

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029011.D
 Acq On : 26 May 2022 19:55
 Operator : JC/MD
 Sample : N3059-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4922A

Quant Time: May 27 07:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

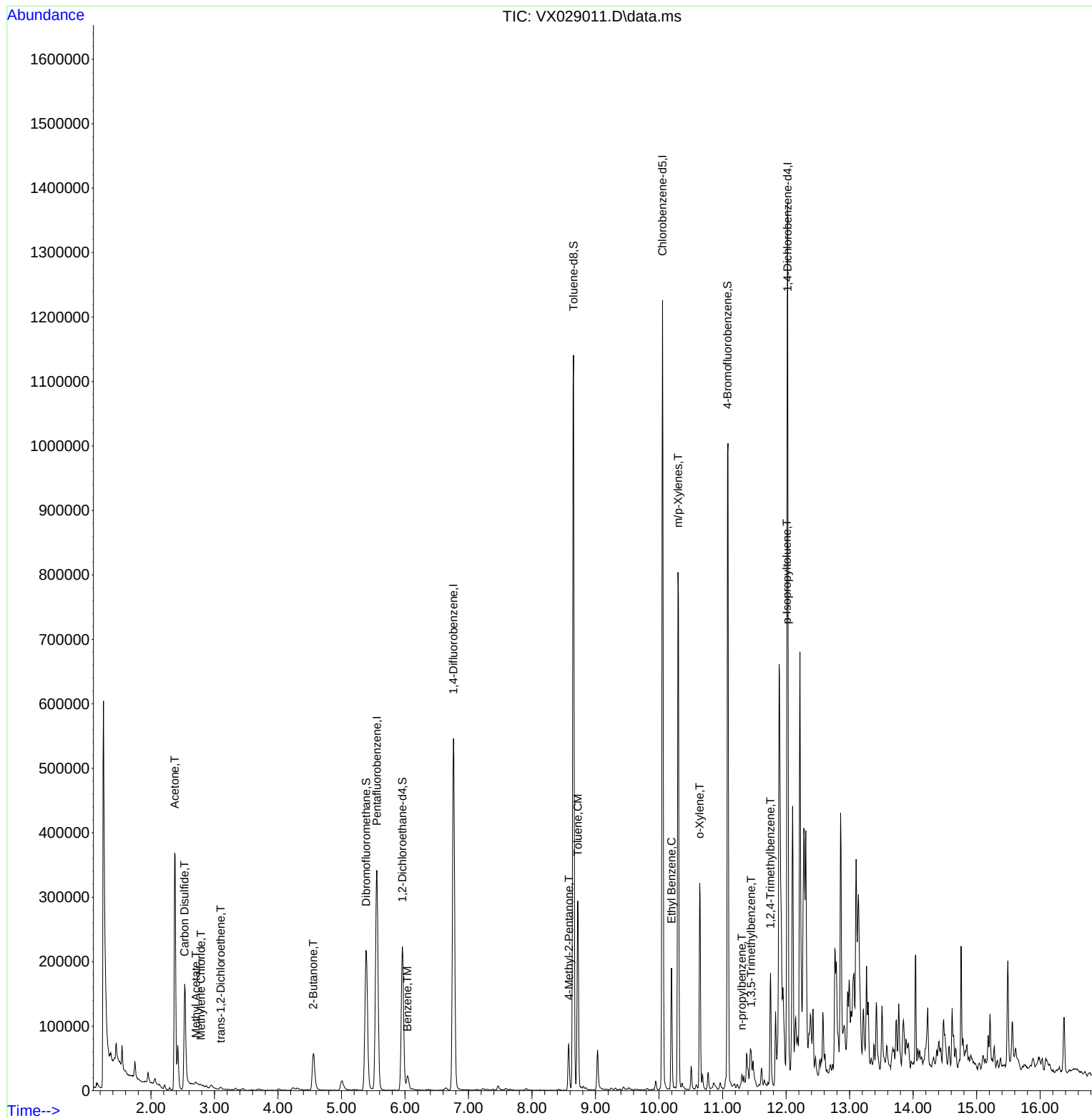
Internal Standards						
1) Pentafluorobenzene	5.556	168	324367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217306	48.873	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.740%
35) Dibromofluoromethane	5.385	113	192396	50.460	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.920%
50) Toluene-d8	8.653	98	696178	48.430	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	284774	53.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.080%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	389630	204.181	ug/l	94
17) Carbon Disulfide	2.526	76	31474	3.617	ug/l	99
18) Methyl Acetate	2.709	43	3988	0.834	ug/l	95
20) Methylene Chloride	2.788	84	968	0.242	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	984	0.260	ug/l #	81
25) 2-Butanone	4.556	43	101154	33.770	ug/l	100
40) Benzene	6.037	78	27512	1.672	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	41449	6.724	ug/l	92
52) Toluene	8.720	92	113492	10.719	ug/l	99
67) Ethyl Benzene	10.195	91	107086	5.002	ug/l	95
68) m/p-Xylenes	10.299	106	193049	23.160	ug/l	98
69) o-Xylene	10.640	106	71094	8.663	ug/l	98
78) n-propylbenzene	11.305	91	10173	0.412	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	15335	0.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	56009	3.139	ug/l	98
86) p-Isopropyltoluene	12.012	119	26053	1.461	ug/l	92

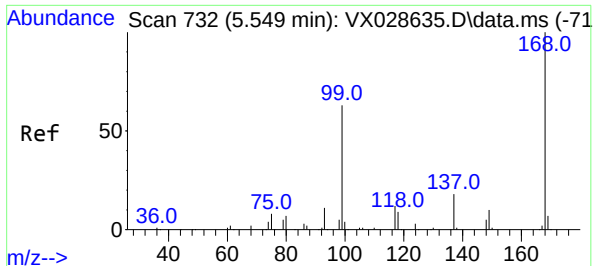
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 07:36:53 2022
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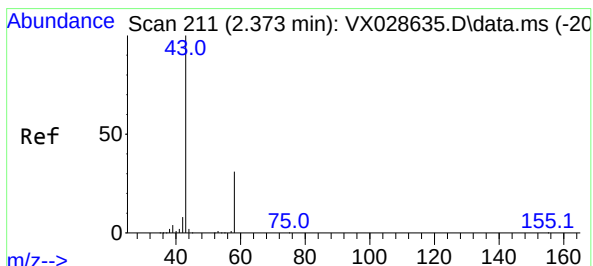
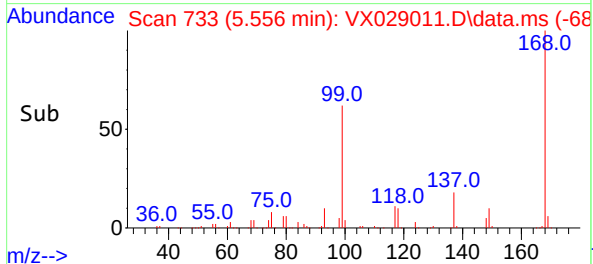
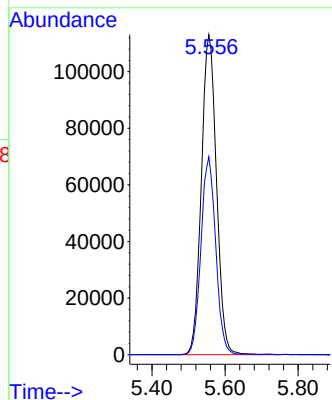
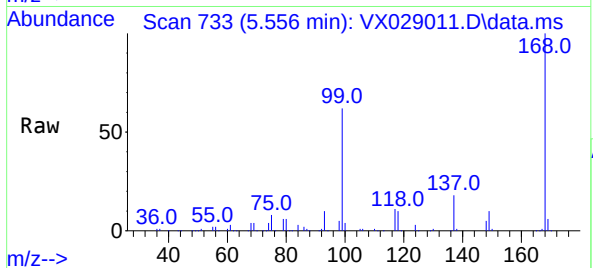




