

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028899.D
 Acq On : 23 May 2022 17:09
 Operator : JC/MD
 Sample : N2970-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220519

Quant Time: May 24 05:34:26 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)

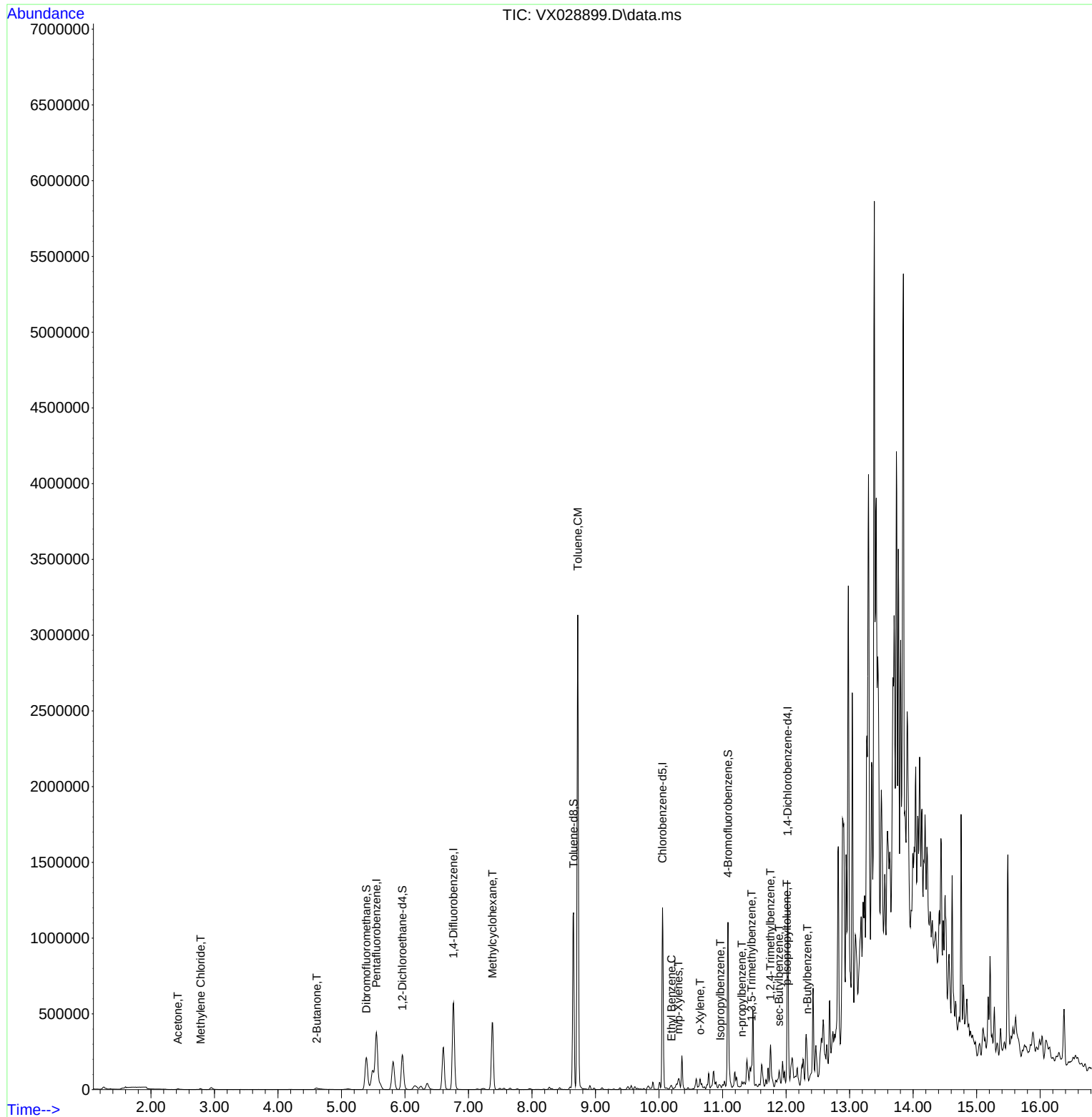
Internal Standards						
1) Pentafluorobenzene	5.549	168	353036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	606805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	560500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	232963	48.140	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.280%
35) Dibromofluoromethane	5.391	113	187623	47.192	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.380%
50) Toluene-d8	8.653	98	715608	47.742	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.085	95	281212	50.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.460%
Target Compounds						
					Qvalue	
16) Acetone	2.422	43	8469	4.078	ug/l	97
20) Methylene Chloride	2.782	84	3220	0.739	ug/l #	88
25) 2-Butanone	4.611	43	28526	8.750	ug/l	94
39) Methylcyclohexane	7.378	83	211531	30.889	ug/l	95
52) Toluene	8.720	92	1181318	107.006	ug/l	96
67) Ethyl Benzene	10.195	91	9305	0.437	ug/l	98
68) m/p-Xylenes	10.305	106	12627	1.522	ug/l	98
69) o-Xylene	10.646	106	14229	1.742	ug/l	99
73) Isopropylbenzene	10.963	105	6472	0.315	ug/l	99
78) n-propylbenzene	11.304	91	24503	1.030	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	48116	2.807	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	107012	6.226	ug/l	99
85) sec-Butylbenzene	11.890	105	17387	0.849	ug/l #	75
86) p-Isopropyltoluene	12.012	119	13252	0.771	ug/l	90
89) n-Butylbenzene	12.335	91	42078	2.827	ug/l #	52

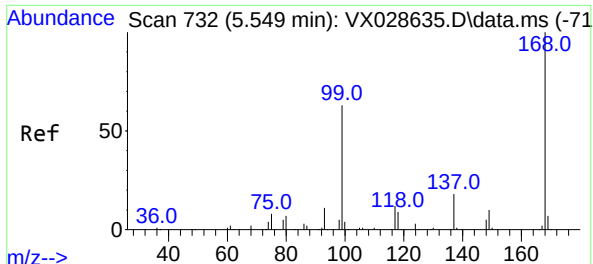
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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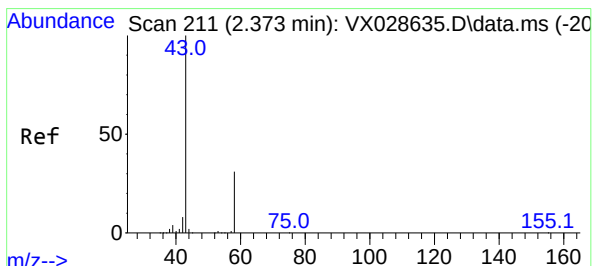
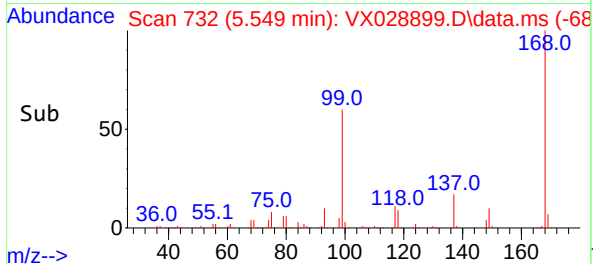
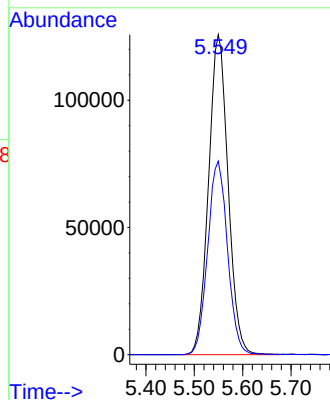
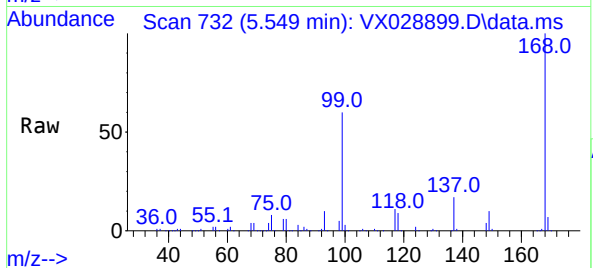




