

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)

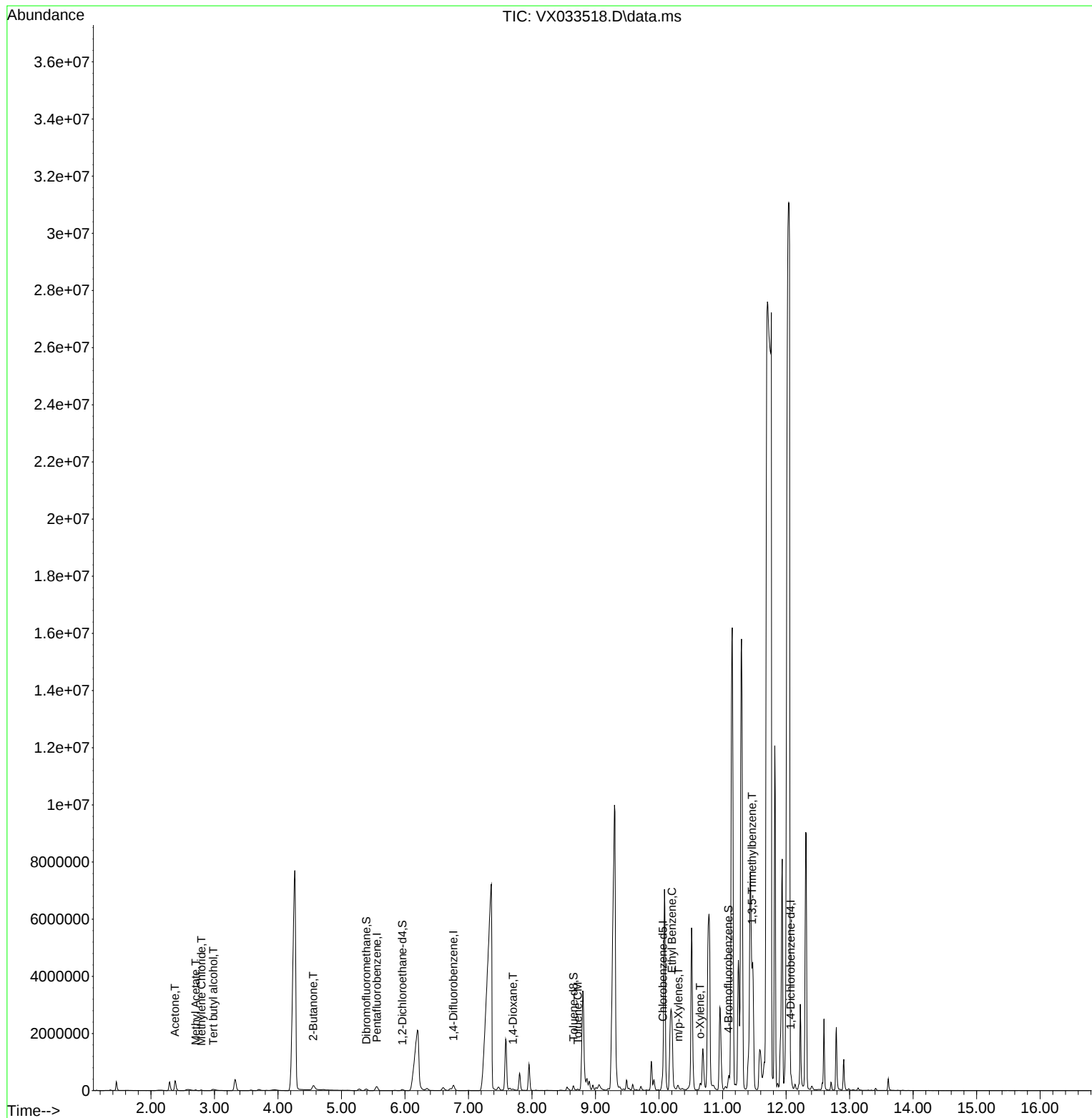
Internal Standards						
1) Pentafluorobenzene	5.556	168	146159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	190642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.073	152	59634	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	2.983	59	87044	303.635	ug/l	98
16) Acetone	2.380	43	394877	569.116	ug/l	97
18) Methyl Acetate	2.703	43	32771	16.315	ug/l	98
20) Methylene Chloride	2.794	84	11970	7.736	ug/l	86
25) 2-Butanone	4.556	43	251721	252.743	ug/l	94
49) 1,4-Dioxane	7.702	88	25371	835.032	ug/l #	80
52) Toluene	8.720	92	14524	4.539	ug/l	99
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
80) 1,3,5-Trimethylbenzene	11.463	105	5388	1.498	ug/l	98

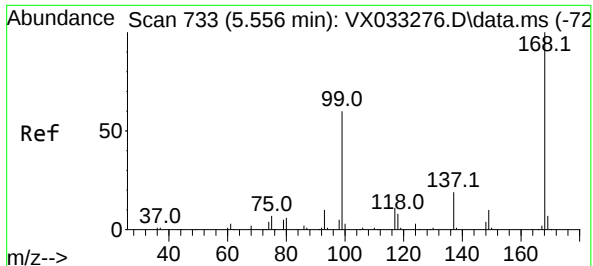
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

