Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
Data File : VX029031.D
Acq On : 27 May 2022 17:57
Operator : JC/MD
Sample : N2968-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Quant Time: May 27 22:10:56 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	333285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	594174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216452	47.379	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.760%			
35) Dibromofluoromethane	5.391	113	194455	49.951	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.900%			
50) Toluene-d8	8.653	98	706906	48.164	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.320%			
62) 4-Bromofluorobenzene	11.079	95	276319	50.405	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.800%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	38126	32.378	ug/l	99
16) Acetone	2.386	43	4632	2.362	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	55285	4.517	ug/l	99
22) Diisopropyl ether	3.763	45	11563	0.978	ug/l #	86
95) Naphthalene	13.780	128	27403	1.414	ug/l	99

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

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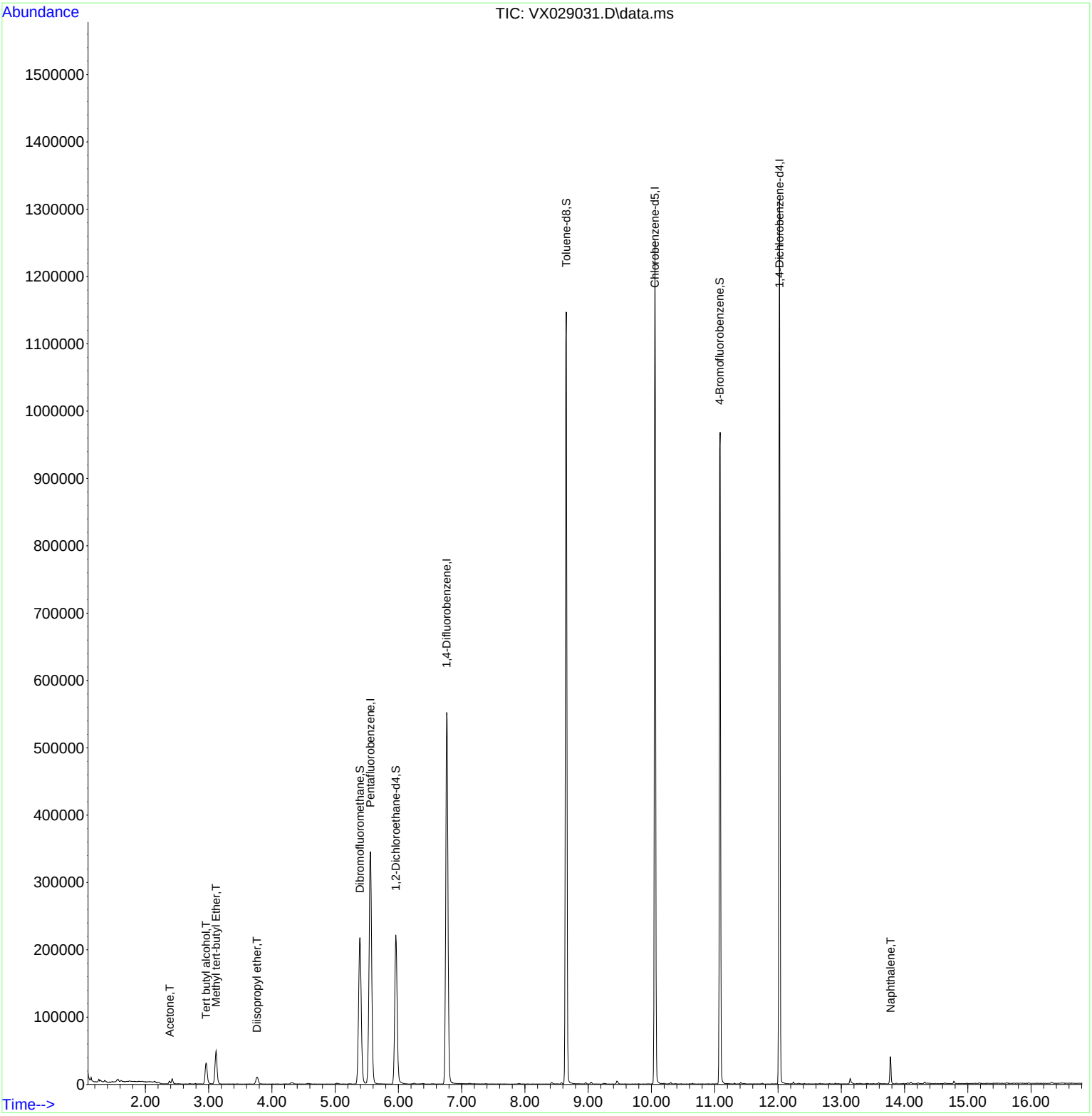
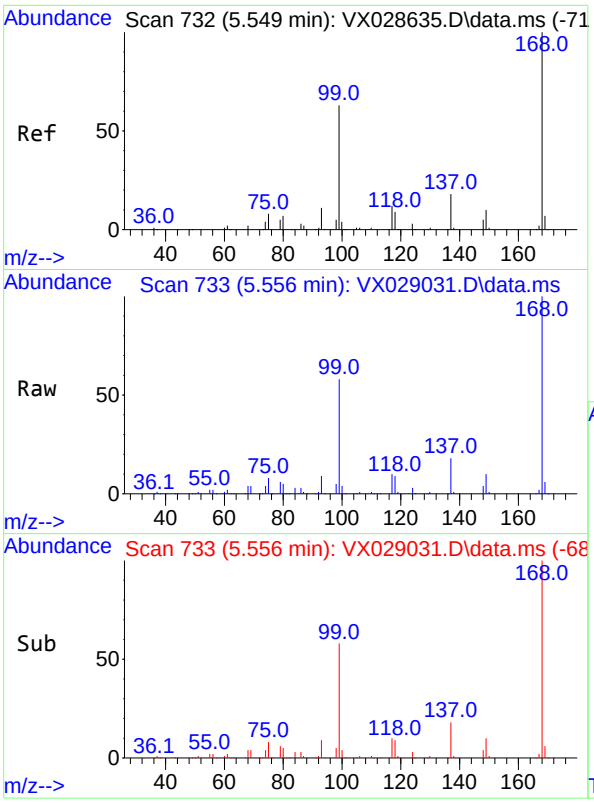


