

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033509.D
 Acq On : 20 Dec 2022 15:40
 Operator : JC/MD
 Sample : N6149-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIR-1

Quant Time: Dec 21 04:15:16 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)

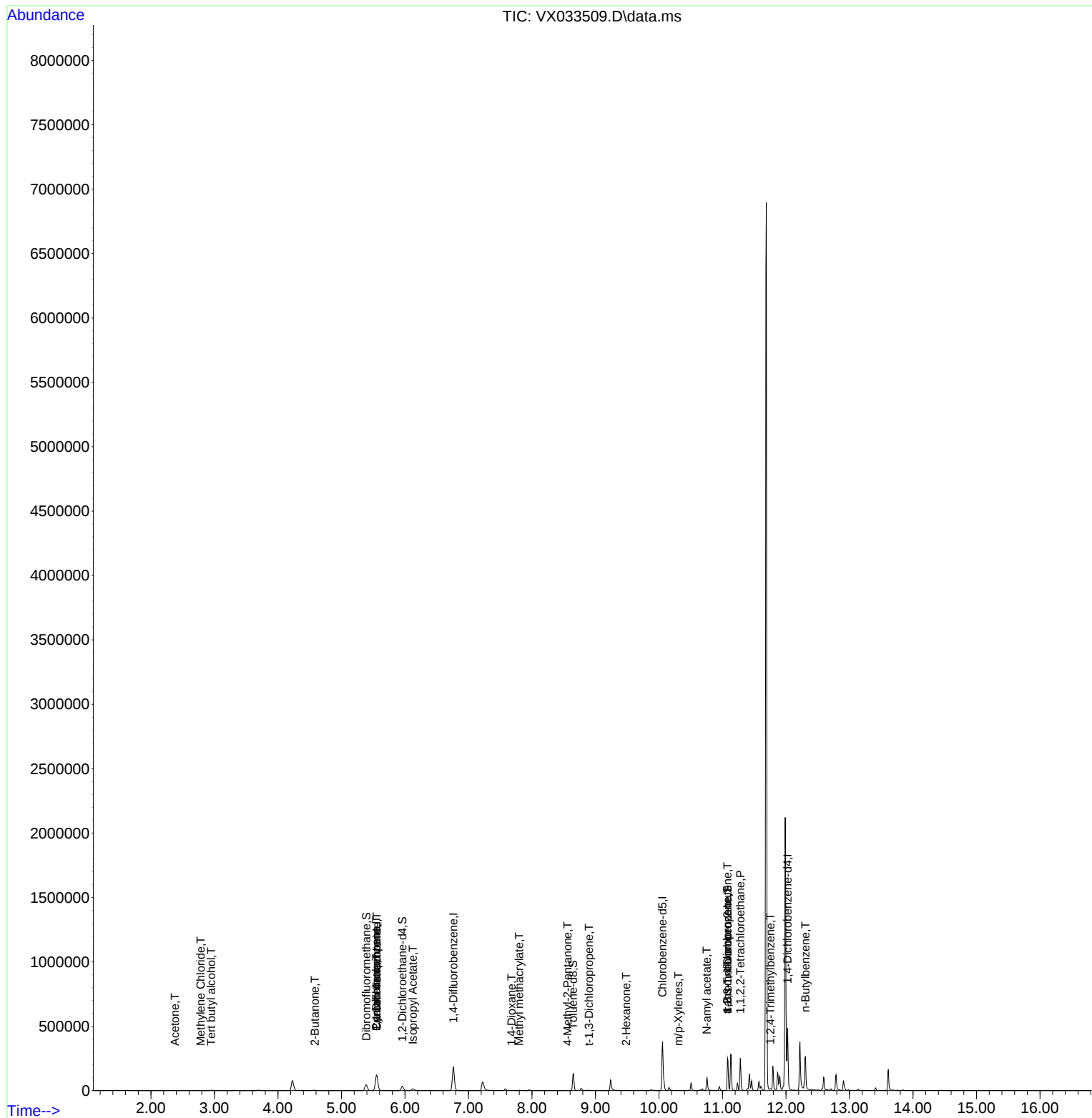
Internal Standards						
1) Pentafluorobenzene	5.550	168	118519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	34823	45.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.391	113	39422	46.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	82825	46.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.180%
62) 4-Bromofluorobenzene	11.079	95	66954	49.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2525	10.862	ug/l #	72
16) Acetone	2.380	43	2181	3.876	ug/l #	65
20) Methylene Chloride	2.782	84	745	0.594	ug/l #	58
25) 2-Butanone	4.581	43	2491	3.084	ug/l	97
31) Cyclohexane	5.550	56	2254	1.247	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	8916	5.382	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12011	6.471	ug/l #	16
43) Isopropyl Acetate	6.123	43	15192	6.029	ug/l #	61
48) Methyl methacrylate	7.799	41	619	0.476	ug/l #	49
49) 1,4-Dioxane	7.678	88	63	2.124	ug/l #	26
51) 4-Methyl-2-Pentanone	8.562	43	501	0.314	ug/l #	36
53) t-1,3-Dichloropropene	8.897	75	628	2.808	ug/l #	43
59) 2-Hexanone	9.482	43	497	0.423	ug/l #	25
68) m/p-Xylenes	10.305	106	474	0.201	ug/l	94
74) N-amyl acetate	10.750	43	11993	5.304	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.281	83	9587	4.560	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	34346	18.464	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34346	57.435	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1186	0.215	ug/l #	65
89) n-Butylbenzene	12.305	91	1589	0.351	ug/l #	41

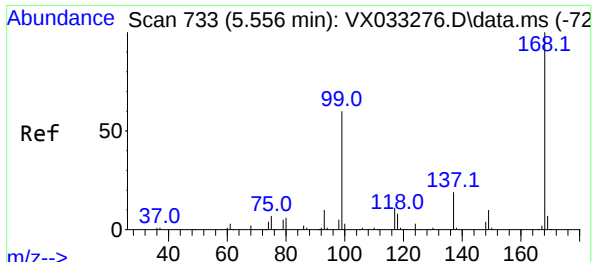
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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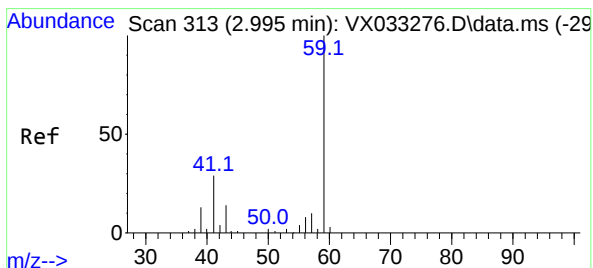
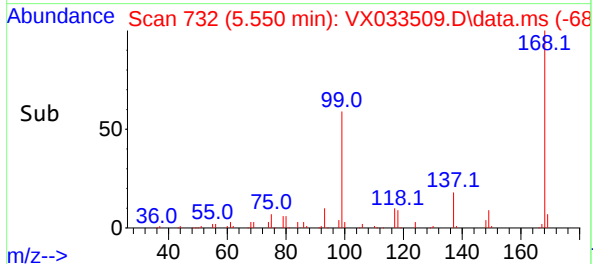
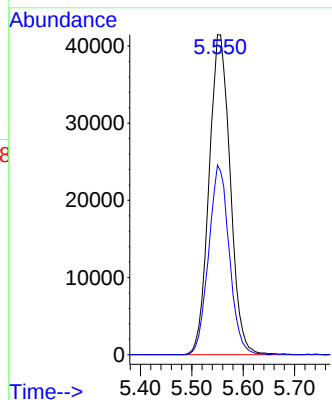
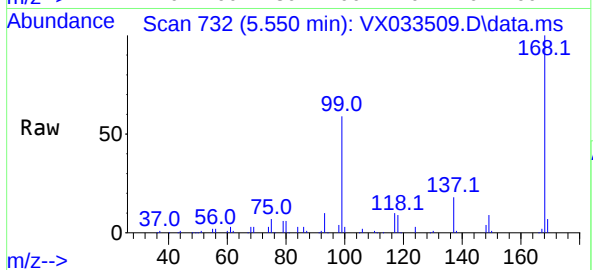




