

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033513.D
 Acq On : 20 Dec 2022 17:12
 Operator : JC/MD
 Sample : N6149-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PARAM-1

Quant Time: Dec 21 04:16:01 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)

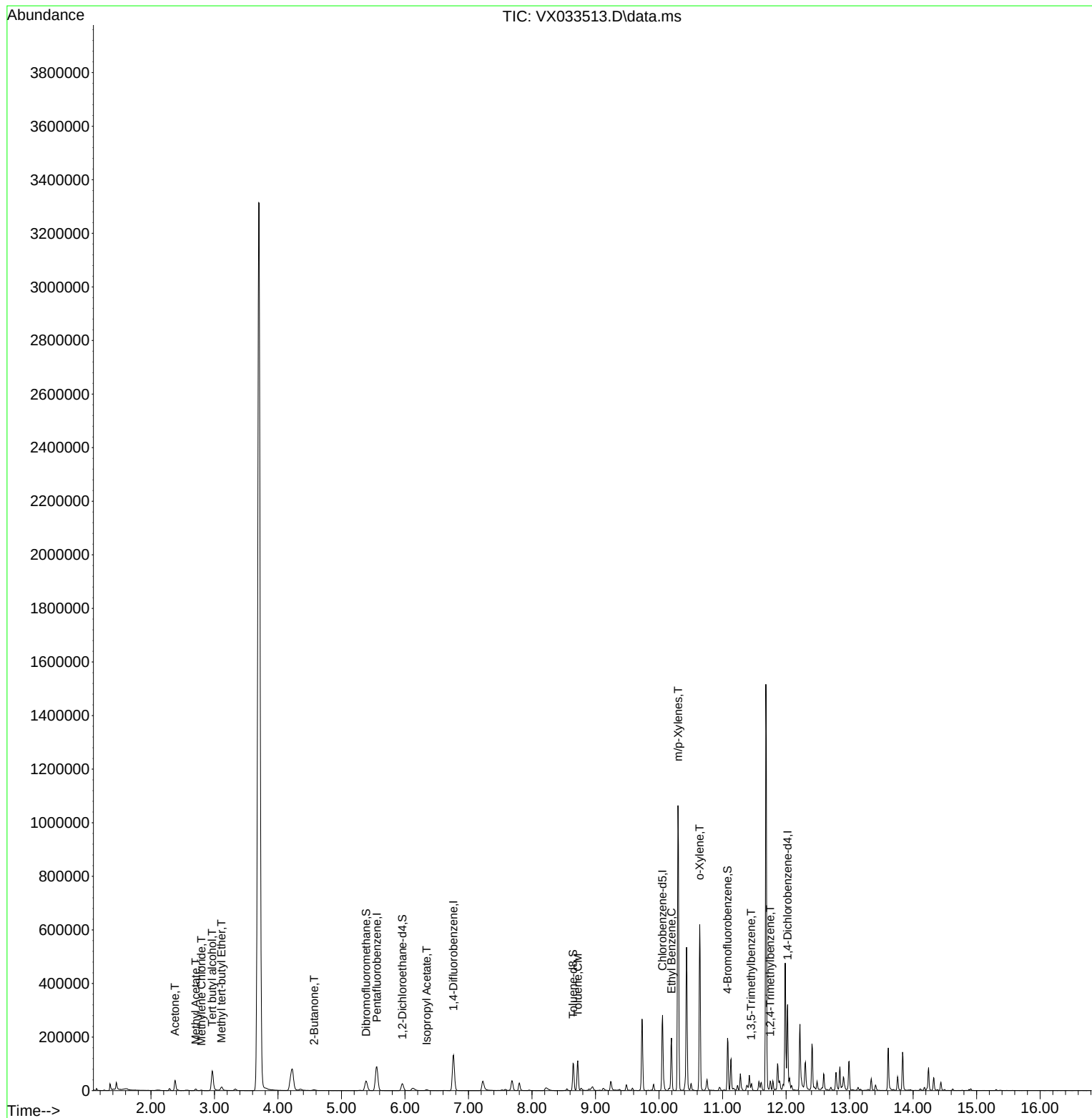
Internal Standards						
1) Pentafluorobenzene	5.556	168	90549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25116	43.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.480%
35) Dibromofluoromethane	5.385	113	31168	48.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	8.647	98	62978	47.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.079	95	47623	46.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	13773	77.550	ug/l #	92
16) Acetone	2.379	43	40112	93.316	ug/l	92
18) Methyl Acetate	2.703	43	7141	5.739	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	13796	4.852	ug/l	99
20) Methylene Chloride	2.794	84	1121	1.169	ug/l #	90
25) 2-Butanone	4.568	43	3270	5.300	ug/l	99
43) Isopropyl Acetate	6.342	43	3781	1.993	ug/l	93
52) Toluene	8.720	92	42324	18.000	ug/l	99
67) Ethyl Benzene	10.195	91	110413	24.449	ug/l	100
68) m/p-Xylenes	10.299	106	249833	142.188	ug/l	94
69) o-Xylene	10.640	106	132604	76.352	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3914	1.005	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	14015	3.603	ug/l	97

