

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029826.D
 Acq On : 27 Jun 2022 19:14
 Operator : JC/MD
 Sample : N3202-06DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

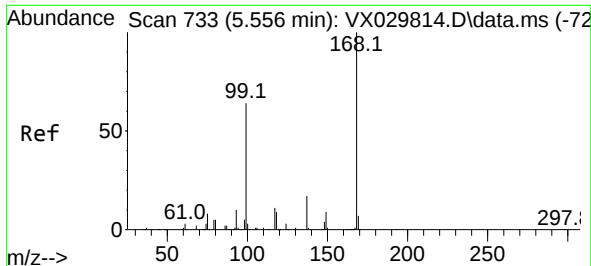
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Jun 28 10:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158557	50.700	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.400%			
35) Dibromofluoromethane	5.385	113	130563	46.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.580%			
50) Toluene-d8	8.653	98	523871	47.939	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.085	95	183432	45.900	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.800%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	37231	34.792	ug/l	99
16) Acetone	2.386	43	7821	5.246	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	51455	6.045	ug/l	98
20) Methylene Chloride	2.788	84	3131	1.015	ug/l #	84
25) 2-Butanone	4.581	43	3142	1.241	ug/l	96
40) Benzene	6.044	78	59857	4.665	ug/l	96
52) Toluene	8.720	92	130922	17.191	ug/l	98
67) Ethyl Benzene	10.195	91	36382	2.538	ug/l	91
68) m/p-Xylenes	10.305	106	222343	41.231	ug/l	99
69) o-Xylene	10.647	106	208813	39.171	ug/l	95
78) n-propylbenzene	11.305	91	5597	0.355	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	176071	16.200	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	251343	22.930	ug/l	99
95) Naphthalene	13.780	128	40316	3.012	ug/l	99

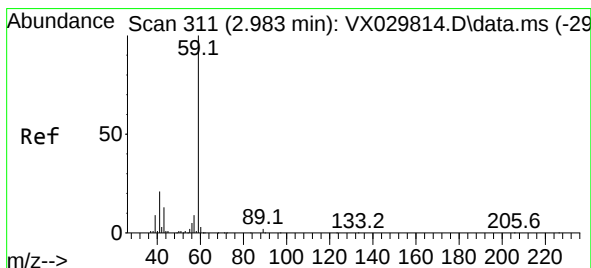
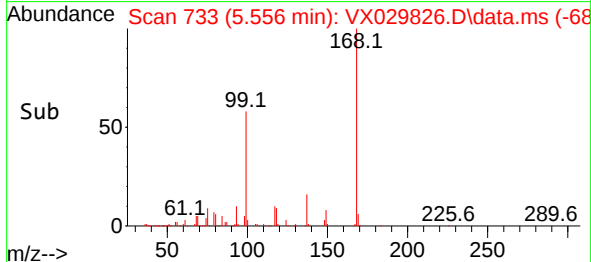
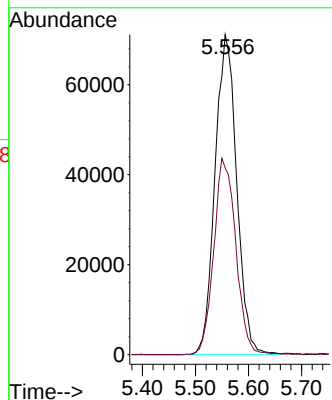
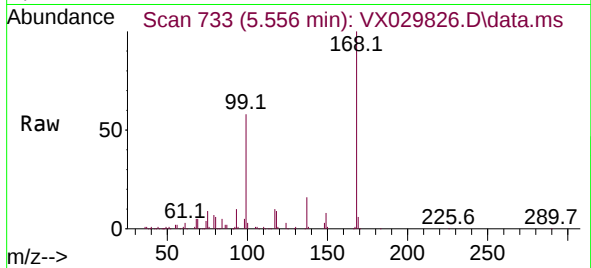
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029826.D
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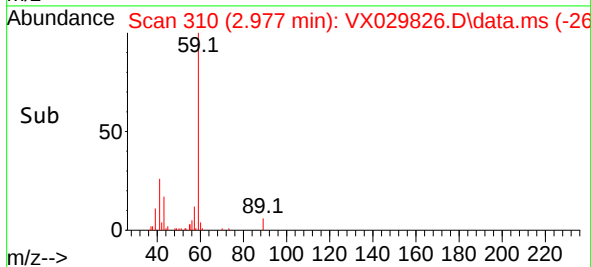
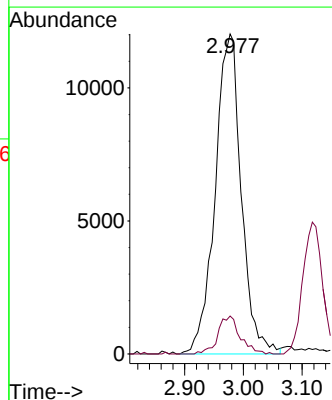
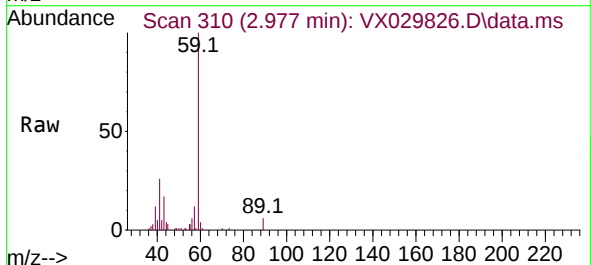
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

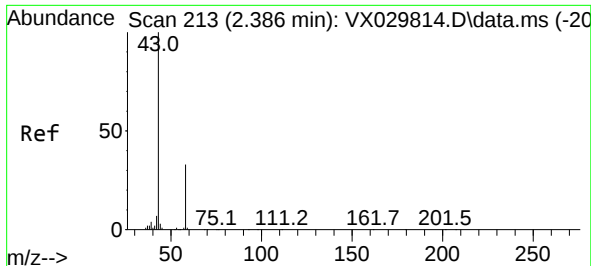
Tgt Ion:168 Resp: 201861
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 34.792 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion: 59 Resp: 37231
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