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

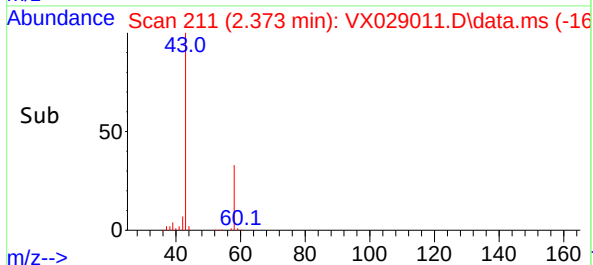
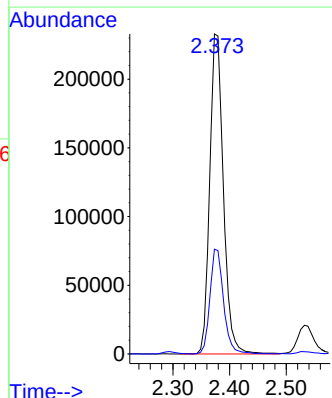
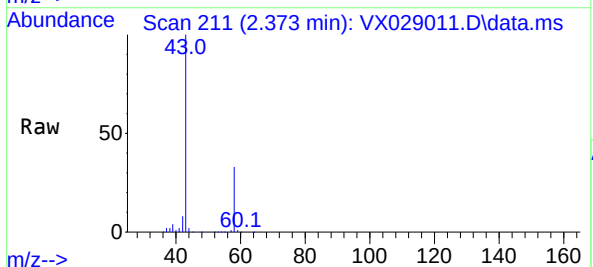
Instrument :
MSVOA_X
ClientSampleId :
4922A

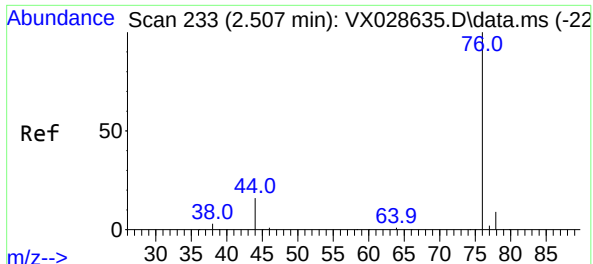
Tgt Ion:168 Resp: 324367
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#16
Acetone
Concen: 204.181 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 43 Resp: 389630
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2

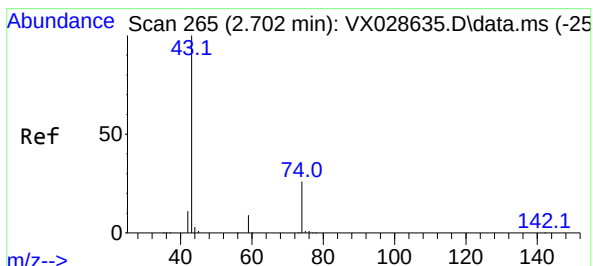
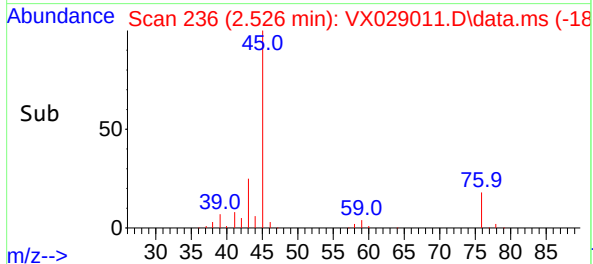
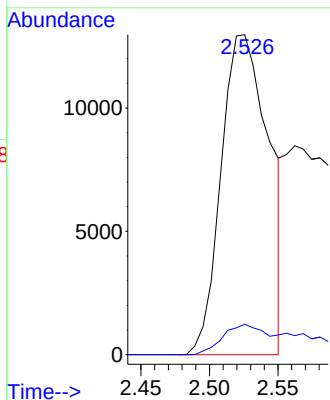
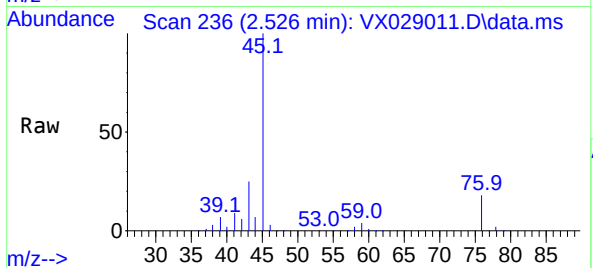




#17
Carbon Disulfide
Concen: 3.617 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

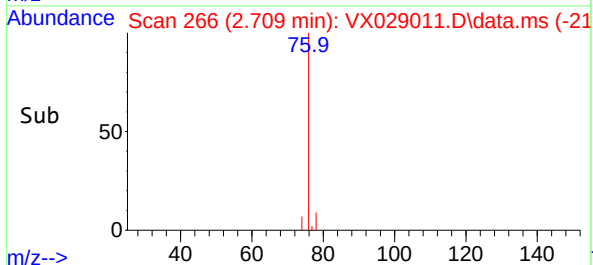
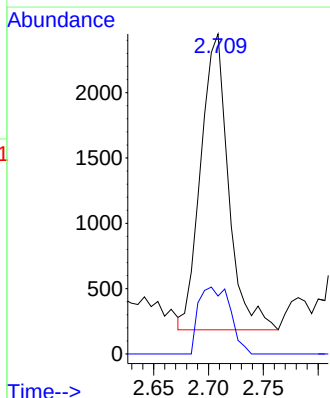
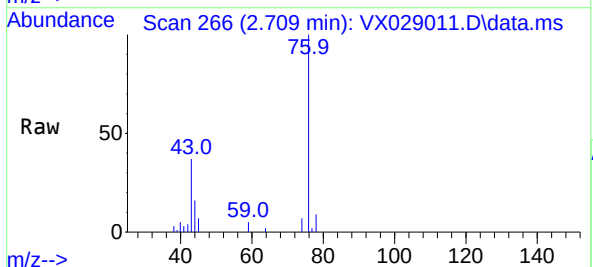
Instrument :
MSVOA_X
ClientSampleId :
4922A

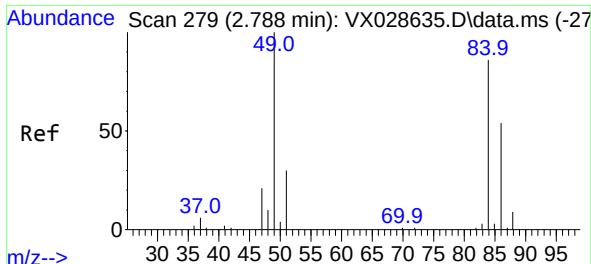
Tgt Ion: 76 Resp: 31474
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.834 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 43 Resp: 3988
Ion Ratio Lower Upper
43 100
74 25.9 22.8 34.2

