Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
Data File : VX028855.D
Acq On : 20 May 2022 16:56
Operator : JC/MD
Sample : N2943-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Quant Time: May 20 23:30:45 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	5.562	168	239729	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	422297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166326	50.615	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	136447	49.315	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.640%			
50) Toluene-d8	8.653	98	505422	48.452	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.900%			
62) 4-Bromofluorobenzene	11.079	95	222816	57.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	35258	43.982	ug/l	100
16) Acetone	2.380	43	4196	2.975	ug/l	99
17) Carbon Disulfide	2.532	76	10316	1.604	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	21700	2.465	ug/l	96
22) Diisopropyl ether	3.764	45	5108	0.601	ug/l #	84

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

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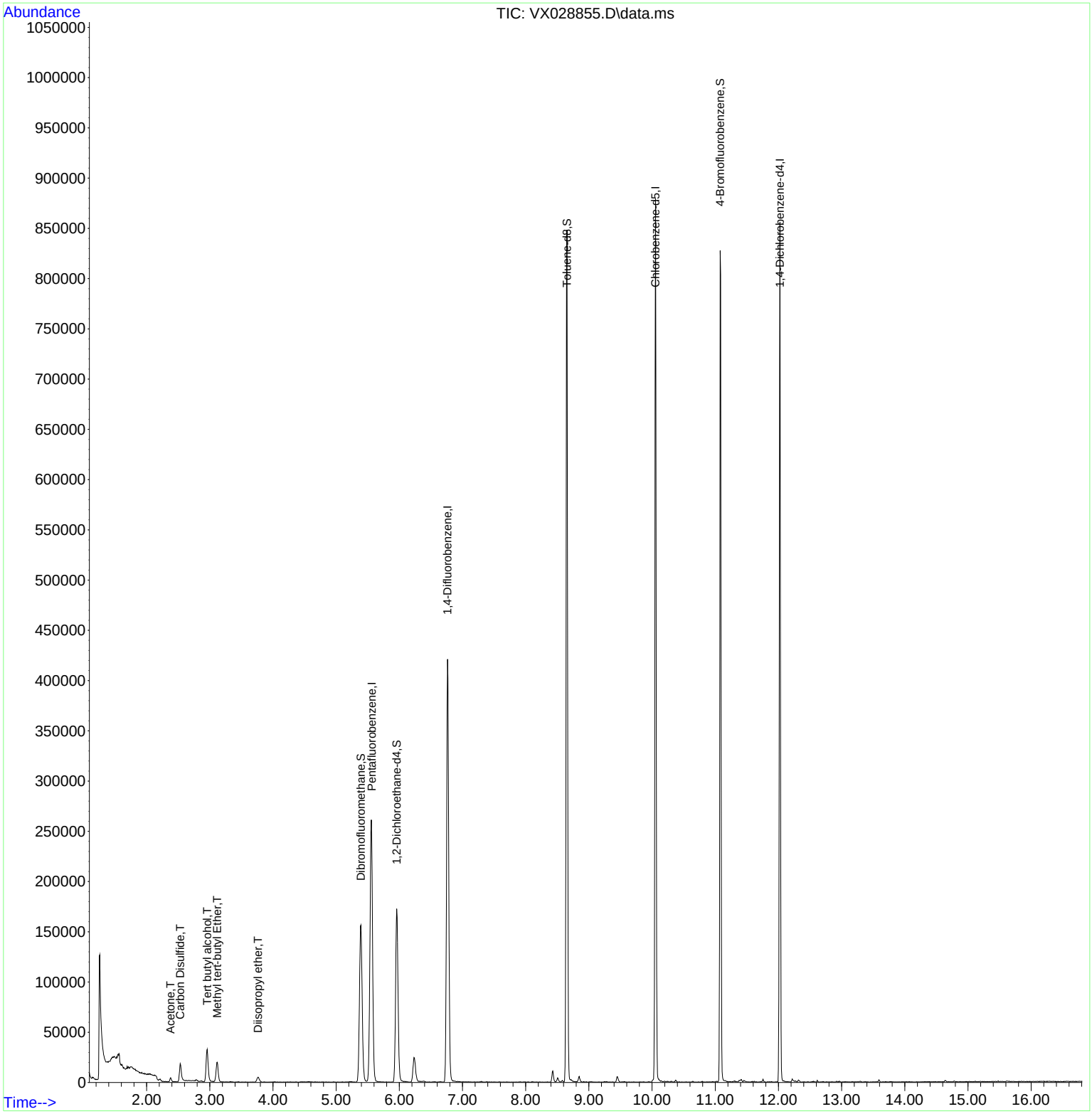
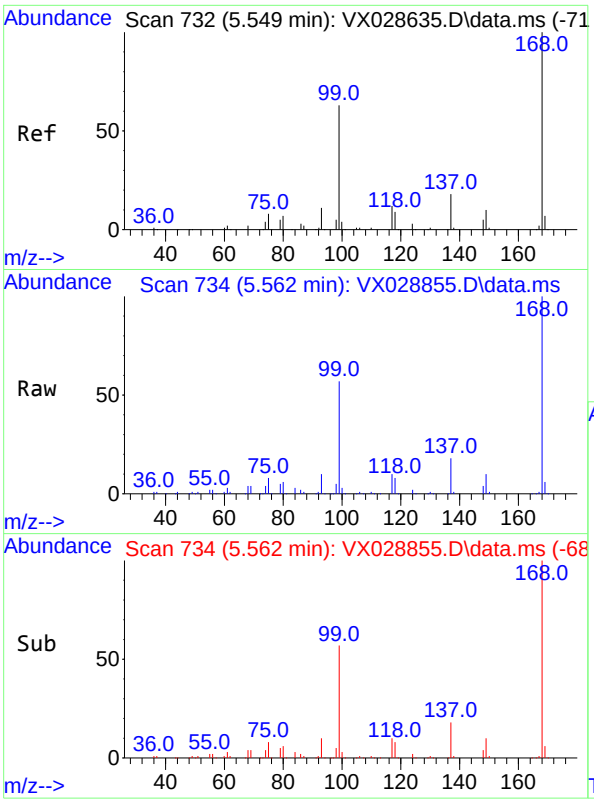


