Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027537.D
Acq On : 18 Mar 2022 18:52
Operator : JC/MD
Sample : N1998-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Quant Time: Mar 19 03:09:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	331282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	554038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203373	49.833	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.660%			
35) Dibromofluoromethane	5.391	113	184451	51.746	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.500%			
50) Toluene-d8	8.653	98	654068	48.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.085	95	236789	47.760	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	463663	596.143	ug/l	100
16) Acetone	2.380	43	5619	3.378	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	3911011	376.825	ug/l	99
22) Diisopropyl ether	3.770	45	5779	0.615	ug/l	96
65) Chlorobenzene	10.079	112	4427	0.421	ug/l	97

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

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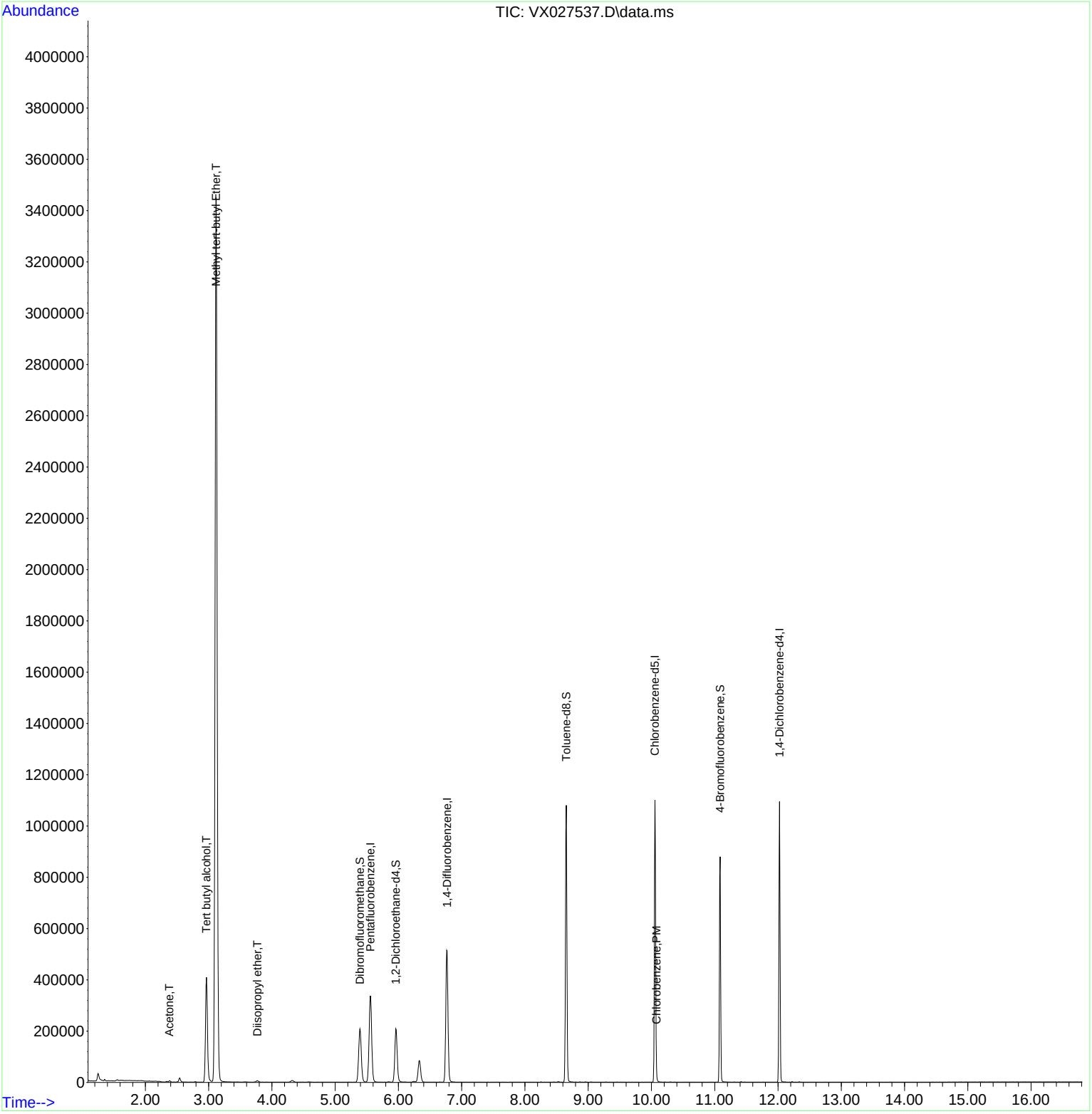
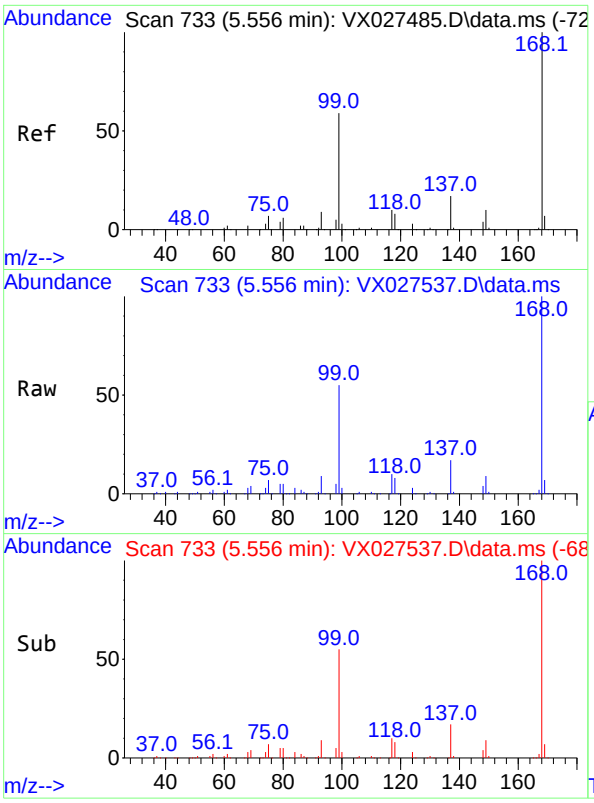


