

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033518.D
 Acq On : 20 Dec 2022 19:07
 Operator : JC/MD
 Sample : N6149-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIR-1

Quant Time: Dec 21 04:17:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	146159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	190642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.073	152	59634	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40033	42.695	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.380%
35) Dibromofluoromethane	5.391	113	50169	57.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.260%
50) Toluene-d8	8.653	98	101398	55.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.340%
62) 4-Bromofluorobenzene	11.091	95	82012	58.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.780%
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	309	0.302	ug/l #	42
11) Tert butyl alcohol	2.983	59	87044	303.635	ug/l	98
13) Acrolein	2.239	56	286	0.920	ug/l #	25
14) Allyl chloride	2.581	41	11660	5.510	ug/l #	73
15) Acrylonitrile	3.075	53	265	0.373	ug/l #	22
16) Acetone	2.380	43	394877	569.116	ug/l	97
17) Carbon Disulfide	2.514	76	932	0.274	ug/l #	74
18) Methyl Acetate	2.703	43	32771	16.315	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1895	0.413	ug/l #	46
20) Methylene Chloride	2.794	84	11970	7.736	ug/l	86
23) Vinyl Acetate	3.824	43	2617	0.744	ug/l #	72
25) 2-Butanone	4.556	43	251721	252.743	ug/l	94
29) Tetrahydrofuran	5.032	42	1238	1.919	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	9930	5.850	ug/l #	50
37) Ethyl Acetate	4.721	43	32858	20.478	ug/l #	89
38) Carbon Tetrachloride	5.556	117	14129	7.429	ug/l #	14
40) Benzene	6.044	78	3489	0.705	ug/l	94
41) Methacrylonitrile	5.013	41	538	0.608	ug/l #	21
43) Isopropyl Acetate	6.196	43	3133749	1213.845	ug/l #	61
47) Bromodichloromethane	7.592	83	1545	0.822	ug/l #	1
48) Methyl methacrylate	7.805	41	54814	41.139	ug/l #	42
49) 1,4-Dioxane	7.702	88	25371	835.032	ug/l #	80
51) 4-Methyl-2-Pentanone	8.549	43	67687	41.459	ug/l #	36
52) Toluene	8.720	92	14524	4.539	ug/l	99
53) t-1,3-Dichloropropene	8.903	75	127625	62.548	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	20190	10.095	ug/l #	56
55) 1,1,2-Trichloroethane	9.006	97	484	0.360	ug/l #	1
56) Ethyl methacrylate	9.055	69	54455	28.754	ug/l #	22
57) 1,3-Dichloropropane	9.494	76	3225	1.493	ug/l #	42
59) 2-Hexanone	9.299	43	1751437	1455.734	ug/l #	40
65) Chlorobenzene	10.092	112	896	0.232	ug/l #	70
67) Ethyl Benzene	10.201	91	8002	1.190	ug/l	97
68) m/p-Xylenes	10.305	106	14241	5.442	ug/l	98
69) o-Xylene	10.646	106	8480	3.279	ug/l	91
73) Isopropylbenzene	10.976	105	915	0.212	ug/l	98
74) N-amyl acetate	10.854	43	60914	41.306	ug/l #	76

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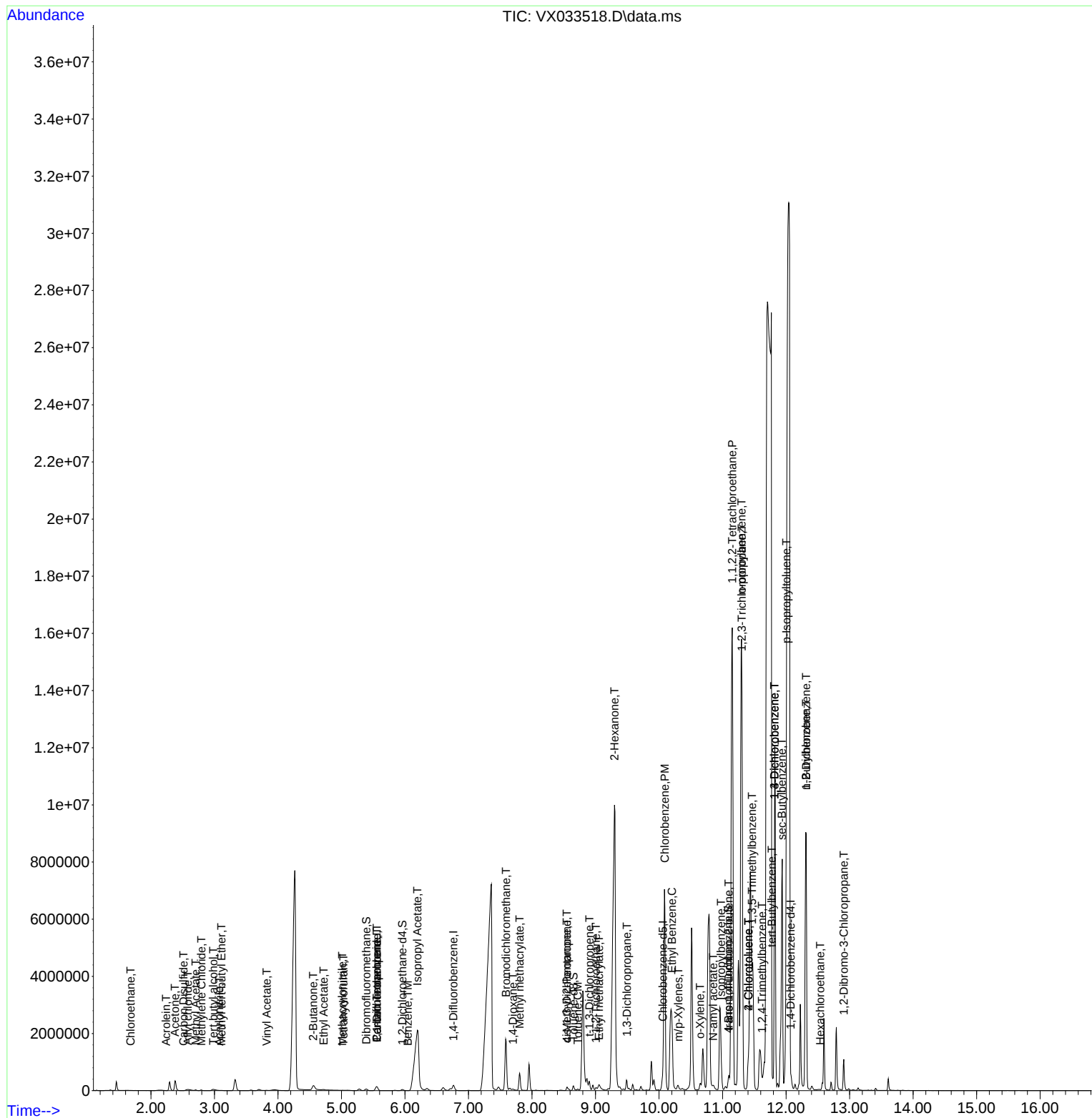
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

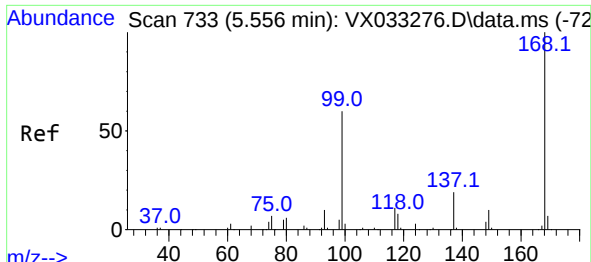
75) 1,1,2,2-Tetrachloroethane	11.152	83	37215	27.140	ug/l #	1	
76) 1,2,3-Trichloropropane	11.305	75	8845	7.290	ug/l #	1	
78) n-propylbenzene	11.299	91	47529	9.848	ug/l #	52	
79) 2-Chlorotoluene	11.408	91	40560	13.599	ug/l #	1	
80) 1,3,5-Trimethylbenzene	11.463	105	5388	1.498	ug/l	98	
81) trans-1,4-Dichloro-2-b...	11.098	75	59182	151.737	ug/l #	6	
82) 4-Chlorotoluene	11.408	91	40596	11.705	ug/l #	1	
83) tert-Butylbenzene	11.774	119	2331	0.650	ug/l #	30	
84) 1,2,4-Trimethylbenzene	11.622	105	6681	1.860	ug/l	78	
85) sec-Butylbenzene	11.933	105	5606	1.339	ug/l #	63	
86) p-Isopropyltoluene	12.006	119	2075	0.575	ug/l #	72	
87) 1,3-Dichlorobenzene	11.817	146	689	0.348	ug/l #	25	
88) 1,4-Dichlorobenzene	11.817	146	689	0.341	ug/l #	24	
89) n-Butylbenzene	12.317	91	35079	11.867	ug/l #	49	
90) Hexachloroethane	12.536	117	454	0.740	ug/l #	12	
91) 1,2-Dichlorobenzene	12.317	146	509	0.257	ug/l #	1	
92) 1,2-Dibromo-3-Chloropr...	12.908	75	488	1.648	ug/l #	1	

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

Instrument :
MSVOA_X
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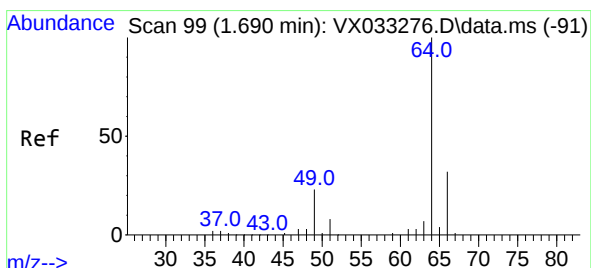
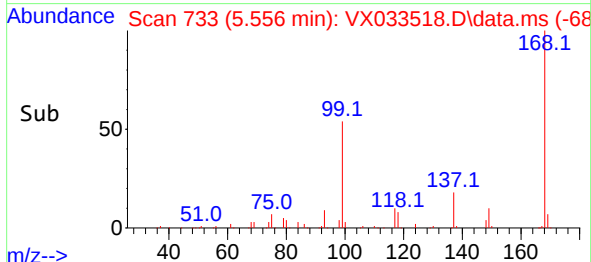
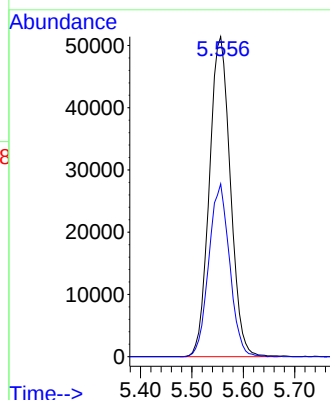
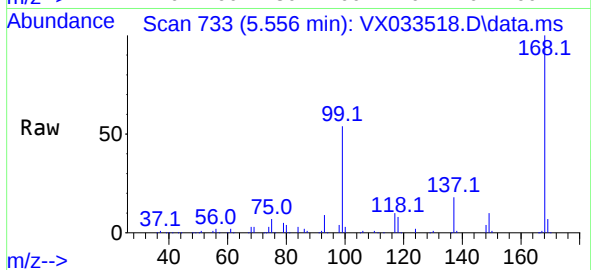




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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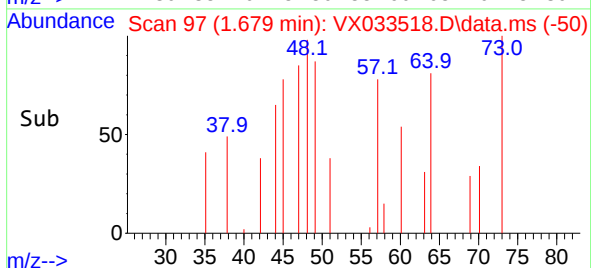
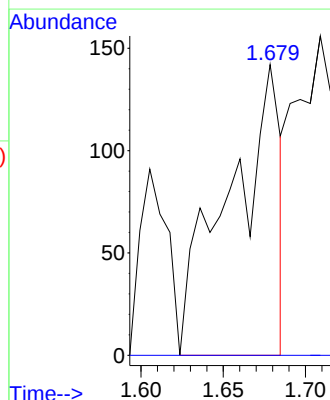
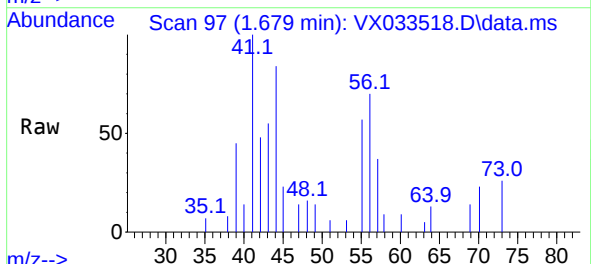
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

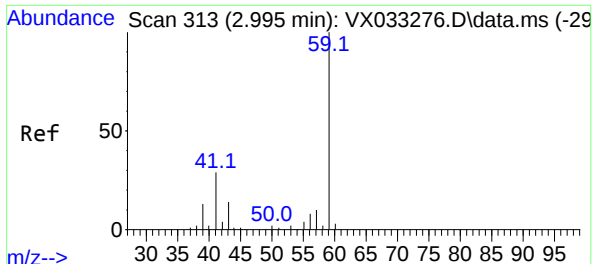
Tgt Ion:168 Resp: 146159
Ion Ratio Lower Upper
168 100
99 54.0 46.1 69.1



#6
Chloroethane
Concen: 0.302 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 64 Resp: 309
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 303.635 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

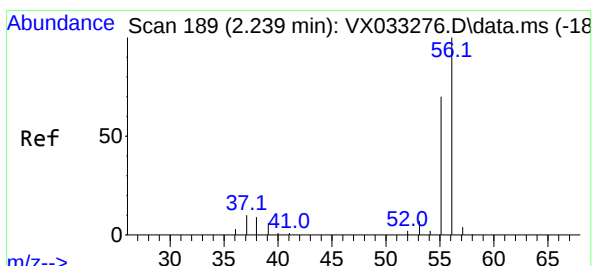
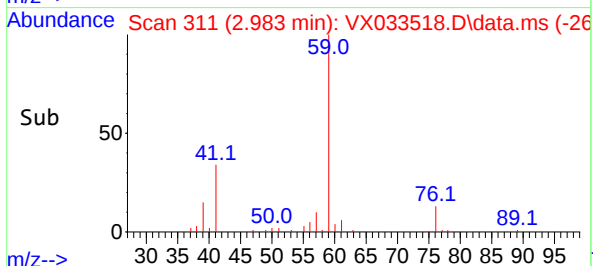
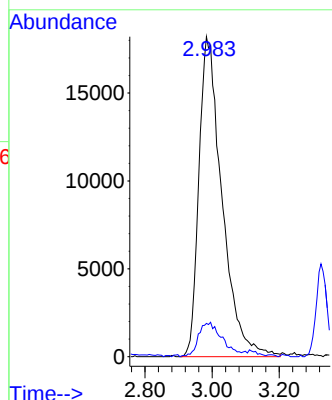
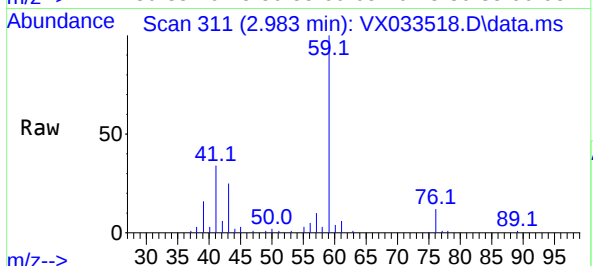
FAIR-1

Tgt Ion: 59 Resp: 87044

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.4



#13

Acrolein

Concen: 0.920 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033518.D

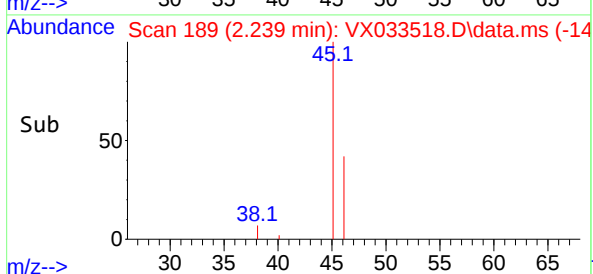
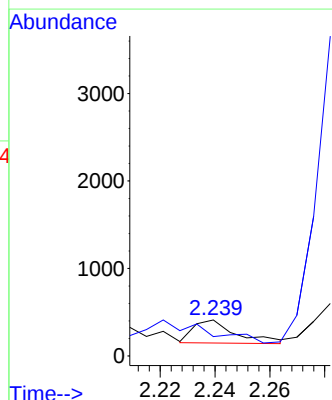
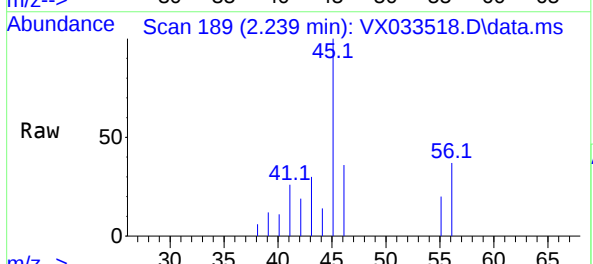
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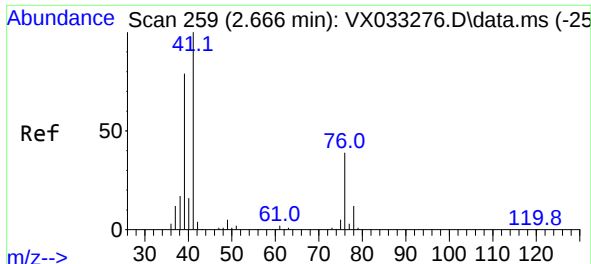
Tgt Ion: 56 Resp: 286