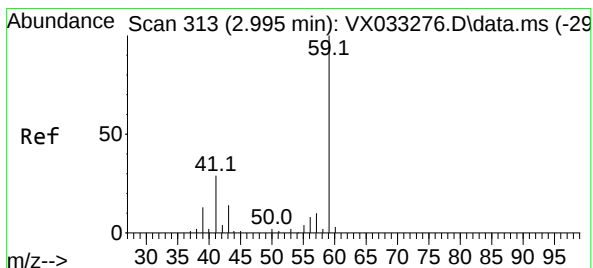
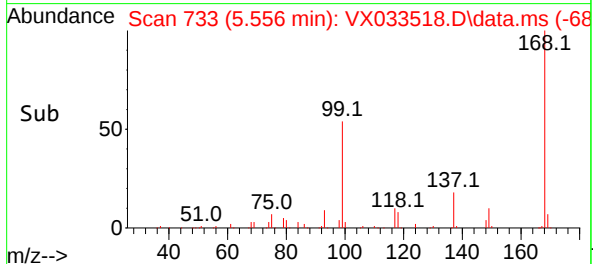
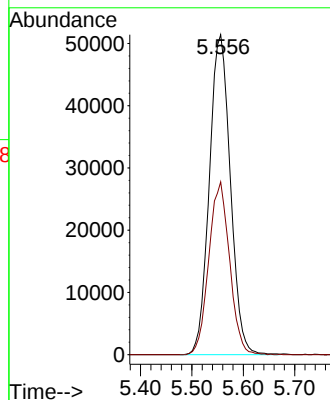
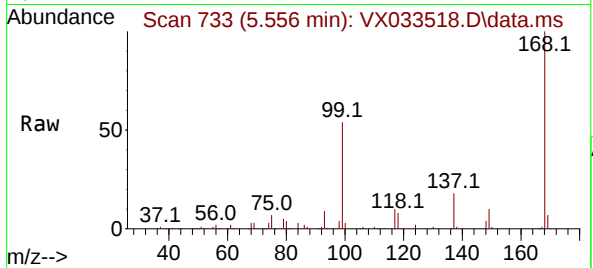




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

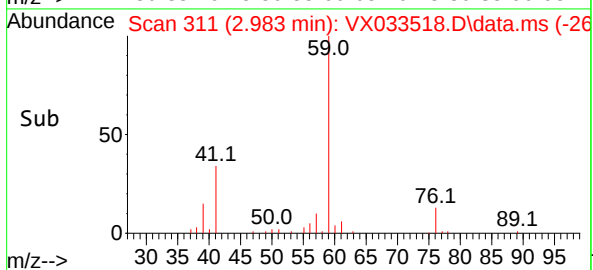
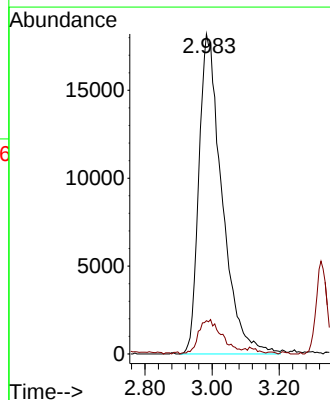
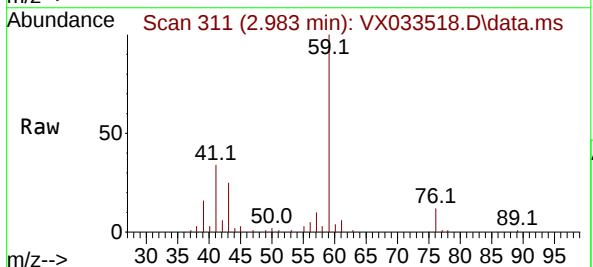
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

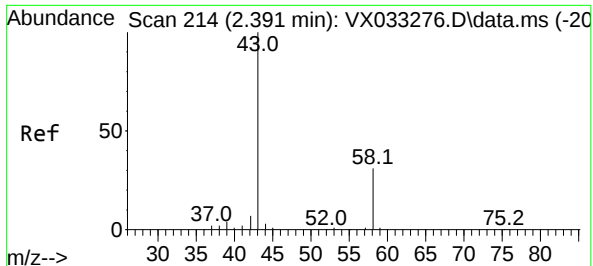
Tgt Ion:168 Resp: 146159
Ion Ratio Lower Upper
168 100
99 54.0 46.1 69.1



#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

Tgt Ion: 59 Resp: 87044
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

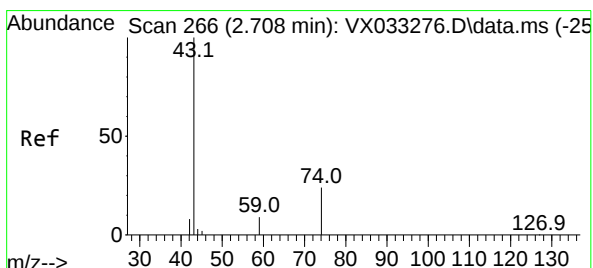
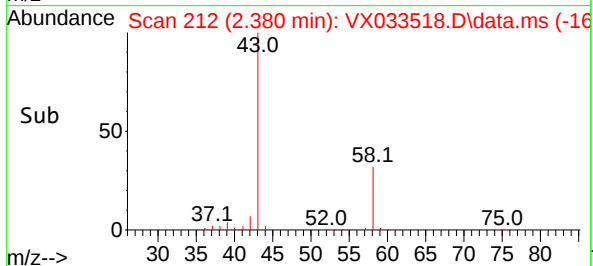
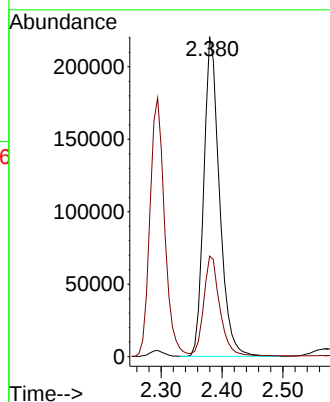
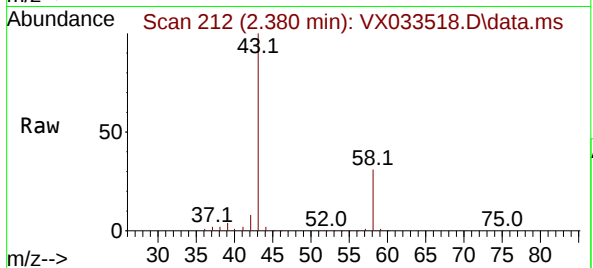