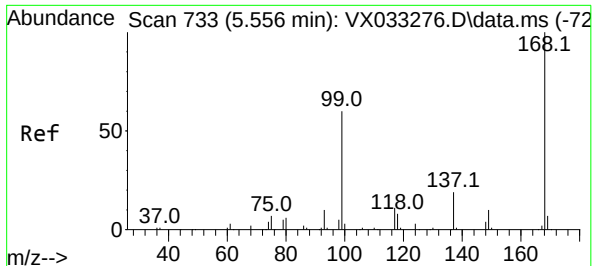
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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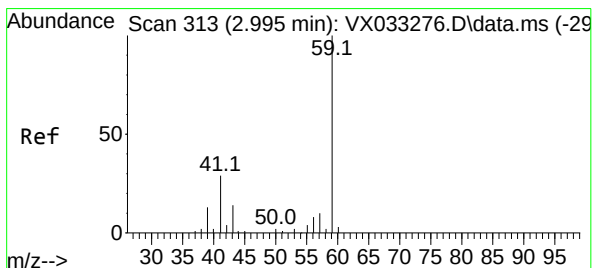
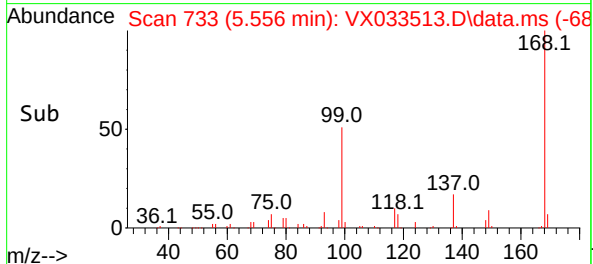
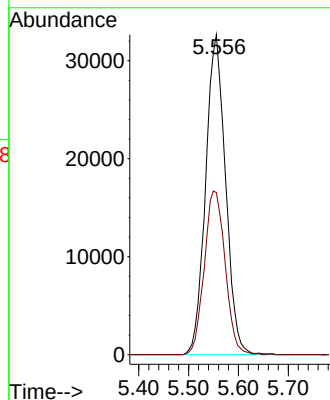
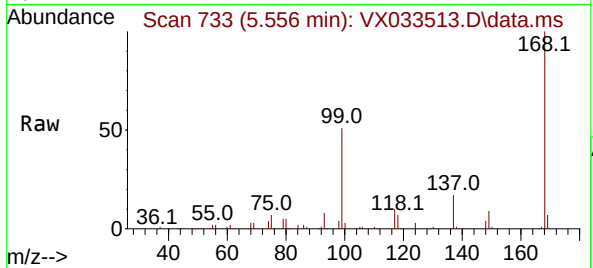




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

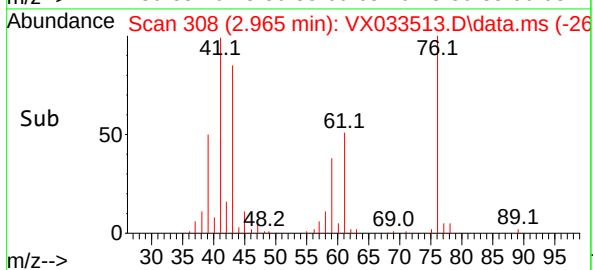
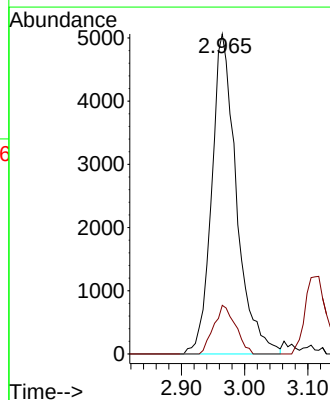
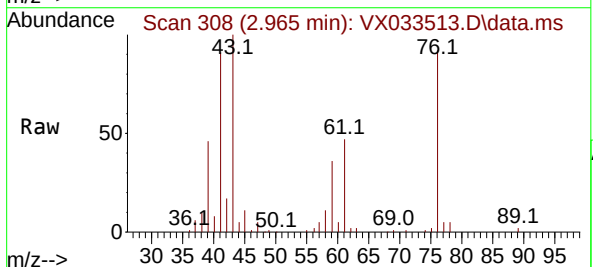
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

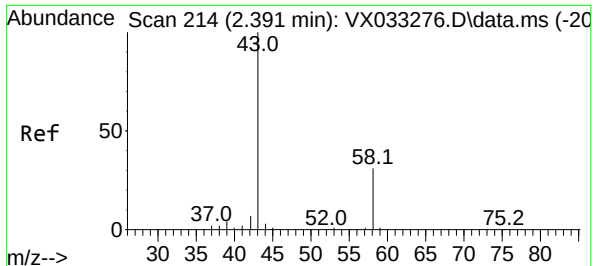
Tgt Ion:168 Resp: 90549
Ion Ratio Lower Upper
168 100
99 50.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 77.550 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 59 Resp: 13773
Ion Ratio Lower Upper
59 100
57 13.4 8.2 12.4#

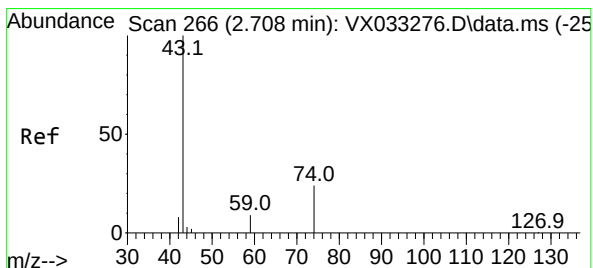
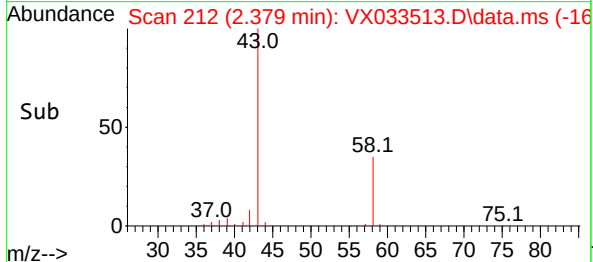
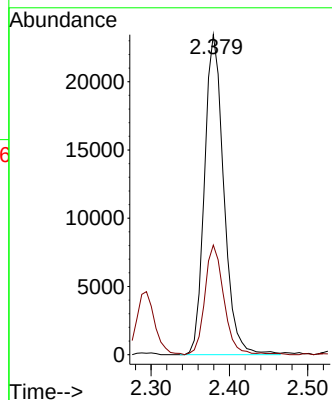
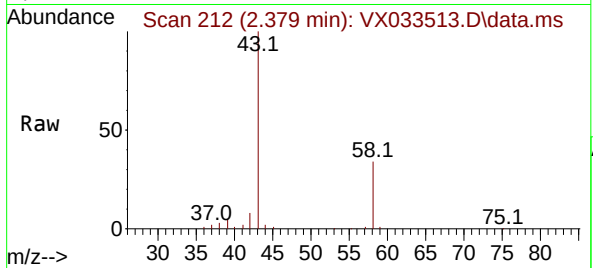