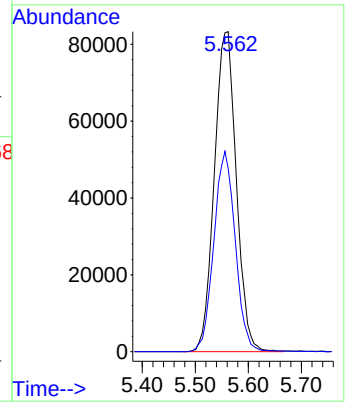


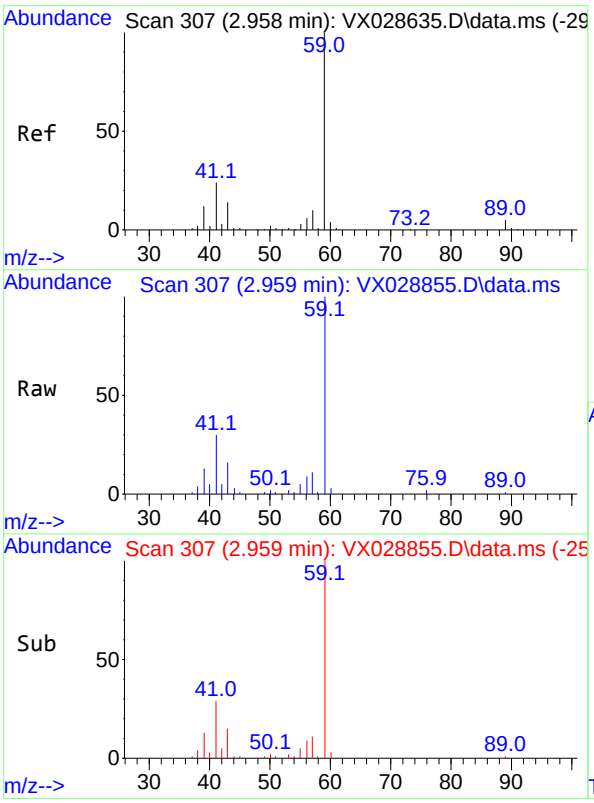
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.013 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:168 Resp: 239729