#16
Acetone
Concen: 569.116 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

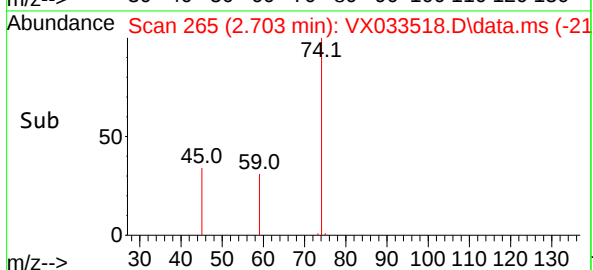
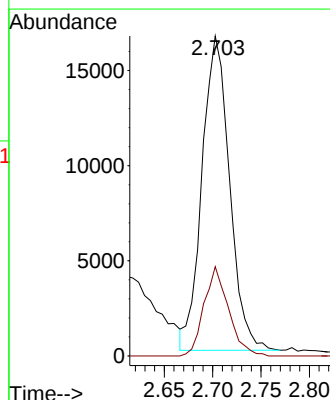
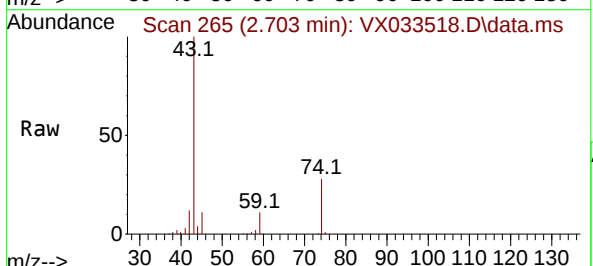
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

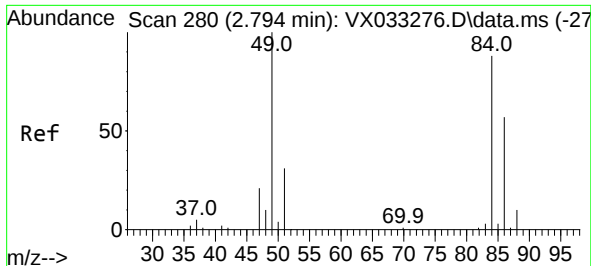
Tgt Ion: 43 Resp: 394877
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.8



#18
Methyl Acetate
Concen: 16.315 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 43 Resp: 32771
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0

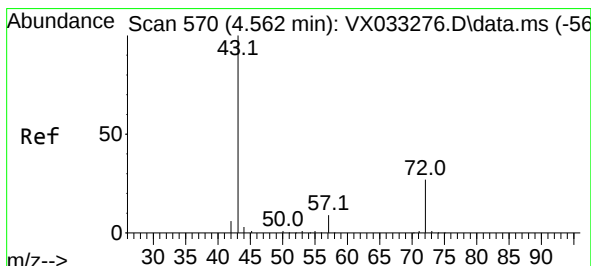
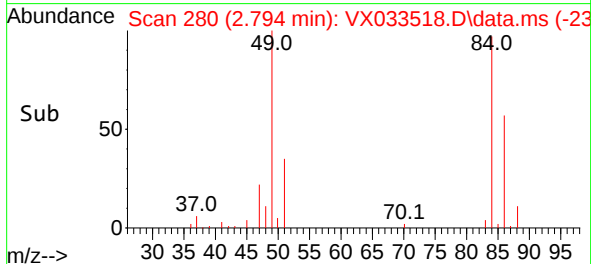
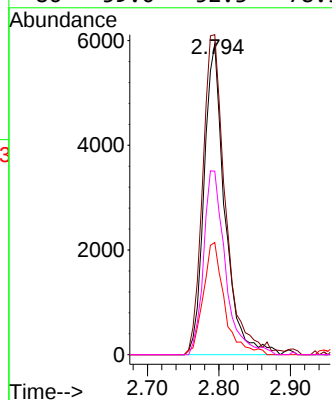
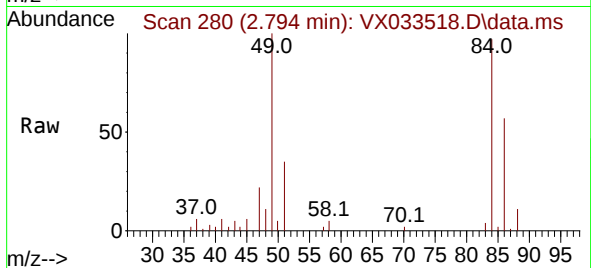




#20
Methylene Chloride
Concen: 7.736 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