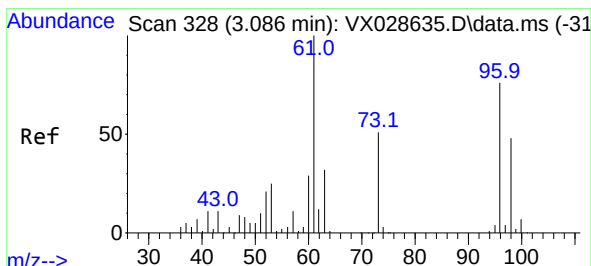
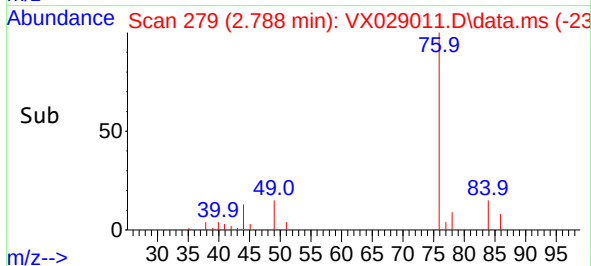
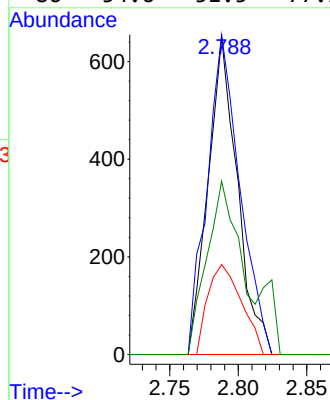
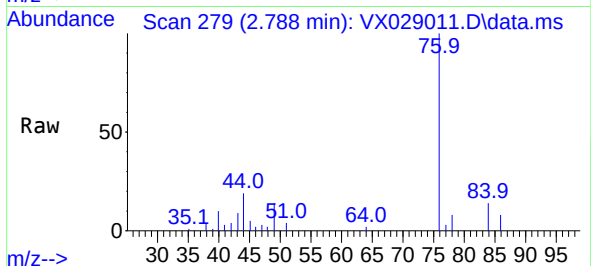




#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

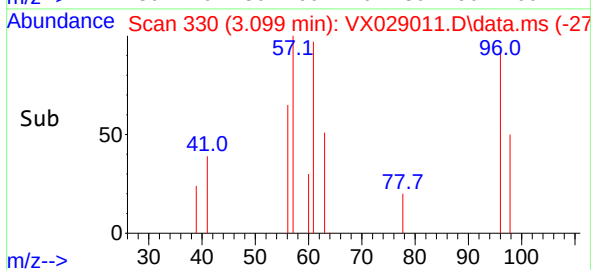
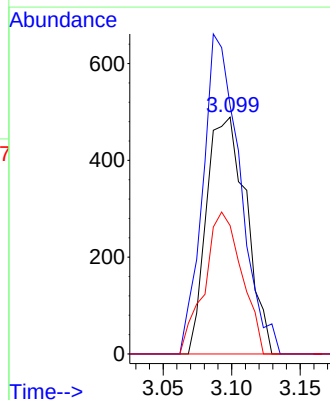
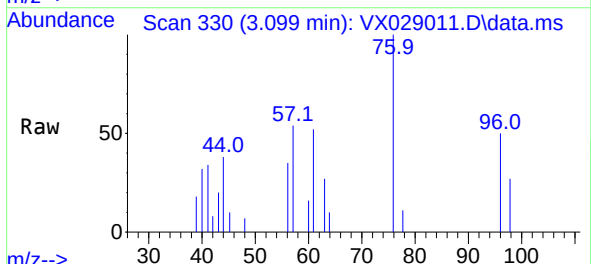
Instrument :
MSVOA_X
ClientSampleId :
4922A

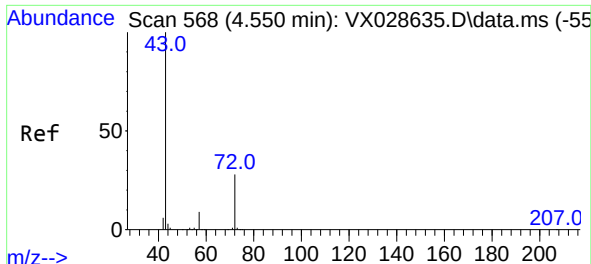
Tgt Ion:	84	Resp:	968
Ion	Ratio	Lower	Upper
84	100		
49	100.8	85.5	128.3
51	28.3	26.6	39.8
86	54.6	51.5	77.3



#21
trans-1,2-Dichloroethene
Concen: 0.260 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.013 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion:	96	Resp:	984
Ion	Ratio	Lower	Upper
96	100		
61	104.9	105.4	158.2#
98	54.2	50.0	75.0

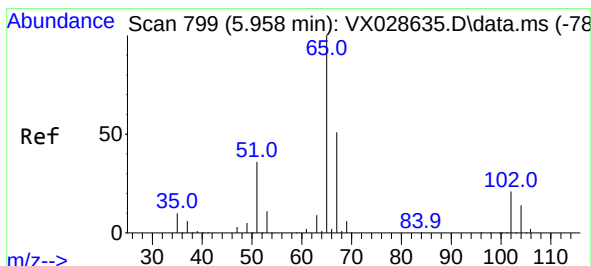
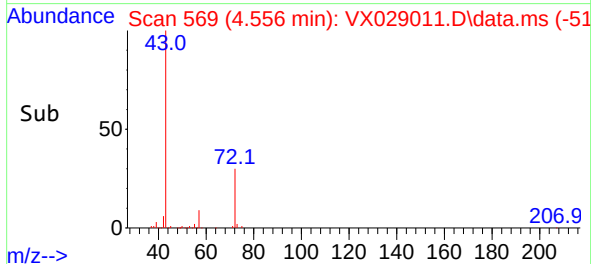
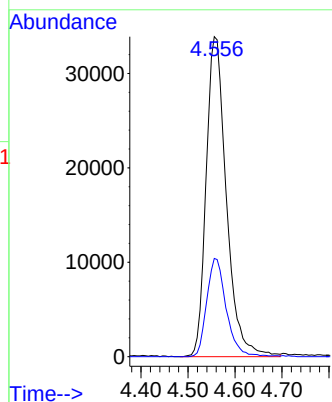
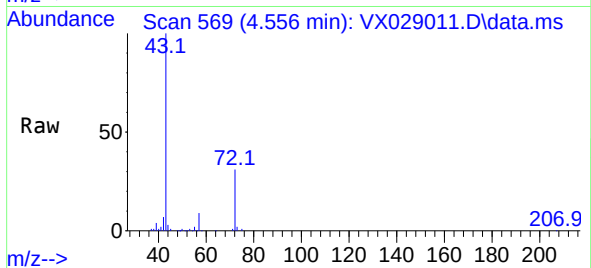




#25
2-Butanone
Concen: 33.770 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