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

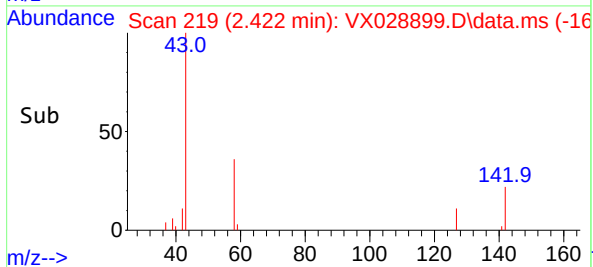
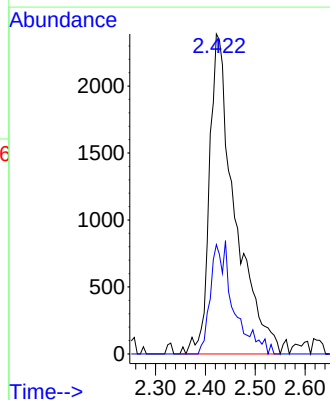
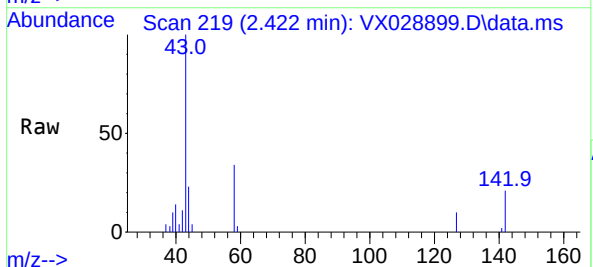
Instrument :
MSVOA_X
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DUP01-20220519

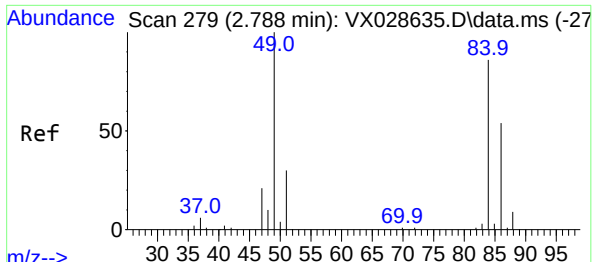
Tgt Ion:168 Resp: 353036
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#16
Acetone
Concen: 4.078 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.049 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

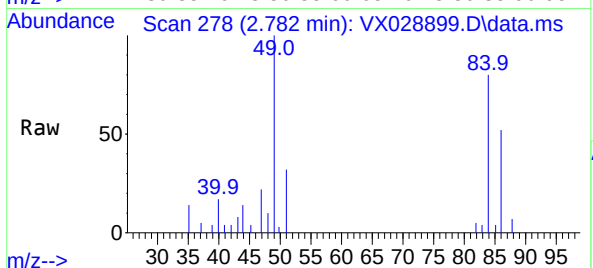
Tgt Ion: 43 Resp: 8469
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2





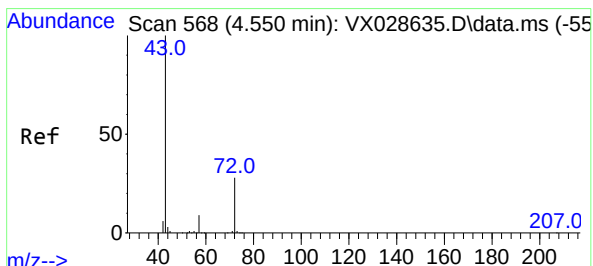
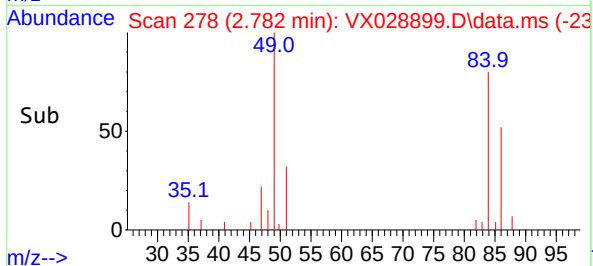
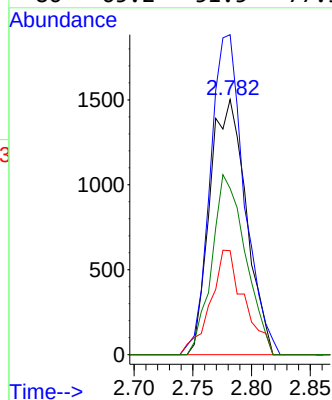
#20
Methylene Chloride
Concen: 0.739 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 84 Resp: 3220

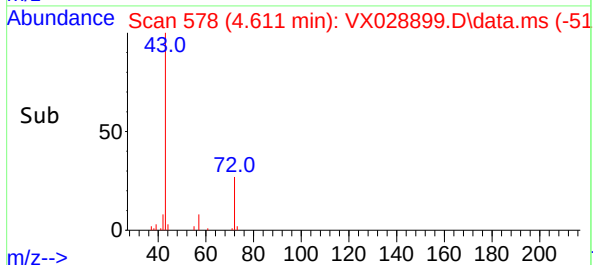
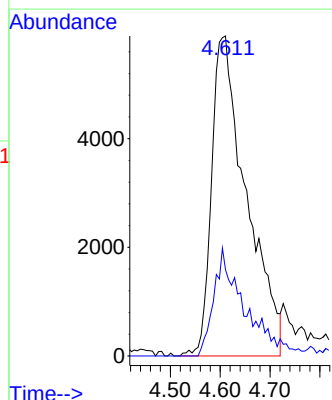
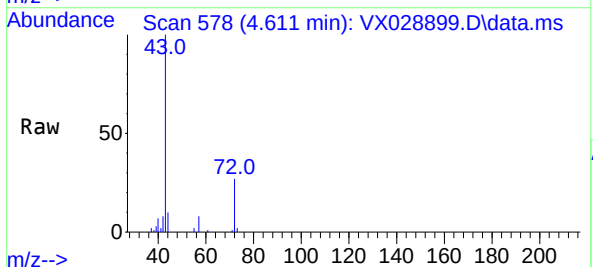
Ion	Ratio	Lower	Upper
84	100		
49	125.4	85.5	128.3
51	40.7	26.6	39.8#
86	65.2	51.5	77.3

