

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028823.D
 Acq On : 19 May 2022 14:23
 Operator : JC/MD
 Sample : N2941-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30S-20220518

Quant Time: May 20 01:46:59 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)

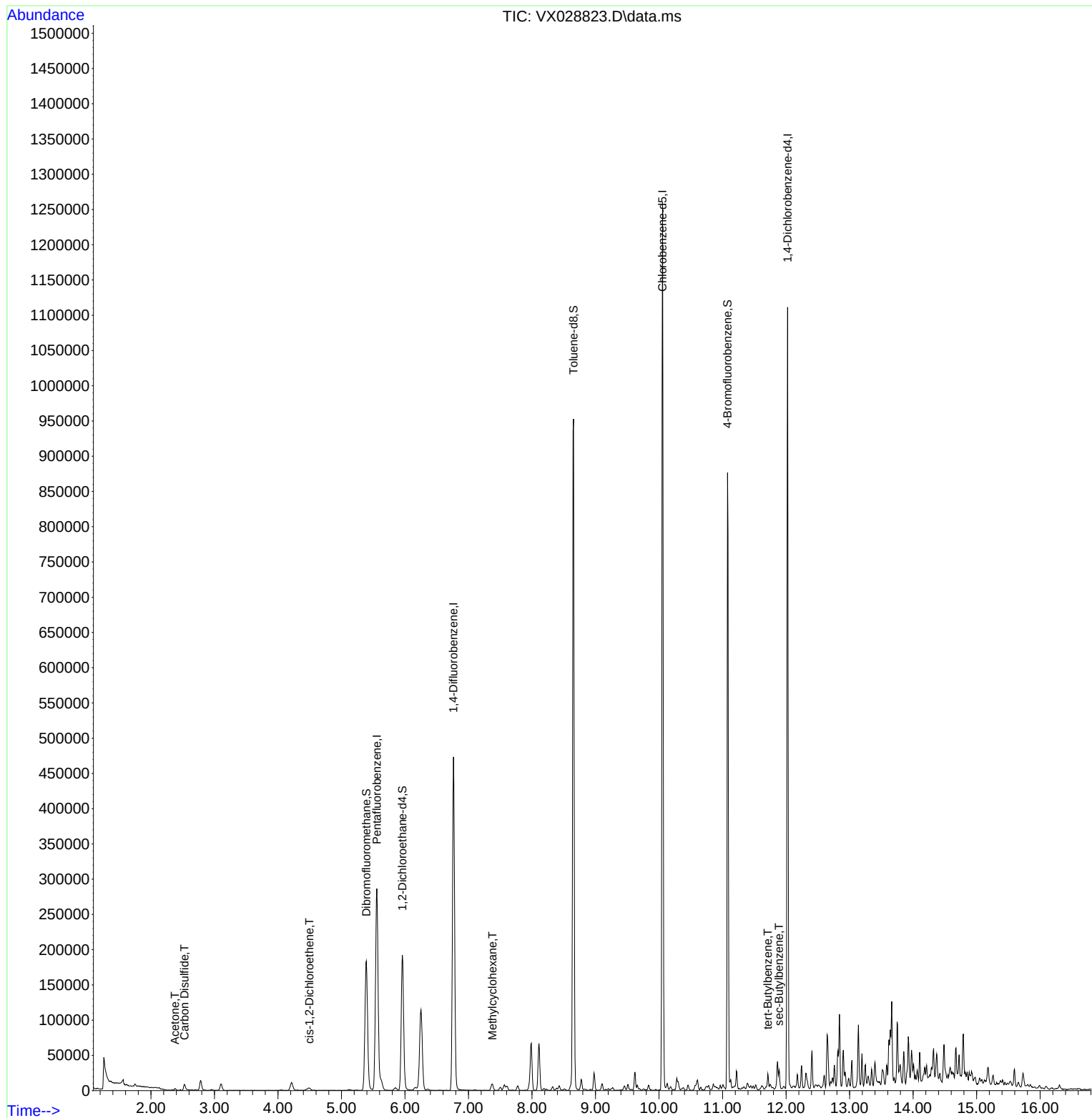
Internal Standards						
1) Pentafluorobenzene	5.556	168	260089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	478285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184031	51.618	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.240%		
35) Dibromofluoromethane	5.391	113	157726	50.333	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.660%		
50) Toluene-d8	8.653	98	571981	48.414	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 96.820%		
62) 4-Bromofluorobenzene	11.079	95	223495	50.647	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.300%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	2658	1.737	ug/l	# 75
17) Carbon Disulfide	2.526	76	9493	1.360	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1901	0.537	ug/l	92
39) Methylcyclohexane	7.379	83	2912	0.539	ug/l	# 63
83) tert-Butylbenzene	11.713	119	7037	0.541	ug/l	84
85) sec-Butylbenzene	11.890	105	12331	0.768	ug/l	# 56