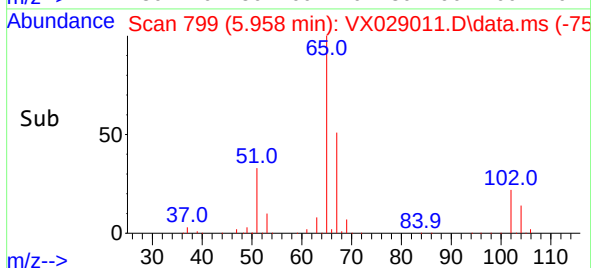
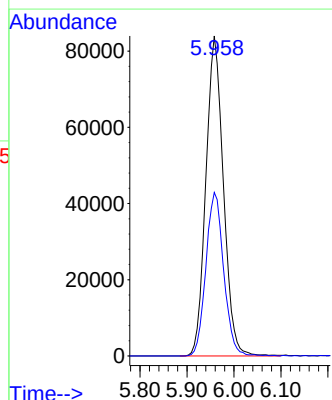
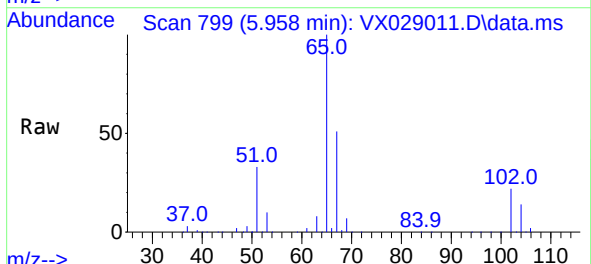
Instrument :
MSVOA_X
ClientSampleId :
4922A

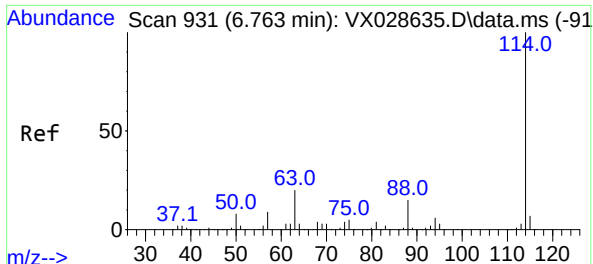
Tgt Ion: 43 Resp: 101154
Ion Ratio Lower Upper
43 100
72 30.7 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 48.873 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 65 Resp: 217306
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

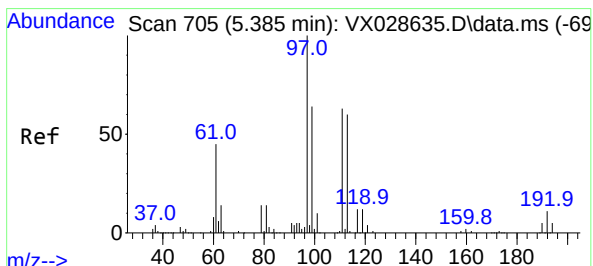
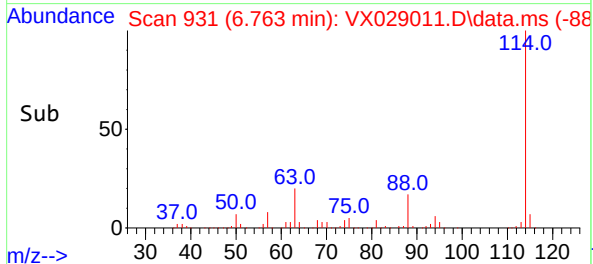
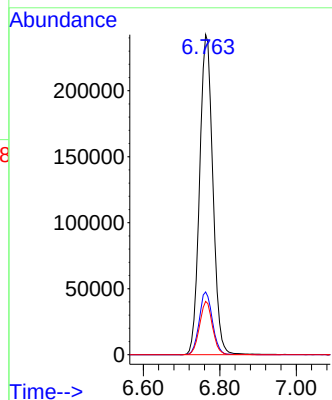
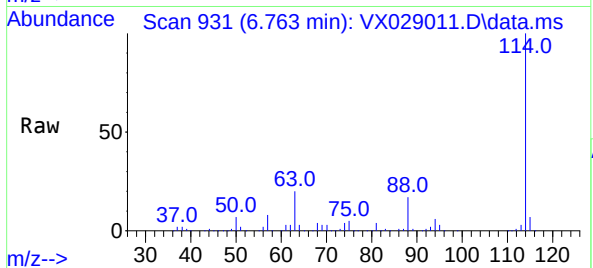




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

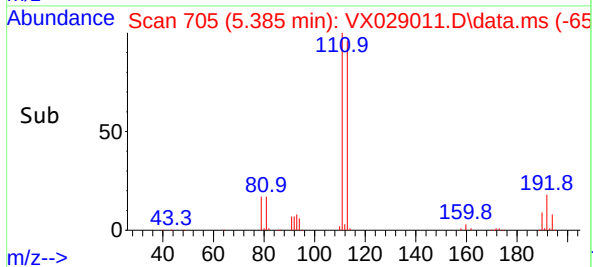
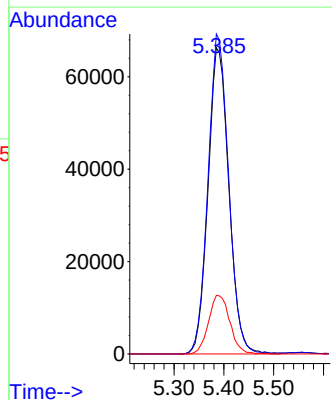
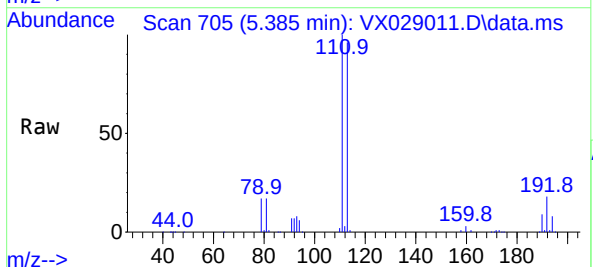
Instrument :
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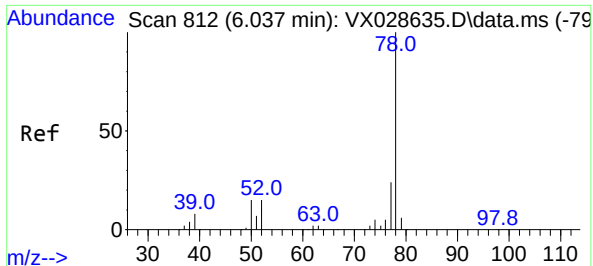
Tgt Ion:114 Resp: 581947
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.460 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion:113 Resp: 192396
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.5 16.9 25.3