Ion Ratio Lower Upper

56 100

55 133.2 56.9 85.3#

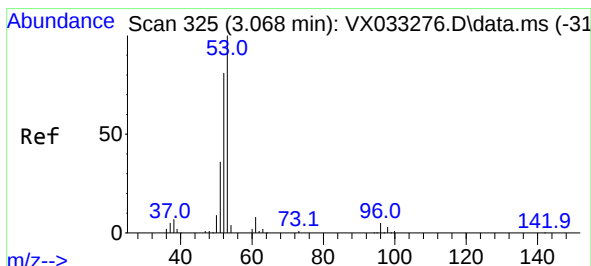
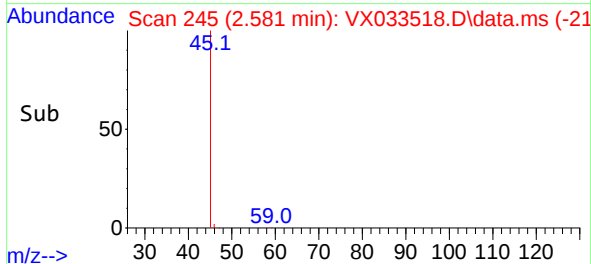
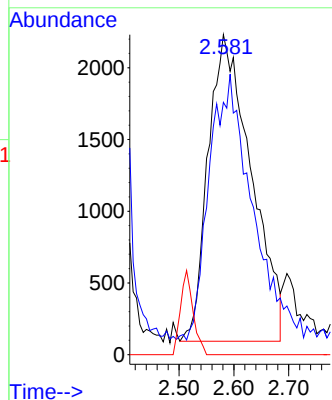
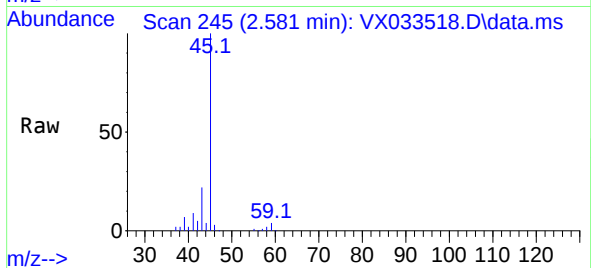




#14
 Allyl chloride
 Concen: 5.510 ug/l
 RT: 2.581 min Scan# 24
 Delta R.T. -0.085 min
 Lab File: VX033518.D
 Acq: 20 Dec 2022 19:07

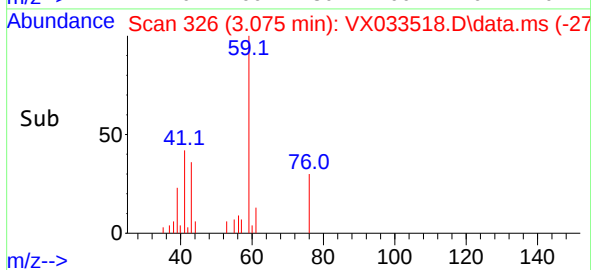
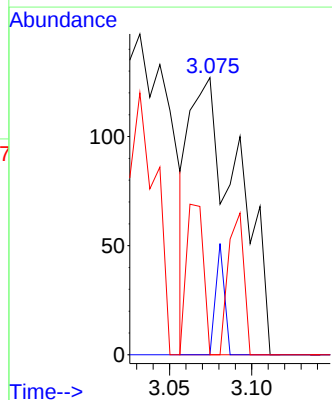
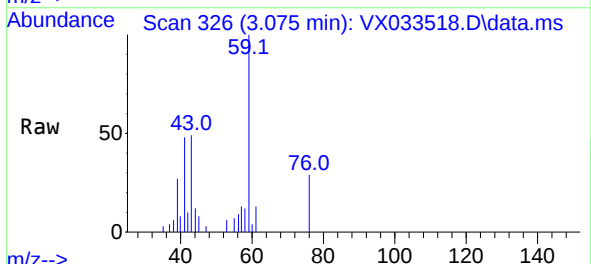
Instrument :
 MSVOA_X
 ClientSampleId :
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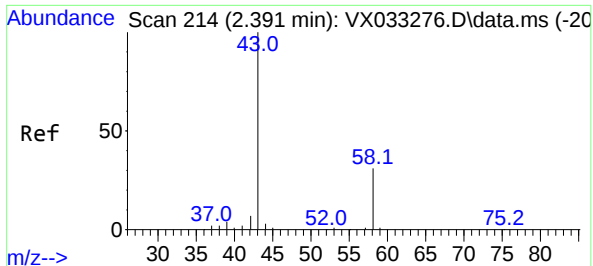
Tgt Ion: 41 Resp: 11660
 Ion Ratio Lower Upper
 41 100
 39 86.0 61.4 92.2
 76 0.0 29.2 43.8#



#15
 Acrylonitrile
 Concen: 0.373 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VX033518.D
 Acq: 20 Dec 2022 19:07

Tgt Ion: 53 Resp: 265
 Ion Ratio Lower Upper
 53 100
 52 7.2 67.4 101.0#
 51 0.0 30.3 45.5#

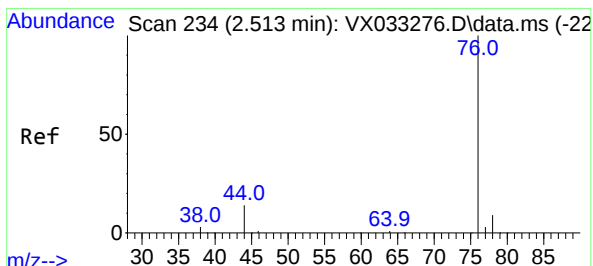
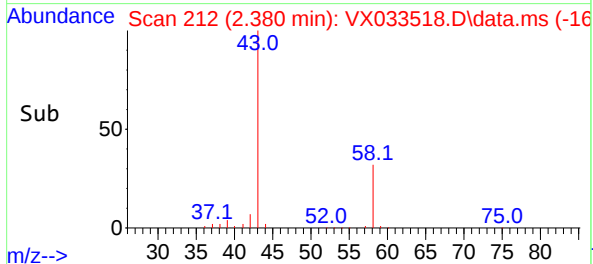
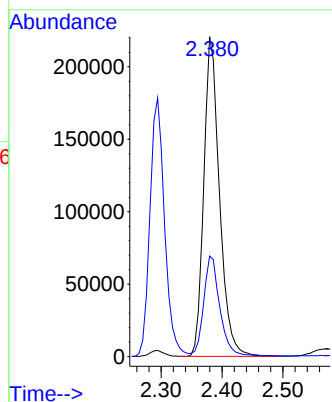
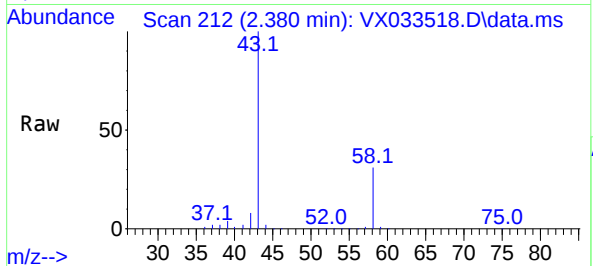




#16
Acetone
Concen: 569.116 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

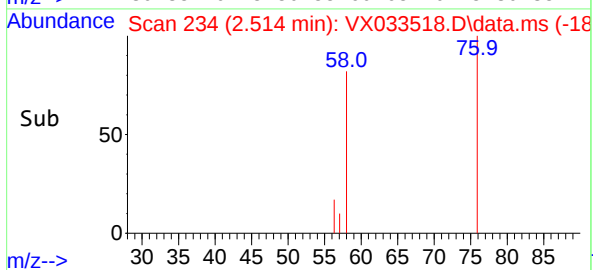
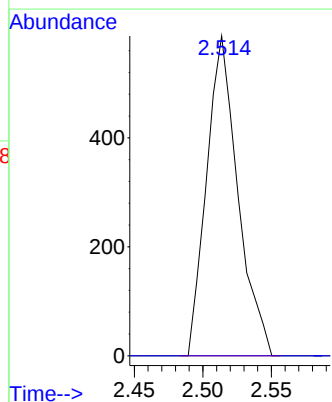
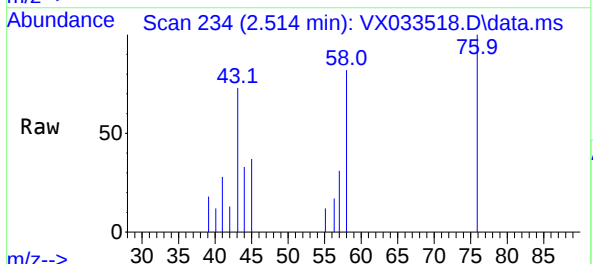
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

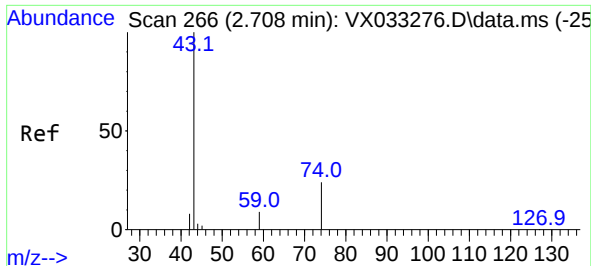
Tgt Ion: 43 Resp: 394877
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8



#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 76 Resp: 932
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#18

Methyl Acetate

Concen: 16.315 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

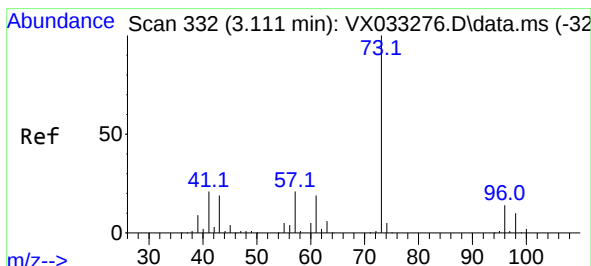
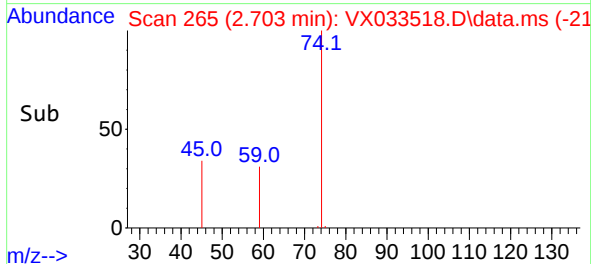
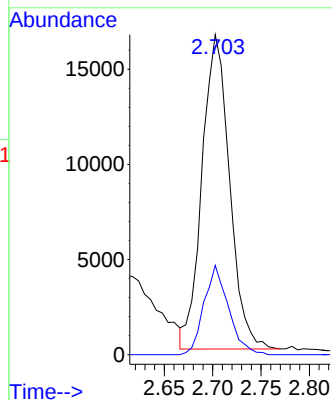
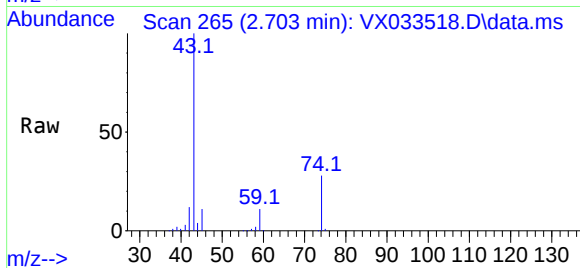
FAIR-1

Tgt Ion: 43 Resp: 32771

Ion Ratio Lower Upper

43 100

74 25.3 19.4 29.0



#19

Methyl tert-butyl Ether

Concen: 0.413 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX033518.D

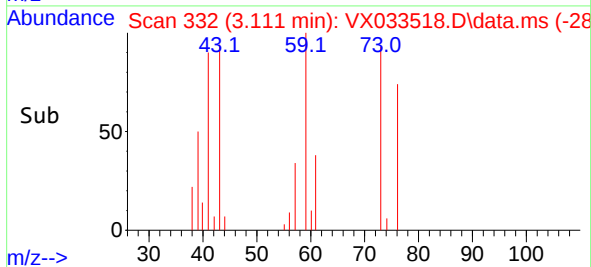
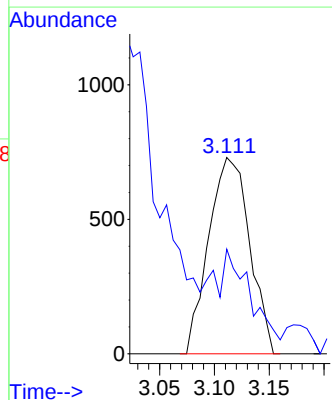
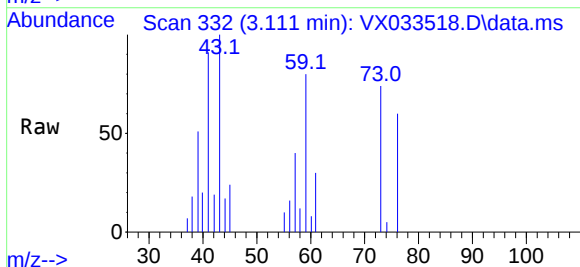
Acq: 20 Dec 2022 19:07

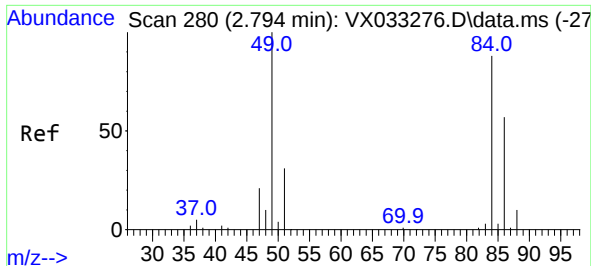
Tgt Ion: 73 Resp: 1895

Ion Ratio Lower Upper

73 100

57 46.2 16.6 25.0#



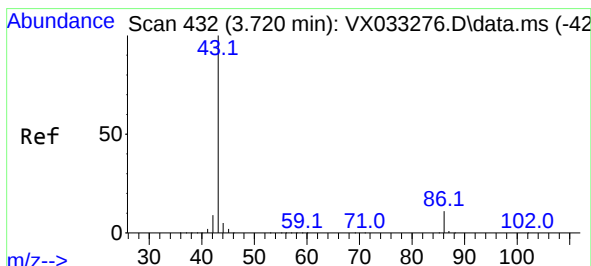
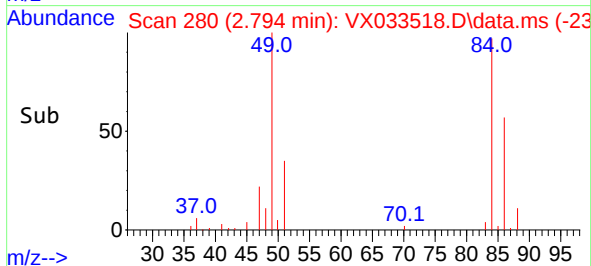
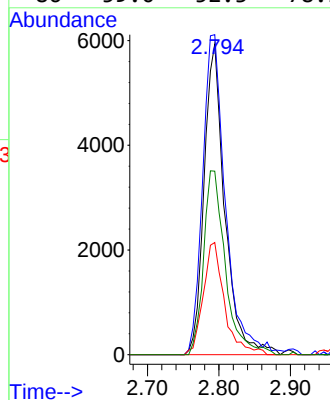
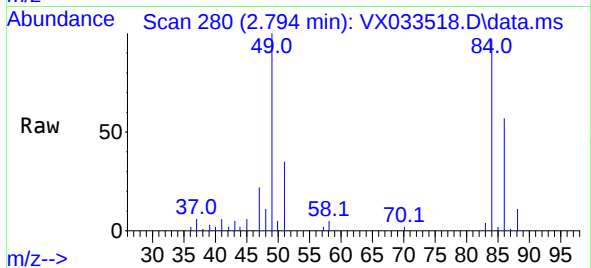


#20
Methylene Chloride
Concen: 7.736 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

Tgt Ion: 84 Resp: 11970

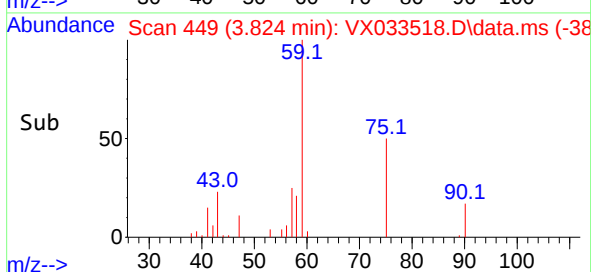
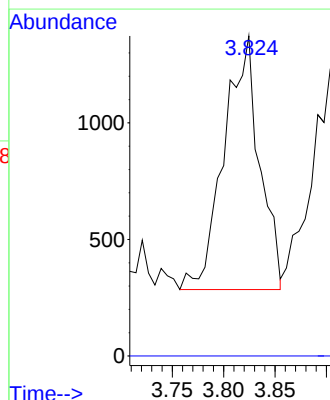
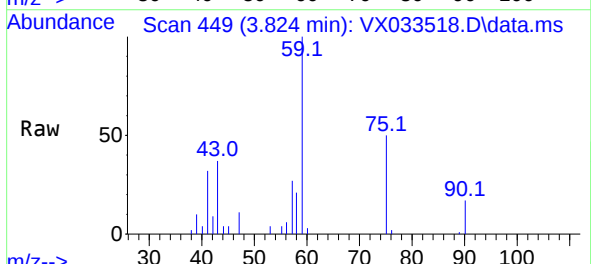
Ion	Ratio	Lower	Upper
84	100		
49	103.0	101.0	151.6
51	36.1	31.1	46.7
86	59.0	52.3	78.5

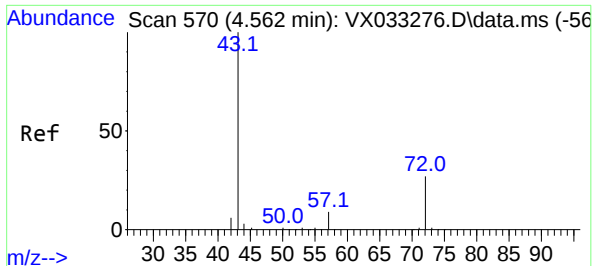


#23
Vinyl Acetate
Concen: 0.744 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.104 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 43 Resp: 2617