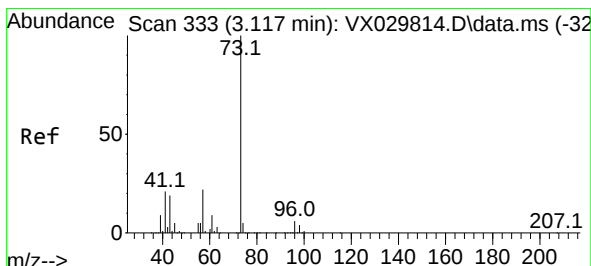
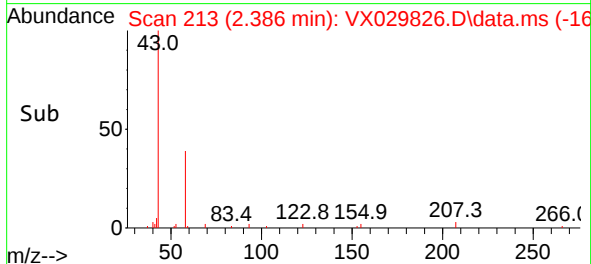
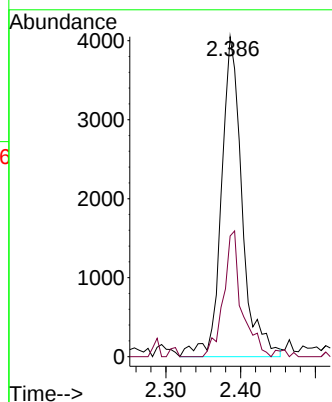
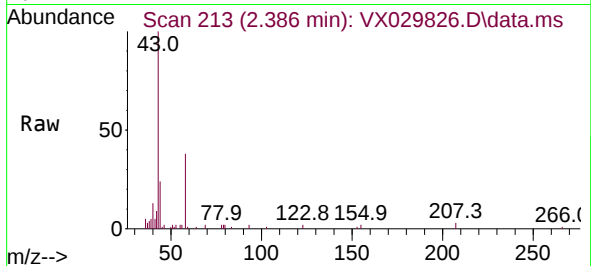




#16
 Acetone
 Concen: 5.246 ug/l
 RT: 2.386 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX029826.D
 Acq: 27 Jun 2022 19:14

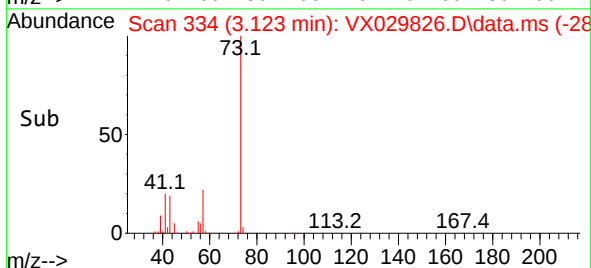
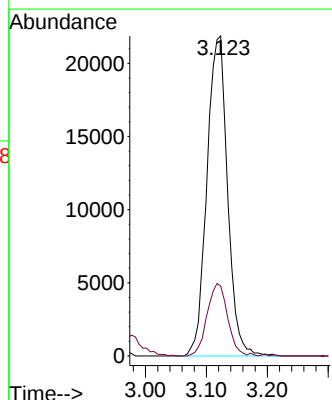
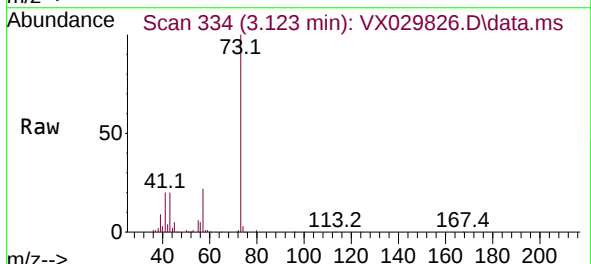
Instrument :
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 ClientSampleId :
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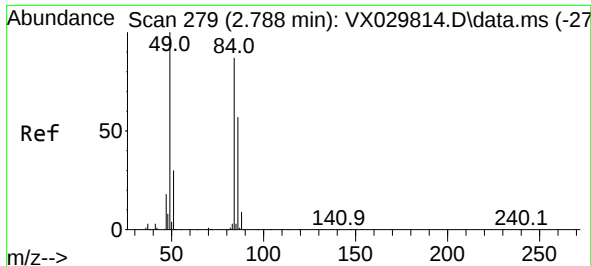
Tgt Ion: 43 Resp: 7821
 Ion Ratio Lower Upper
 43 100
 58 37.7 28.8 43.2



#19
 Methyl tert-butyl Ether
 Concen: 6.045 ug/l
 RT: 3.123 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VX029826.D
 Acq: 27 Jun 2022 19:14

Tgt Ion: 73 Resp: 51455
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.8 25.2

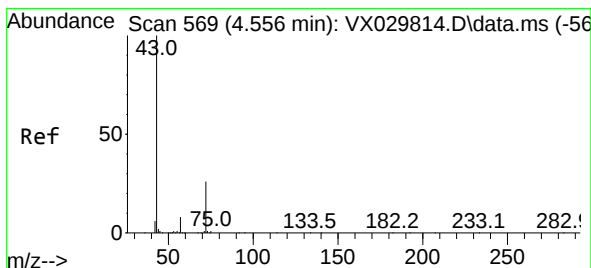
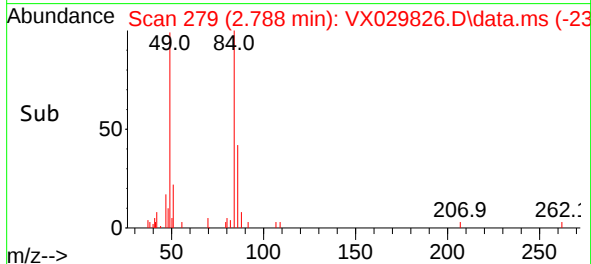
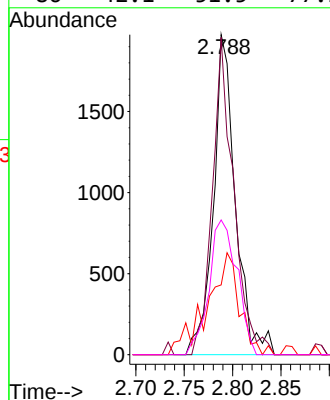
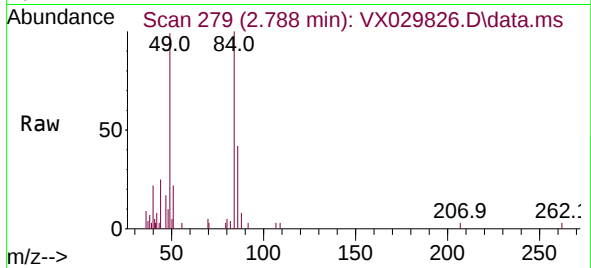