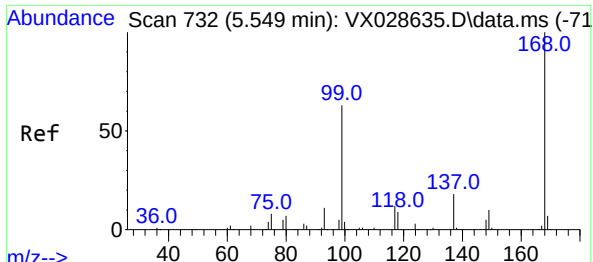
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

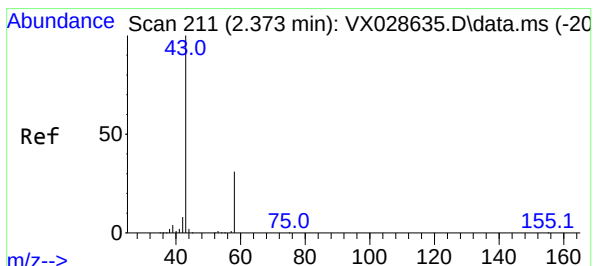
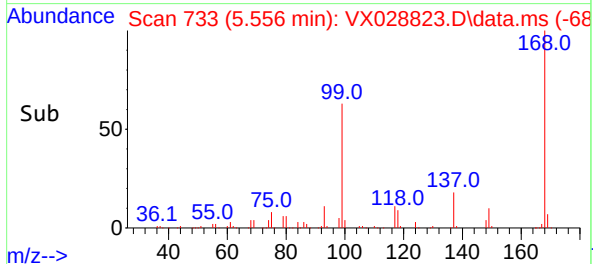
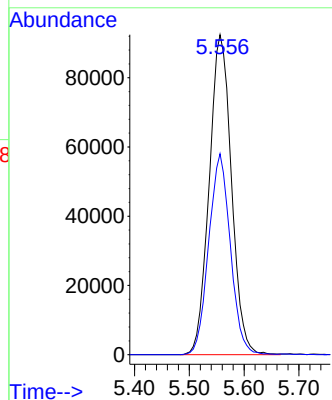
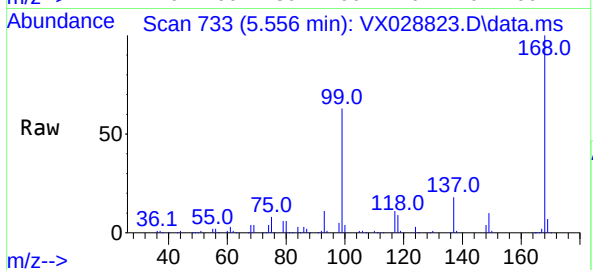




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

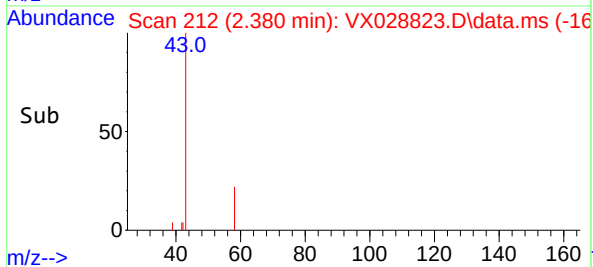
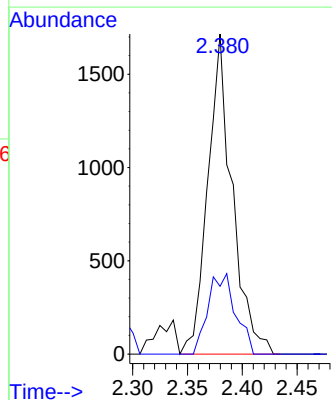
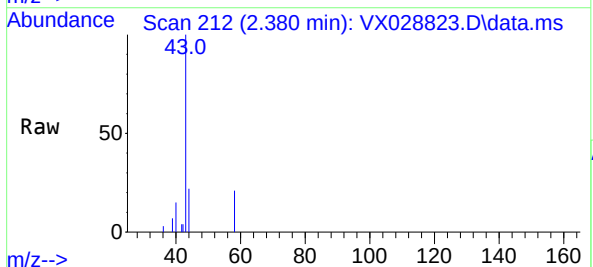
Instrument :
MSVOA_X
ClientSampleId :
30S-20220518