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

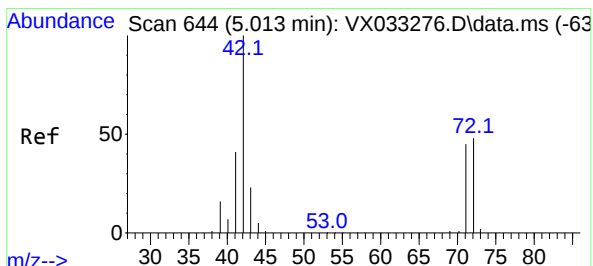
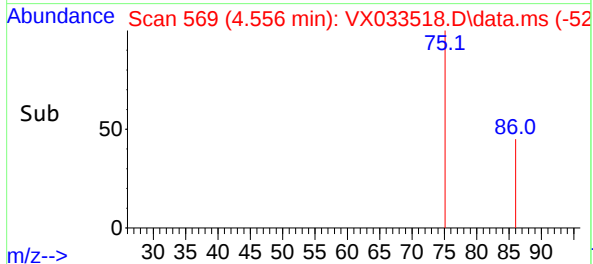
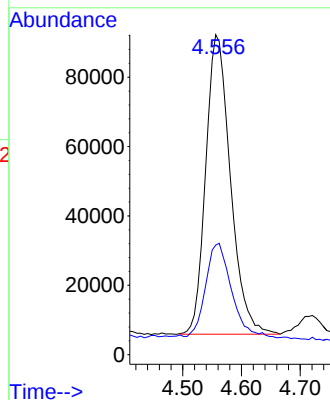
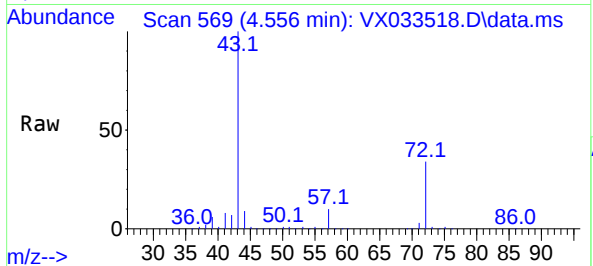




#25
2-Butanone
Concen: 252.743 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

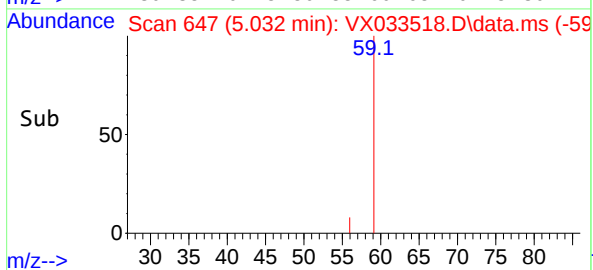
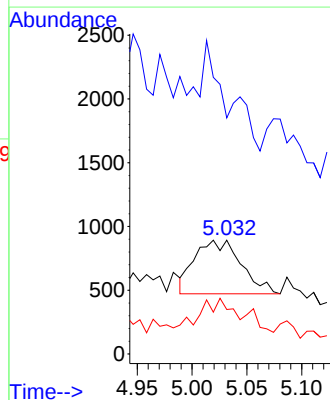
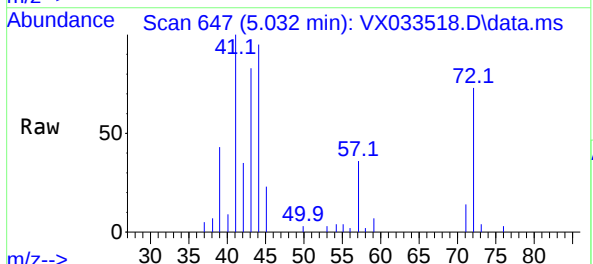
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

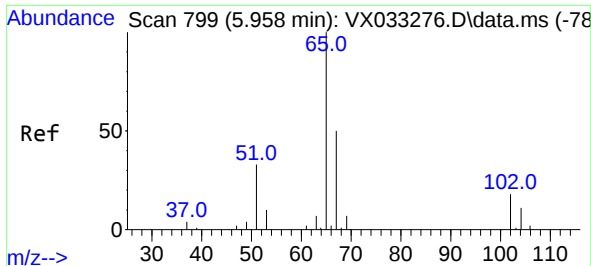
Tgt Ion: 43 Resp: 251721
Ion Ratio Lower Upper
43 100
72 30.8 22.2 33.2



#29
Tetrahydrofuran
Concen: 1.919 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 42 Resp: 1238
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 13.2 34.7 52.1#

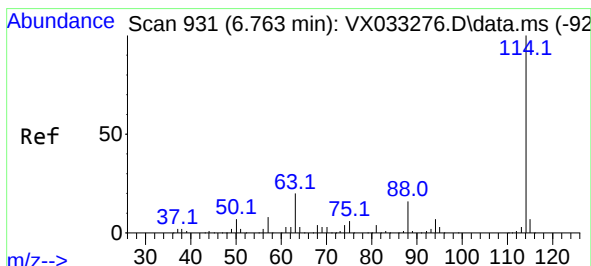
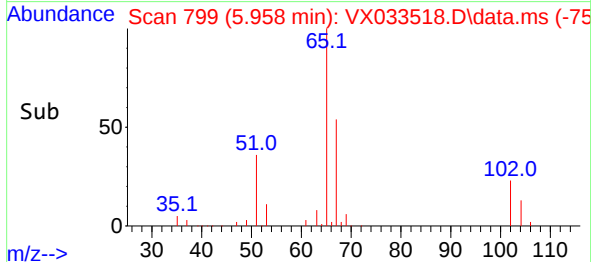
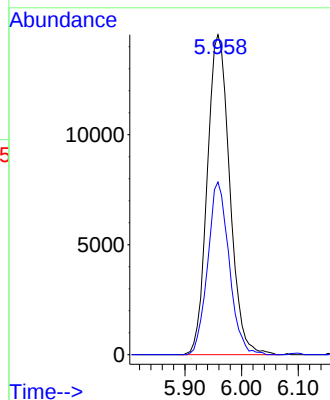
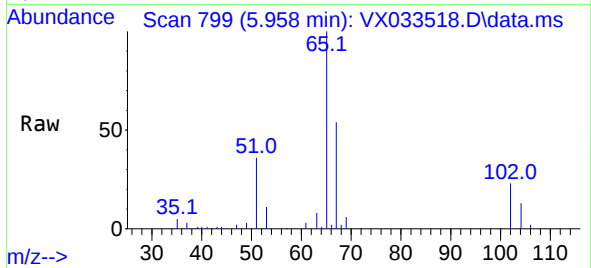




#33
1,2-Dichloroethane-d4
Concen: 42.695 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

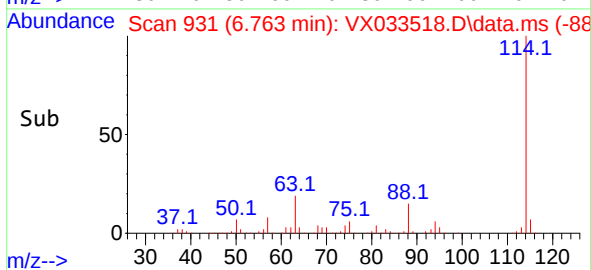
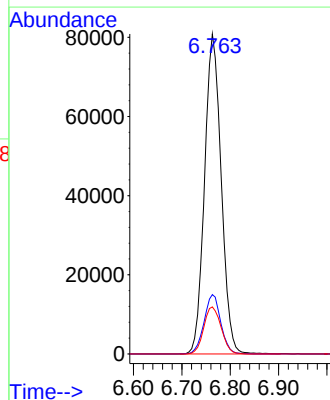
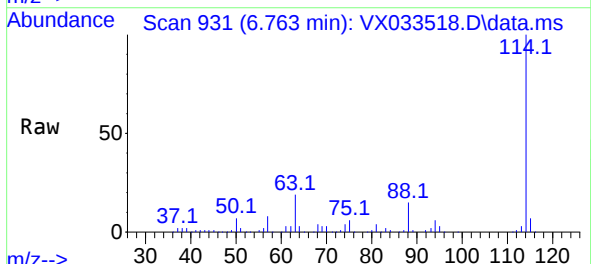
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

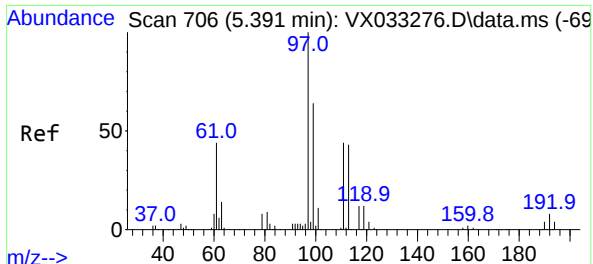
Tgt Ion: 65 Resp: 40033
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 114 Resp: 193563
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 14.7 0.0 33.4

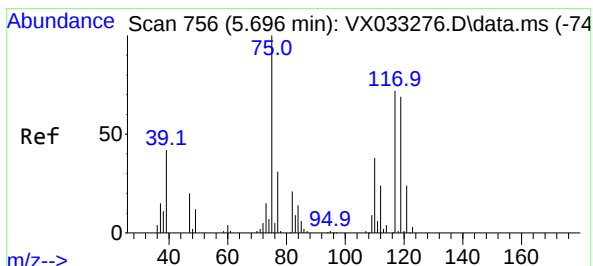
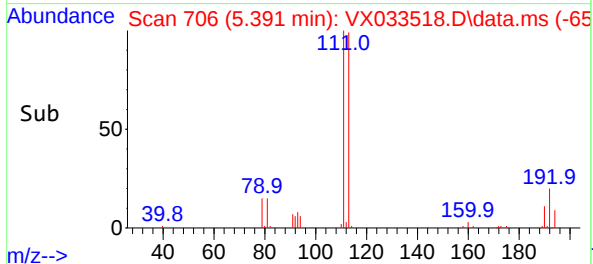
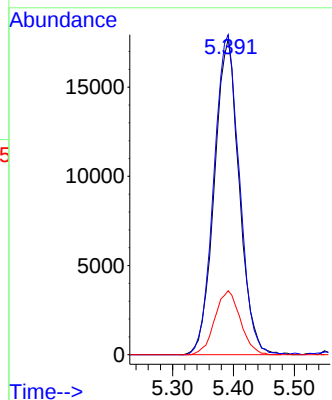
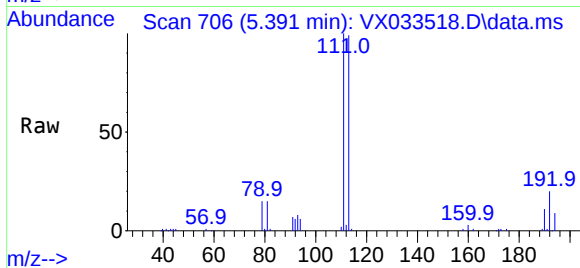




#35
Dibromofluoromethane
Concen: 57.625 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

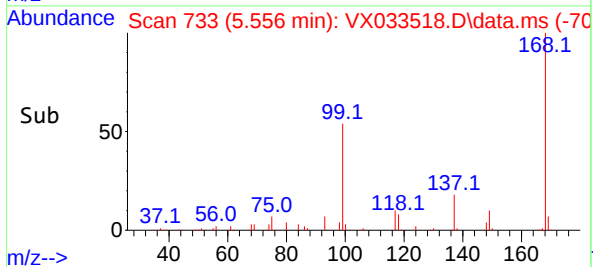
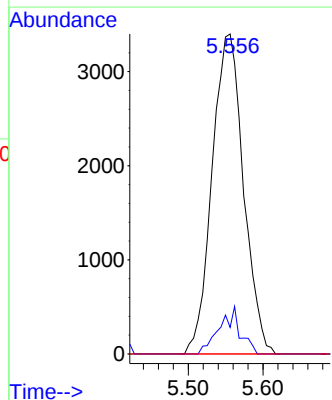
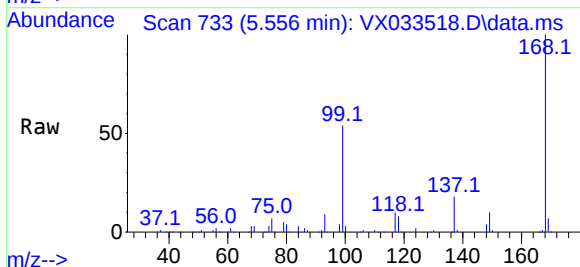
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

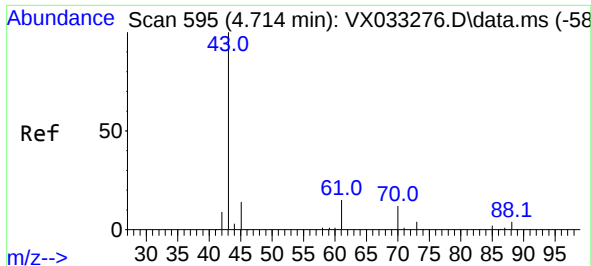
Tgt Ion:113 Resp: 50169
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 20.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.850 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 75 Resp: 9930
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 20.478 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

FAIR-1

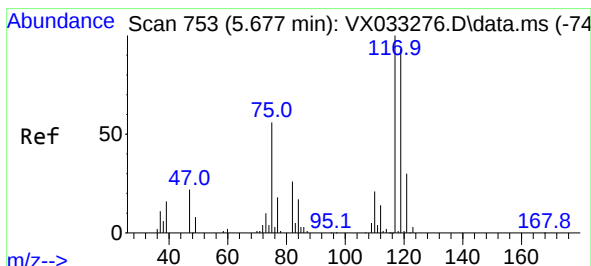
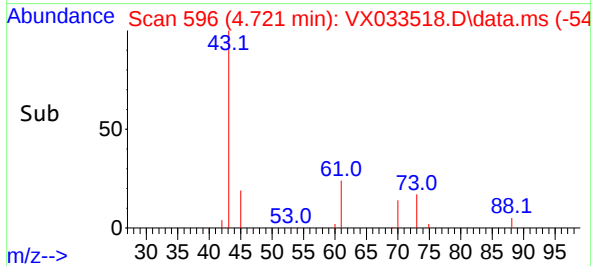
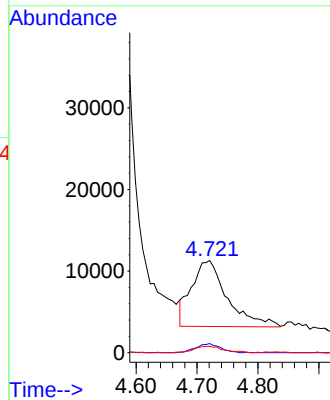
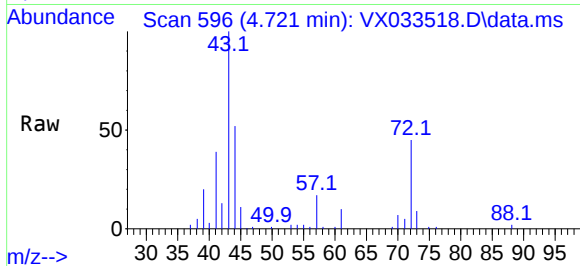
Tgt Ion: 43 Resp: 32858

Ion Ratio Lower Upper

43 100

61 9.3 11.5 17.3#

70 8.0 9.1 13.7#



#38

Carbon Tetrachloride

Concen: 7.429 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

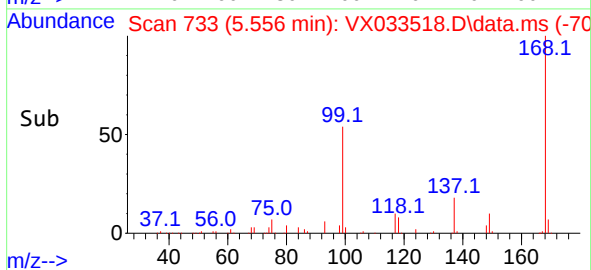
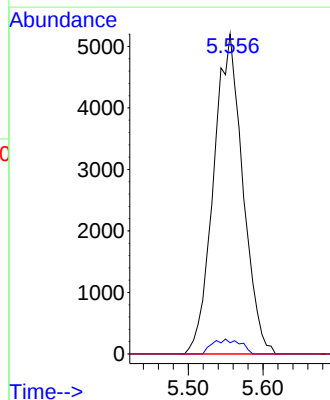
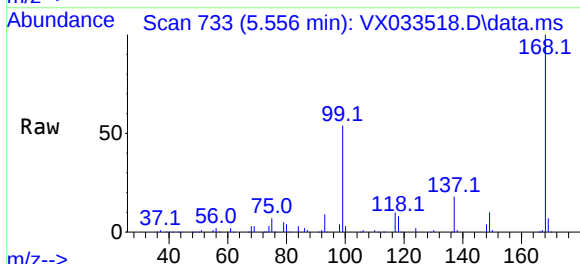
Tgt Ion: 117 Resp: 14129

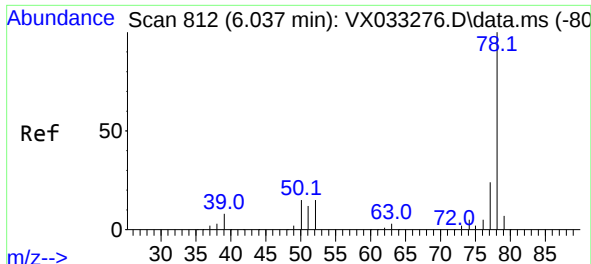
Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

