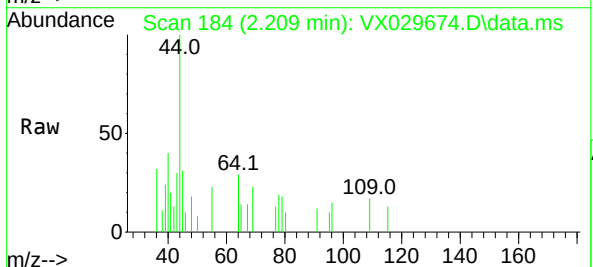
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

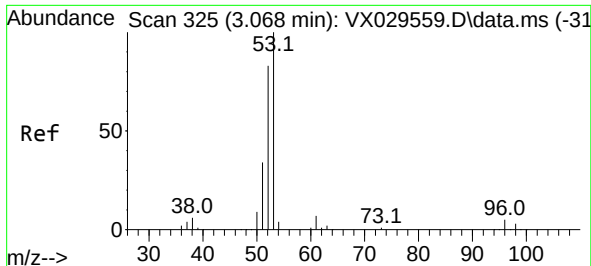
Tgt Ion: 59 Resp: 31804
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 0.032 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.110 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 96 Resp: 80
Ion Ratio Lower Upper
96 100
61 0.0 124.6 187.0#
98 0.0 51.0 76.4#





#15

Acrylonitrile

Concen: 0.033 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

ORA-021

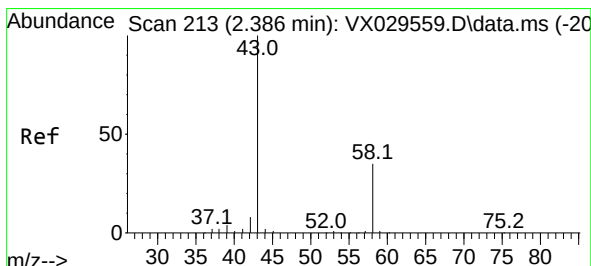
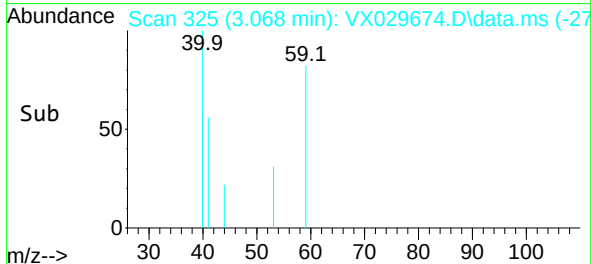
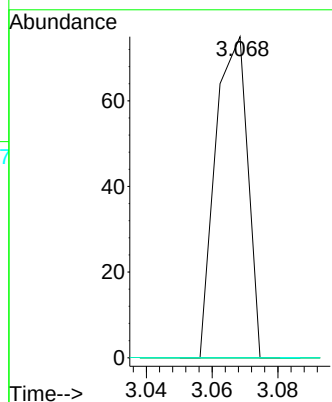
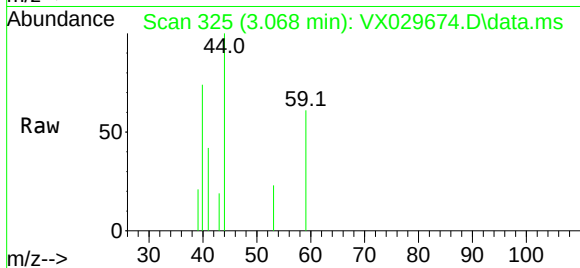
Tgt Ion: 53 Resp: 51

Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 239.606 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029674.D

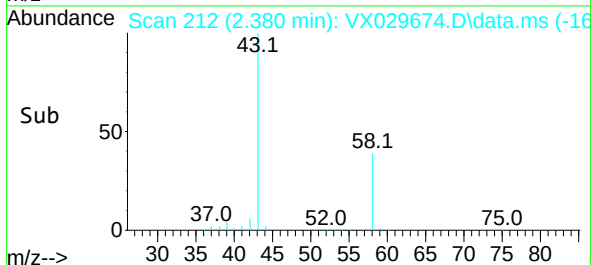
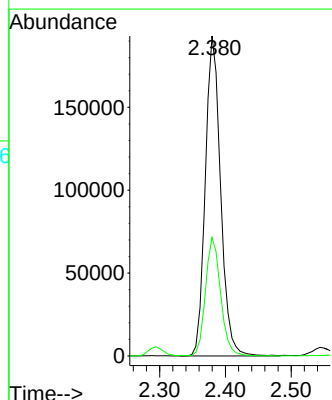
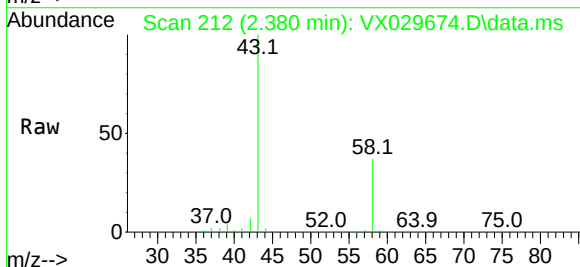
Acq: 21 Jun 2022 20:03

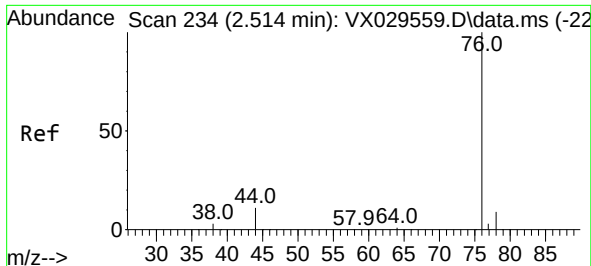
Tgt Ion: 43 Resp: 312986

Ion Ratio Lower Upper

43 100

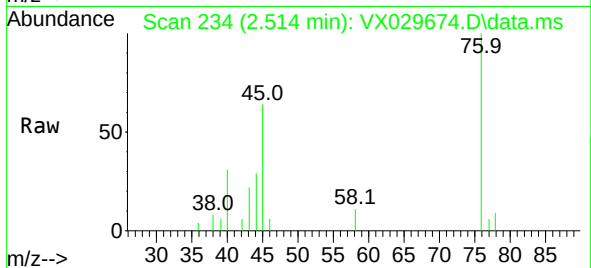
58 37.0 28.8 43.2



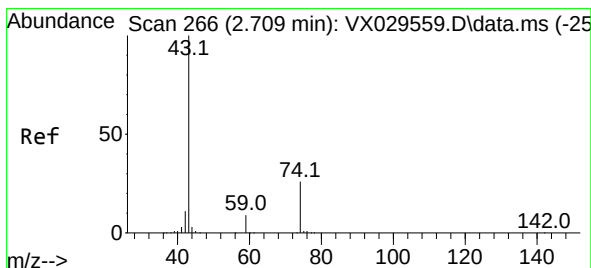
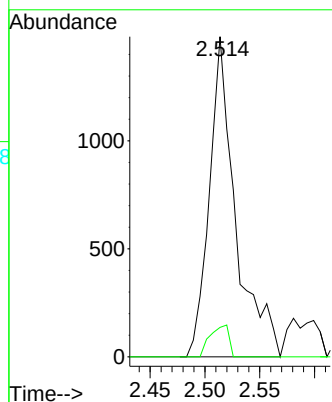
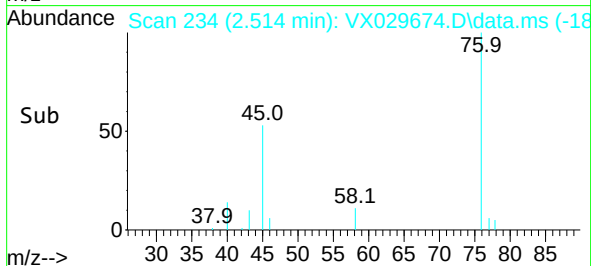


#17
Carbon Disulfide
Concen: 0.380 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
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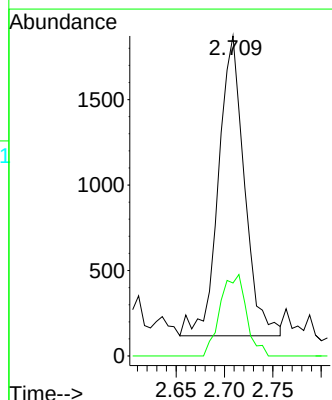
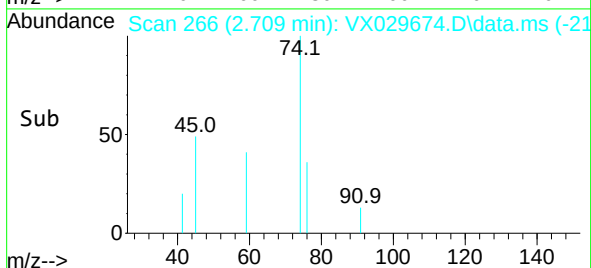
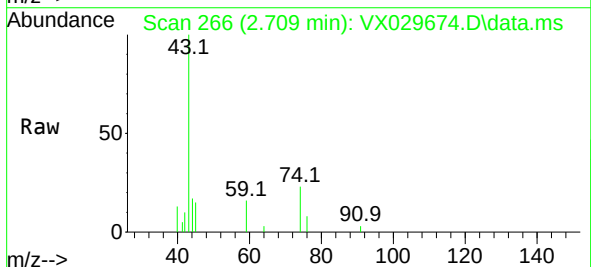


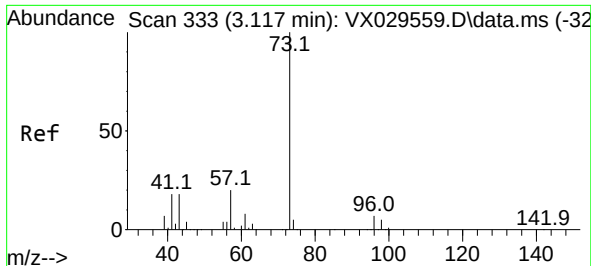
Tgt Ion: 76 Resp: 2471
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 0.949 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 43 Resp: 3278
Ion Ratio Lower Upper
43 100
74 27.2 22.8 34.2





#19

Methyl tert-butyl Ether

Concen: 0.002 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

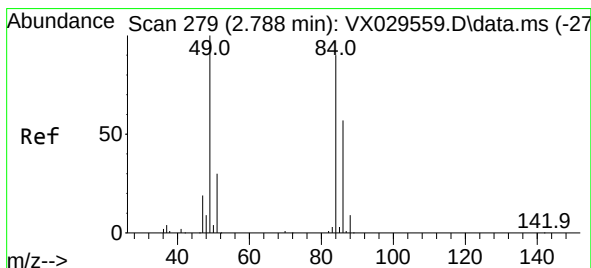
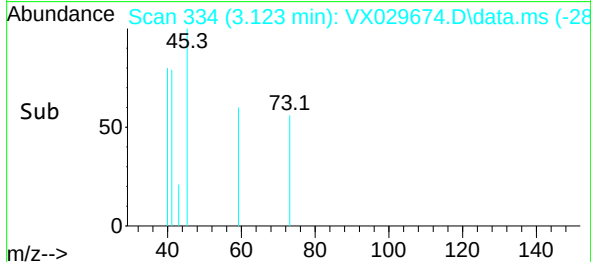
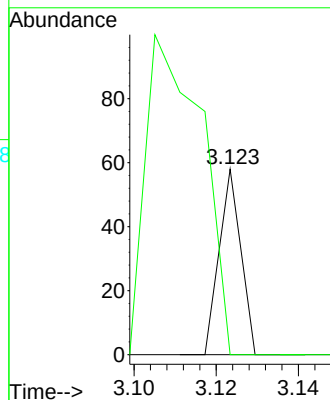
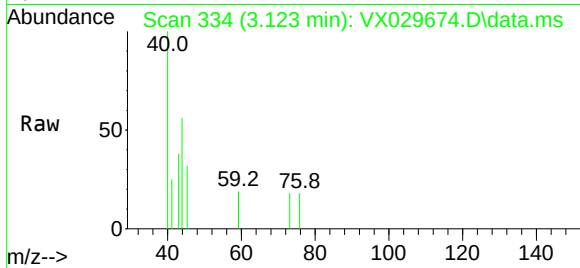
ORA-021

Tgt Ion: 73 Resp: 21

Ion Ratio Lower Upper

73 100

57 0.0 16.8 25.2#



#20

Methylene Chloride

Concen: 0.206 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Tgt Ion: 84 Resp: 599

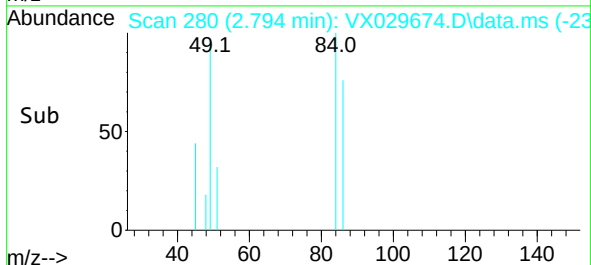
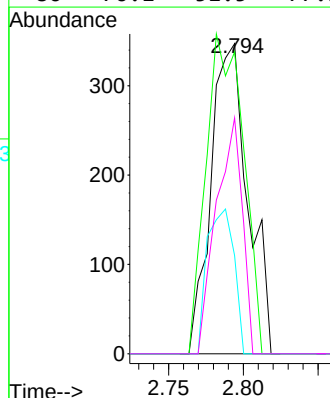
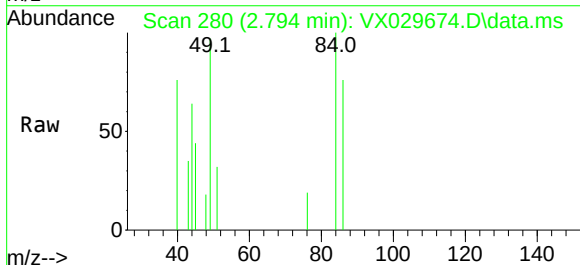
Ion Ratio Lower Upper

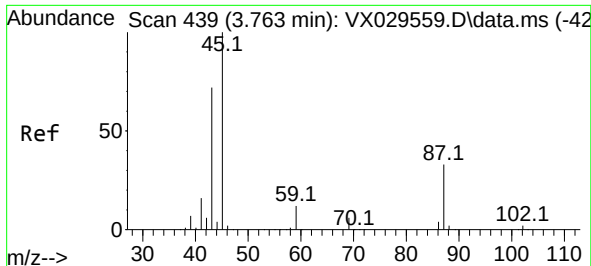
84 100

49 97.4 85.5 128.3

51 31.7 26.6 39.8

86 76.1 51.5 77.3

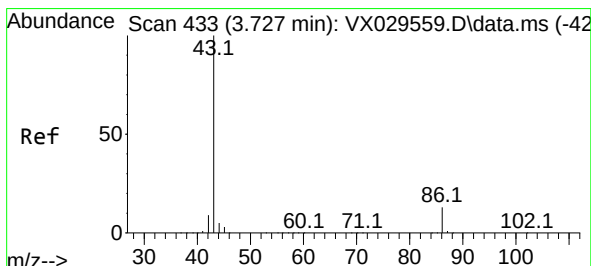
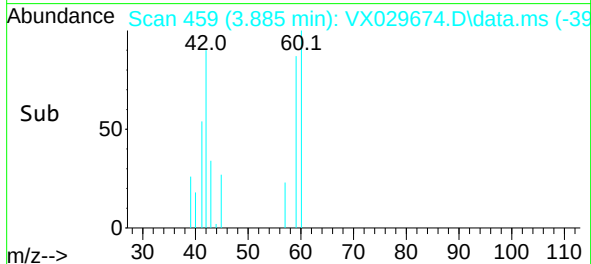
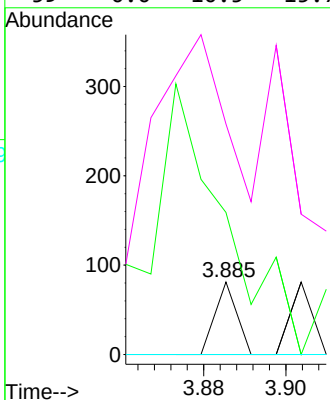
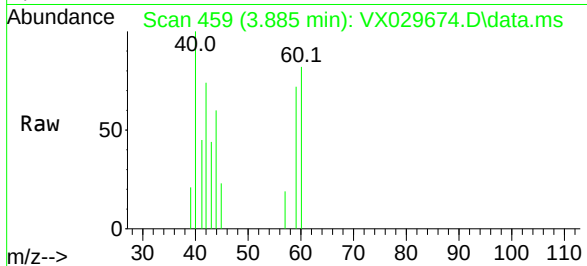