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

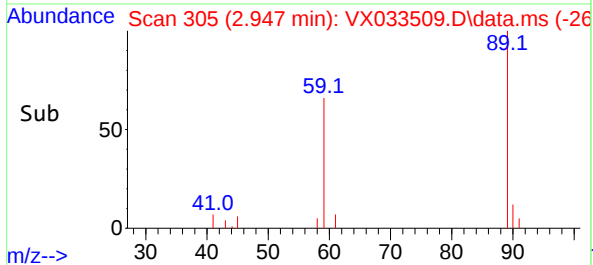
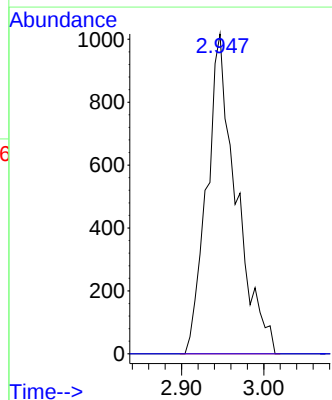
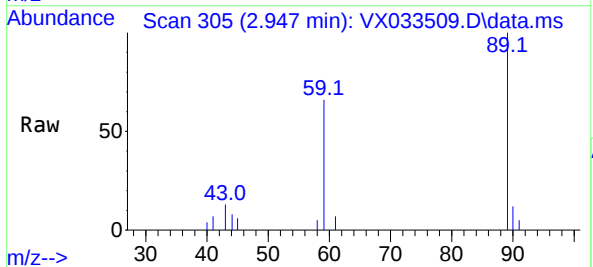
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

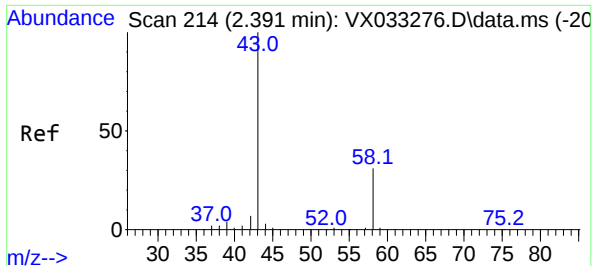
Tgt Ion:168 Resp: 118519
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.862 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 59 Resp: 2525
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

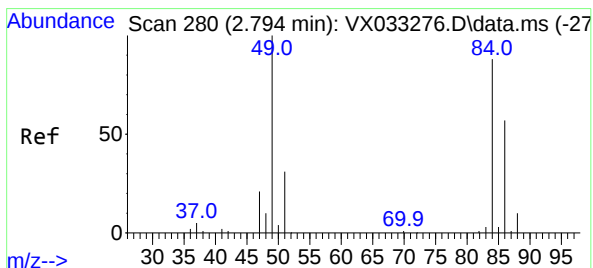
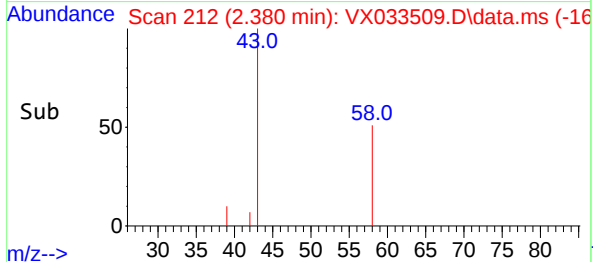
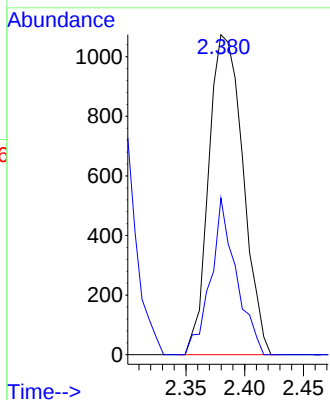
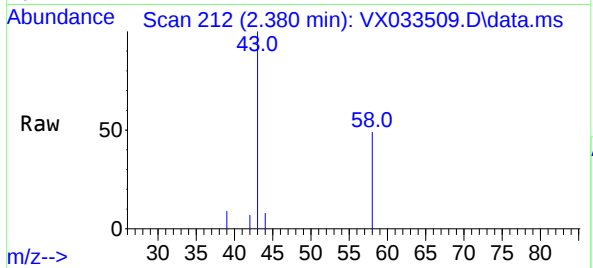




#16
Acetone
Concen: 3.876 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

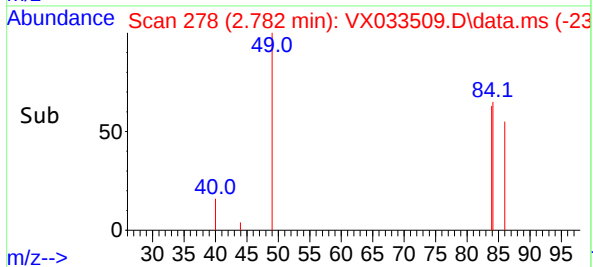
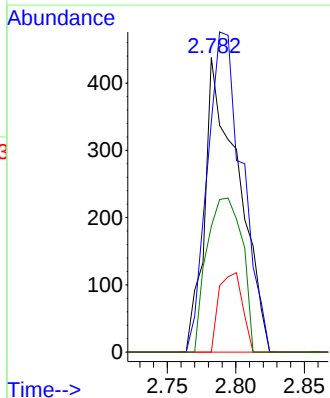
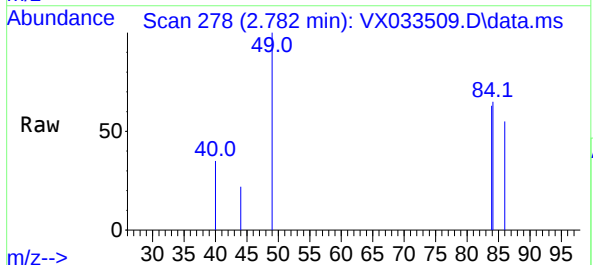
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

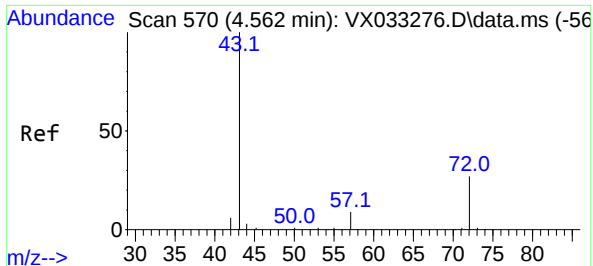
Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 49.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.594 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 84 Resp: 745
Ion Ratio Lower Upper
84 100
49 78.1 101.0 151.6#
51 0.0 31.1 46.7#
86 42.7 52.3 78.5#

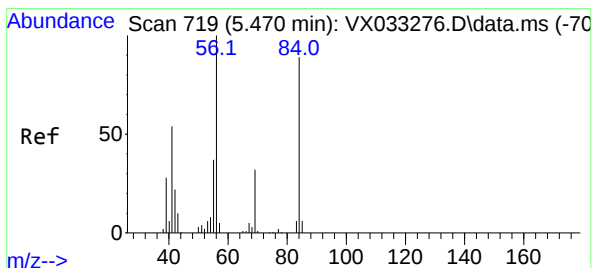
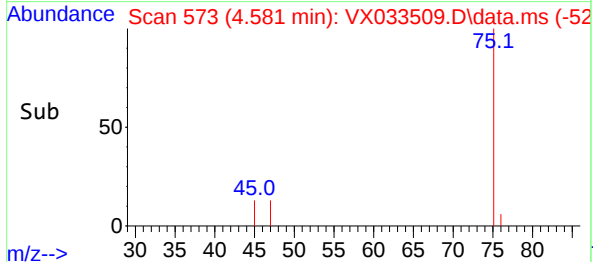
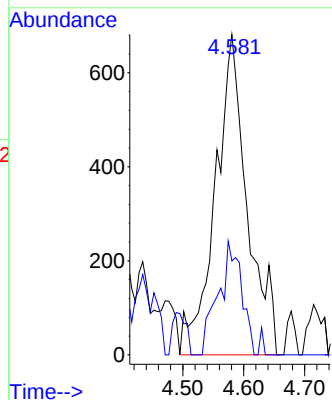
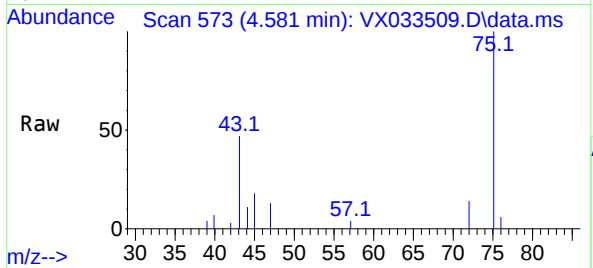