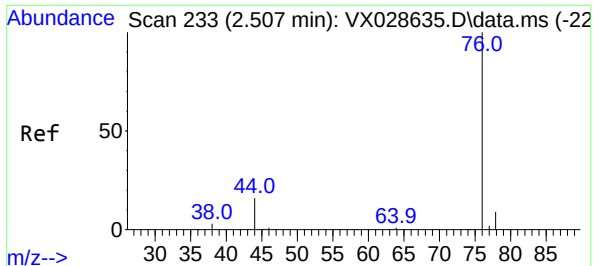
Tgt Ion:168 Resp: 260089
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#16
Acetone
Concen: 1.737 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
58 21.2 28.8 43.2#

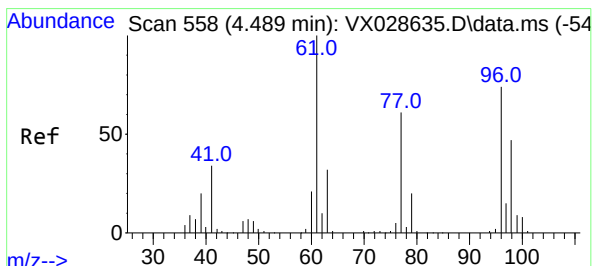
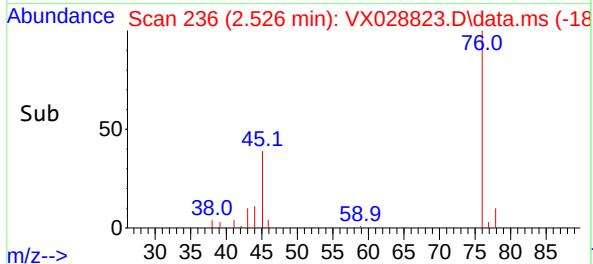
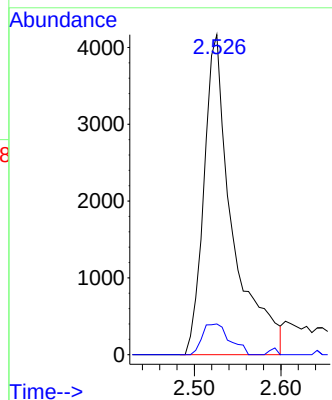
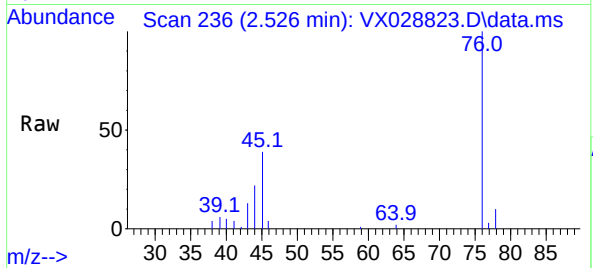




#17
Carbon Disulfide
Concen: 1.360 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

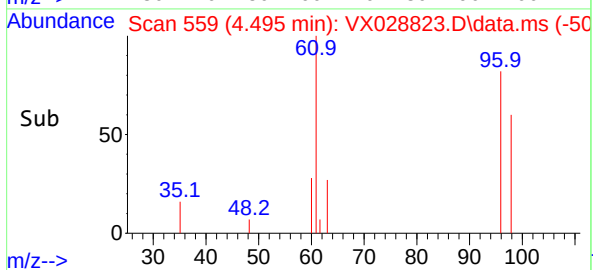
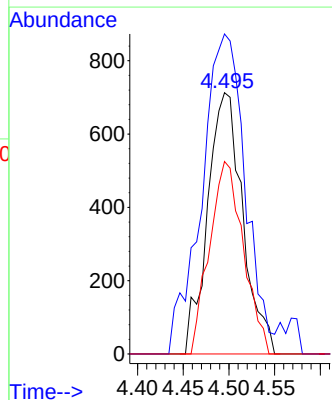
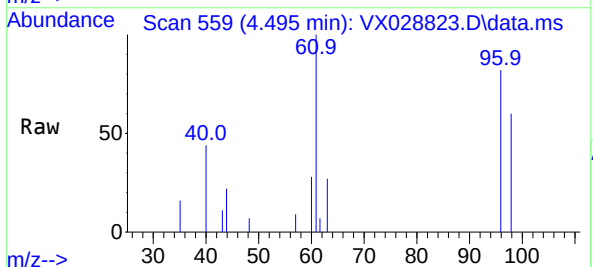
Instrument :
MSVOA_X
ClientSampleId :
30S-20220518