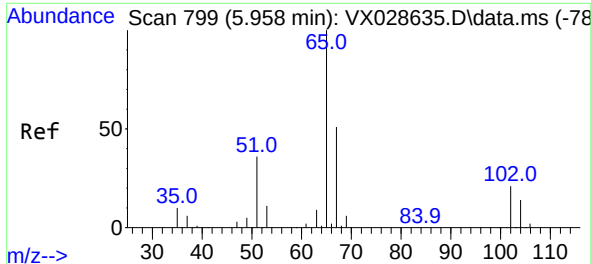


#25
2-Butanone
Concen: 8.750 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.061 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 43 Resp: 28526

Ion	Ratio	Lower	Upper
43	100		
72	27.0	24.4	36.6





#33

1,2-Dichloroethane-d4

Concen: 48.140 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028899.D

Acq: 23 May 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

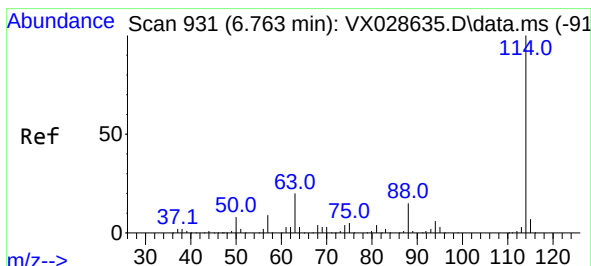
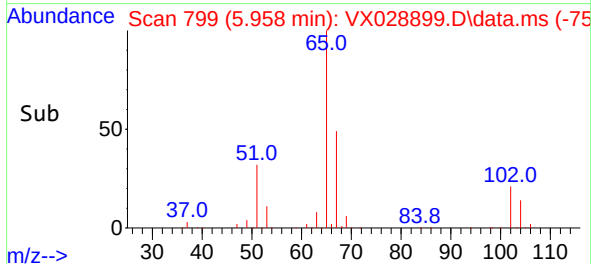
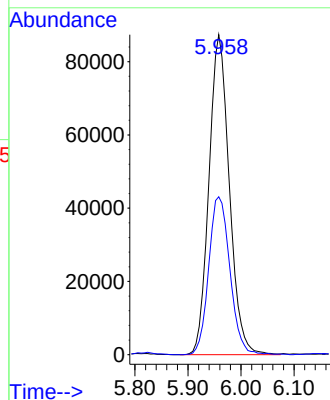
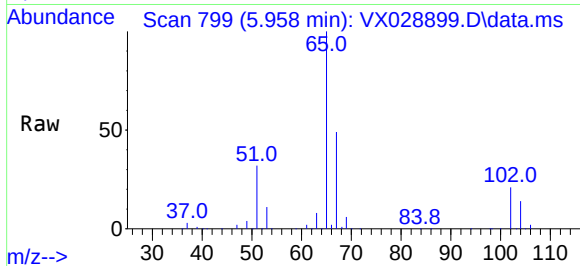
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Tgt Ion: 65 Resp: 232963

Ion Ratio Lower Upper

65 100

67 51.4 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: VX028899.D

Acq: 23 May 2022 17:09

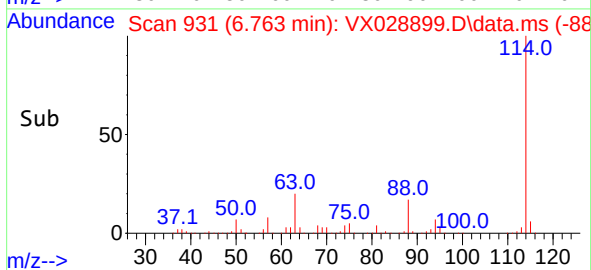
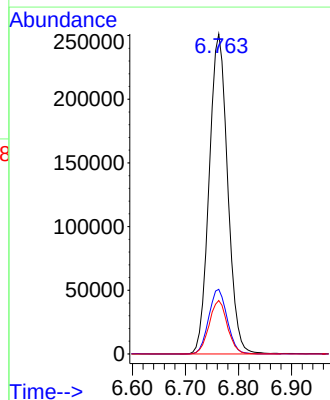
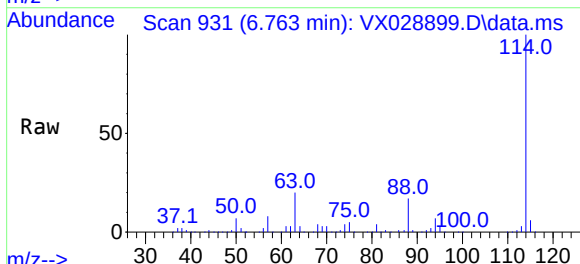
Tgt Ion: 114 Resp: 606805

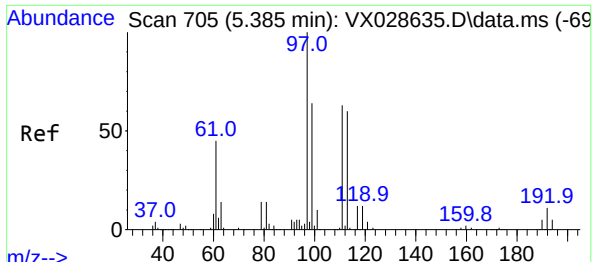
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.7 0.0 32.4

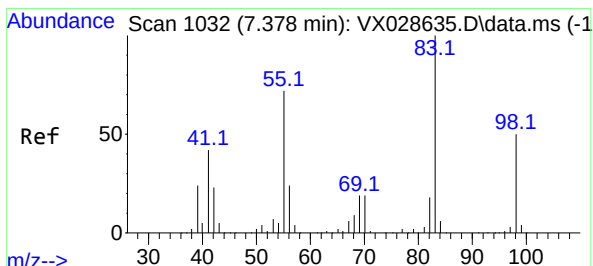
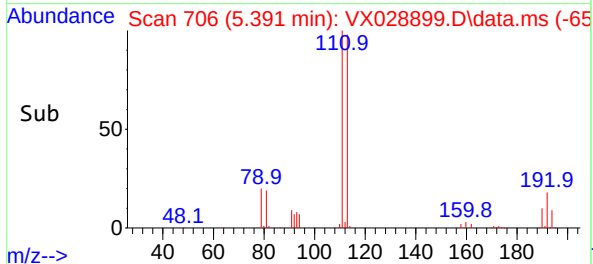
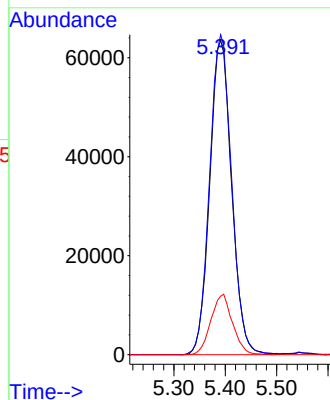
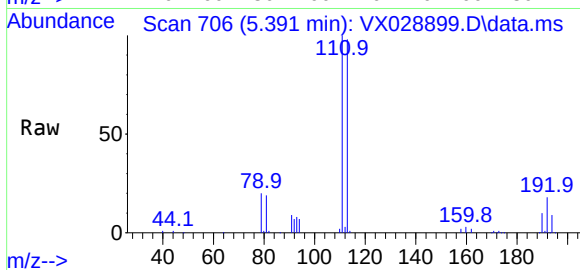