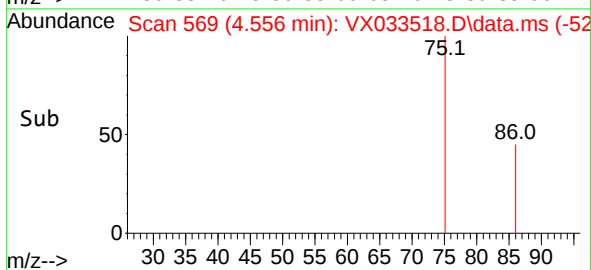
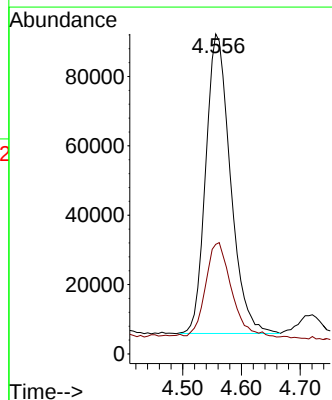
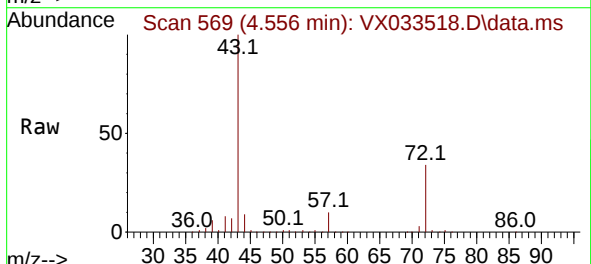
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

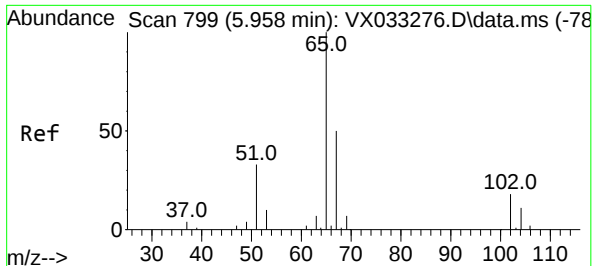
Tgt Ion:	84	Resp:	11970
Ion	Ratio	Lower	Upper
84	100		
49	103.0	101.0	151.6
51	36.1	31.1	46.7
86	59.0	52.3	78.5



#25
2-Butanone
Concen: 252.743 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

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





#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 :

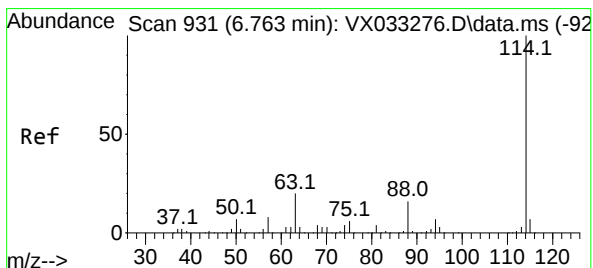
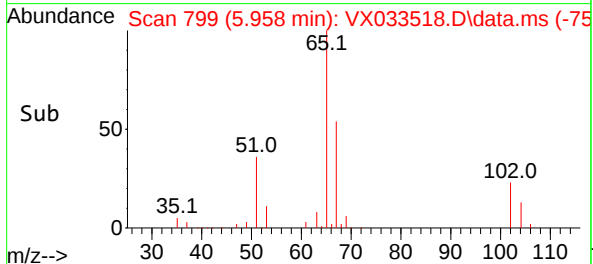
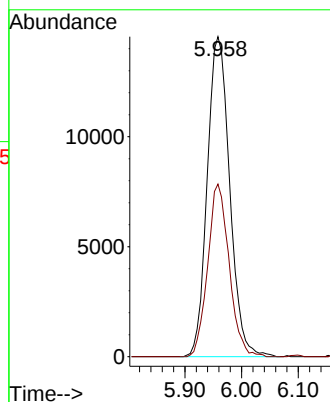
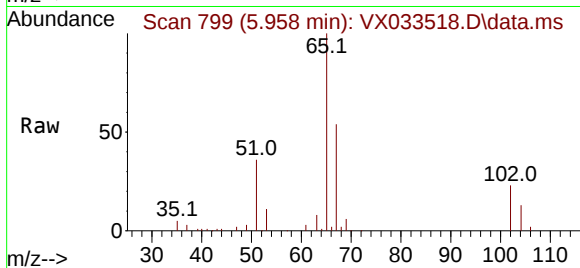
FAIR-1

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

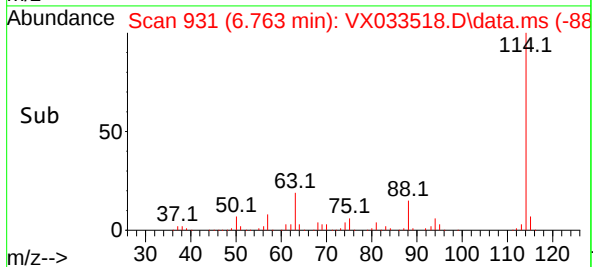
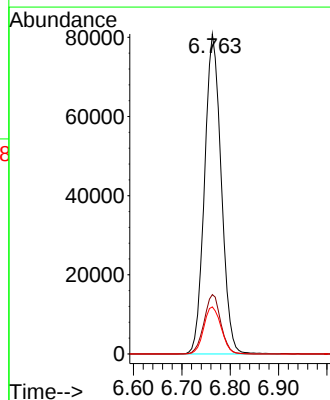
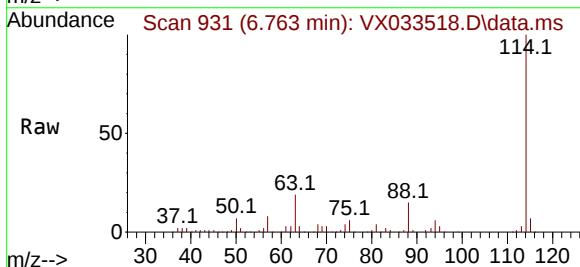
Tgt Ion: 114 Resp: 193563

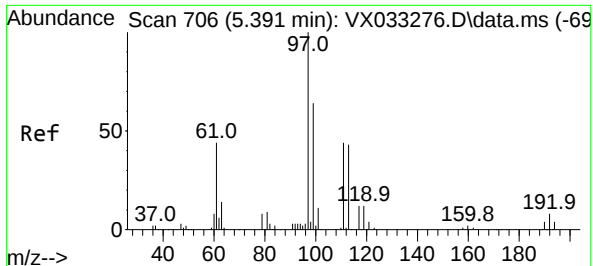
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.6