#22
Diisopropyl ether
Concen: 0.004 ug/l
RT: 3.885 min Scan# 41
Delta R.T. 0.122 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

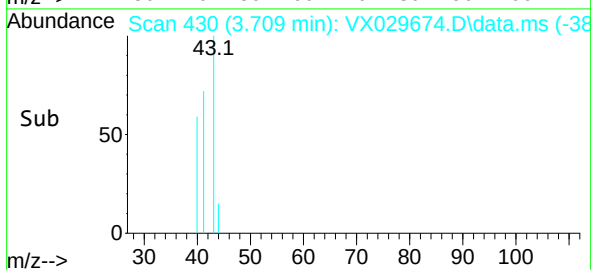
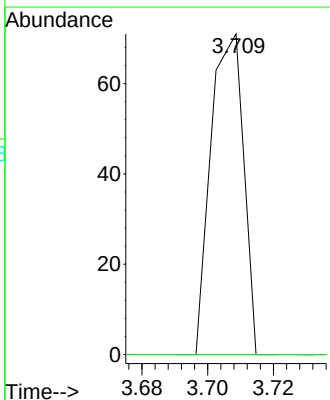
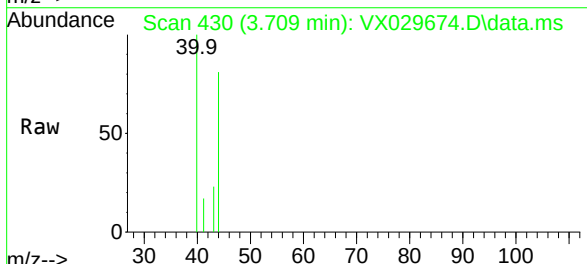
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

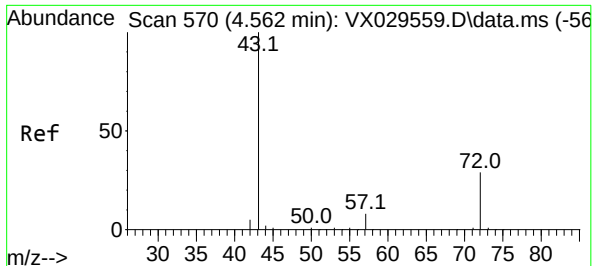
Tgt Ion: 45	Resp: 30
Ion Ratio	Lower Upper
45 100	
43 61.7	50.8 76.2
87 0.0	26.6 39.8#
59 0.0	10.5 15.7#



#23
Vinyl Acetate
Concen: 0.007 ug/l
RT: 3.709 min Scan# 430
Delta R.T. -0.018 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 43	Resp: 49		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.8	16.2#	

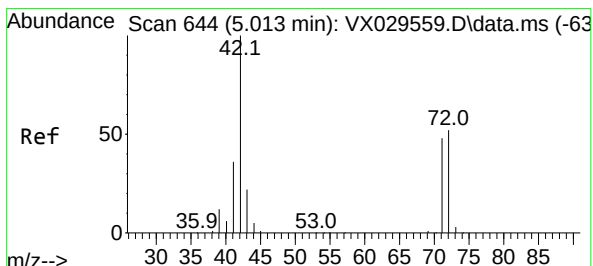
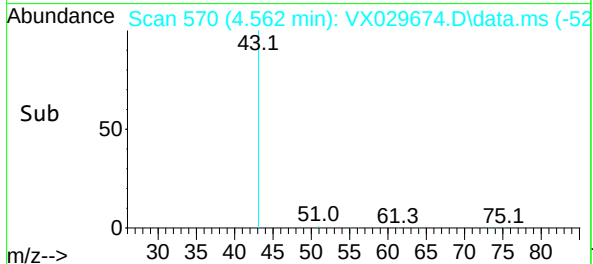
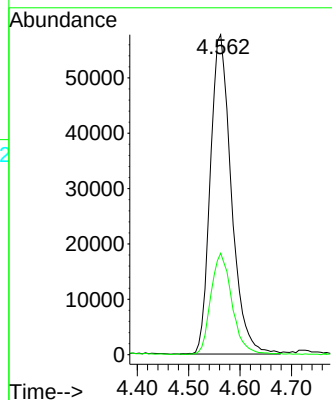
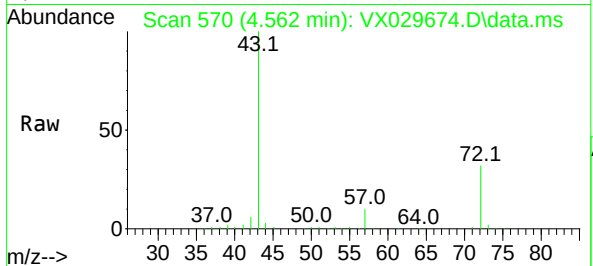




#25
2-Butanone
Concen: 79.260 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

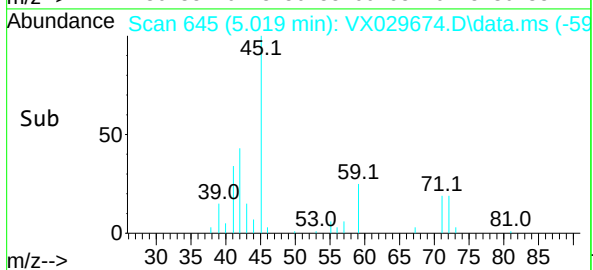
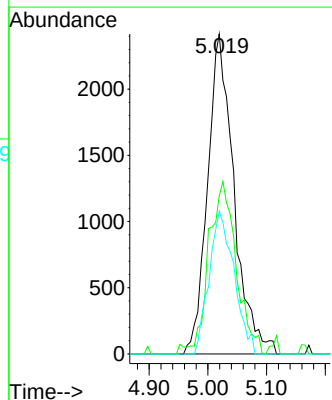
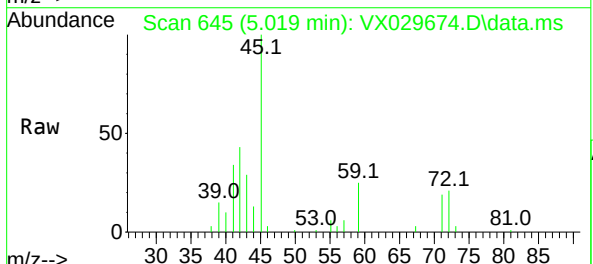
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

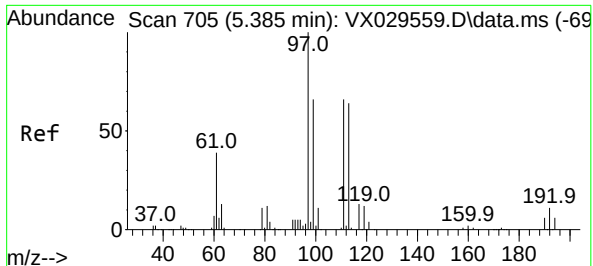
Tgt Ion: 43 Resp: 163652
Ion Ratio Lower Upper
43 100
72 31.5 24.4 36.6



#29
Tetrahydrofuran
Concen: 5.475 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 42 Resp: 7534
Ion Ratio Lower Upper
42 100
72 55.6 44.1 66.1
71 42.0 40.5 60.7





#32

1,1,1-Trichloroethane

Concen: 0.005 ug/l

RT: 5.544 min Scan# 71

Delta R.T. 0.159 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

ORA-021

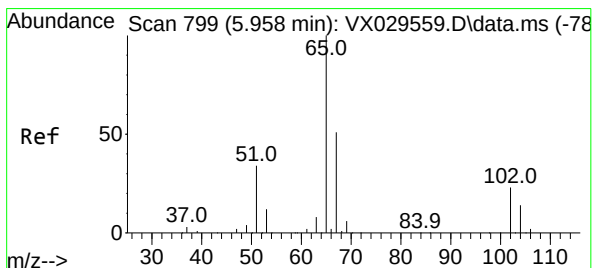
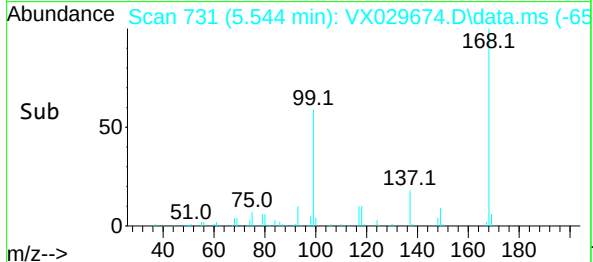
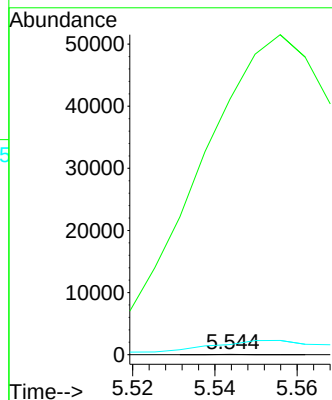
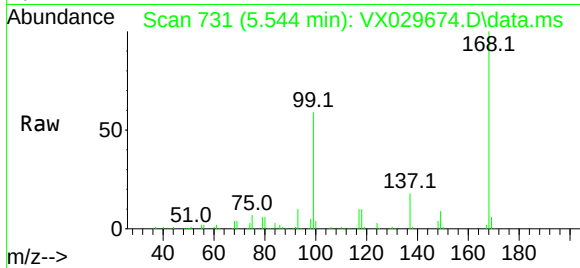
Tgt Ion: 97 Resp: 23

Ion Ratio Lower Upper

97 100

99 629482.6 51.8 77.6#

61 25452.2 34.0 51.0#



#33

1,2-Dichloroethane-d4

Concen: 41.192 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029674.D

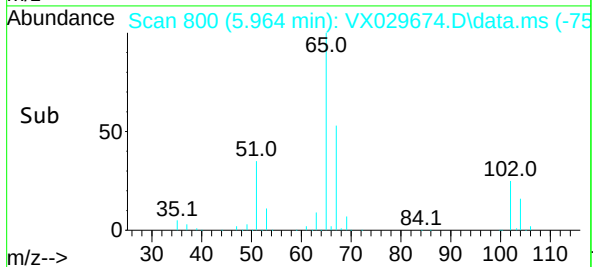
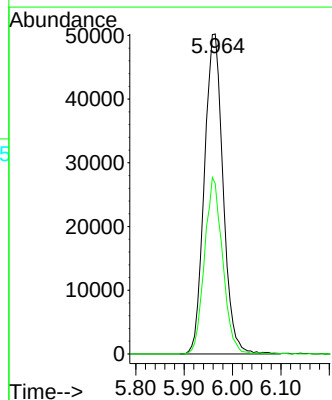
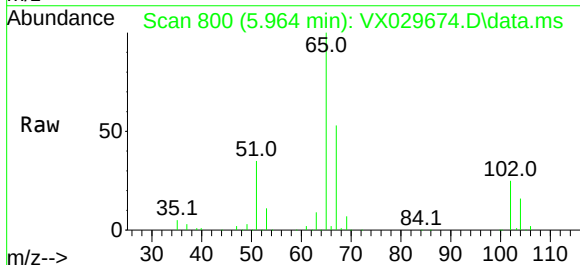
Acq: 21 Jun 2022 20:03

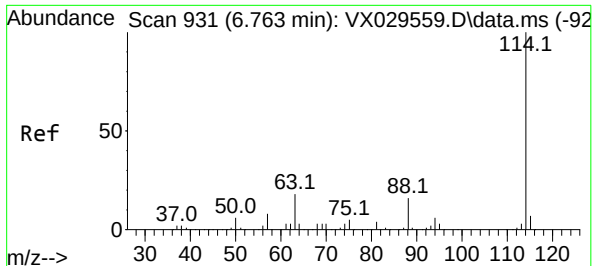
Tgt Ion: 65 Resp: 134995

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4

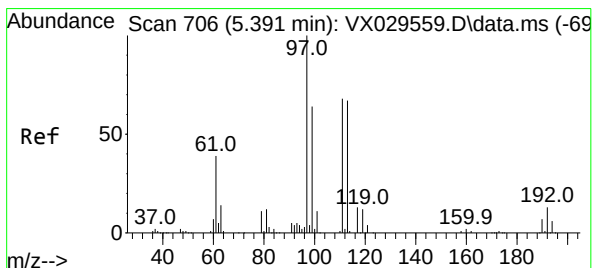
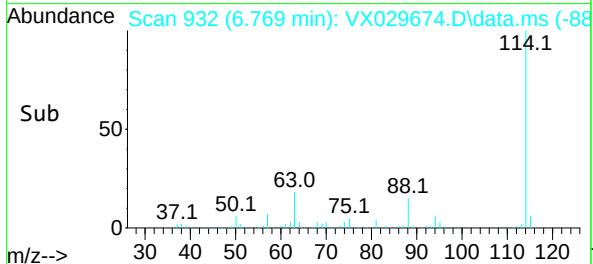
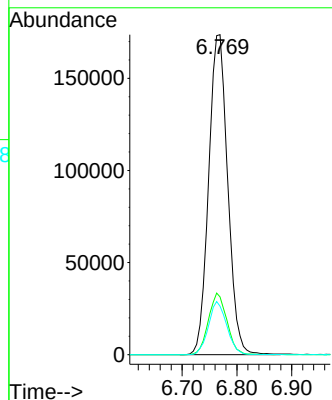
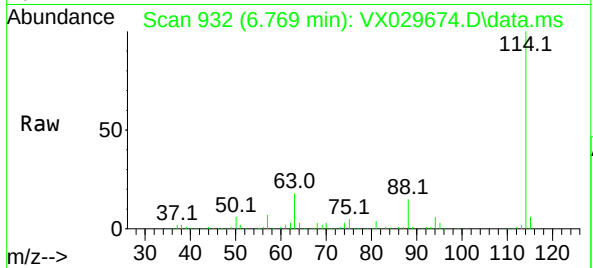




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

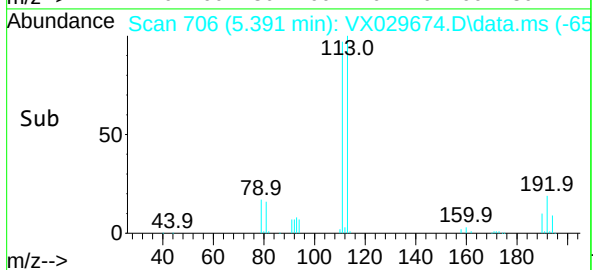
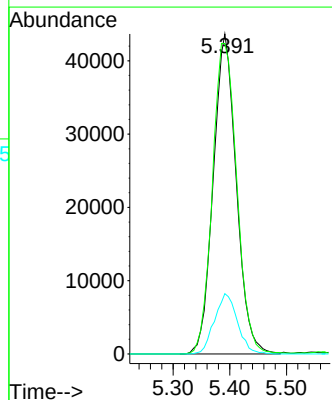
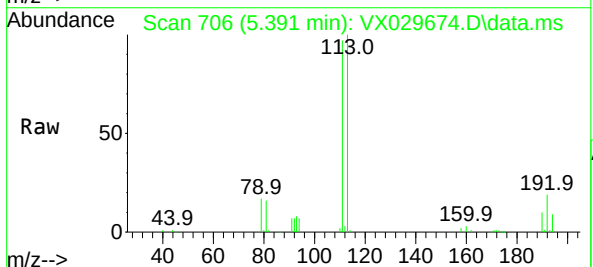
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