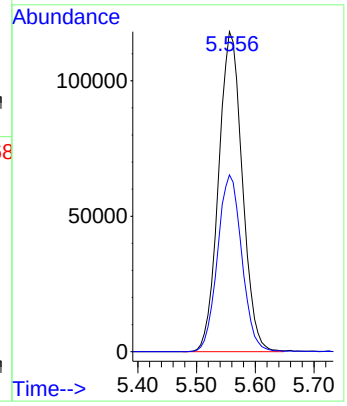


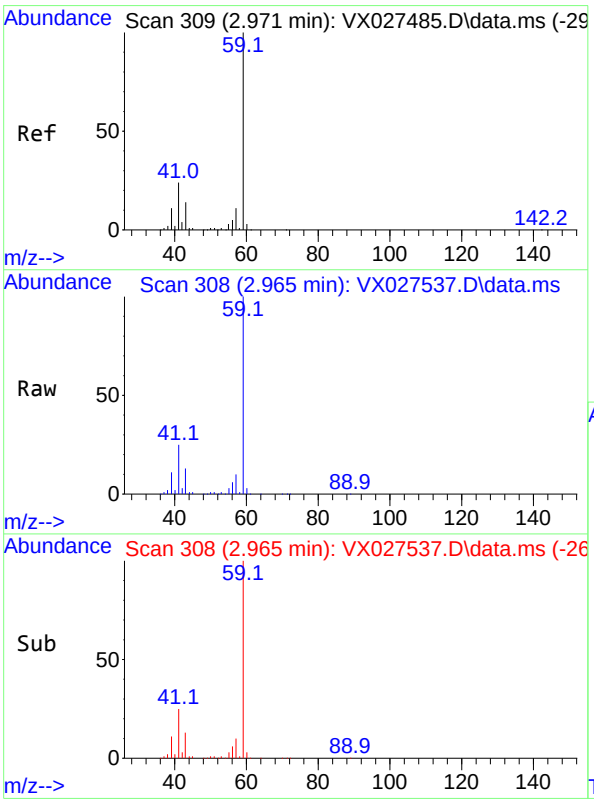
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion:168 Resp: 331282

