

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028707.D
 Acq On : 14 May 2022 03:21
 Operator : JC/MD
 Sample : N2809-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 16 02:32:33 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)

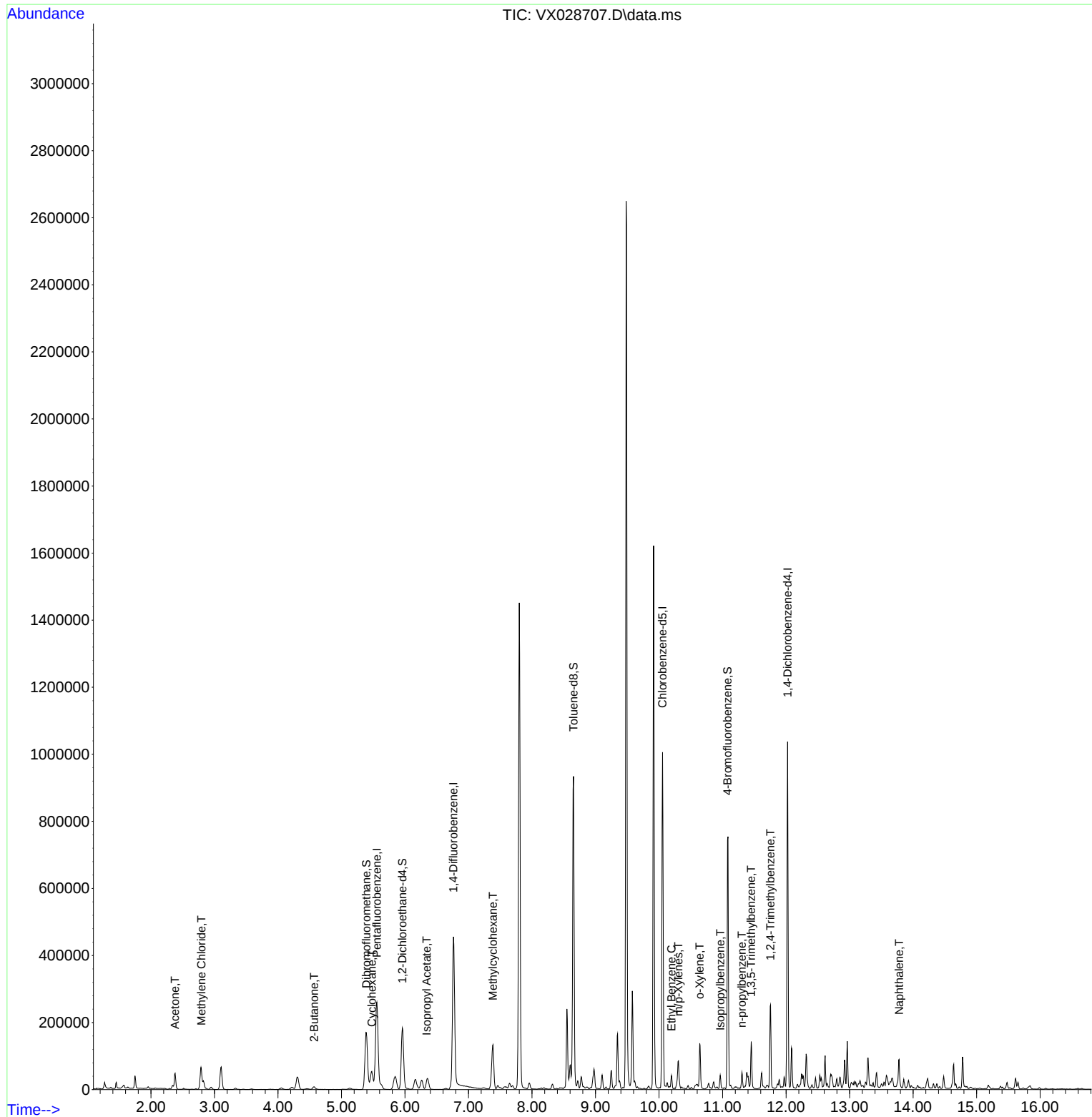
Internal Standards						
1) Pentafluorobenzene	5.556	168	240719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	449908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173221	52.496	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.000%	
35) Dibromofluoromethane	5.391	113	147471	50.029	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.060%	
50) Toluene-d8	8.653	98	553394	49.795	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.079	95	202603	48.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	55046	38.870	ug/l	90
20) Methylene Chloride	2.794	84	19515	6.568	ug/l	98
25) 2-Butanone	4.568	43	12006	5.401	ug/l	94
31) Cyclohexane	5.476	56	34619	7.558	ug/l	95
39) Methylcyclohexane	7.385	83	57896	11.403	ug/l	92
43) Isopropyl Acetate	6.342	43	21268	2.940	ug/l	95
67) Ethyl Benzene	10.195	91	20997	1.279	ug/l	98
68) m/p-Xylenes	10.305	106	18211	2.850	ug/l	97
69) o-Xylene	10.640	106	18536	2.946	ug/l	93
73) Isopropylbenzene	10.963	105	19434	1.315	ug/l	96
78) n-propylbenzene	11.305	91	28365	1.660	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	59486	4.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	112116	9.082	ug/l	98
95) Naphthalene	13.780	128	53302	3.850	ug/l	96

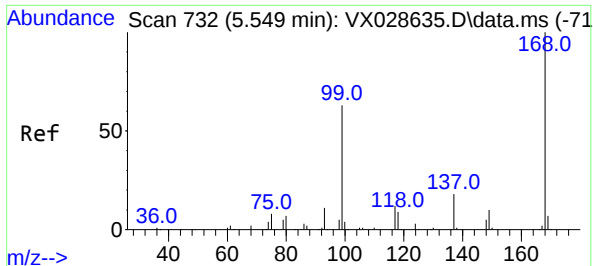
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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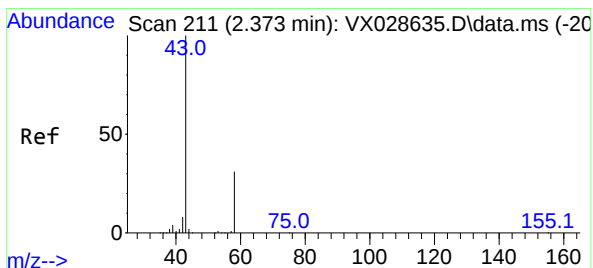
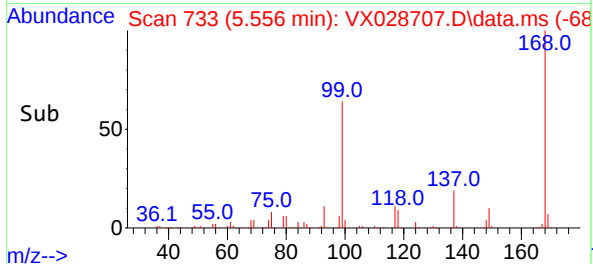
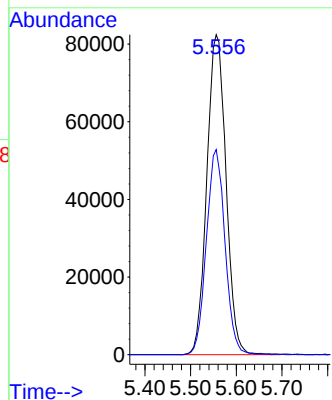
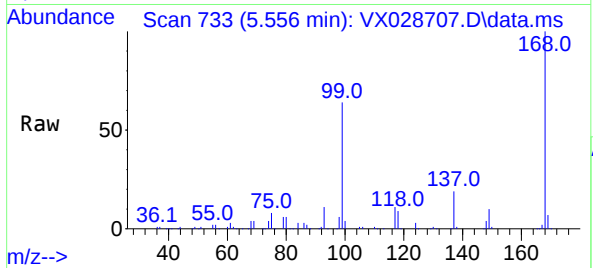