#16
Acetone
Concen: 93.316 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

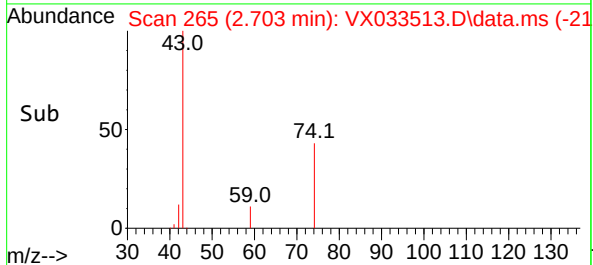
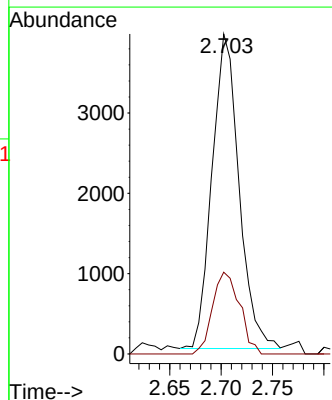
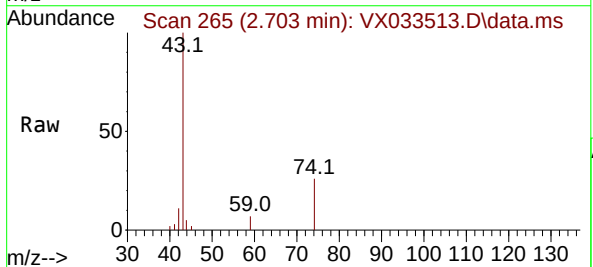
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

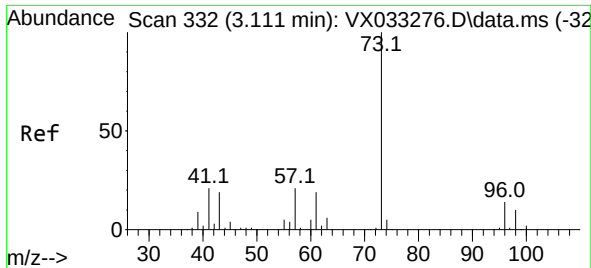
Tgt Ion: 43 Resp: 40112
Ion Ratio Lower Upper
43 100
58 33.9 23.8 35.8



#18
Methyl Acetate
Concen: 5.739 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 43 Resp: 7141
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.0

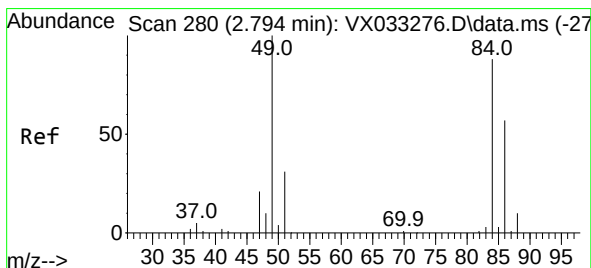
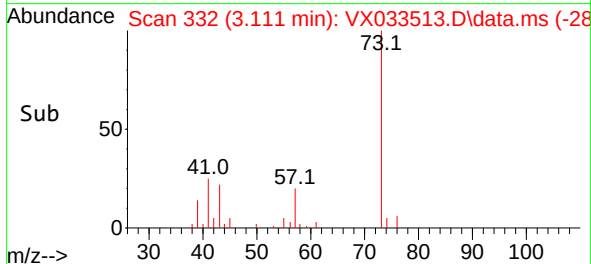
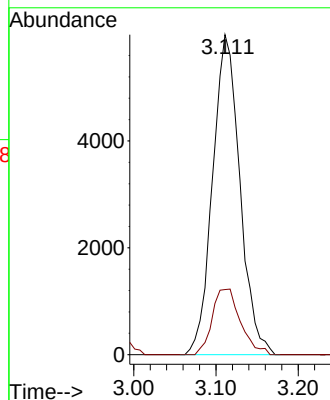
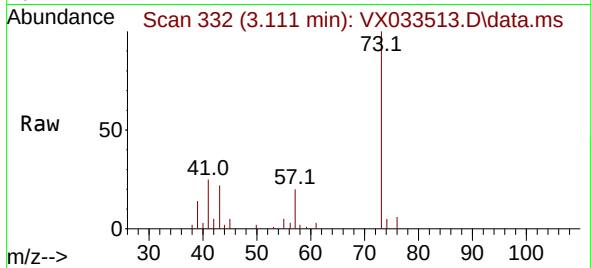




#19
Methyl tert-butyl Ether
Concen: 4.852 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

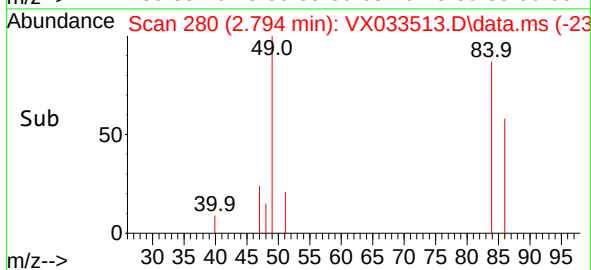
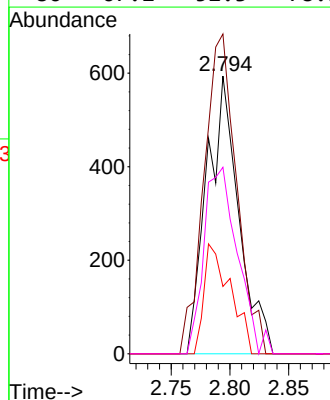
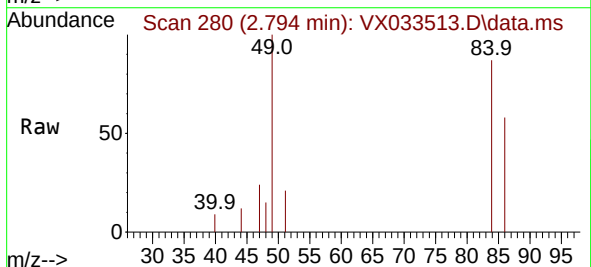
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

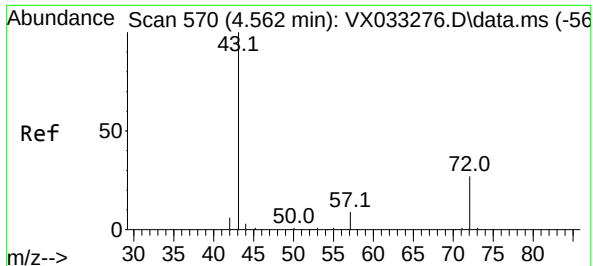
Tgt Ion: 73 Resp: 13796
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 1.169 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
49 115.2 101.0 151.6
51 24.2 31.1 46.7#
86 67.2 52.3 78.5





