Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
Data File : VN077949.D
Acq On : 27 May 2023 02:03
Operator : JC\MD
Sample : 02957-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Quant Time: May 29 01:41:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	374437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	694176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254611	45.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.900%			
35) Dibromofluoromethane	8.177	113	222877	49.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.576	98	883855	50.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.853	95	315820	51.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.640%			
Target Compounds						Qvalue
16) Acetone	4.447	43	31127	17.659	ug/l	97
20) Methylene Chloride	5.283	84	26004	3.844	ug/l #	84
37) Ethyl Acetate	7.571	43	62204	10.541	ug/l	96
43) Isopropyl Acetate	8.700	43	297626	30.877	ug/l #	81
95) Naphthalene	15.647	128	13817333	789.802	ug/l	99

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

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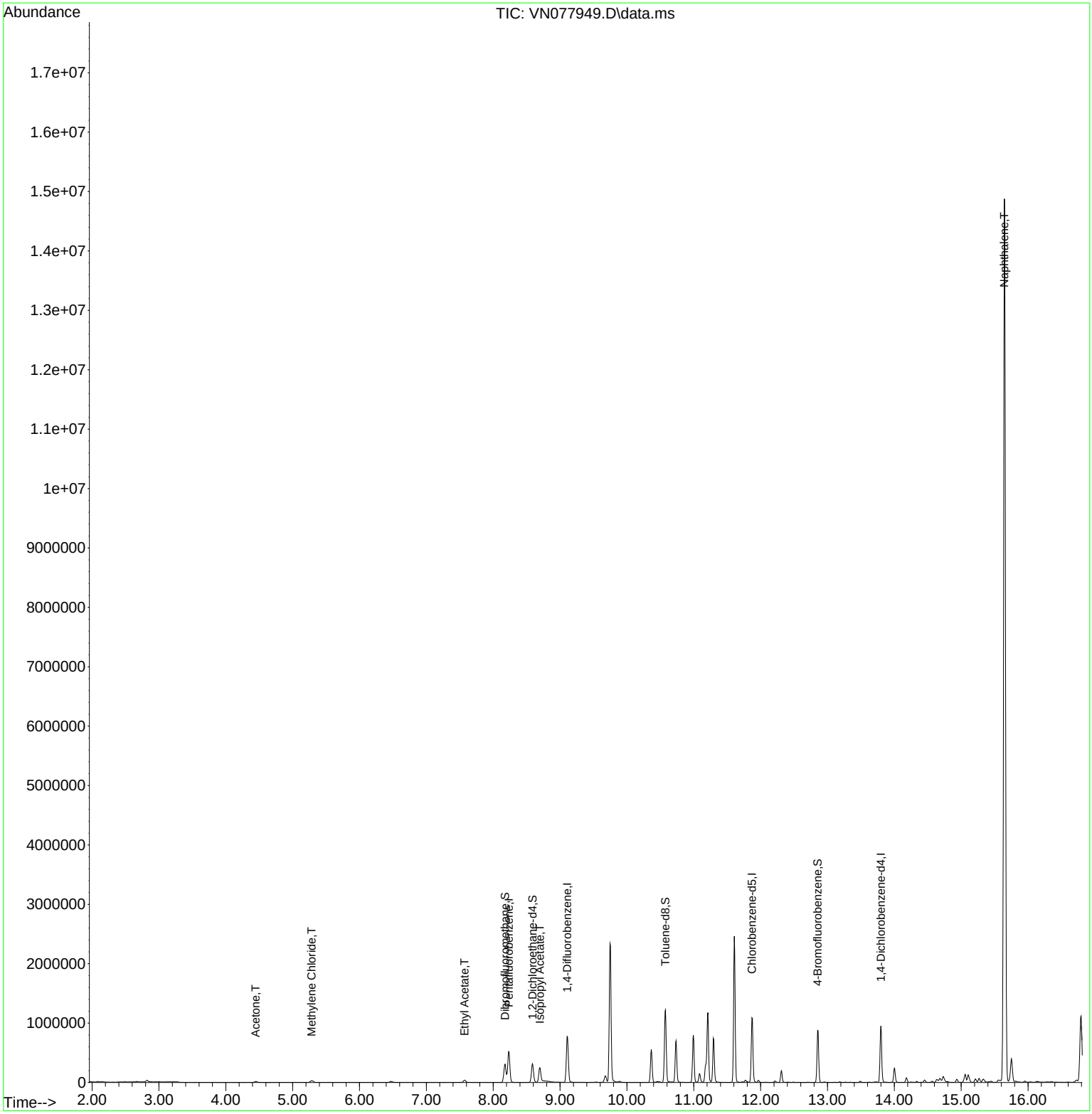
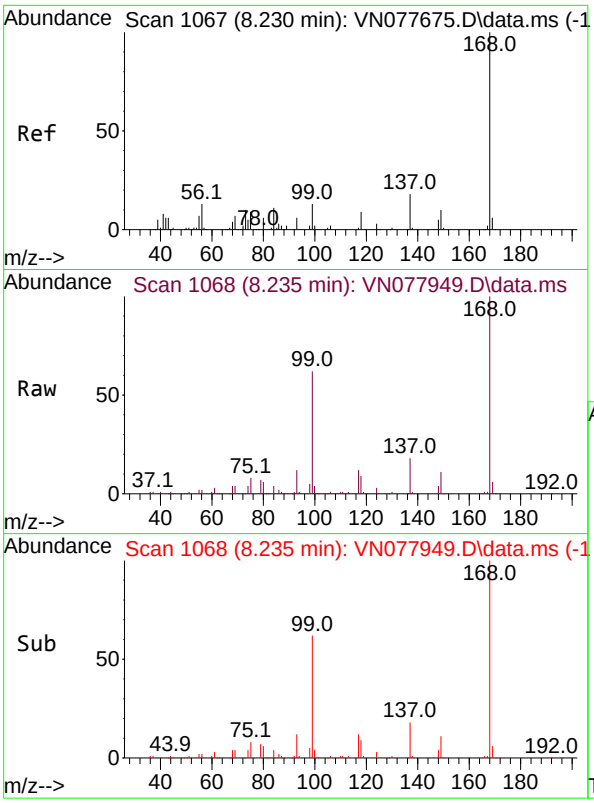