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

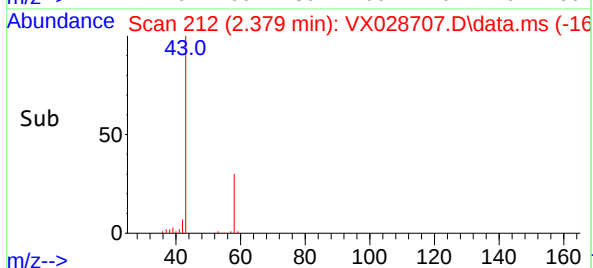
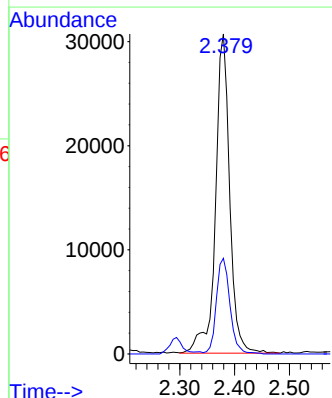
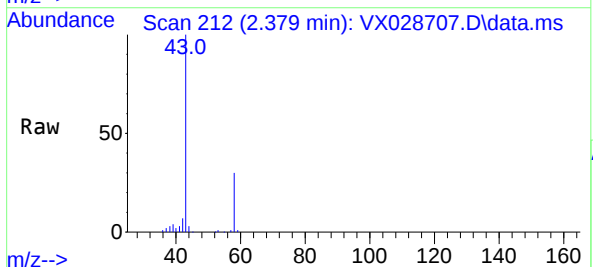
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

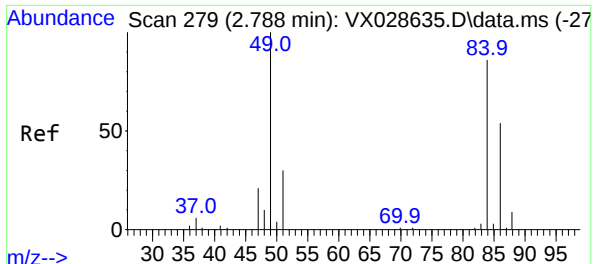
Tgt Ion:168 Resp: 240719
Ion Ratio Lower Upper
168 100
99 64.1 41.7 62.5#



#16
Acetone
Concen: 38.870 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 43 Resp: 55046
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2



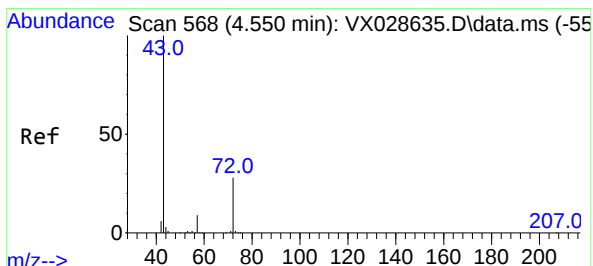
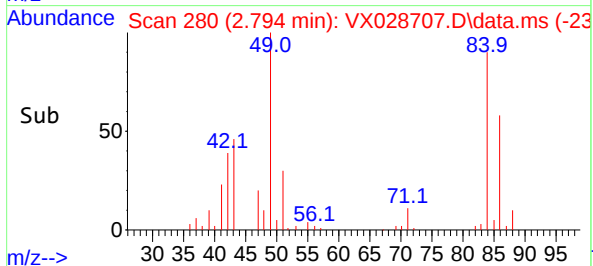
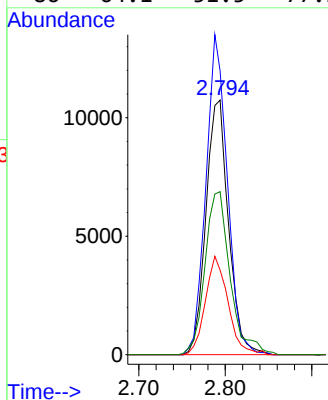
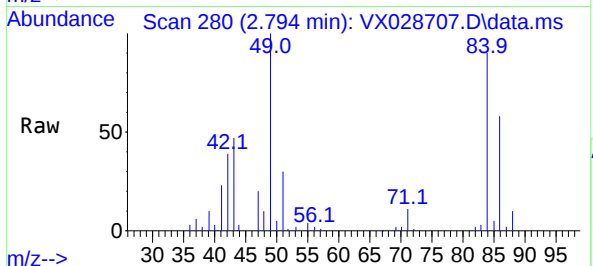


#20
Methylene Chloride
Concen: 6.568 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