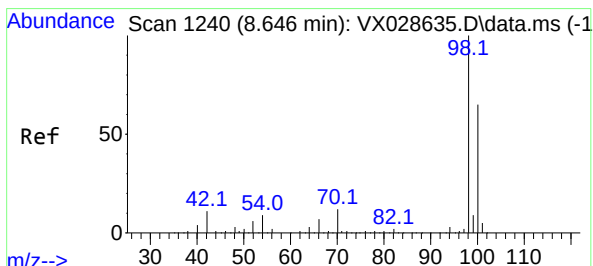
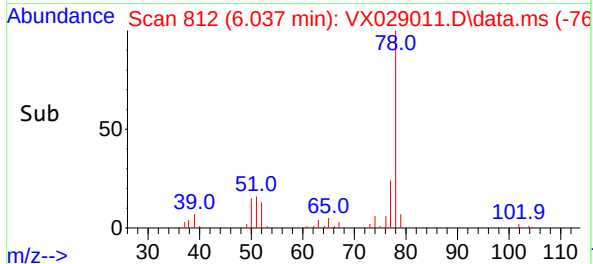
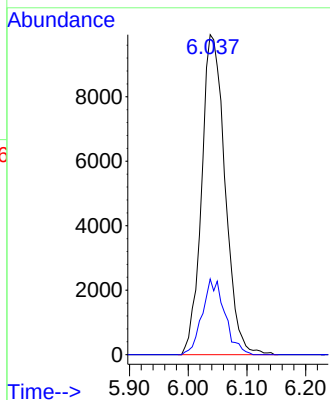
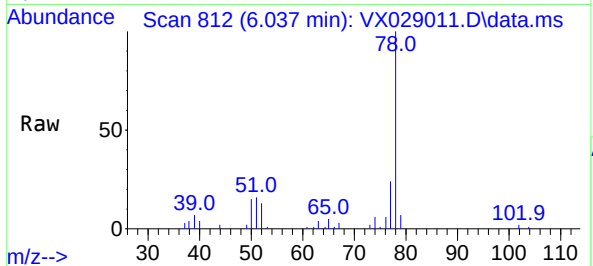




#40
Benzene
Concen: 1.672 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

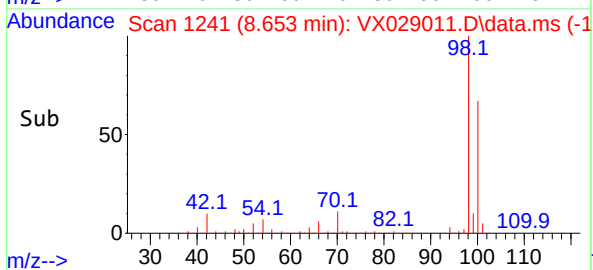
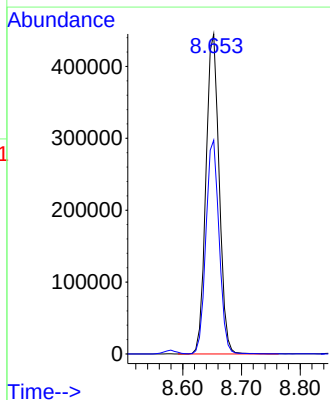
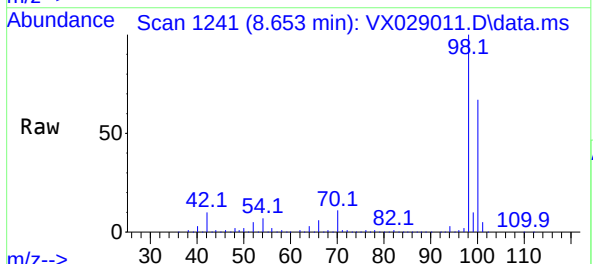
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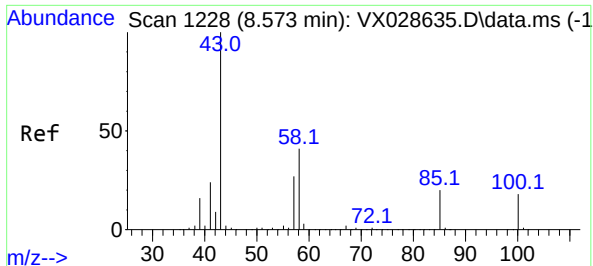
Tgt Ion: 78 Resp: 27512
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#50
Toluene-d8
Concen: 48.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 98 Resp: 696178
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 6.724 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029011.D

Acq: 26 May 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

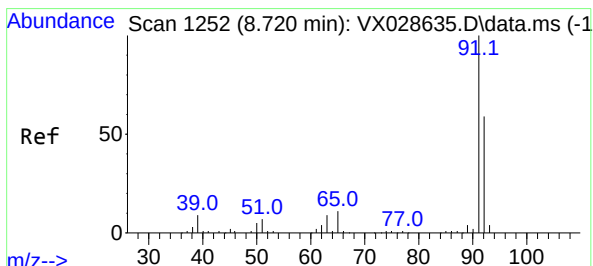
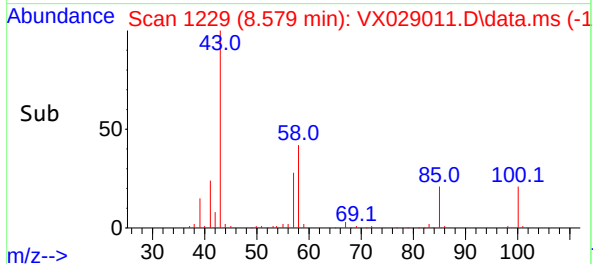
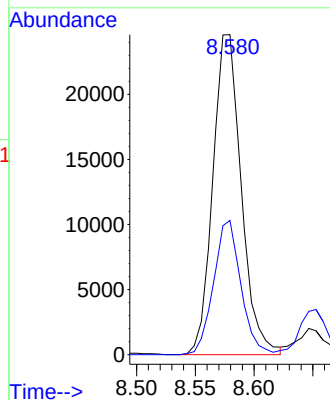
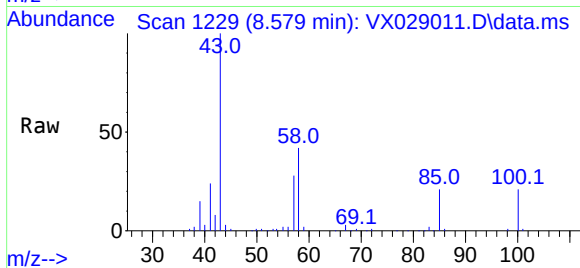
4922A

Tgt Ion: 43 Resp: 41449

Ion Ratio Lower Upper

43 100

58 40.2 36.1 54.1



#52

Toluene

Concen: 10.719 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX029011.D

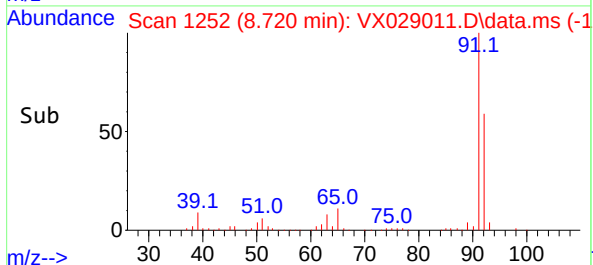
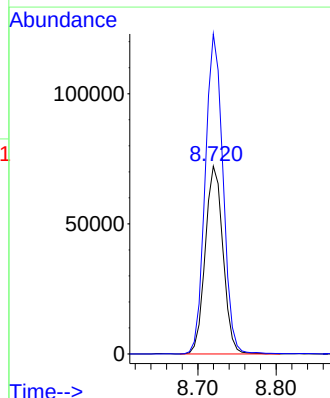
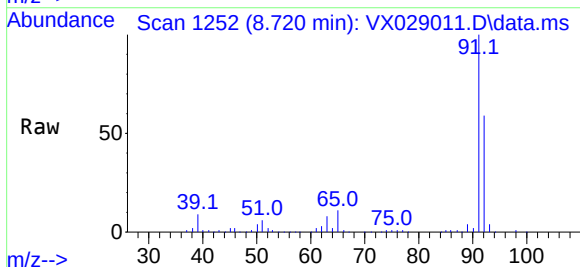
Acq: 26 May 2022 19:55