121 0.0 25.8 38.6#

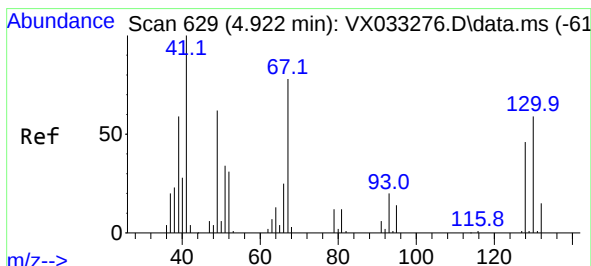
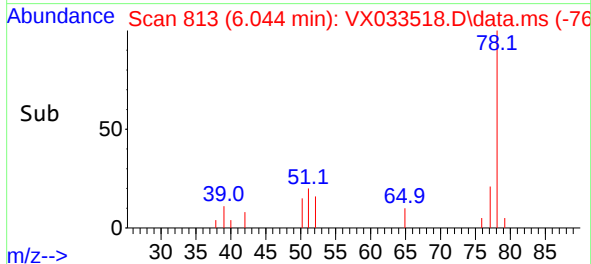
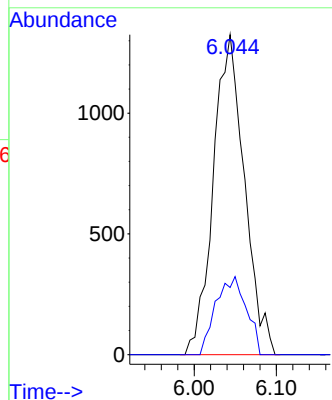
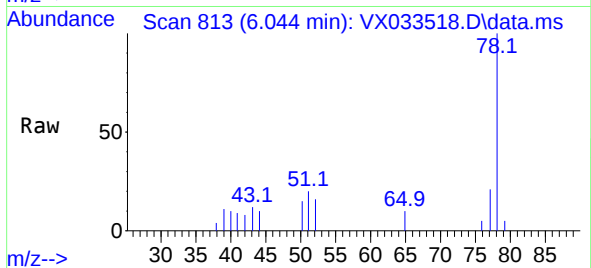




#40
Benzene
Concen: 0.705 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

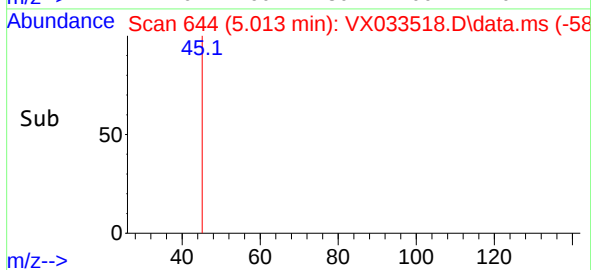
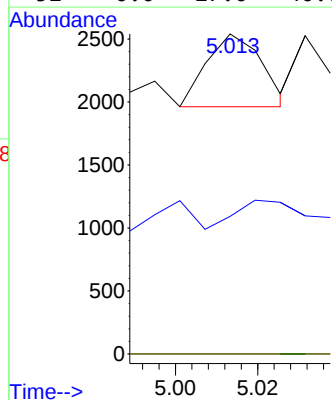
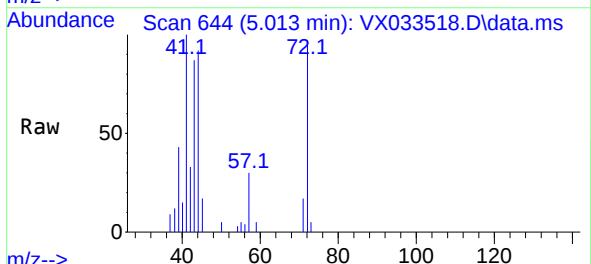
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

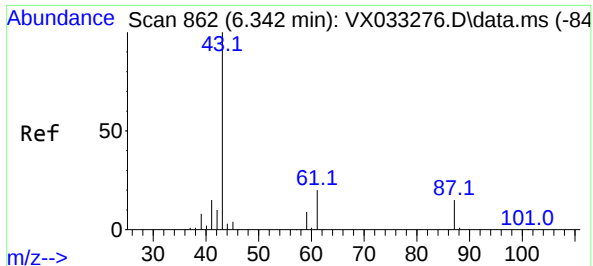
Tgt Ion: 78 Resp: 3489
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4



#41
Methacrylonitrile
Concen: 0.608 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.092 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 41 Resp: 538
Ion Ratio Lower Upper
41 100
39 0.0 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#

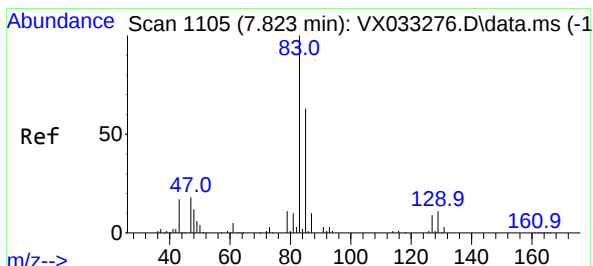
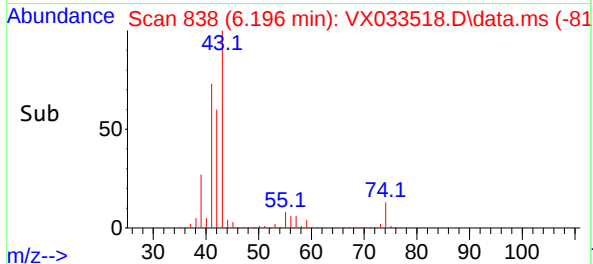
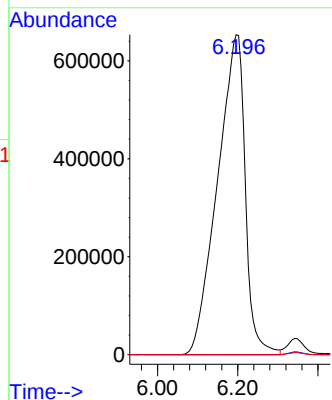
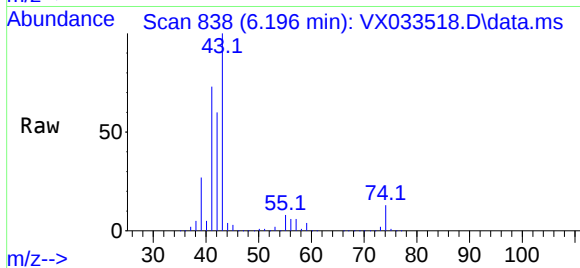




#43
Isopropyl Acetate
Concen: 1213.845 ug/l
RT: 6.196 min Scan# 81
Delta R.T. -0.146 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

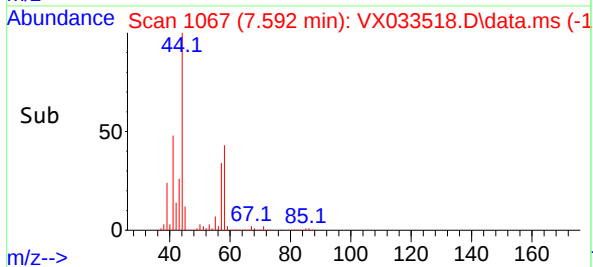
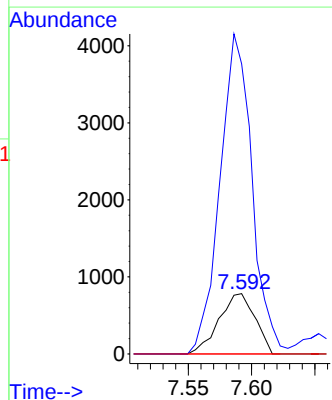
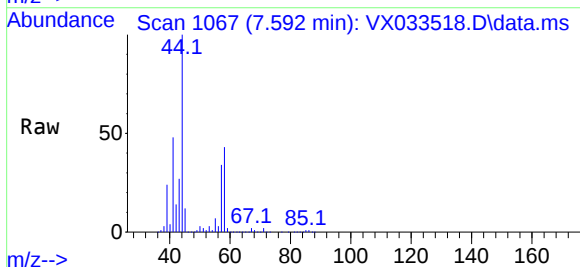
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

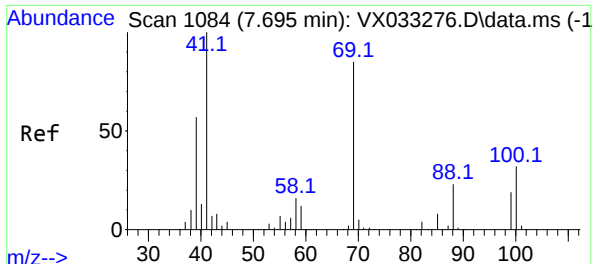
Tgt Ion: 43 Resp: 3133749
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



#47
Bromodichloromethane
Concen: 0.822 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.231 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 83 Resp: 1545
Ion Ratio Lower Upper
83 100
85 481.5 52.2 78.4#
127 0.0 7.4 11.2#

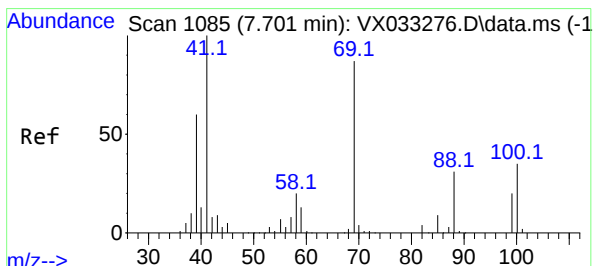
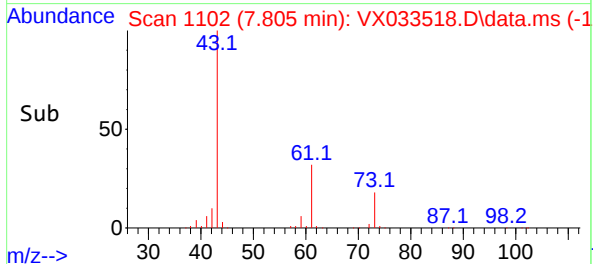
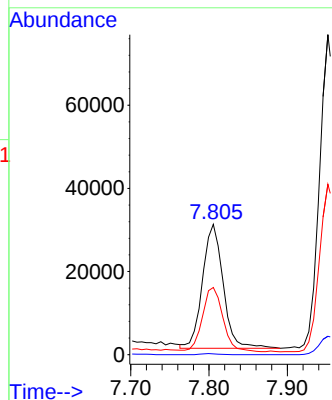
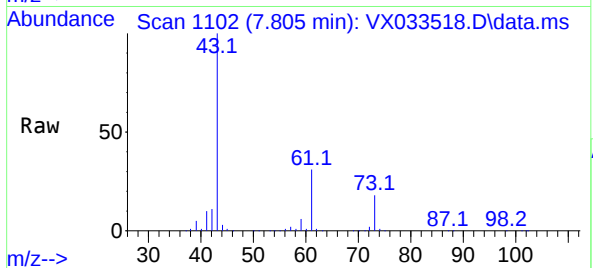




#48
Methyl methacrylate
Concen: 41.139 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

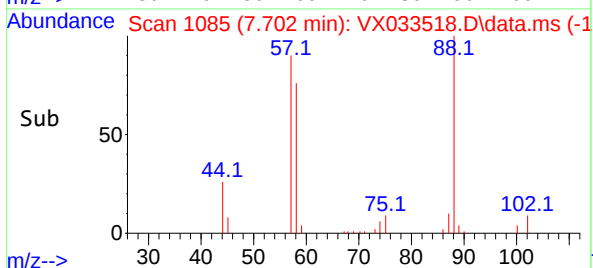
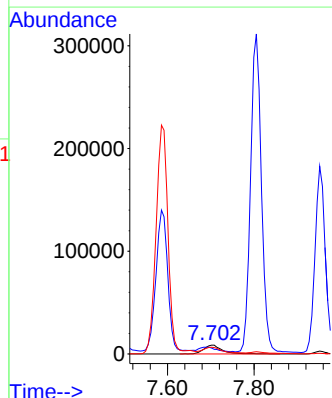
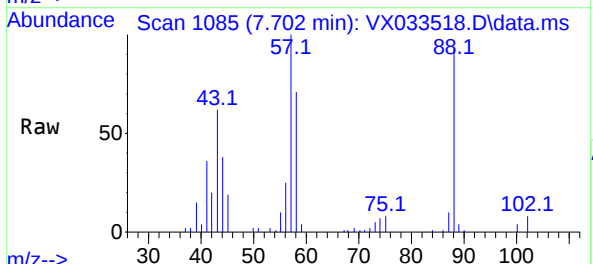
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

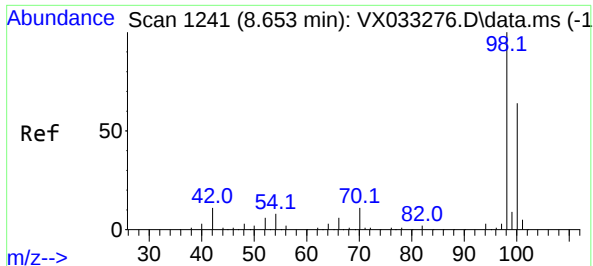
Tgt Ion: 41 Resp: 54814
Ion Ratio Lower Upper
41 100
69 0.7 65.1 97.7#
39 51.2 51.9 77.9#



#49
1,4-Dioxane
Concen: 835.032 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 88 Resp: 25371
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 64.5 51.7 77.5





#50

Toluene-d8

Concen: 55.674 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

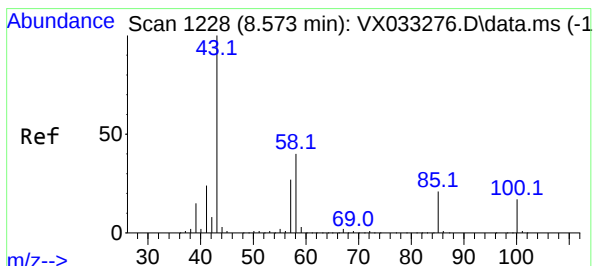
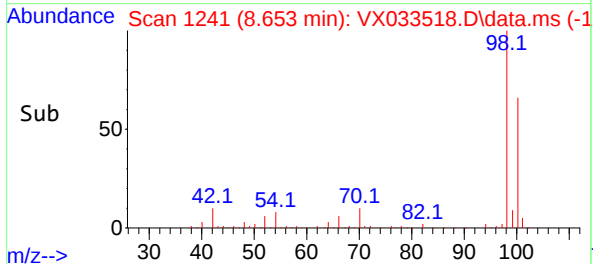
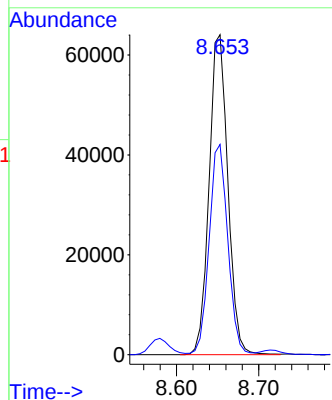
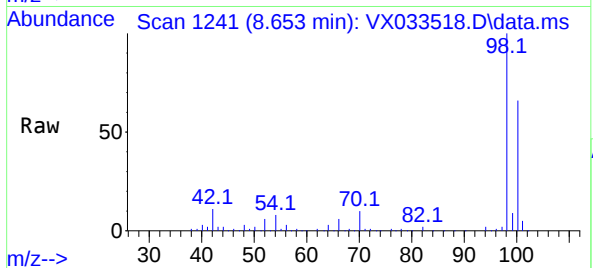
FAIR-1

Tgt Ion: 98 Resp: 101398

Ion Ratio Lower Upper

98 100

100 65.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 41.459 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX033518.D

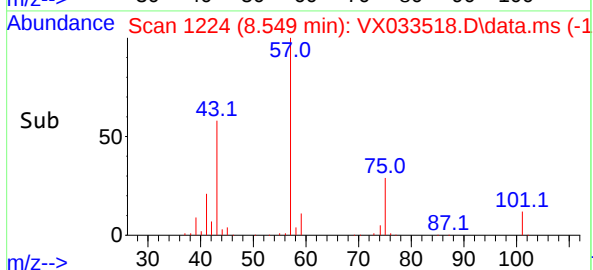
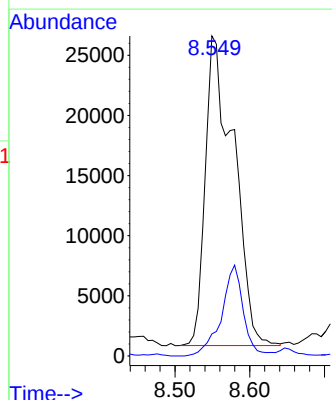
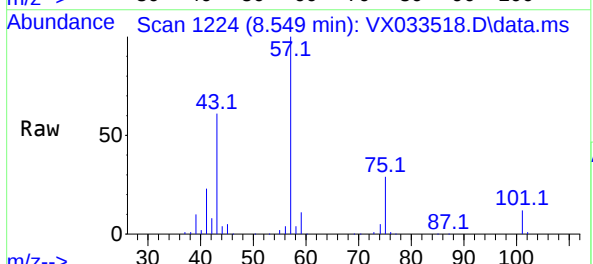
Acq: 20 Dec 2022 19:07