#25

2-Butanone

Concen: 5.300 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033513.D

Acq: 20 Dec 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

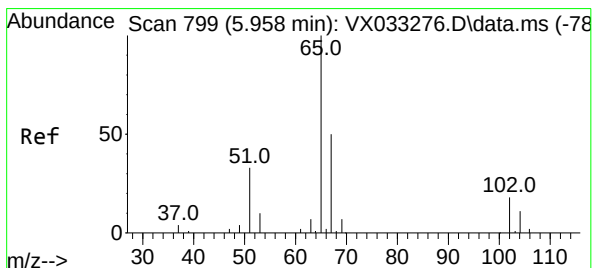
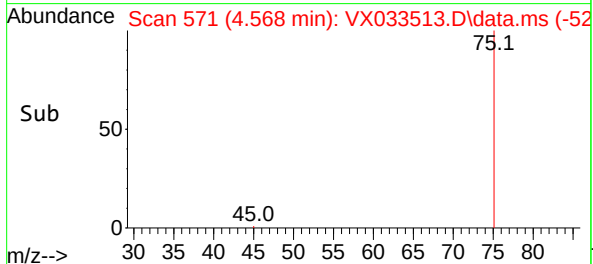
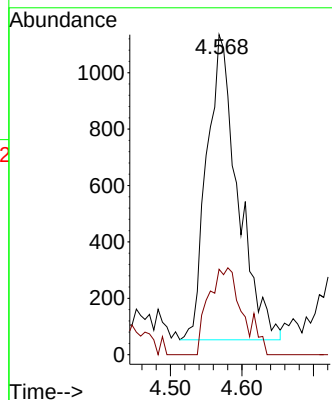
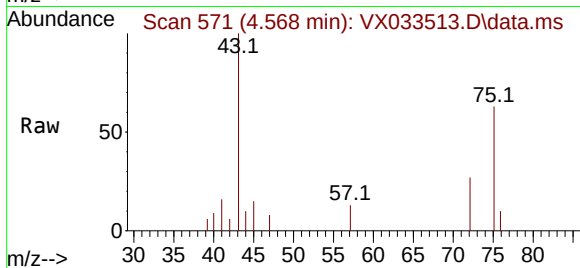
PARAM-1

Tgt Ion: 43 Resp: 3270

Ion Ratio Lower Upper

43 100

72 28.0 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 43.236 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033513.D

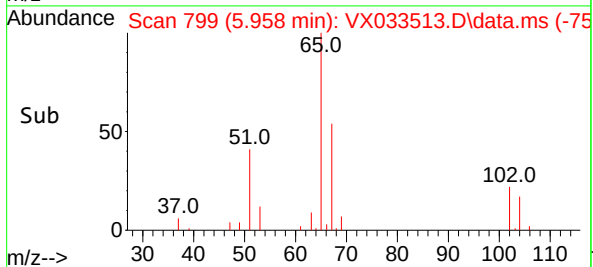
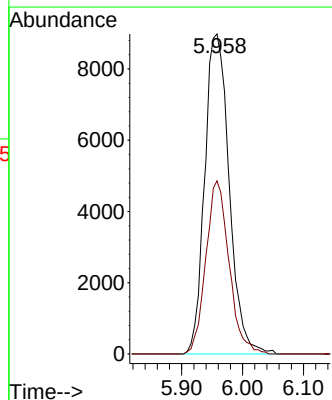
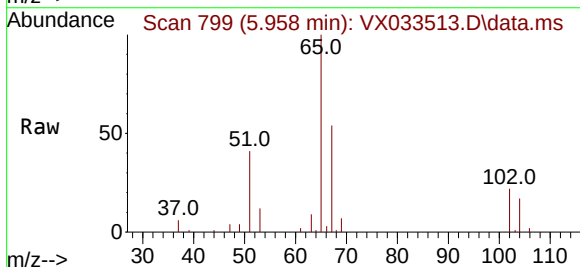
Acq: 20 Dec 2022 17:12

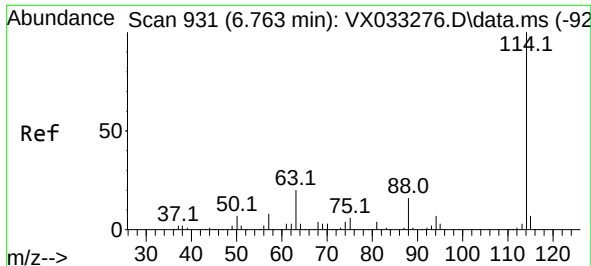
Tgt Ion: 65 Resp: 25116

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8

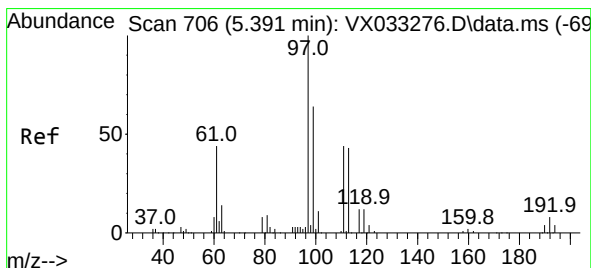
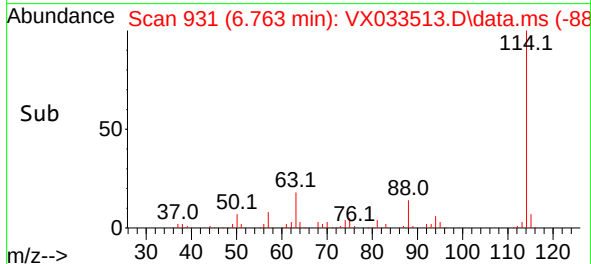
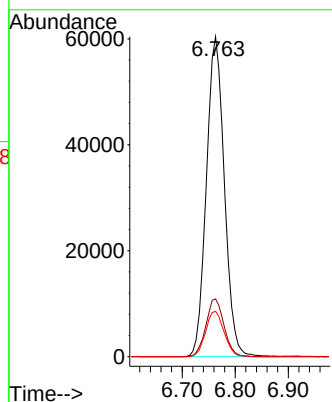
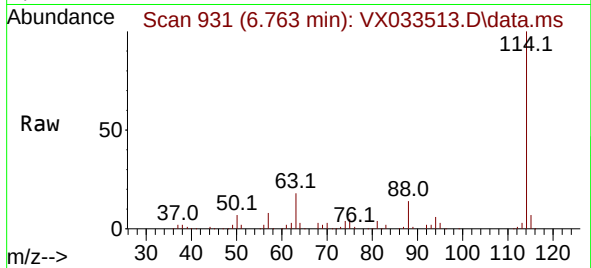