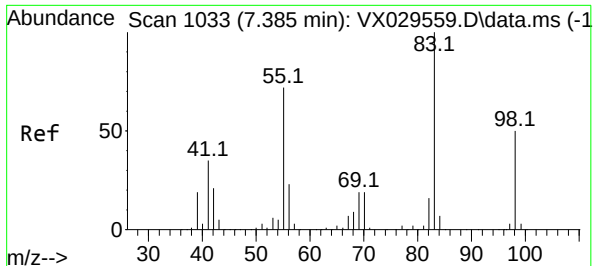
Tgt Ion:114 Resp: 418707
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.178 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:113 Resp: 123274
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.8 16.9 25.3





#39

Methylcyclohexane

Concen: 0.004 ug/l

RT: 7.623 min Scan# 1072

Delta R.T. 0.238 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

ORA-021

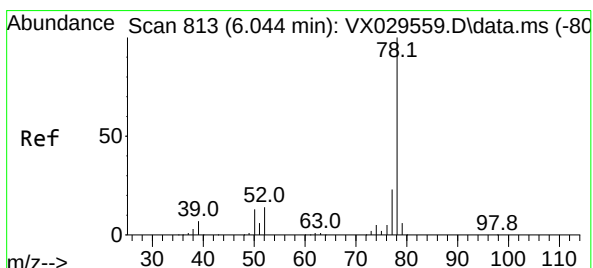
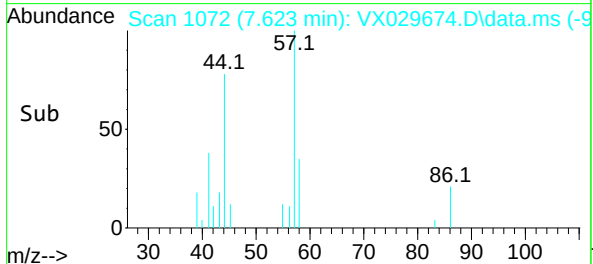
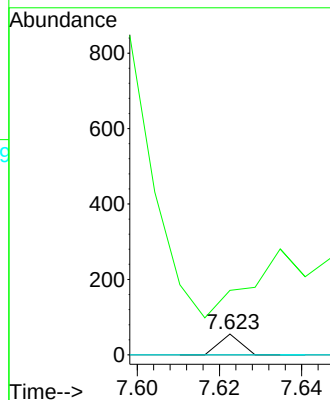
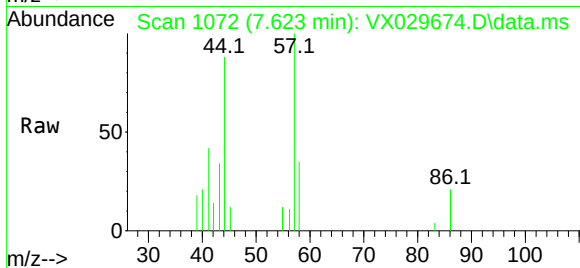
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.0 37.4 56.2#



#40

Benzene

Concen: 0.283 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.007 min

Lab File: VX029674.D

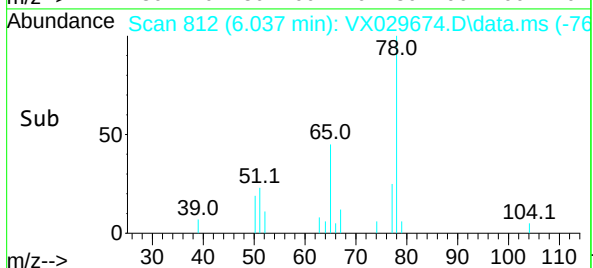
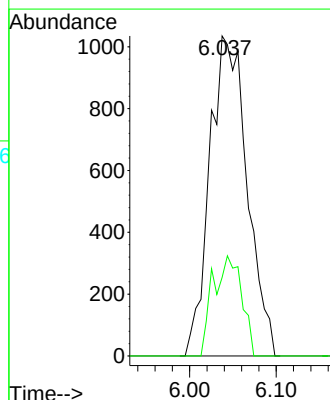
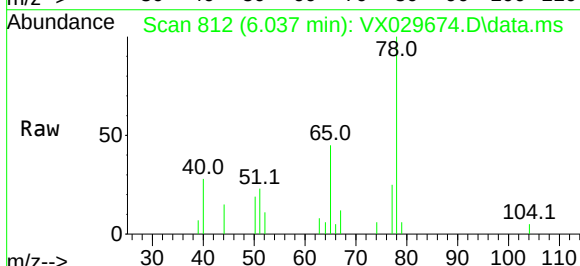
Acq: 21 Jun 2022 20:03

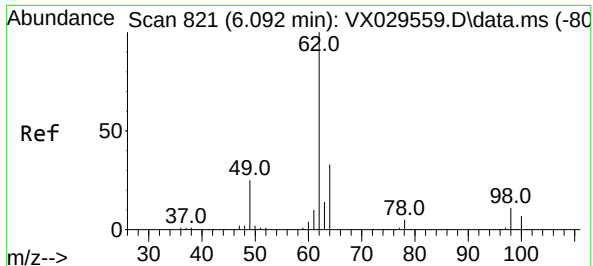
Tgt Ion: 78 Resp: 3101

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.047 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

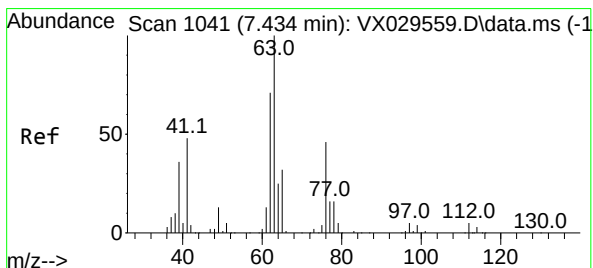
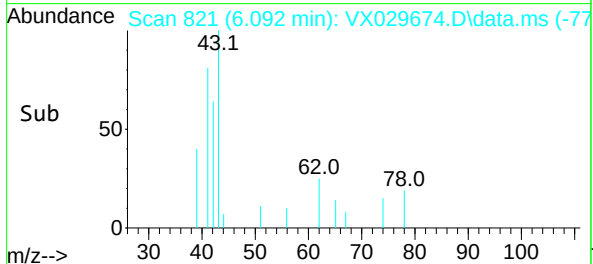
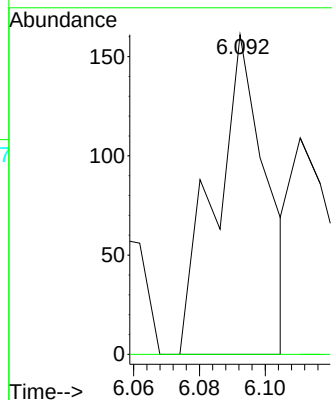
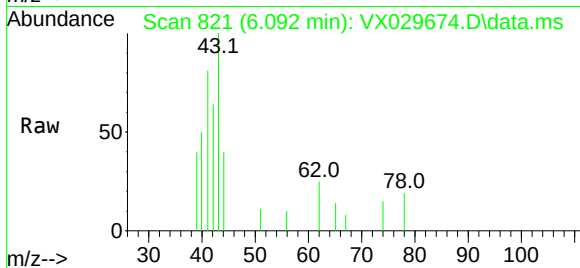
ORA-021

Tgt Ion: 62 Resp: 176

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#45

1,2-Dichloropropane

Concen: 0.009 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.146 min

Lab File: VX029674.D

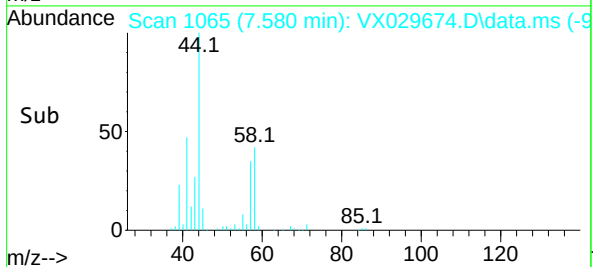
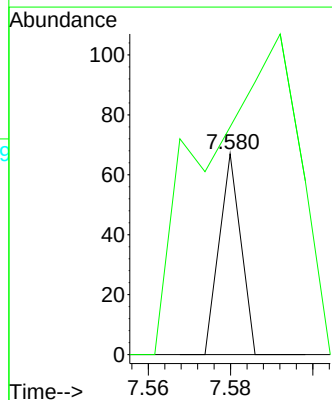
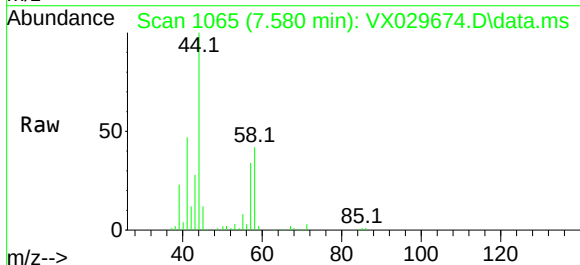
Acq: 21 Jun 2022 20:03

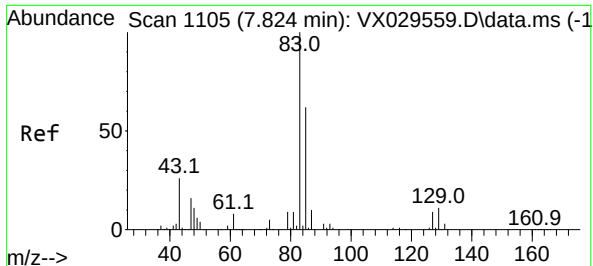
Tgt Ion: 63 Resp: 25

Ion Ratio Lower Upper

63 100

65 6.0 25.8 38.6#

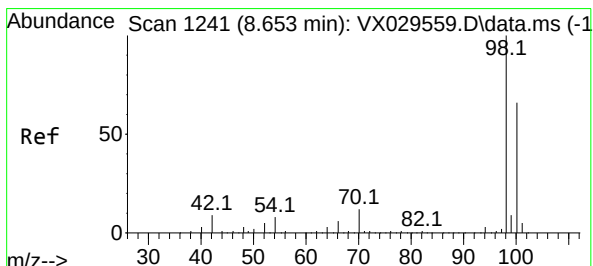
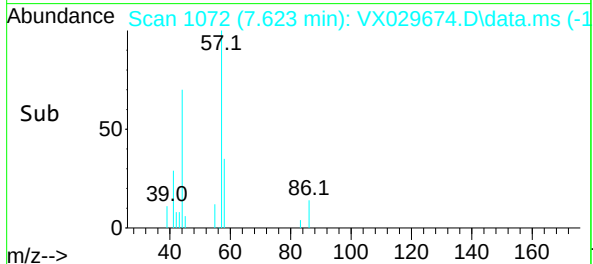
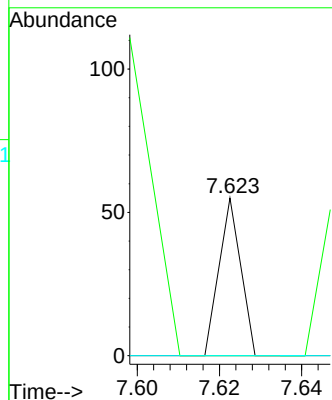
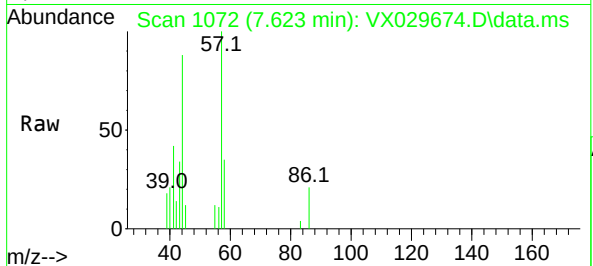




#47
Bromodichloromethane
Concen: 0.005 ug/l
RT: 7.623 min Scan# 1072
Delta R.T. -0.201 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

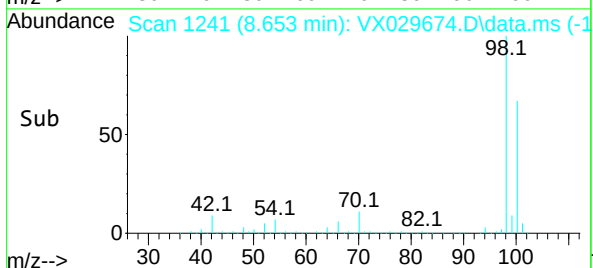
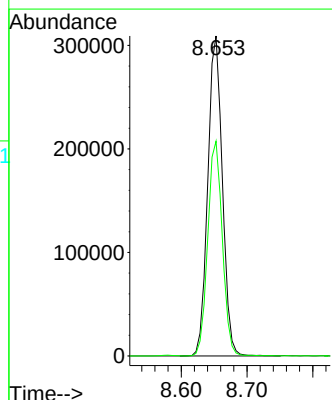
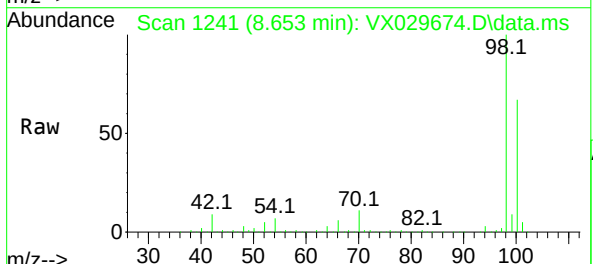
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

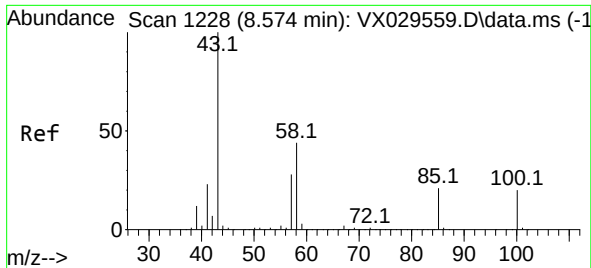
Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.2#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 98 Resp: 477151
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

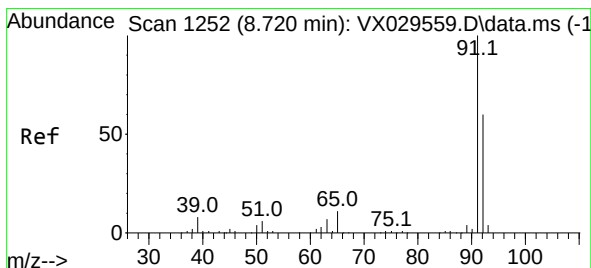
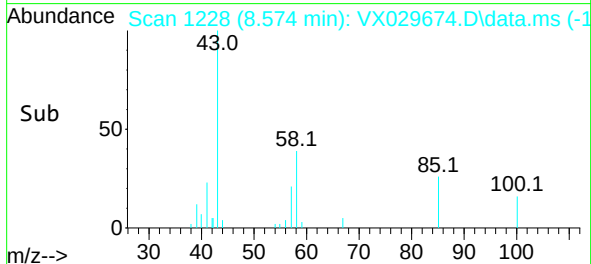
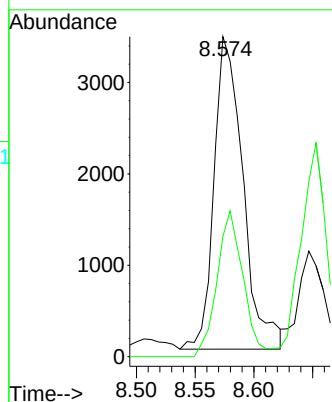
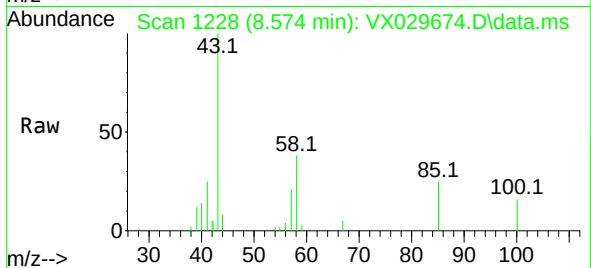