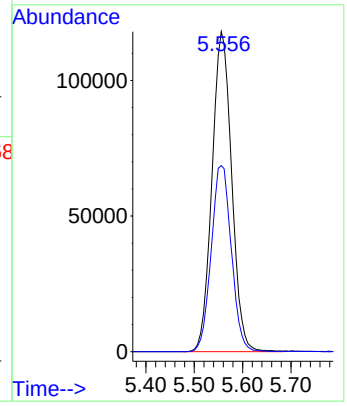


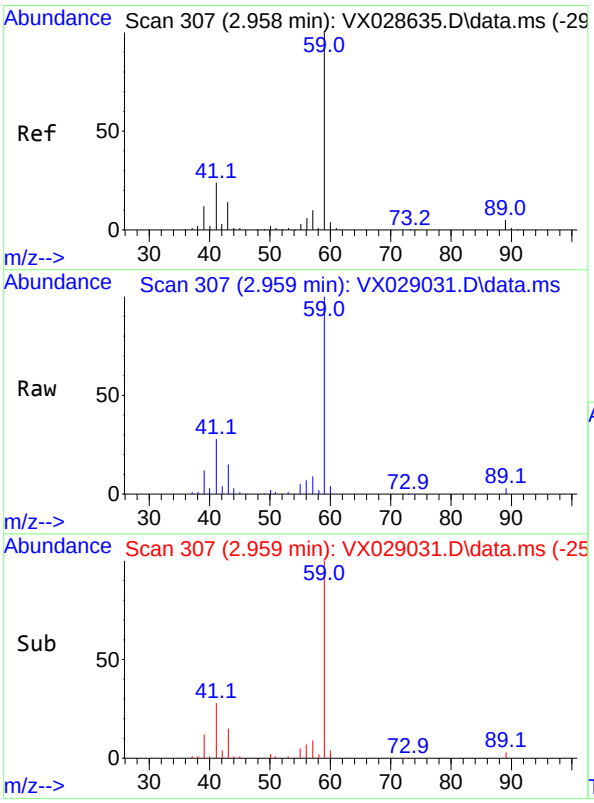
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion:168 Resp: 333285