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

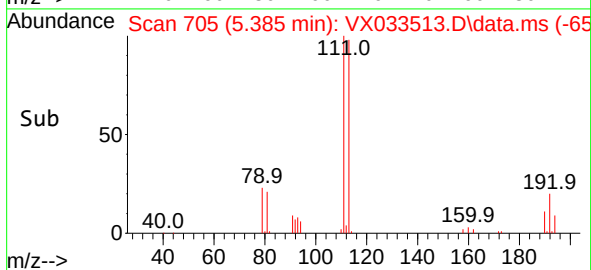
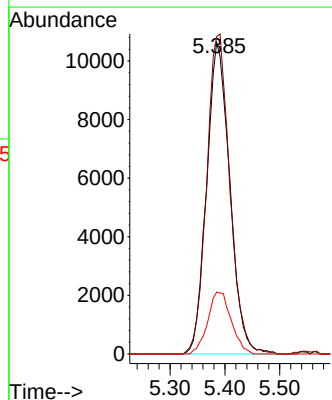
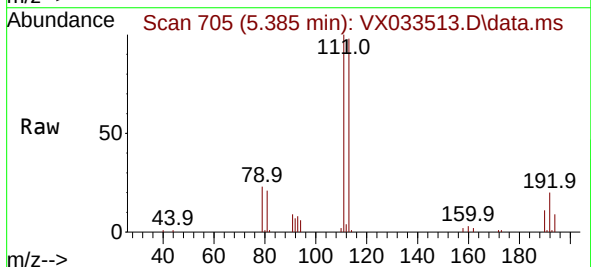
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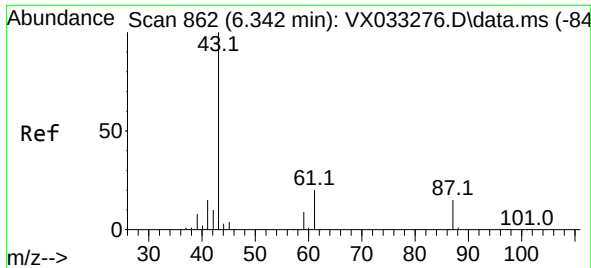
Tgt Ion:114 Resp: 142238
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.6
88 14.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion:113 Resp: 31168
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 20.1 15.4 23.2

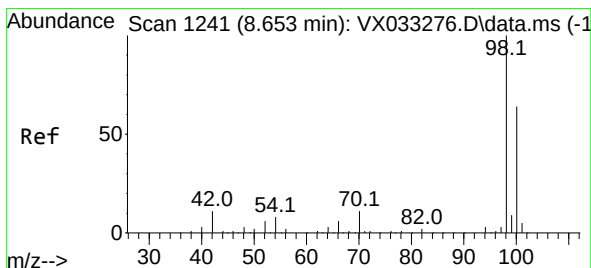
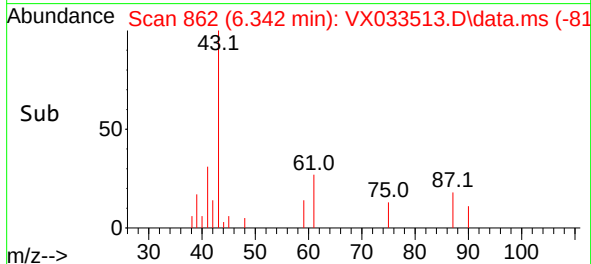
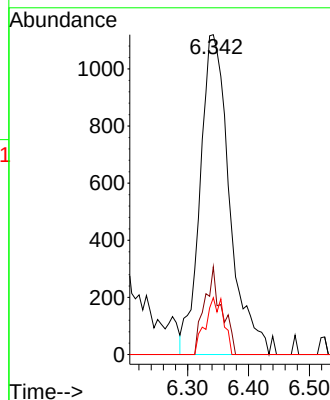
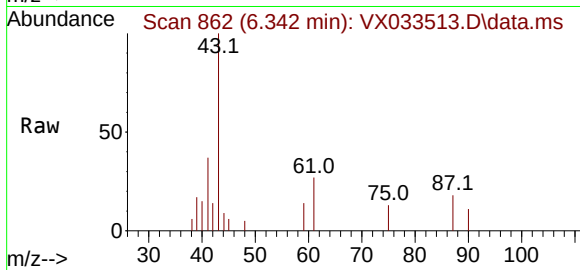




#43
Isopropyl Acetate
Concen: 1.993 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

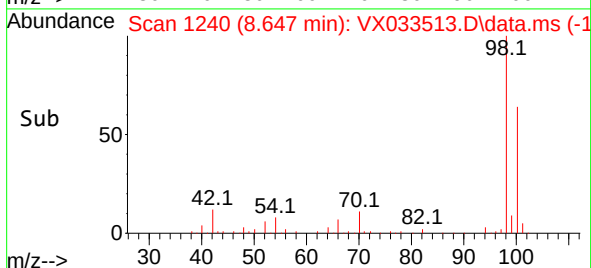
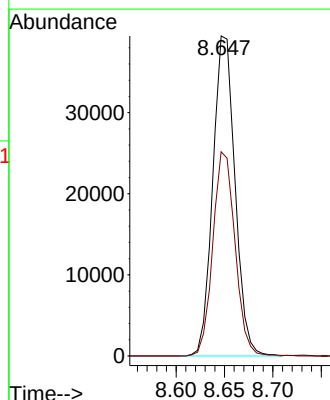
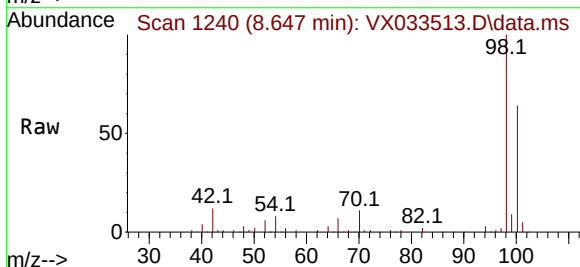
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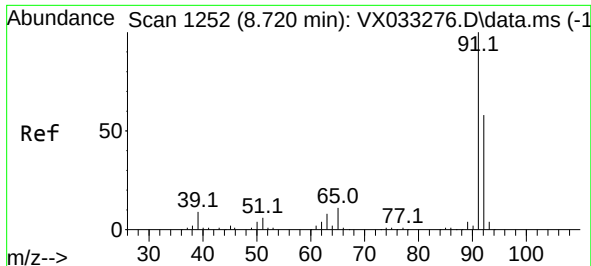
Tgt Ion: 43 Resp: 3781
Ion Ratio Lower Upper
43 100
61 16.1 15.4 23.0
87 11.1 10.8 16.2