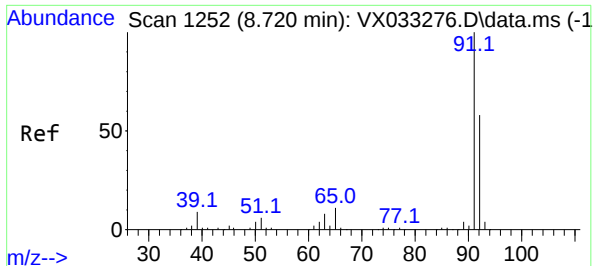
Tgt Ion: 43 Resp: 67687

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#





#52

Toluene

Concen: 4.539 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

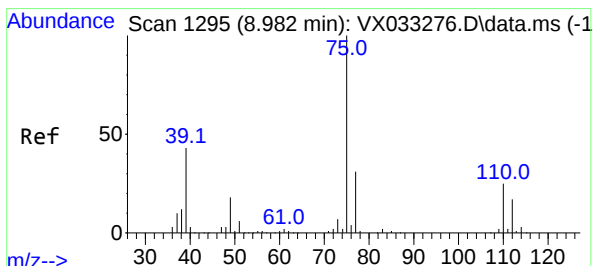
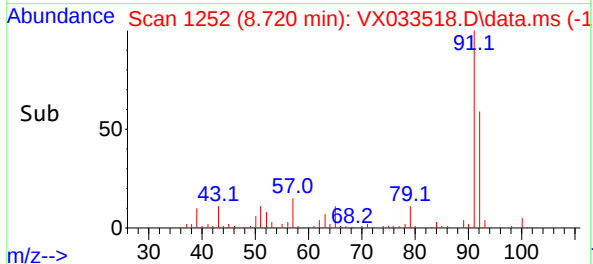
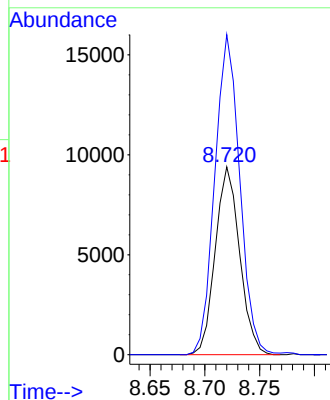
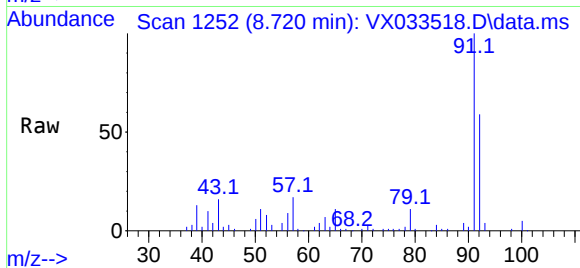
FAIR-1

Tgt Ion: 92 Resp: 14524

Ion Ratio Lower Upper

92 100

91 174.9 138.3 207.5



#53

t-1,3-Dichloropropene

Concen: 62.548 ug/l

RT: 8.903 min Scan# 1282

Delta R.T. -0.079 min

Lab File: VX033518.D

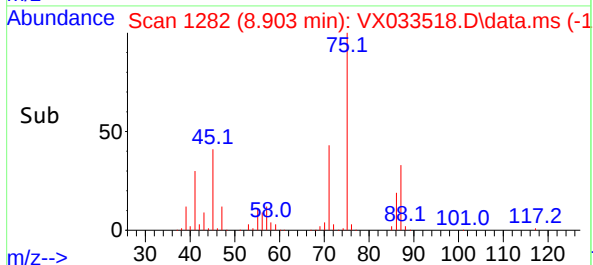
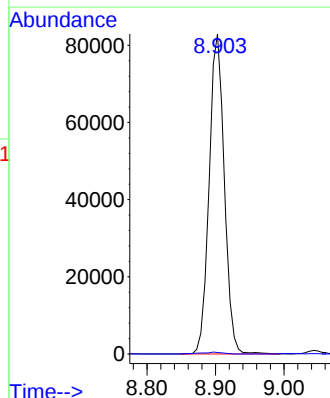
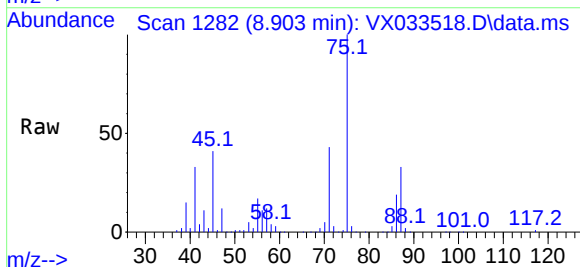
Acq: 20 Dec 2022 19:07

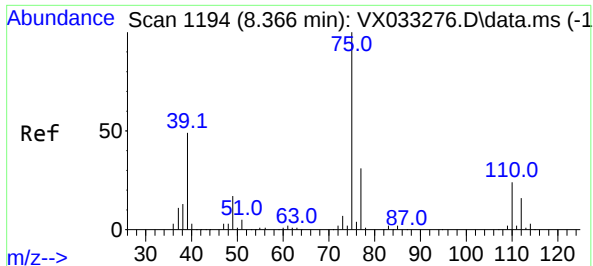
Tgt Ion: 75 Resp: 127625

Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#





#54

cis-1,3-Dichloropropene

Concen: 10.095 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

FAIR-1

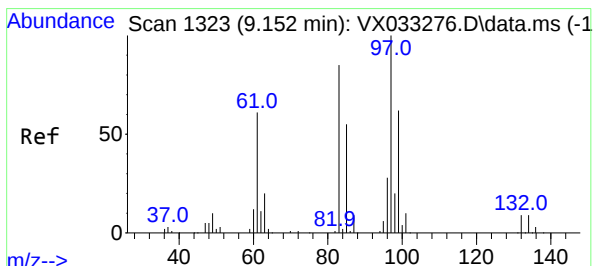
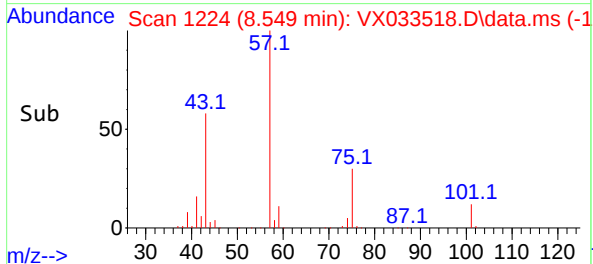
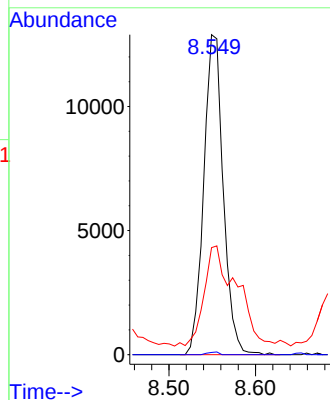
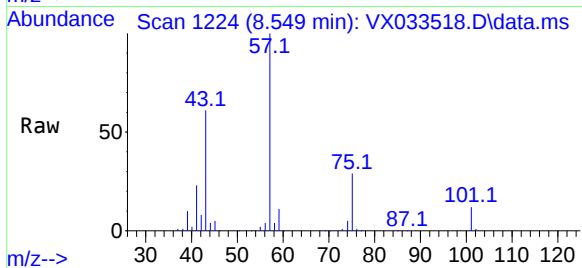
Tgt Ion: 75 Resp: 20190

Ion Ratio Lower Upper

75 100

77 0.7 25.1 37.7#

39 29.7 45.5 68.3#



#55

1,1,2-Trichloroethane

Concen: 0.360 ug/l

RT: 9.006 min Scan# 1299

Delta R.T. -0.146 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Tgt Ion: 97 Resp: 484

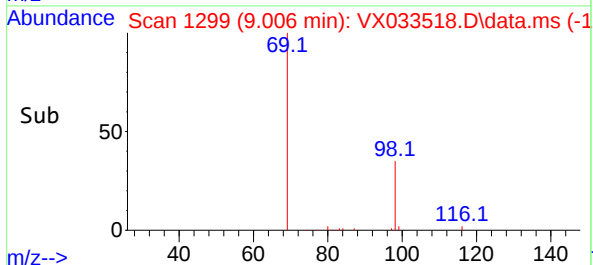
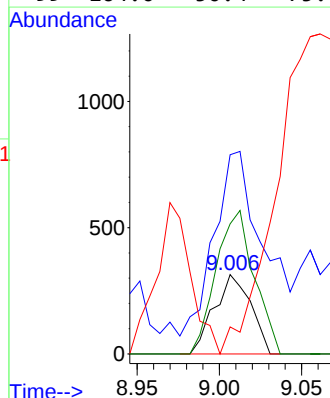
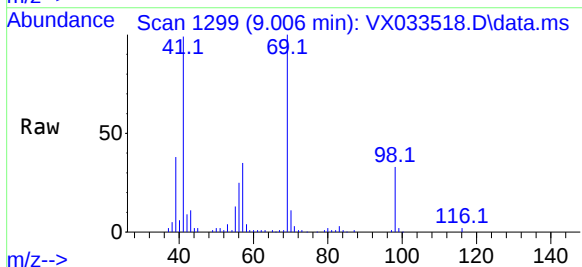
Ion Ratio Lower Upper

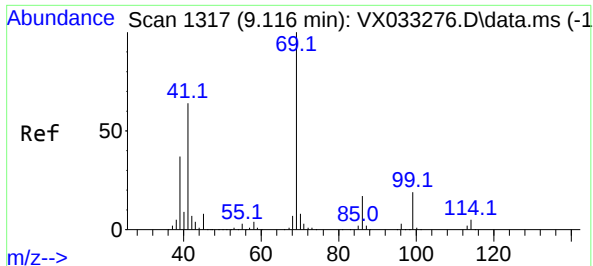
97 100

83 228.7 68.1 102.1#

85 0.0 43.3 64.9#

99 164.0 50.4 75.6#





#56

Ethyl methacrylate

Concen: 28.754 ug/l

RT: 9.055 min Scan# 11

Delta R.T. -0.061 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

FAIR-1

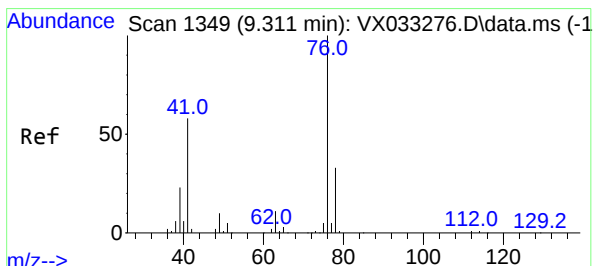
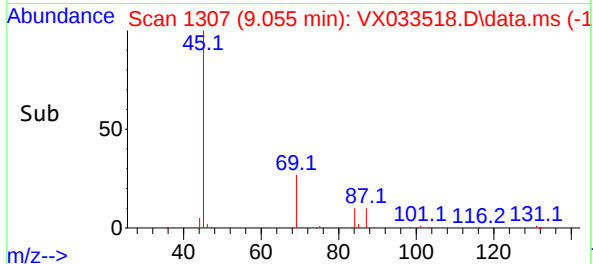
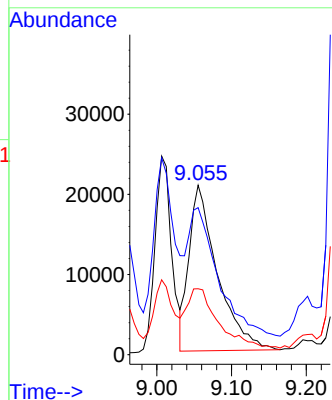
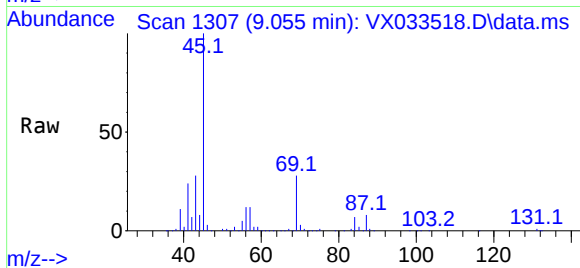
Tgt Ion: 69 Resp: 54455

Ion Ratio Lower Upper

69 100

41 0.0 54.3 81.5#

39 0.0 35.2 52.8#



#57

1,3-Dichloropropane

Concen: 1.493 ug/l

RT: 9.494 min Scan# 1379

Delta R.T. 0.183 min

Lab File: VX033518.D

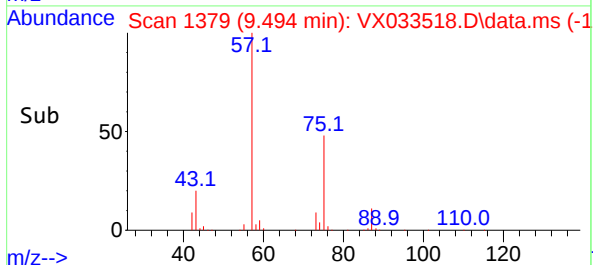
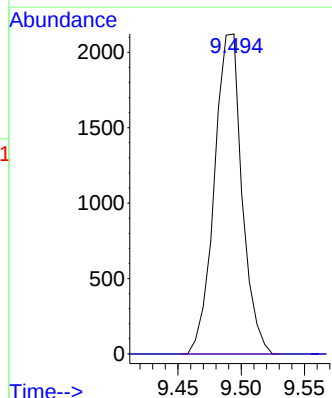
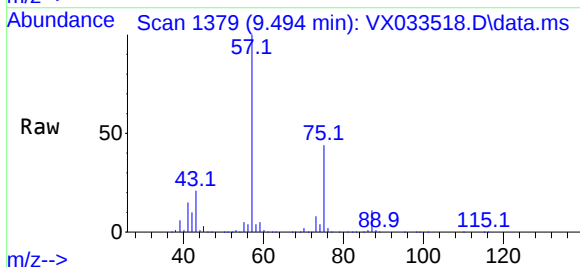
Acq: 20 Dec 2022 19:07

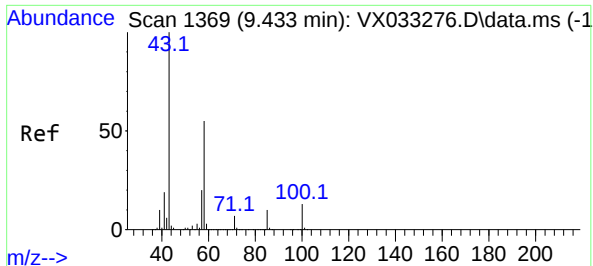
Tgt Ion: 76 Resp: 3225

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 1455.734 ug/l

RT: 9.299 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_X

ClientSampleId :

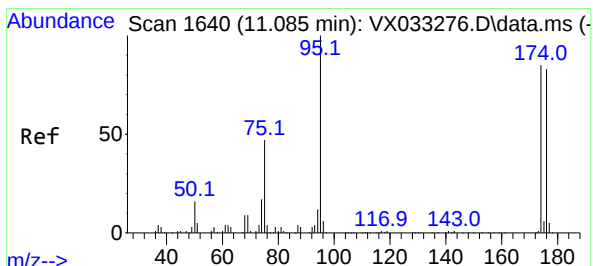
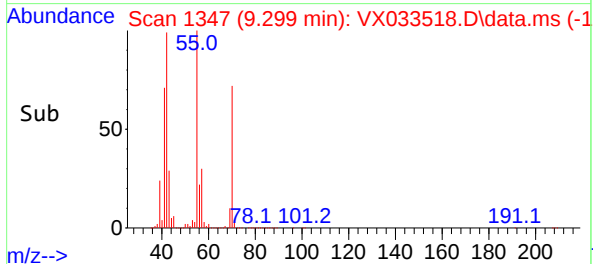
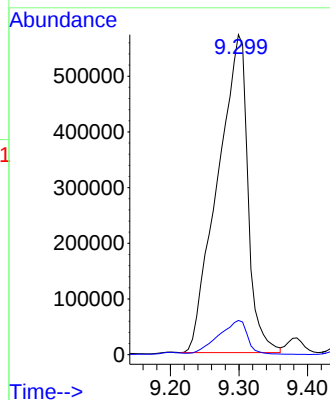
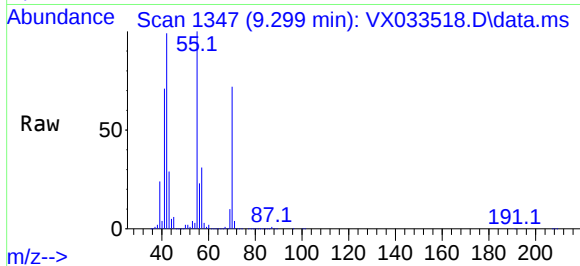
FAIR-1

Tgt Ion: 43 Resp: 1751437

Ion Ratio Lower Upper

43 100

58 10.4 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 58.893 ug/l

RT: 11.091 min Scan# 1641

Delta R.T. 0.006 min

Lab File: VX033518.D

Acq: 20 Dec 2022 19:07

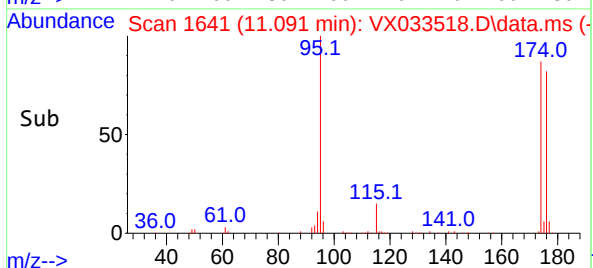
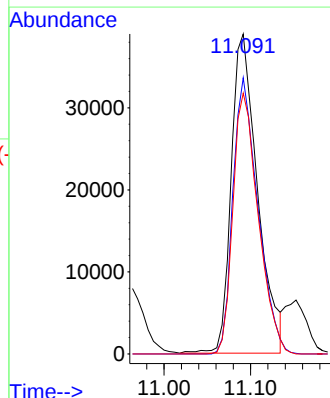
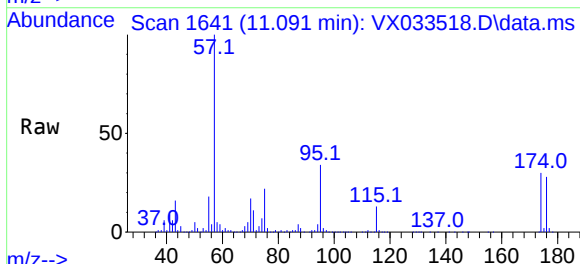
Tgt Ion: 95 Resp: 82012

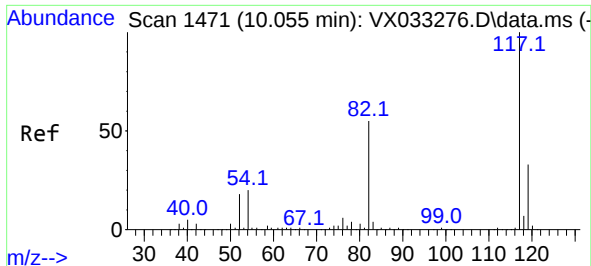
Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.0