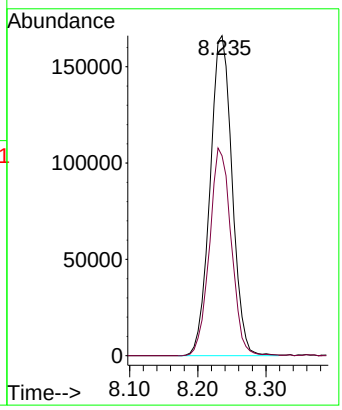


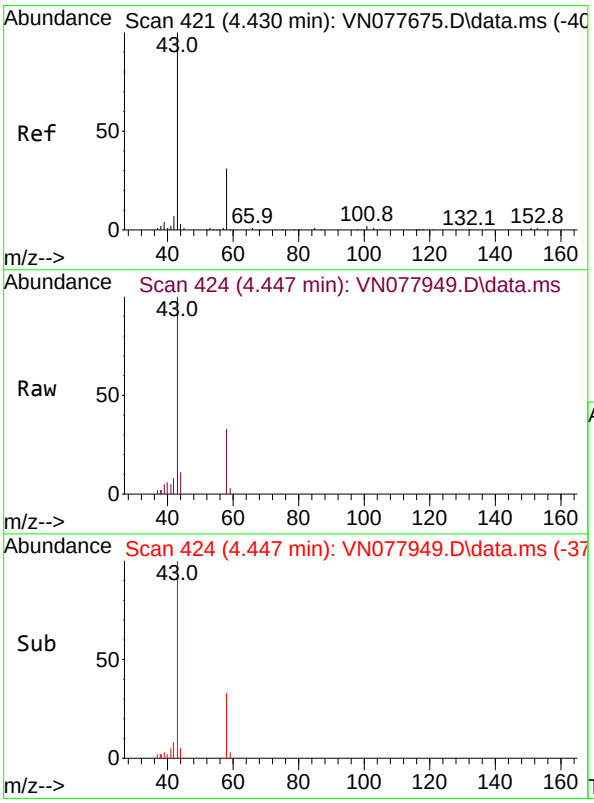
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion:168 Resp: 374437