#50
Toluene-d8
Concen: 47.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 98 Resp: 62978
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

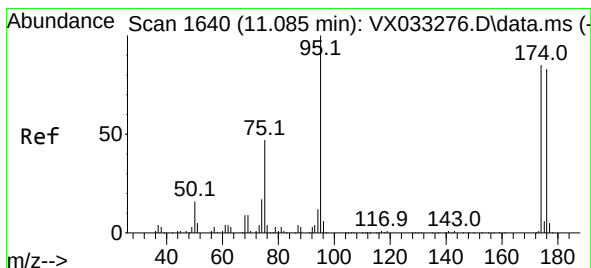
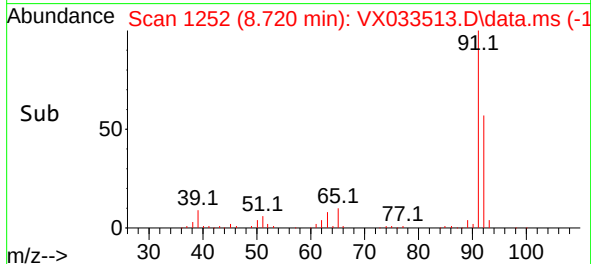
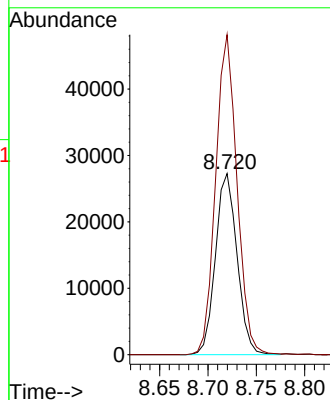
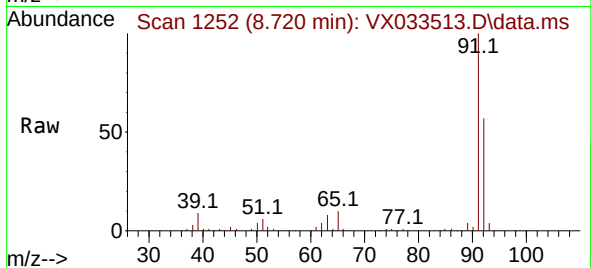




#52
Toluene
Concen: 18.000 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

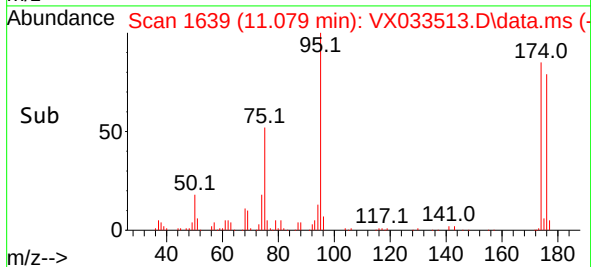
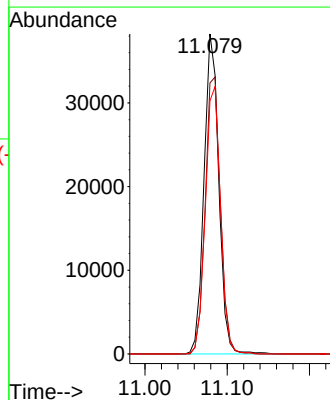
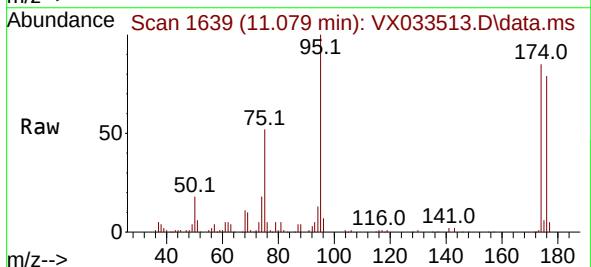
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

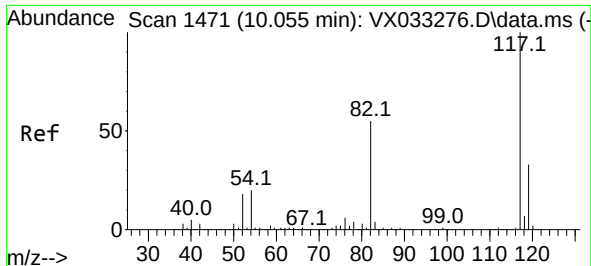
Tgt Ion: 92 Resp: 42324
Ion Ratio Lower Upper
92 100
91 174.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 46.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 95 Resp: 47623
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 86.2 0.0 154.4

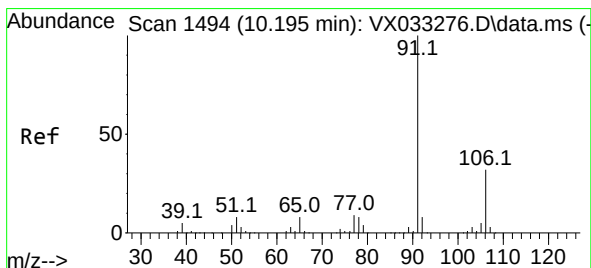
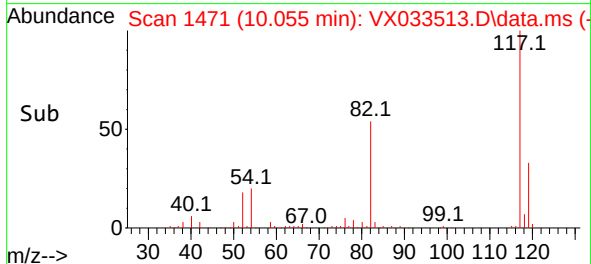
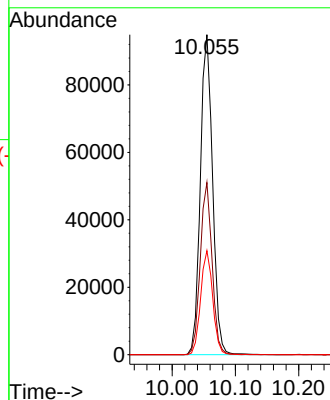
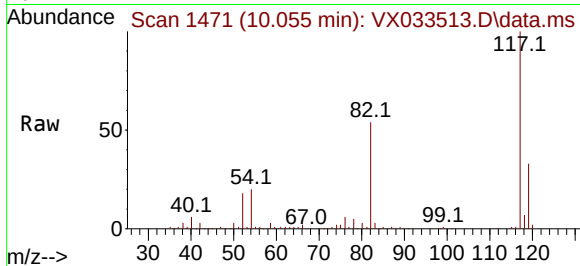