Ion	Ratio	Lower	Upper
168	100		
99	55.3	41.7	62.5

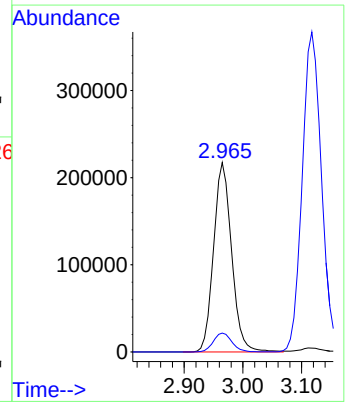


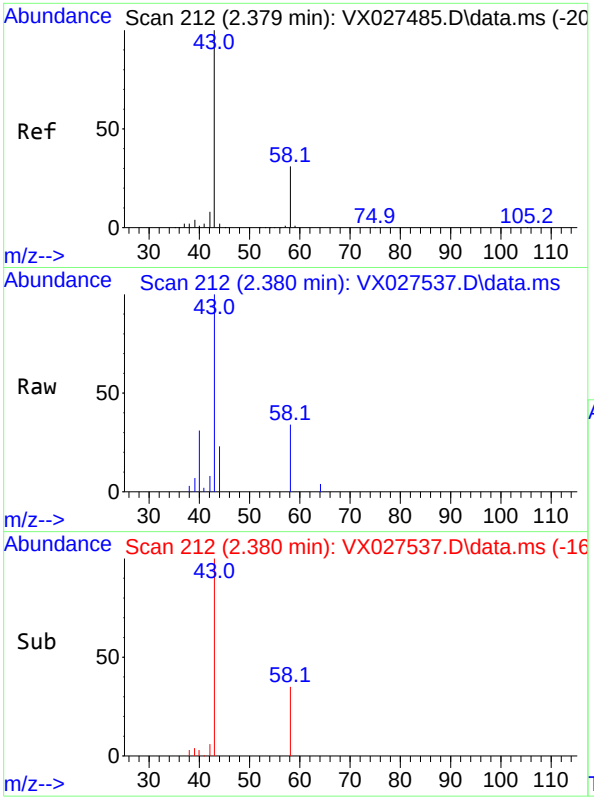


#11
Tert butyl alcohol
Concen: 596.143 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion: 59 Resp: 463663

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



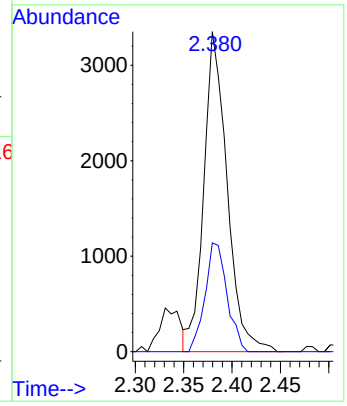


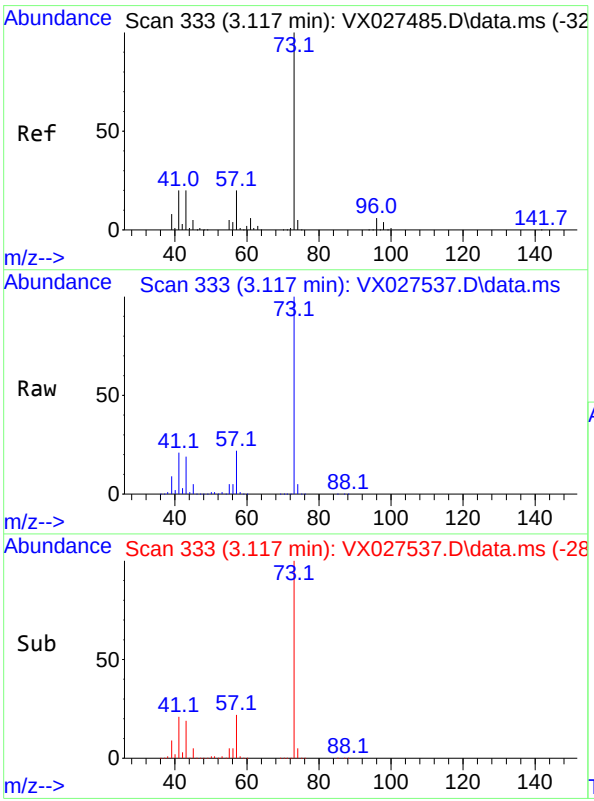
#16
Acetone
Concen: 3.378 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion: 43 Resp: 5619

Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.8	43.2

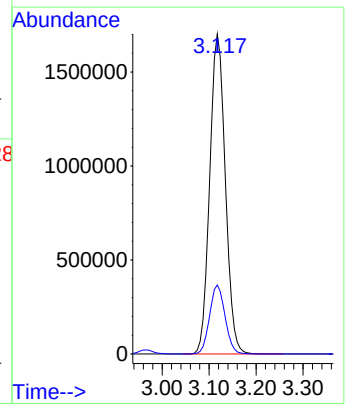


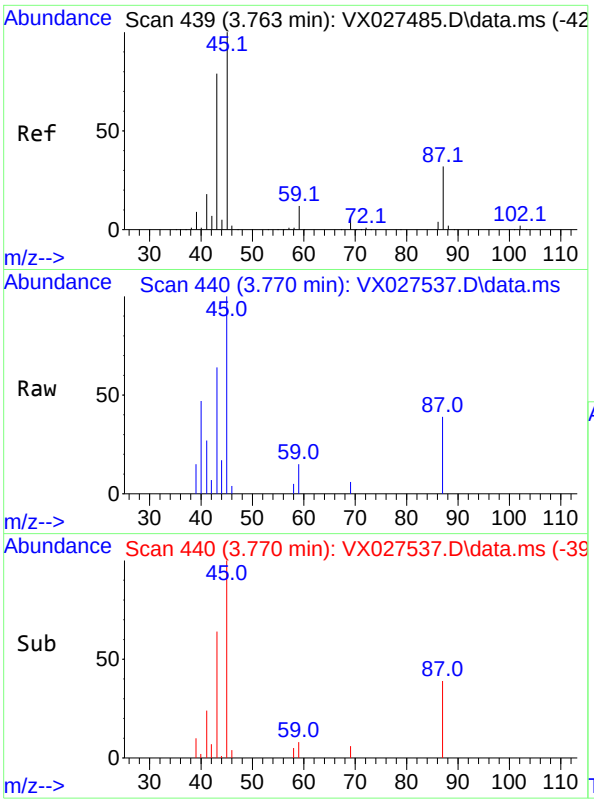


#19
Methyl tert-butyl Ether
Concen: 376.825 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion: 73 Resp: 3911011

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2



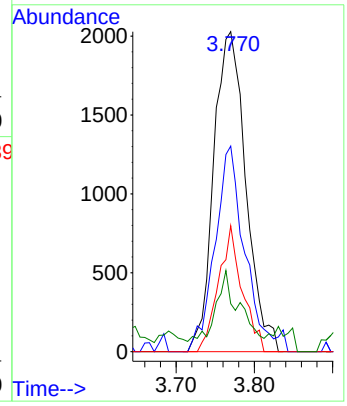


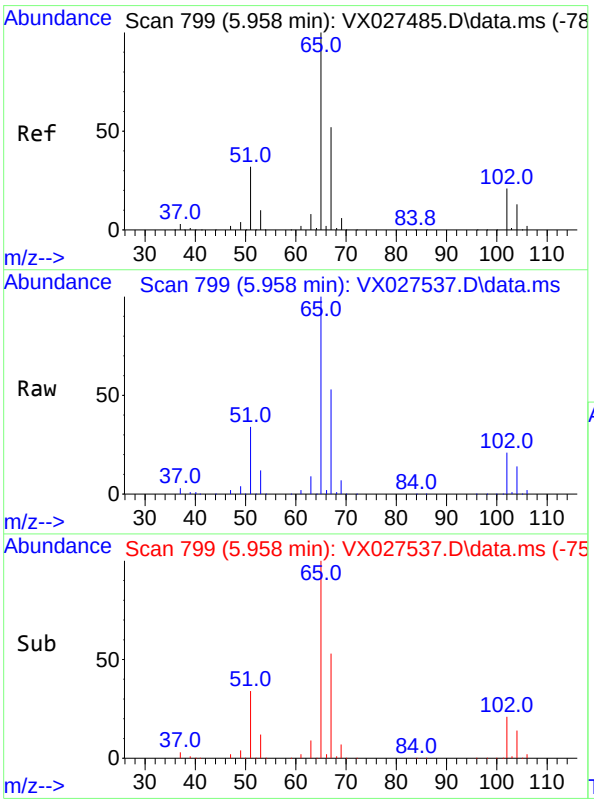
#22
Diisopropyl ether
Concen: 0.615 ug/l
RT: 3.770 min Scan# 44
Delta R.T. 0.006 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion: 45 Resp: 5779