88 14.7 0.0 33.4

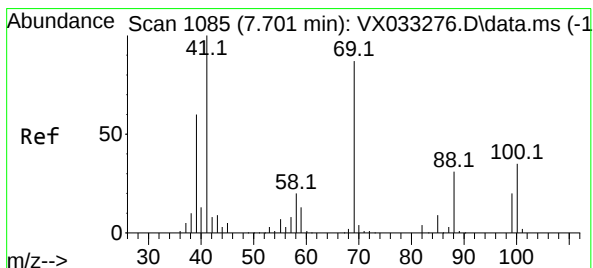
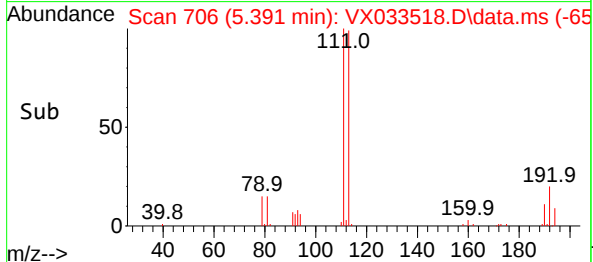
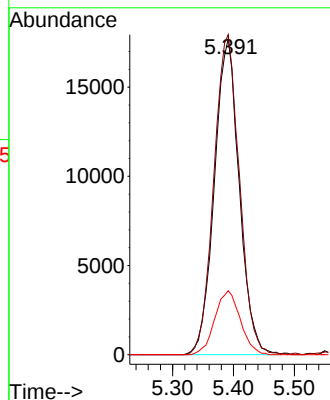
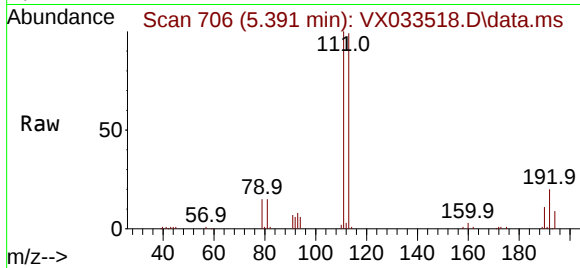




#35
Dibromofluoromethane
Concen: 57.625 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

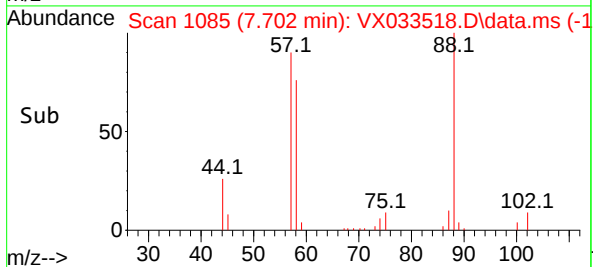
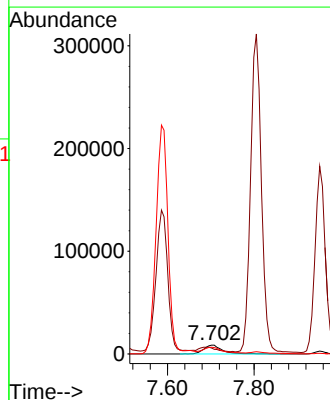
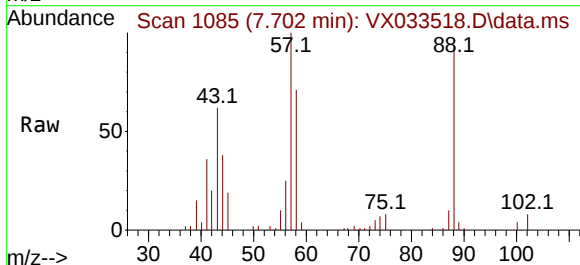
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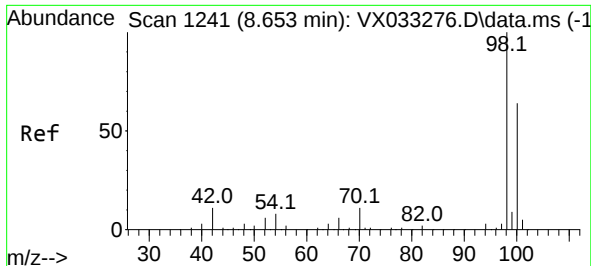
Tgt Ion:113 Resp: 50169
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 20.7 15.4 23.2