Ion	Ratio	Lower	Upper
168	100		
99	58.2	41.7	62.5

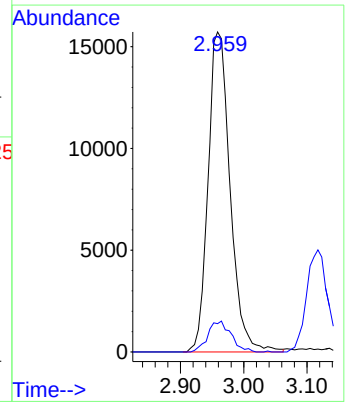


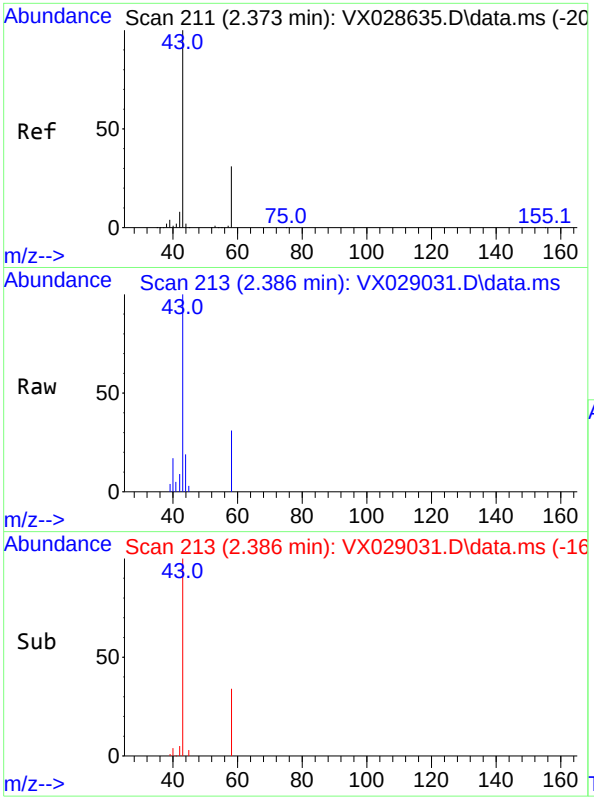


#11
Tert butyl alcohol
Concen: 32.378 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion: 59 Resp: 38126

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



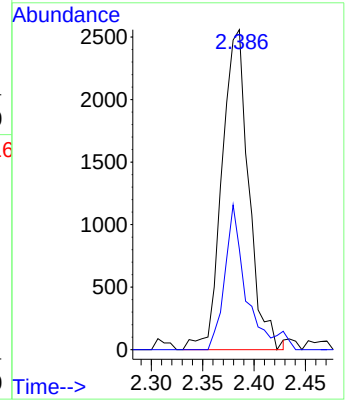


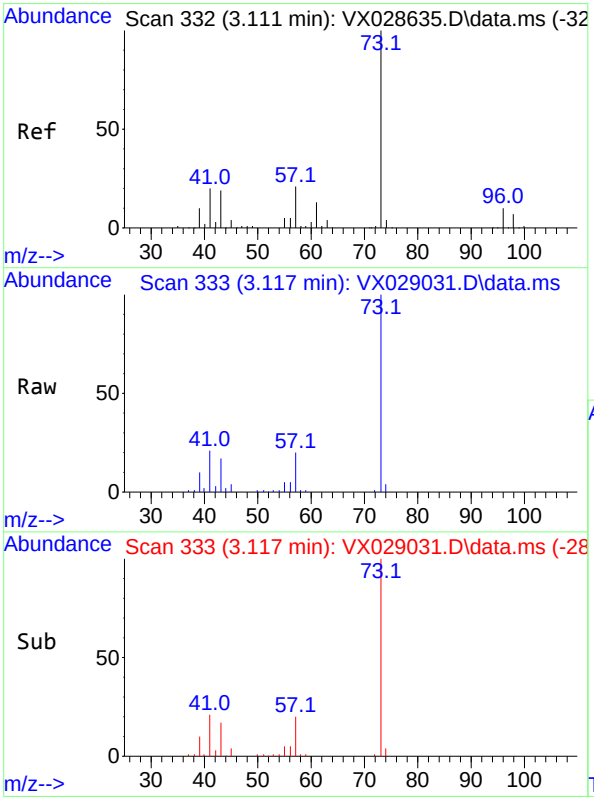
#16
Acetone
Concen: 2.362 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 43 Resp: 4632