176 78.8 0.0 154.4

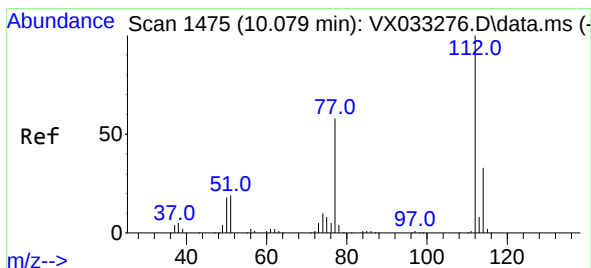
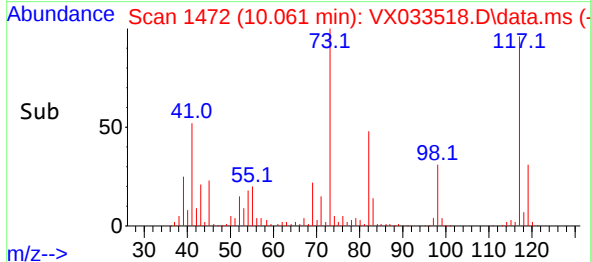
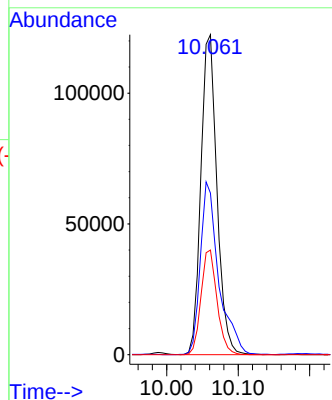
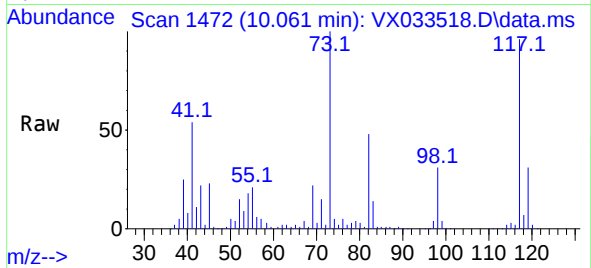




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

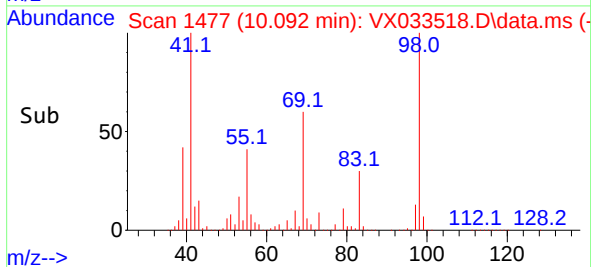
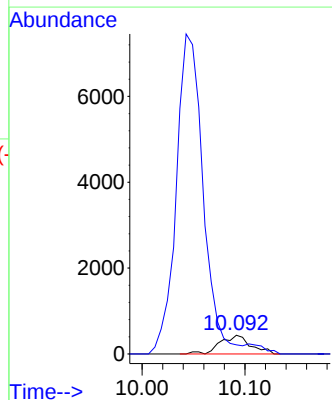
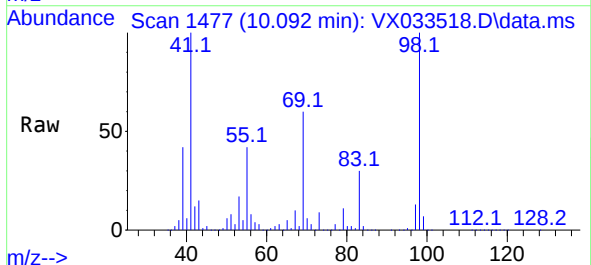
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

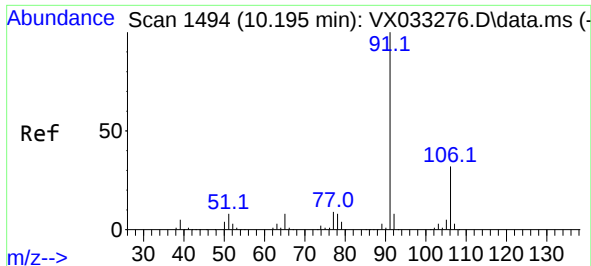
Tgt Ion:117 Resp: 190642
Ion Ratio Lower Upper
117 100
82 50.4 44.3 66.5
119 32.7 25.7 38.5



#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.013 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion:112 Resp: 896
Ion Ratio Lower Upper
112 100
114 48.7 25.4 38.2#

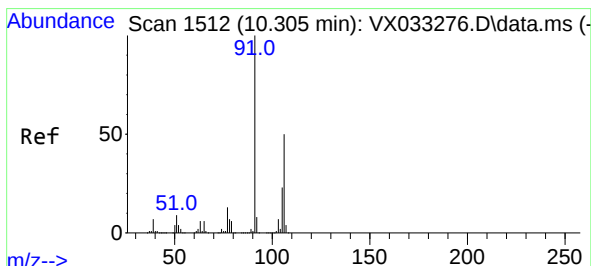
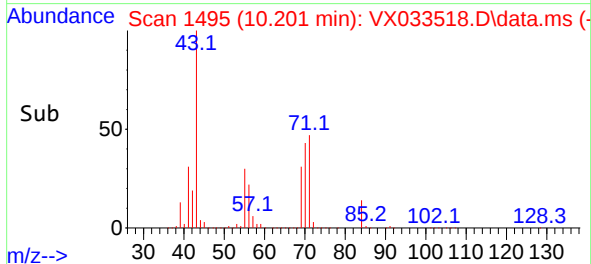
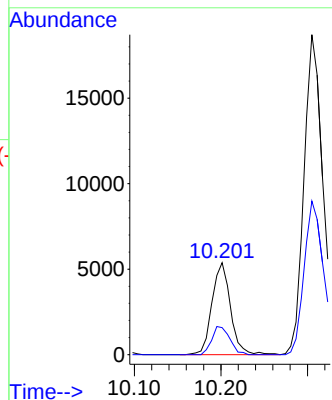
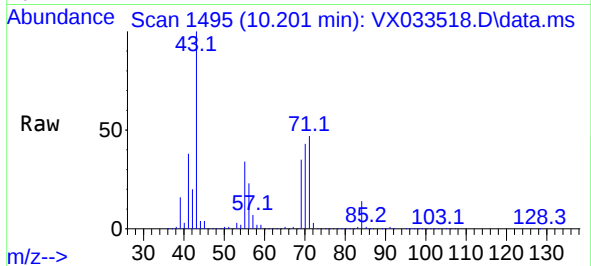




#67
Ethyl Benzene
Concen: 1.190 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

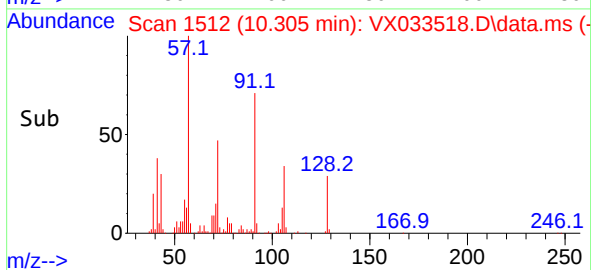
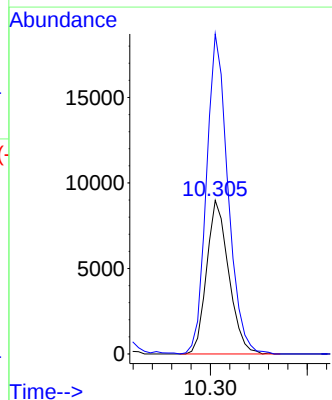
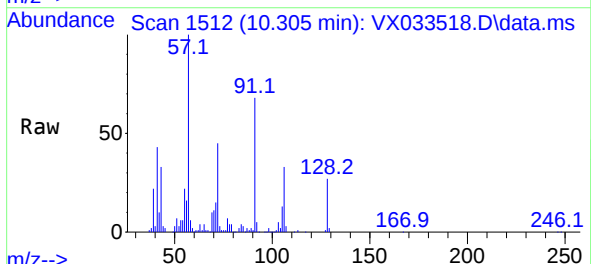
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

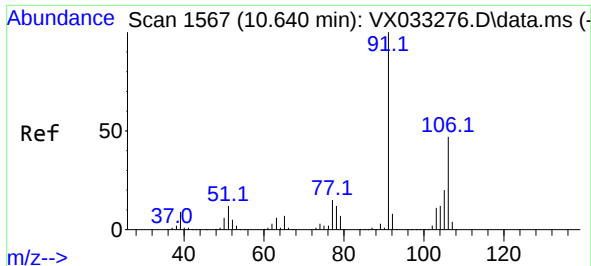
Tgt Ion: 91 Resp: 8002
Ion Ratio Lower Upper
91 100
106 29.4 25.0 37.6



#68
m/p-Xylenes
Concen: 5.442 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 106 Resp: 14241
Ion Ratio Lower Upper
106 100
91 203.0 164.5 246.7

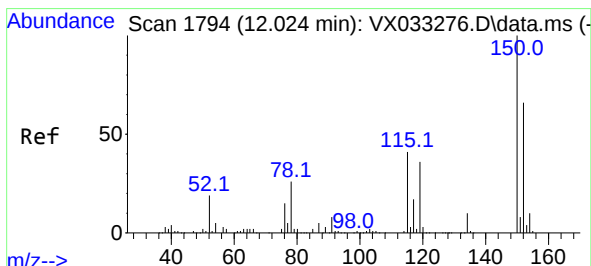
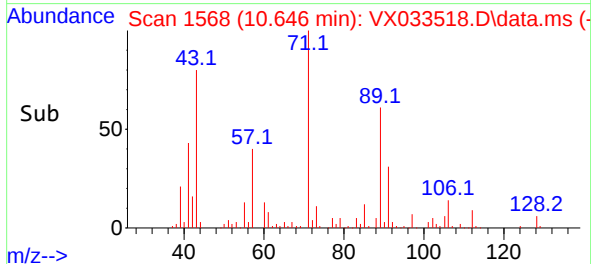
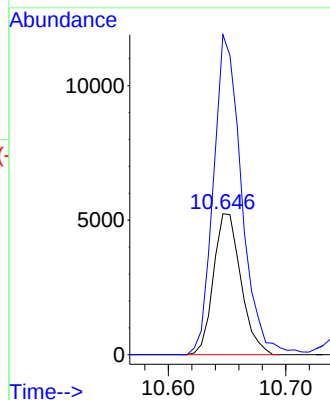
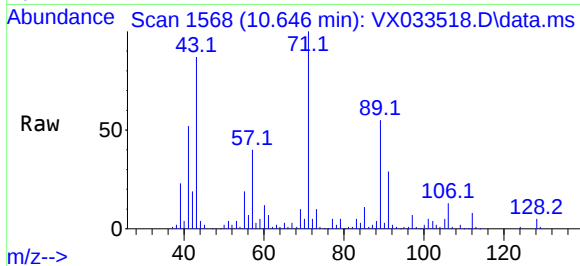




#69
o-Xylene
Concen: 3.279 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

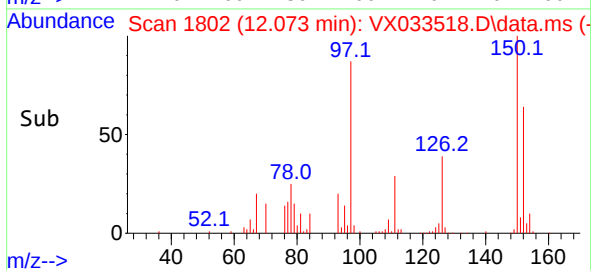
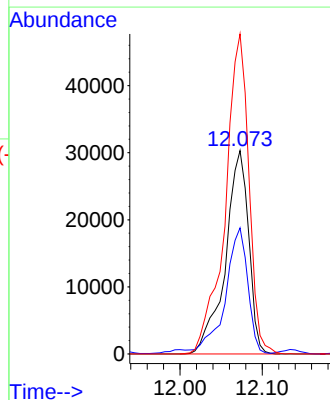
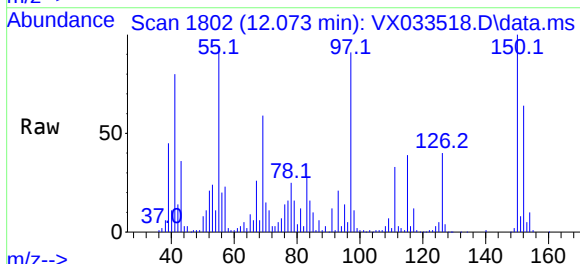
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

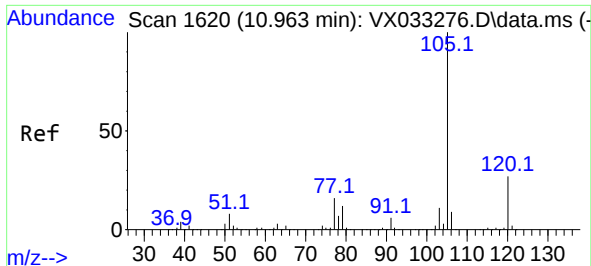
Tgt Ion:106 Resp: 8480
Ion Ratio Lower Upper
106 100
91 233.3 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.073 min Scan# 1802
Delta R.T. 0.049 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion:152 Resp: 59634
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 159.7 0.0 351.8

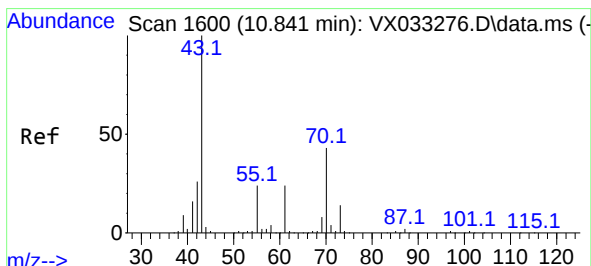
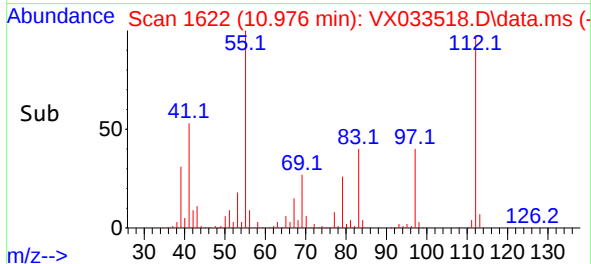
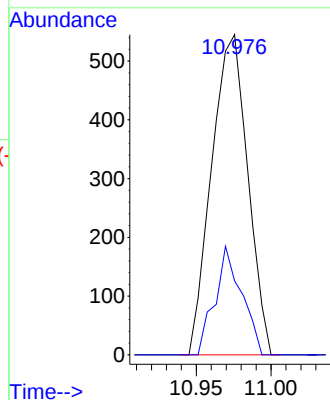
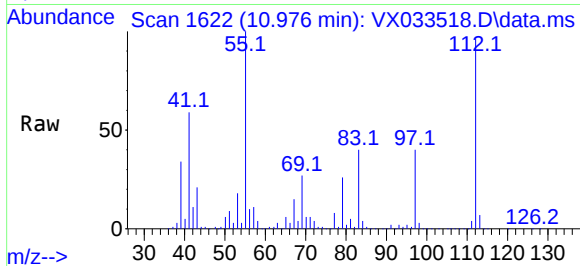




#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 10.976 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

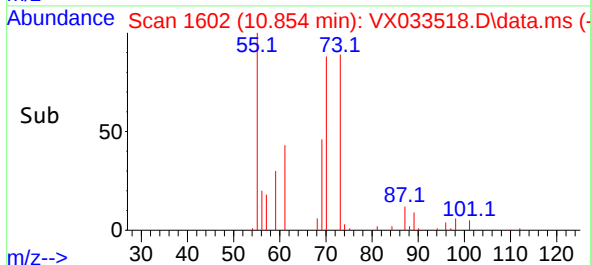
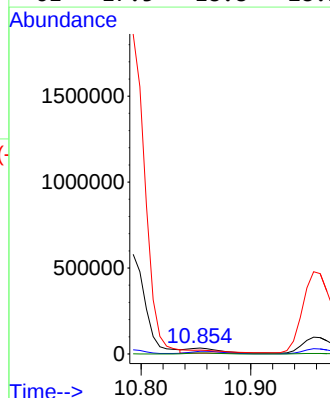
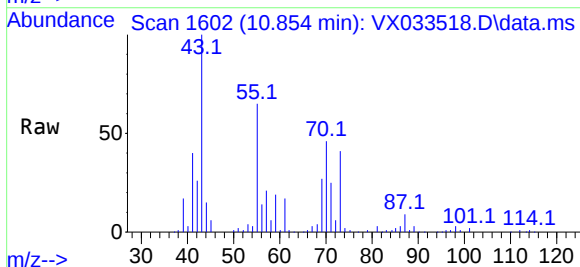
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

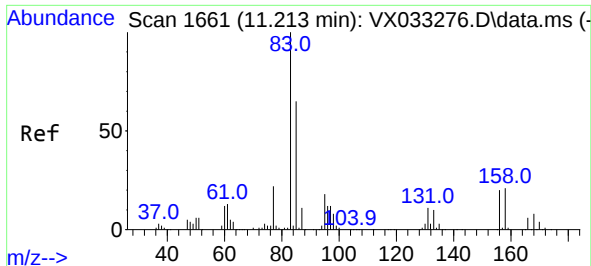
Tgt Ion:105 Resp: 915
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.3



#74
N-ethyl acetate
Concen: 41.306 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 43 Resp: 60914
Ion Ratio Lower Upper
43 100
70 51.9 33.6 50.4#
55 0.0 19.4 29.2#
61 17.5 18.8 28.2#