#35
Dibromofluoromethane
Concen: 47.192 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

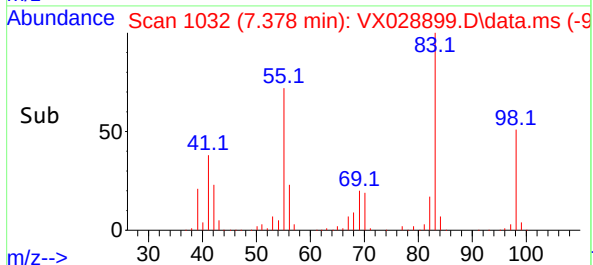
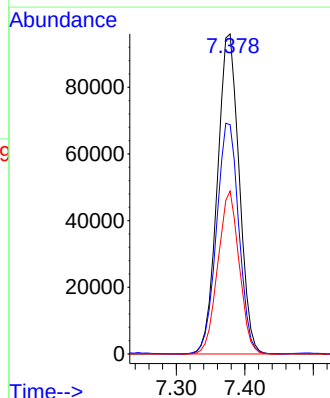
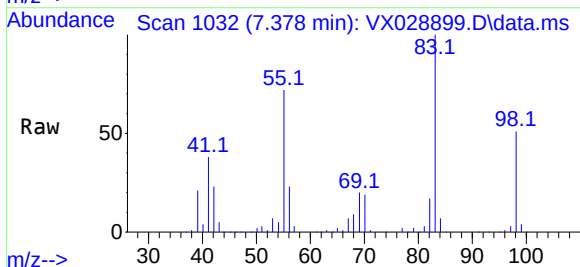
Instrument :
MSVOA_X
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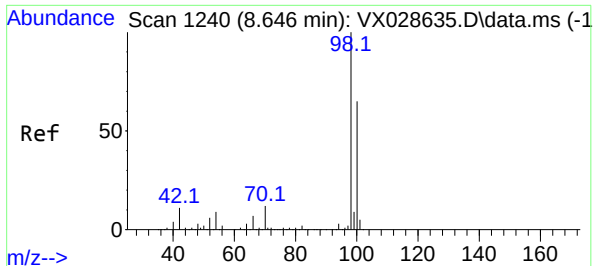
Tgt Ion:113 Resp: 187623
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.0 16.9 25.3



#39
Methylcyclohexane
Concen: 30.889 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 83 Resp: 211531
Ion Ratio Lower Upper
83 100
55 71.7 54.6 81.8
98 50.9 37.4 56.2

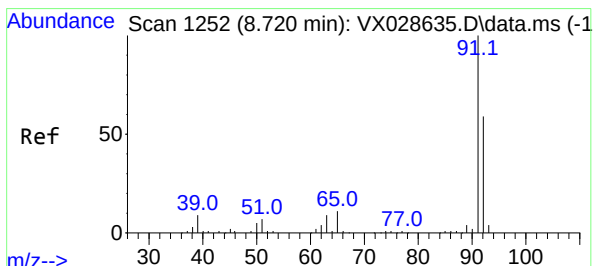
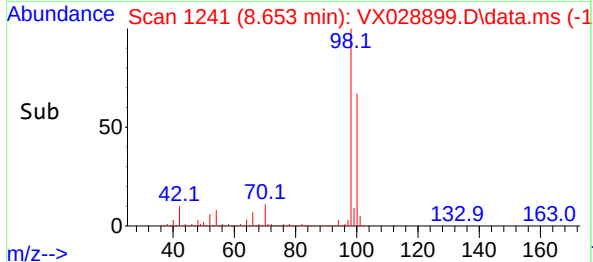
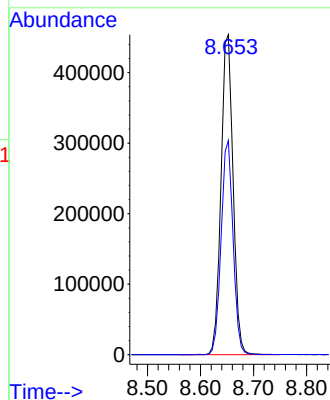
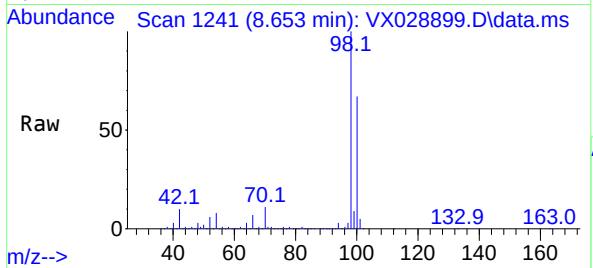




#50
Toluene-d8
Concen: 47.742 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

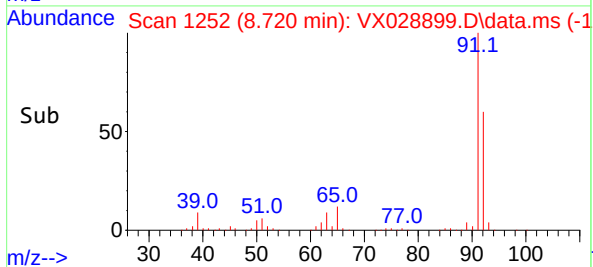
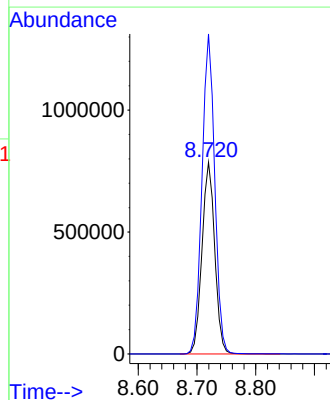
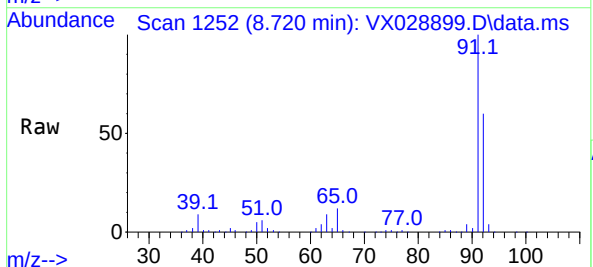
Instrument :
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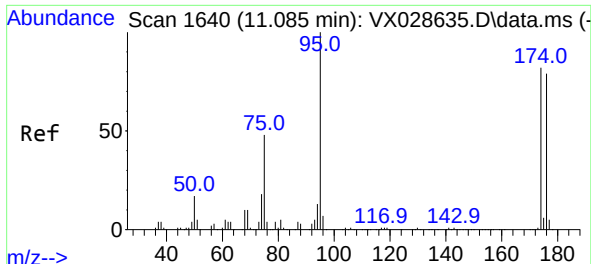
Tgt Ion: 98 Resp: 715608
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#52
Toluene
Concen: 107.006 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 92 Resp: 1181318
Ion Ratio Lower Upper
92 100
91 166.7 137.5 206.3