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

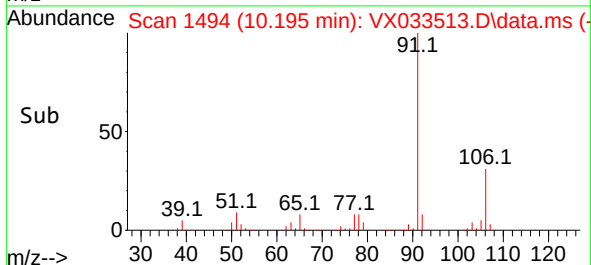
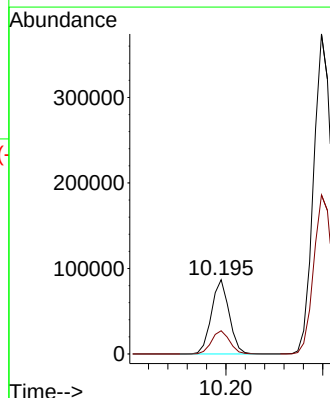
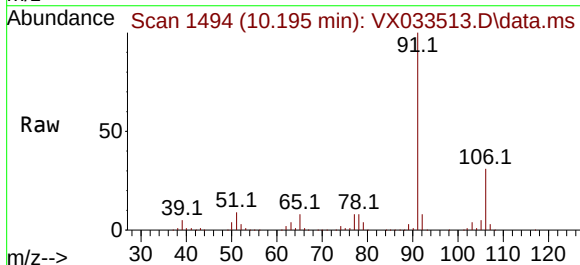
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

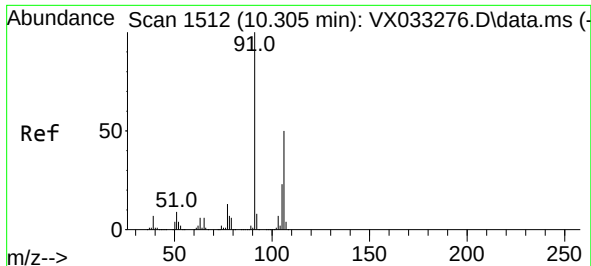
Tgt Ion:117 Resp: 128011
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.5 25.7 38.5



#67
Ethyl Benzene
Concen: 24.449 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion: 91 Resp: 110413
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

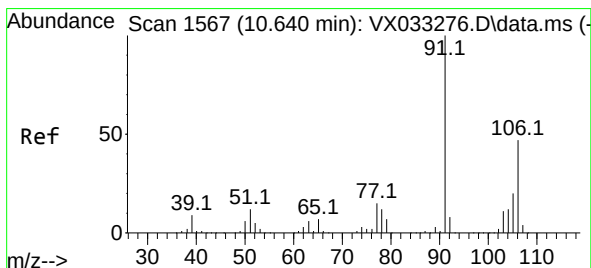
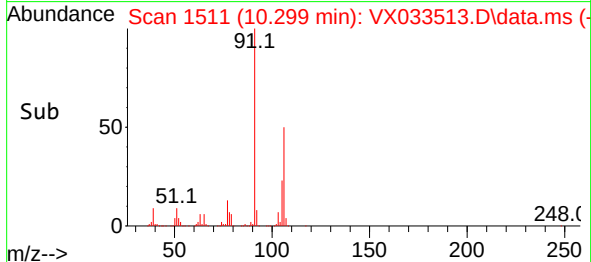
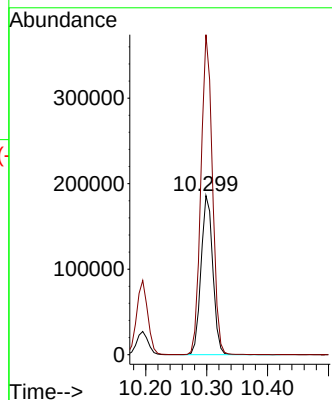
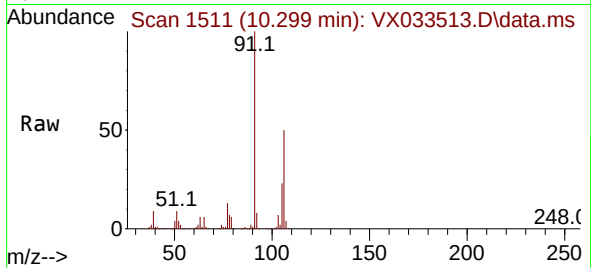




#68
m/p-Xylenes
Concen: 142.188 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

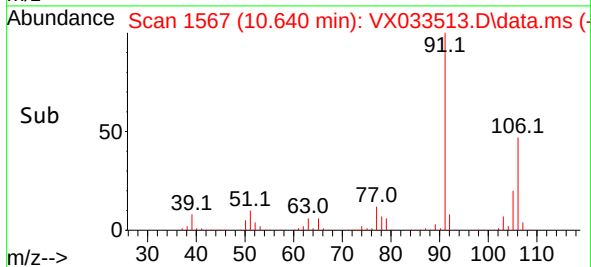
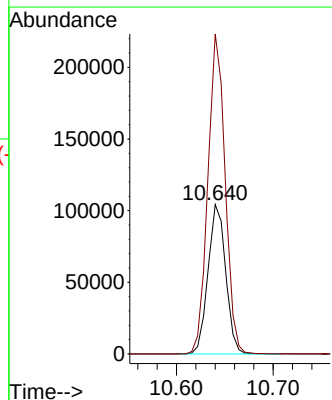
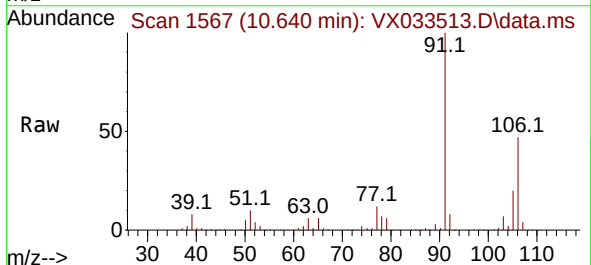
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