Ion	Ratio	Lower	Upper
43	100		
58	31.4	28.8	43.2

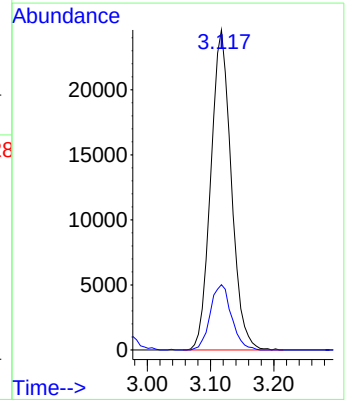


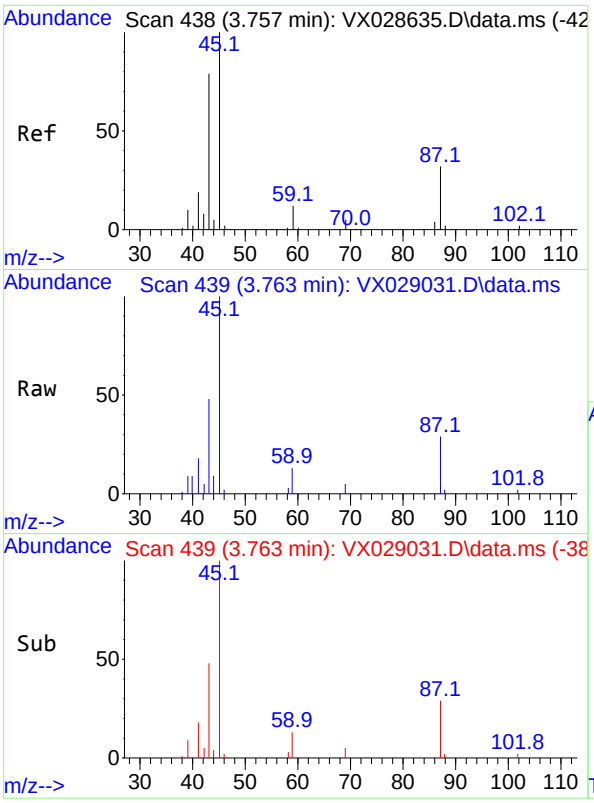


#19
Methyl tert-butyl Ether
Concen: 4.517 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion: 73 Resp: 55285

Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.8	25.2



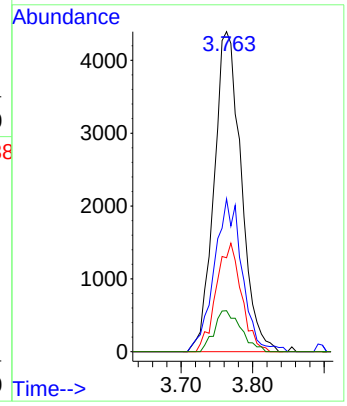


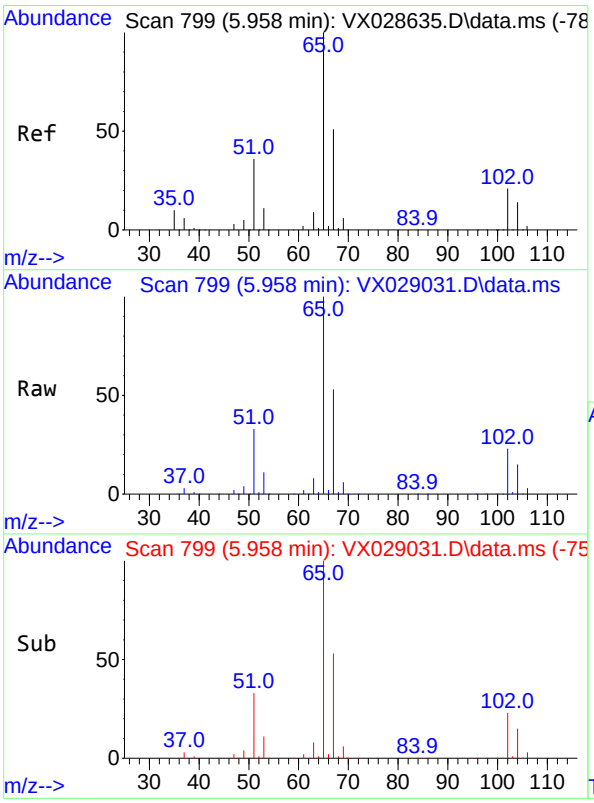
#22
Diisopropyl ether
Concen: 0.978 ug/l
RT: 3.763 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 45 Resp: 11563