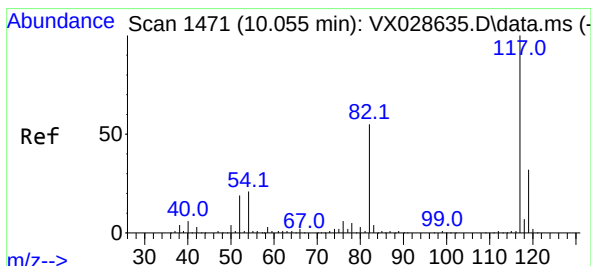
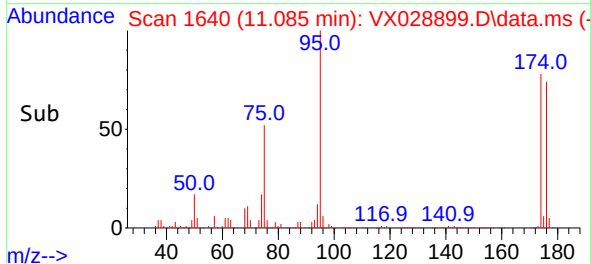
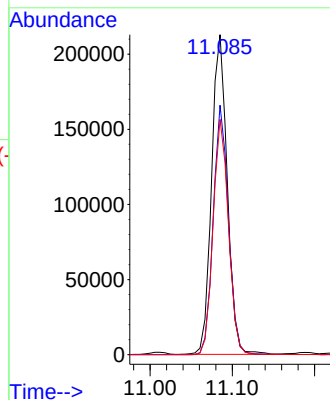
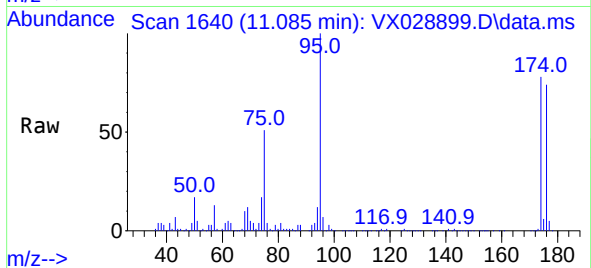




#62
4-Bromofluorobenzene
Concen: 50.230 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

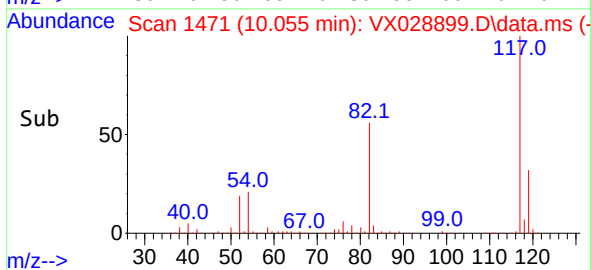
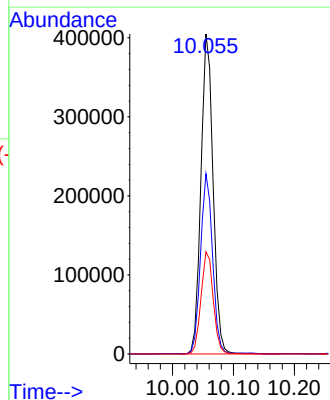
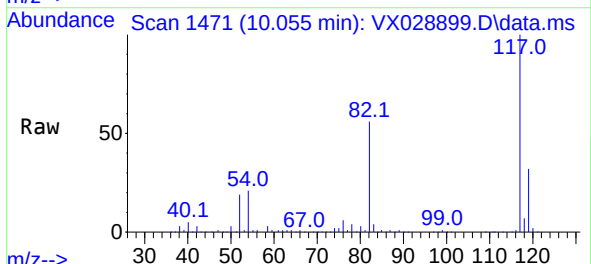
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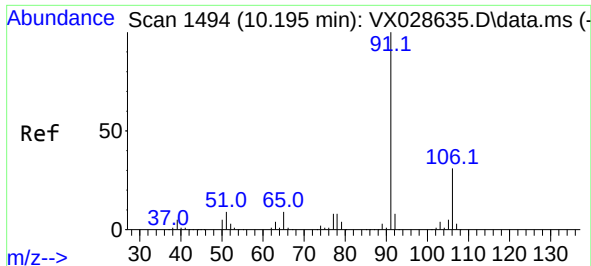
Tgt Ion: 95 Resp: 281212
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 72.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 117 Resp: 560500
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.9 24.8 37.2

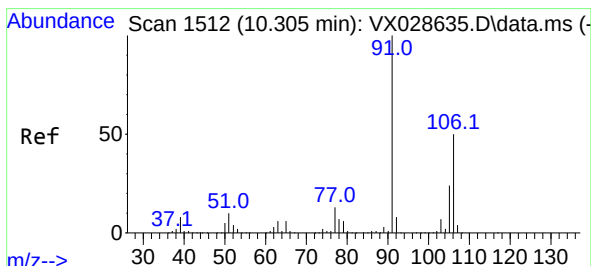
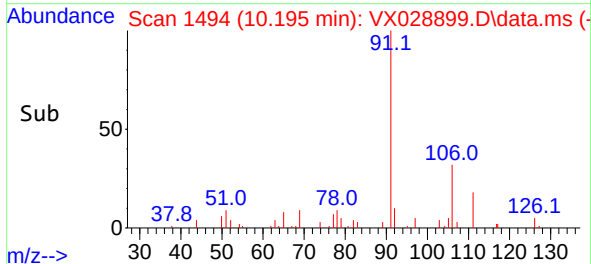
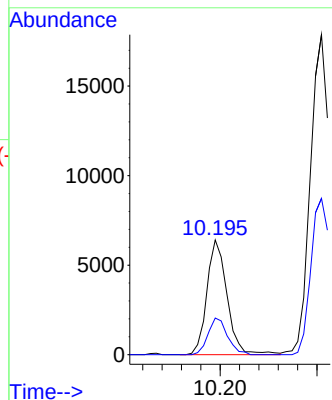
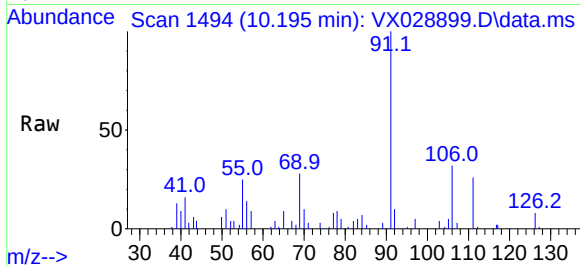