Ion	Ratio	Lower	Upper
168	100		
99	57.2	41.7	62.5

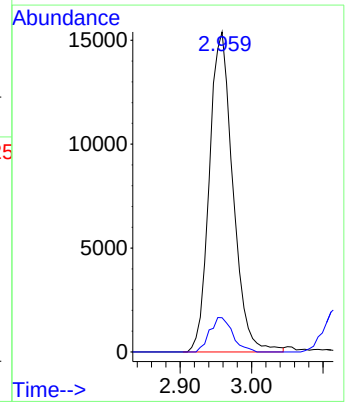


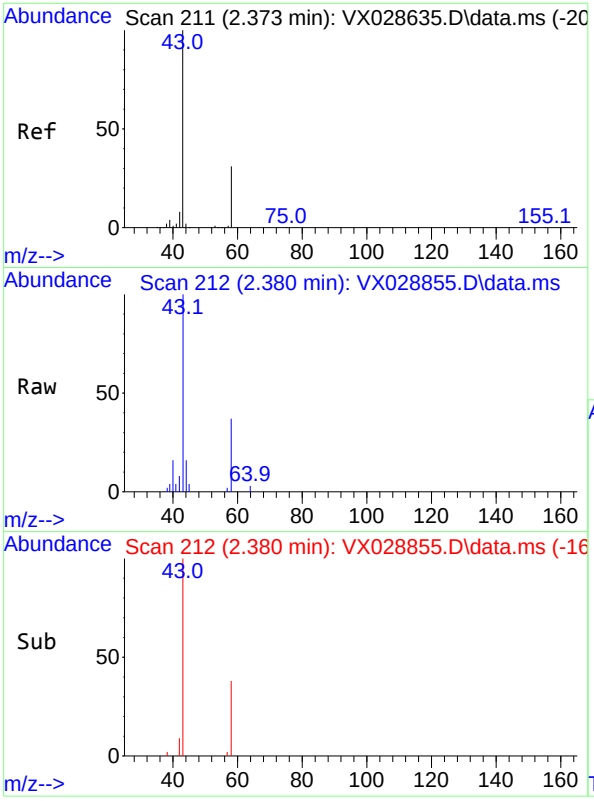


#11
Tert butyl alcohol
Concen: 43.982 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 59 Resp: 35258

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



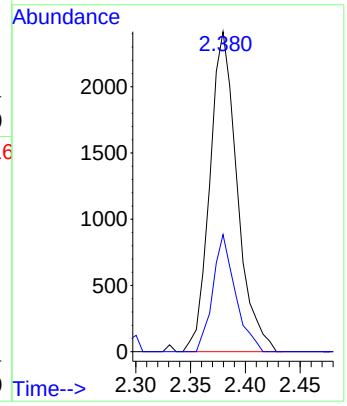


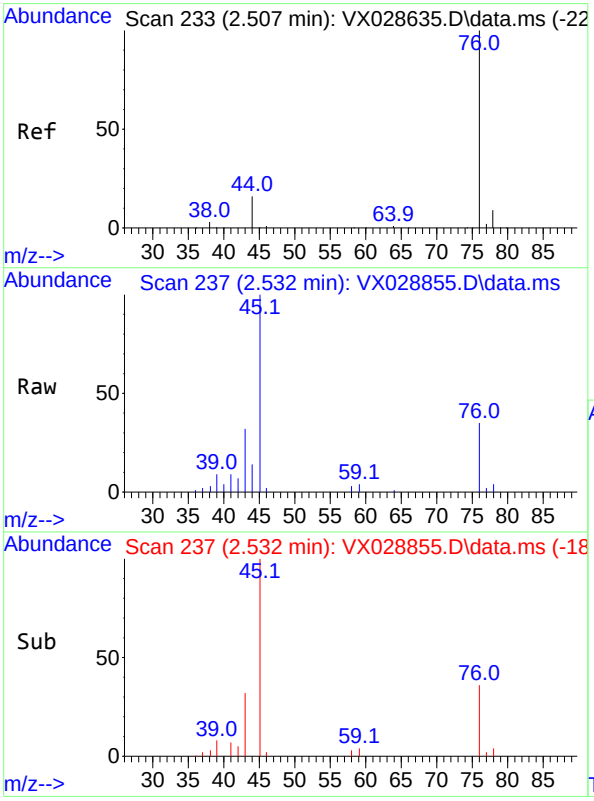
#16
Acetone
Concen: 2.975 ug/l
RT: 2.380 min Scan# 2
Delta R.T. 0.007 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 43 Resp: 4196

Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.8	43.2

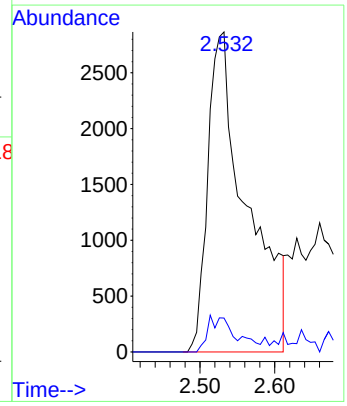


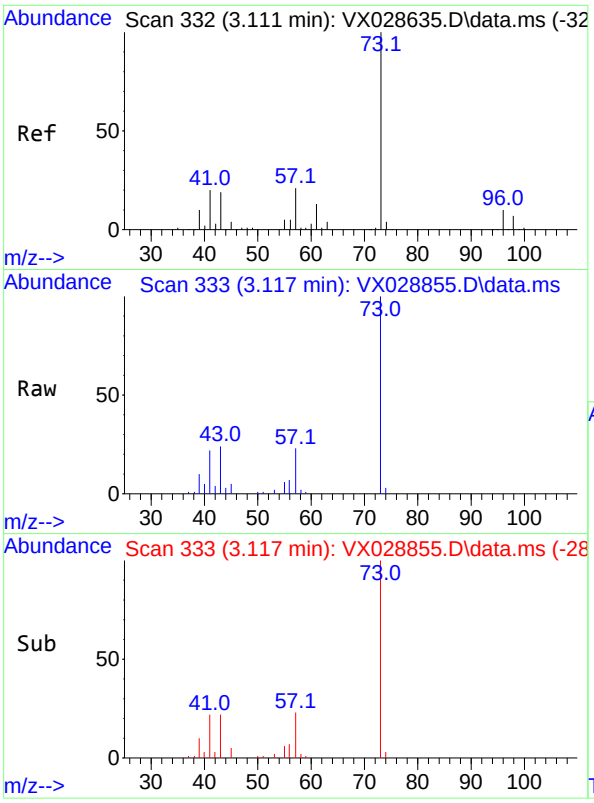


#17
Carbon Disulfide
Concen: 1.604 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.025 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 76 Resp: 10316

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.2	10.8



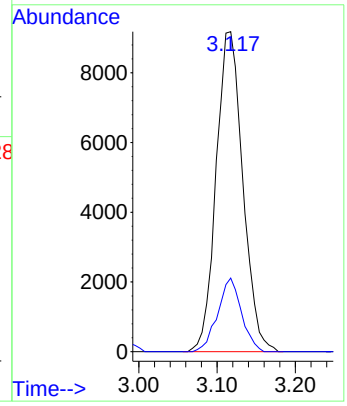


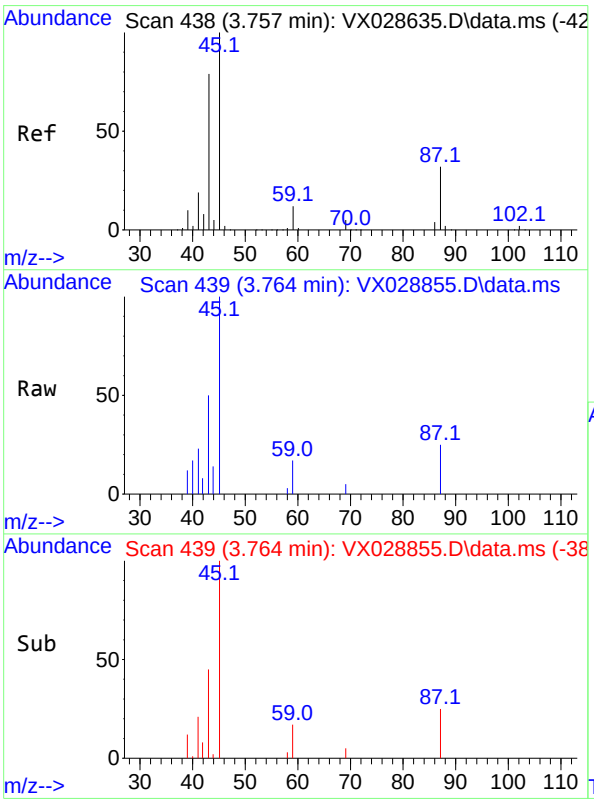
#19
Methyl tert-butyl Ether
Concen: 2.465 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 73 Resp: 21700