#25
2-Butanone
Concen: 3.084 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

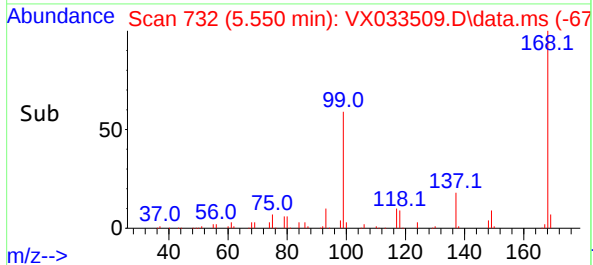
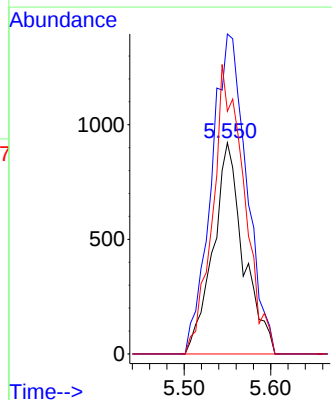
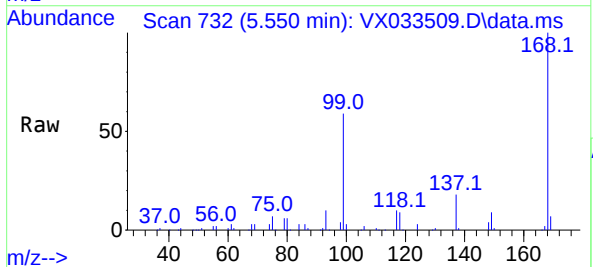
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

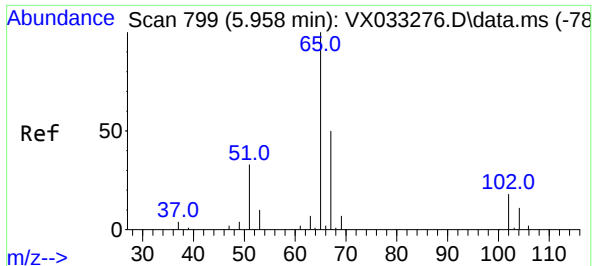
Tgt Ion: 43 Resp: 2491
Ion Ratio Lower Upper
43 100
72 29.4 22.2 33.2



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 151.6 24.1 36.1#
84 115.0 66.9 100.3#

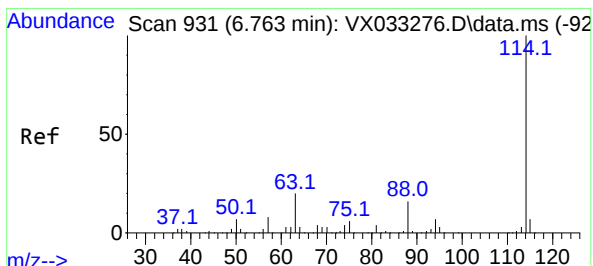
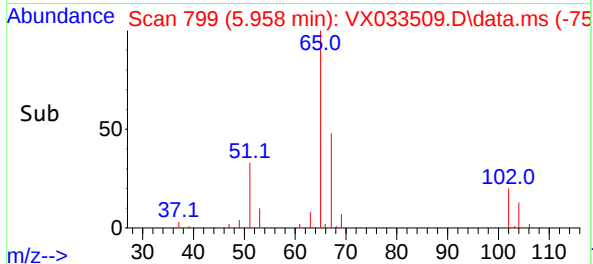
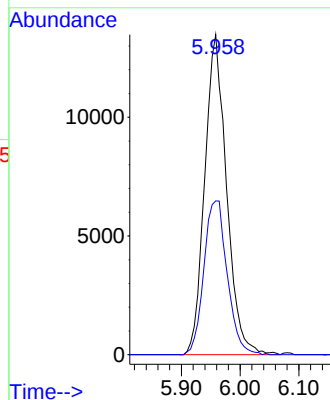
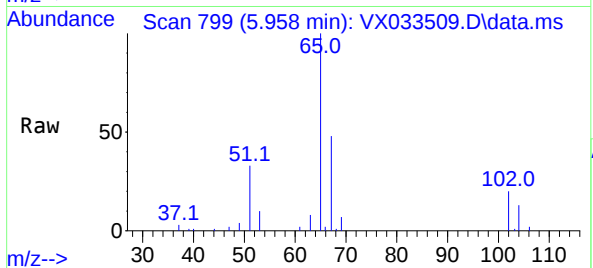




#33
1,2-Dichloroethane-d4
Concen: 45.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

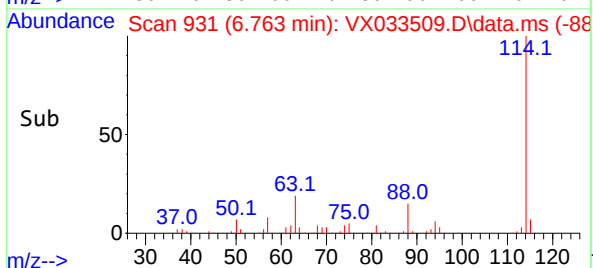
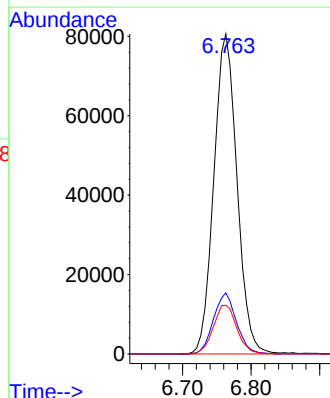
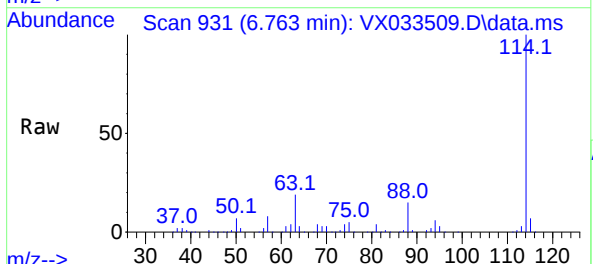
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

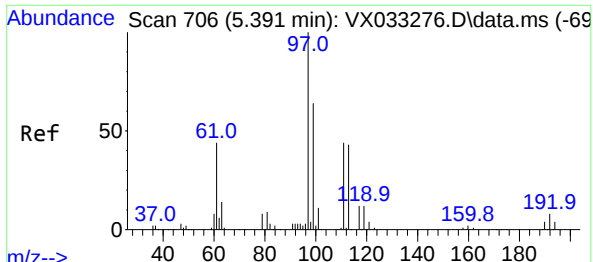
Tgt Ion: 65 Resp: 34823
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 114 Resp: 188929
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.2 0.0 33.4



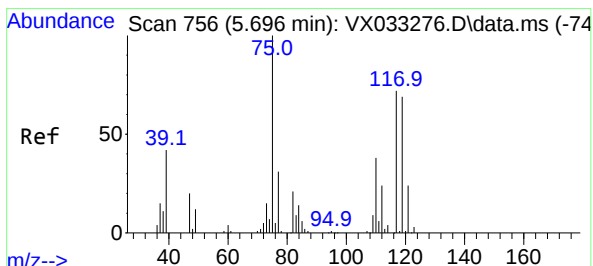
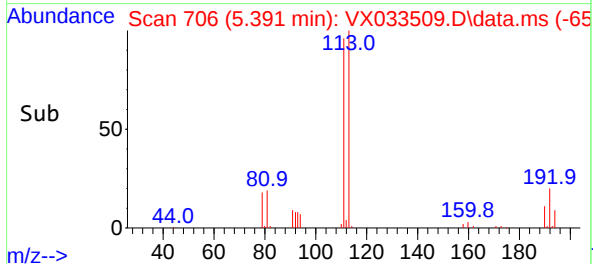
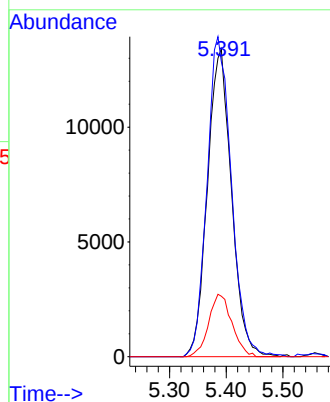
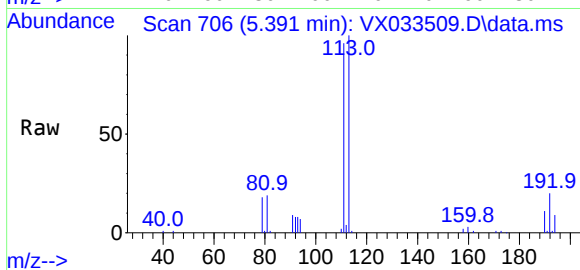