#51
4-Methyl-2-Pentanone
Concen: 1.546 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

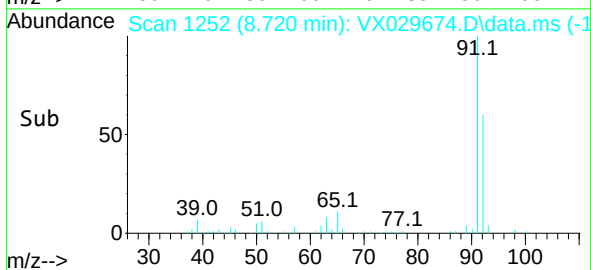
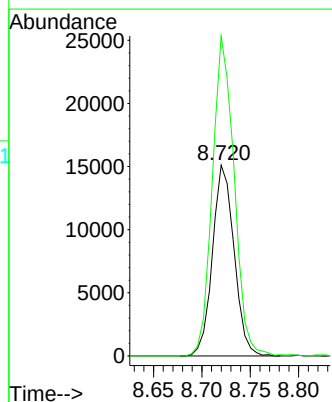
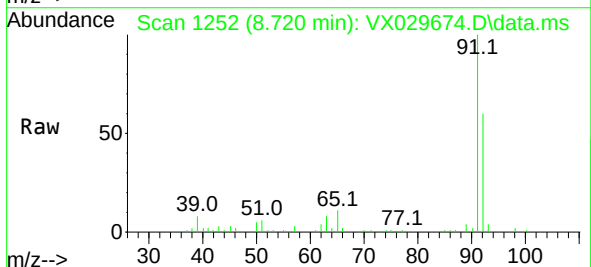
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

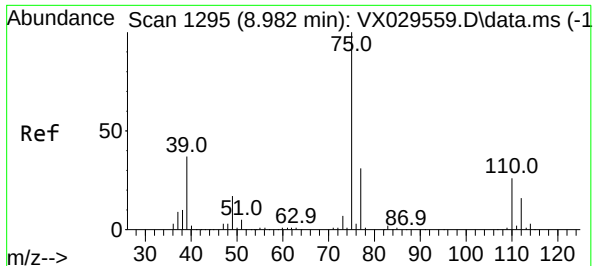
Tgt Ion: 43 Resp: 5865
Ion Ratio Lower Upper
43 100
58 41.7 36.1 54.1



#52
Toluene
Concen: 3.346 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 92 Resp: 23454
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 0.098 ug/l

RT: 8.903 min Scan# 11

Delta R.T. -0.079 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

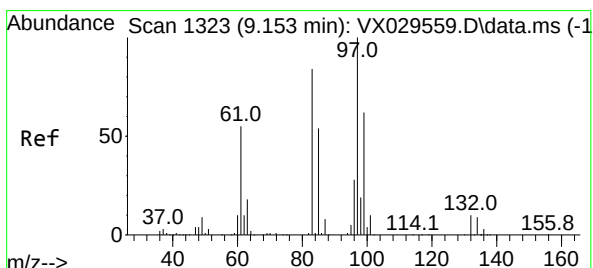
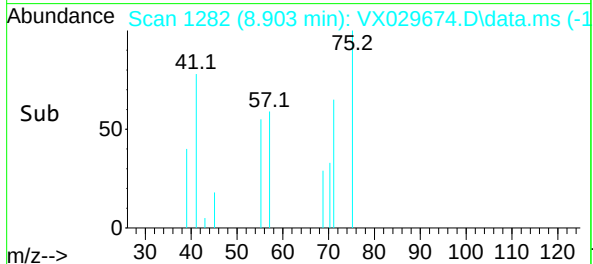
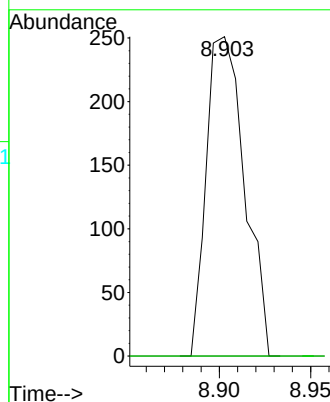
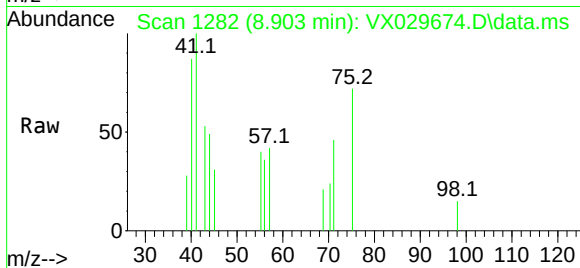
ORA-021

Tgt Ion: 75 Resp: 367

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#55

1,1,2-Trichloroethane

Concen: 0.016 ug/l

RT: 9.000 min Scan# 1298

Delta R.T. -0.153 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Tgt Ion: 97 Resp: 45

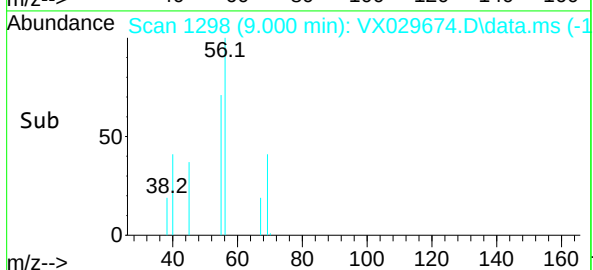
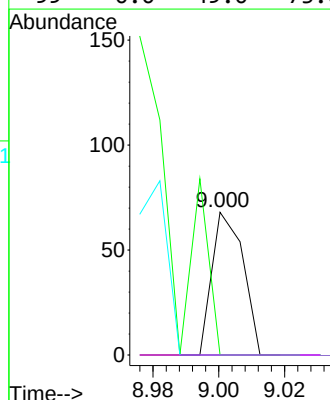
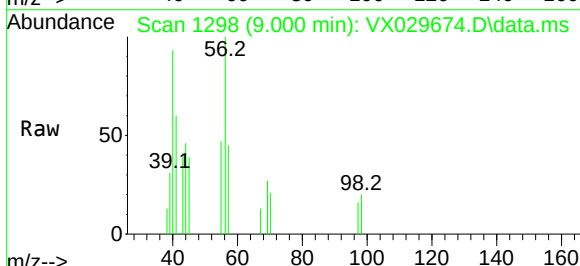
Ion Ratio Lower Upper

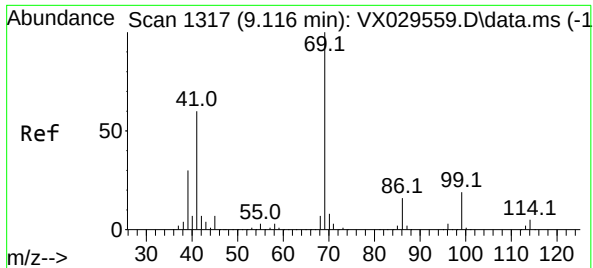
97 100

83 0.0 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#

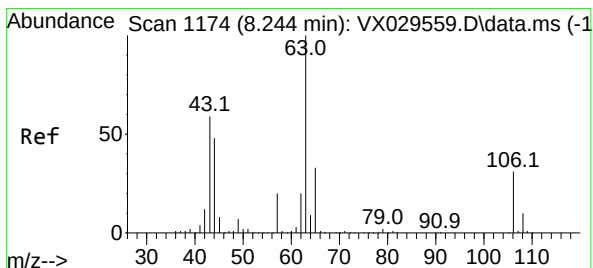
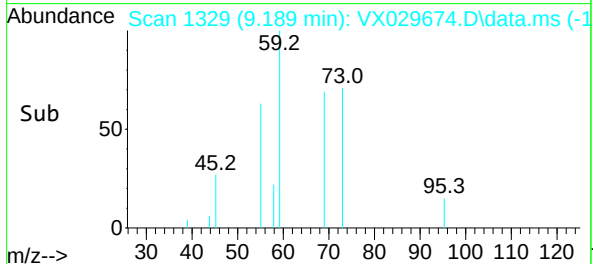
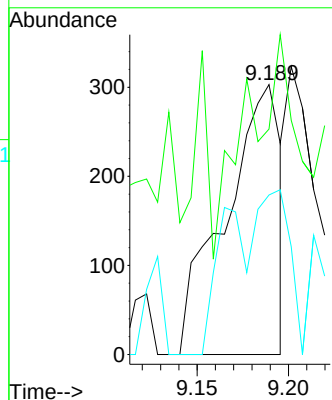
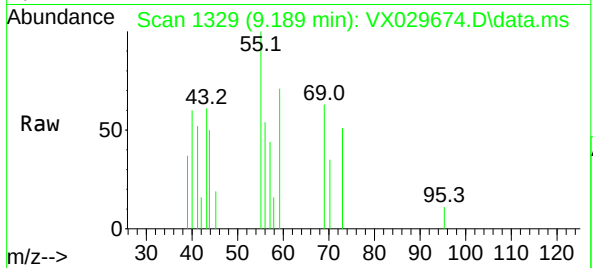




#56
Ethyl methacrylate
Concen: 0.149 ug/l
RT: 9.189 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

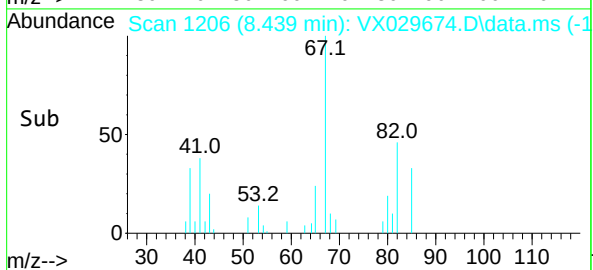
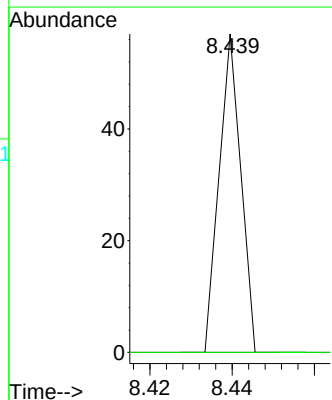
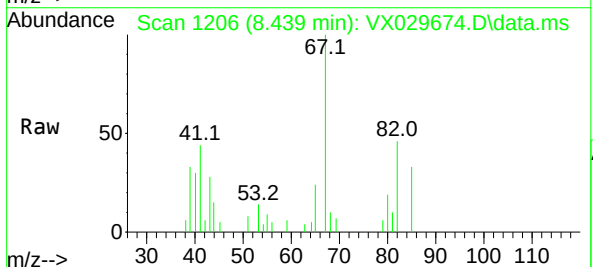
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

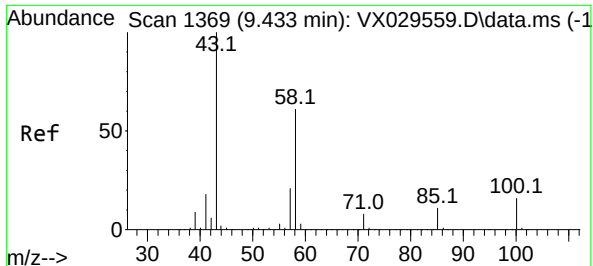
Tgt Ion: 69 Resp: 636
Ion Ratio Lower Upper
69 100
41 75.8 43.8 65.6#
39 37.3 22.2 33.2#



#58
2-Chloroethyl Vinyl ether
Concen: 0.010 ug/l
RT: 8.439 min Scan# 1206
Delta R.T. 0.195 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

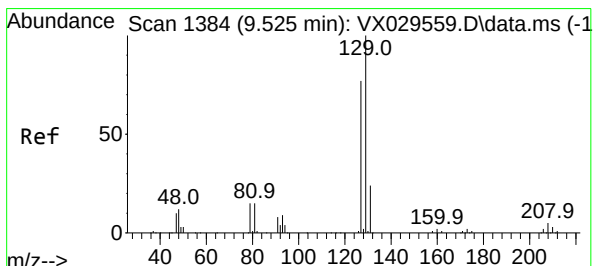
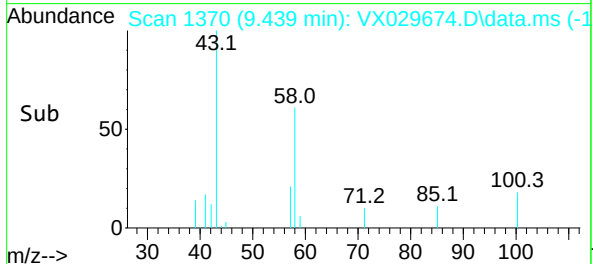
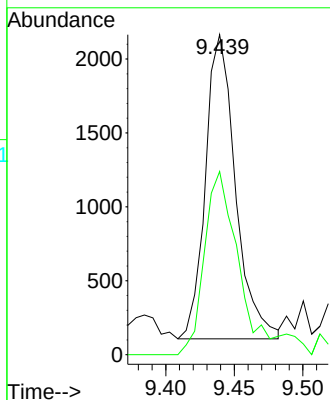
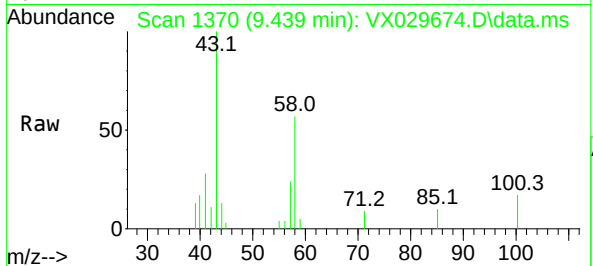




#59
2-Hexanone
Concen: 1.093 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

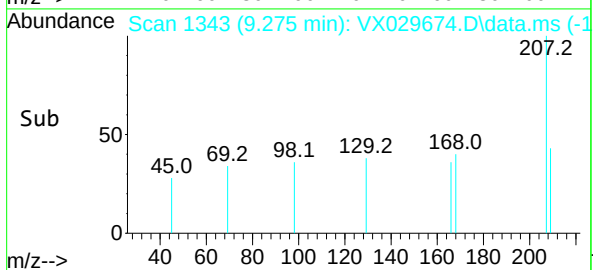
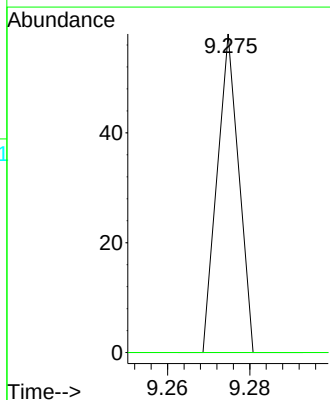
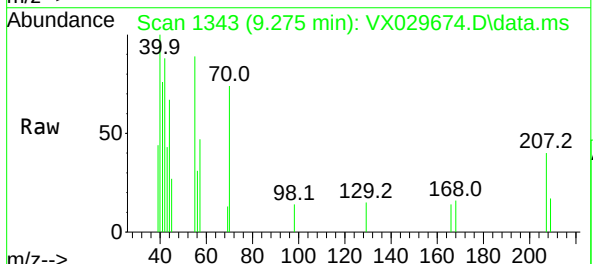
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

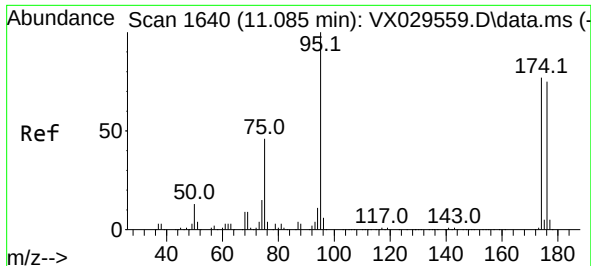
Tgt Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
58 67.9 31.9 95.7



#60
Dibromochloromethane
Concen: 0.008 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 46.485 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