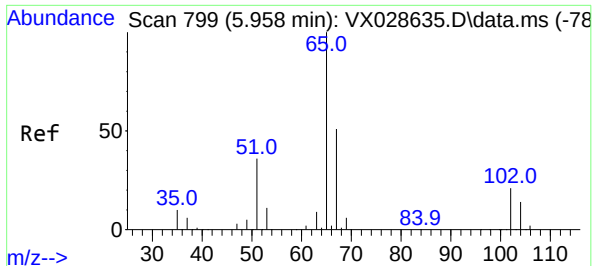
Tgt Ion: 76 Resp: 9493
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#27
cis-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion: 96 Resp: 1901
Ion Ratio Lower Upper
96 100
61 152.7 0.0 283.8
98 71.1 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 51.618 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028823.D

Acq: 19 May 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

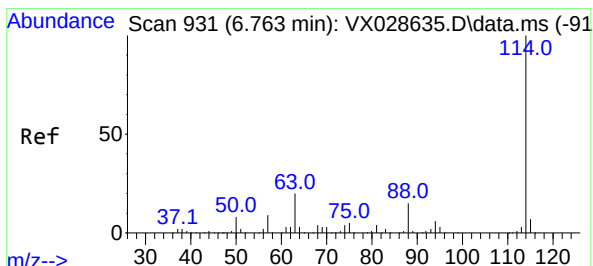
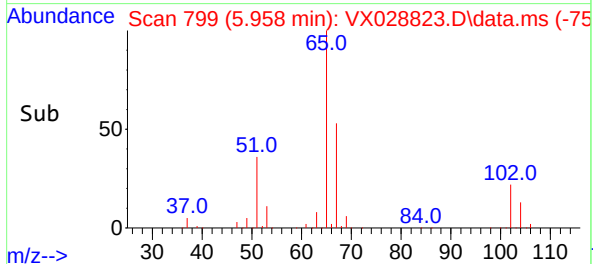
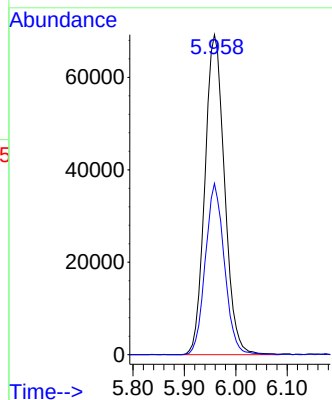
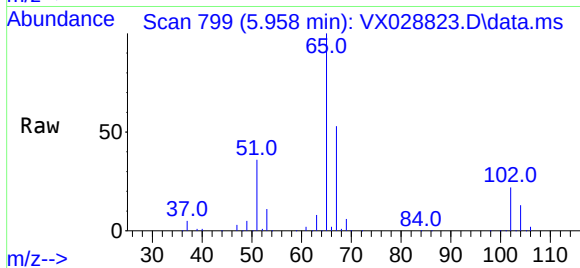
30S-20220518