#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

Tgt Ion:113 Resp: 39422

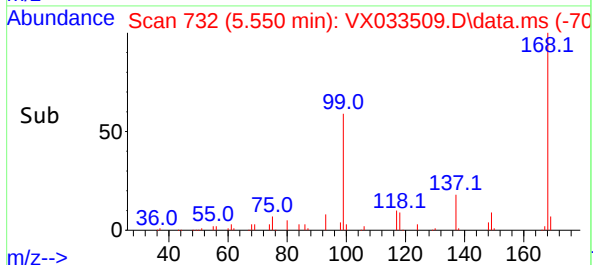
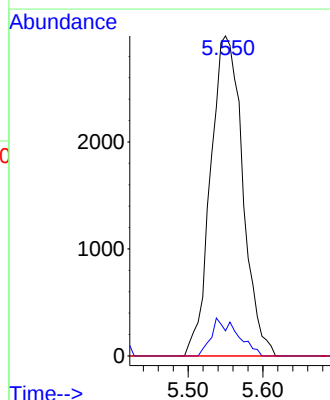
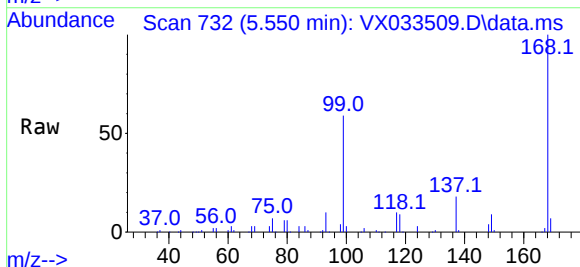
Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.4	123.6
192	19.6	15.4	23.2

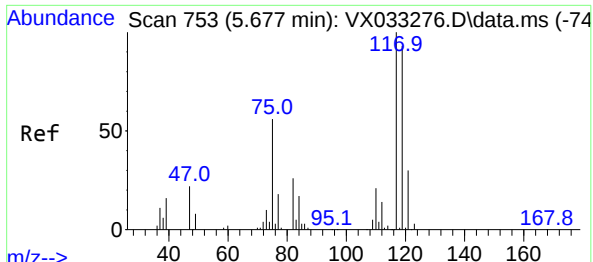


#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 75 Resp: 8916

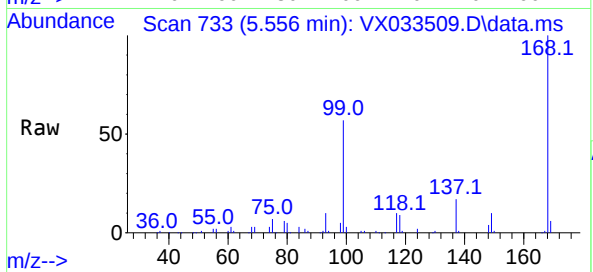
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.2#
77	0.0	24.5	36.7#



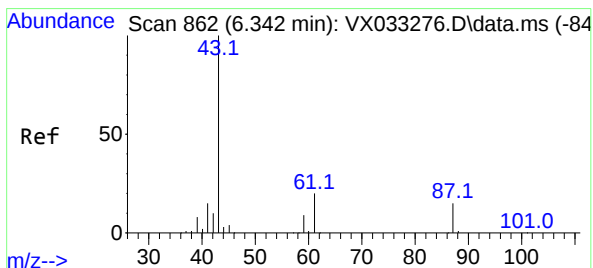
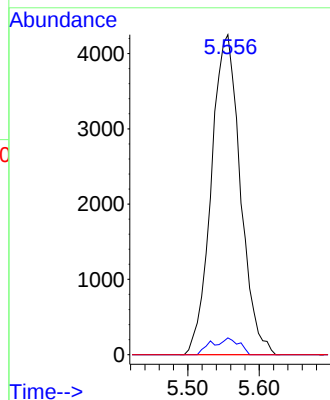
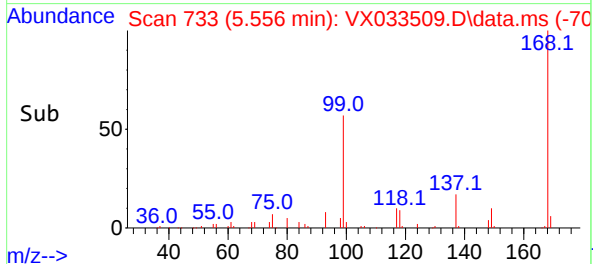


#38
Carbon Tetrachloride
Concen: 6.471 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Instrument :
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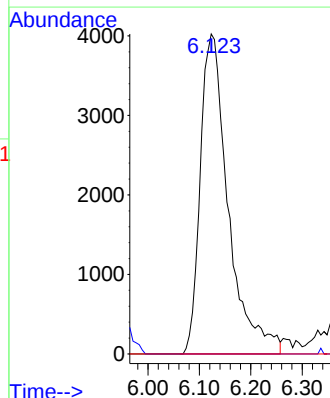
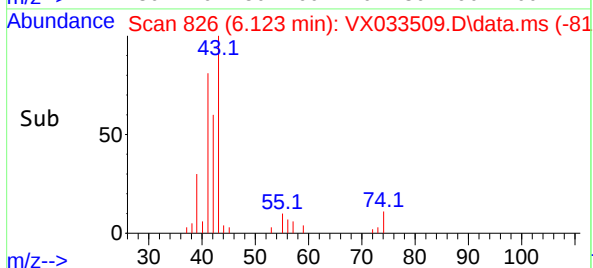
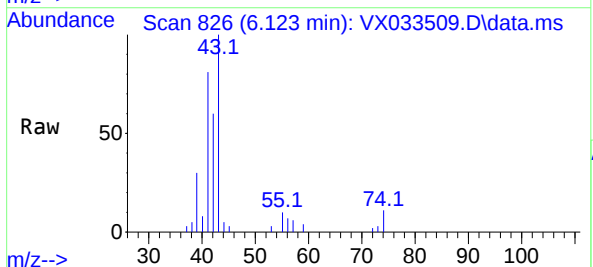


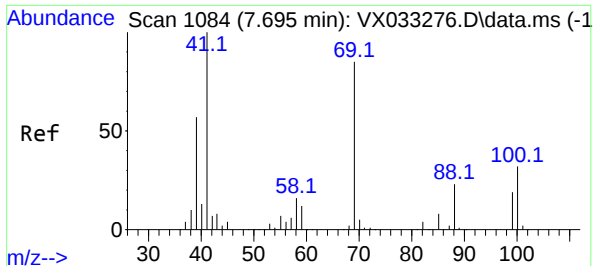
Tgt Ion:117 Resp: 12011
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 6.029 ug/l
RT: 6.123 min Scan# 826
Delta R.T. -0.219 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 43 Resp: 15192
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#