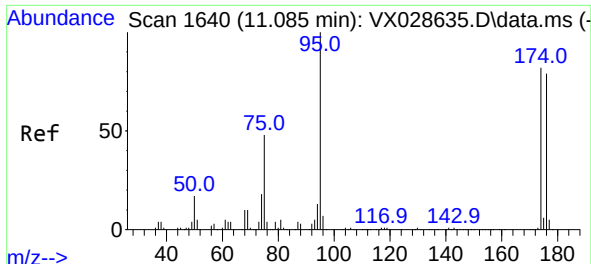
Tgt Ion: 92 Resp: 113492

Ion Ratio Lower Upper

92 100

91 170.5 137.5 206.3

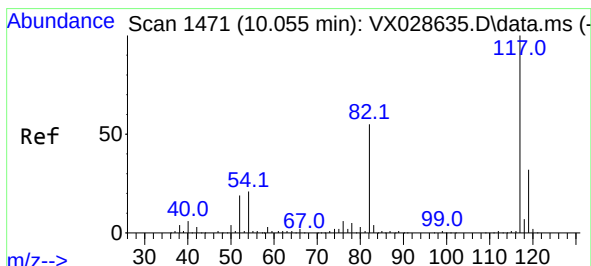
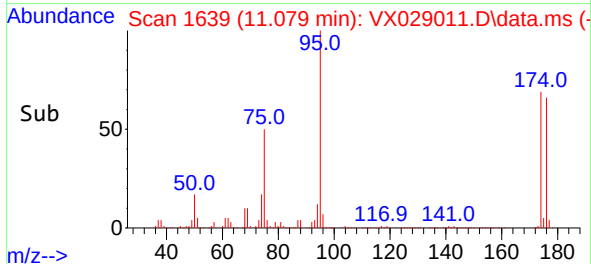
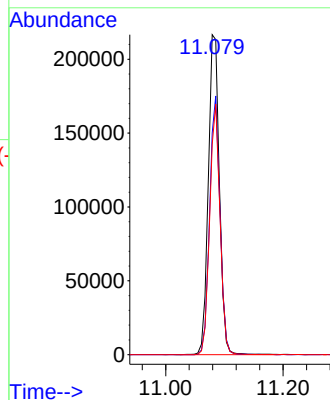
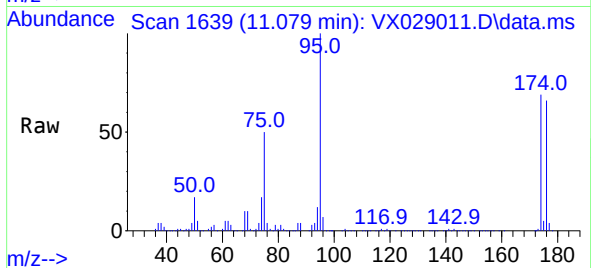




#62
4-Bromofluorobenzene
Concen: 53.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

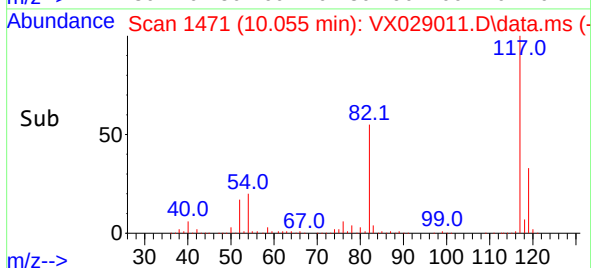
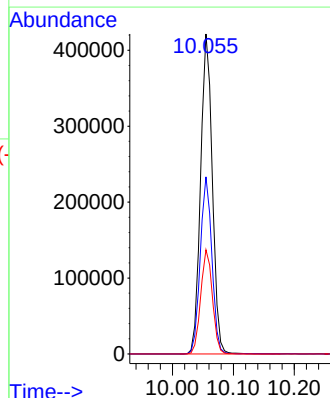
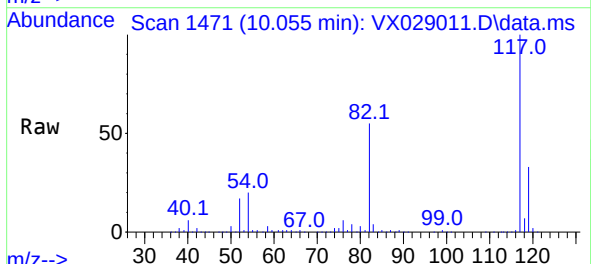
Instrument :
MSVOA_X
ClientSampleId :
4922A

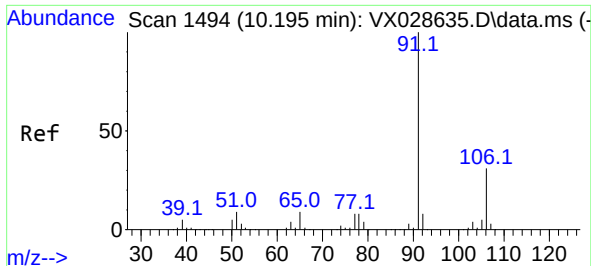
Tgt Ion: 95 Resp: 284774
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 72.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 117 Resp: 563047
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.6 24.8 37.2

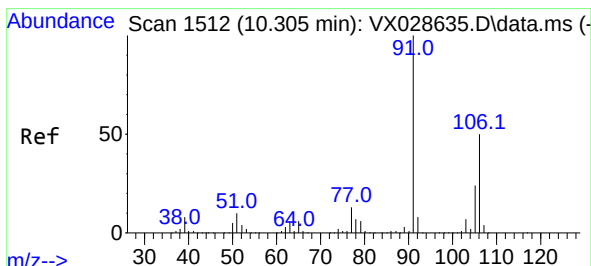
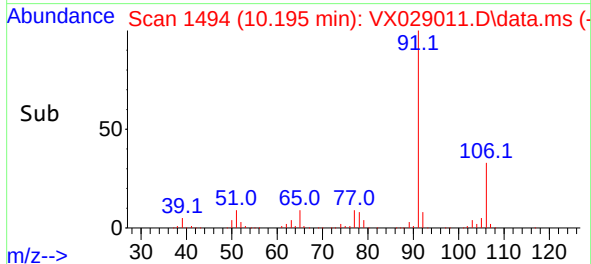
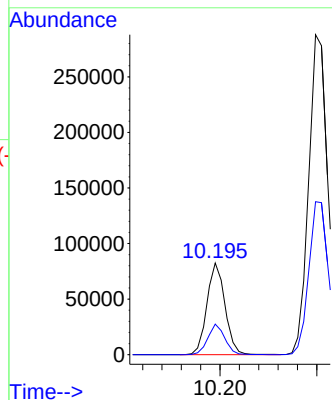
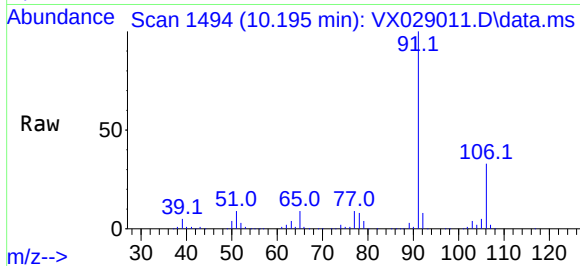