Ion	Ratio	Lower	Upper
73	100		
57	23.0	16.8	25.2

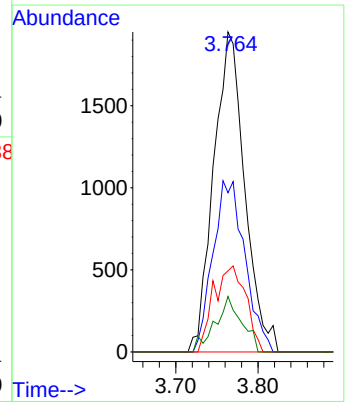


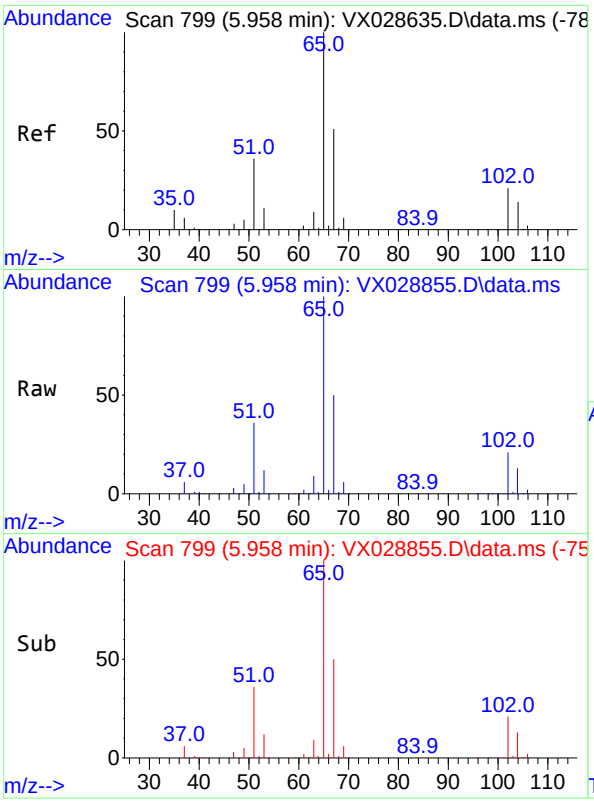


#22
Diisopropyl ether
Concen: 0.601 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 45 Resp: 5108

Ion	Ratio	Lower	Upper
45	100		
43	49.7	50.8	76.2#
87	25.3	26.6	39.8#
59	17.3	10.5	15.7#