#20
Methylene Chloride
Concen: 1.015 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

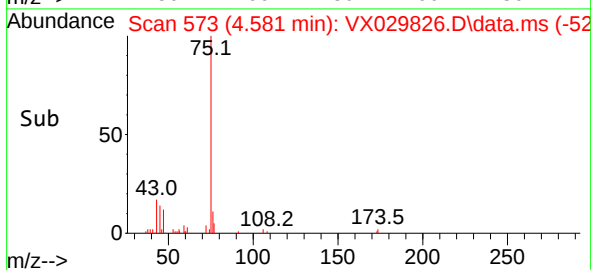
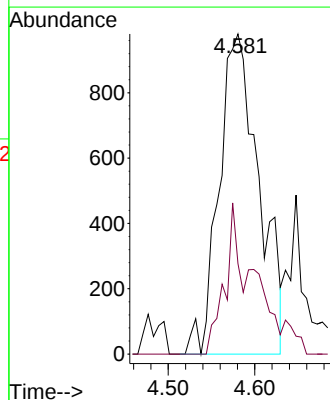
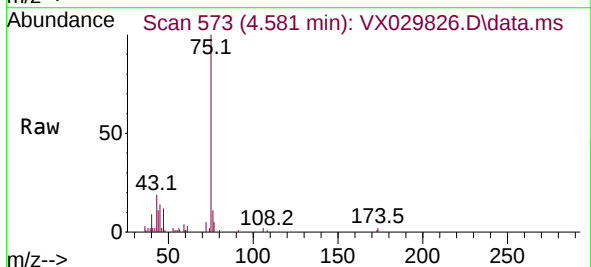
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

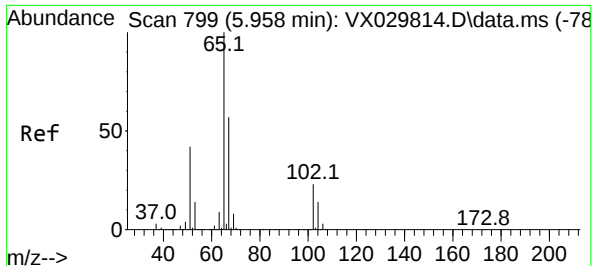
Tgt Ion:	84	Resp:	3131
Ion	Ratio	Lower	Upper
84	100		
49	99.1	85.5	128.3
51	21.8	26.6	39.8#
86	42.1	51.5	77.3#



#25
2-Butanone
Concen: 1.241 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion:	43	Resp:	3142
Ion	Ratio	Lower	Upper
43	100		
72	28.3	24.4	36.6





#33

1,2-Dichloroethane-d4

Concen: 50.700 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029826.D

Acq: 27 Jun 2022 19:14

Instrument :

MSVOA_X

ClientSampleId :

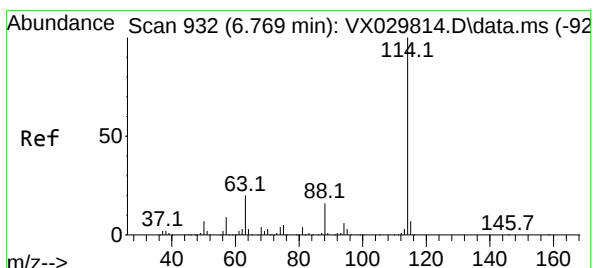
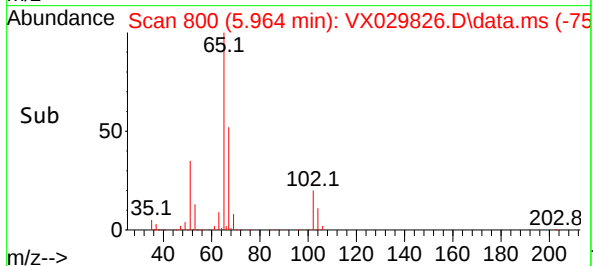
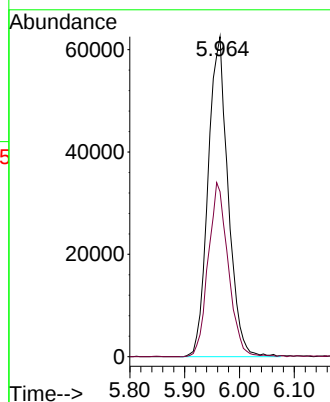
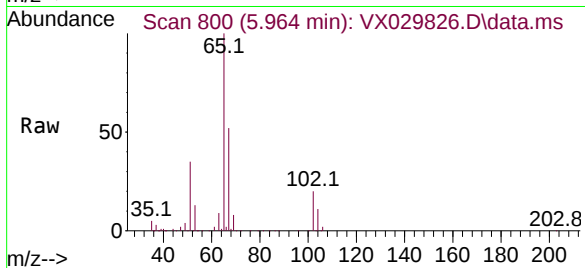
MW-28DL