Ion	Ratio	Lower	Upper
45	100		
43	64.3	50.8	76.2
87	39.3	26.6	39.8
59	11.1	10.5	15.7

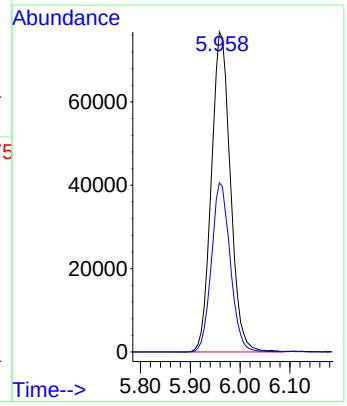


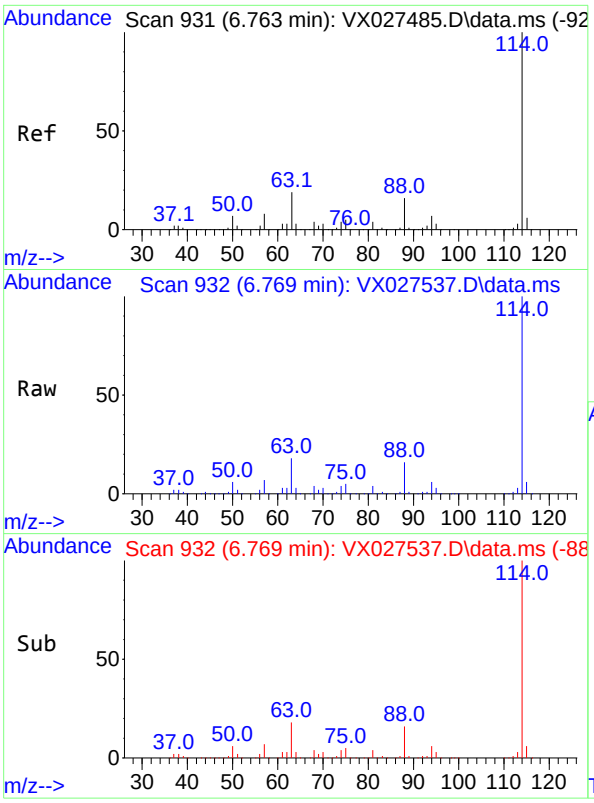


#33
1,2-Dichloroethane-d4
Concen: 49.833 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion: 65 Resp: 203373

