Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
Data File : VX043959.D
Acq On : 22 Nov 2024 14:57
Operator : JC/MD
Sample : P4846-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Quant Time: Nov 22 22:23:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	111846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99420	51.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.379	113	71893	45.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.700%			
50) Toluene-d8	8.647	98	265258	49.074	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.140%			
62) 4-Bromofluorobenzene	11.079	95	88331	48.017	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.040%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	433	0.290	ug/l	96
16) Acetone	2.379	43	1724	1.957	ug/l #	82
20) Methylene Chloride	2.782	84	562	0.376	ug/l #	85
44) Trichloroethene	7.122	130	120261	69.796	ug/l	91

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

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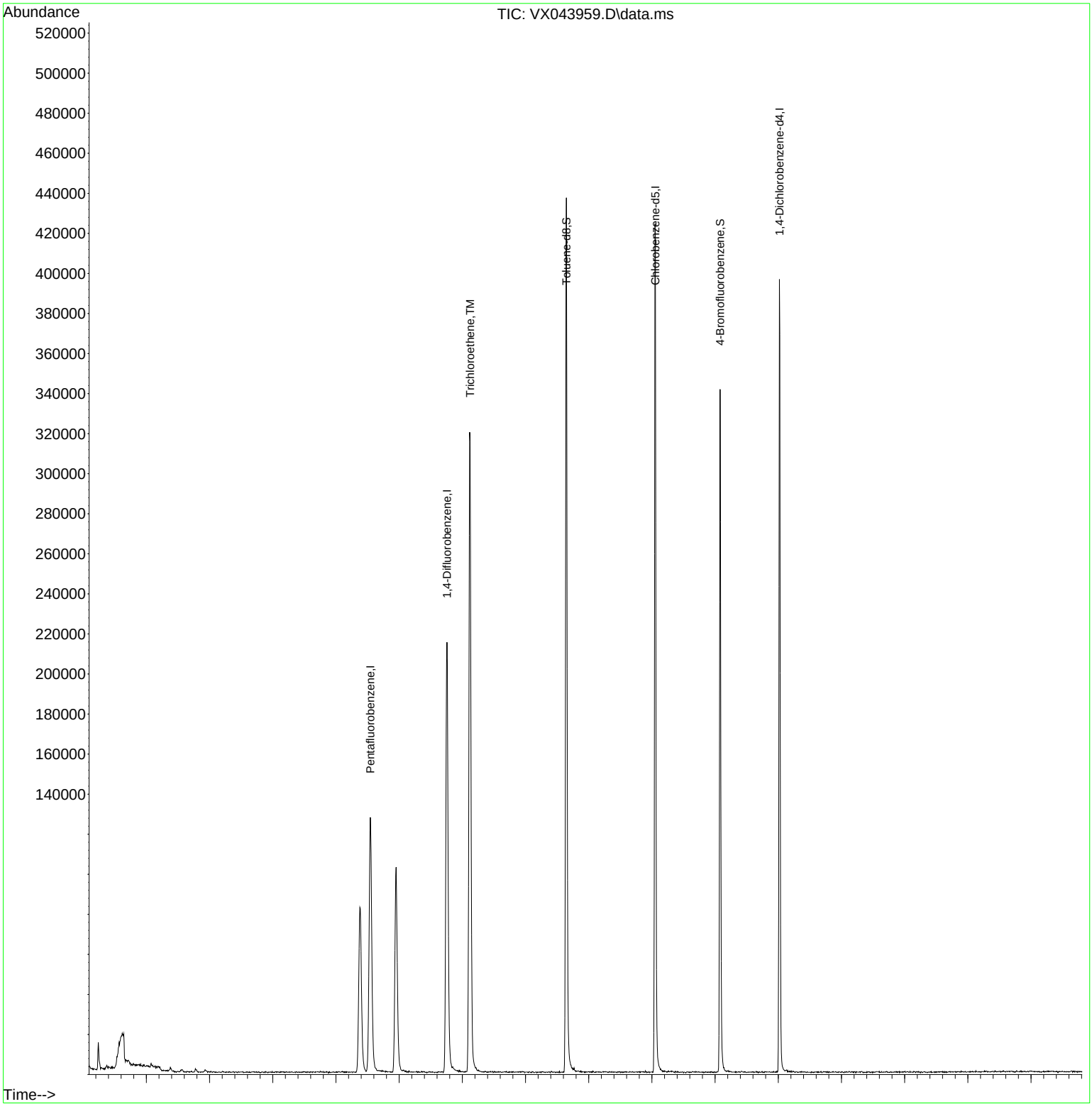
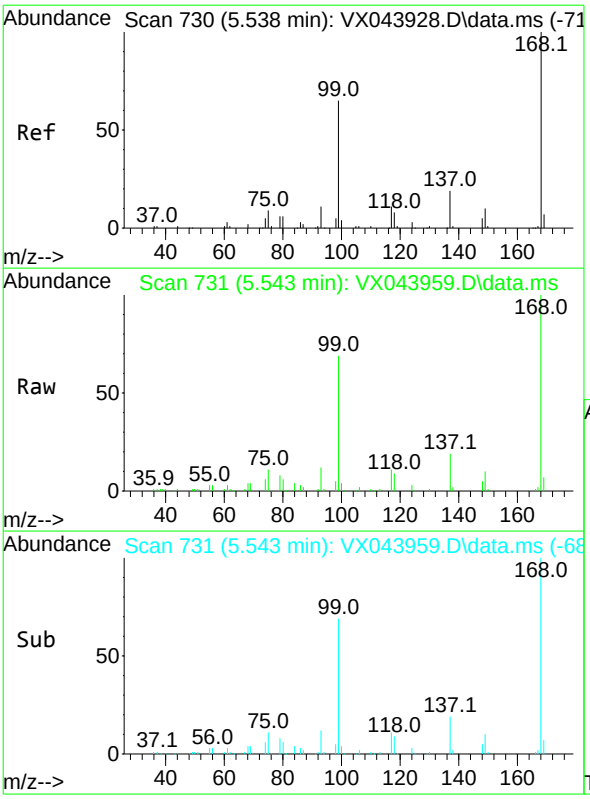


