

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028498.D
 Acq On : 03 May 2022 13:56
 Operator : JC/MD
 Sample : N2642-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30988

Quant Time: May 04 06:04:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

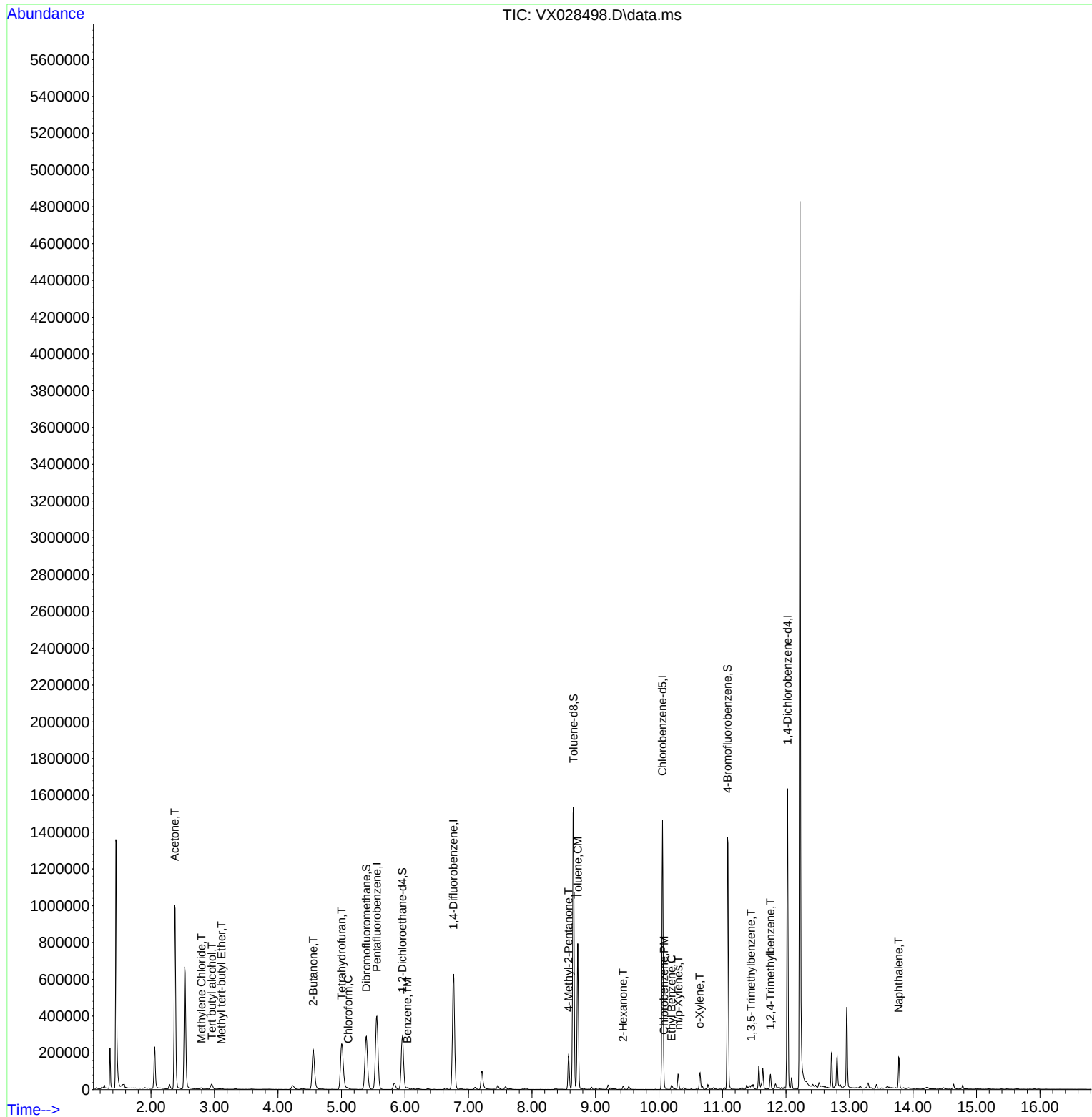
Internal Standards						
1) Pentafluorobenzene	5.556	168	393632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	676466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	671514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	341569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	272487	53.090	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.180%	
35) Dibromofluoromethane	5.391	113	251890	53.096	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.200%	
50) Toluene-d8	8.653	98	956222	52.480	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	11.079	95	361784	51.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	29028	20.409	ug/l	96
16) Acetone	2.374	43	1027424	657.676	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	3852	0.305	ug/l	99
20) Methylene Chloride	2.794	84	3260	0.856	ug/l #	79
25) 2-Butanone	4.556	43	352689	116.029	ug/l	99
29) Tetrahydrofuran	5.001	42	218918	110.455	ug/l	99
30) Chloroform	5.105	83	7764	0.947	ug/l	90
40) Benzene	6.038	78	11434	0.631	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	99264	15.137	ug/l	97
52) Toluene	8.720	92	297177	23.615	ug/l	99
59) 2-Hexanone	9.433	43	9841	1.937	ug/l	90
65) Chlorobenzene	10.080	112	5300	0.370	ug/l	89
67) Ethyl Benzene	10.195	91	11147	0.464	ug/l	100
68) m/p-Xylenes	10.305	106	19545	2.000	ug/l	93
69) o-Xylene	10.640	106	20941	2.150	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8480	0.426	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	34172	1.725	ug/l	93
95) Naphthalene	13.774	128	110347	4.880	ug/l	99

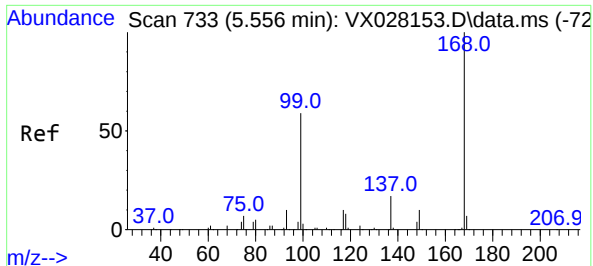
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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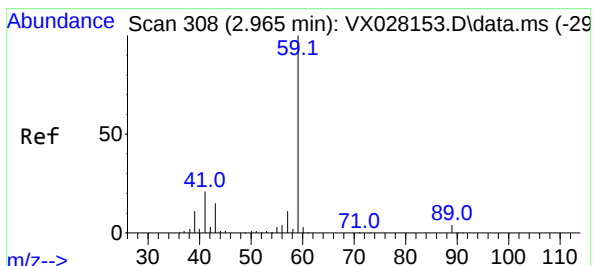
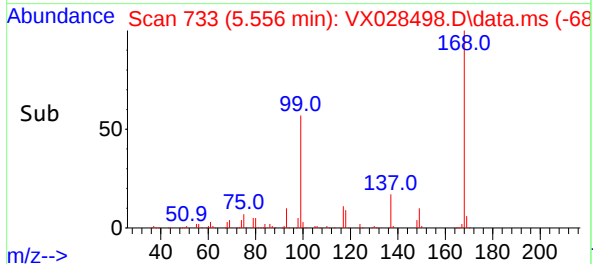
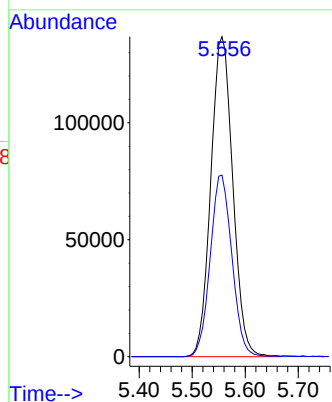
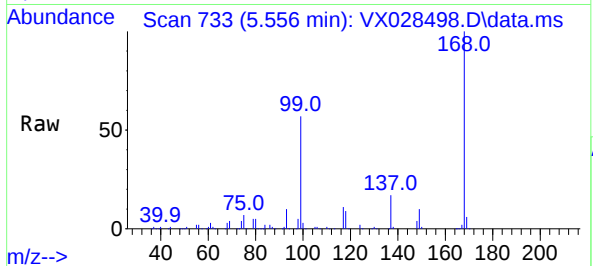