Tgt Ion: 84 Resp: 19515

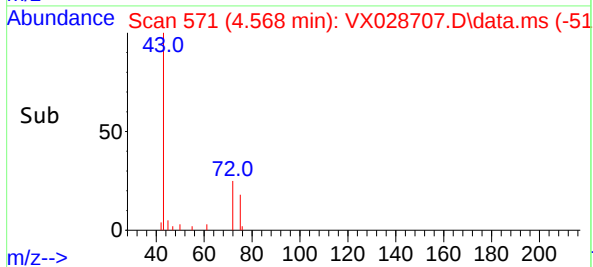
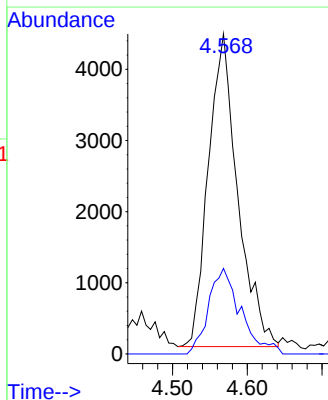
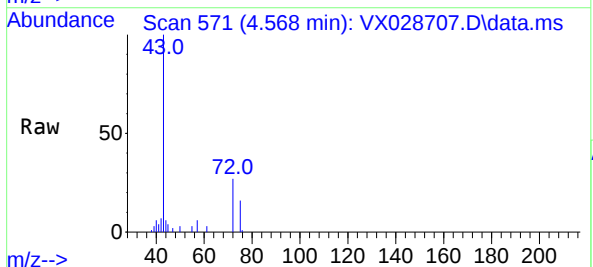
Ion	Ratio	Lower	Upper
84	100		
49	111.4	85.5	128.3
51	33.2	26.6	39.8
86	64.1	51.5	77.3

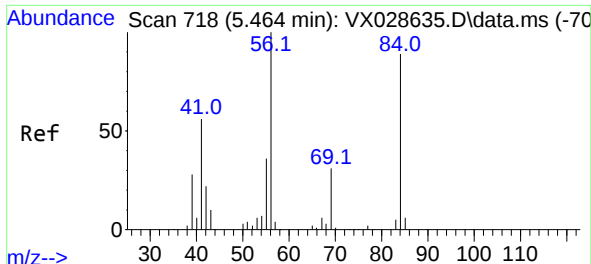


#25
2-Butanone
Concen: 5.401 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 43 Resp: 12006

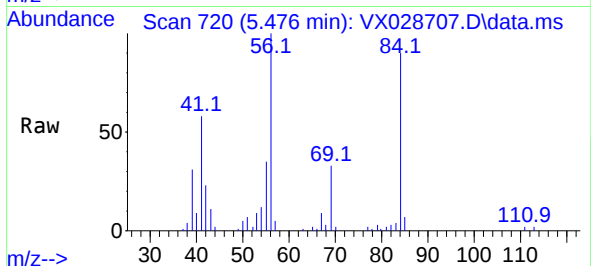
Ion	Ratio	Lower	Upper
43	100		
72	27.4	24.4	36.6





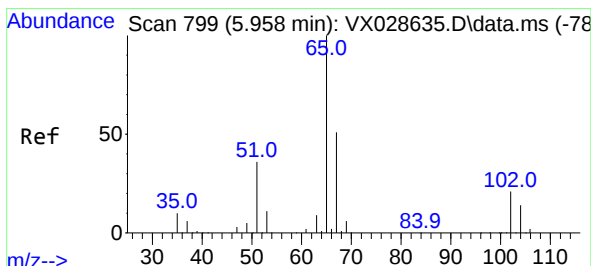
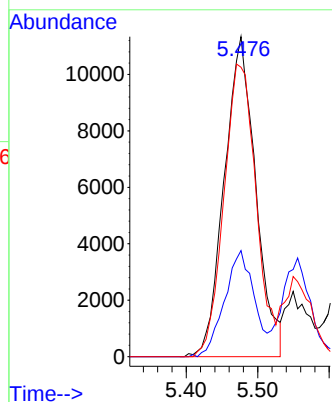
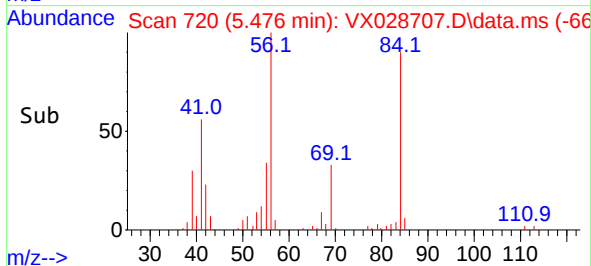
#31
Cyclohexane
Concen: 7.558 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R



Tgt Ion: 56 Resp: 34619

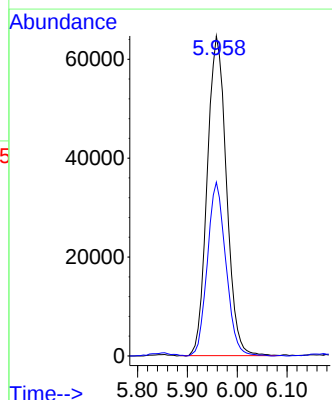
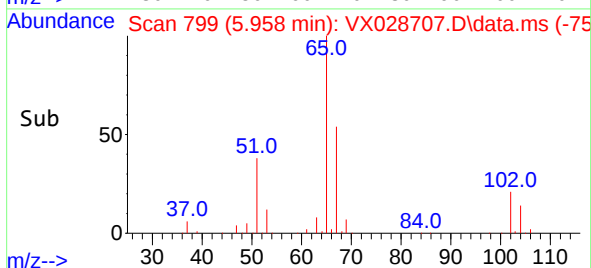
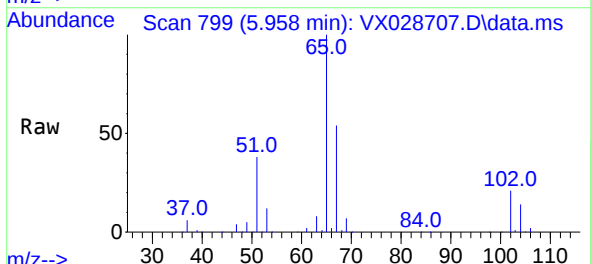
Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.7	40.1
84	90.4	77.2	115.8

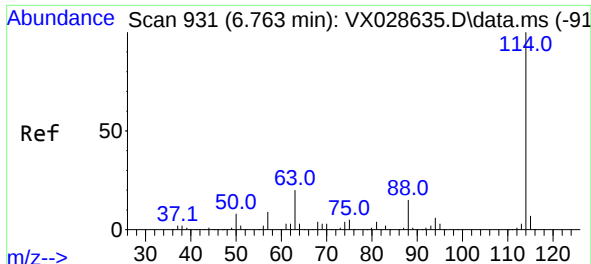


#33
1,2-Dichloroethane-d4
Concen: 52.496 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 65 Resp: 173221