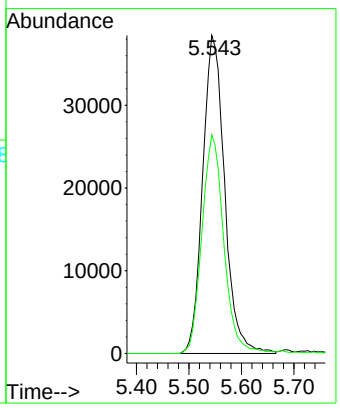


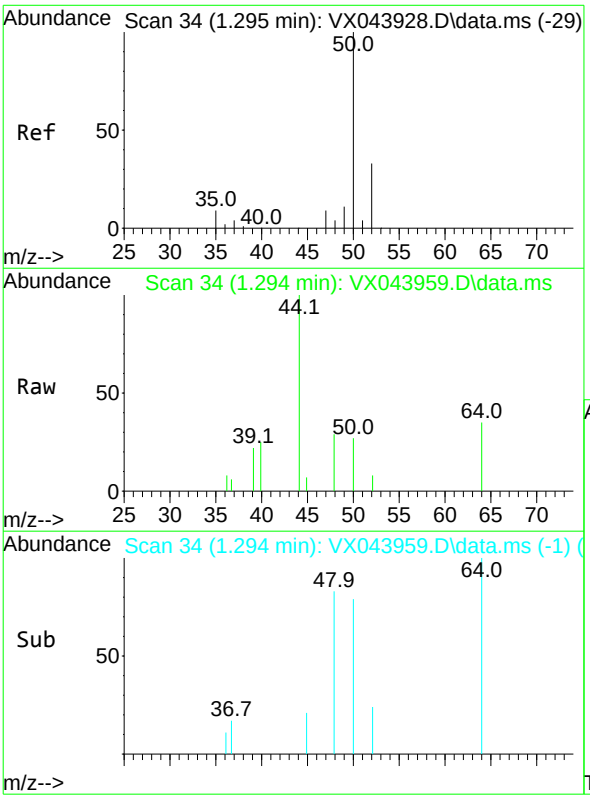
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 73
Delta R.T. 0.005 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion:168 Resp: 111846