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

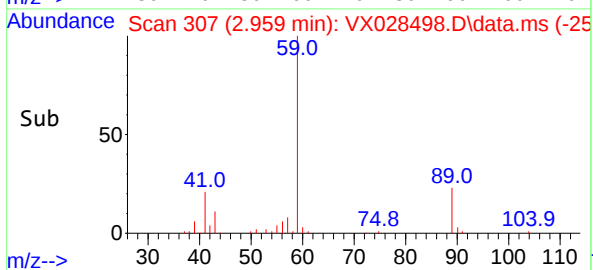
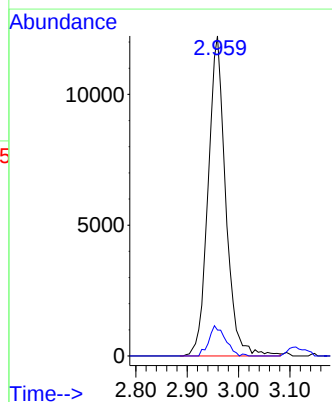
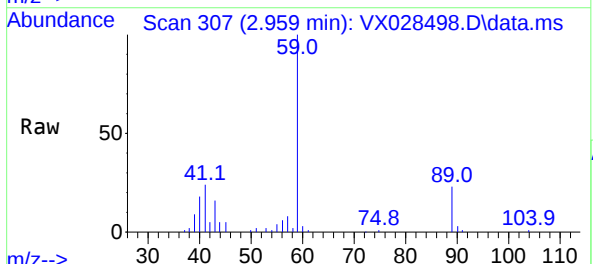
Instrument :
MSVOA_X
ClientSampleId :
30988

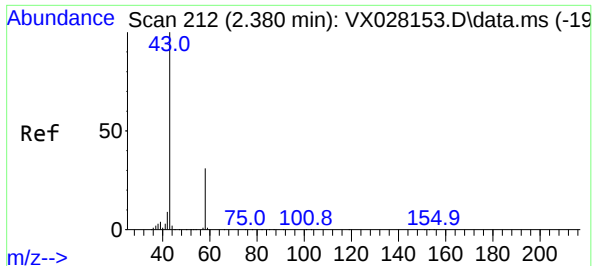
Tgt Ion:168 Resp: 393632
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 20.409 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 59 Resp: 29028
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

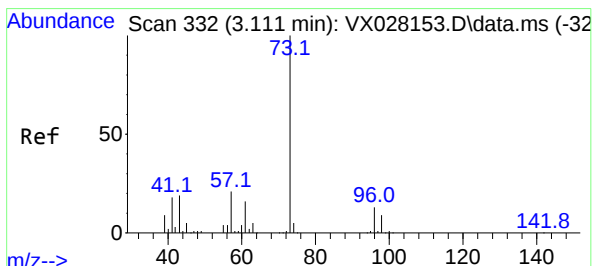
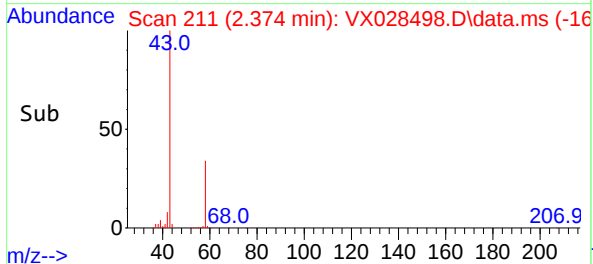
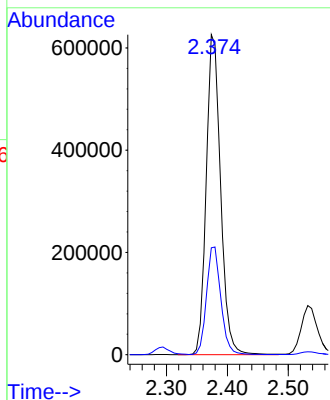
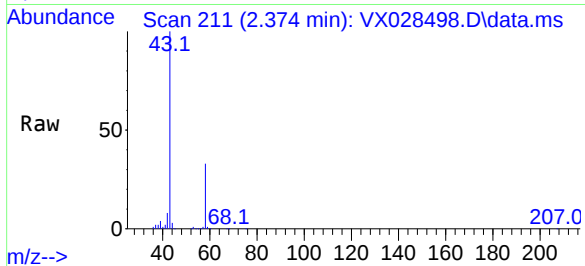




#16
Acetone
Concen: 657.676 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

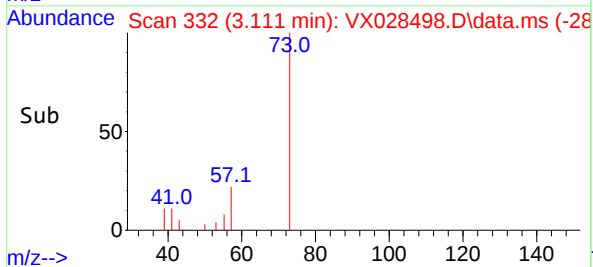
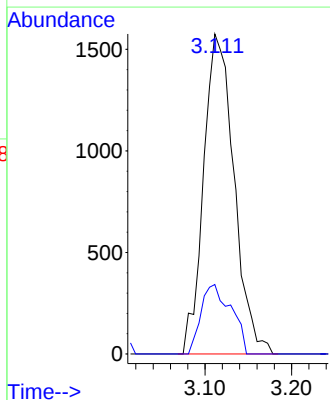
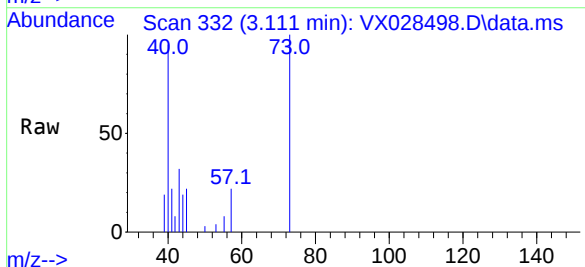
Instrument :
MSVOA_X
ClientSampleId :
30988

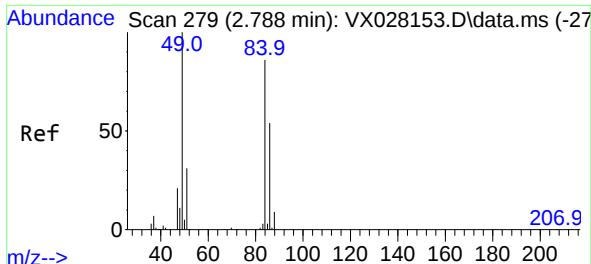
Tgt Ion: 43 Resp: 1027424
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.305 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 73 Resp: 3852
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