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4



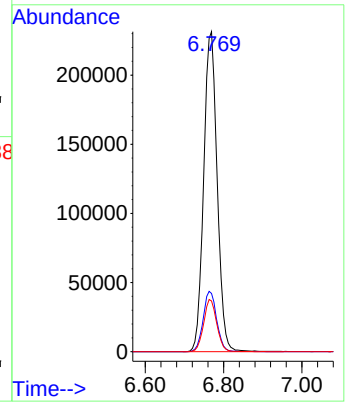


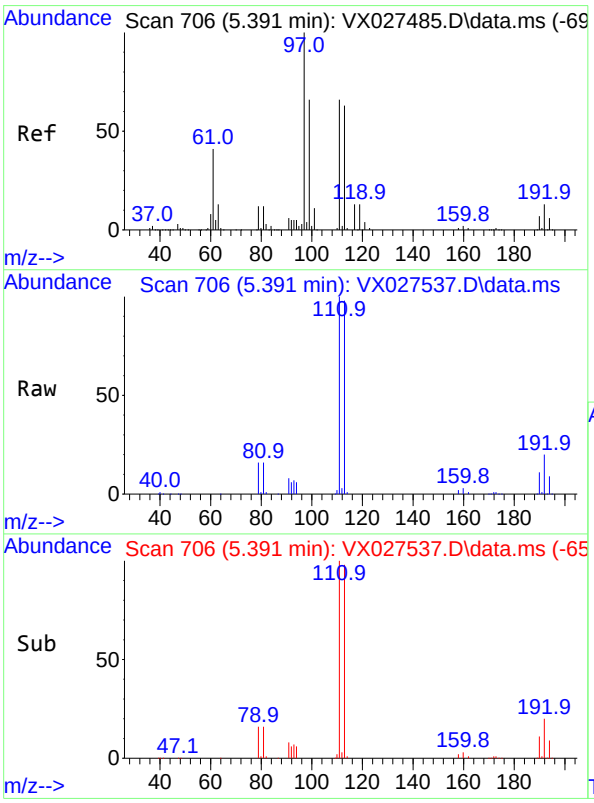
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion:114 Resp: 554038

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	15.9	0.0	32.4

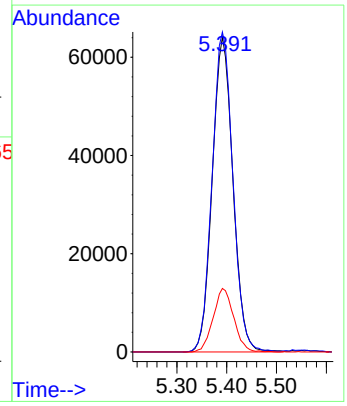


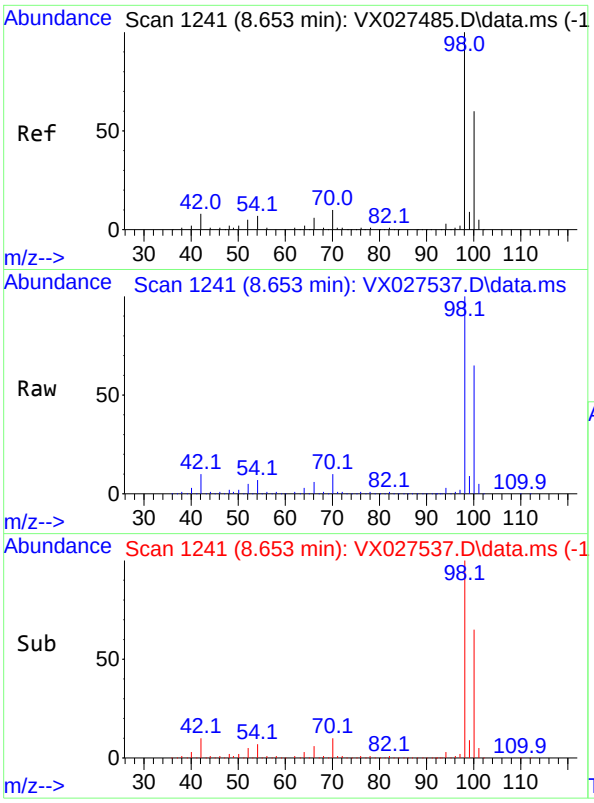


#35
Dibromofluoromethane
Concen: 51.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion:113 Resp: 184451