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4

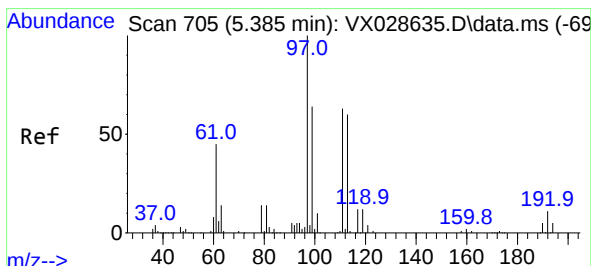
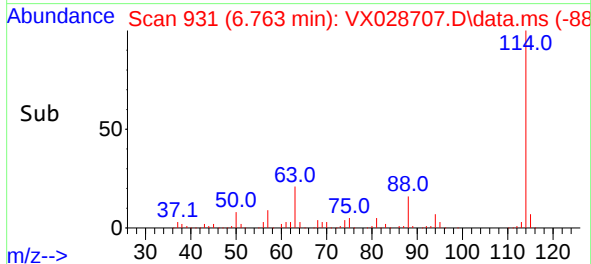
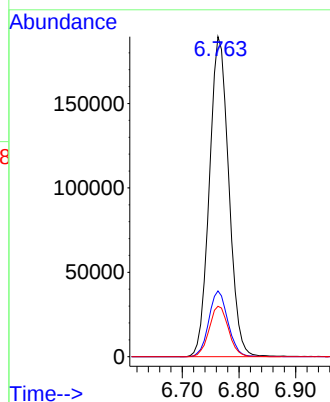
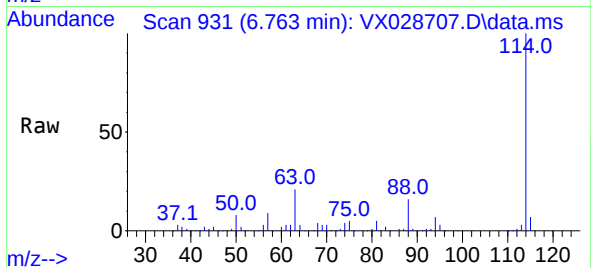




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

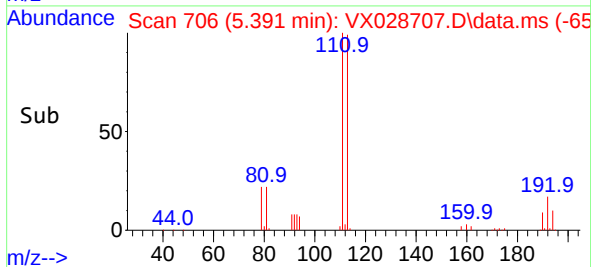
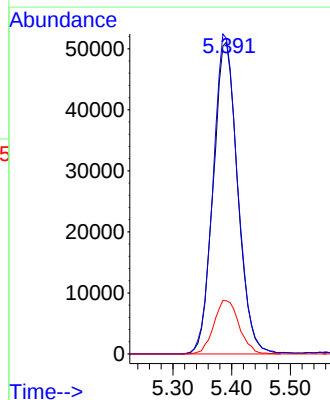
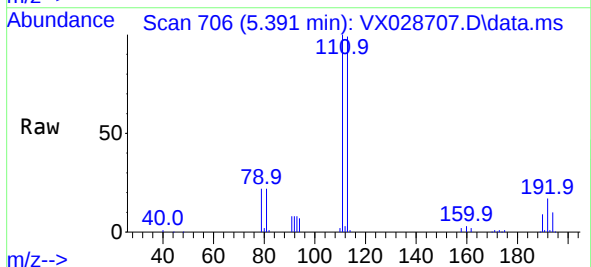
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

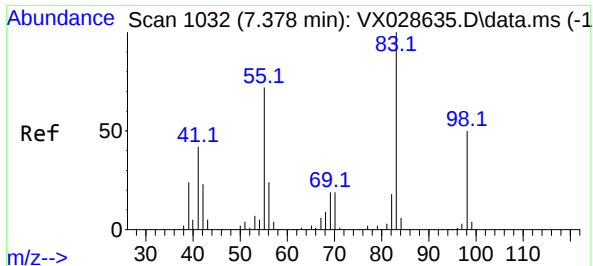
Tgt Ion:114 Resp: 449908
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.029 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion:113 Resp: 147471
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 17.8 16.9 25.3





#39

Methylcyclohexane

Concen: 11.403 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028707.D

Acq: 14 May 2022 03:21

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-TP-5R

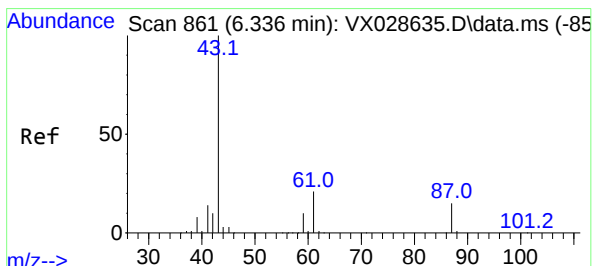
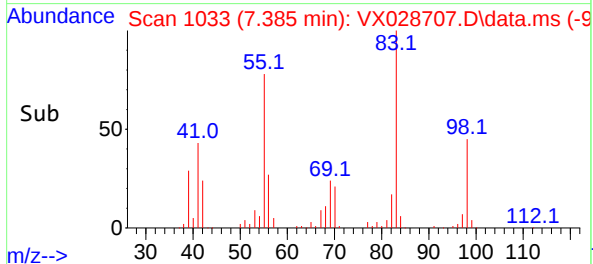
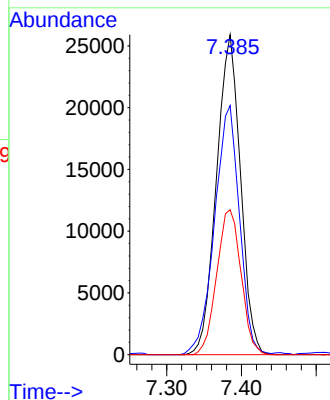
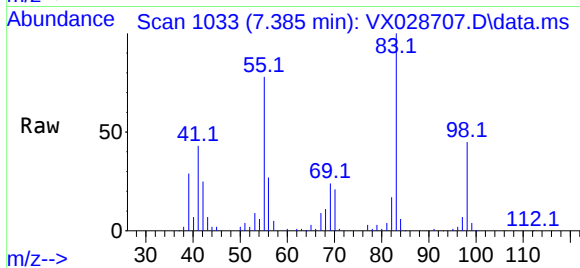
Tgt Ion: 83 Resp: 57896