Tgt Ion: 65 Resp: 158557

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX029826.D

Acq: 27 Jun 2022 19:14

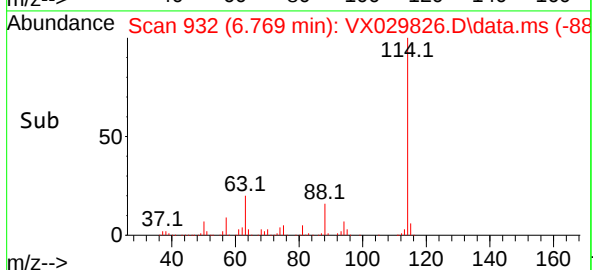
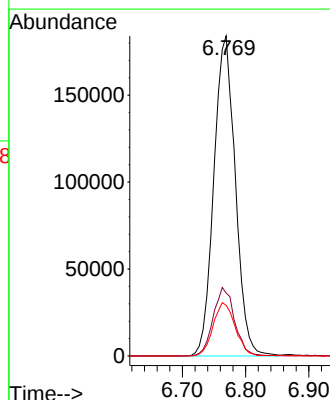
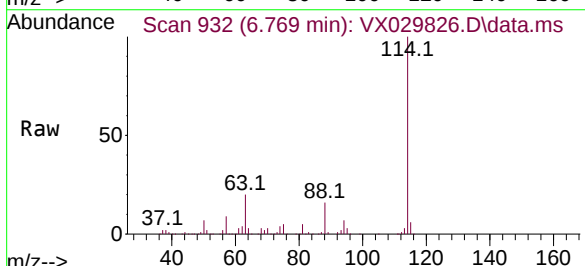
Tgt Ion: 114 Resp: 434387

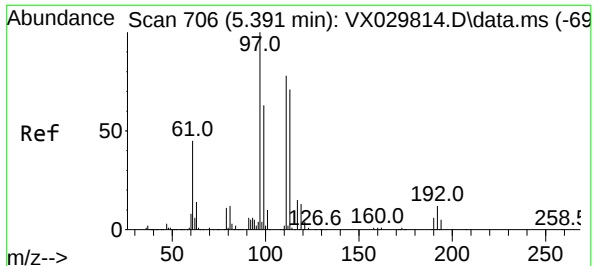
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 15.9 0.0 32.4

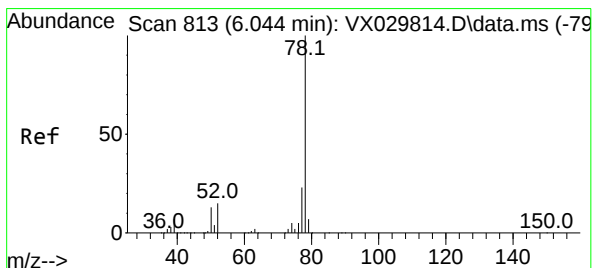
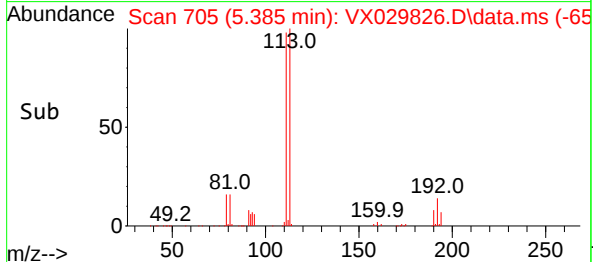
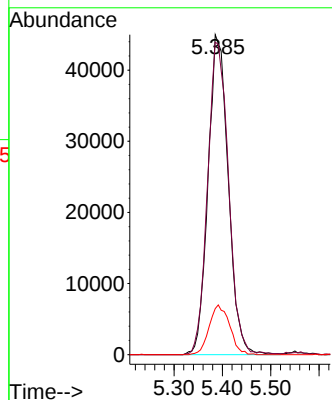
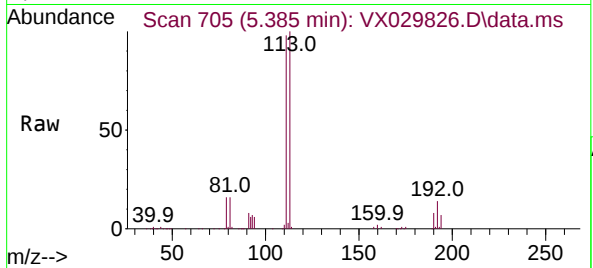




#35
Dibromofluoromethane
Concen: 46.789 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

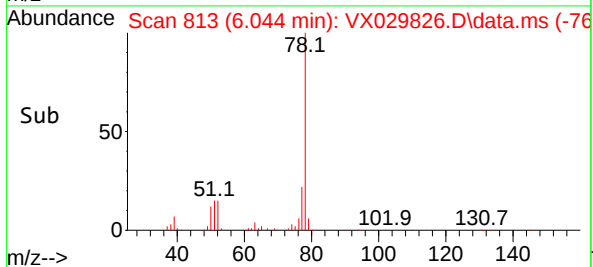
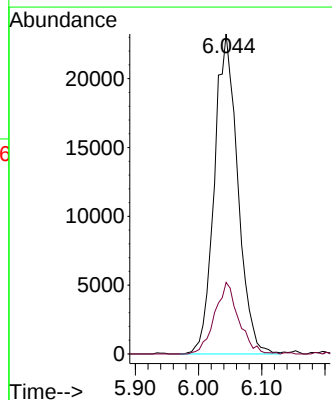
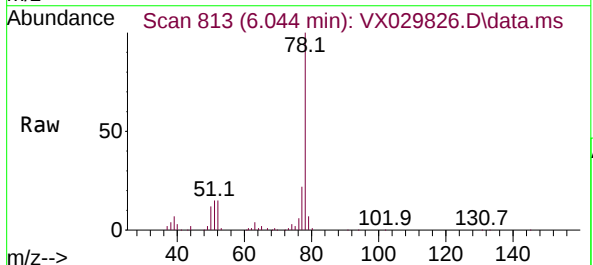
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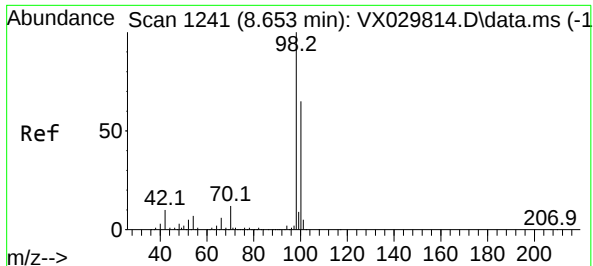
Tgt Ion:113 Resp: 130563
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 15.8 16.9 25.3#



#40
Benzene
Concen: 4.665 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion: 78 Resp: 59857
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9