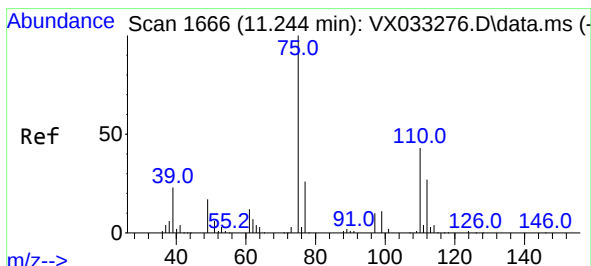
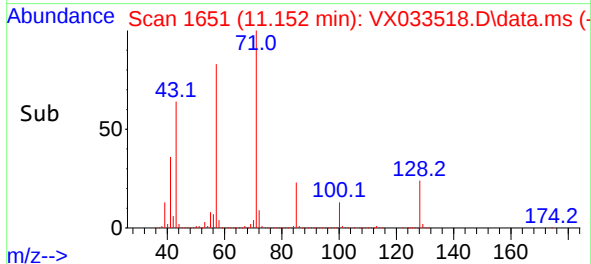
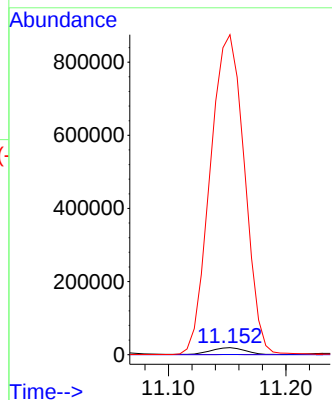
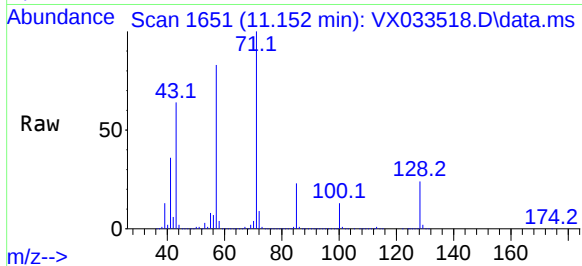




#75
1,1,2,2-Tetrachloroethane
Concen: 27.140 ug/l
RT: 11.152 min Scan# 1651
Delta R.T. -0.061 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

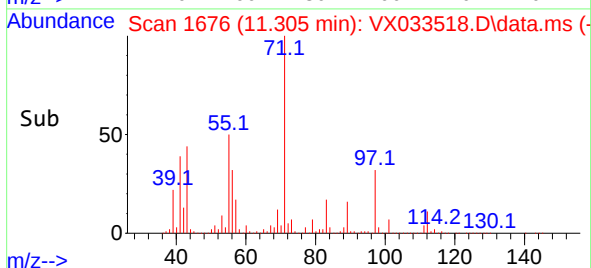
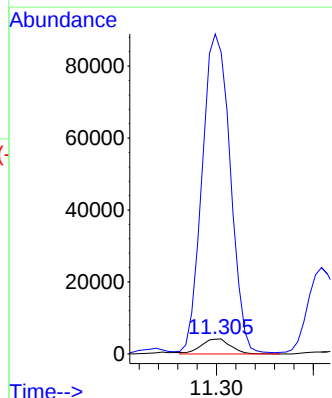
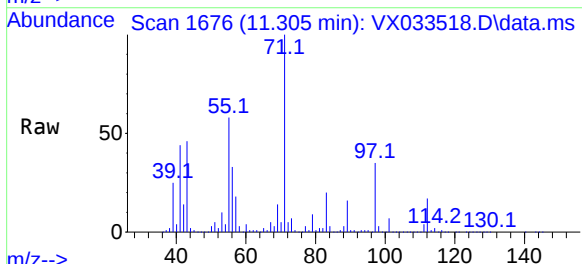
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

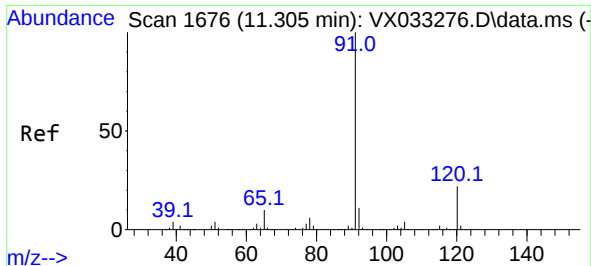
Tgt Ion: 83 Resp: 37215
Ion Ratio Lower Upper
83 100
131 1.6 5.4 16.2#
85 4765.9 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 7.290 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 75 Resp: 8845
Ion Ratio Lower Upper
75 100
77 2018.4 20.0 60.0#

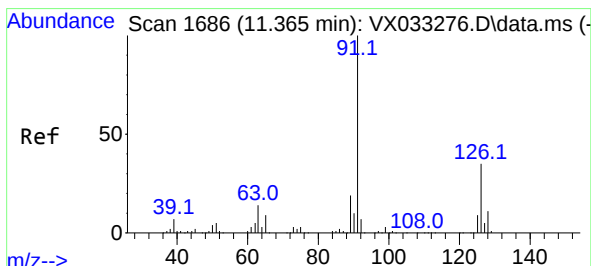
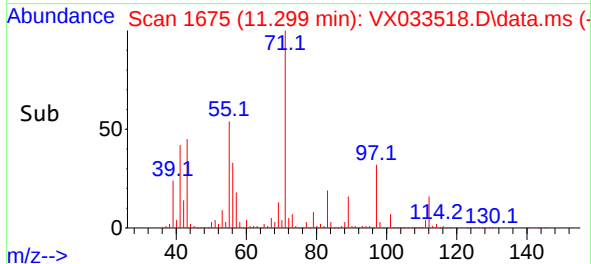
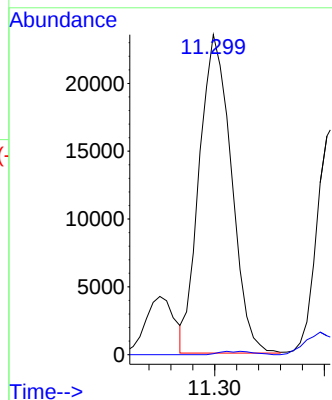
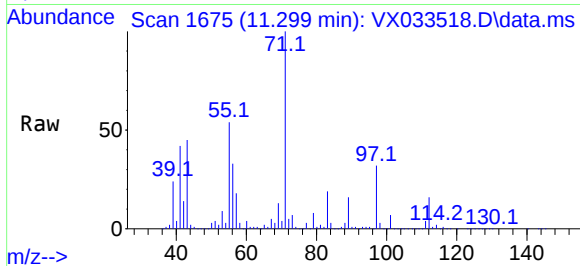




#78
n-propylbenzene
Concen: 9.848 ug/l
RT: 11.299 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

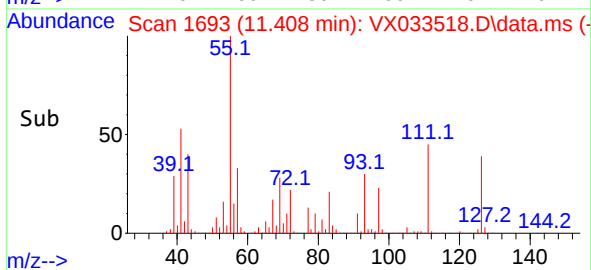
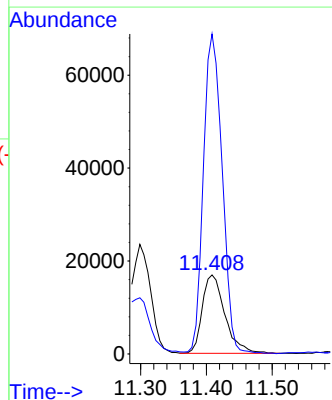
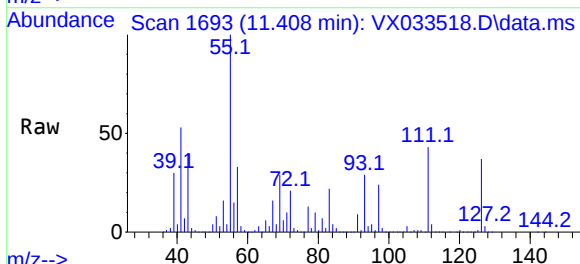
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

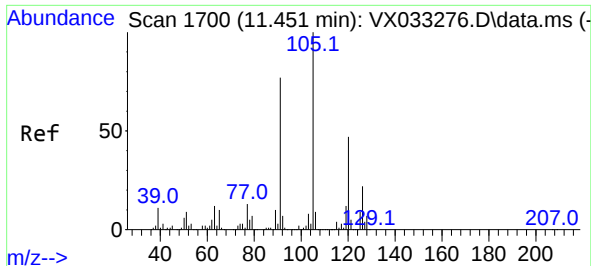
Tgt Ion: 91 Resp: 47529
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#79
2-Chlorotoluene
Concen: 13.599 ug/l
RT: 11.408 min Scan# 1693
Delta R.T. 0.043 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 91 Resp: 40560
Ion Ratio Lower Upper
91 100
126 337.8 17.1 51.2#

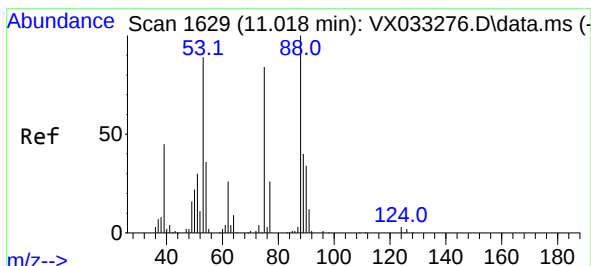
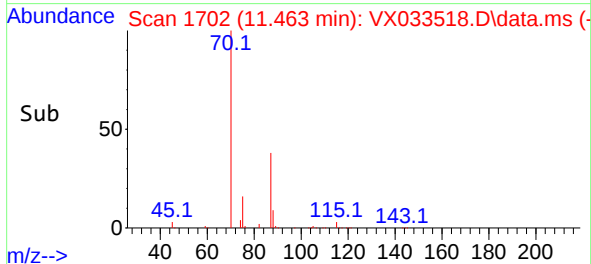
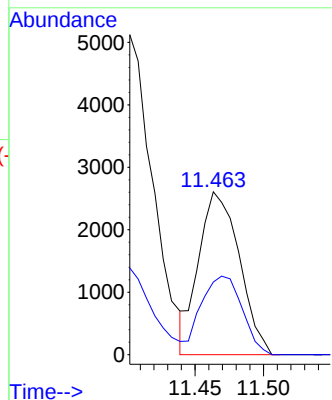
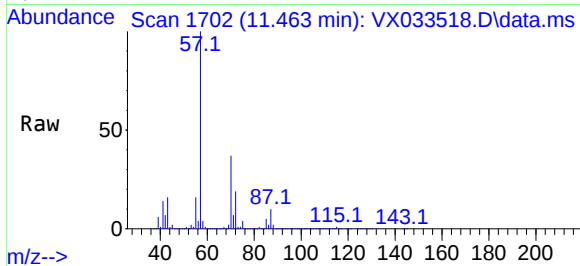




#80
1,3,5-Trimethylbenzene
Concen: 1.498 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

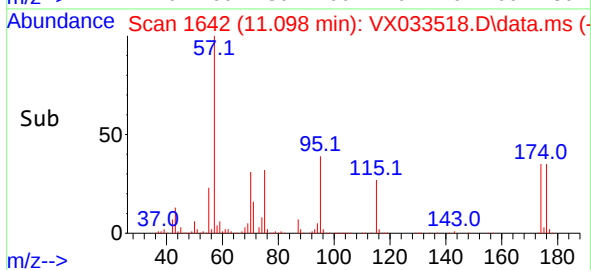
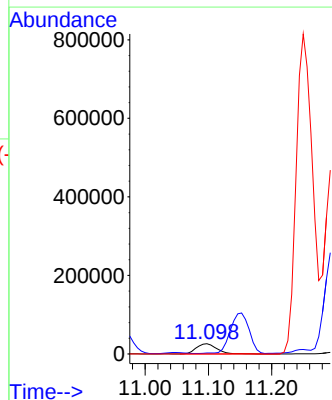
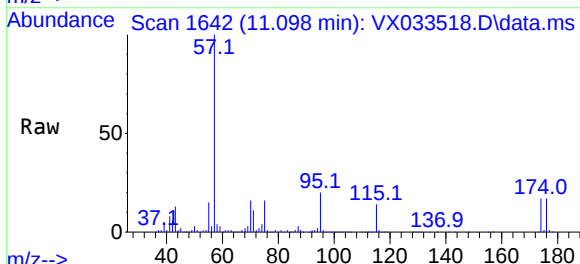
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

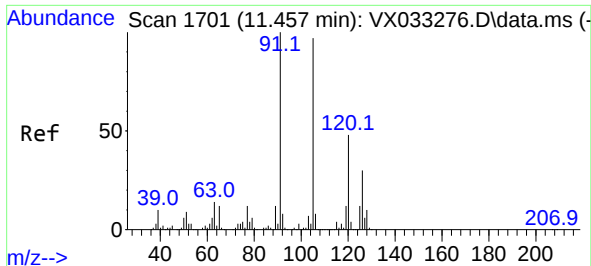
Tgt Ion:105 Resp: 5388
Ion Ratio Lower Upper
105 100
120 48.9 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 151.737 ug/l
RT: 11.098 min Scan# 1642
Delta R.T. 0.080 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 75 Resp: 59182
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

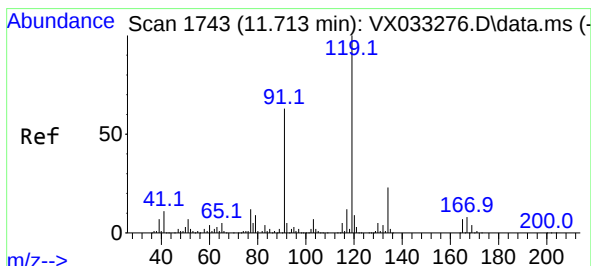
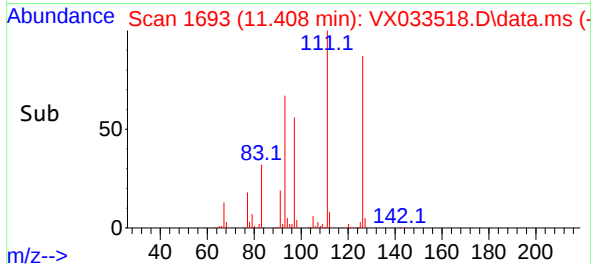
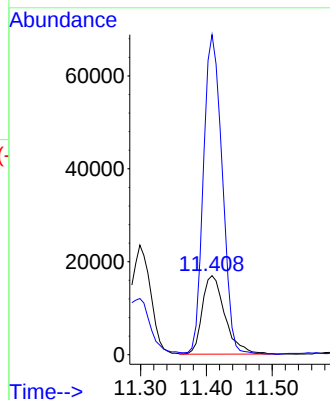
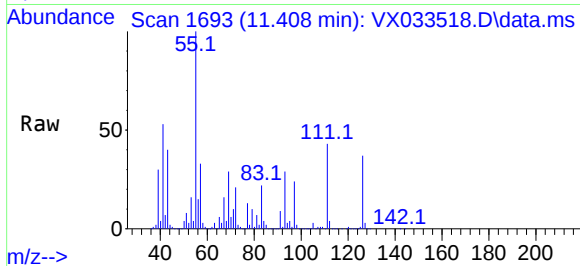




#82
4-Chlorotoluene
Concen: 11.705 ug/l
RT: 11.408 min Scan# 1
Delta R.T. -0.048 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

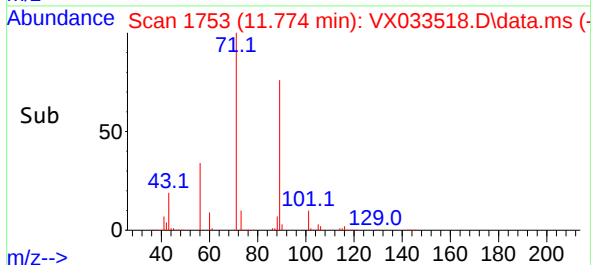
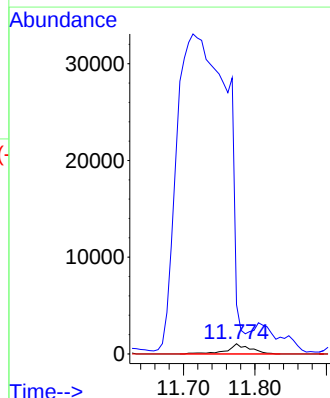
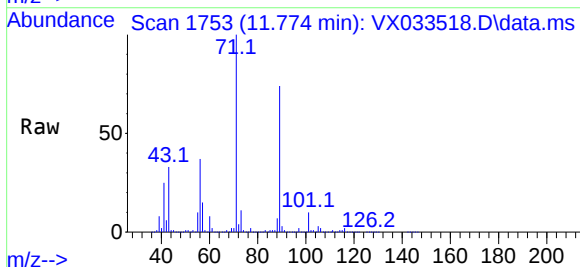
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

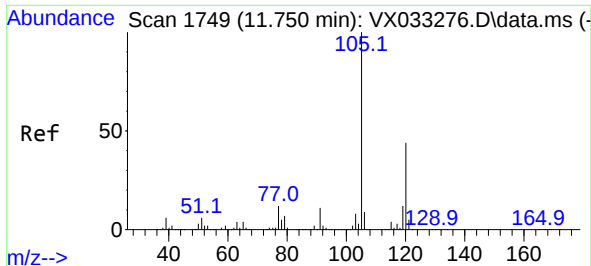
Tgt Ion: 91 Resp: 40596
Ion Ratio Lower Upper
91 100
126 337.5 14.8 44.4#



#83
tert-Butylbenzene
Concen: 0.650 ug/l
RT: 11.774 min Scan# 1753
Delta R.T. 0.061 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 119 Resp: 2331
Ion Ratio Lower Upper
119 100
91 0.0 29.4 88.2#
134 0.0 11.0 33.0#