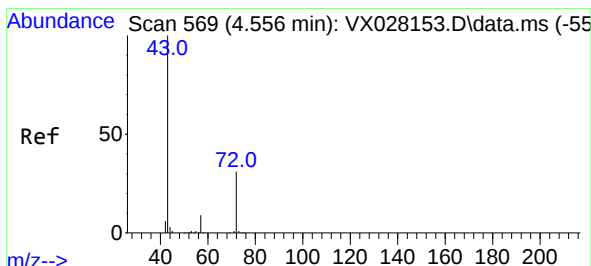
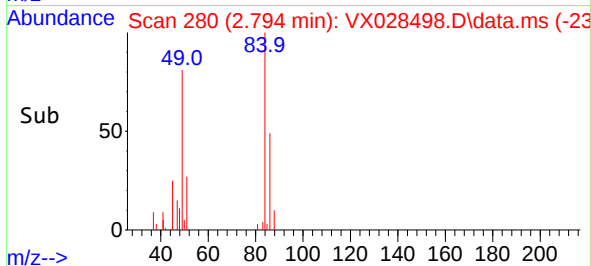
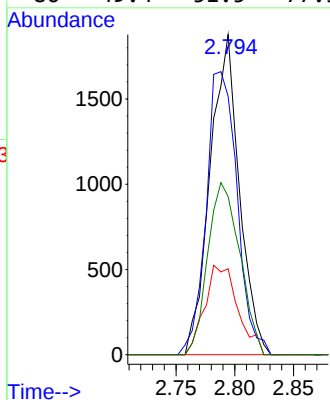
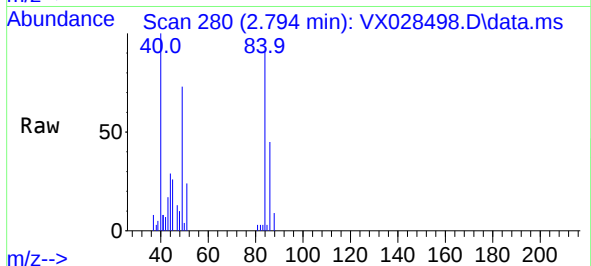




#20
Methylene Chloride
Concen: 0.856 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

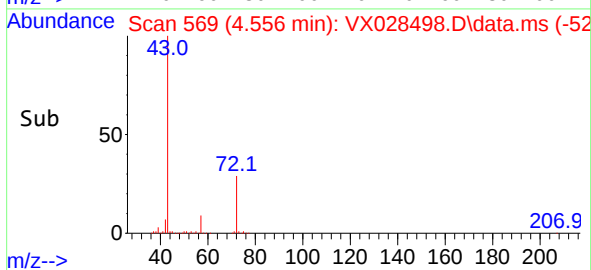
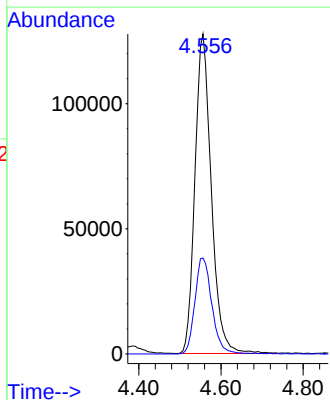
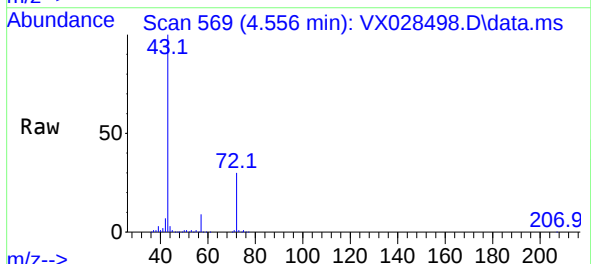
Instrument :
MSVOA_X
ClientSampleId :
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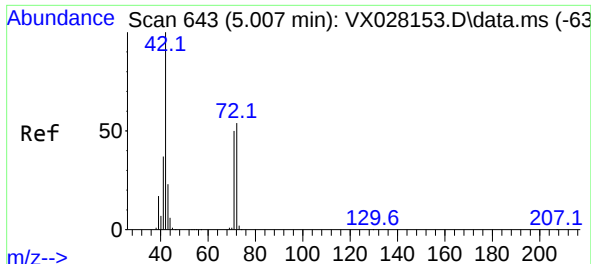
Tgt Ion:	84	Resp:	3260
Ion	Ratio	Lower	Upper
84	100		
49	80.8	85.5	128.3#
51	26.9	26.6	39.8
86	49.4	51.5	77.3#



#25
2-Butanone
Concen: 116.029 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion:	43	Resp:	352689
Ion	Ratio	Lower	Upper
43	100		
72	30.0	24.4	36.6

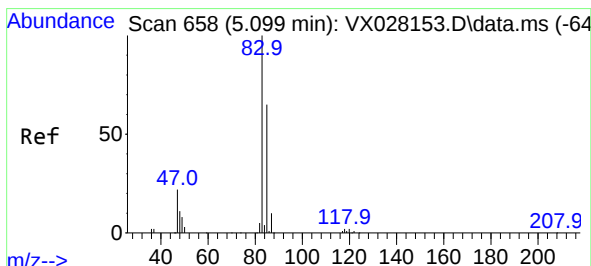
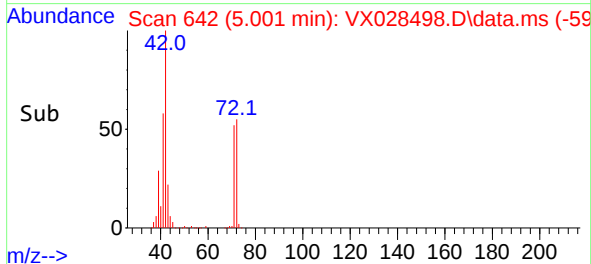
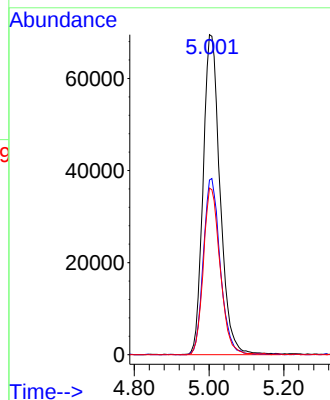
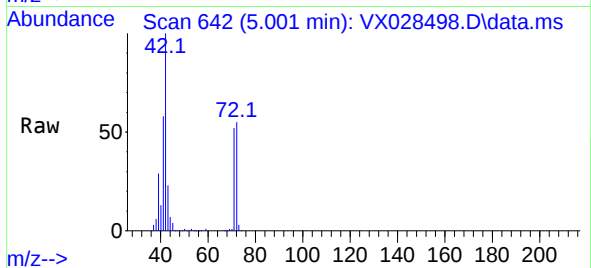




#29
Tetrahydrofuran
Concen: 110.455 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

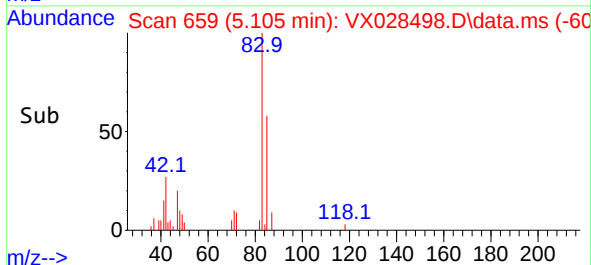
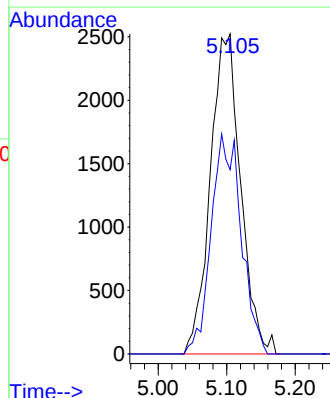
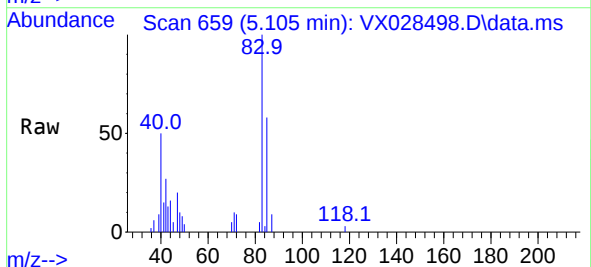
Instrument :
MSVOA_X
ClientSampleId :
30988