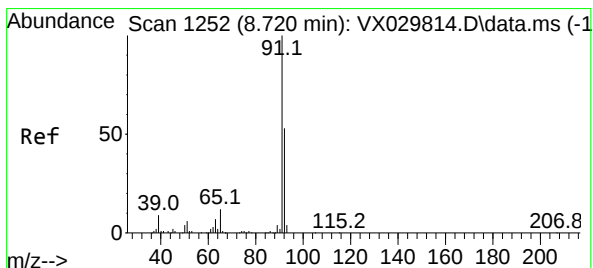
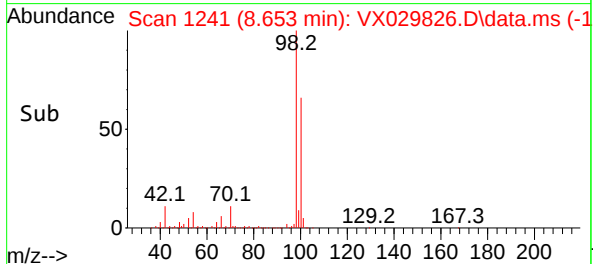
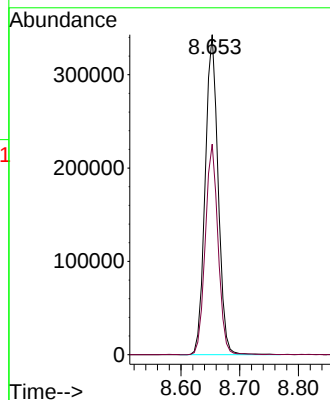
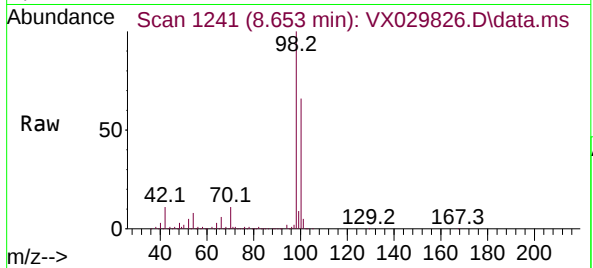




#50
Toluene-d8
Concen: 47.939 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

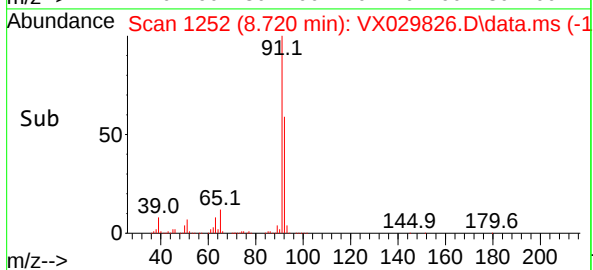
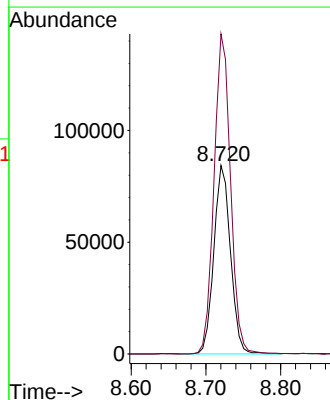
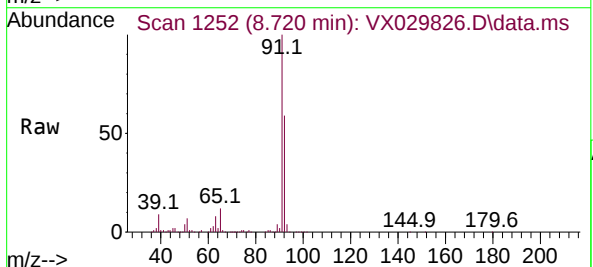
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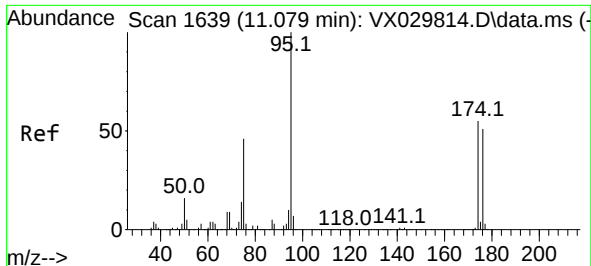
Tgt Ion: 98 Resp: 523871
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#52
Toluene
Concen: 17.191 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion: 92 Resp: 130922
Ion Ratio Lower Upper
92 100
91 168.7 137.5 206.3

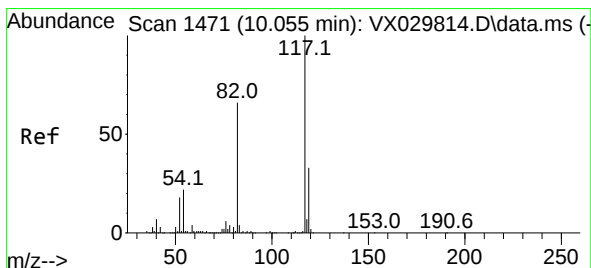
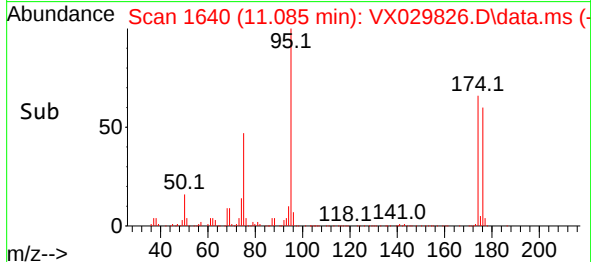
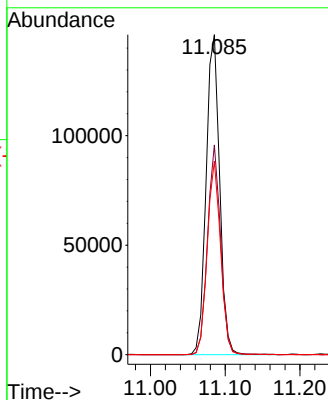
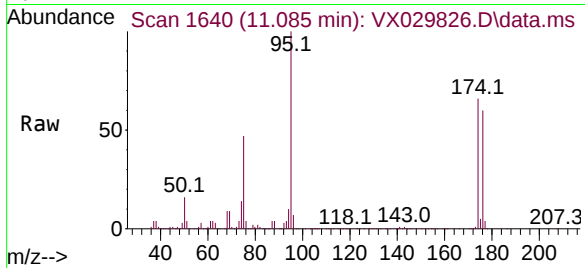