Tgt Ion: 65 Resp: 184031

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028823.D

Acq: 19 May 2022 14:23

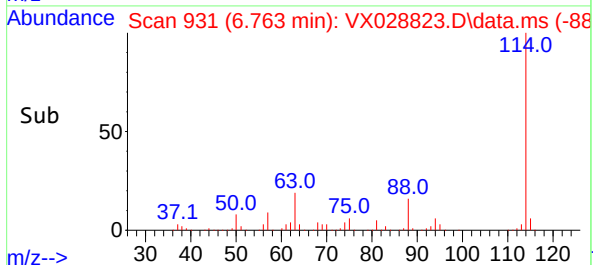
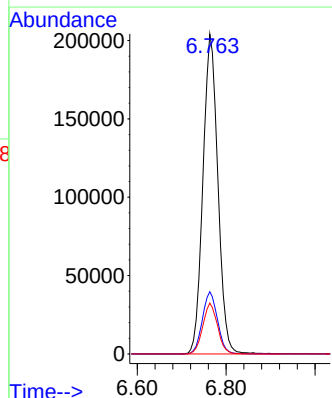
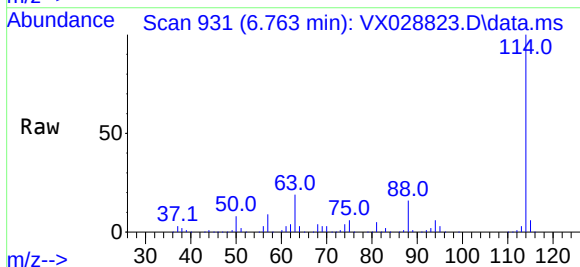
Tgt Ion: 114 Resp: 478285

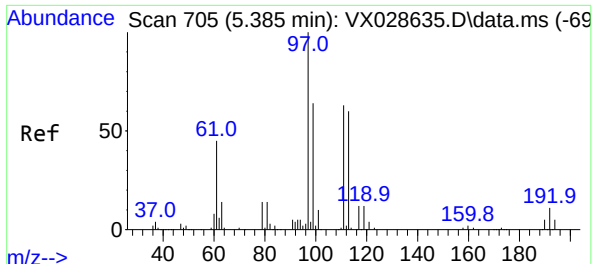
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 15.9 0.0 32.4

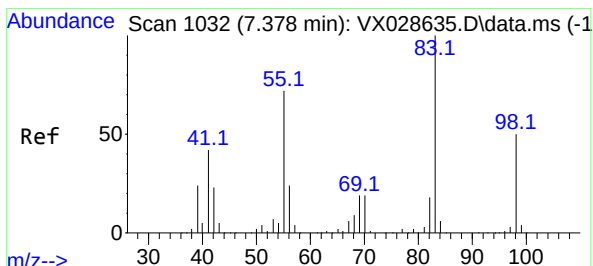
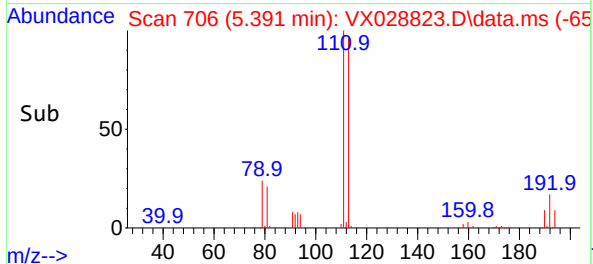
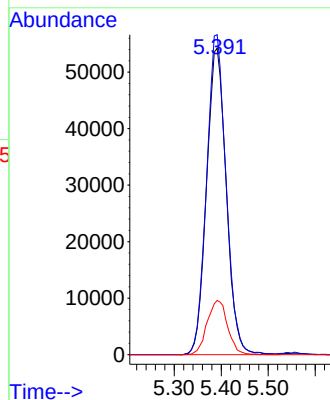
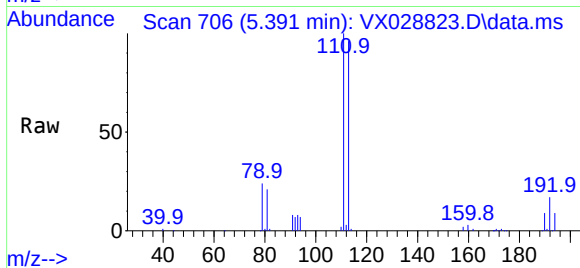




#35
Dibromofluoromethane
Concen: 50.333 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