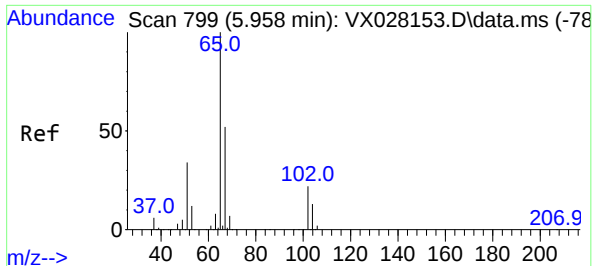
Tgt Ion: 42 Resp: 218918
Ion Ratio Lower Upper
42 100
72 54.4 44.1 66.1
71 51.4 40.5 60.7



#30
Chloroform
Concen: 0.947 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 83 Resp: 7764
Ion Ratio Lower Upper
83 100
85 57.6 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 53.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028498.D

Acq: 03 May 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

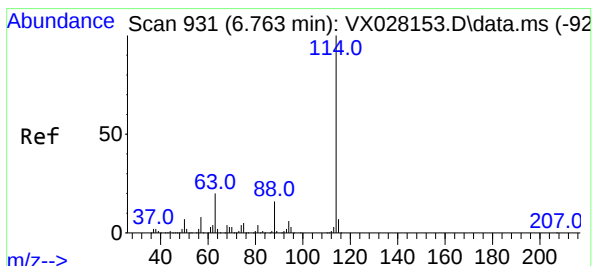
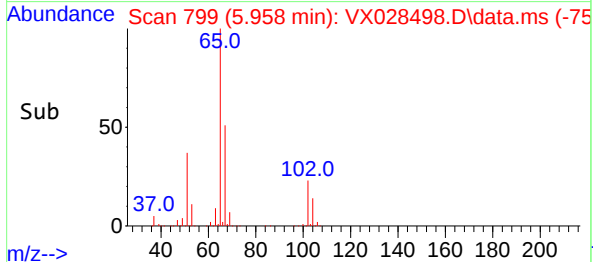
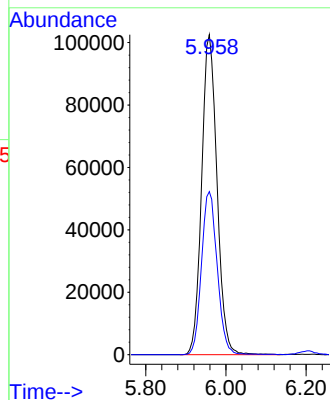
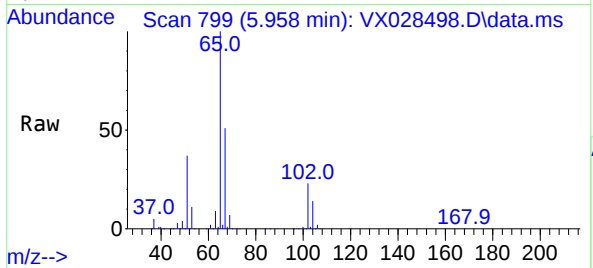
30988

Tgt Ion: 65 Resp: 272487

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028498.D

Acq: 03 May 2022 13:56

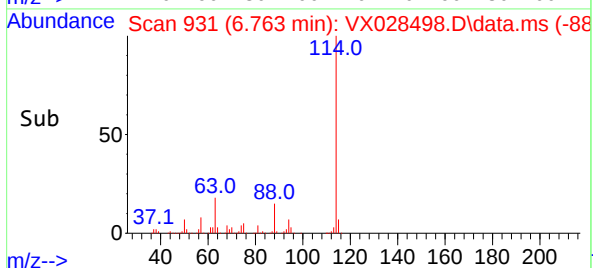
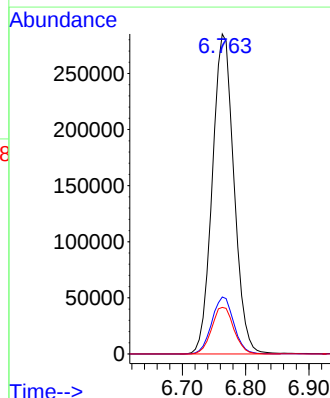
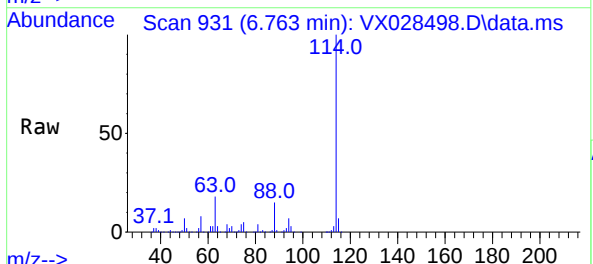
Tgt Ion: 114 Resp: 676466

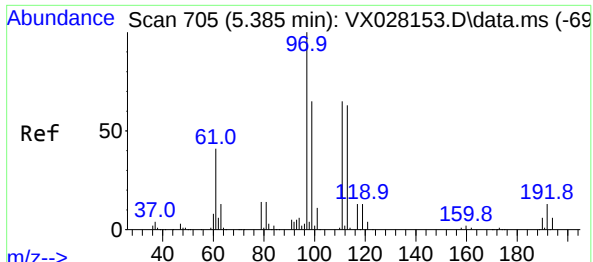
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.8

88 14.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.096 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028498.D

Acq: 03 May 2022 13:56

Instrument :

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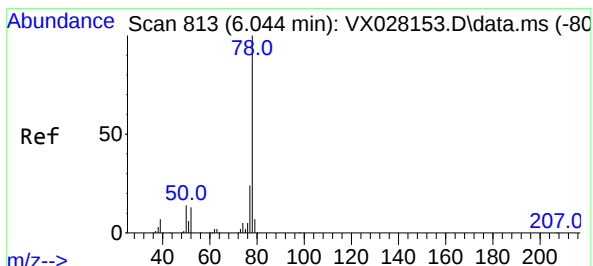
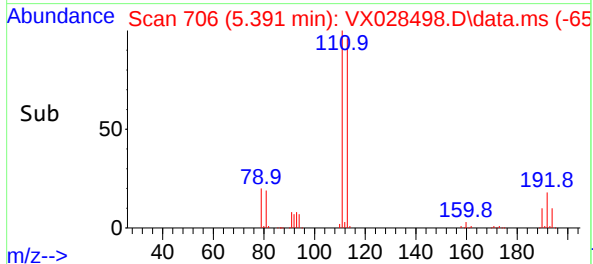
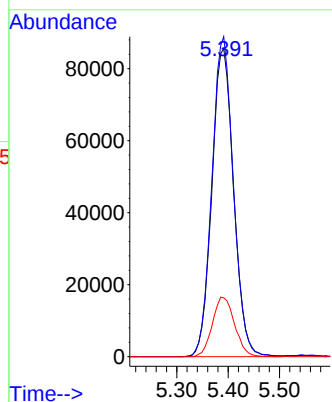
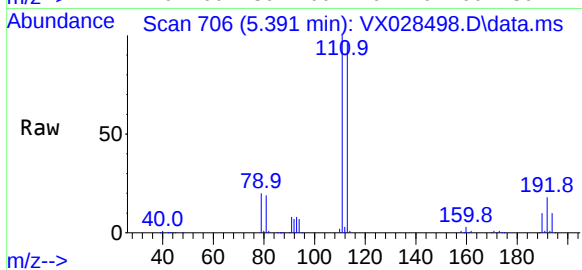
Tgt Ion:113 Resp: 251890