#62
4-Bromofluorobenzene
Concen: 45.900 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

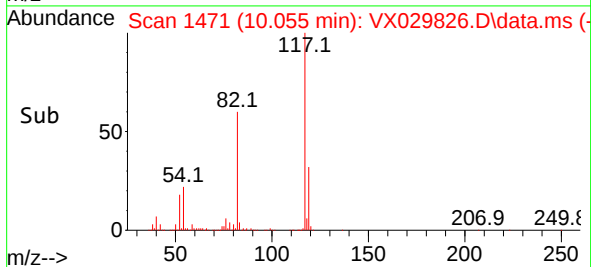
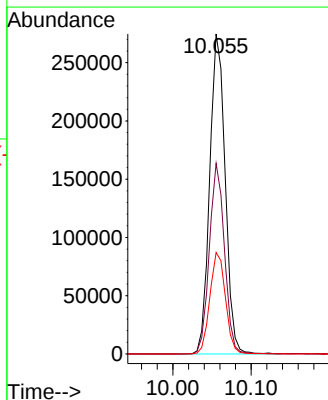
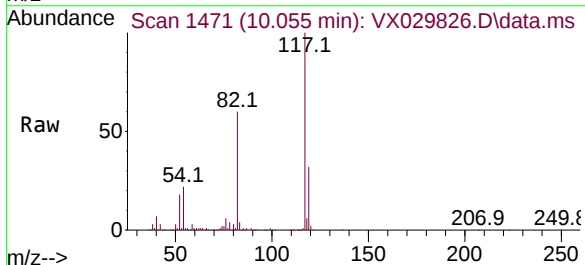
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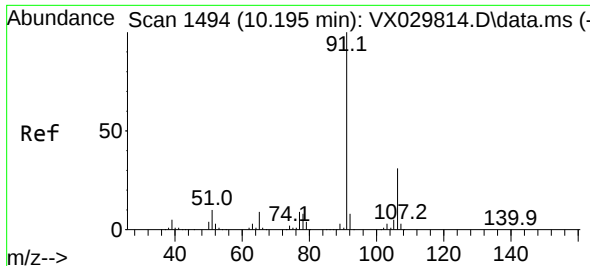
Tgt Ion: 95 Resp: 183432
Ion Ratio Lower Upper
95 100
174 63.3 0.0 163.0
176 59.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion: 117 Resp: 376278
Ion Ratio Lower Upper
117 100
82 59.5 41.8 62.8
119 31.7 24.8 37.2

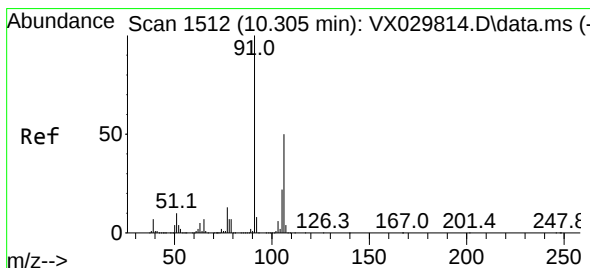
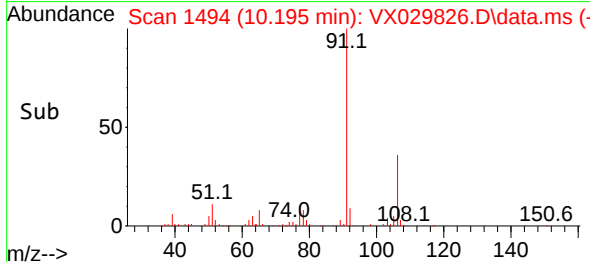
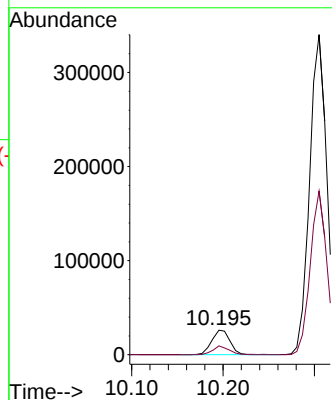
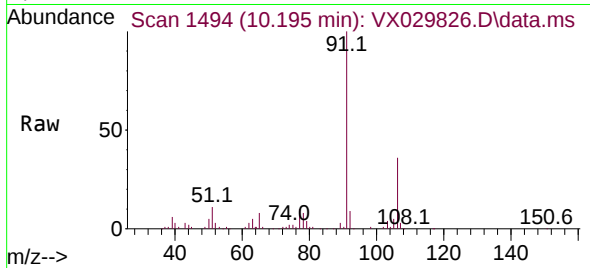




#67
Ethyl Benzene
Concen: 2.538 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

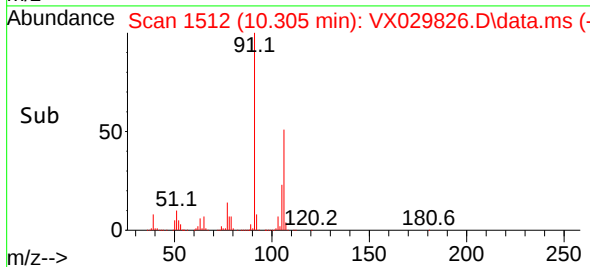
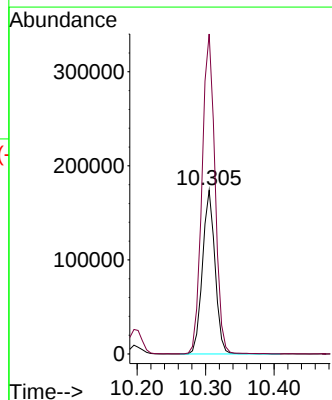
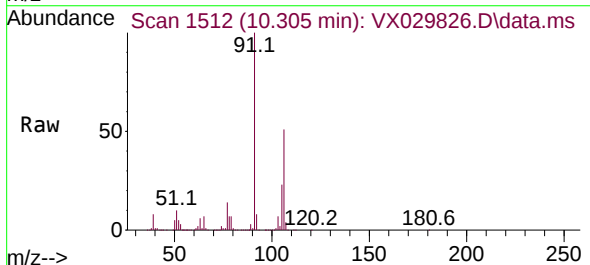
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