ORA-021

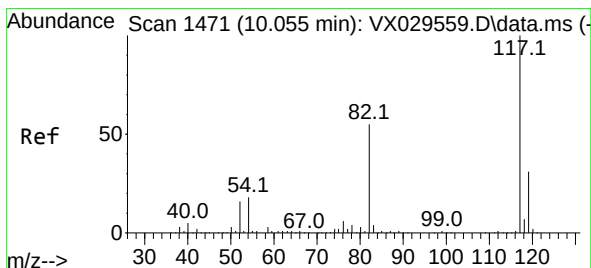
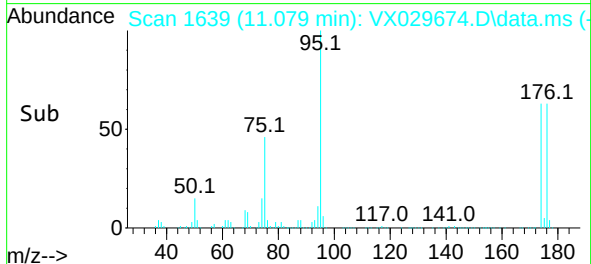
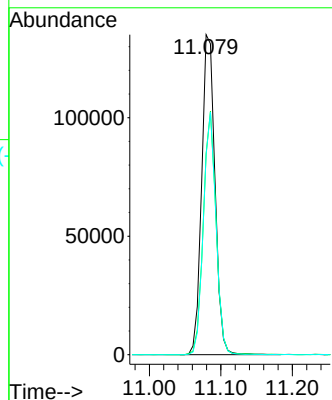
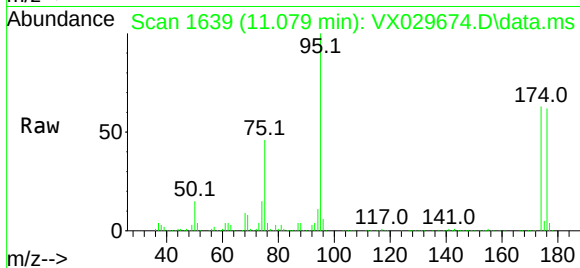
Tgt Ion: 95 Resp: 174746

Ion Ratio Lower Upper

95 100

174 72.7 0.0 163.0

176 71.8 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

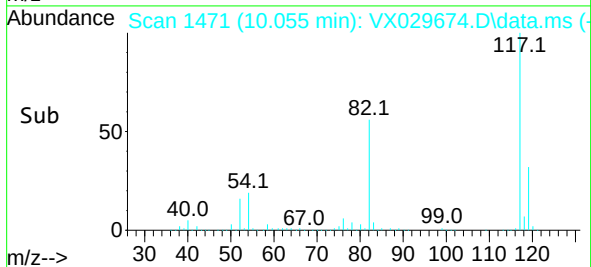
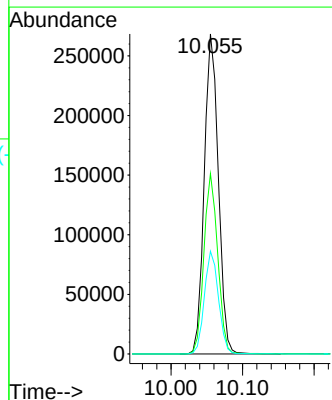
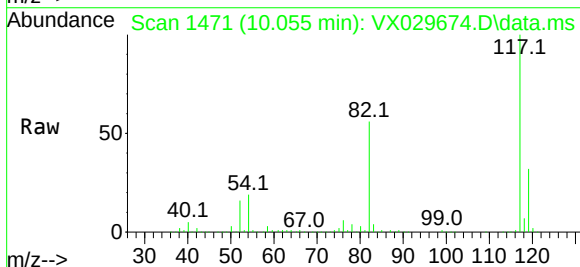
Tgt Ion: 117 Resp: 367410

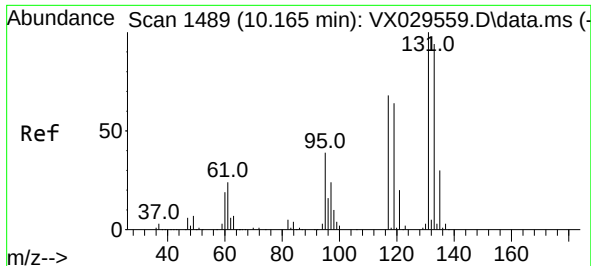
Ion Ratio Lower Upper

117 100

82 56.3 41.8 62.8

119 32.1 24.8 37.2

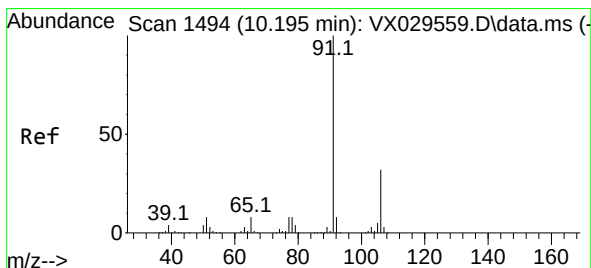
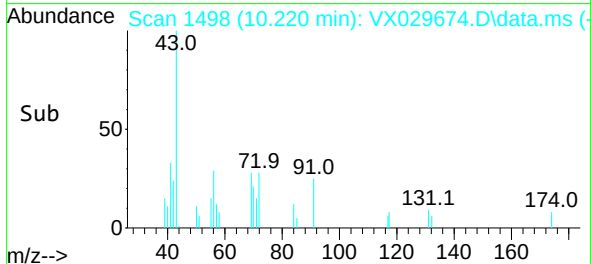
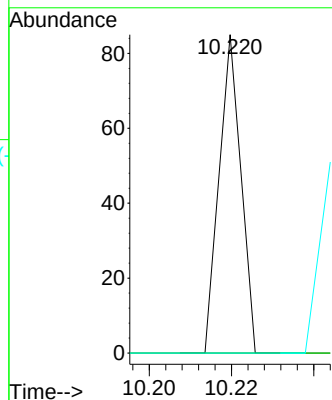
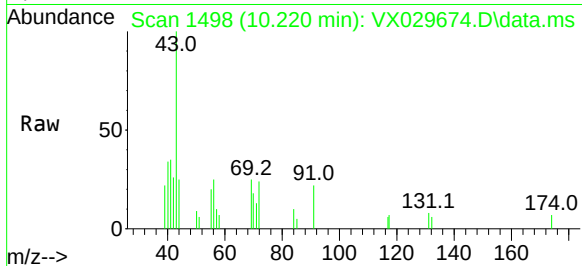




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.012 ug/l
 RT: 10.220 min Scan# 1498
 Delta R.T. 0.055 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

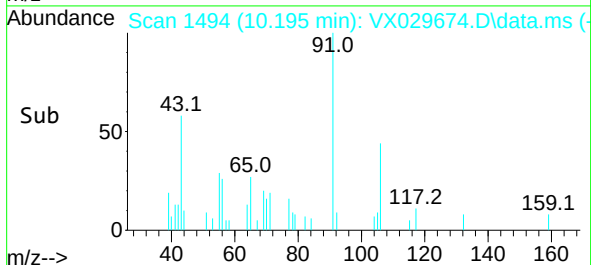
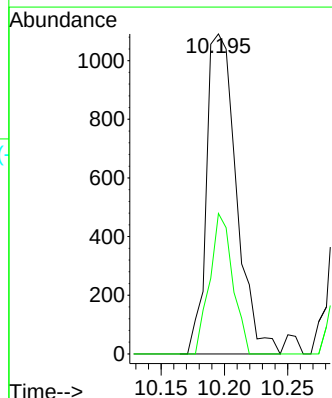
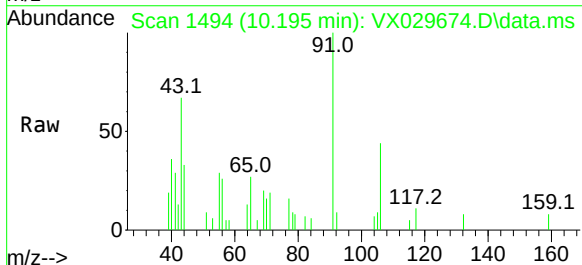
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021

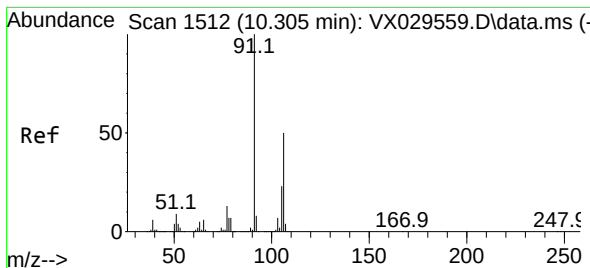
Tgt Ion:131 Resp: 31
 Ion Ratio Lower Upper
 131 100
 133 0.0 48.3 144.8#
 119 0.0 32.6 98.0#



#67
 Ethyl Benzene
 Concen: 0.138 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

Tgt Ion: 91 Resp: 1791
 Ion Ratio Lower Upper
 91 100
 106 43.9 24.6 36.8#

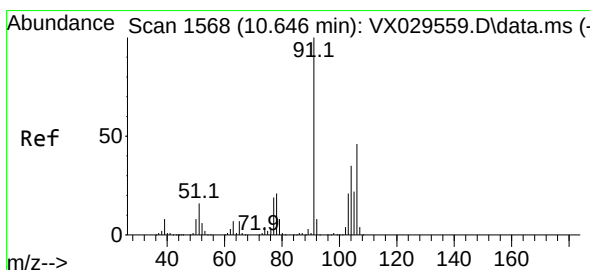
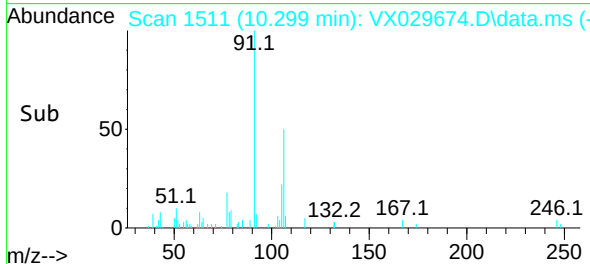
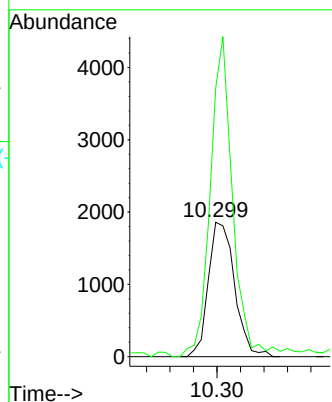
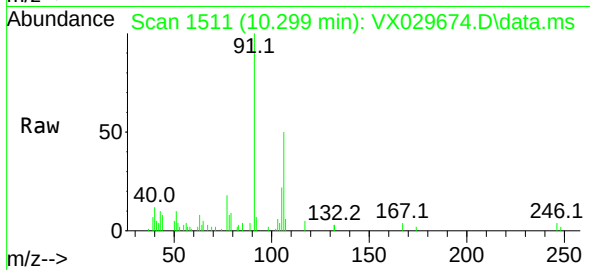




#68
m/p-Xylenes
Concen: 0.569 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

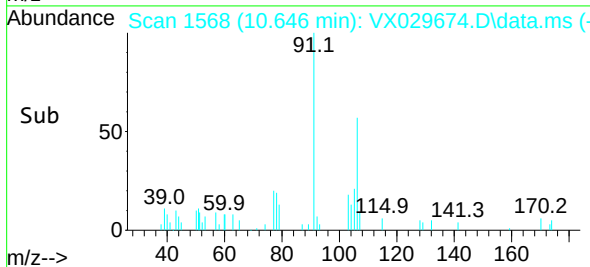
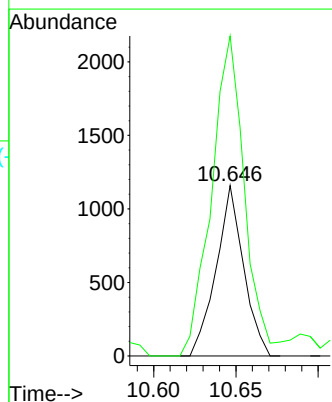
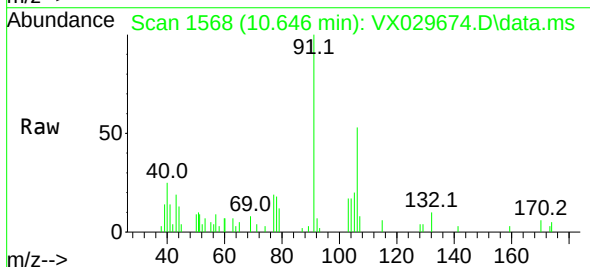
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

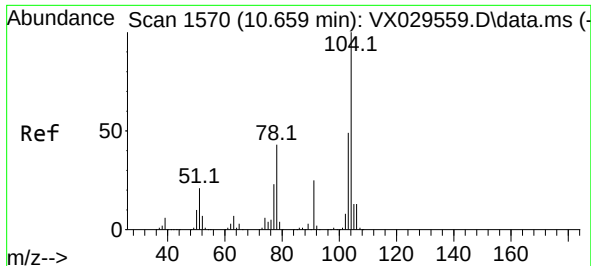
Tgt Ion:106 Resp: 2878
Ion Ratio Lower Upper
106 100
91 205.5 160.4 240.6



#69
o-Xylene
Concen: 0.269 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:106 Resp: 1346
Ion Ratio Lower Upper
106 100
91 225.9 106.1 318.1

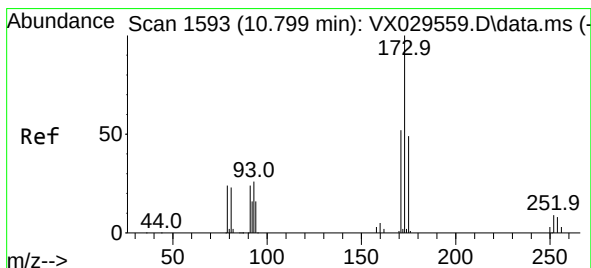
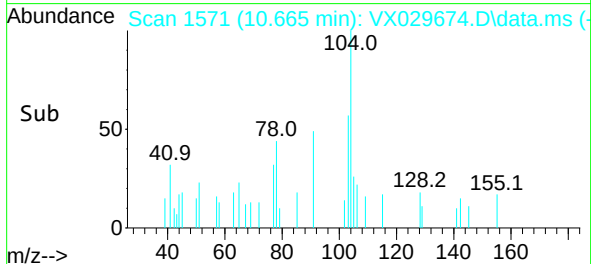
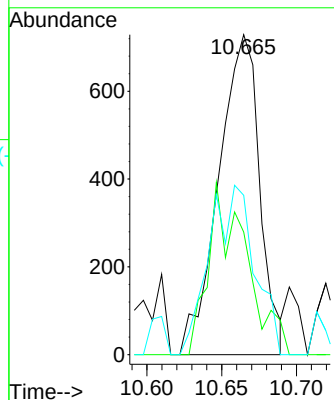
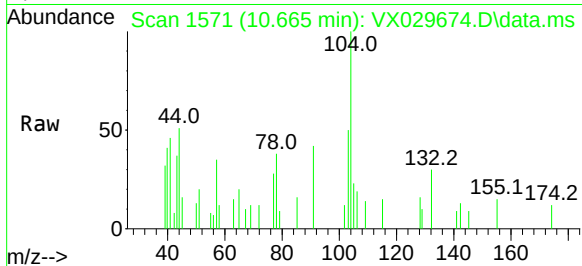