#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

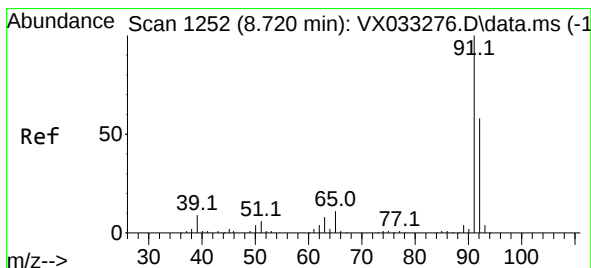
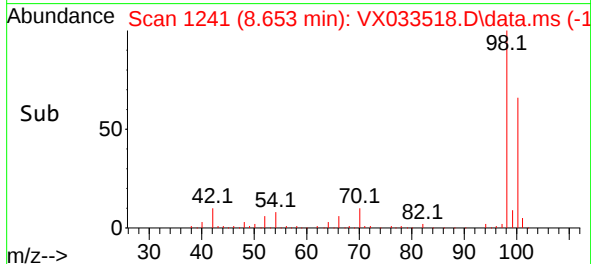
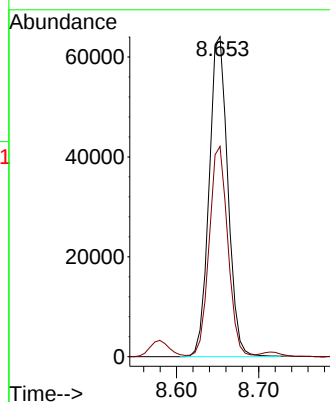
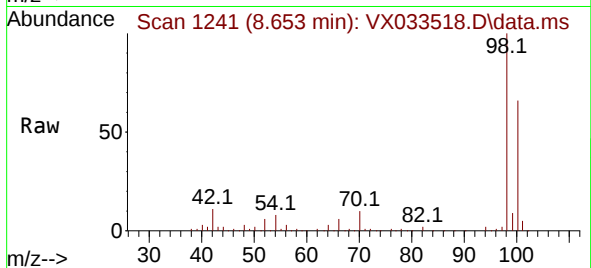




#50
Toluene-d8
Concen: 55.674 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

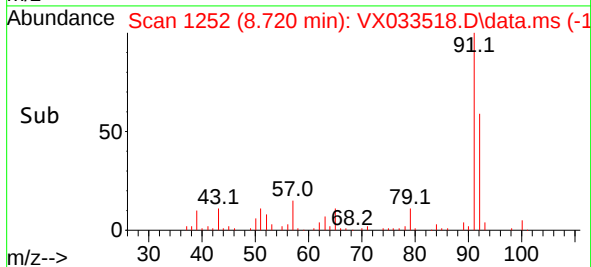
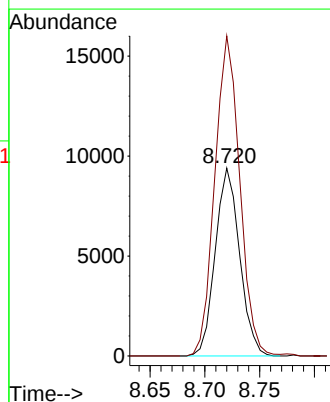
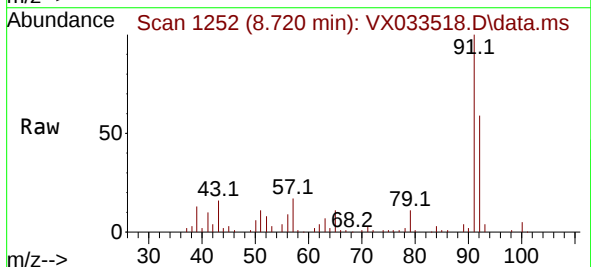
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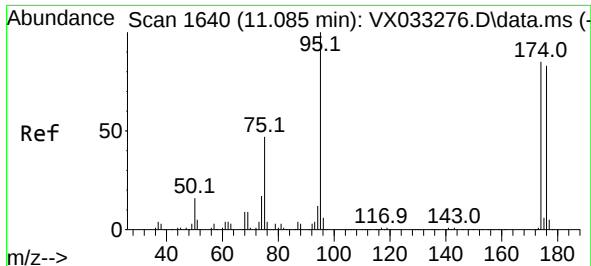
Tgt Ion: 98 Resp: 101398
Ion Ratio Lower Upper
98 100
100 65.4 50.9 76.3



#52
Toluene
Concen: 4.539 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 92 Resp: 14524
Ion Ratio Lower Upper
92 100
91 174.9 138.3 207.5

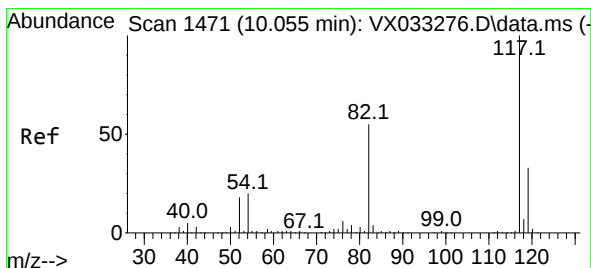
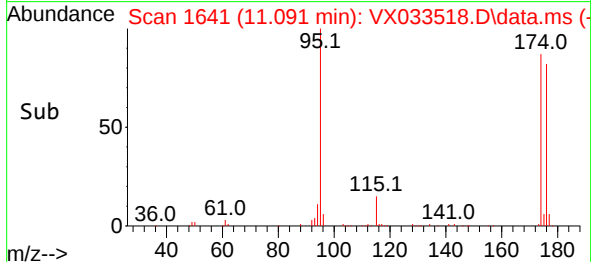
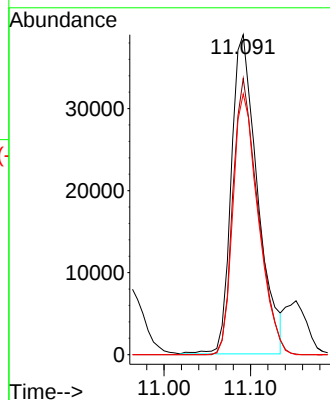
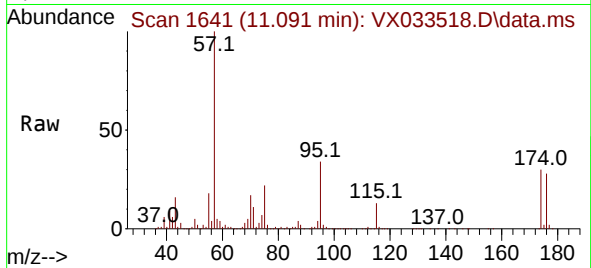