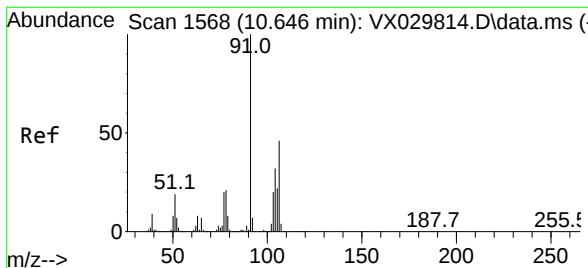
Tgt Ion: 91 Resp: 36382
Ion Ratio Lower Upper
91 100
106 35.7 24.6 36.8



#68
m/p-Xylenes
Concen: 41.231 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion: 106 Resp: 222343
Ion Ratio Lower Upper
106 100
91 202.4 160.4 240.6

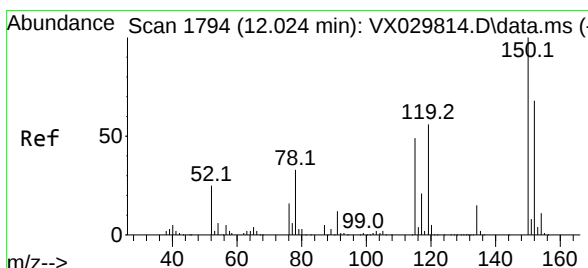
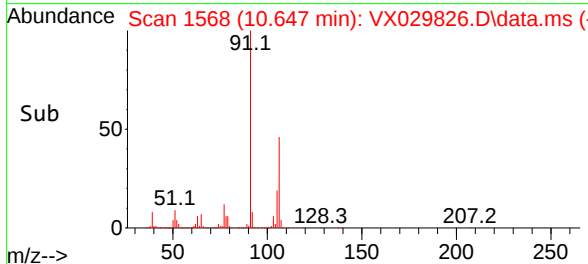
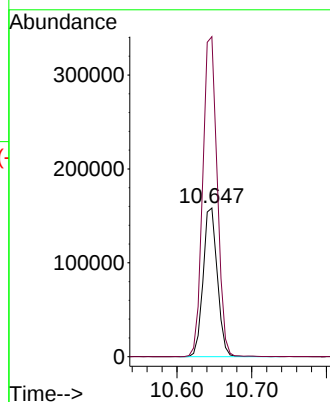
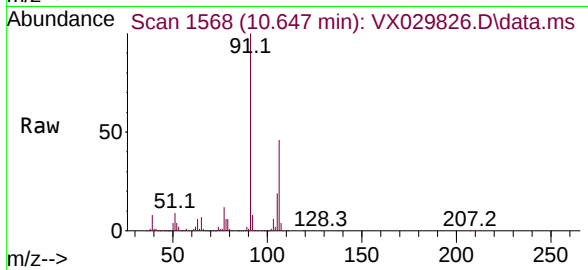




#69
o-Xylene
Concen: 39.171 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

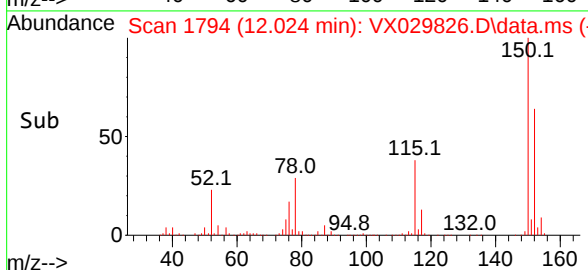
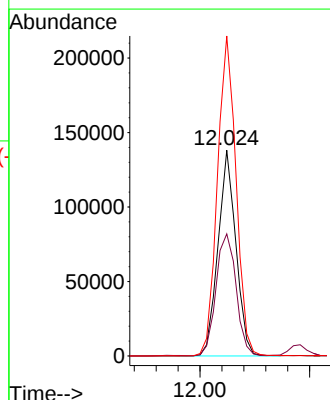
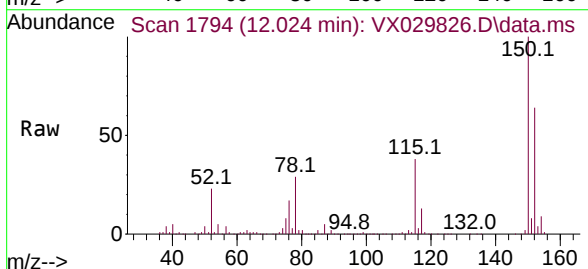
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

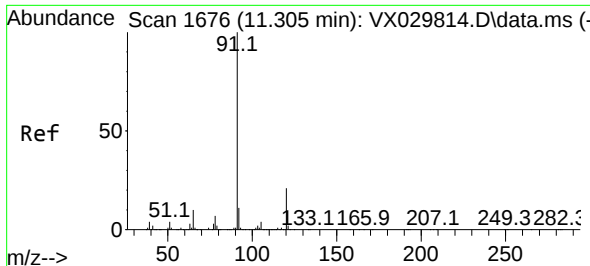
Tgt Ion:106 Resp: 208813
Ion Ratio Lower Upper
106 100
91 220.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion:152 Resp: 156827
Ion Ratio Lower Upper
152 100
115 66.3 37.5 112.7
150 161.8 0.0 338.2