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	20.0	16.9	25.3



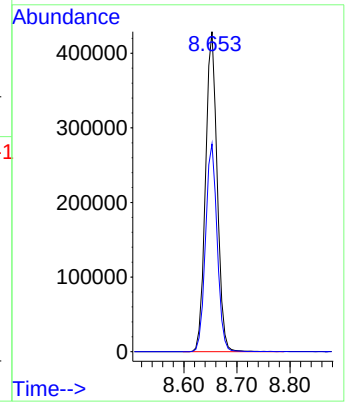


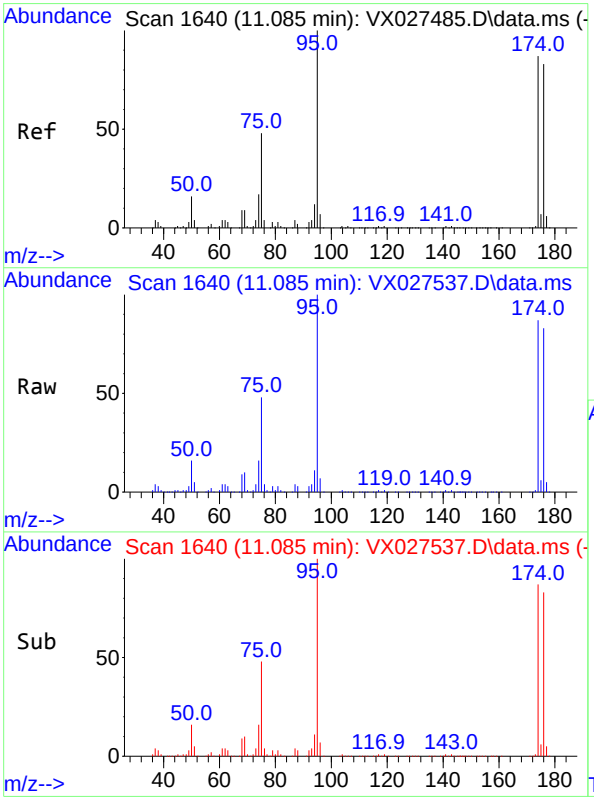
#50
Toluene-d8
Concen: 48.490 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion: 98 Resp: 654068

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

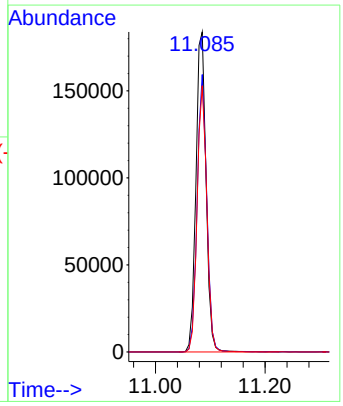


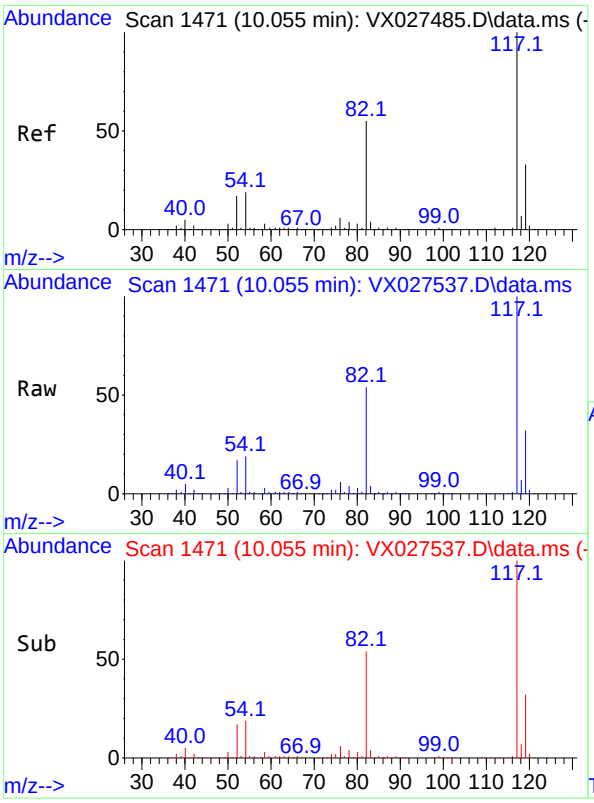


#62
4-Bromofluorobenzene
Concen: 47.760 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion: 95 Resp: 236789