Ion Ratio Lower Upper

83 100

55 77.9 54.6 81.8

98 45.3 37.4 56.2



#43

Isopropyl Acetate

Concen: 2.940 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX028707.D

Acq: 14 May 2022 03:21

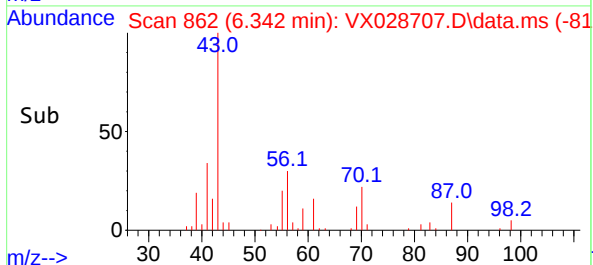
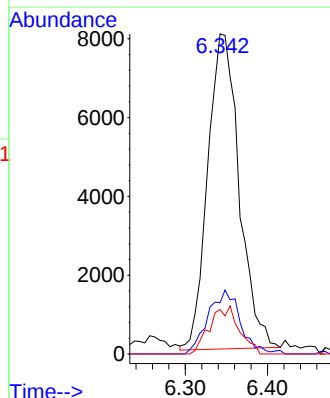
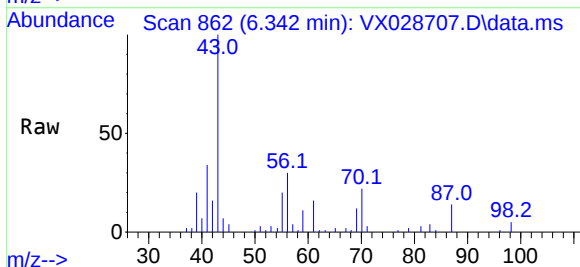
Tgt Ion: 43 Resp: 21268

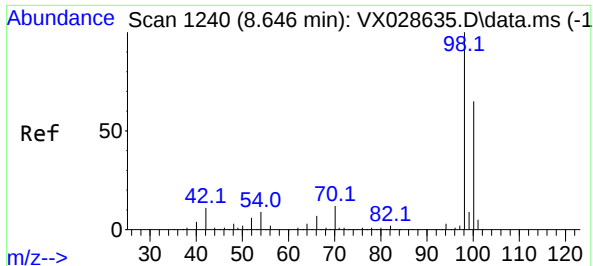
Ion Ratio Lower Upper

43 100

61 20.8 18.5 27.7

87 14.1 13.0 19.6

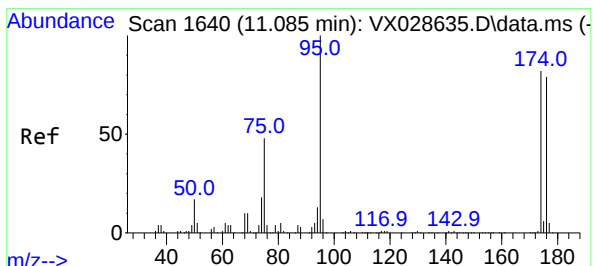
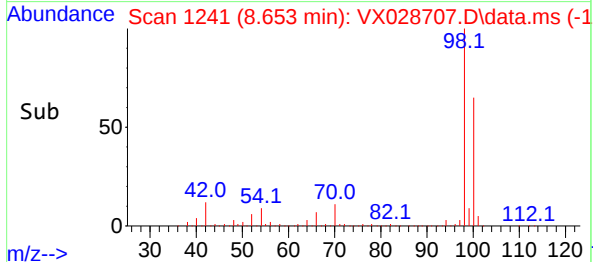
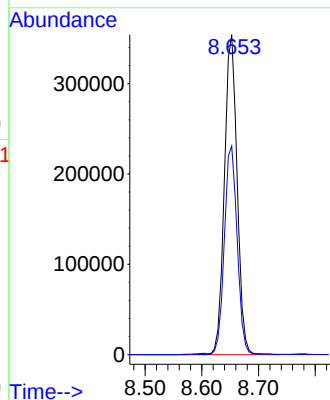
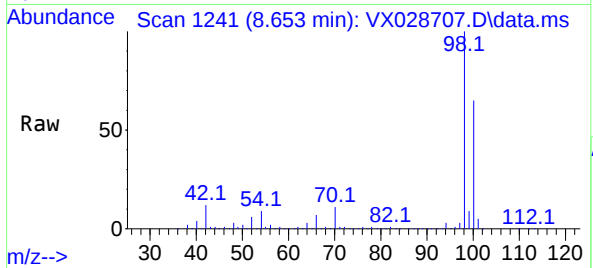




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

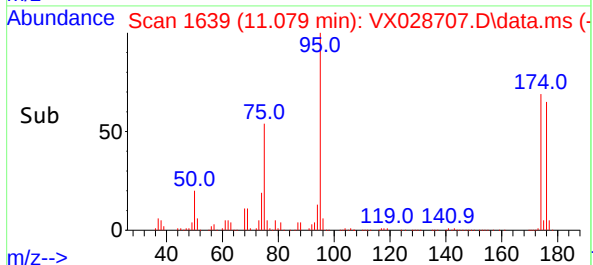
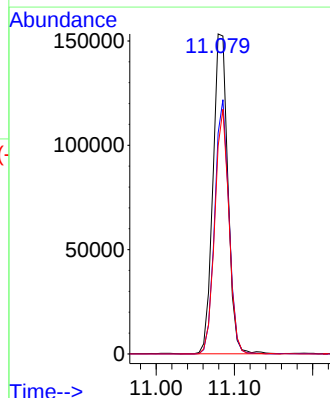
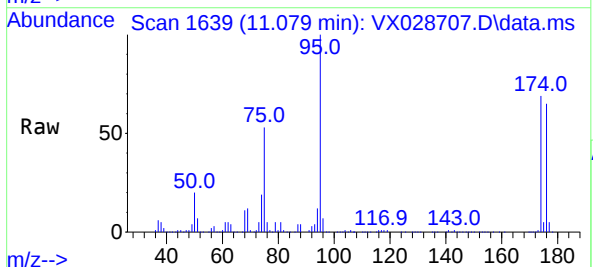
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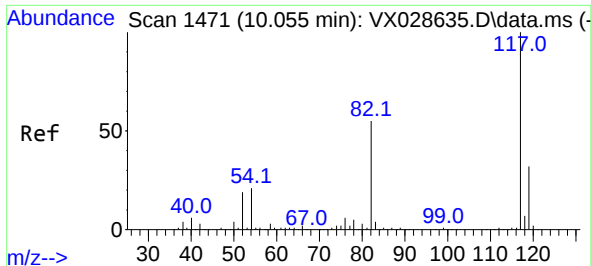
Tgt Ion: 98 Resp: 553394
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 95 Resp: 202603
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 72.7 0.0 155.0