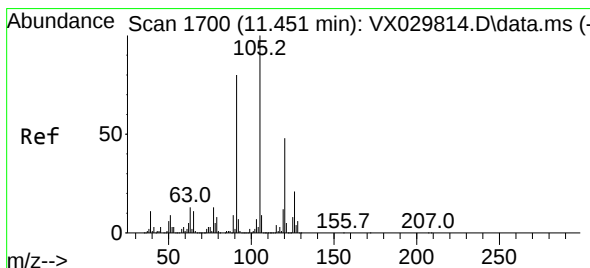
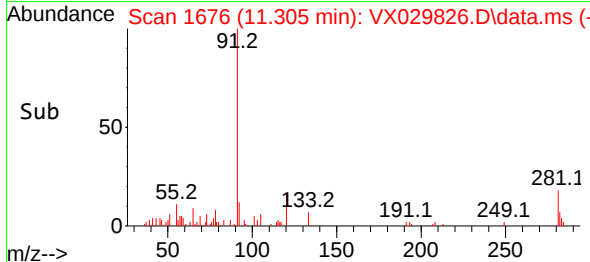
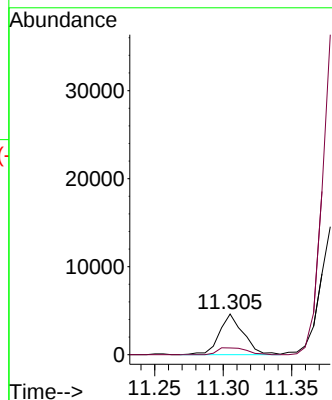
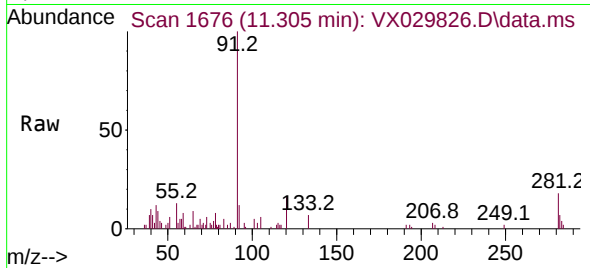




#78
n-propylbenzene
Concen: 0.355 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

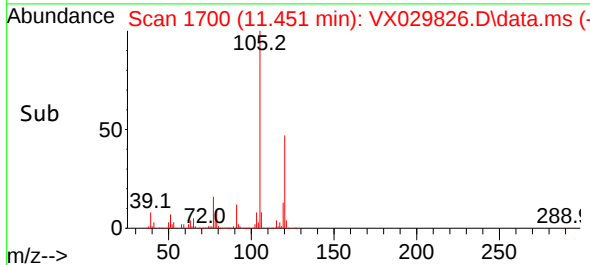
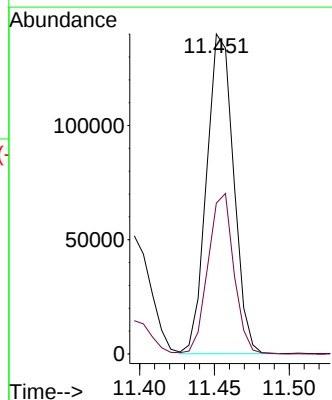
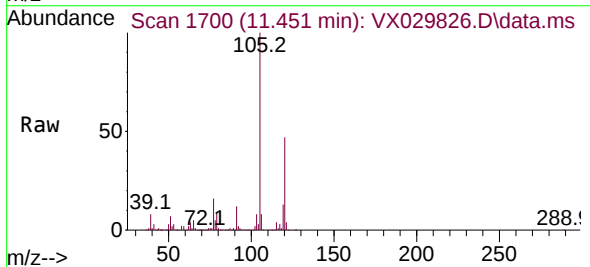
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

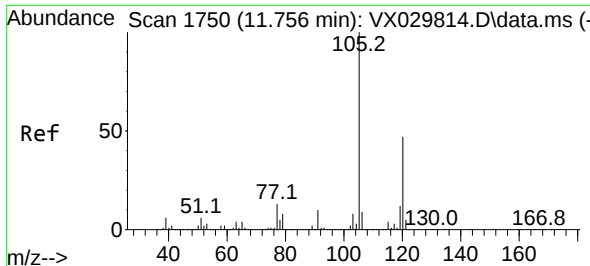
Tgt Ion: 91 Resp: 5597
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#80
1,3,5-Trimethylbenzene
Concen: 16.200 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion:105 Resp: 176071
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9

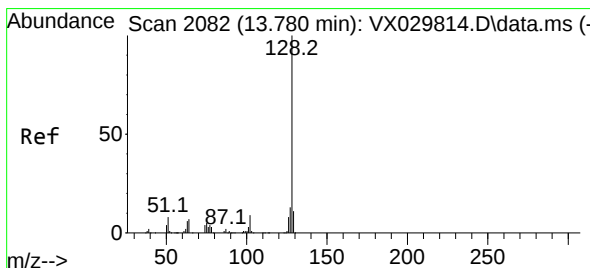
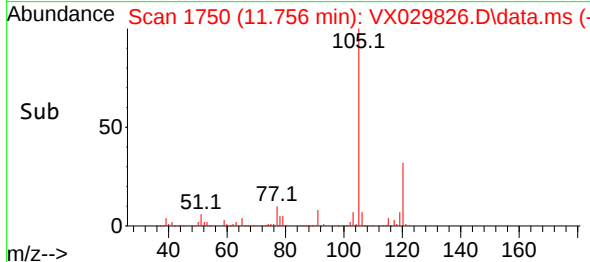
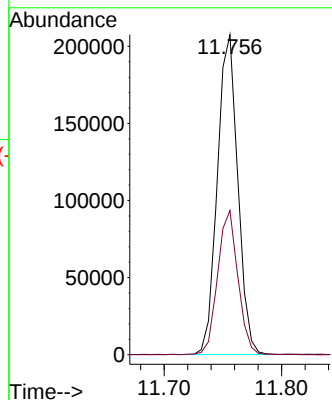
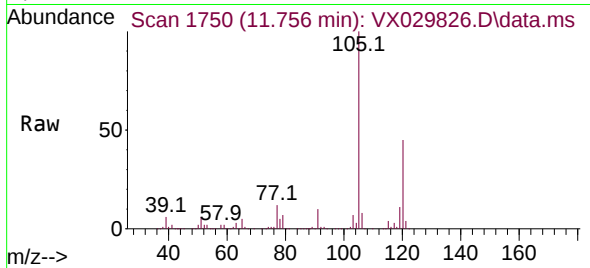




#84
1,2,4-Trimethylbenzene
Concen: 22.930 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:105 Resp: 251343
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8



#95
Naphthalene
Concen: 3.012 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029826.D
Acq: 27 Jun 2022 19:14

Tgt Ion:128 Resp: 40316
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 8.7 13.1