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 19.7 16.9 25.3



#40

Benzene

Concen: 0.631 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX028498.D

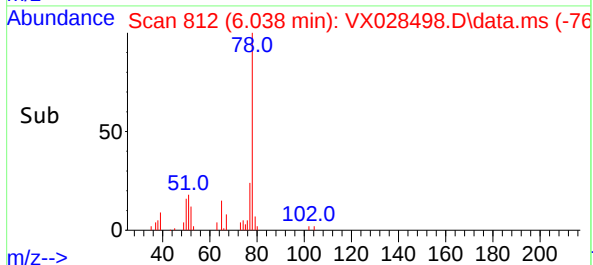
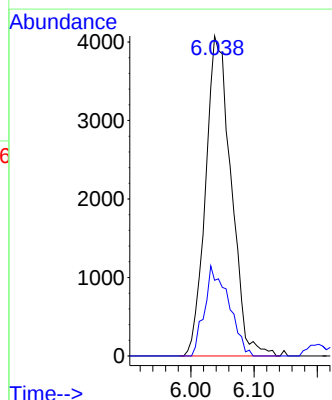
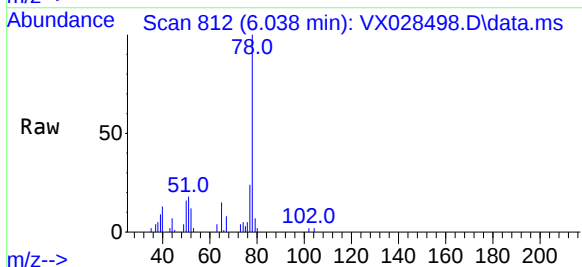
Acq: 03 May 2022 13:56

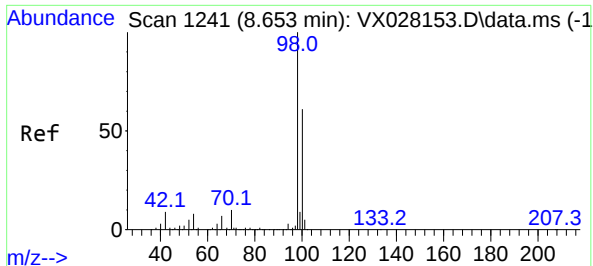
Tgt Ion: 78 Resp: 11434

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

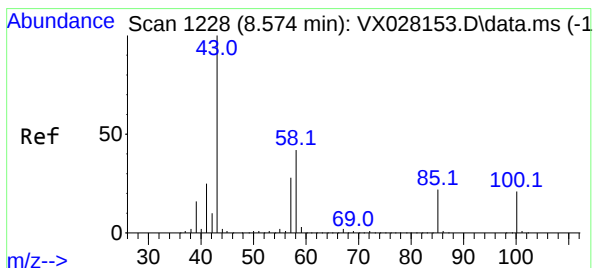
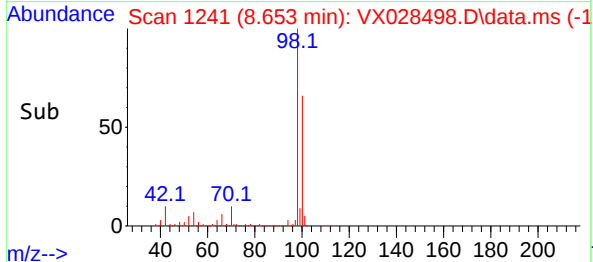
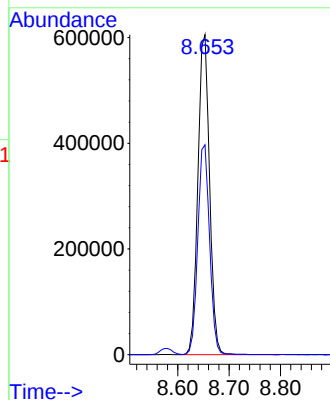
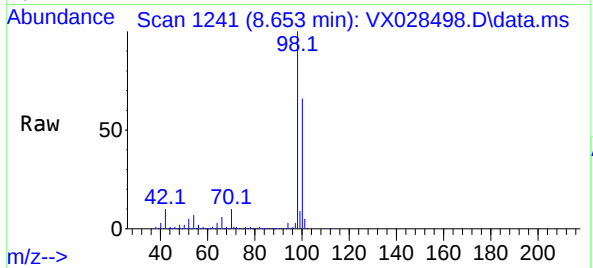




#50
Toluene-d8
Concen: 52.480 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

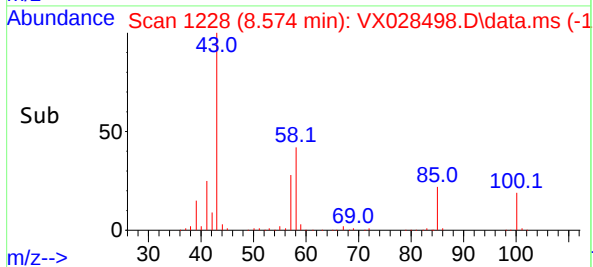
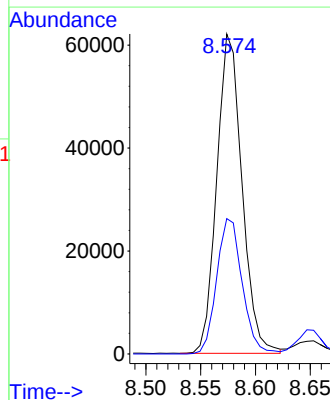
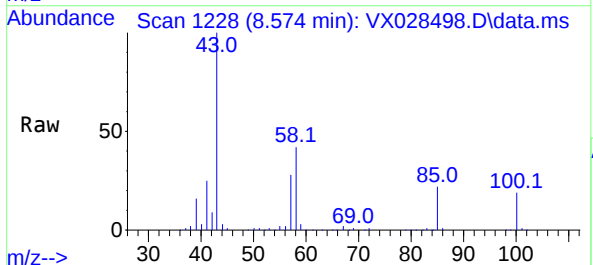
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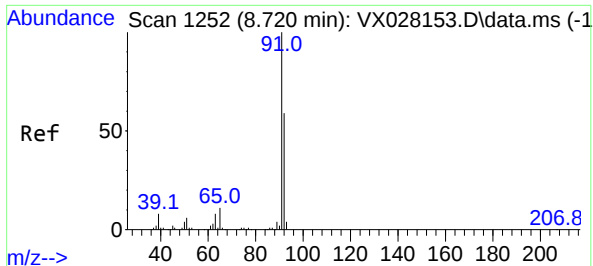
Tgt Ion: 98 Resp: 956222
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 15.137 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 43 Resp: 99264
Ion Ratio Lower Upper
43 100
58 43.0 36.1 54.1

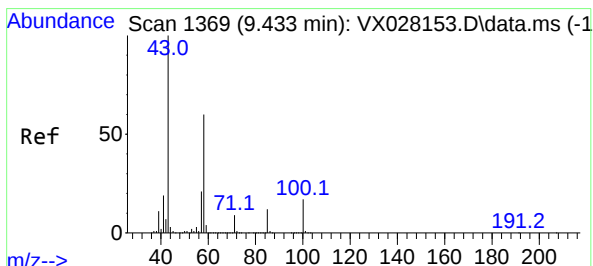
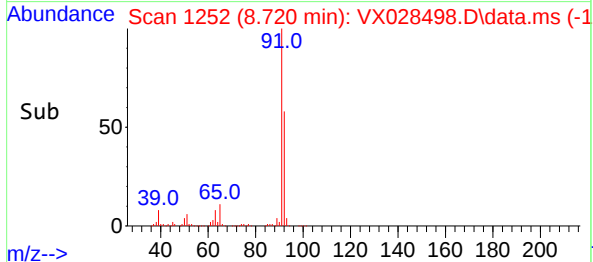
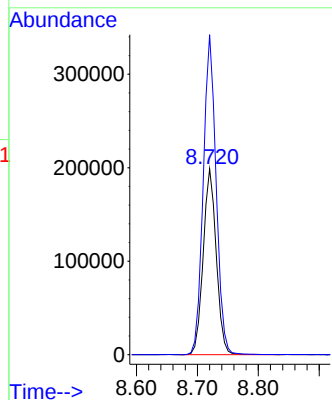
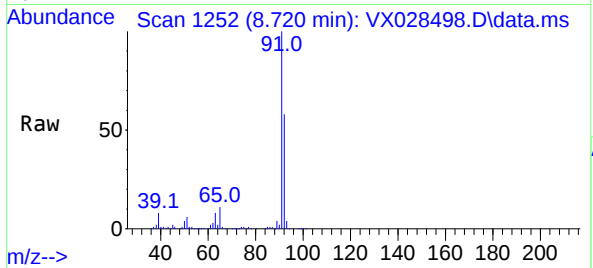