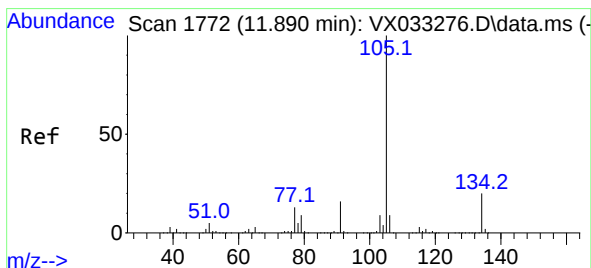
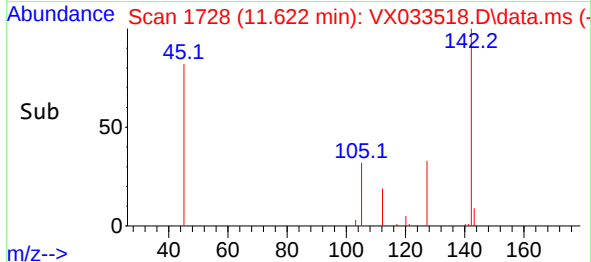
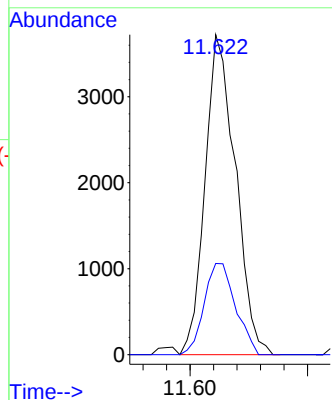
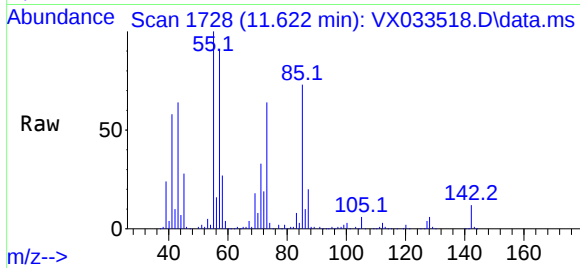




#84
1,2,4-Trimethylbenzene
Concen: 1.860 ug/l
RT: 11.622 min Scan# 11
Delta R.T. -0.128 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

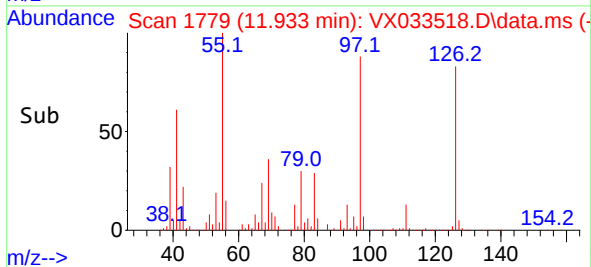
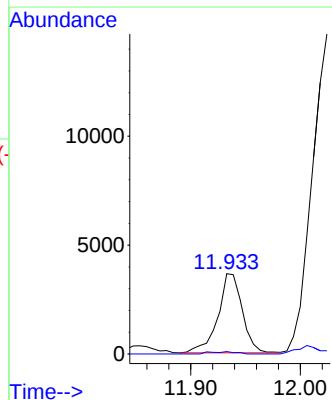
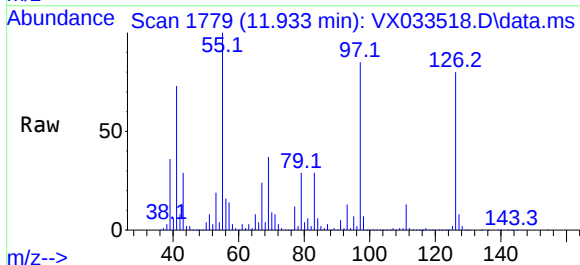
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

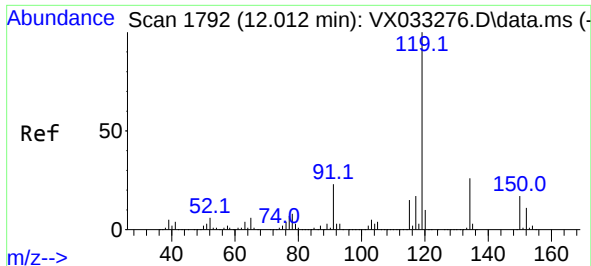
Tgt Ion:105 Resp: 6681
Ion Ratio Lower Upper
105 100
120 29.4 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.339 ug/l
RT: 11.933 min Scan# 1779
Delta R.T. 0.043 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion:105 Resp: 5606
Ion Ratio Lower Upper
105 100
134 3.1 9.9 29.7#

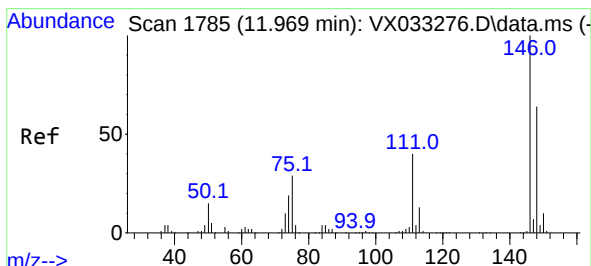
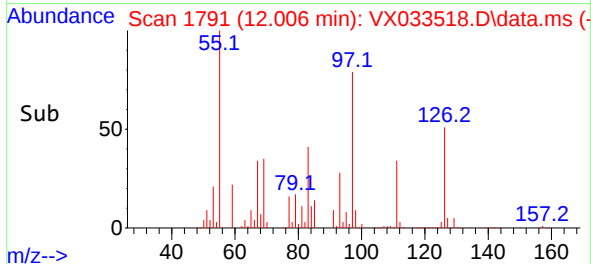
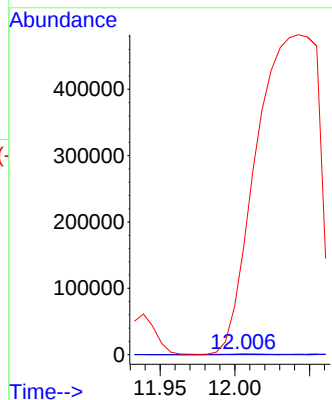
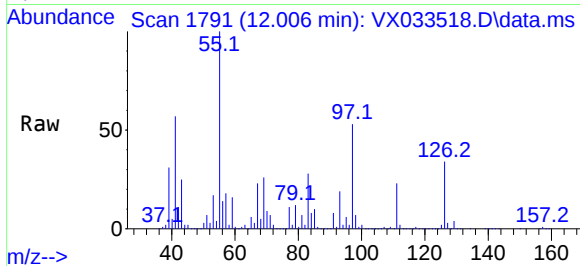




#86
p-Isopropyltoluene
Concen: 0.575 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

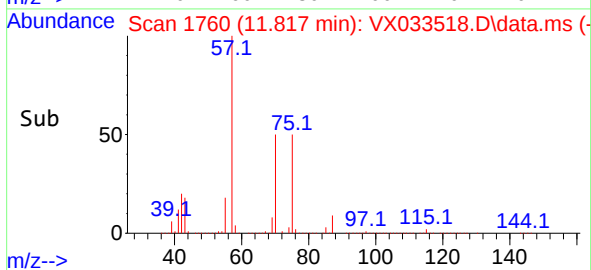
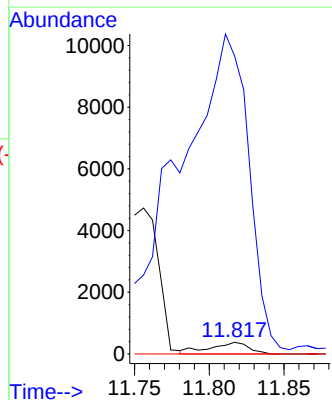
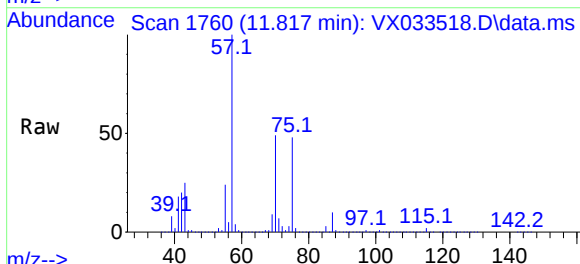
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

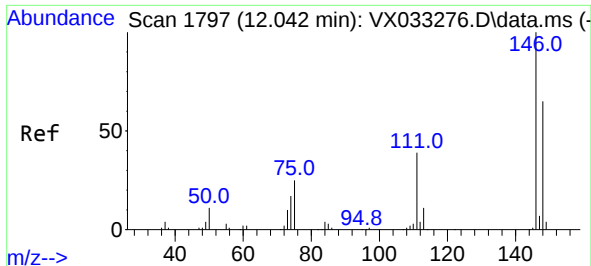
Tgt Ion:119 Resp: 2075
Ion Ratio Lower Upper
119 100
134 29.7 12.9 38.7
91 0.0 12.5 37.5#



#87
1,3-Dichlorobenzene
Concen: 0.348 ug/l
RT: 11.817 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion:146 Resp: 689
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.7 95.1#

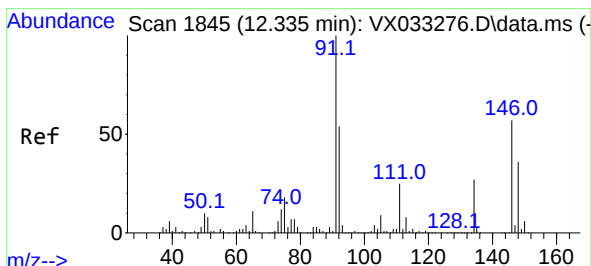
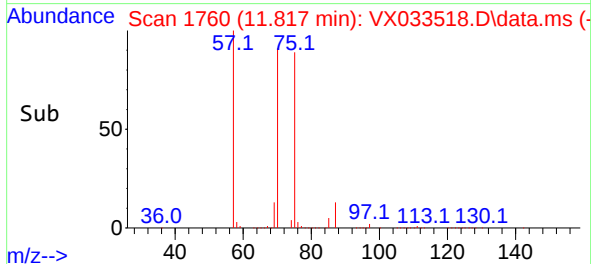
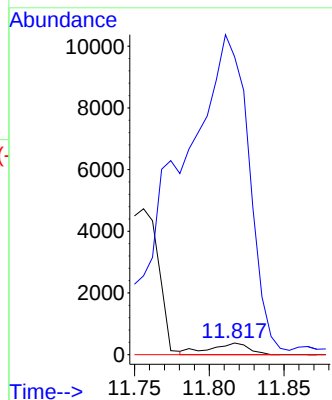
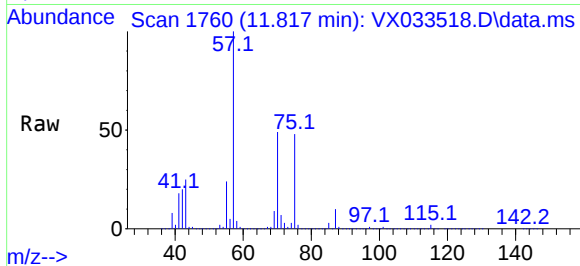




#88
1,4-Dichlorobenzene
Concen: 0.341 ug/l
RT: 11.817 min Scan# 11
Delta R.T. -0.225 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

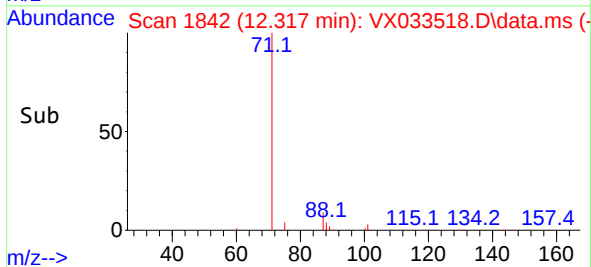
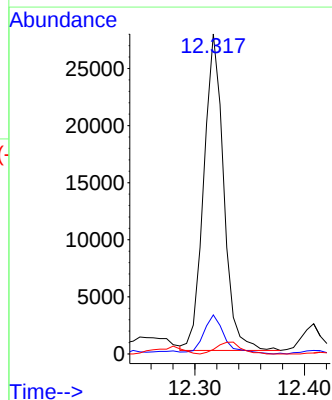
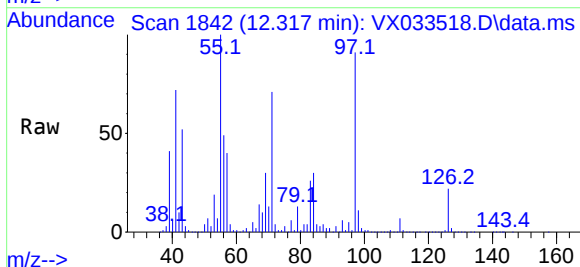
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

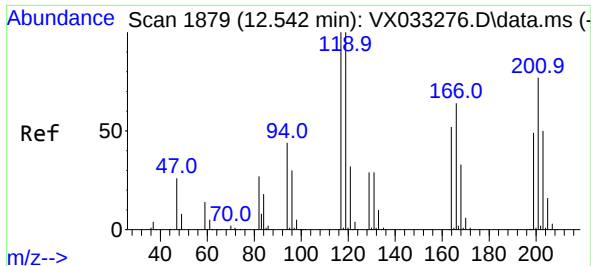
Tgt Ion:146 Resp: 689
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.6#
148 0.0 32.2 96.6#



#89
n-Butylbenzene
Concen: 11.867 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 91 Resp: 35079
Ion Ratio Lower Upper
91 100
92 13.1 26.2 78.6#
134 4.6 12.9 38.6#

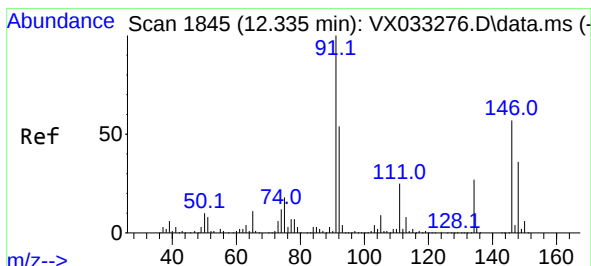
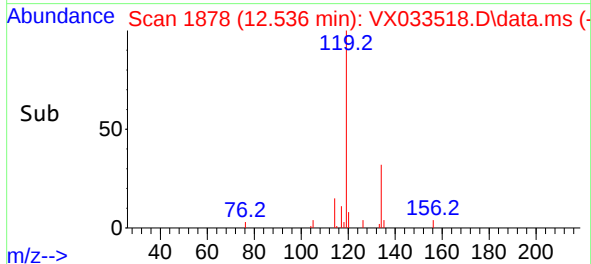
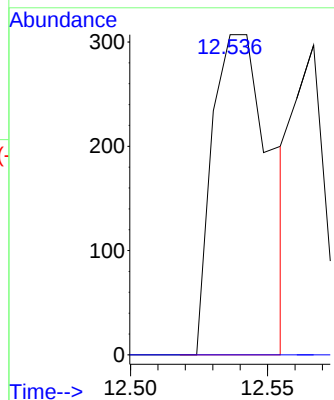
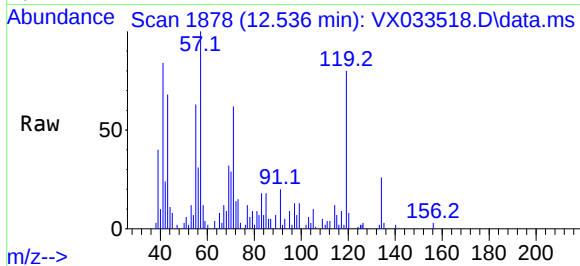




#90
Hexachloroethane
Concen: 0.740 ug/l
RT: 12.536 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

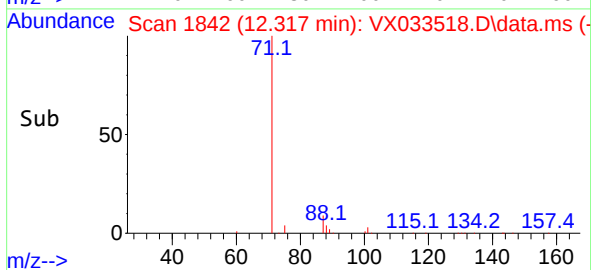
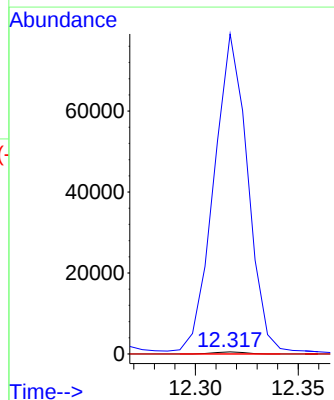
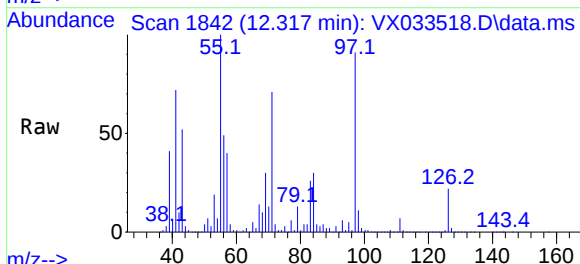
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

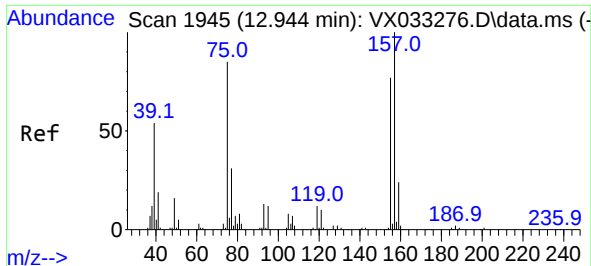
Tgt Ion:117 Resp: 454
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#91
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion:146 Resp: 509
Ion Ratio Lower Upper
146 100
111 17736.9 21.5 64.5#
148 0.0 32.0 96.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.648 ug/l
 RT: 12.908 min Scan# 1939
 Delta R.T. -0.036 min
 Lab File: VX033518.D
 Acq: 20 Dec 2022 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIR-1

Tgt Ion: 75 Resp: 488
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.6 124.8#
 157 0.0 54.1 162.4#