#48

Methyl methacrylate

Concen: 0.476 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX033509.D

Acq: 20 Dec 2022 15:40

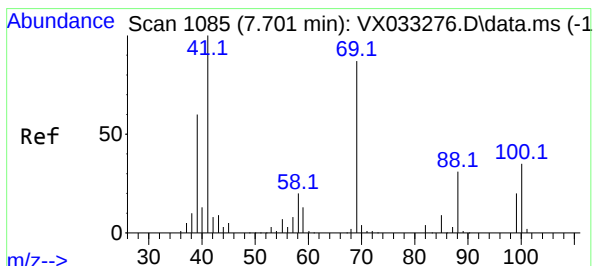
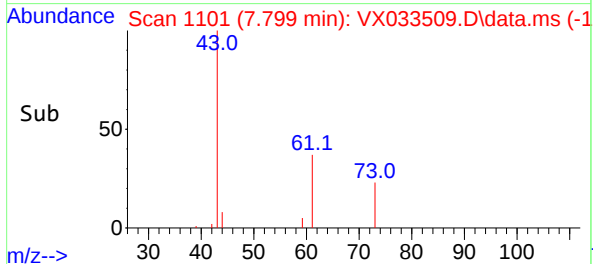
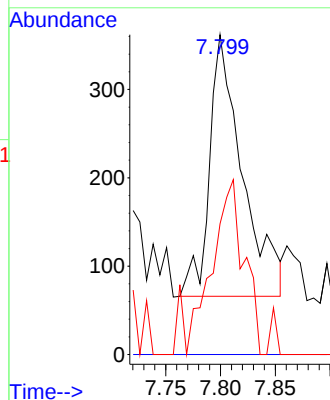
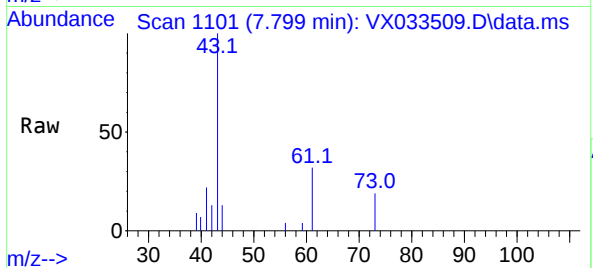
Instrument :

MSVOA_X

ClientSampleId :

FAIR-1

Tgt Ion:	41	Resp:	619
Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.1	97.7#
39	65.1	51.9	77.9



#49

1,4-Dioxane

Concen: 2.124 ug/l

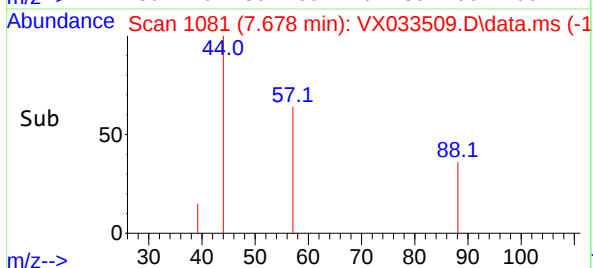
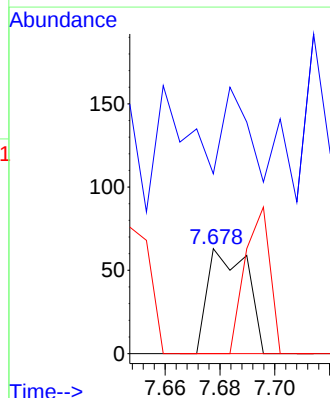
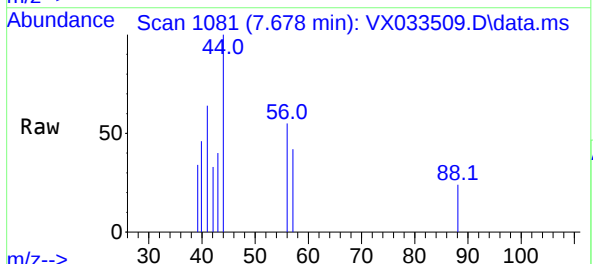
RT: 7.678 min Scan# 1081

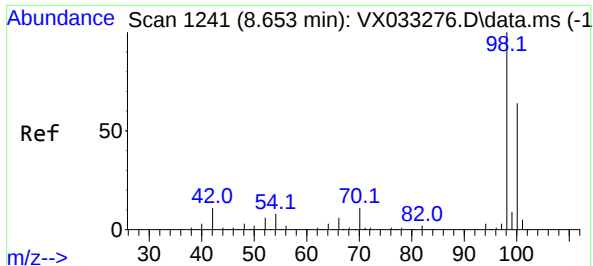
Delta R.T. -0.024 min

Lab File: VX033509.D

Acq: 20 Dec 2022 15:40

Tgt Ion:	88	Resp:	63
Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	0.0	51.7	77.5#





#50

Toluene-d8

Concen: 46.592 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033509.D

Acq: 20 Dec 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

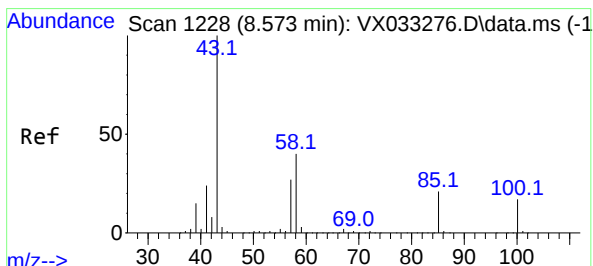
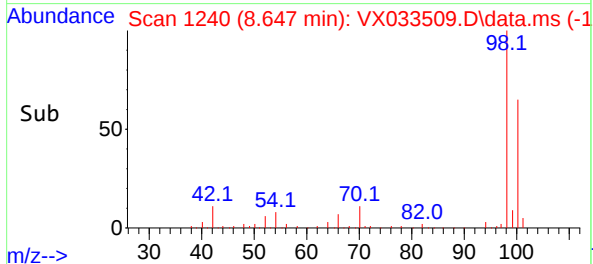
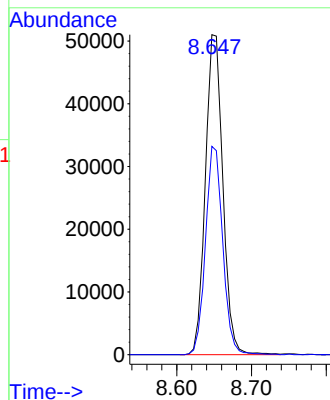
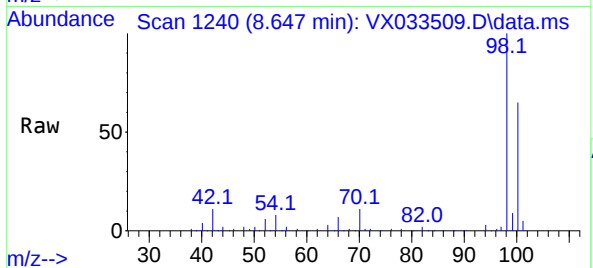
FAIR-1

Tgt Ion: 98 Resp: 82825

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.314 ug/l

RT: 8.562 min Scan# 1226

Delta R.T. -0.012 min

Lab File: VX033509.D

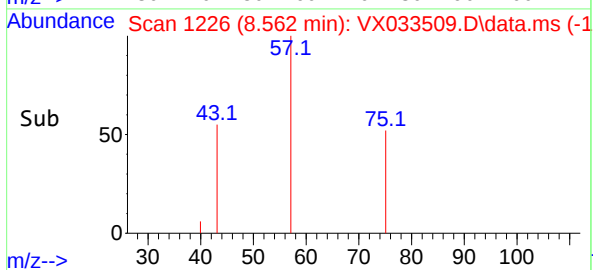
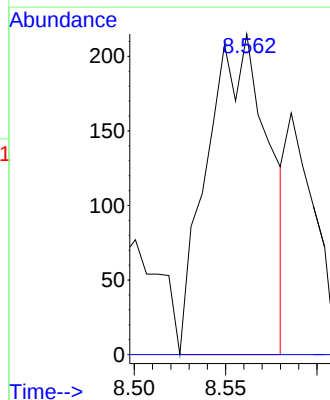
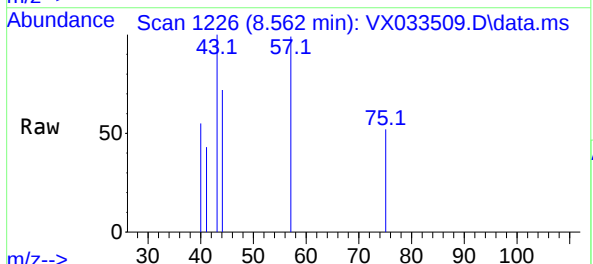
Acq: 20 Dec 2022 15:40

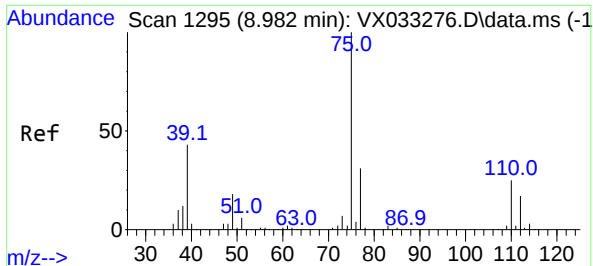
Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 2.808 ug/l