#70
Styrene
Concen: 0.171 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

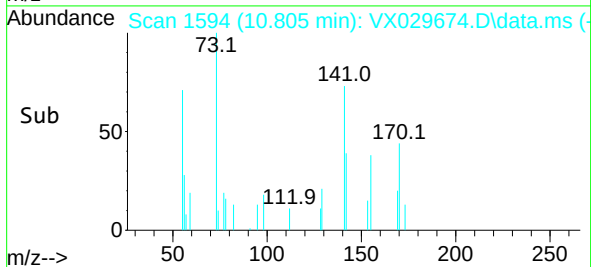
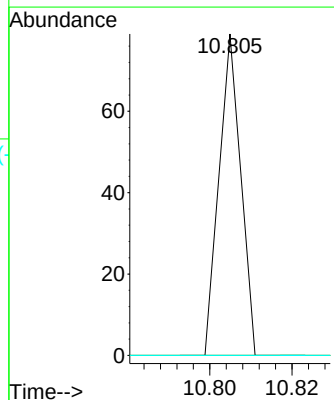
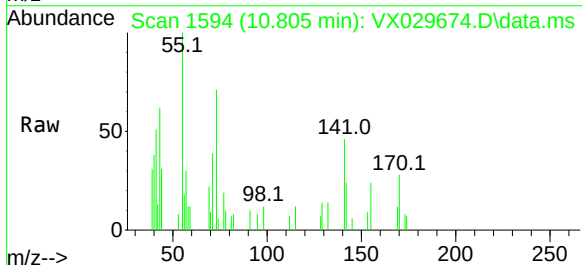
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

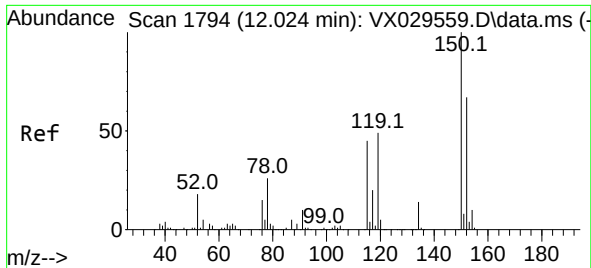
Tgt Ion:104 Resp: 1396
Ion Ratio Lower Upper
104 100
78 49.7 38.6 57.8
103 58.2 43.8 65.8



#71
Bromoform
Concen: 0.016 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:173 Resp: 29
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#

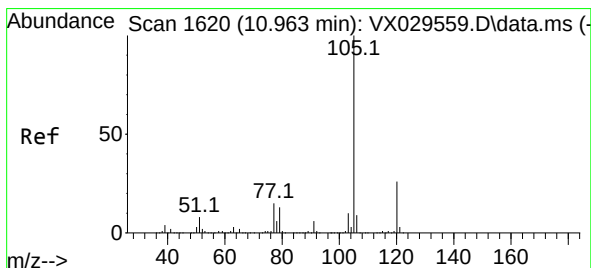
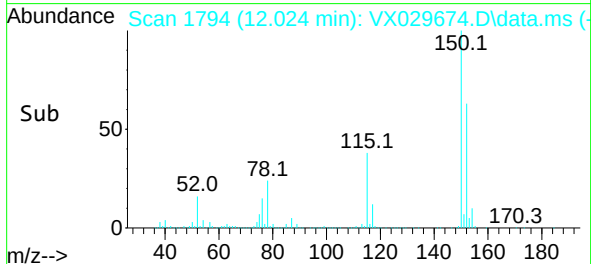
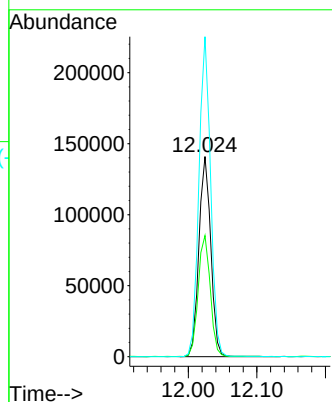
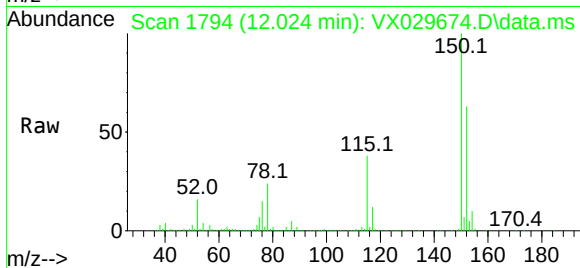




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

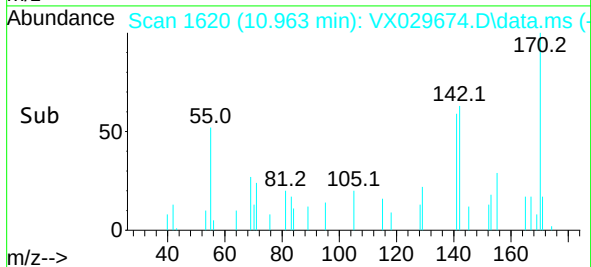
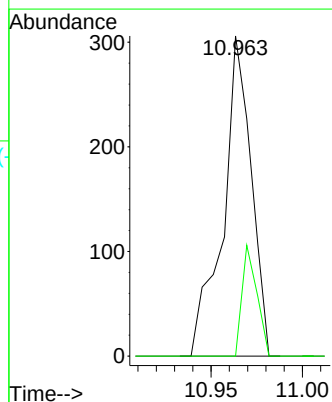
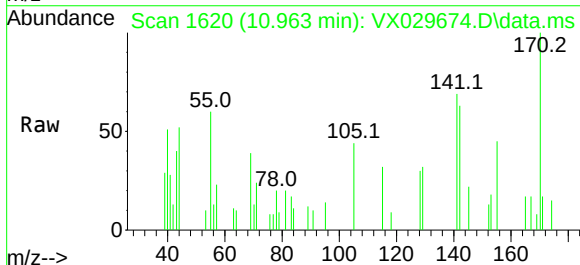
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

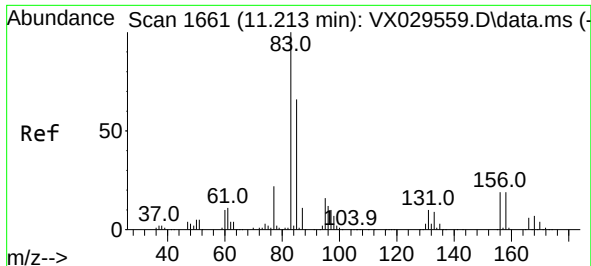
Tgt Ion:152 Resp: 170380
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 157.3 0.0 338.2



#73
Isopropylbenzene
Concen: 0.026 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:105 Resp: 328
Ion Ratio Lower Upper
105 100
120 18.3 13.5 40.5

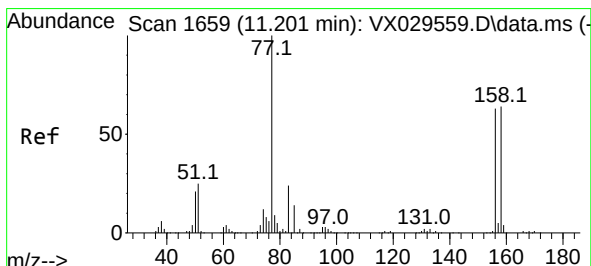
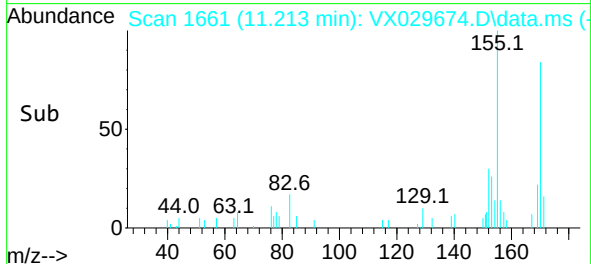
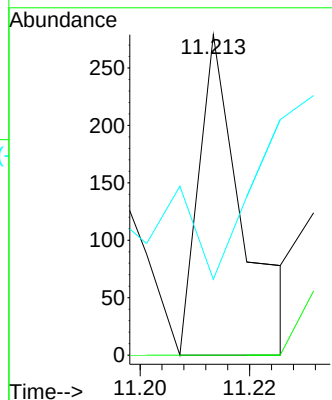
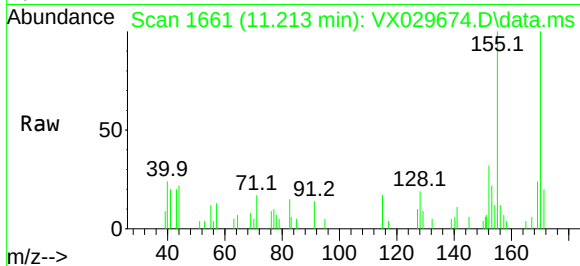




#75
1,1,2,2-Tetrachloroethane
Concen: 0.039 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

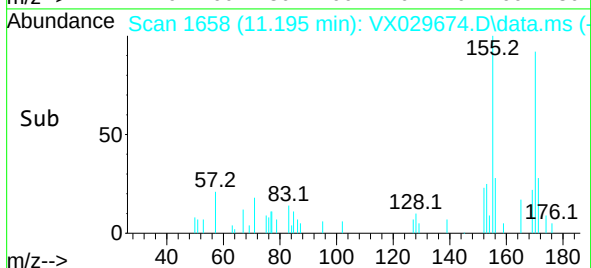
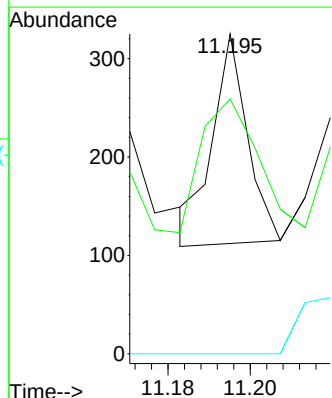
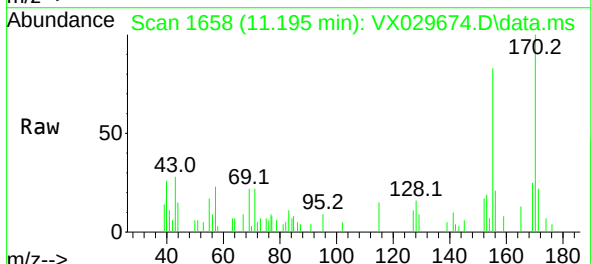
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

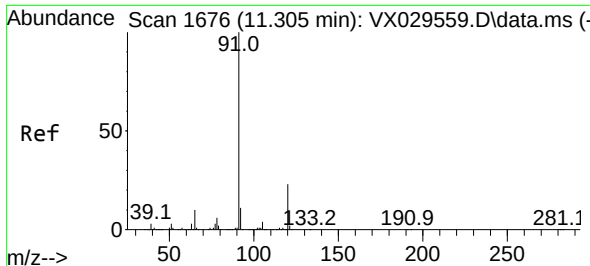
Tgt Ion: 83	Resp:	160
Ion Ratio	Lower	Upper
83	100	
131	0.0	5.1 15.3#
85	0.0	32.6 97.7#



#77
Bromobenzene
Concen: 0.043 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 156	Resp:	125
Ion Ratio	Lower	Upper
156	100	
77	134.4	78.5 235.3
158	0.0	50.2 150.7#

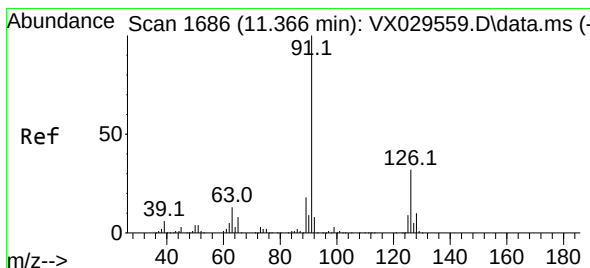
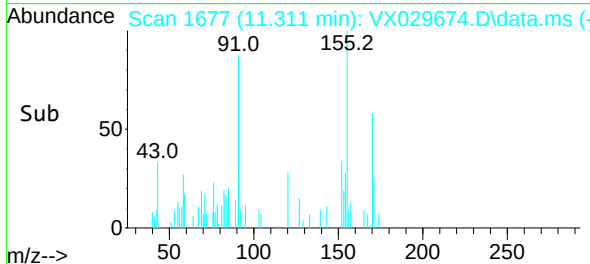
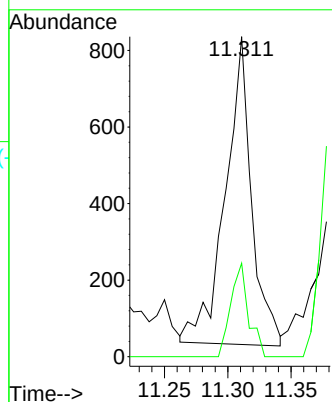
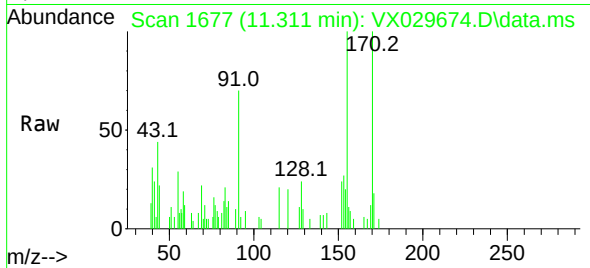




#78
n-propylbenzene
Concen: 0.081 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

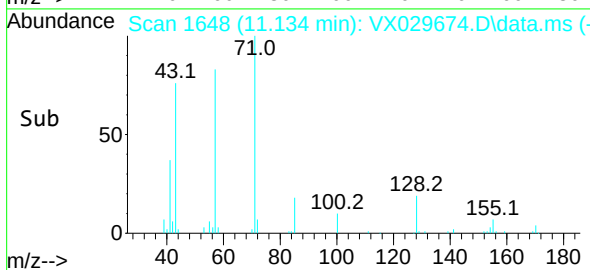
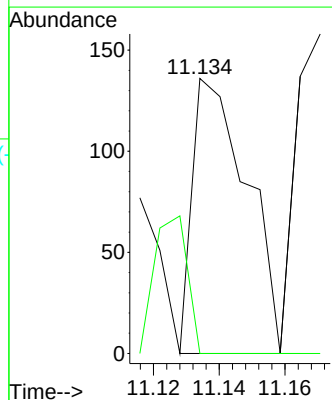
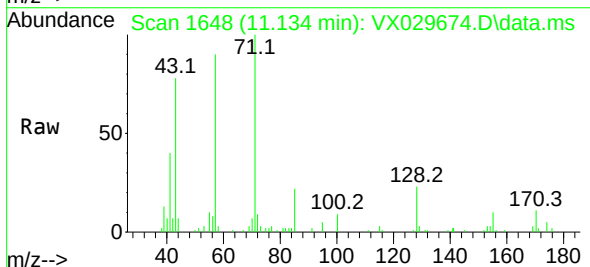
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

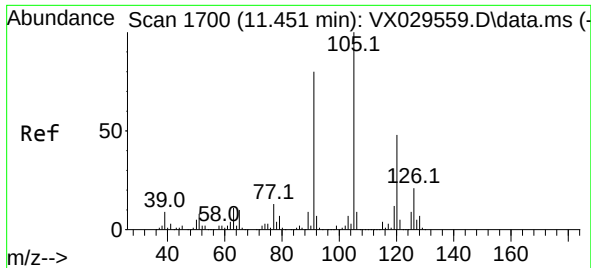
Tgt Ion: 91 Resp: 1162
Ion Ratio Lower Upper
91 100
120 20.5 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.018 ug/l
RT: 11.134 min Scan# 1648
Delta R.T. -0.232 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion: 91 Resp: 157
Ion Ratio Lower Upper
91 100
126 30.6 17.3 51.9