Ion	Ratio	Lower	Upper
168	100		
99	68.7	51.8	77.8

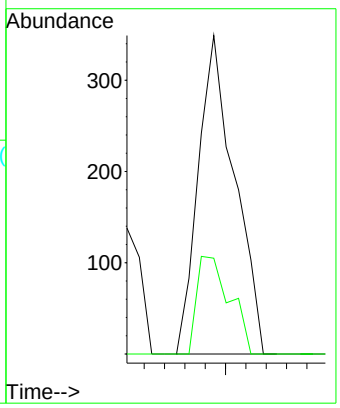


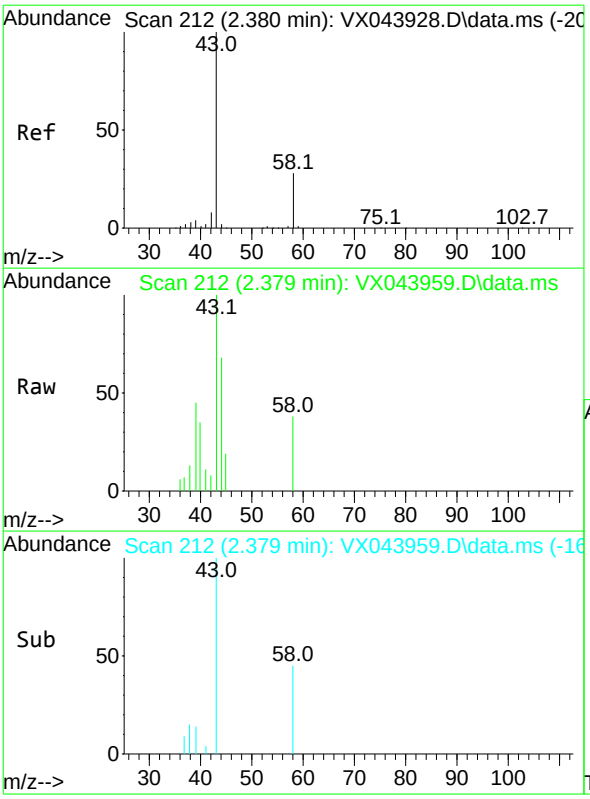


#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 50 Resp: 433

Ion	Ratio	Lower	Upper
50	100		
52	30.1	26.1	39.1



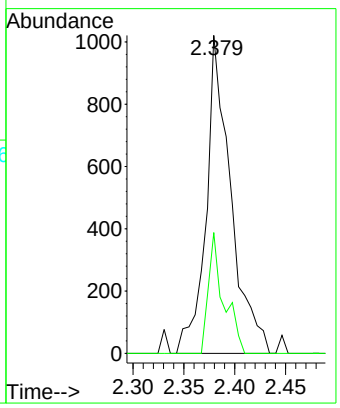


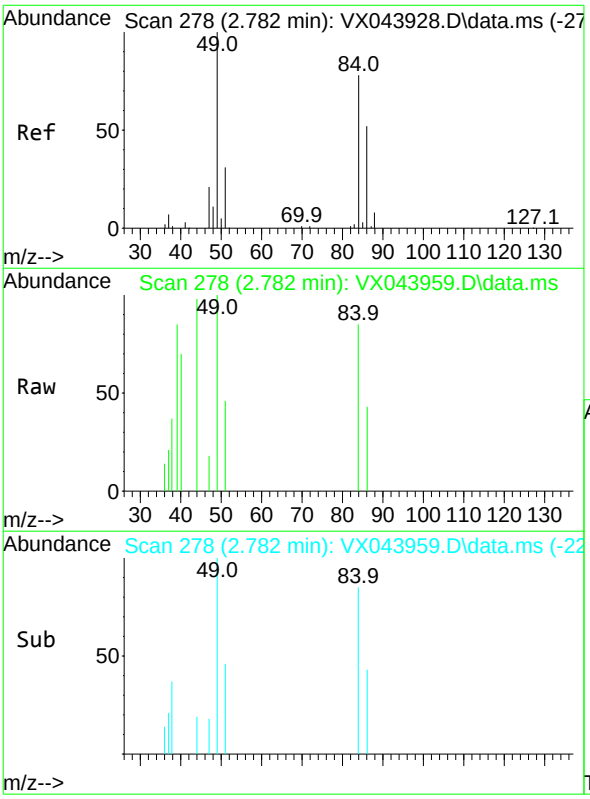
#16
Acetone