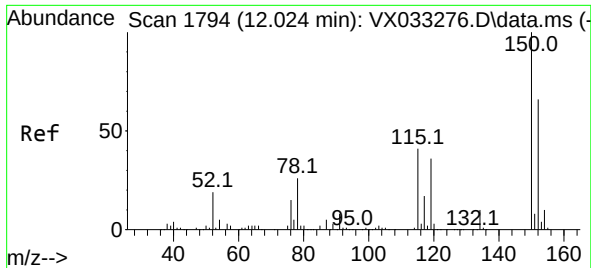
Tgt Ion:106 Resp: 249833
Ion Ratio Lower Upper
106 100
91 197.0 164.5 246.7



#69
o-Xylene
Concen: 76.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033513.D
Acq: 20 Dec 2022 17:12

Tgt Ion:106 Resp: 132604
Ion Ratio Lower Upper
106 100
91 209.7 109.2 327.6

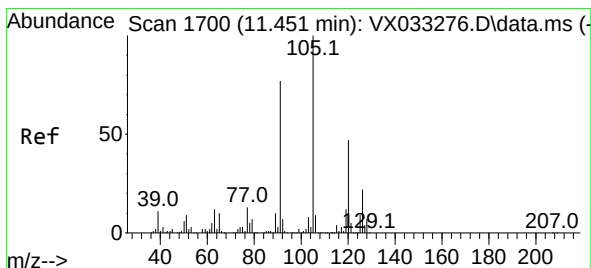
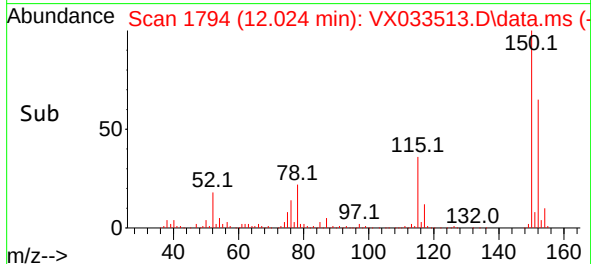
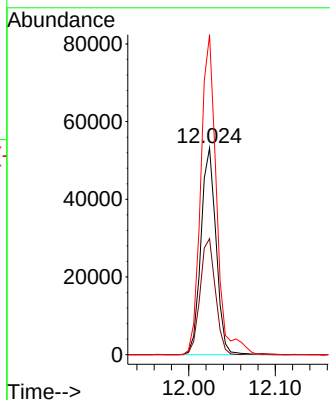
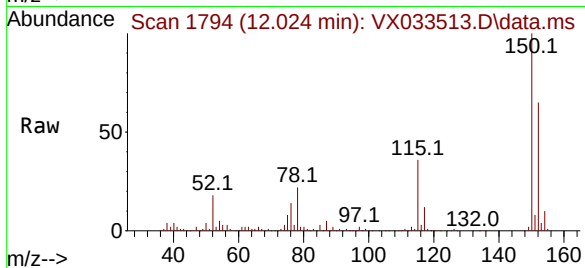




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033513.D
 Acq: 20 Dec 2022 17:12

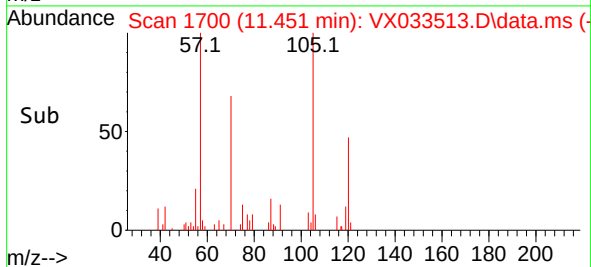
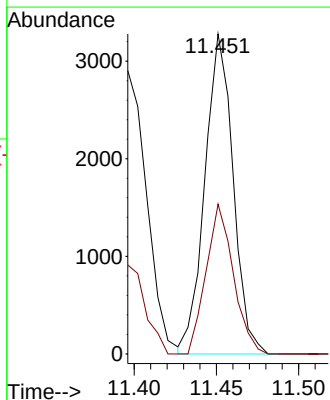
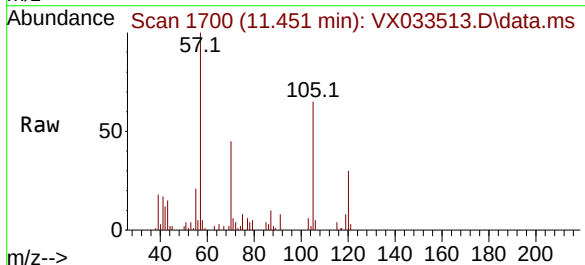
Instrument :
 MSVOA_X
 ClientSampleId :
 PARAM-1

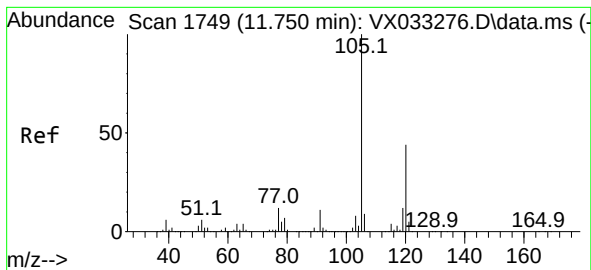
Tgt Ion:152 Resp: 64581
 Ion Ratio Lower Upper
 152 100
 115 56.9 44.0 132.0
 150 160.9 0.0 351.8



#80
 1,3,5-Trimethylbenzene
 Concen: 1.005 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX033513.D
 Acq: 20 Dec 2022 17:12

Tgt Ion:105 Resp: 3914
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 3.603 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033513.D

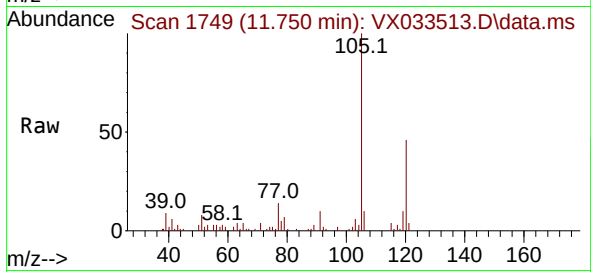
Acq: 20 Dec 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

PARAM-1



Tgt Ion:105 Resp: 14015

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.5