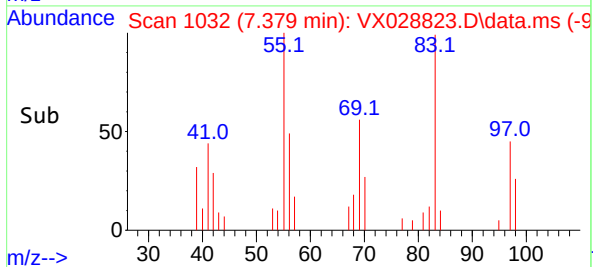
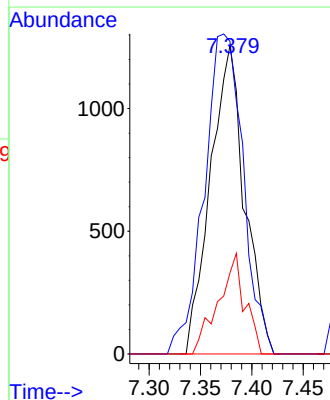
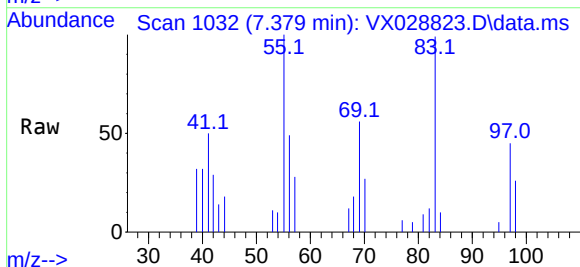
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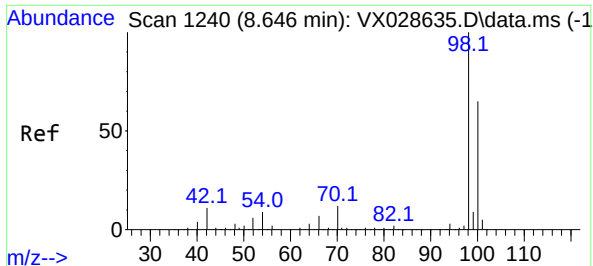
Tgt Ion:113 Resp: 157726
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.4 16.9 25.3



#39
Methylcyclohexane
Concen: 0.539 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion: 83 Resp: 2912
Ion Ratio Lower Upper
83 100
55 101.4 54.6 81.8#
98 26.3 37.4 56.2#

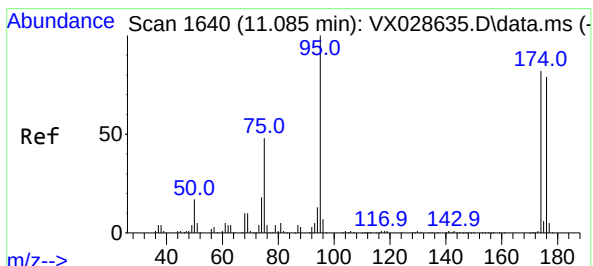
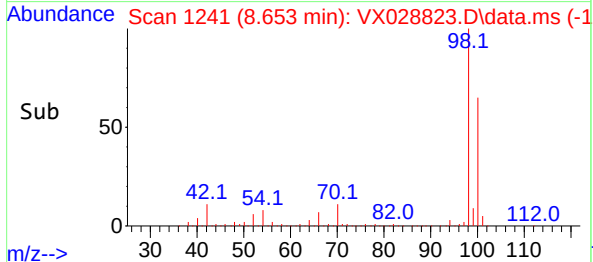
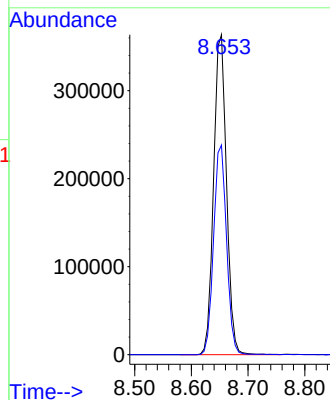
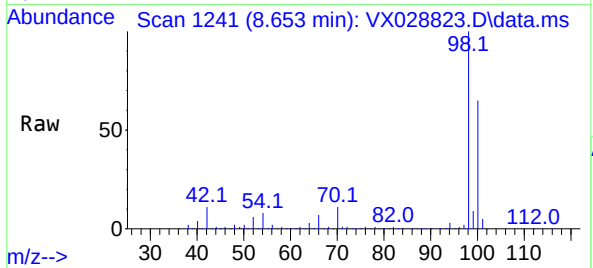




#50
Toluene-d8
Concen: 48.414 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