Concen: 1.957 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion: 43 Resp: 1724

Ion	Ratio	Lower	Upper
43	100		
58	38.0	22.7	34.1#

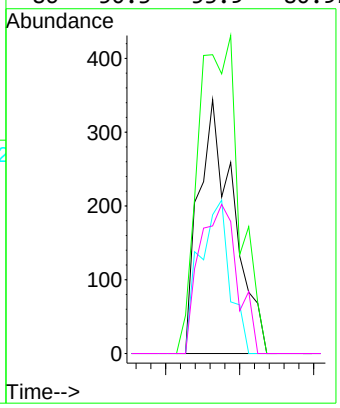


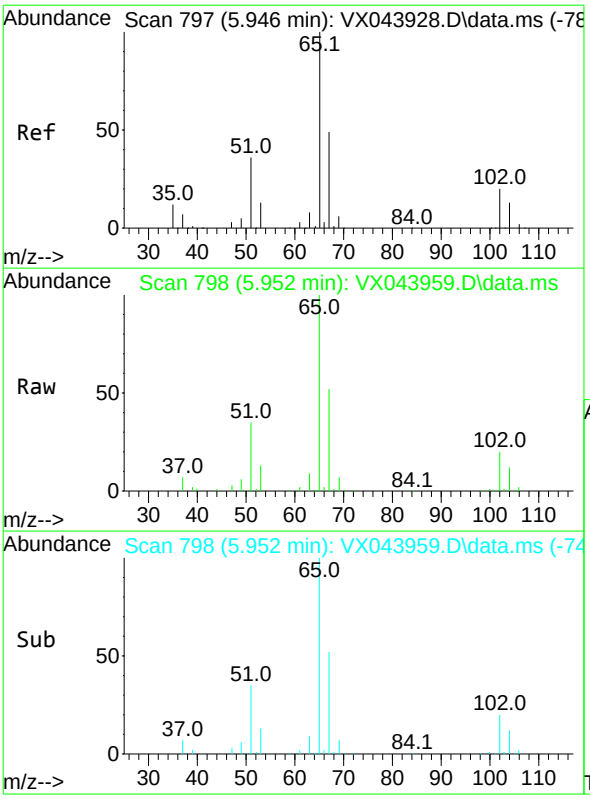


#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 84 Resp: 562

Ion	Ratio	Lower	Upper
84	100		
49	117.7	102.7	154.1
51	54.7	31.7	47.5#
86	50.3	53.9	80.9#