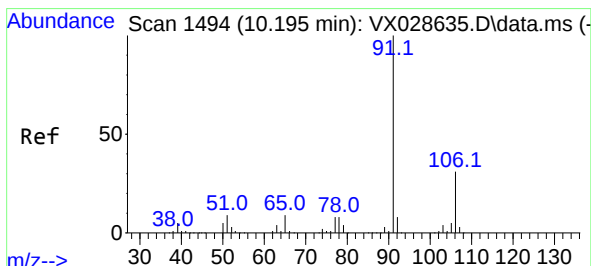
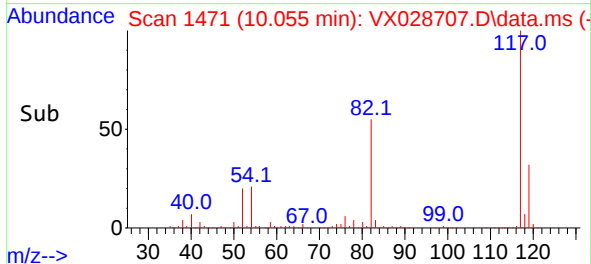
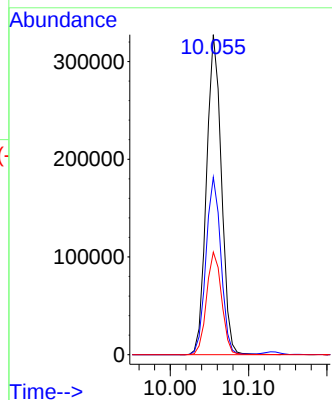
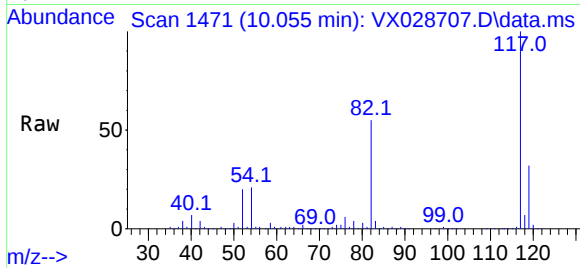




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

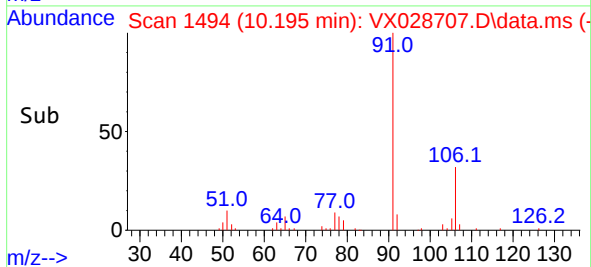
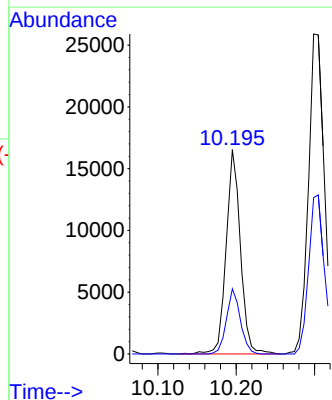
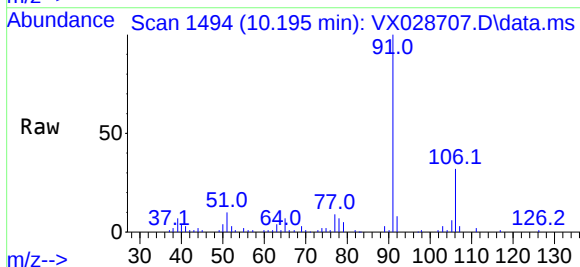
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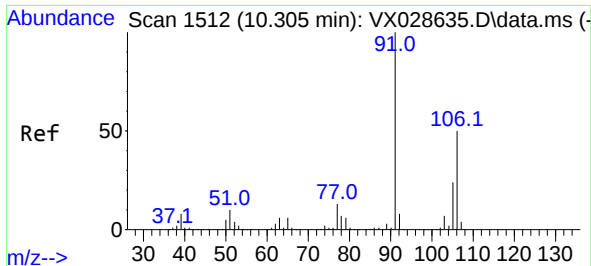
Tgt Ion:117 Resp: 431693
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.0 24.8 37.2



#67
Ethyl Benzene
Concen: 1.279 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 91 Resp: 20997
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

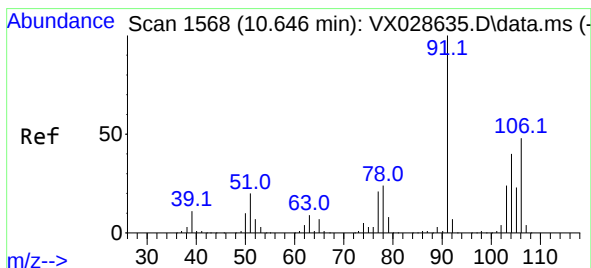
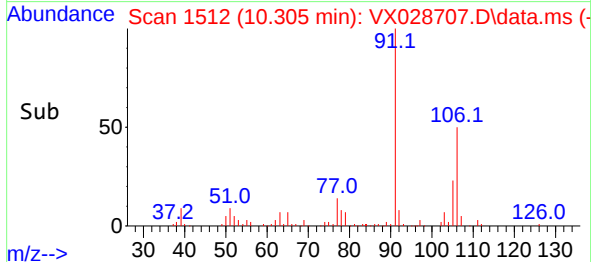
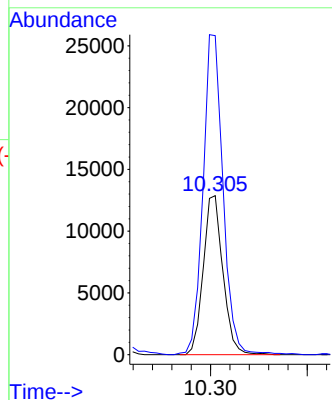
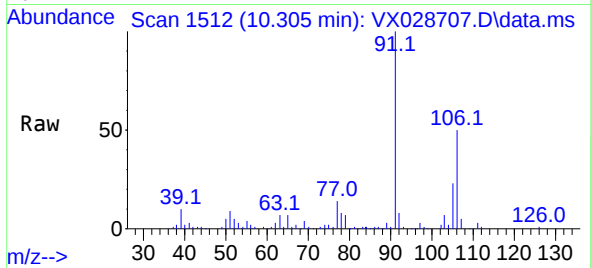




#68
m/p-Xylenes
Concen: 2.850 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