#62
4-Bromofluorobenzene
Concen: 58.893 ug/l
RT: 11.091 min Scan# 11091
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

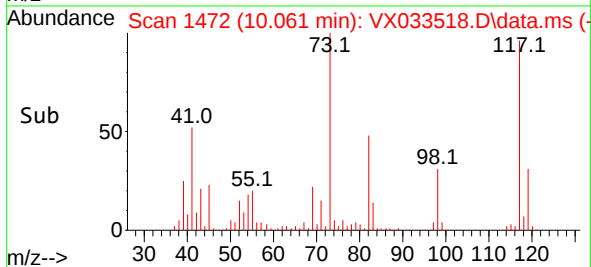
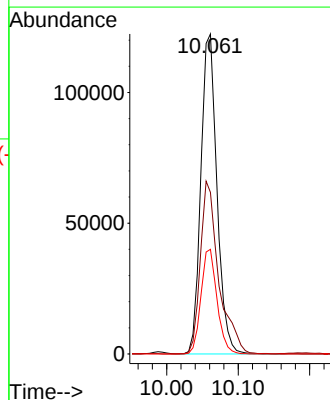
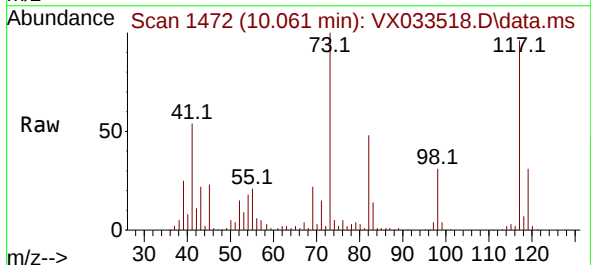
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

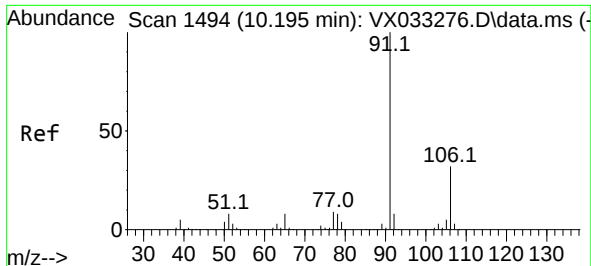
Tgt Ion: 95 Resp: 82012
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 78.8 0.0 154.4



#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

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





#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 :

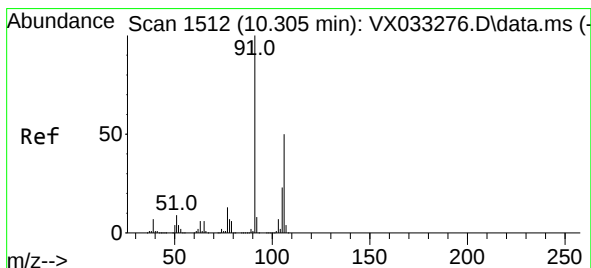
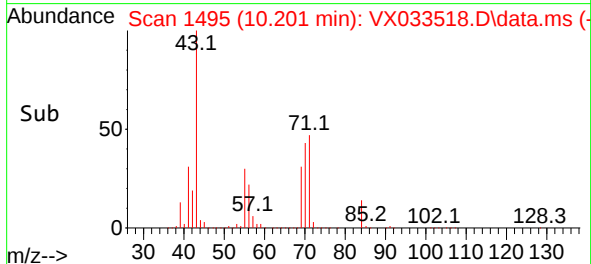
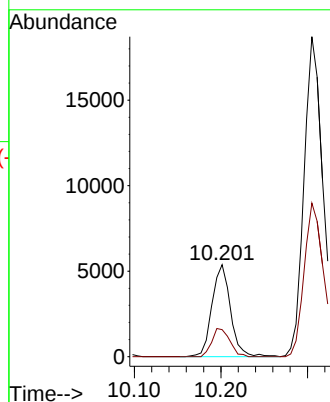
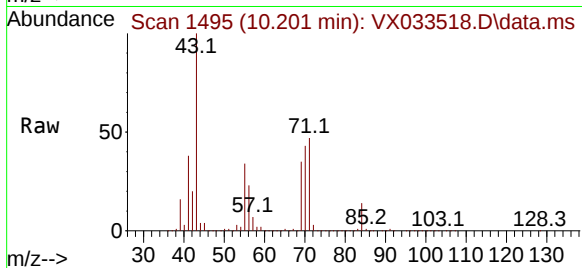
FAIR-1

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

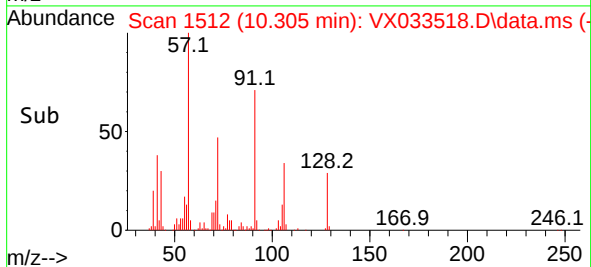
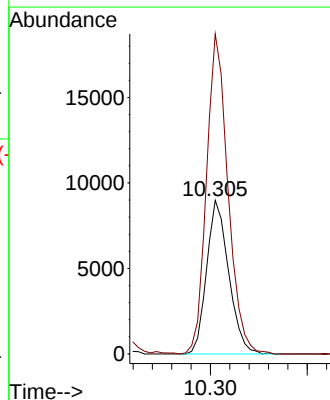
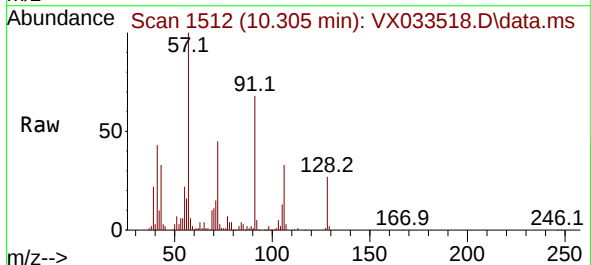
Acq: 20 Dec 2022 19:07