Ion	Ratio	Lower	Upper
168	100		
99	62.5	53.0	79.6

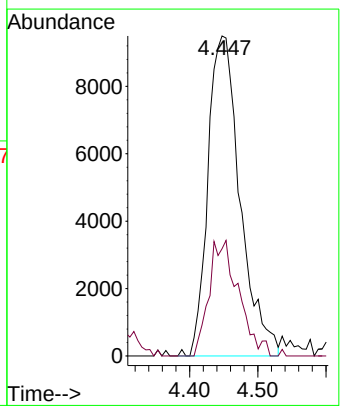


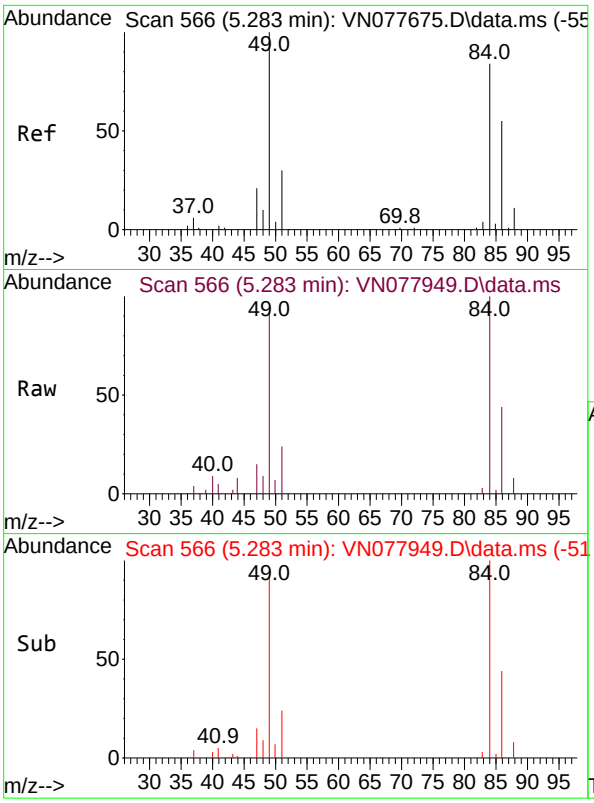


#16
Acetone
Concen: 17.659 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion: 43 Resp: 31127

Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.0	42.0



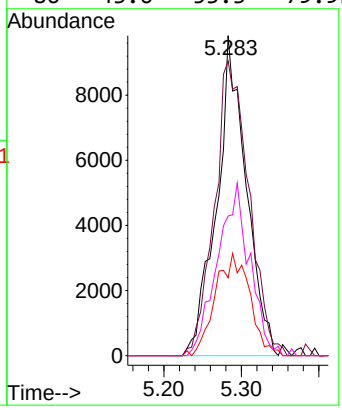


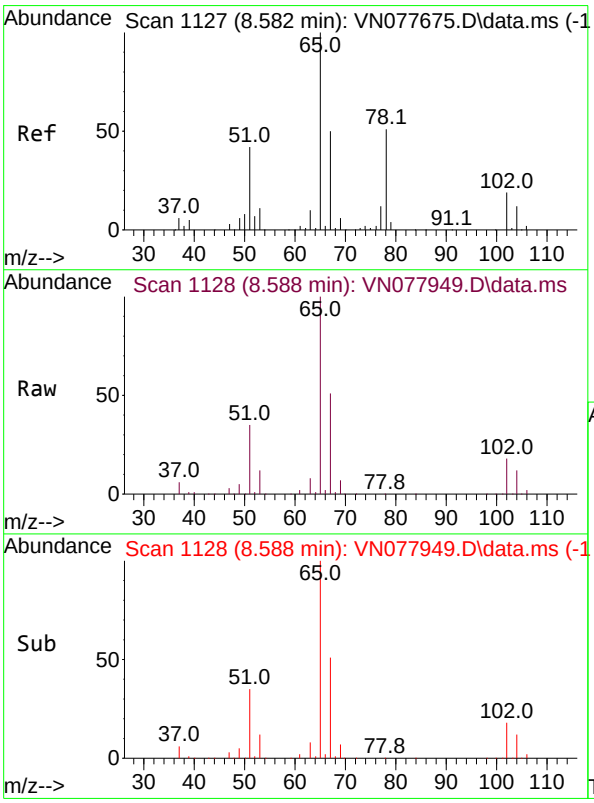
#20
Methylene Chloride
Concen: 3.844 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion: 84 Resp: 26004

Ion	Ratio	Lower	Upper
84	100		
49	92.1	79.7	119.5
51	24.3	25.2	37.8#
86	43.6	53.3	79.9#