RT: 8.897 min Scan# 11

Delta R.T. -0.085 min

Lab File: VX033509.D

Acq: 20 Dec 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

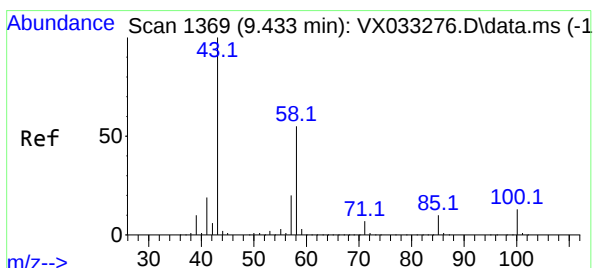
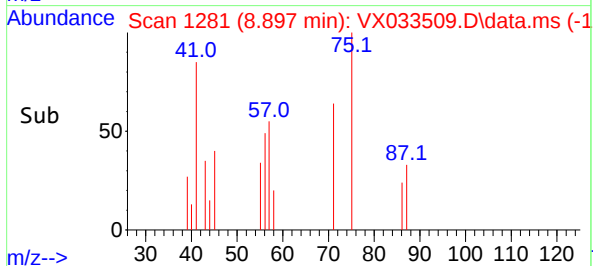
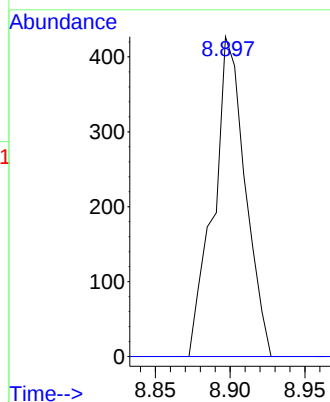
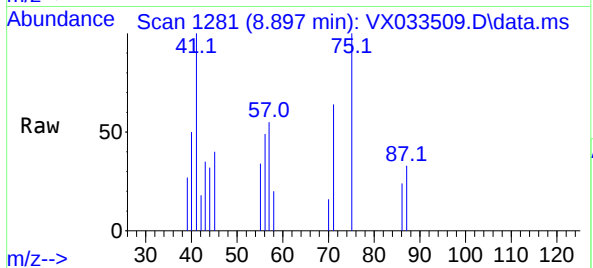
FAIR-1

Tgt Ion: 75 Resp: 628

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#59

2-Hexanone

Concen: 0.423 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033509.D

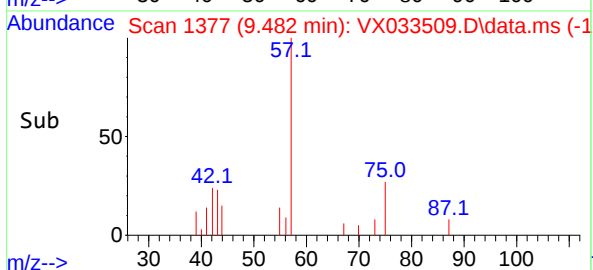
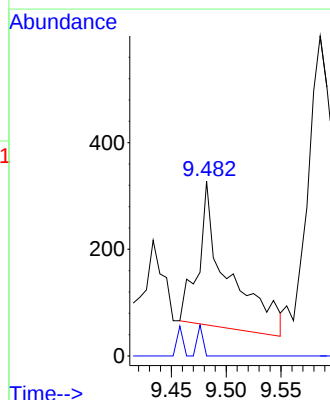
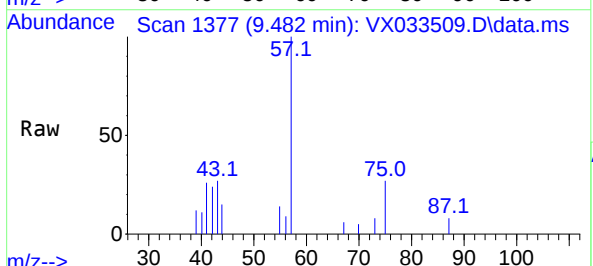
Acq: 20 Dec 2022 15:40

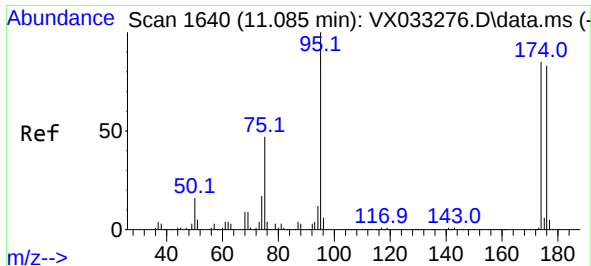
Tgt Ion: 43 Resp: 497

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.5#

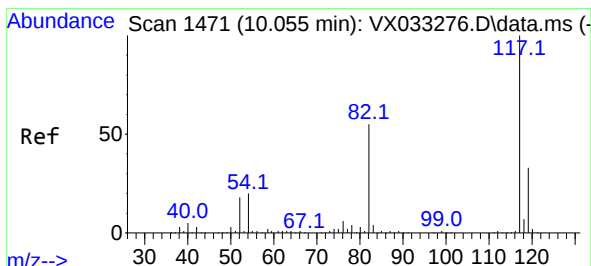
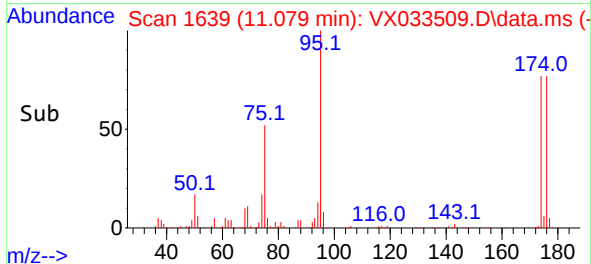
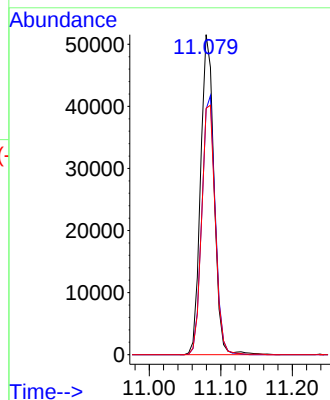
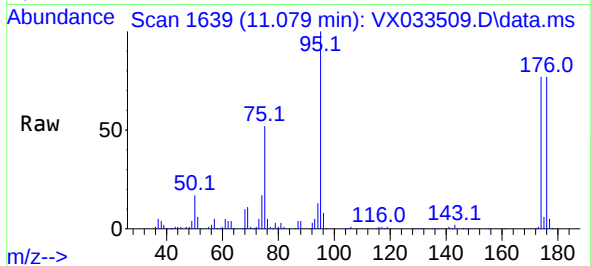




#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

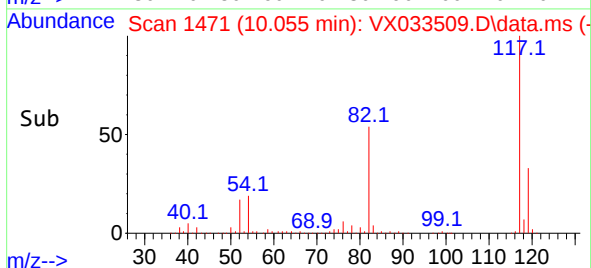
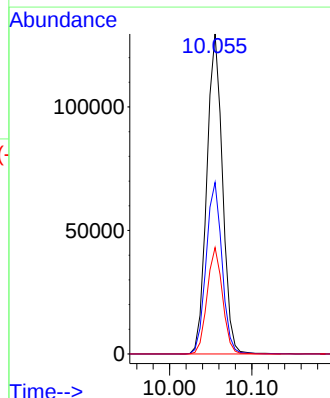
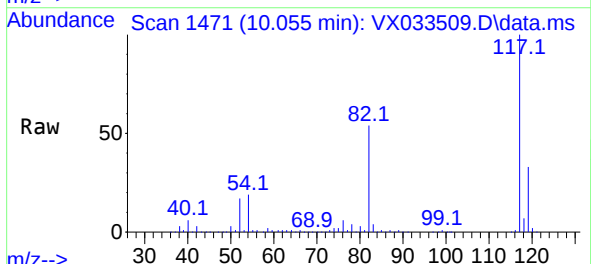
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