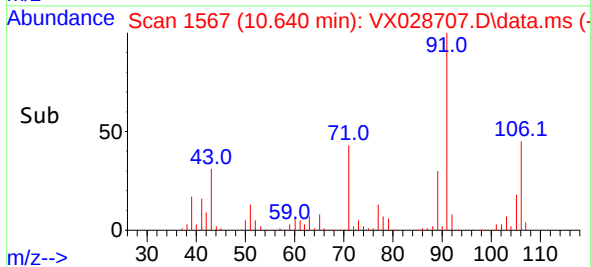
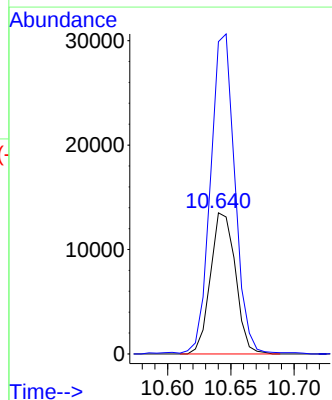
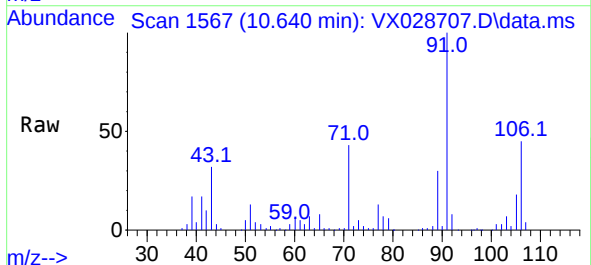
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

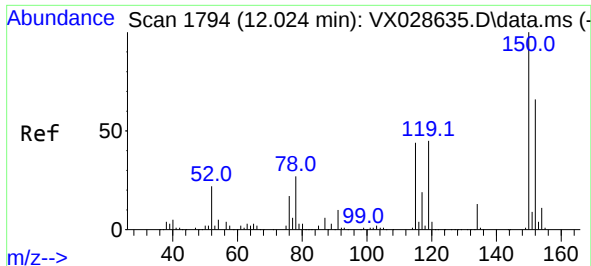
Tgt Ion:106 Resp: 18211
Ion Ratio Lower Upper
106 100
91 205.2 160.4 240.6



#69
o-Xylene
Concen: 2.946 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

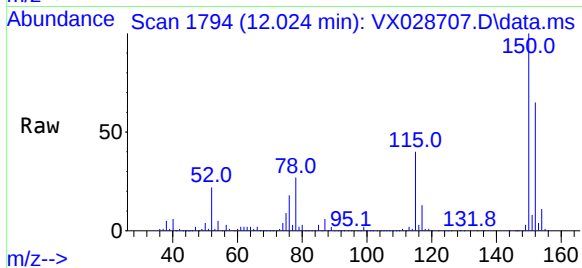
Tgt Ion:106 Resp: 18536
Ion Ratio Lower Upper
106 100
91 222.7 106.1 318.1



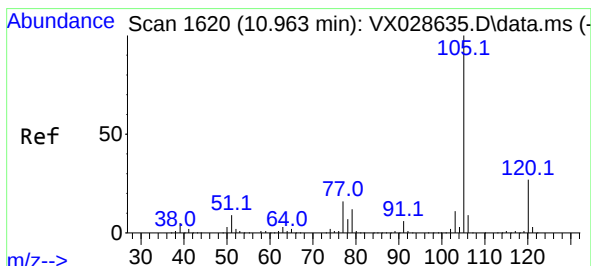
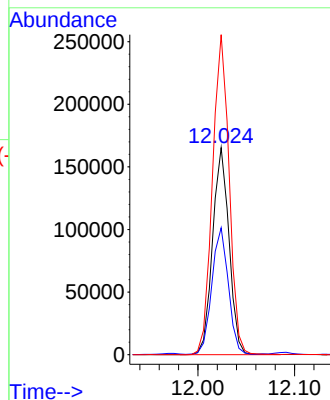
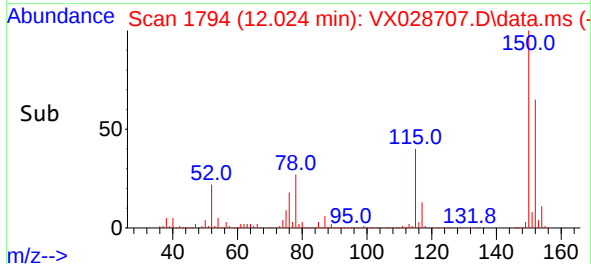


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

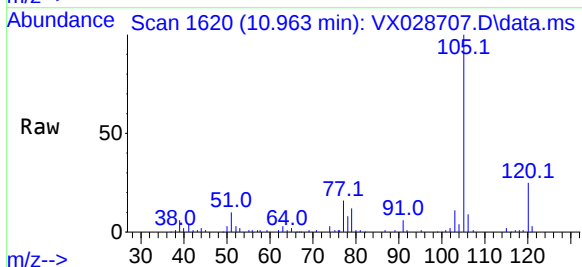
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R



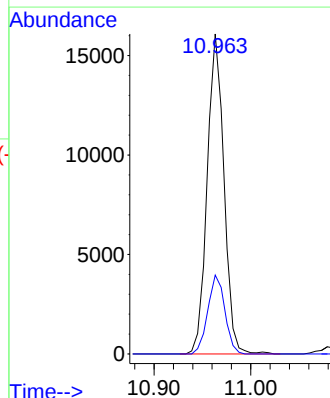
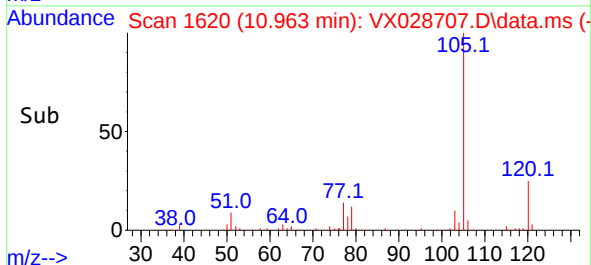
Tgt Ion:152 Resp: 194829
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.7 0.0 338.2

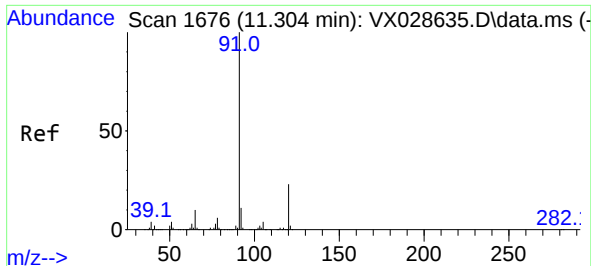


#73
Isopropylbenzene
Concen: 1.315 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21