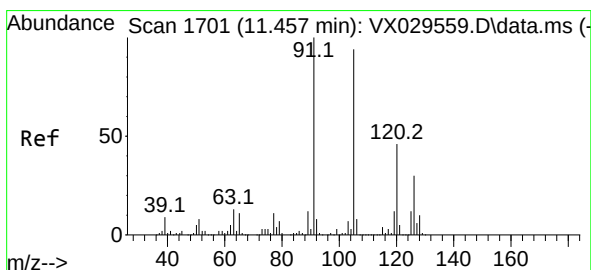
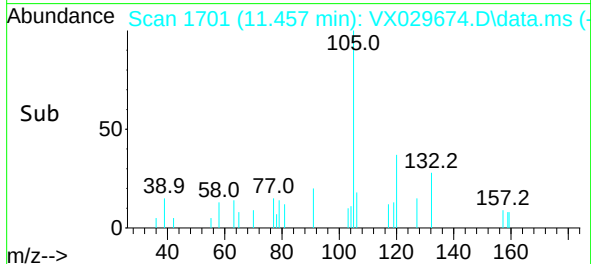
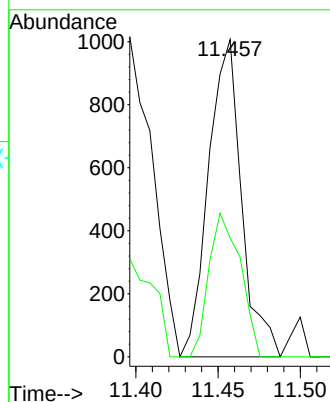
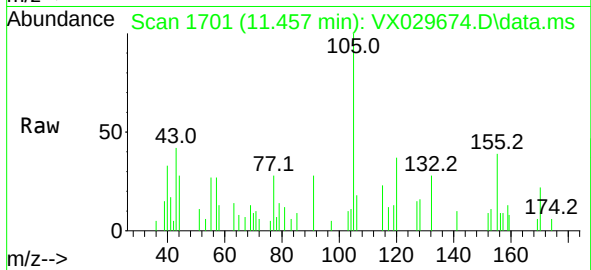




#80
 1,3,5-Trimethylbenzene
 Concen: 0.131 ug/l
 RT: 11.457 min Scan# 1700
 Delta R.T. 0.006 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

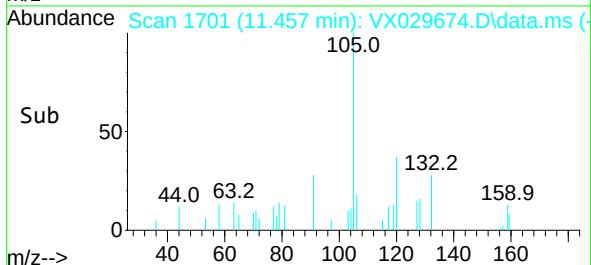
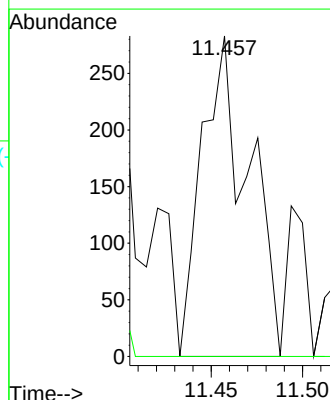
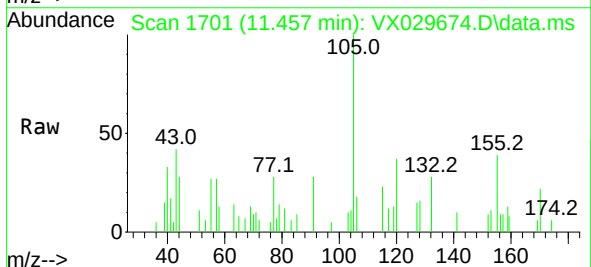
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021

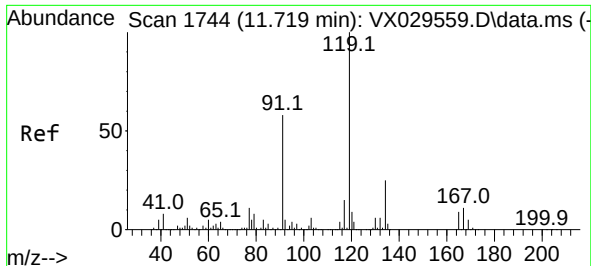
Tgt Ion:105 Resp: 1407
 Ion Ratio Lower Upper
 105 100
 120 43.1 24.3 72.9



#82
 4-Chlorotoluene
 Concen: 0.050 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

Tgt Ion: 91 Resp: 505
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.9 44.5#

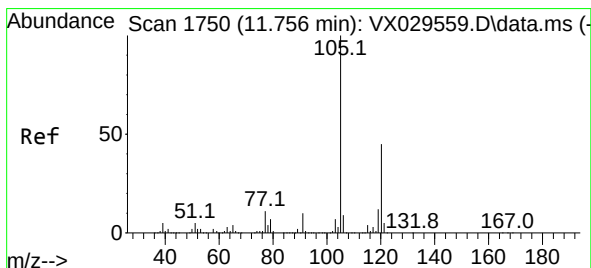
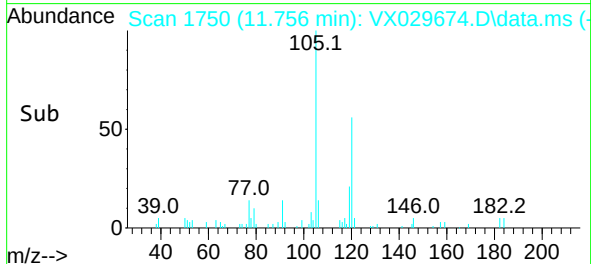
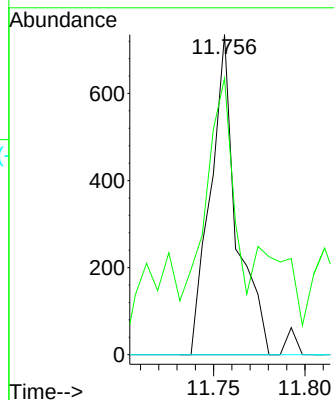
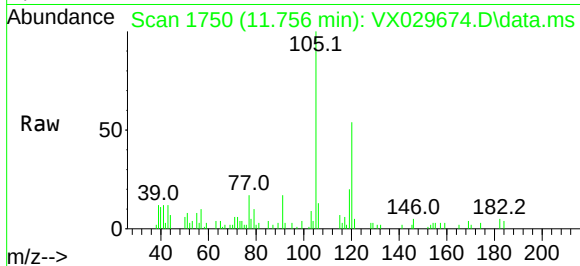




#83
tert-Butylbenzene
Concen: 0.069 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

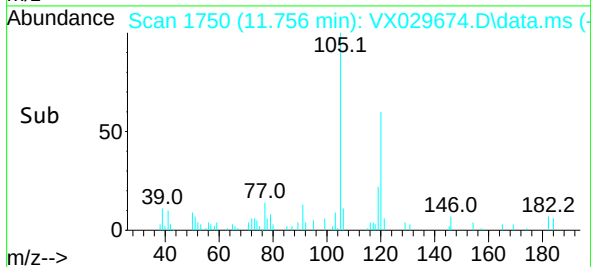
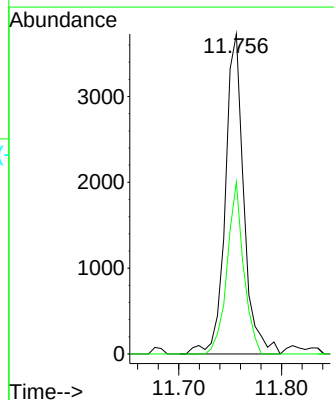
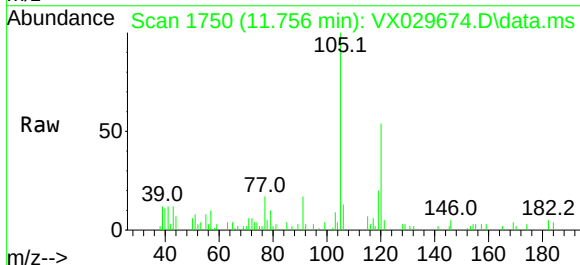
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

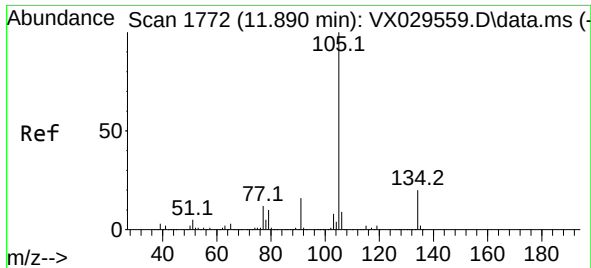
Tgt Ion:119 Resp: 727
Ion Ratio Lower Upper
119 100
91 66.4 26.9 80.6
134 0.0 11.4 34.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.434 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:105 Resp: 4655
Ion Ratio Lower Upper
105 100
120 47.9 22.6 67.8

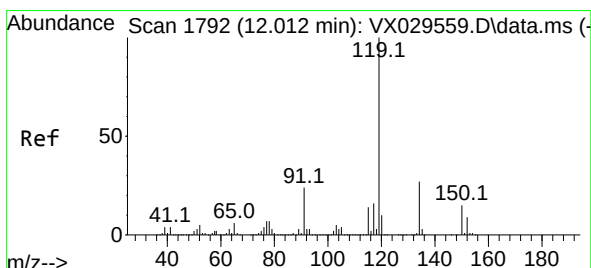
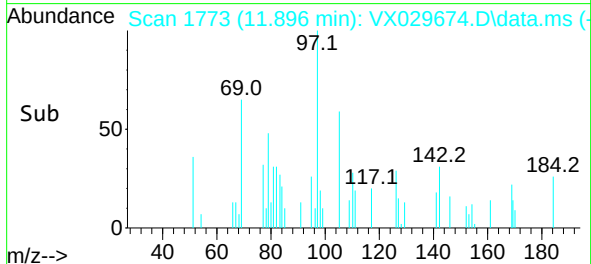
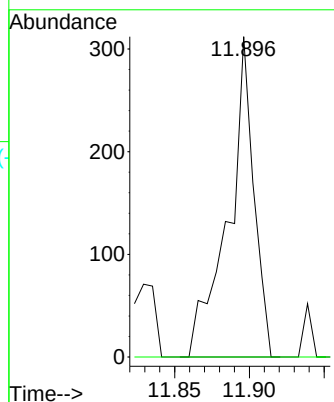
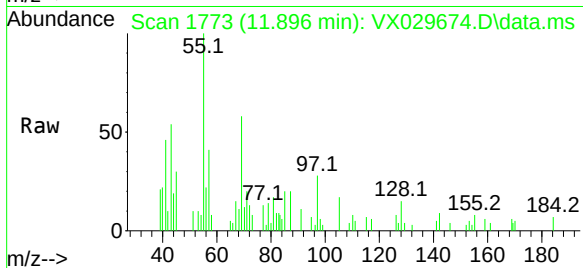




#85
 sec-Butylbenzene
 Concen: 0.028 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

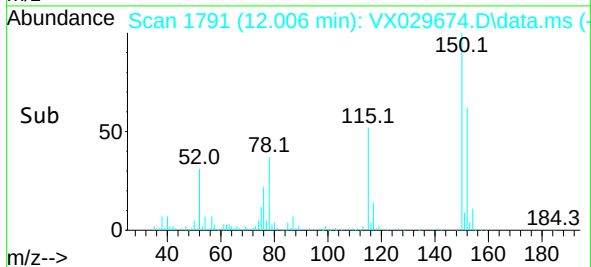
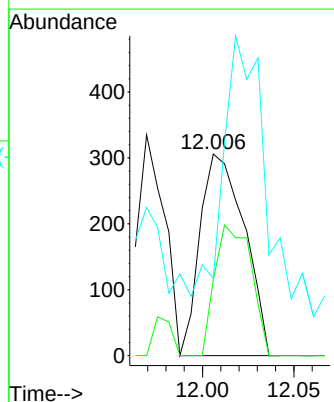
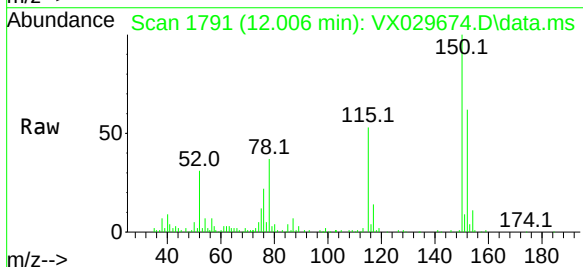
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021

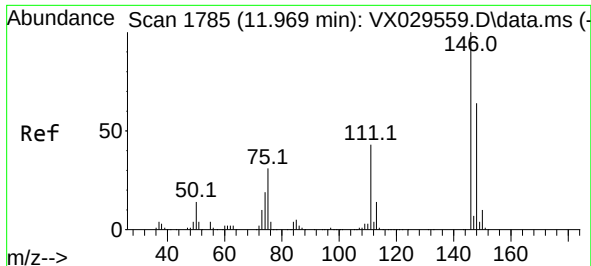
Tgt Ion:105 Resp: 370
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 0.047 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

Tgt Ion:119 Resp: 516
 Ion Ratio Lower Upper
 119 100
 134 53.1 13.0 39.0#
 91 133.7 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.046 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

ORA-021

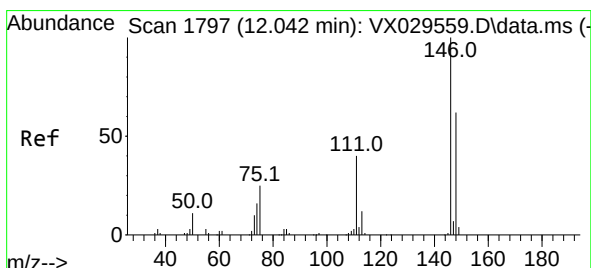
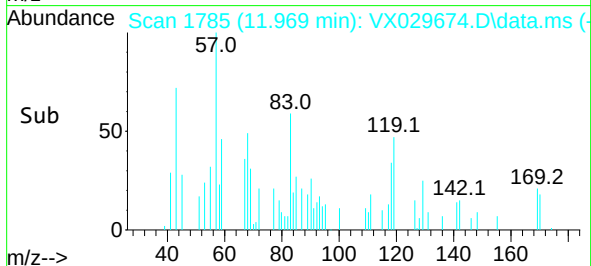
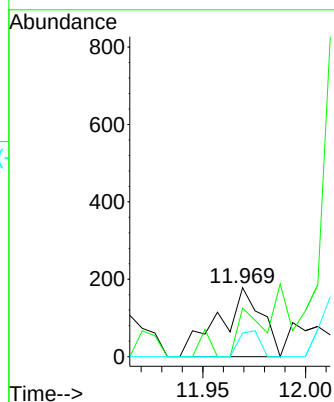
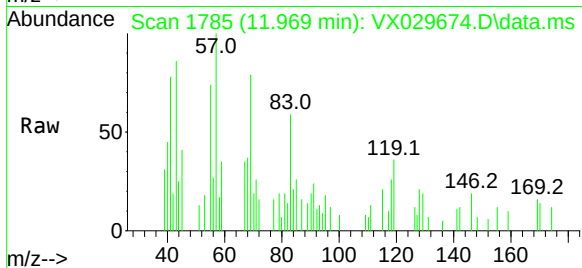
Tgt Ion:146 Resp: 257

Ion Ratio Lower Upper

146 100

111 76.3 19.7 59.1#

148 18.3 31.6 94.7#



#88

1,4-Dichlorobenzene

Concen: 0.070 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

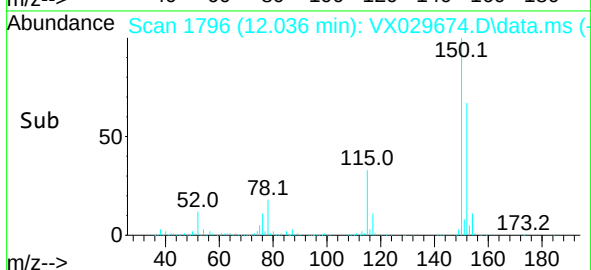
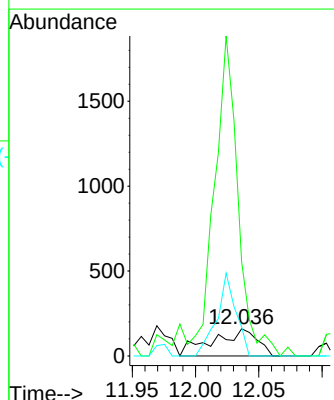
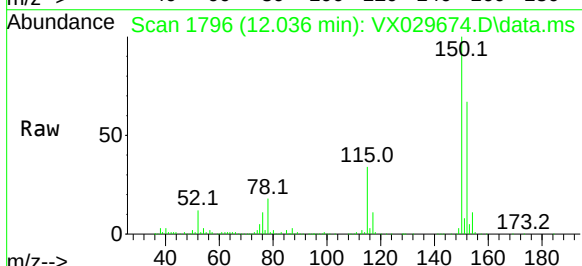
Tgt Ion:146 Resp: 387