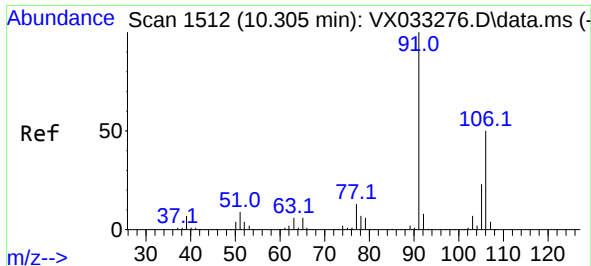
Tgt Ion: 95 Resp: 66954
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 117 Resp: 171653
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 33.3 25.7 38.5

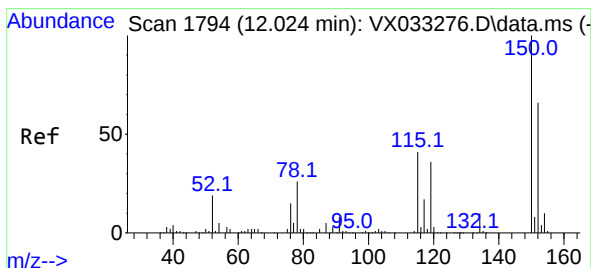
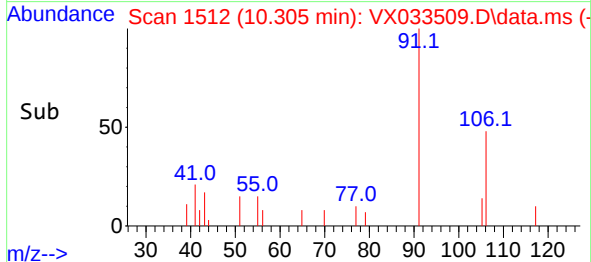
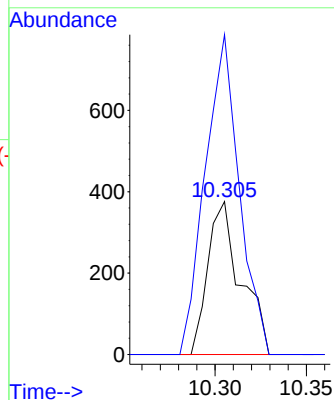
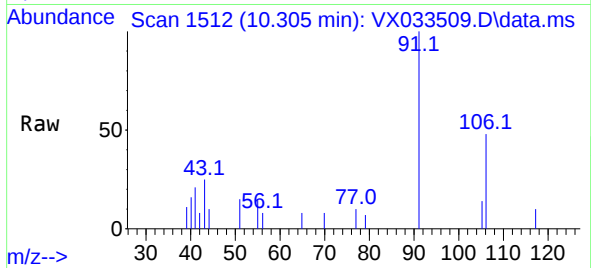




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

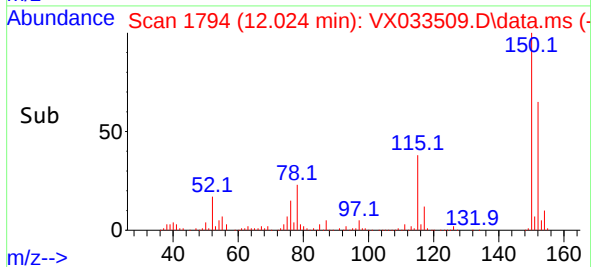
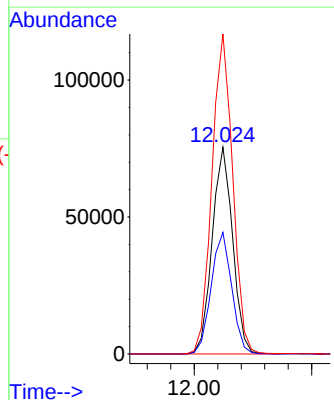
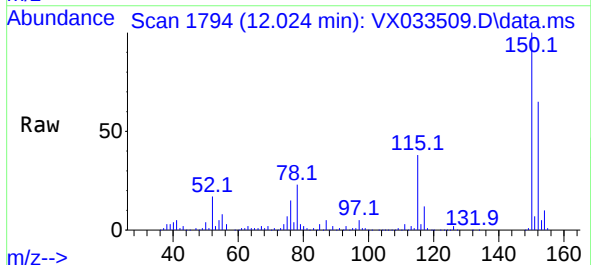
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

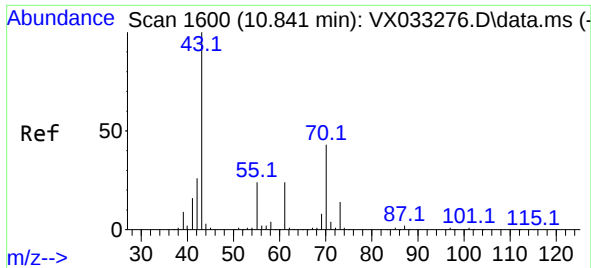
Tgt Ion:106 Resp: 474
Ion Ratio Lower Upper
106 100
91 215.4 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion:152 Resp: 91432
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 157.0 0.0 351.8

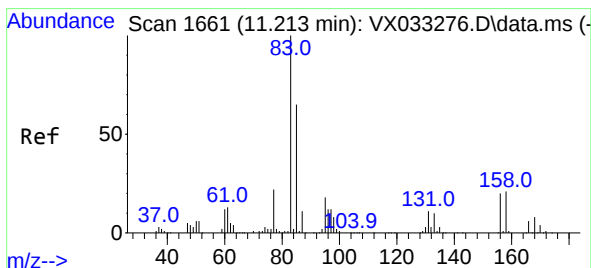
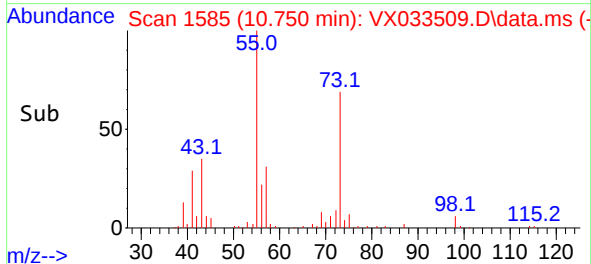
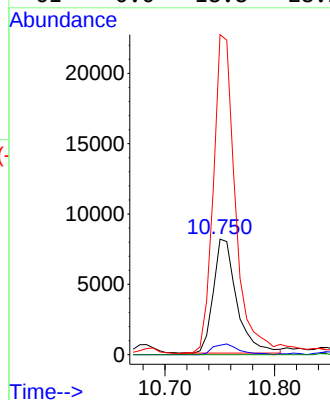
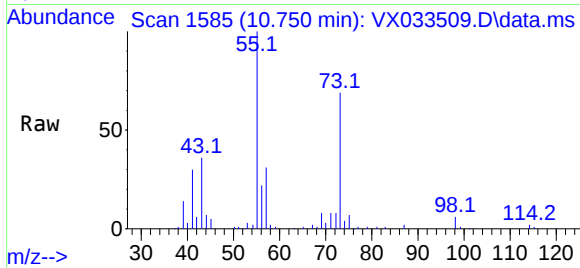




#74
N-amy1 acetate
Concen: 5.304 ug/l
RT: 10.750 min Scan# 11993
Delta R.T. -0.091 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

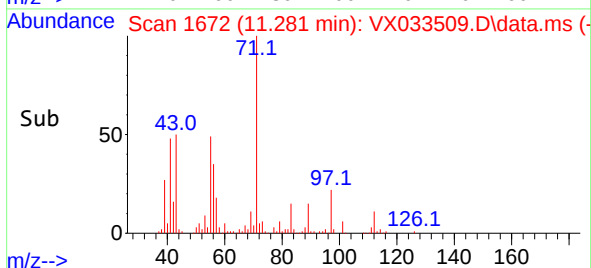
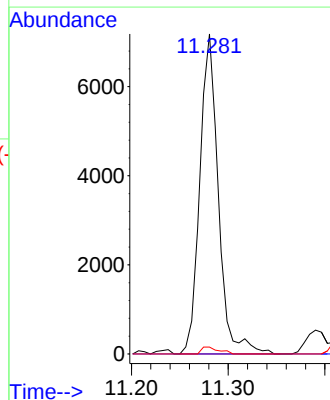
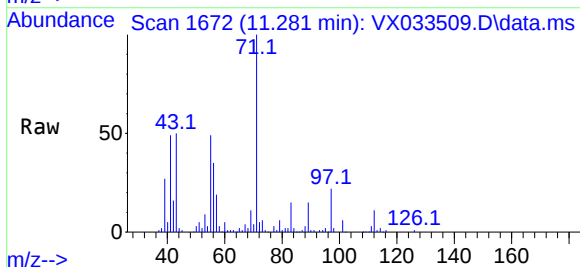
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