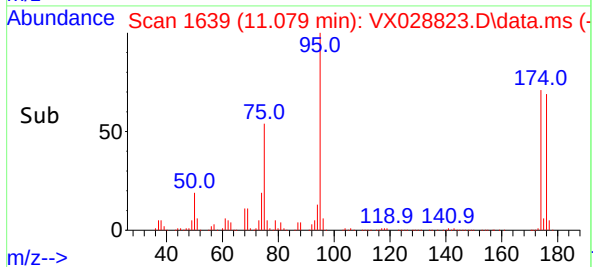
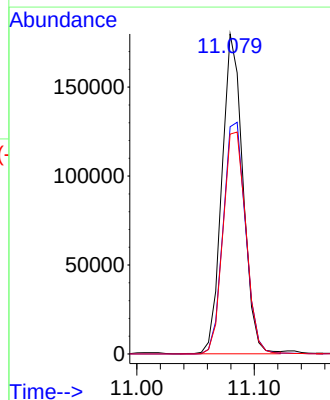
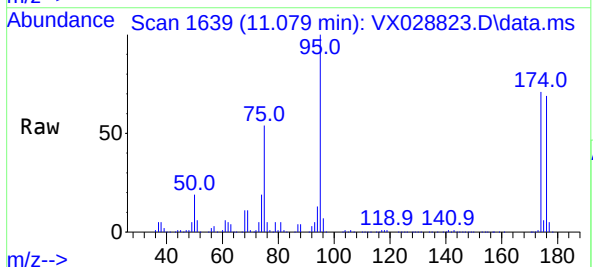
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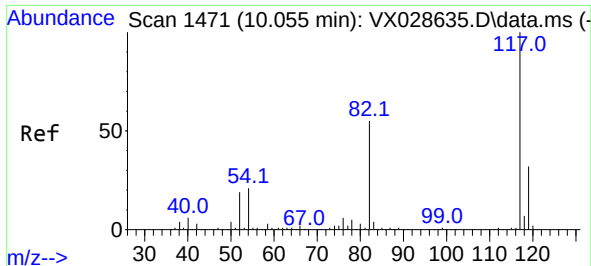
Tgt Ion: 98 Resp: 571981
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion: 95 Resp: 223495
Ion Ratio Lower Upper
95 100
174 77.2 0.0 163.0
176 75.4 0.0 155.0

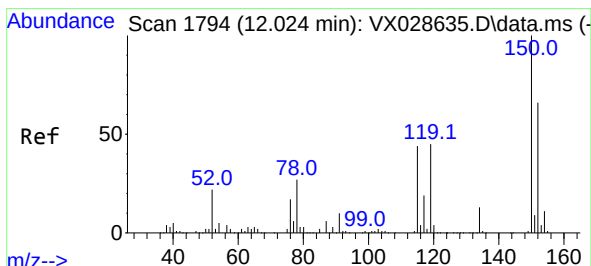
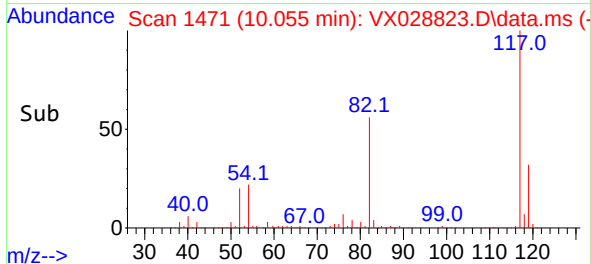
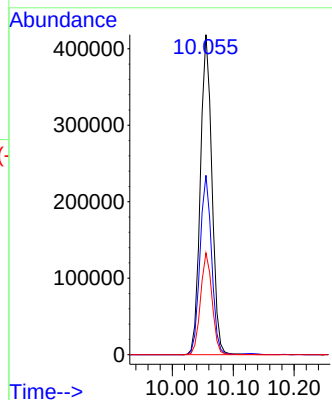
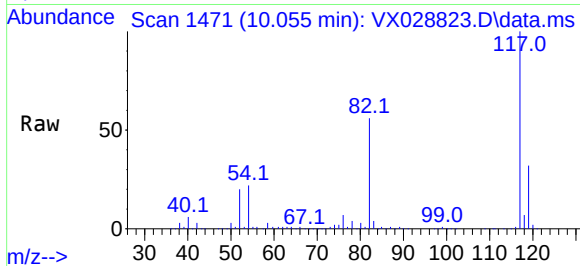