#52
Toluene
Concen: 23.615 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

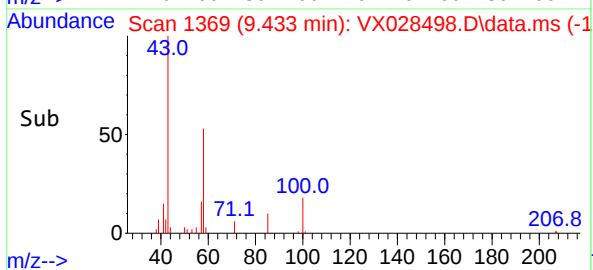
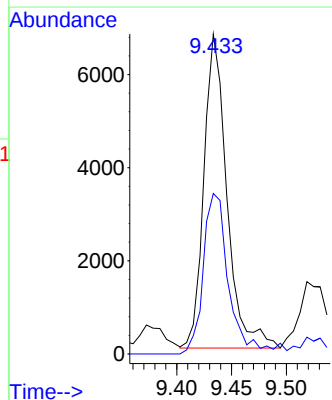
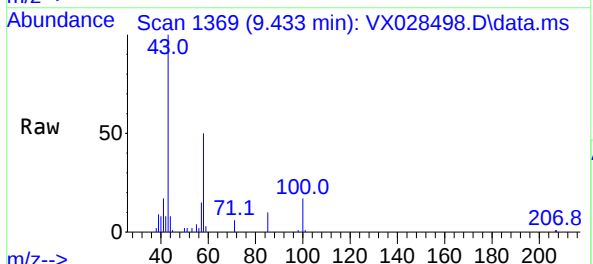
Instrument :
MSVOA_X
ClientSampleId :
30988

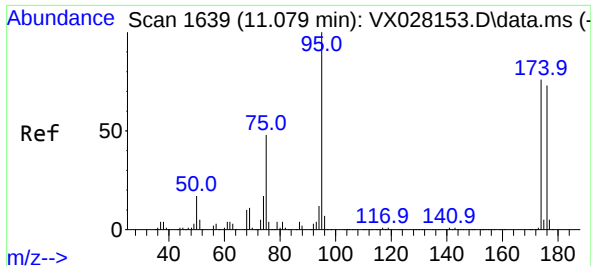
Tgt Ion: 92 Resp: 297177
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3



#59
2-Hexanone
Concen: 1.937 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 43 Resp: 9841
Ion Ratio Lower Upper
43 100
58 55.7 31.9 95.7

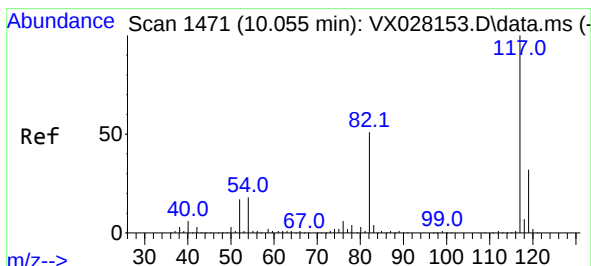
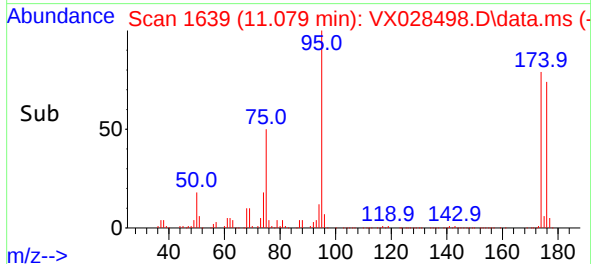
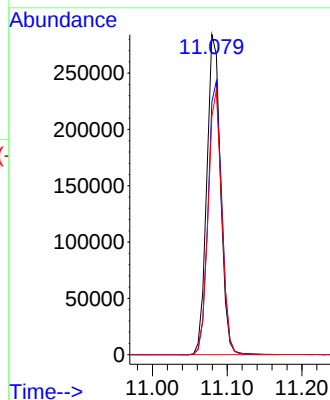
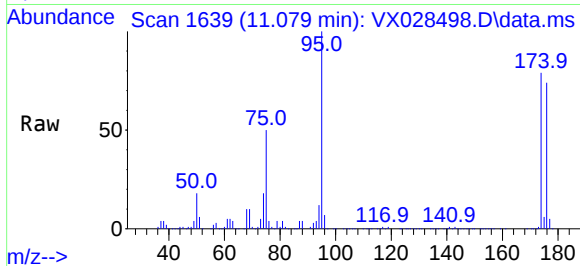




#62
4-Bromofluorobenzene
Concen: 51.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

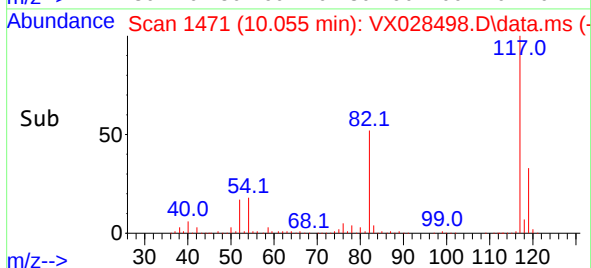
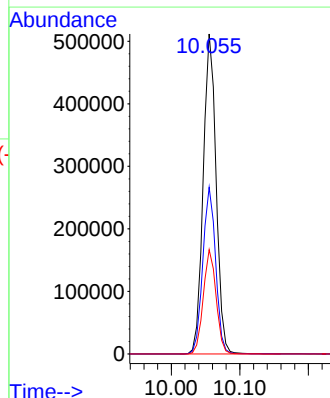
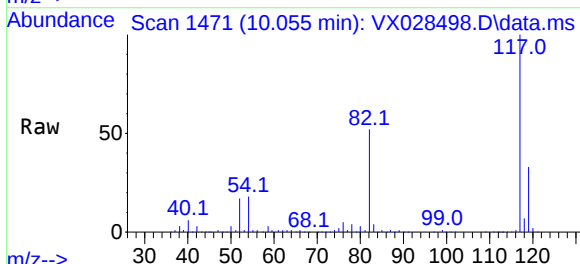
Instrument :
MSVOA_X
ClientSampleId :
30988

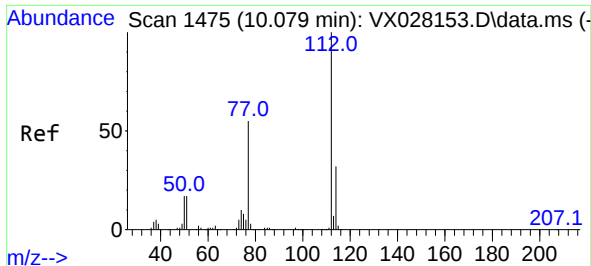
Tgt Ion: 95 Resp: 361784
Ion Ratio Lower Upper
95 100
174 85.4 0.0 163.0
176 82.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 117 Resp: 671514
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.6 24.8 37.2