Ion	Ratio	Lower	Upper
45	100		
43	47.7	50.8	76.2#
87	29.4	26.6	39.8
59	12.8	10.5	15.7

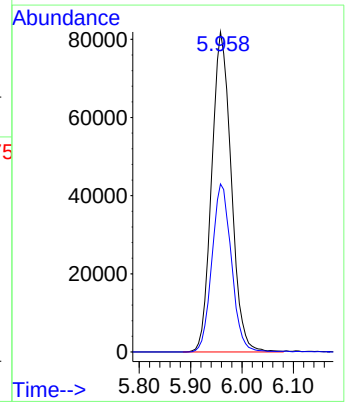


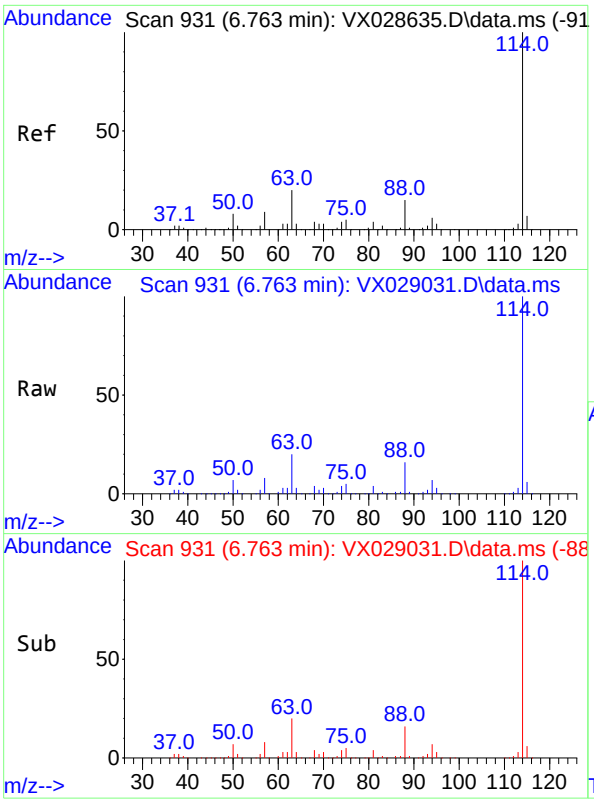


#33
1,2-Dichloroethane-d4
Concen: 47.379 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion: 65 Resp: 216452