Tgt Ion:105 Resp: 19434
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.5

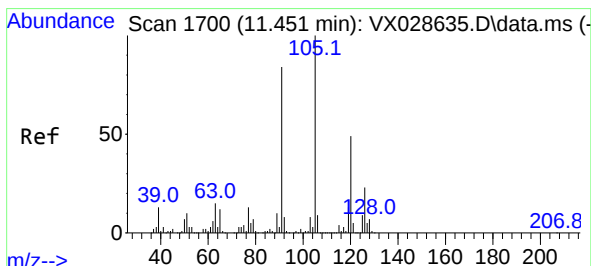
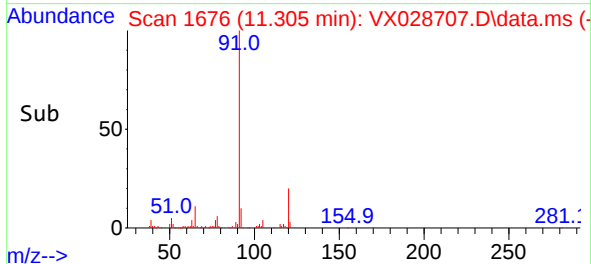
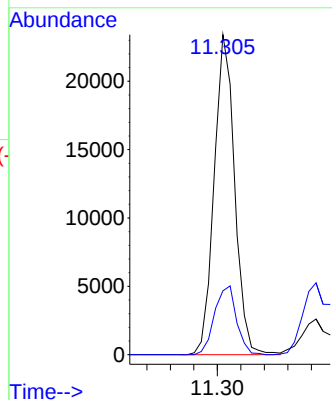
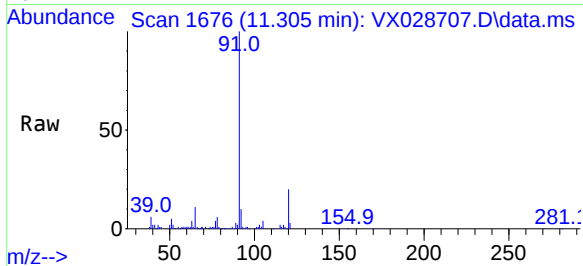




#78
n-propylbenzene
Concen: 1.660 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

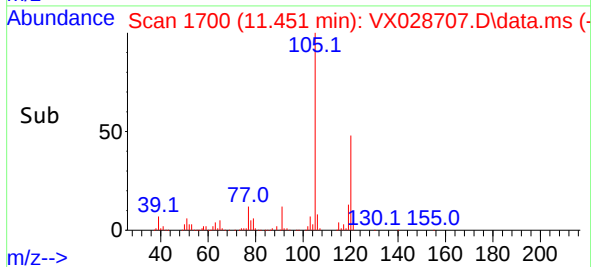
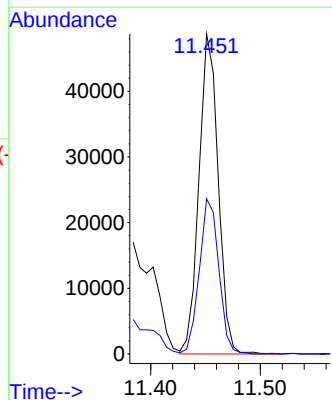
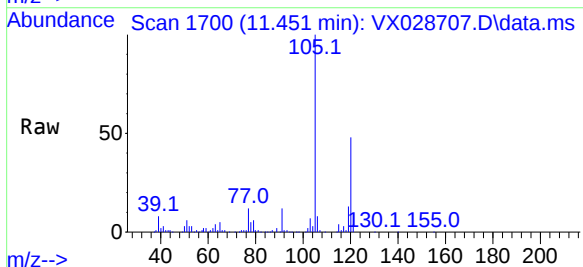
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

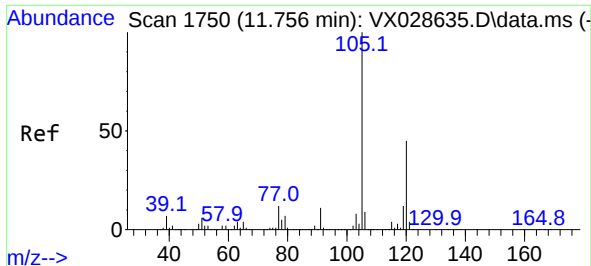
Tgt Ion: 91 Resp: 28365
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 4.832 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion: 105 Resp: 59486
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9

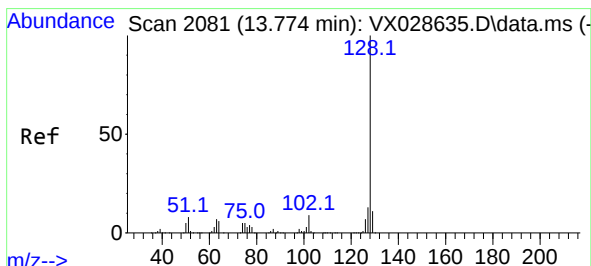
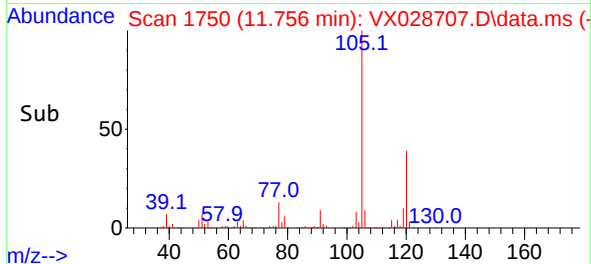
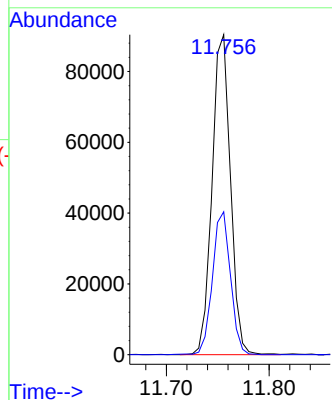
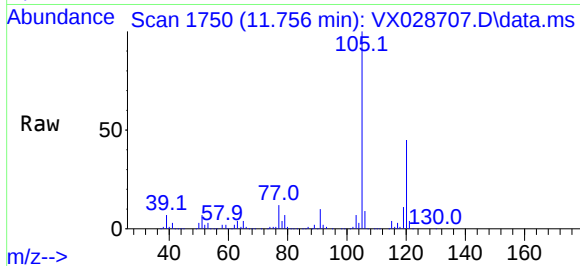




#84
1,2,4-Trimethylbenzene
Concen: 9.082 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-TP-5R

Tgt Ion:105 Resp: 112116
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8



#95
Naphthalene
Concen: 3.850 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028707.D
Acq: 14 May 2022 03:21

Tgt Ion:128 Resp: 53302
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 13.0 8.7 13.1