#67
Ethyl Benzene
Concen: 5.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

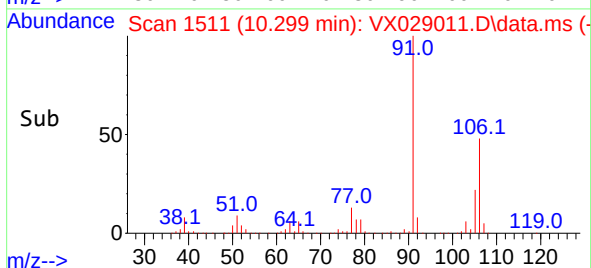
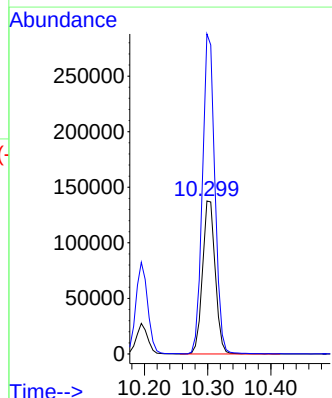
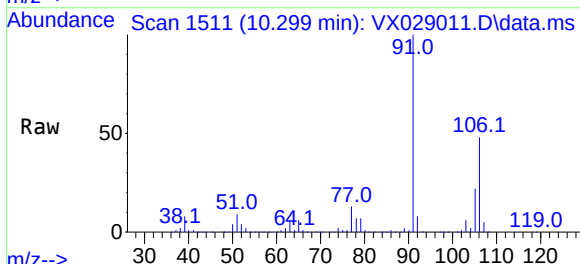
Instrument :
MSVOA_X
ClientSampleId :
4922A

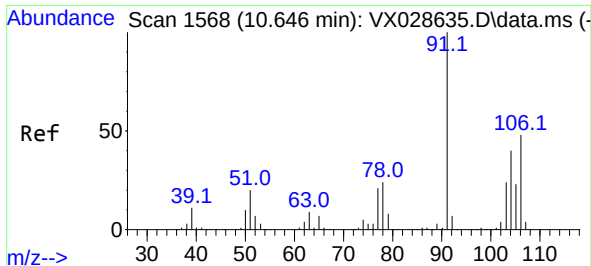
Tgt Ion: 91 Resp: 107086
Ion Ratio Lower Upper
91 100
106 33.3 24.6 36.8



#68
m/p-Xylenes
Concen: 23.160 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 106 Resp: 193049
Ion Ratio Lower Upper
106 100
91 204.2 160.4 240.6

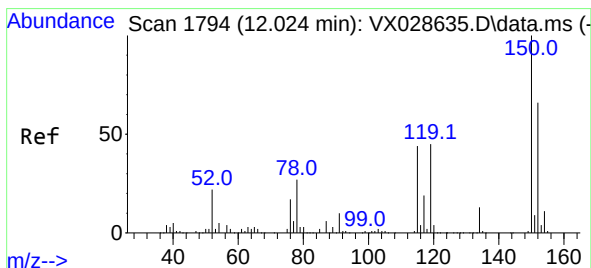
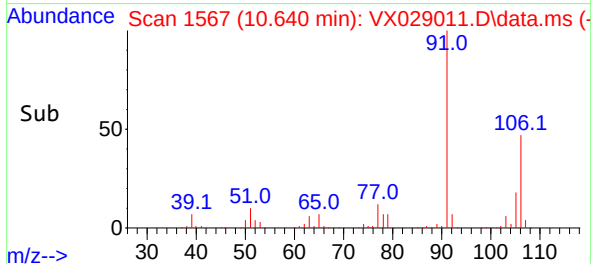
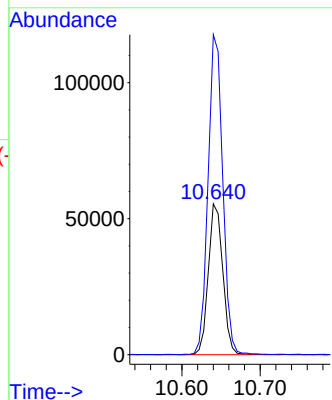
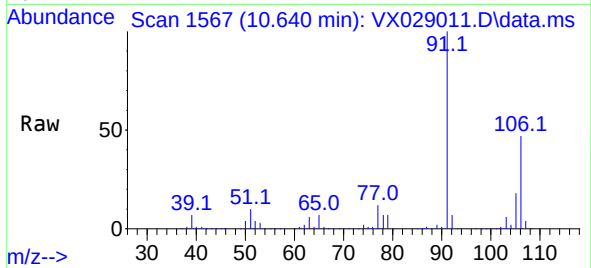




#69
o-Xylene
Concen: 8.663 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

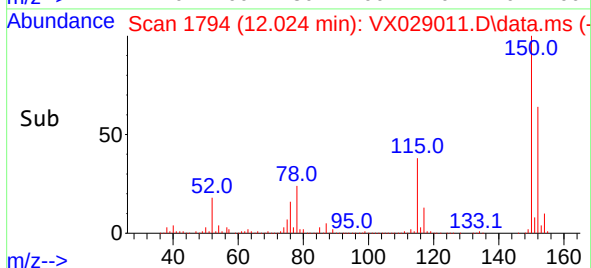
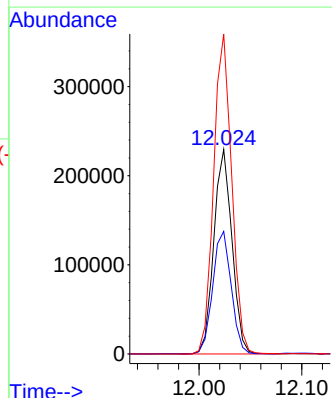
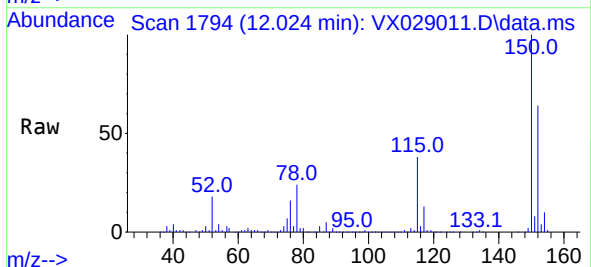
Instrument :
MSVOA_X
ClientSampleId :
4922A

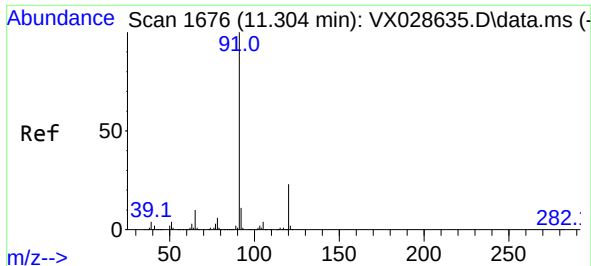
Tgt Ion:106 Resp: 71094
Ion Ratio Lower Upper
106 100
91 215.2 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion:152 Resp: 281620
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 155.9 0.0 338.2