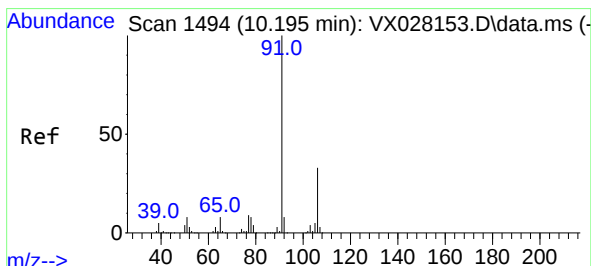
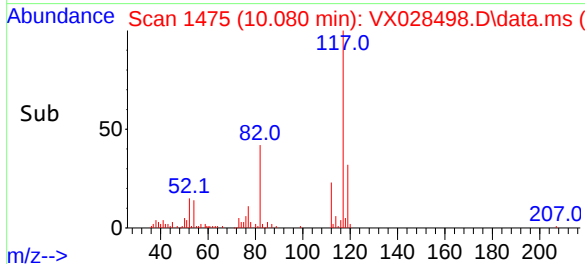
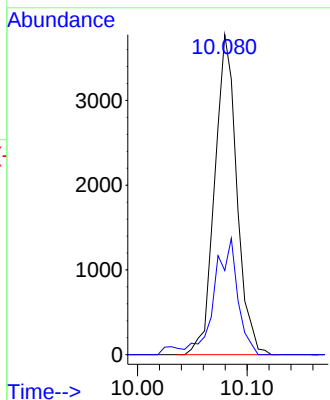
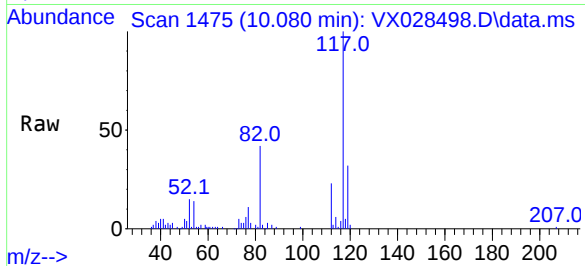




#65
Chlorobenzene
Concen: 0.370 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

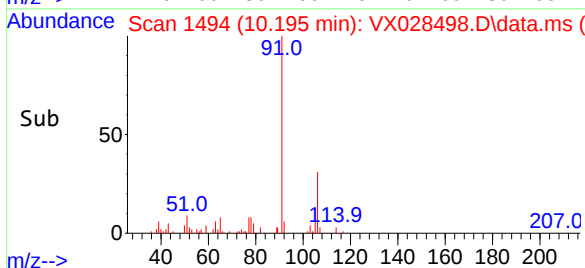
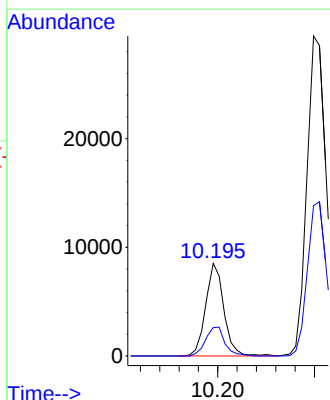
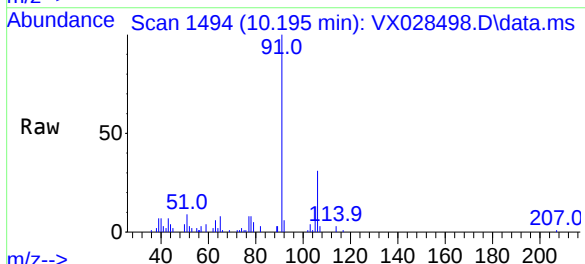
Instrument :
MSVOA_X
ClientSampleId :
30988

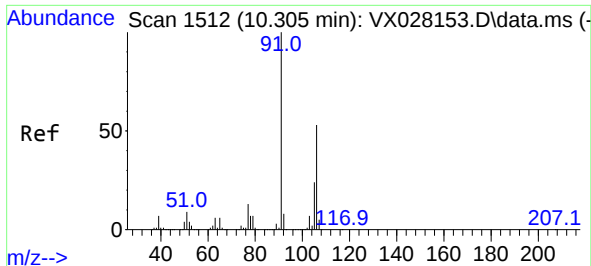
Tgt Ion:112 Resp: 5300
Ion Ratio Lower Upper
112 100
114 26.3 25.8 38.8



#67
Ethyl Benzene
Concen: 0.464 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion: 91 Resp: 11147
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

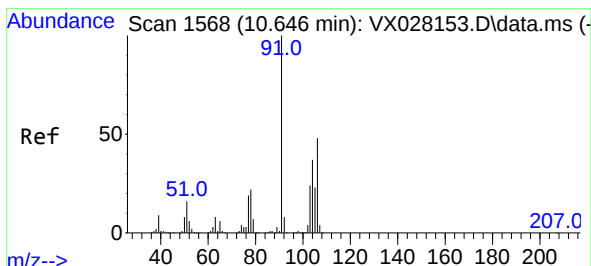
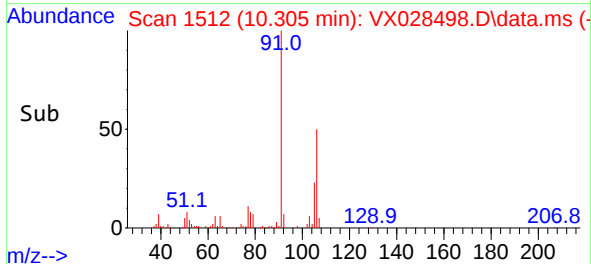
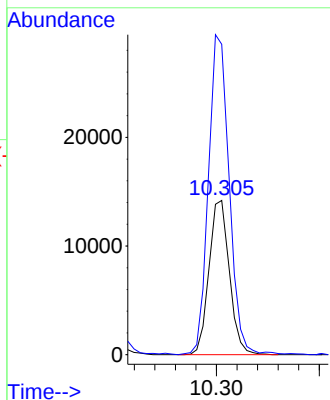
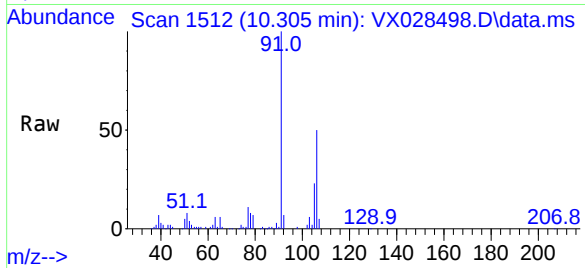




#68
m/p-Xylenes
Concen: 2.000 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

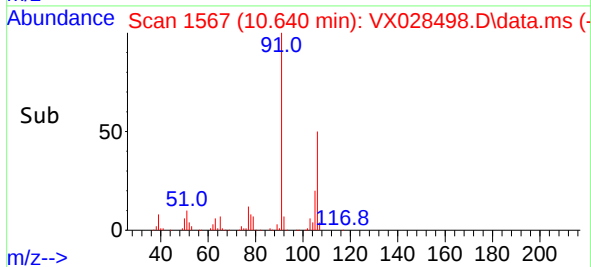
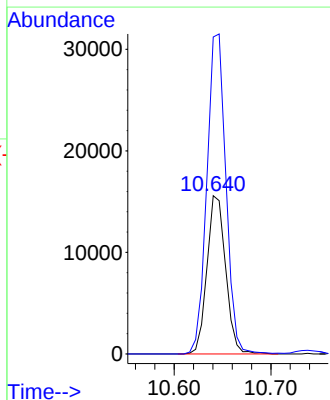
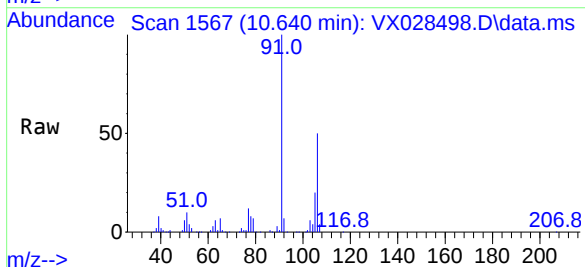
Instrument :
MSVOA_X
ClientSampleId :
30988