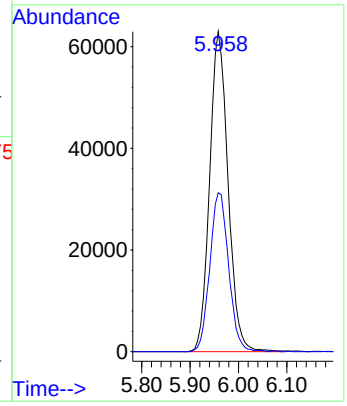


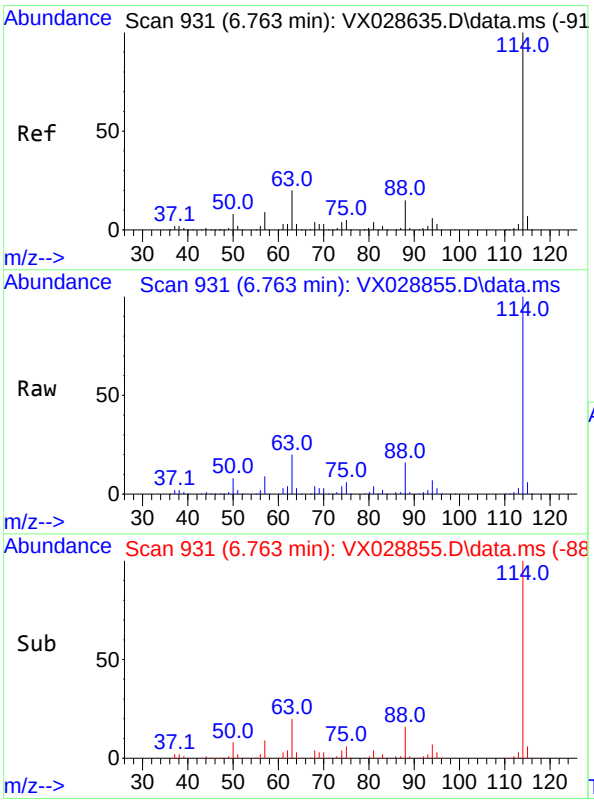
#33
1,2-Dichloroethane-d4
Concen: 50.615 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 65 Resp: 166326