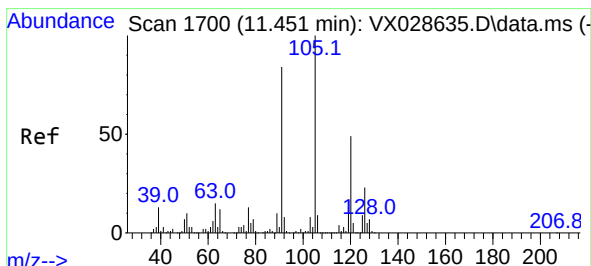
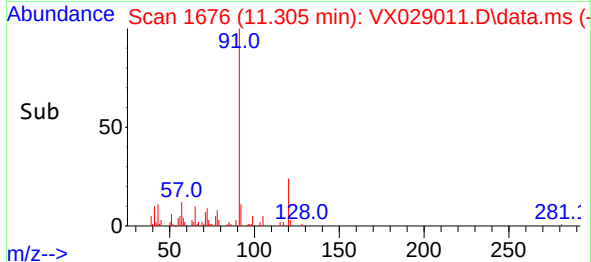
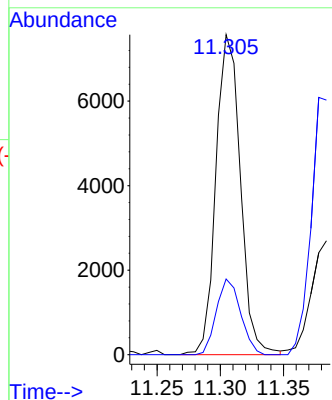
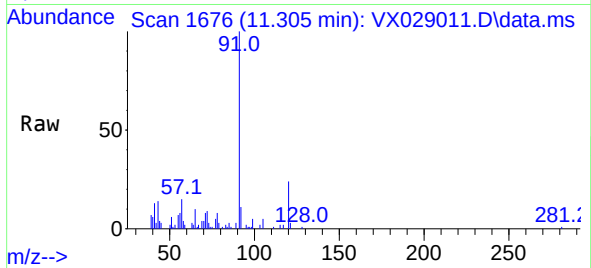




#78
n-propylbenzene
Concen: 0.412 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

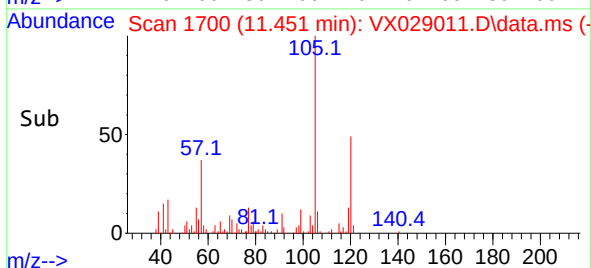
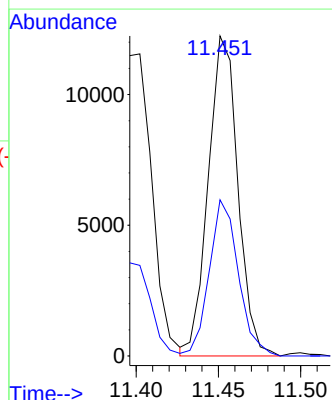
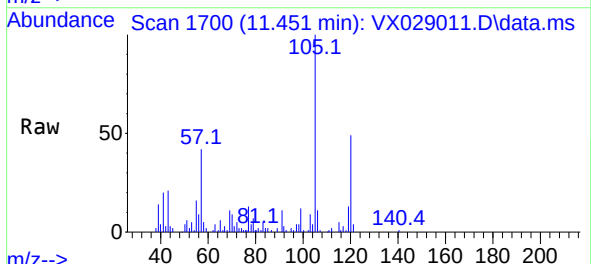
Instrument :
MSVOA_X
ClientSampleId :
4922A

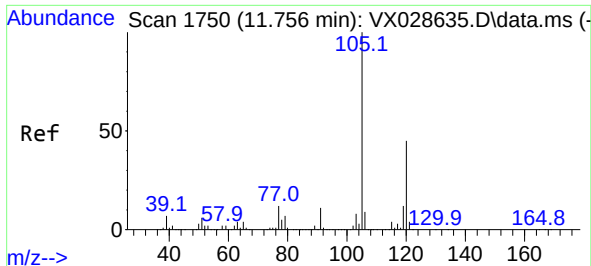
Tgt Ion: 91 Resp: 10173
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.862 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion: 105 Resp: 15335
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9

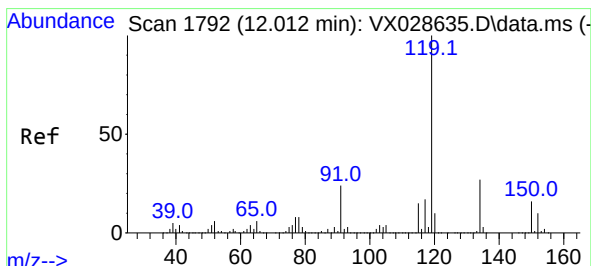
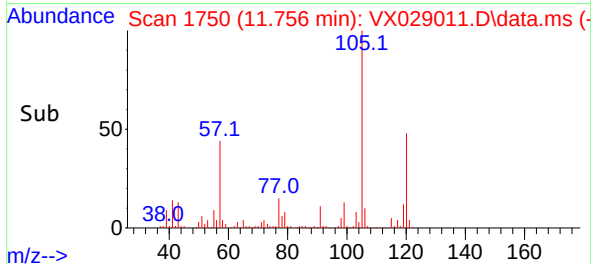
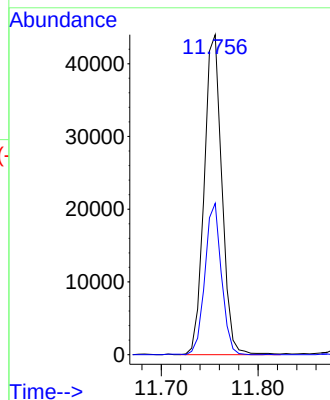
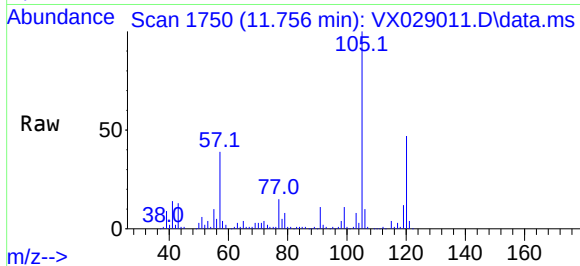




#84
1,2,4-Trimethylbenzene
Concen: 3.139 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
4922A

Tgt Ion:105 Resp: 56009
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.8



#86
p-Isopropyltoluene
Concen: 1.461 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029011.D
Acq: 26 May 2022 19:55

Tgt Ion:119 Resp: 26053
Ion Ratio Lower Upper
119 100
134 29.1 13.0 39.0
91 28.0 11.3 33.9