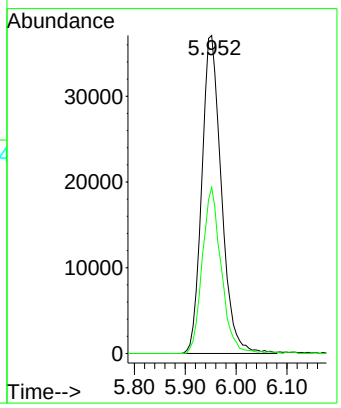


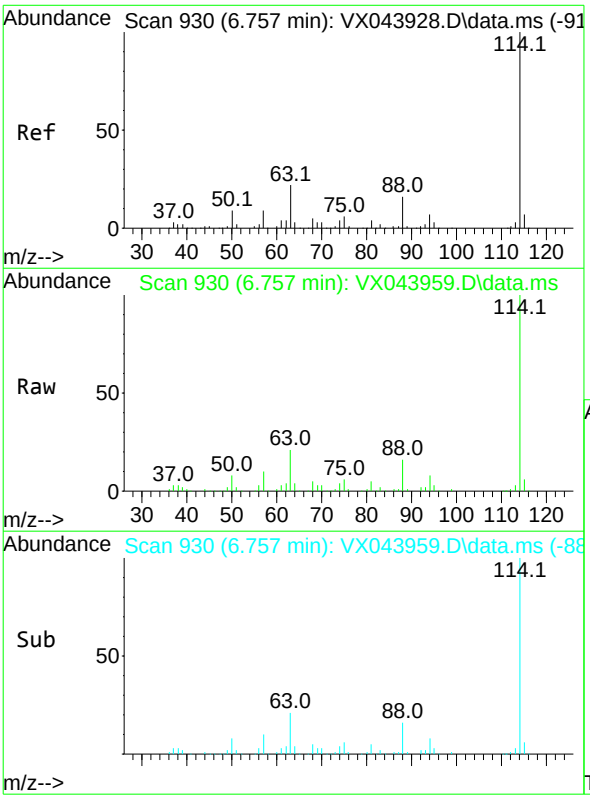
#33
1,2-Dichloroethane-d4
Concen: 51.826 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion: 65 Resp: 99420