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	107.4

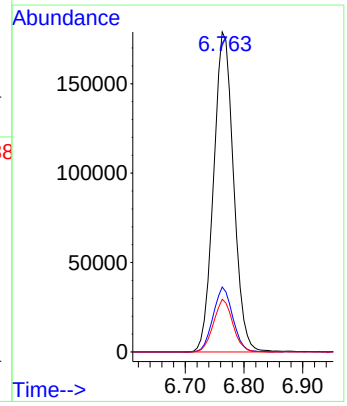


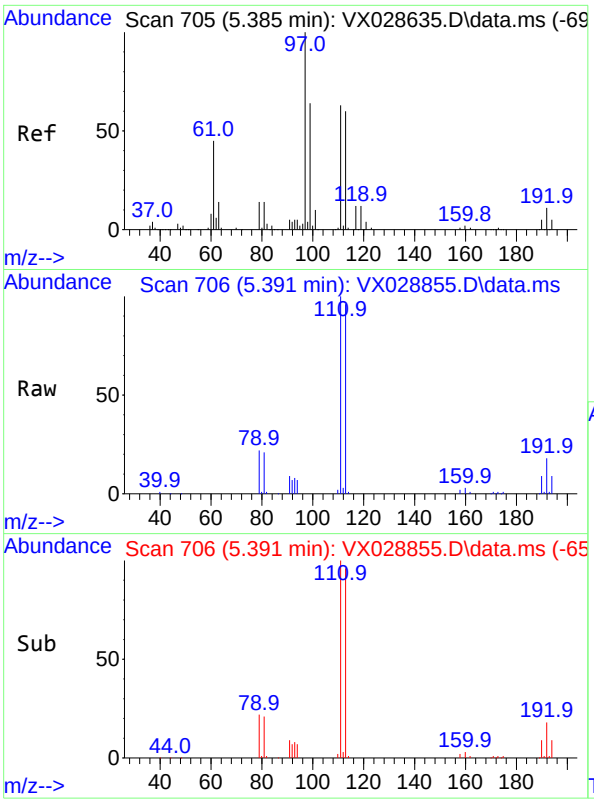


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion:114 Resp: 422297

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.8
88	16.5	0.0	32.4



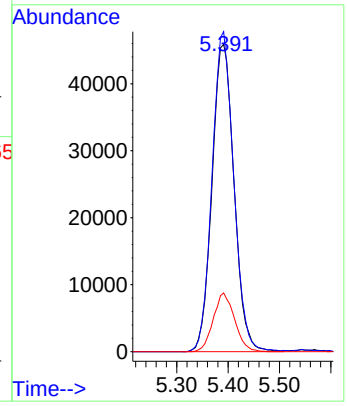


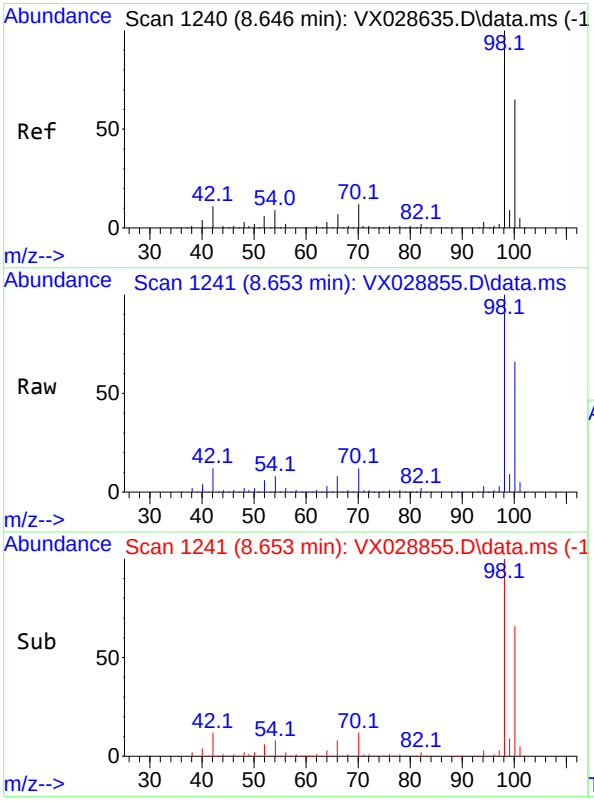
#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:113 Resp: 136447

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	18.5	16.9	25.3

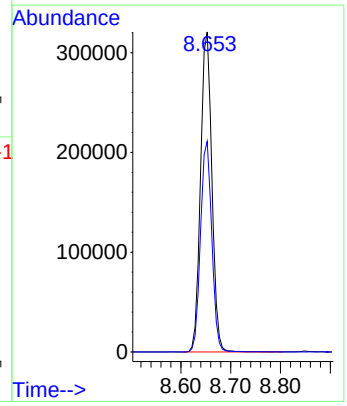


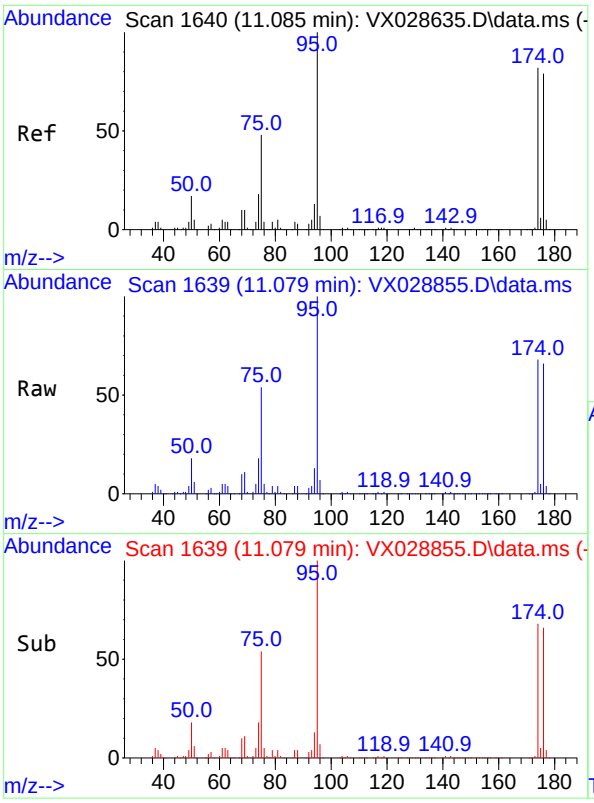


#50
Toluene-d8
Concen: 48.452 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion: 98 Resp: 505422