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.4



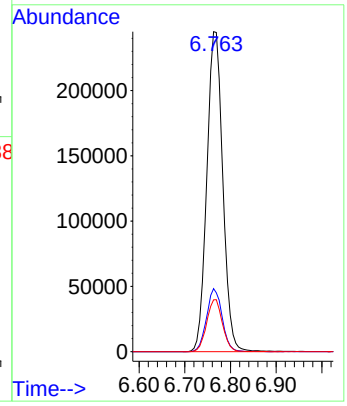


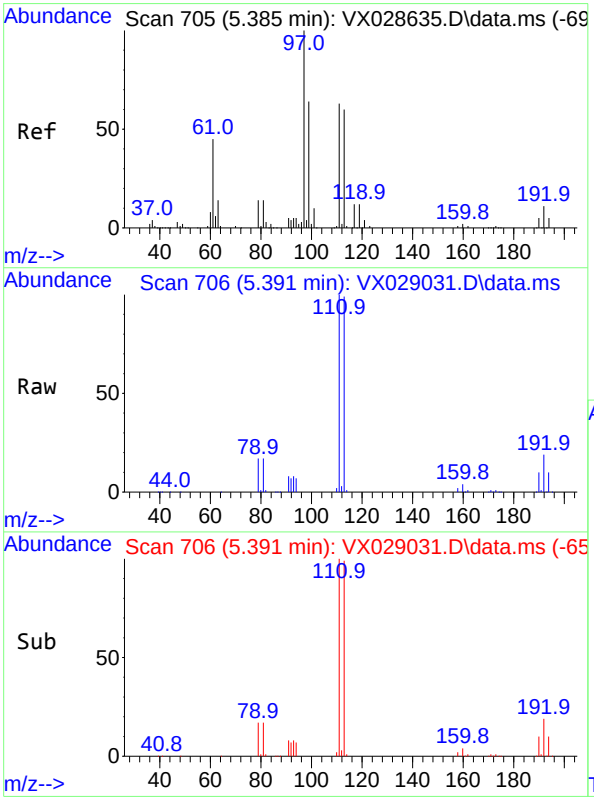
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion:114 Resp: 594174

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.8
88	16.2	0.0	32.4

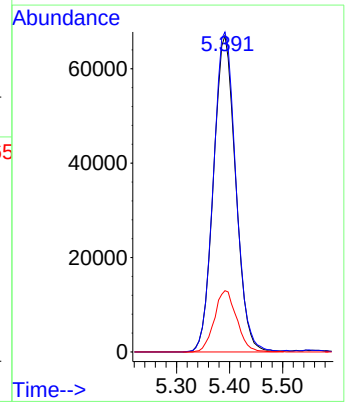


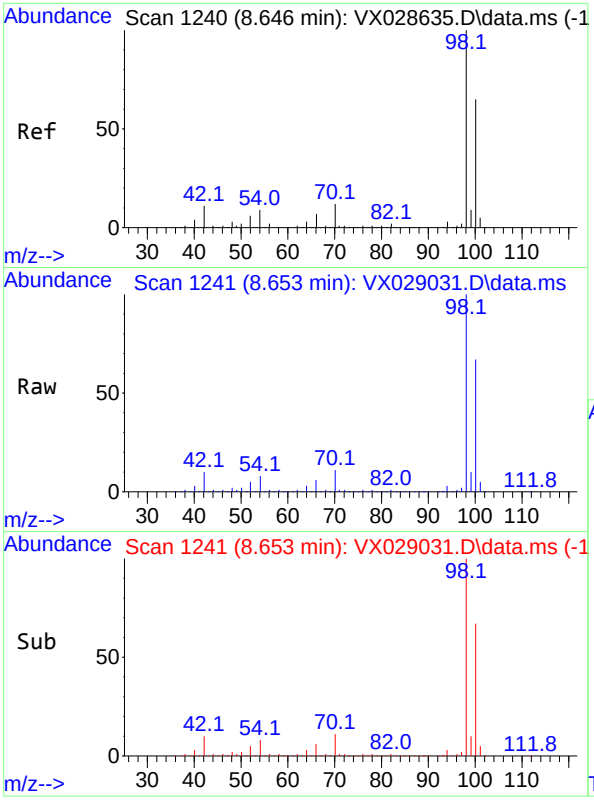


#35
Dibromofluoromethane
Concen: 49.951 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion:113 Resp: 194455