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.8

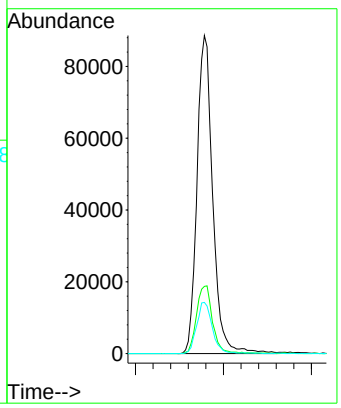


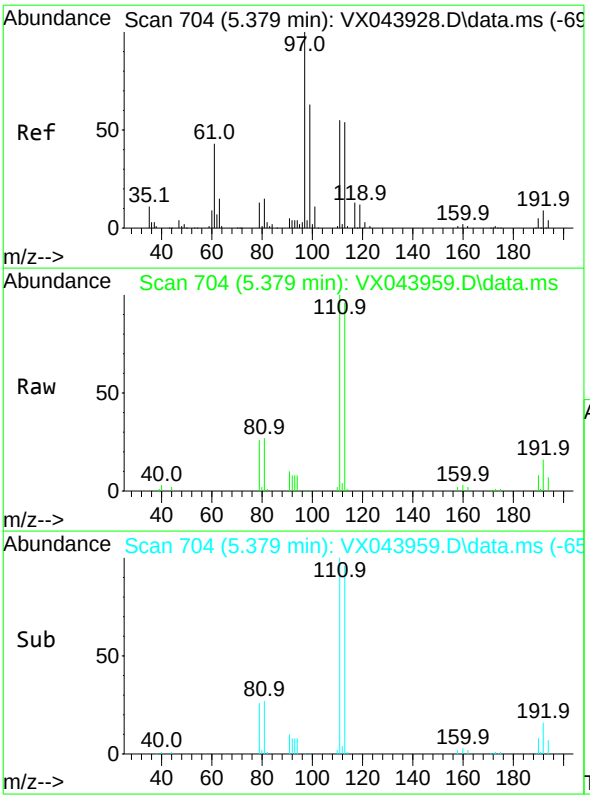


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion:114 Resp: 219449

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.1	0.0	32.4



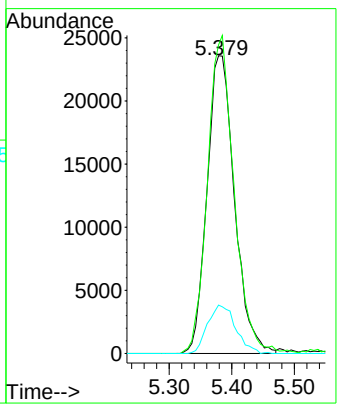


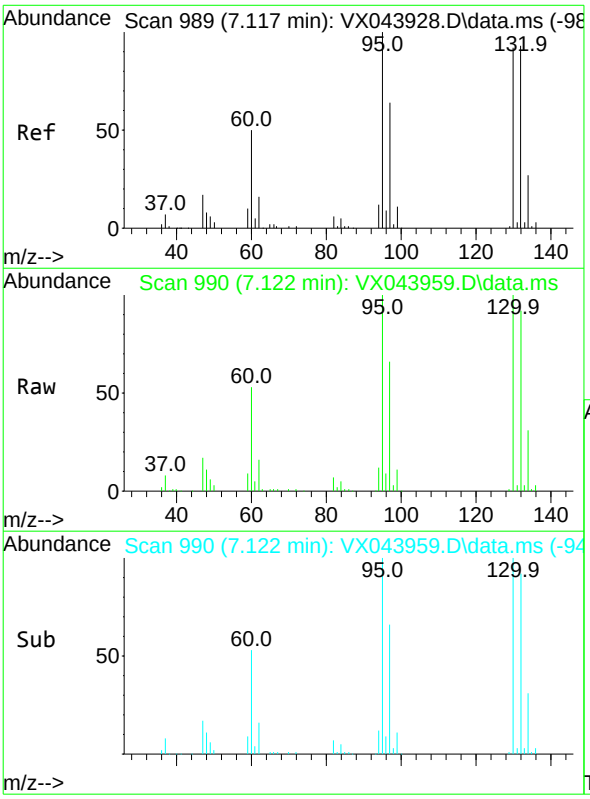
#35
Dibromofluoromethane
Concen: 45.848 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion:113 Resp: 71893