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8



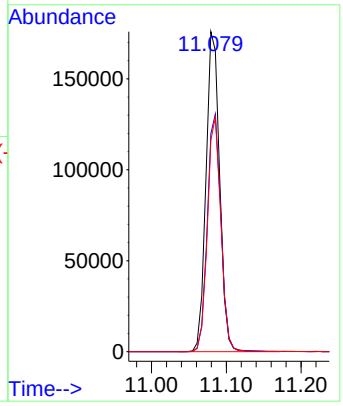


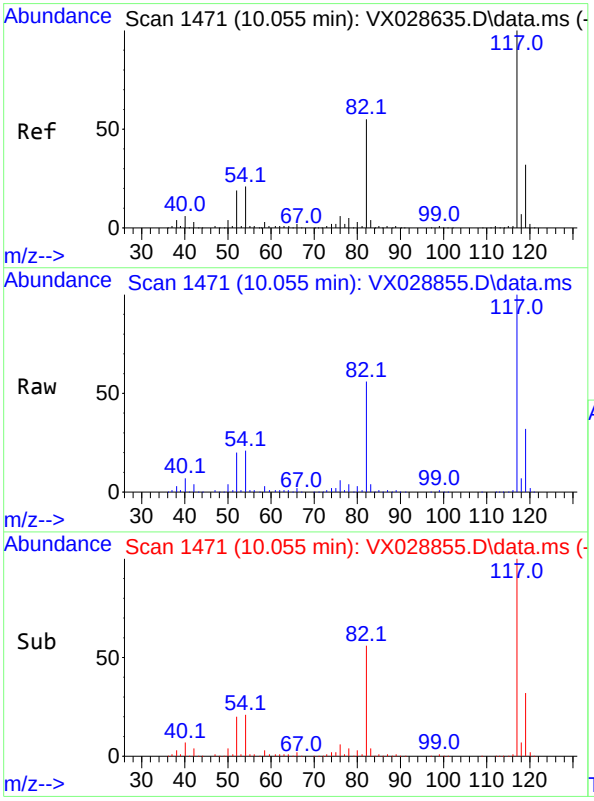
#62
4-Bromofluorobenzene
Concen: 57.188 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 95 Resp: 222816

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	163.0
176	72.1	0.0	155.0

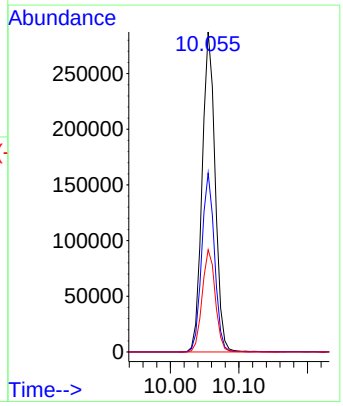


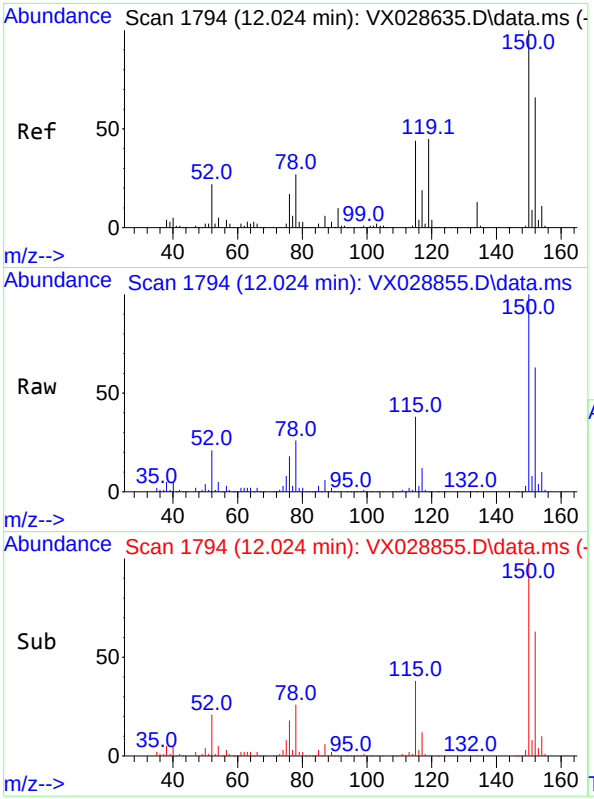


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Tgt Ion:117 Resp: 380383

Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.8
119	31.9	24.8	37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028855.D
Acq: 20 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion:152 Resp: 163104

Ion	Ratio	Lower	Upper
152	100		
115	61.1	37.5	112.7
150	157.6	0.0	338.2