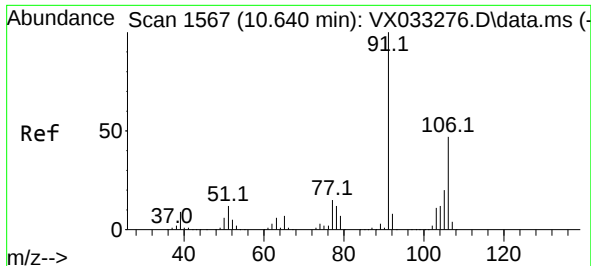
Tgt Ion: 106 Resp: 14241

Ion Ratio Lower Upper

106 100

91 203.0 164.5 246.7

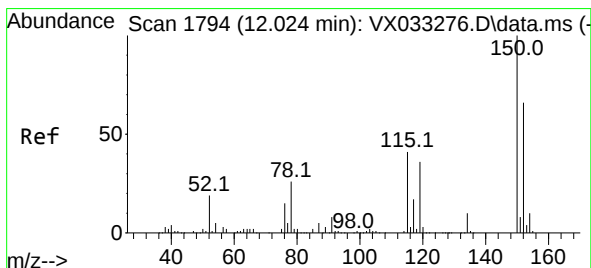
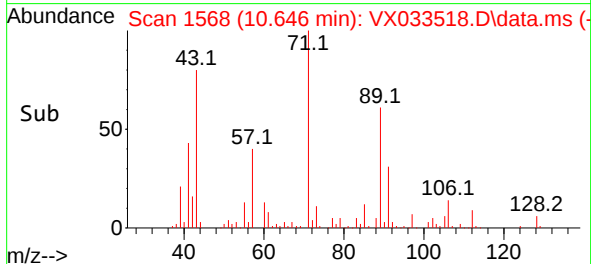
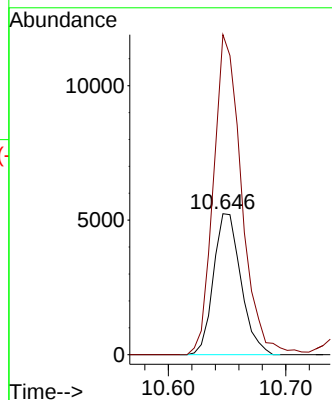
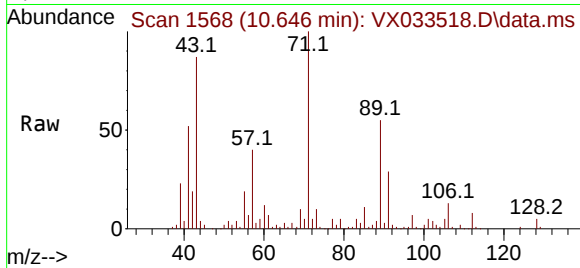




#69
o-Xylene
Concen: 3.279 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033518.D
Acq: 20 Dec 2022 19:07

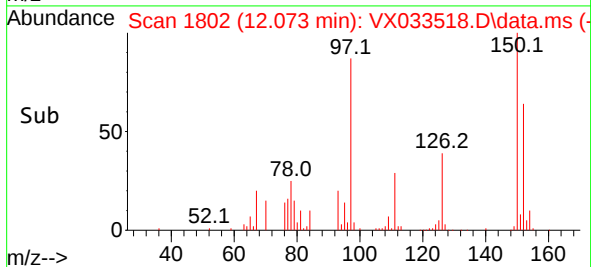
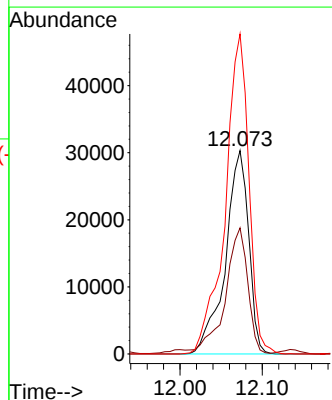
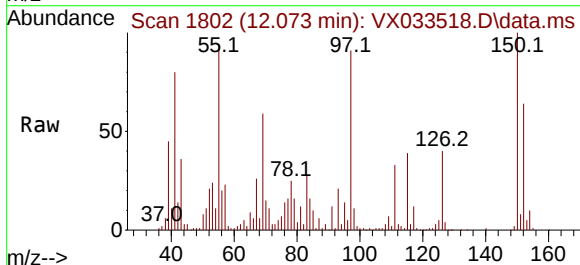
Instrument :
MSVOA_X
ClientSampleId :
FAIR-1

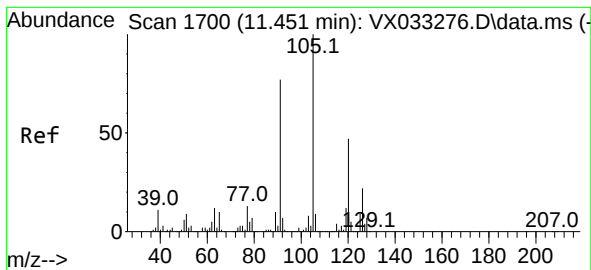
Tgt Ion:106 Resp: 8480
Ion Ratio Lower Upper
106 100
91 233.3 109.2 327.6



#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





#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