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.4
192	16.6	13.0	19.6

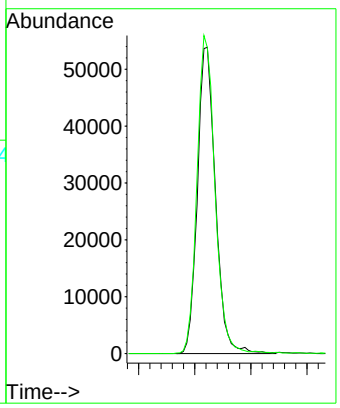


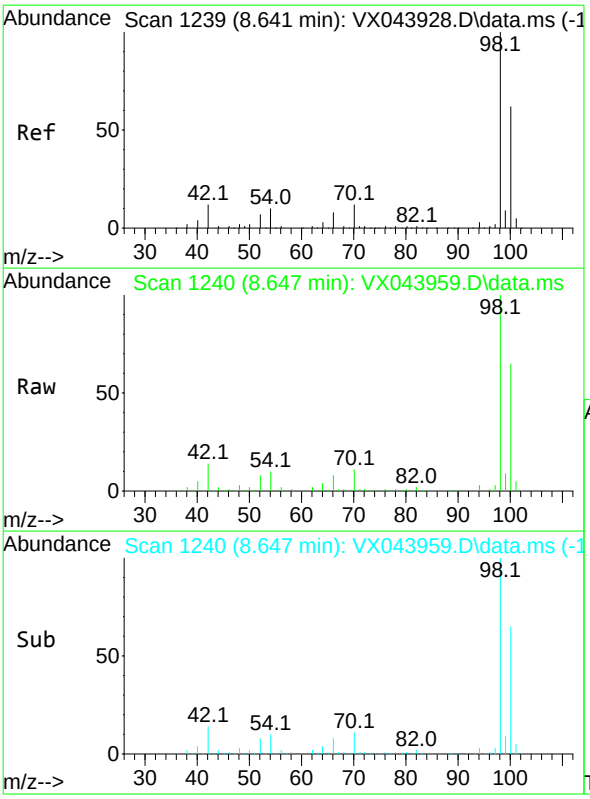


#44
Trichloroethene
Concen: 69.796 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion:130 Resp: 120261

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	217.8



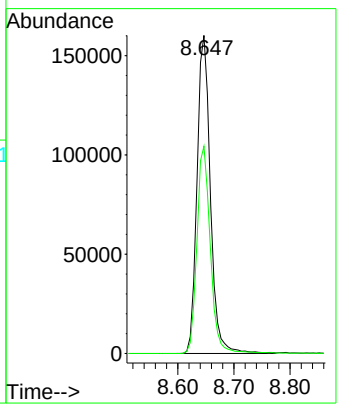


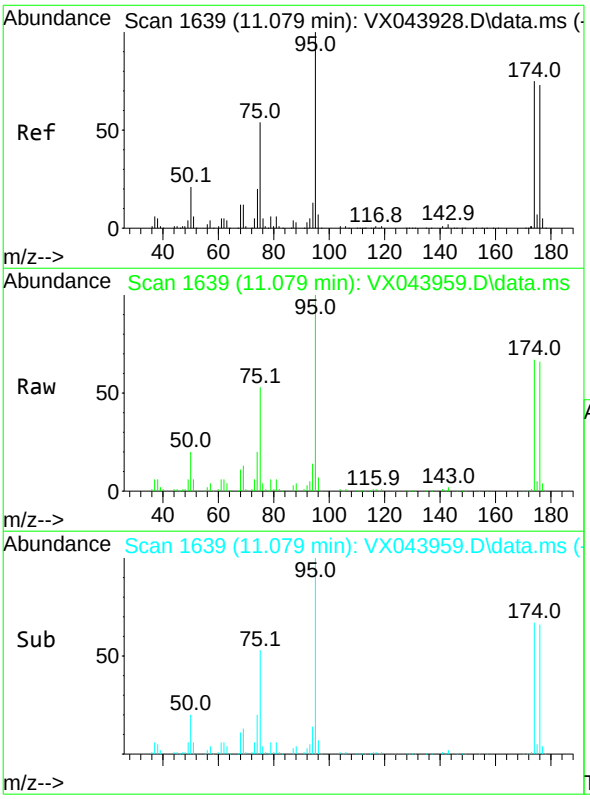
#50
Toluene-d8
Concen: 49.074 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion: 98 Resp: 265258