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

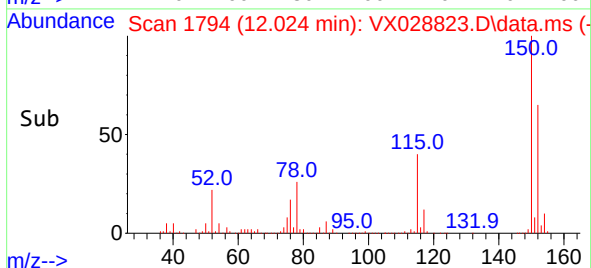
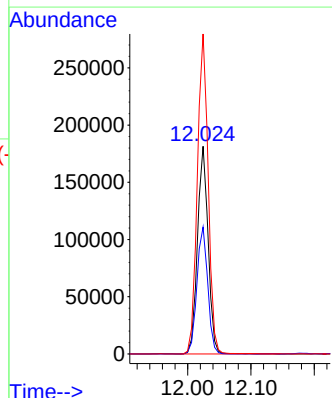
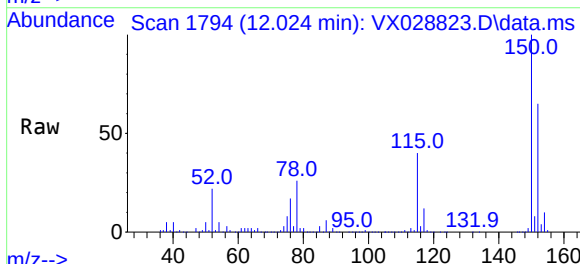
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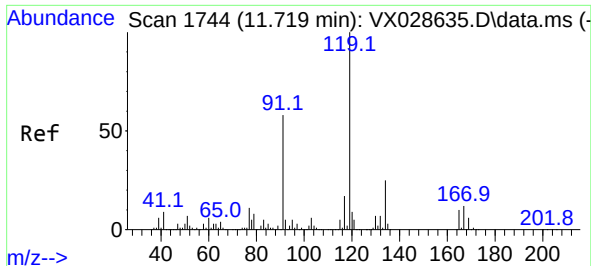
Tgt Ion:117 Resp: 549979
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion:152 Resp: 212775
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 157.0 0.0 338.2

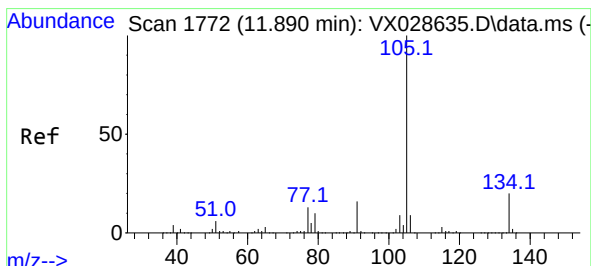
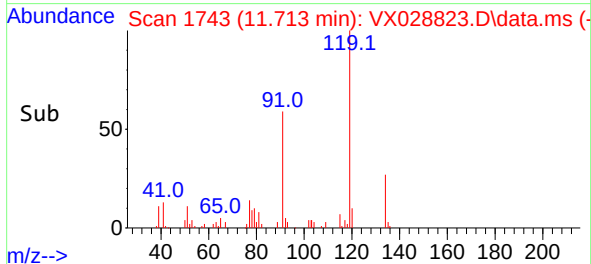
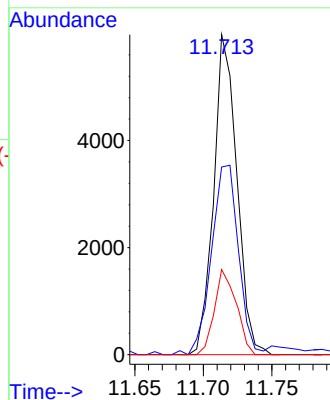
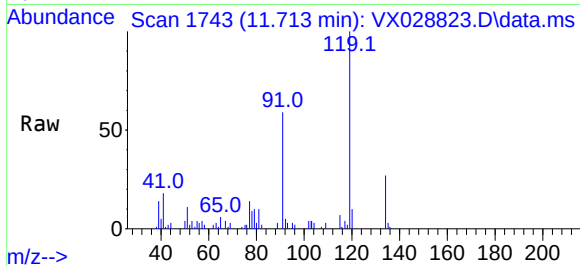




#83
tert-Butylbenzene
Concen: 0.541 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	119	Resp:	7037
Ion	Ratio	Lower	Upper
119	100		
91	68.8	26.9	80.6
134	25.0	11.4	34.2



#85
sec-Butylbenzene
Concen: 0.768 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028823.D
Acq: 19 May 2022 14:23

Tgt Ion:	105	Resp:	12331
Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#