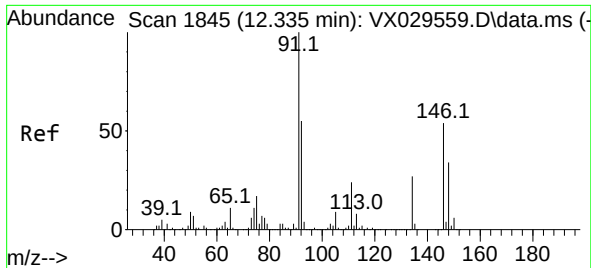
Ion Ratio Lower Upper

146 100

111 632.8 19.2 57.6#

148 131.8 32.3 96.9#

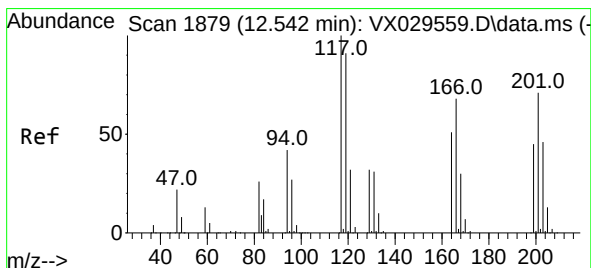
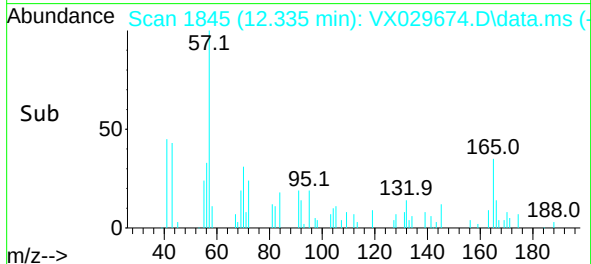
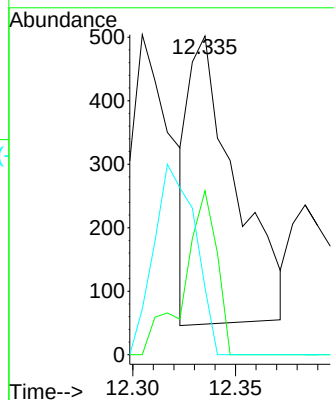
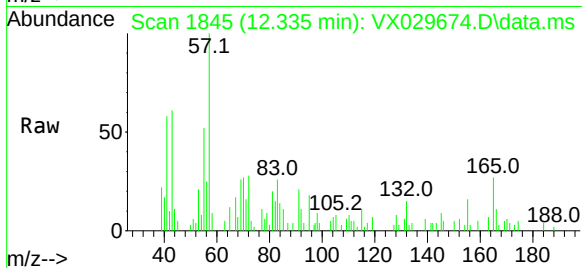




#89
n-Butylbenzene
Concen: 0.078 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

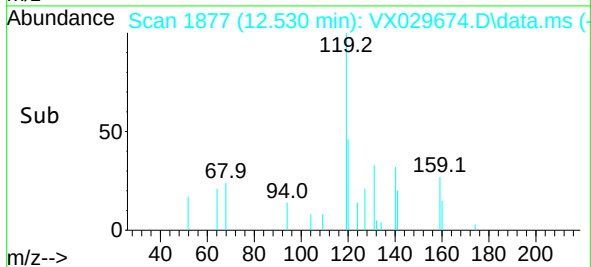
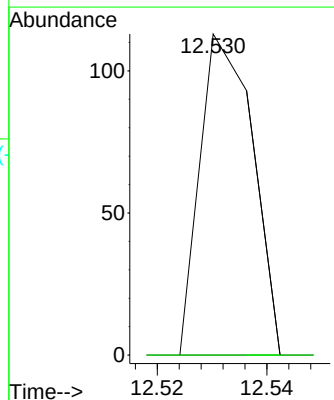
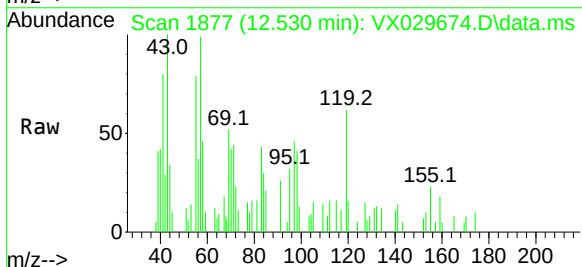
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

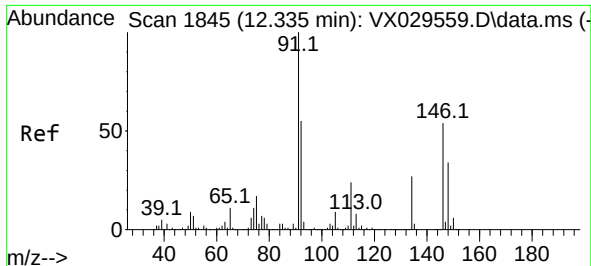
Tgt Ion:	91	Resp:	714
Ion	Ratio	Lower	Upper
91	100		
92	40.1	27.8	83.3
134	0.0	13.3	39.8



#90
Hexachloroethane
Concen: 0.048 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

Tgt Ion:	117	Resp:	75
Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 0.045 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

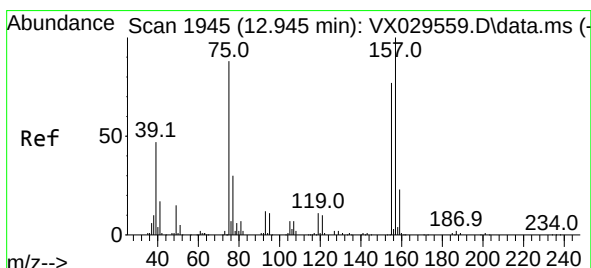
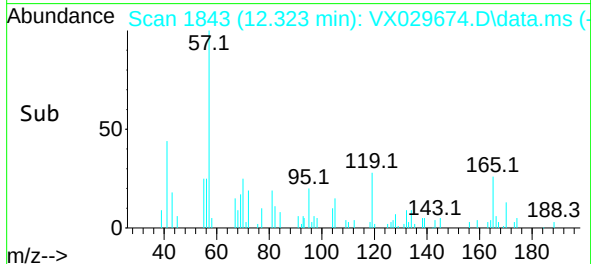
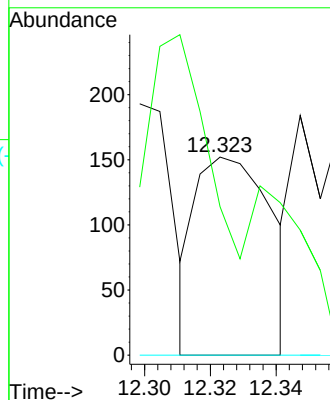
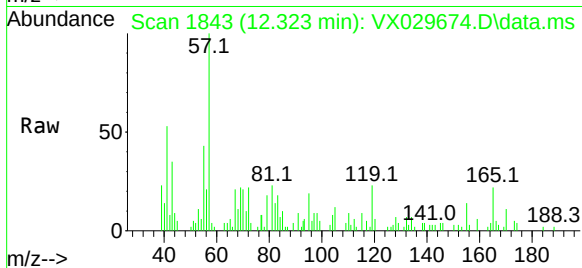
Instrument :

MSVOA_X

ClientSampleId :

ORA-021

Tgt Ion:	146	Resp:	243
Ion	Ratio	Lower	Upper
146	100		
111	61.3	21.0	63.0
148	0.0	32.6	97.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.033 ug/l

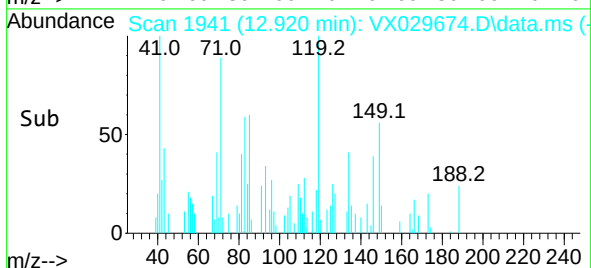
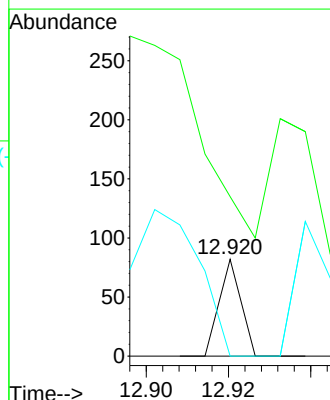
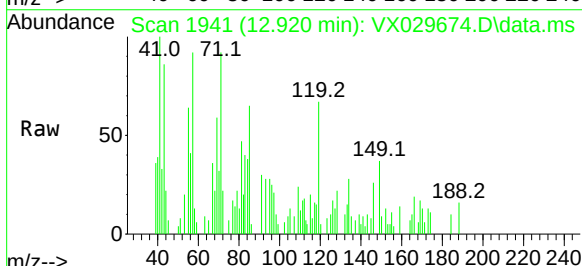
RT: 12.920 min Scan# 1941

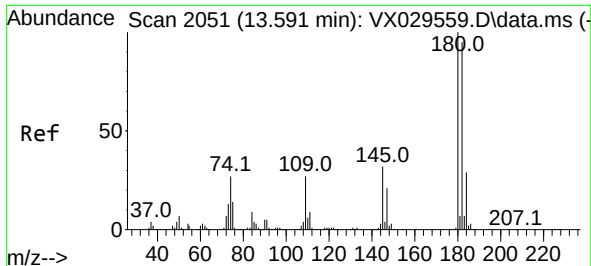
Delta R.T. -0.025 min

Lab File: VX029674.D

Acq: 21 Jun 2022 20:03

Tgt Ion:	75	Resp:	30
Ion	Ratio	Lower	Upper
75	100		
155	266.7	47.0	141.2#
157	220.0	57.9	173.6#

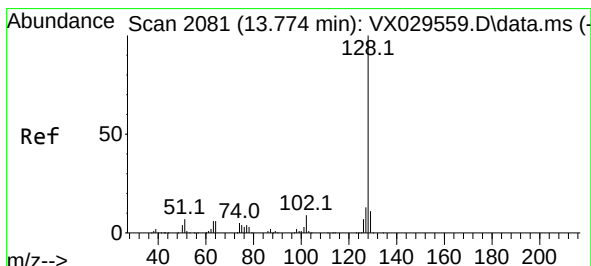
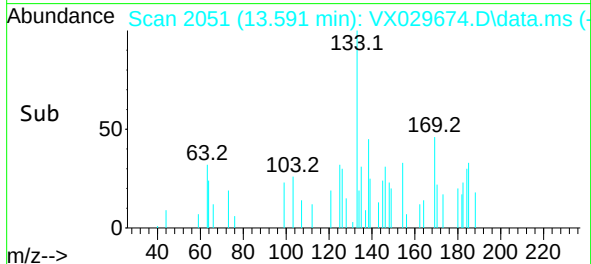
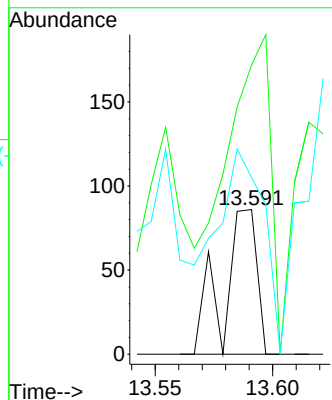
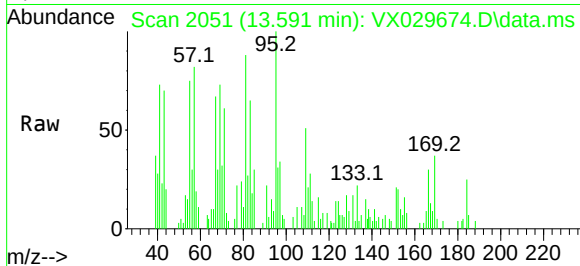




#93
1,2,4-Trichlorobenzene
Concen: 0.026 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

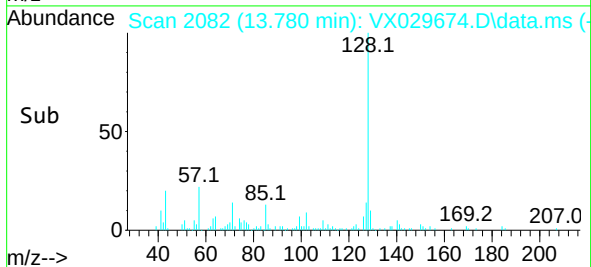
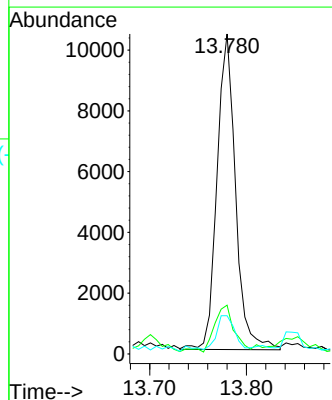
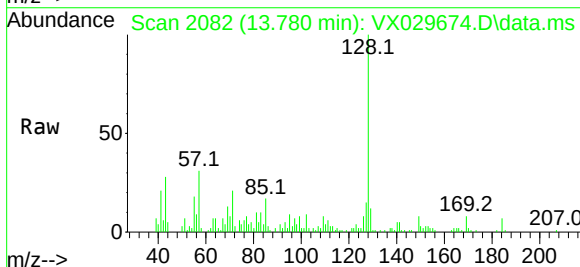
Instrument :
MSVOA_X
ClientSampleId :
ORA-021

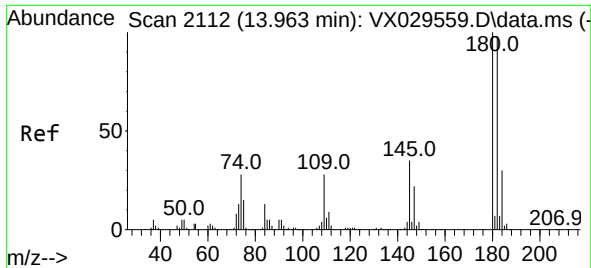
Tgt Ion:180 Resp: 85
Ion Ratio Lower Upper
180 100
182 298.8 47.7 143.1#
145 198.8 15.2 45.5#



#95
Naphthalene
Concen: 1.159 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029674.D
Acq: 21 Jun 2022 20:03

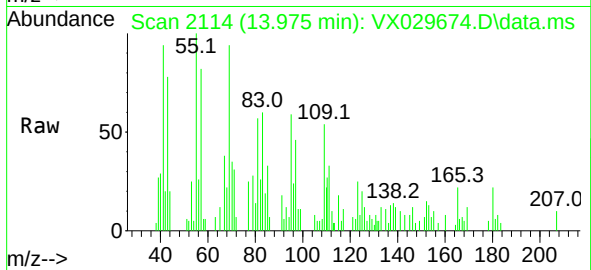
Tgt Ion:128 Resp: 13852
Ion Ratio Lower Upper
128 100
127 16.7 10.2 15.4#
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.177 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: VX029674.D
 Acq: 21 Jun 2022 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021



Tgt Ion:	180	Resp:	591
Ion	Ratio	Lower	Upper
180	100		
182	50.4	50.0	149.8
145	40.6	16.2	48.5