#67
Ethyl Benzene
Concen: 0.437 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

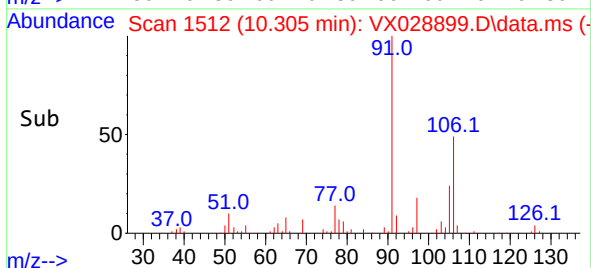
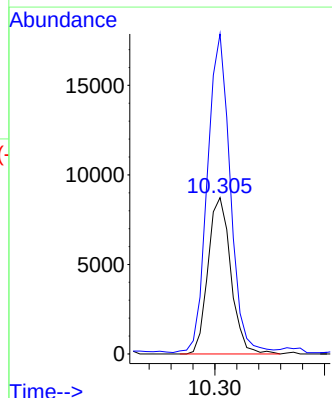
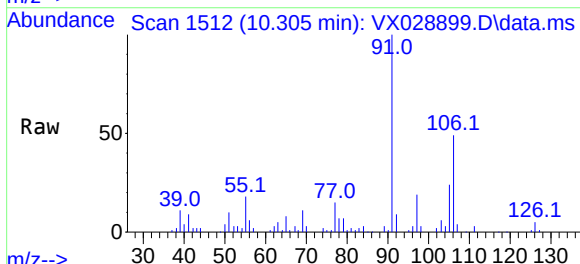
Instrument :
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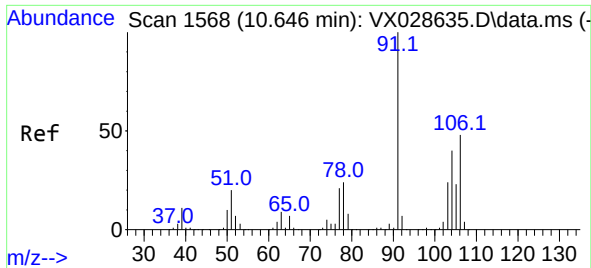
Tgt Ion: 91 Resp: 9305
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



#68
m/p-Xylenes
Concen: 1.522 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 106 Resp: 12627
Ion Ratio Lower Upper
106 100
91 203.1 160.4 240.6

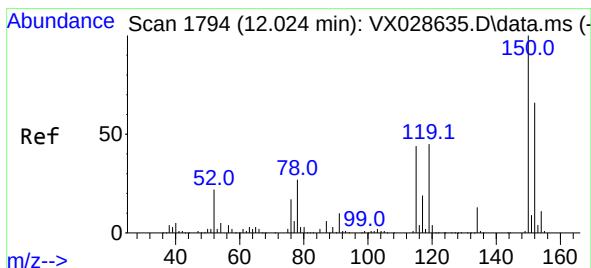
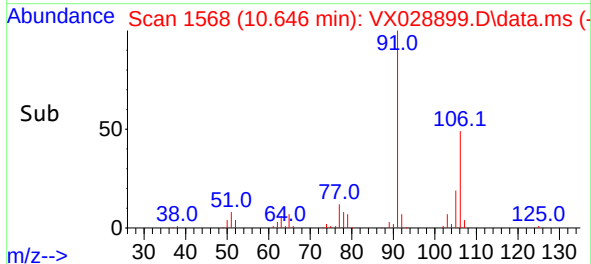
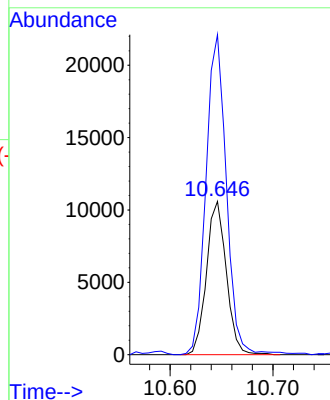
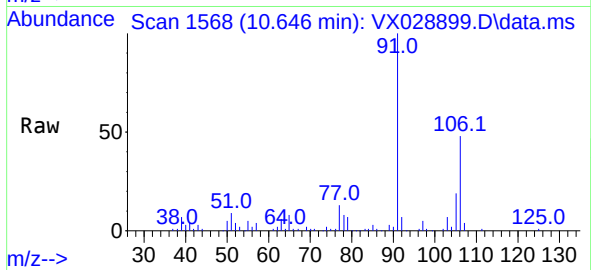




#69
o-Xylene
Concen: 1.742 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

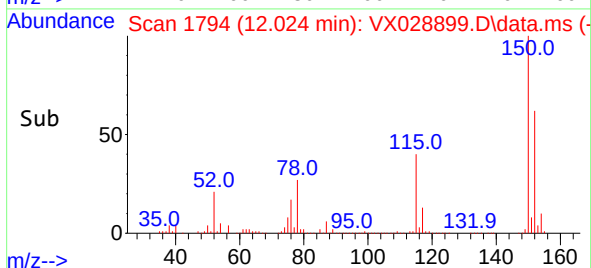
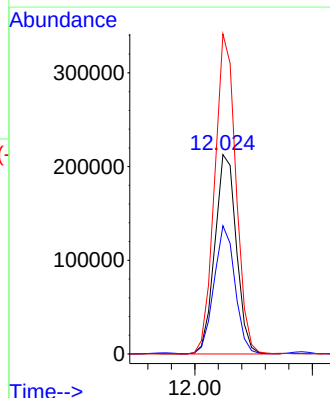
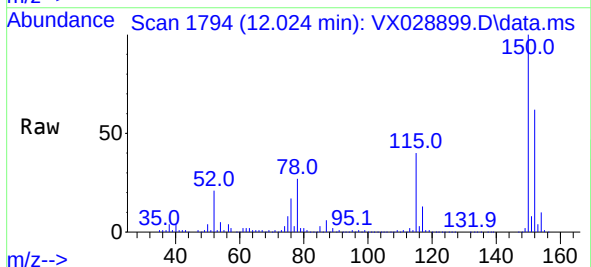
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220519

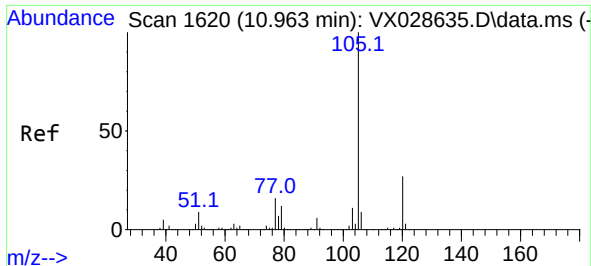
Tgt Ion:106 Resp: 14229
Ion Ratio Lower Upper
106 100
91 214.3 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion:152 Resp: 271268
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.2 0.0 338.2