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	19.5	16.9	25.3



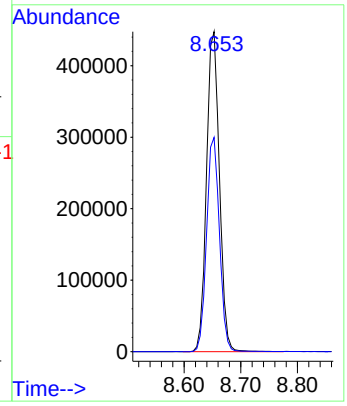


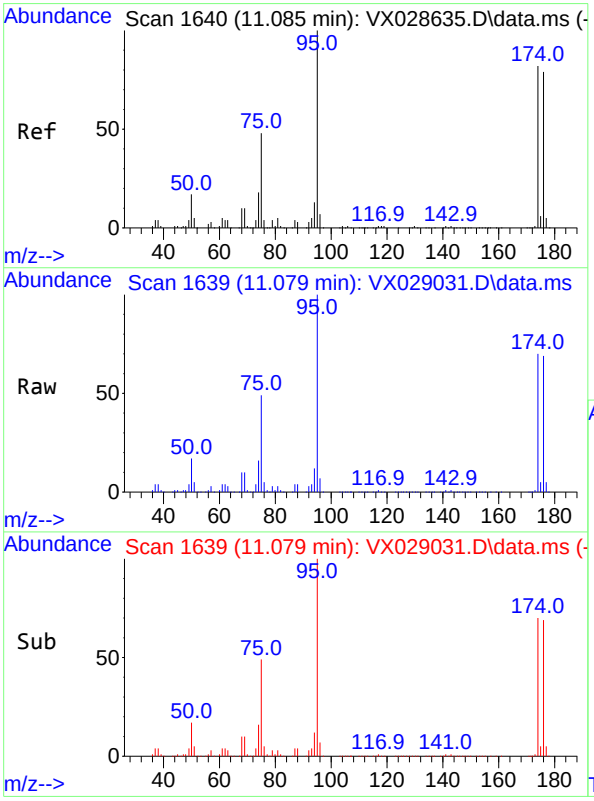
#50
Toluene-d8
Concen: 48.164 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion: 98 Resp: 706906

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8

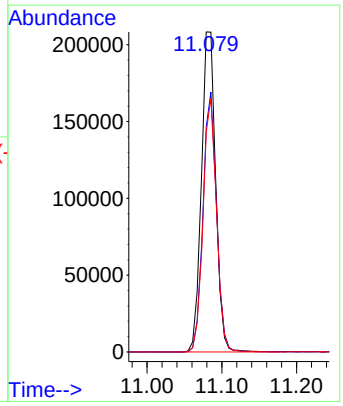


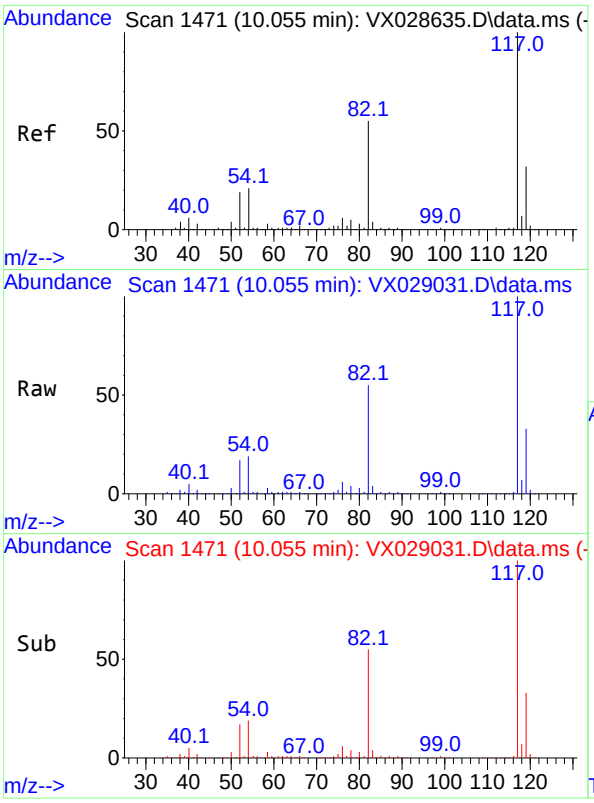


#62
4-Bromofluorobenzene
Concen: 50.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion: 95 Resp: 276319