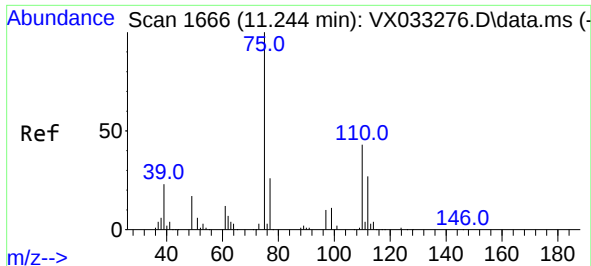
Tgt Ion: 43	Resp: 11993
Ion Ratio	Lower Upper
43 100	
70 10.4	33.6 50.4#
55 270.2	19.4 29.2#
61 0.0	18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.560 ug/l
RT: 11.281 min Scan# 1672
Delta R.T. 0.068 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 83	Resp: 9587
Ion Ratio	Lower Upper
83 100	
131 0.0	5.4 16.2#
85 0.0	31.9 95.9#

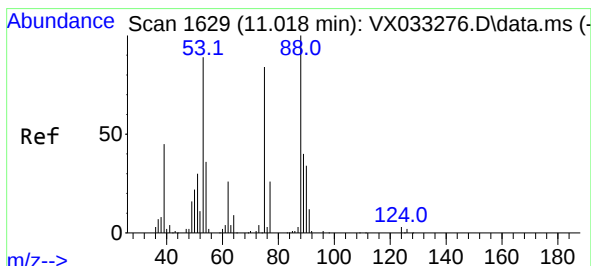
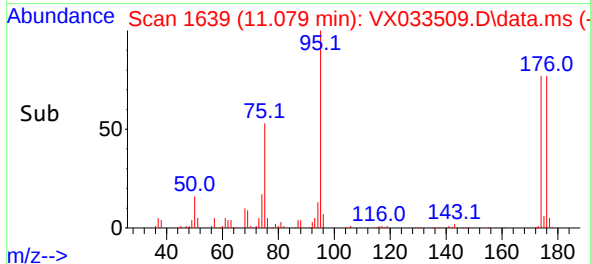
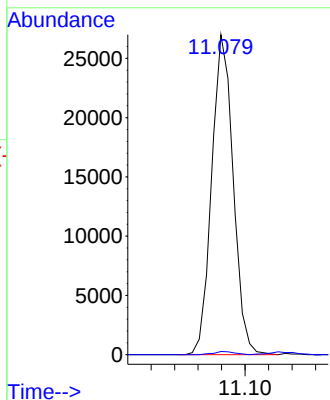
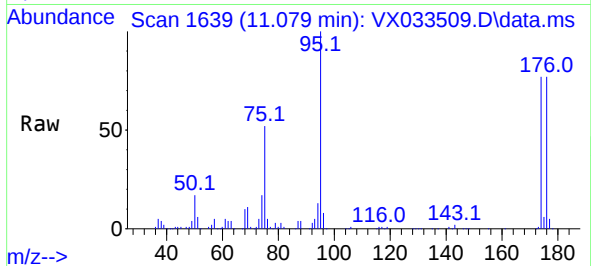




#76
1,2,3-Trichloropropane
Concen: 18.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

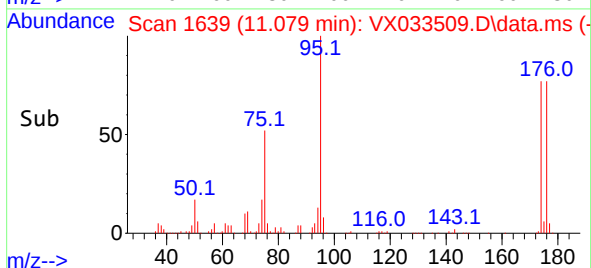
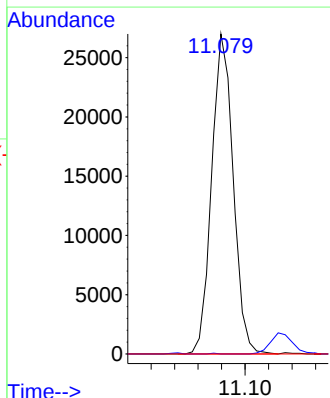
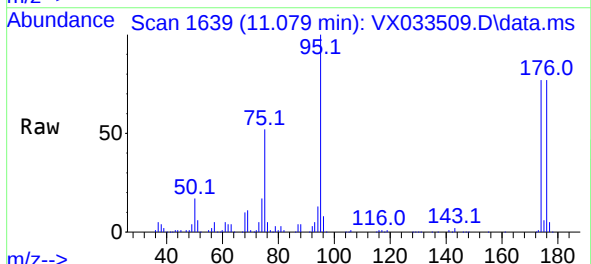
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

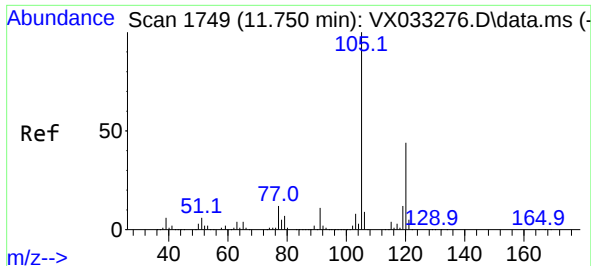
Tgt Ion: 75 Resp: 34346
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 75 Resp: 34346
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

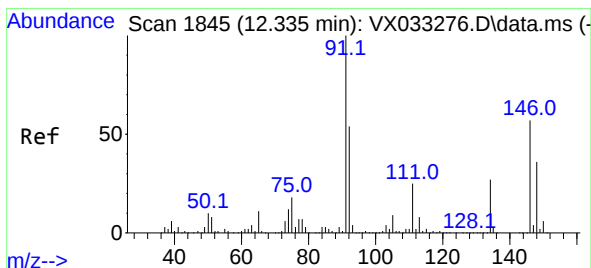
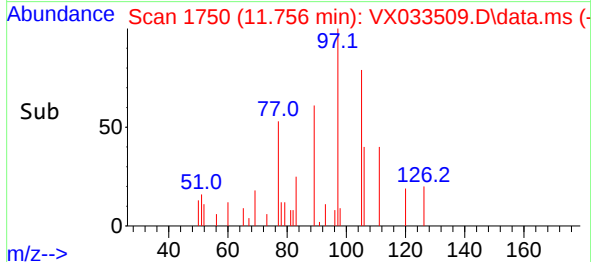
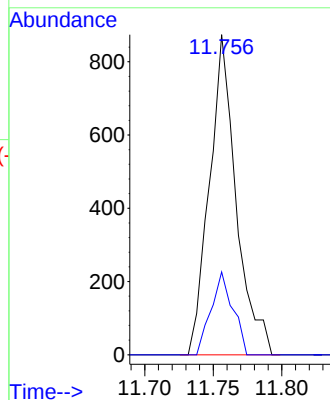
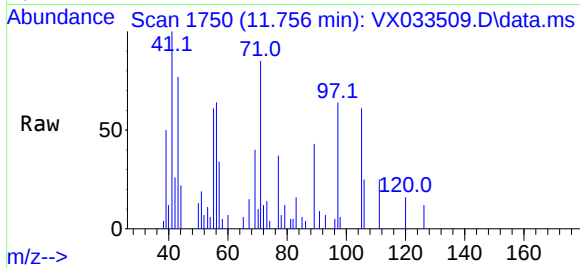




#84
1,2,4-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.756 min Scan# 1186
Delta R.T. 0.007 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

Tgt Ion:105 Resp: 1186
Ion Ratio Lower Upper
105 100
120 21.0 21.9 65.5#



#89
n-Butylbenzene
Concen: 0.351 ug/l
RT: 12.305 min Scan# 1840
Delta R.T. -0.030 min
Lab File: VX033509.D
Acq: 20 Dec 2022 15:40

Tgt Ion: 91 Resp: 1589
Ion Ratio Lower Upper
91 100
92 7.9 26.2 78.6#
134 0.0 12.9 38.6#