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0

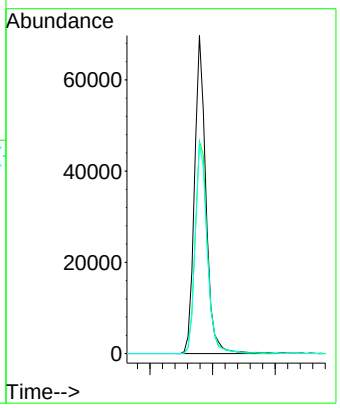


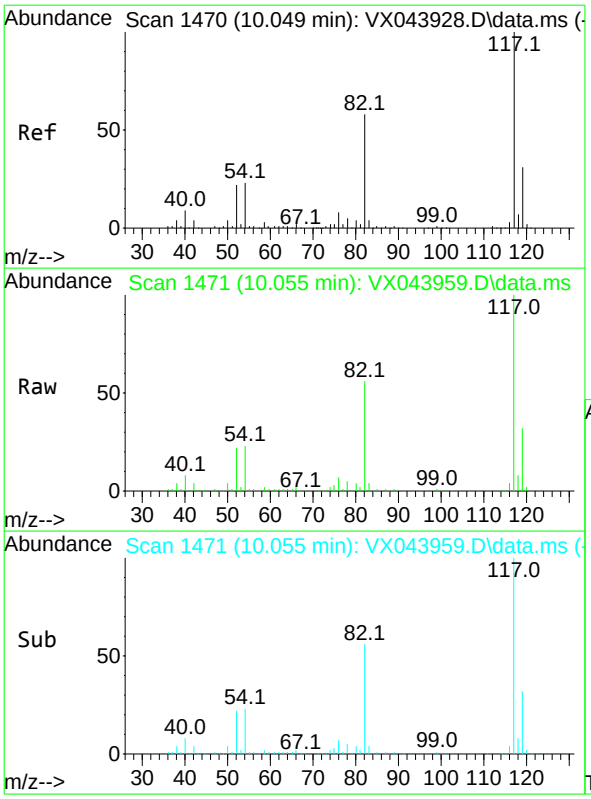


#62
4-Bromofluorobenzene
Concen: 48.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion: 95 Resp: 88331

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	150.4
176	69.5	0.0	146.0



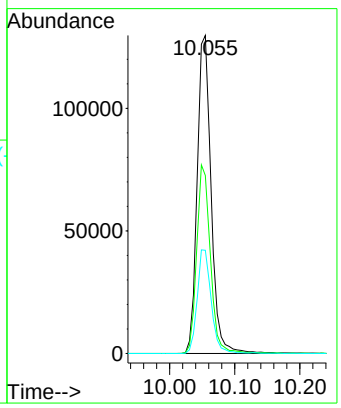


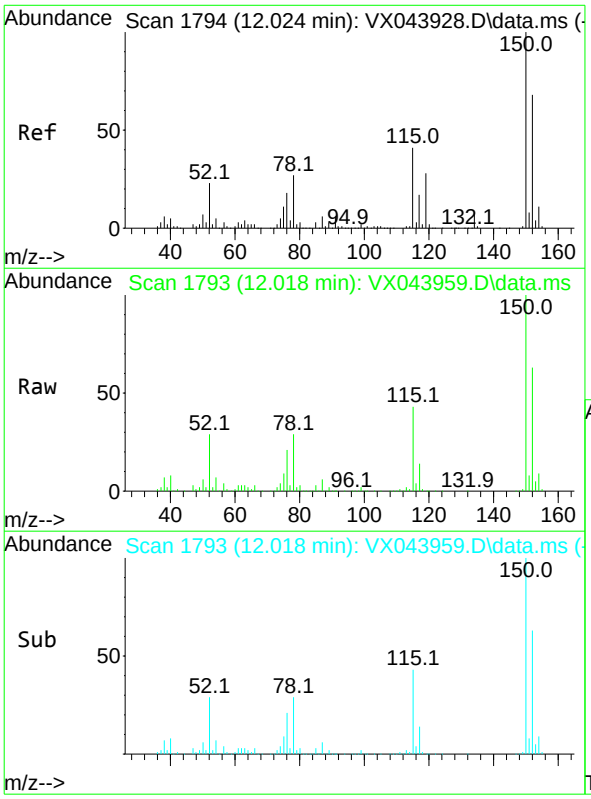
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-EVAL-03S-20241113

Tgt Ion:117 Resp: 192930

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.4	69.6
119	32.5	24.6	37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043959.D
Acq: 22 Nov 2024 14:57

Tgt Ion:152 Resp: 76810

Ion	Ratio	Lower	Upper
152	100		
115	64.6	45.4	136.2
150	160.6	0.0	353.0