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	163.0
176	80.2	0.0	155.0



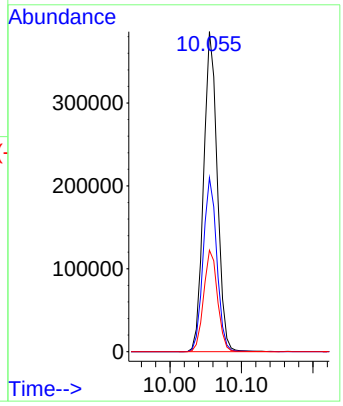


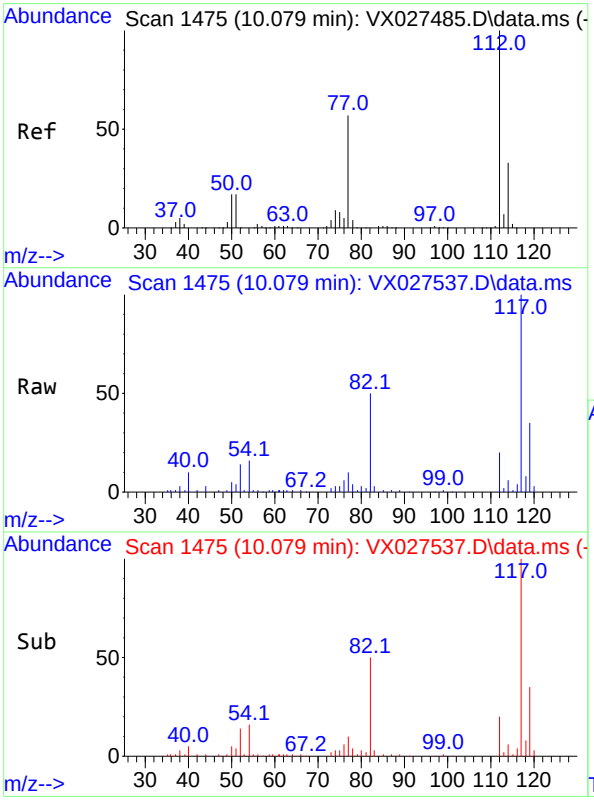
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion:117 Resp: 511266

Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.8	62.8
119	31.7	24.8	37.2

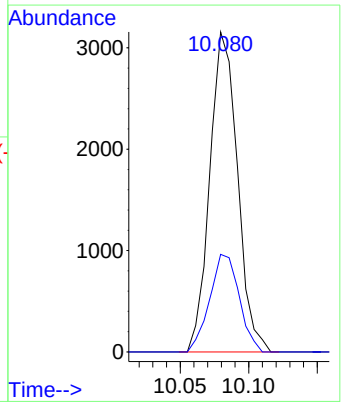


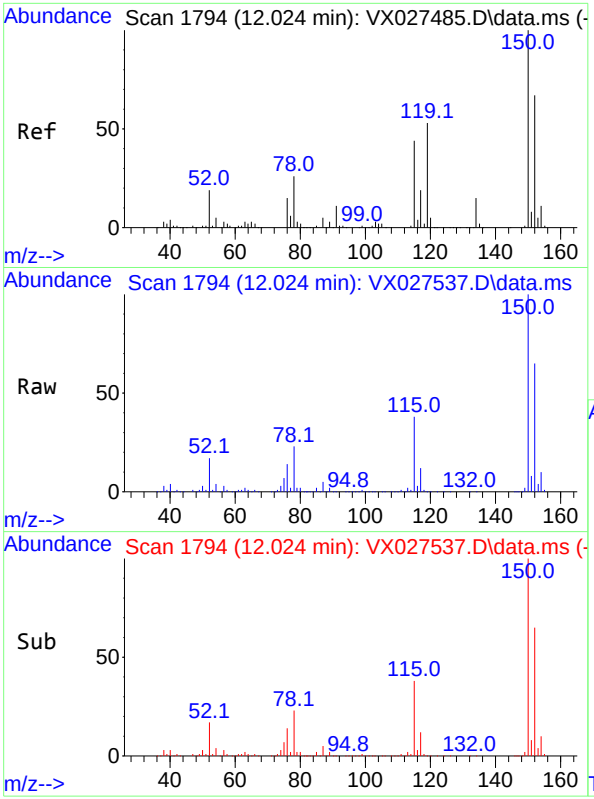


#65
Chlorobenzene
Concen: 0.421 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Tgt Ion:112 Resp: 4427

Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027537.D
Acq: 18 Mar 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
MW-134

Tgt Ion:152 Resp: 236861

Ion	Ratio	Lower	Upper
152	100		
115	59.0	37.5	112.7
150	155.0	0.0	338.2