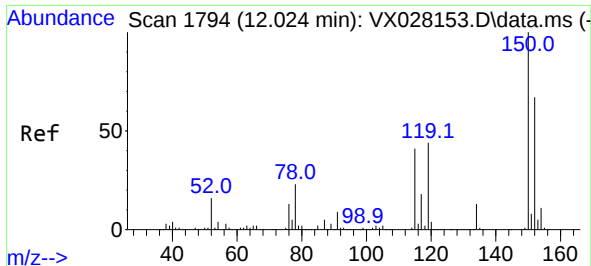
Tgt Ion:106 Resp: 19545
Ion Ratio Lower Upper
106 100
91 211.7 160.4 240.6



#69
o-Xylene
Concen: 2.150 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion:106 Resp: 20941
Ion Ratio Lower Upper
106 100
91 206.9 106.1 318.1

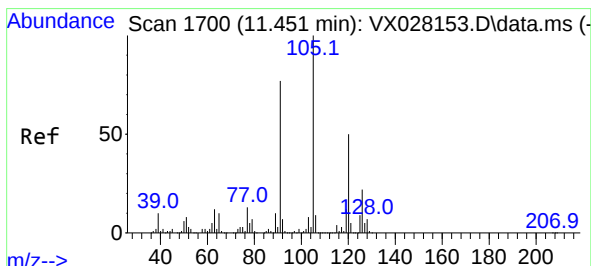
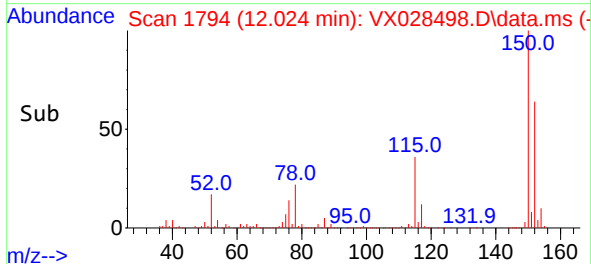
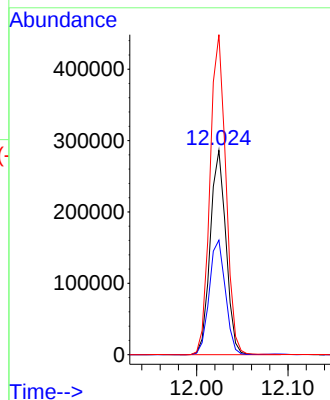
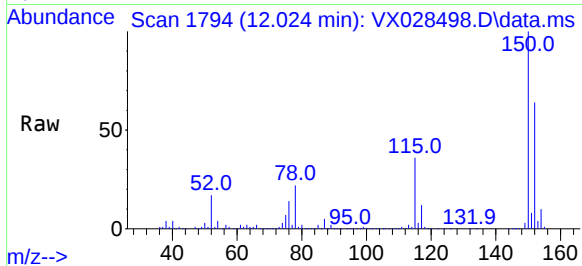




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

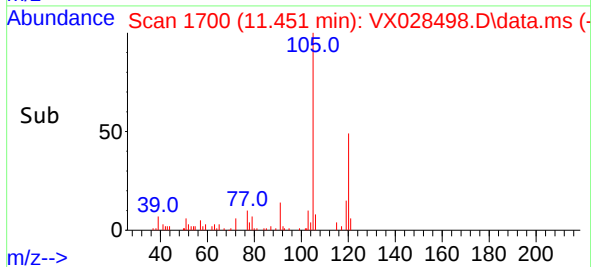
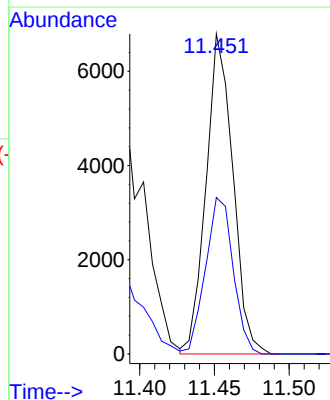
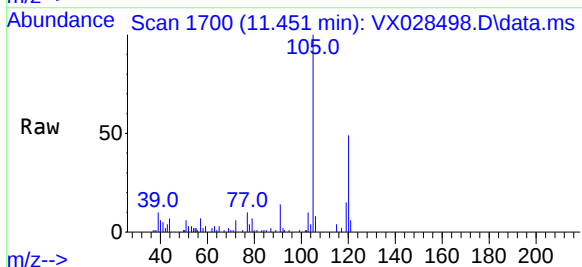
Instrument :
MSVOA_X
ClientSampleId :
30988

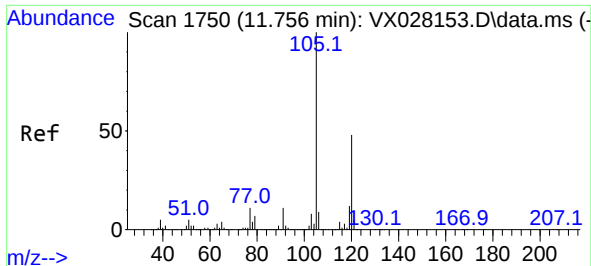
Tgt Ion:152 Resp: 341569
Ion Ratio Lower Upper
152 100
115 57.6 37.5 112.7
150 158.0 0.0 338.2



#80
1,3,5-Trimethylbenzene
Concen: 0.426 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion:105 Resp: 8480
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9

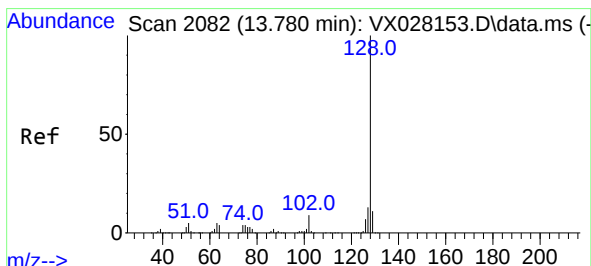
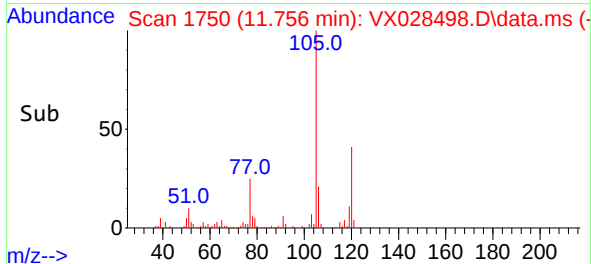
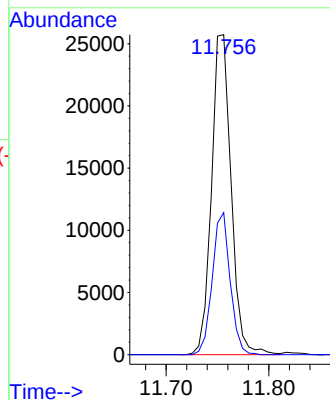
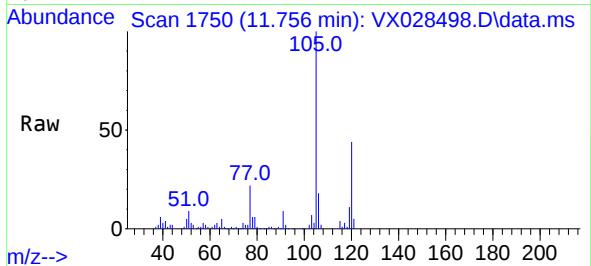




#84
1,2,4-Trimethylbenzene
Concen: 1.725 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
30988

Tgt Ion:105 Resp: 34172
Ion Ratio Lower Upper
105 100
120 40.4 22.6 67.8



#95
Naphthalene
Concen: 4.880 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX028498.D
Acq: 03 May 2022 13:56

Tgt Ion:128 Resp: 110347
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.2 8.7 13.1