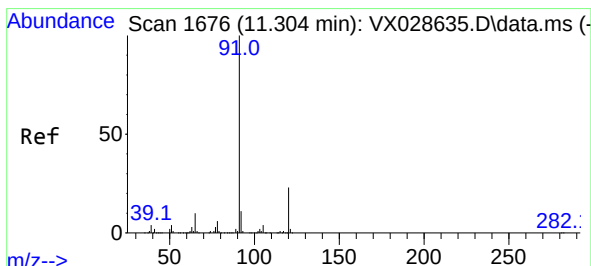
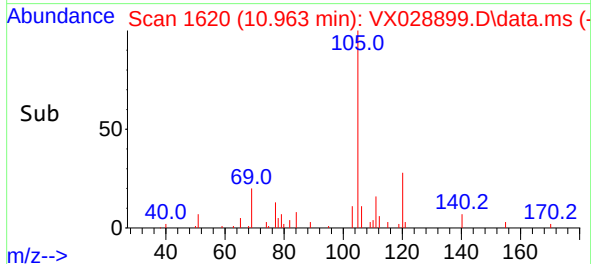
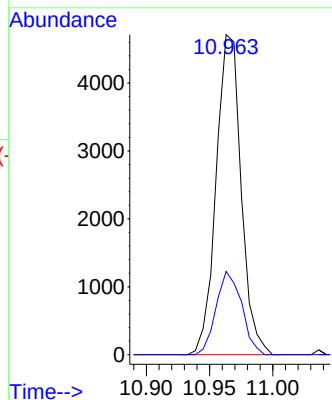
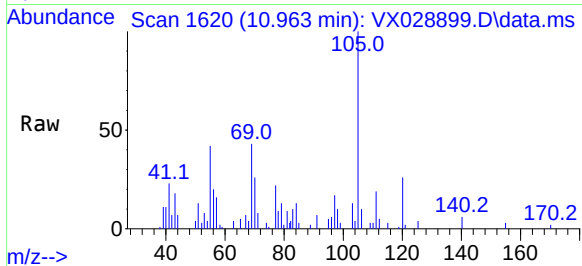




#73
Isopropylbenzene
Concen: 0.315 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

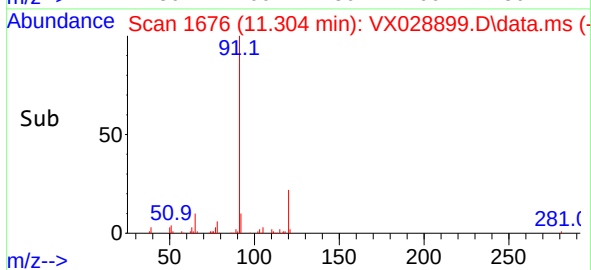
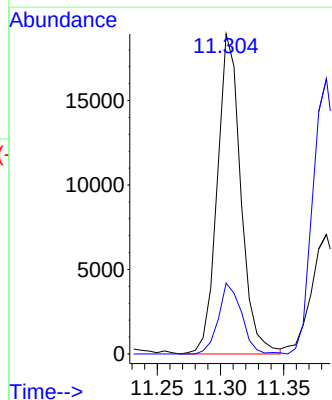
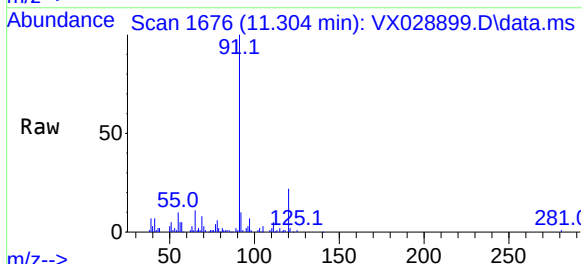
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220519

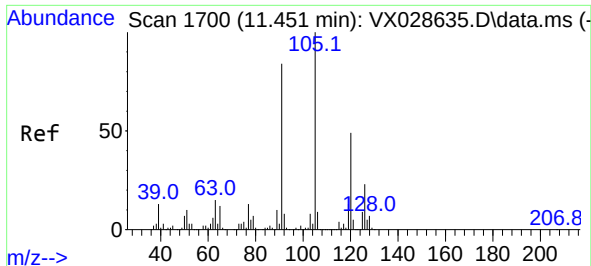
Tgt Ion:105 Resp: 6472
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#78
n-propylbenzene
Concen: 1.030 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion: 91 Resp: 24503
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.8

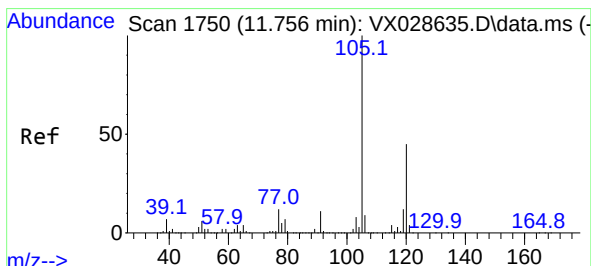
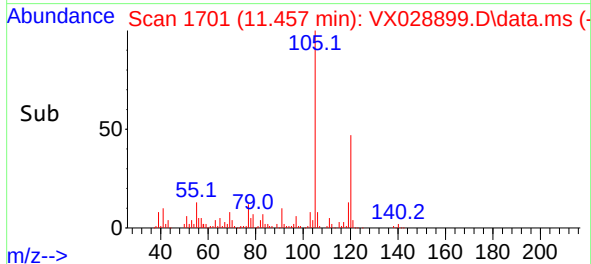
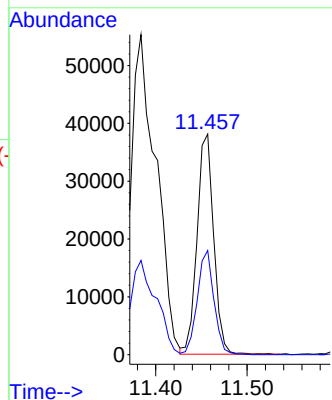
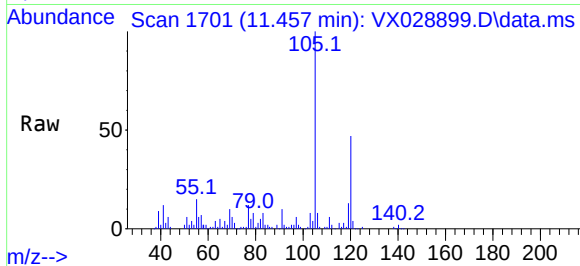




#80
1,3,5-Trimethylbenzene
Concen: 2.807 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