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	163.0
176	75.0	0.0	155.0



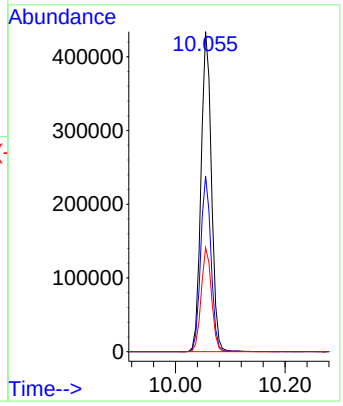


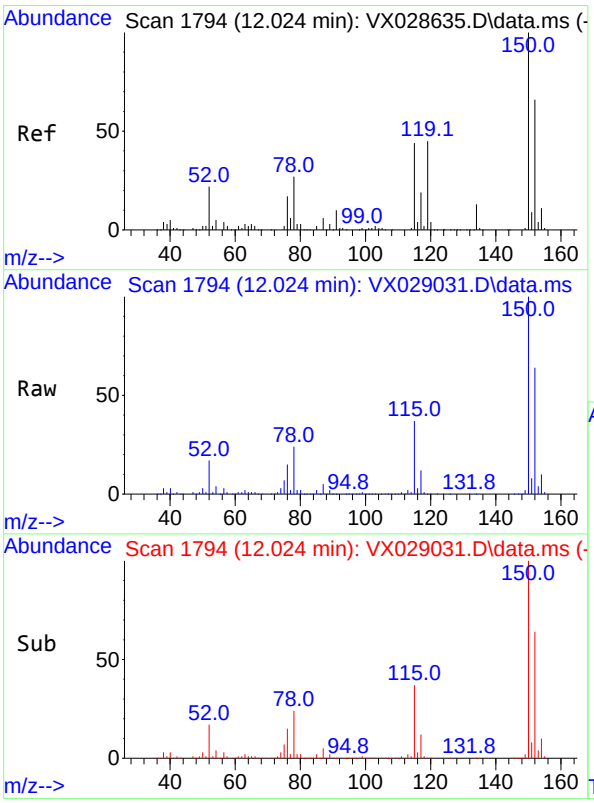
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion:117 Resp: 572835

Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	32.5	24.8	37.2

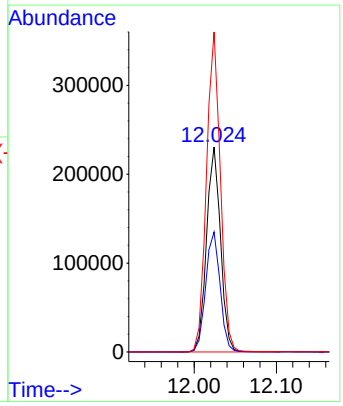


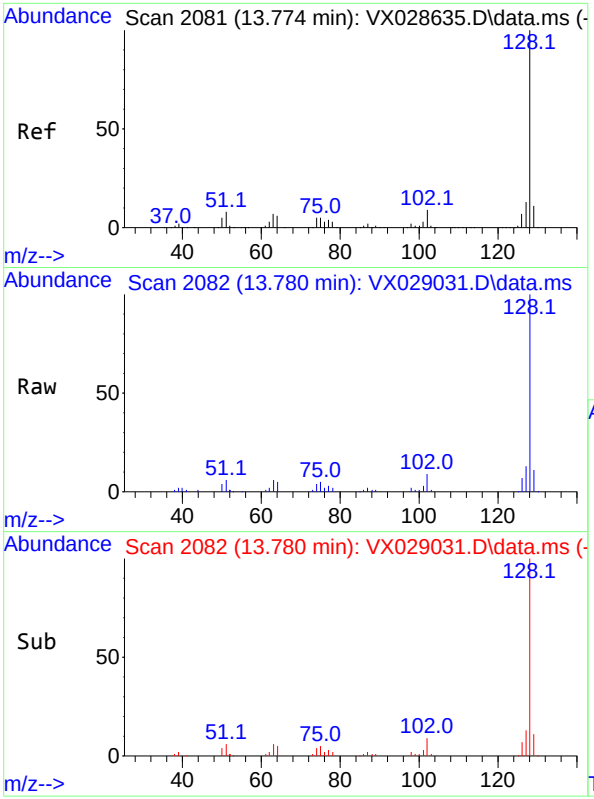


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Tgt Ion:152 Resp: 272750

Ion	Ratio	Lower	Upper
152	100		
115	60.3	37.5	112.7
150	155.5	0.0	338.2





#95
Naphthalene
Concen: 1.414 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX029031.D
Acq: 27 May 2022 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion:128 Resp: 27403

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.1	8.7	13.1