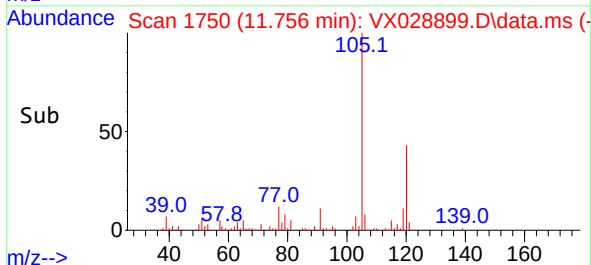
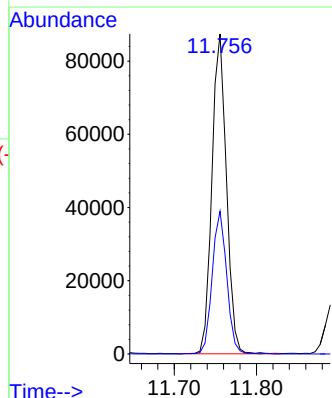
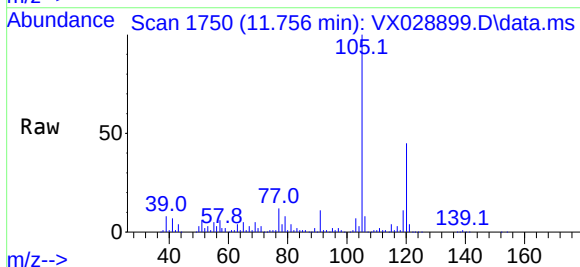
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220519

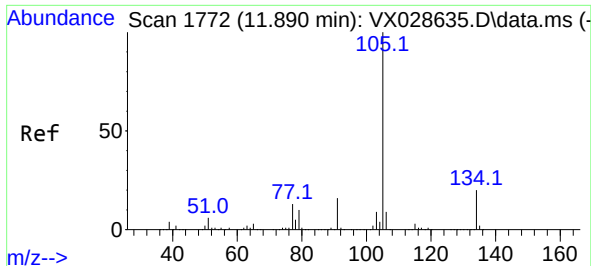
Tgt Ion:105 Resp: 48116
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 6.226 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028899.D
Acq: 23 May 2022 17:09

Tgt Ion:105 Resp: 107012
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8

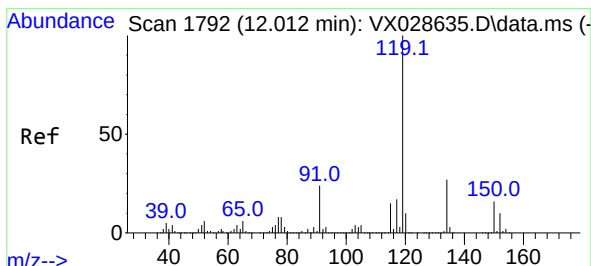
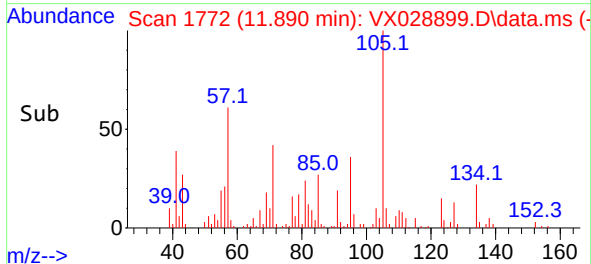
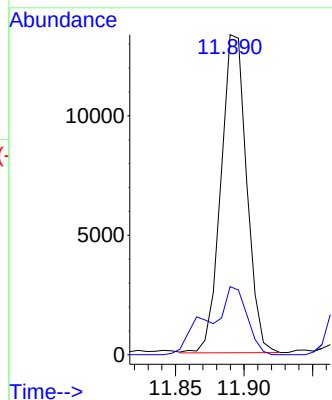
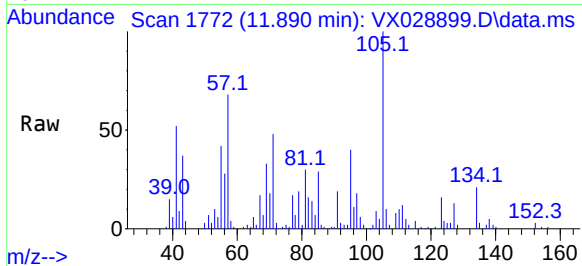




#85
 sec-Butylbenzene
 Concen: 0.849 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028899.D
 Acq: 23 May 2022 17:09

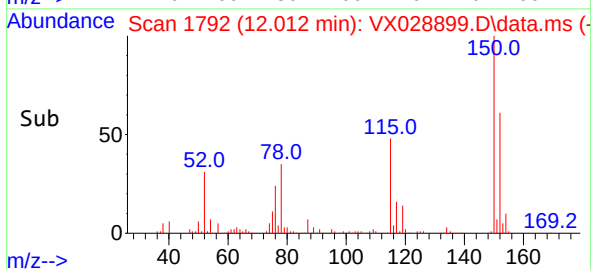
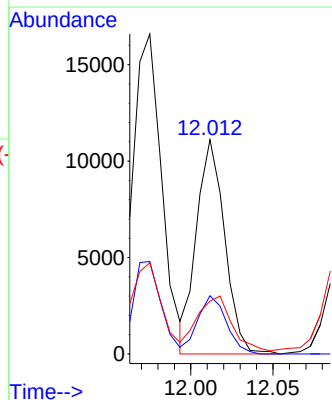
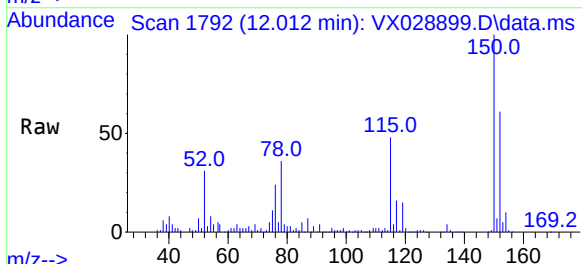
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220519

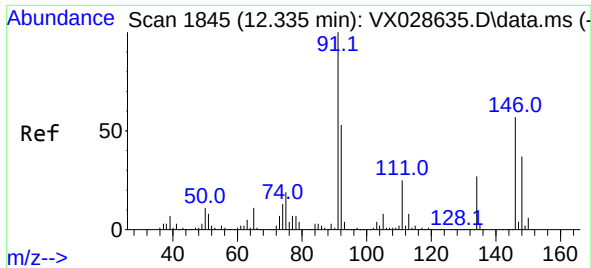
Tgt Ion:105 Resp: 17387
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 0.771 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028899.D
 Acq: 23 May 2022 17:09

Tgt Ion:119 Resp: 13252
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.0 39.0
 91 30.6 11.3 33.9





#89
 n-Butylbenzene
 Concen: 2.827 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028899.D
 Acq: 23 May 2022 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220519

Tgt Ion: 91 Resp: 42078
 Ion Ratio Lower Upper
 91 100
 92 37.7 27.8 83.3
 134 76.3 13.3 39.8#