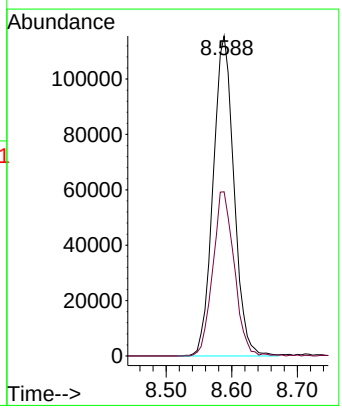


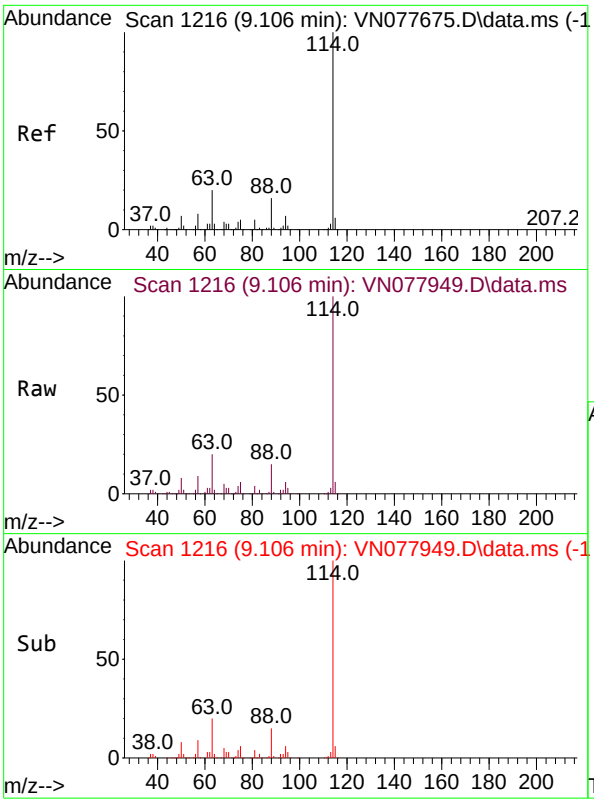


#33
1,2-Dichloroethane-d4
Concen: 45.446 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion: 65 Resp: 254611

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.6



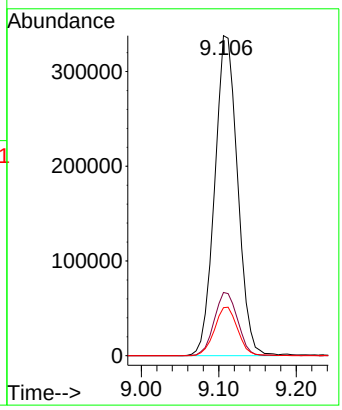


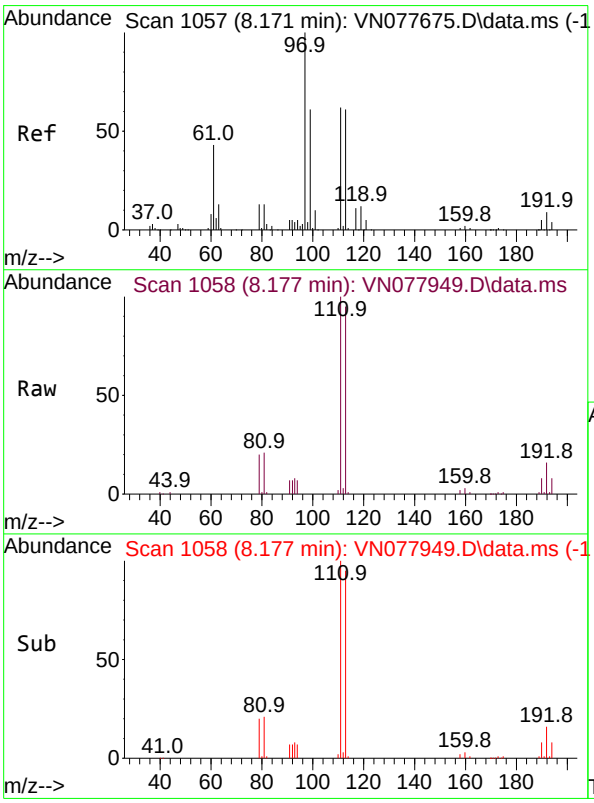
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion:114 Resp: 694176

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.4
88	15.0	0.0	30.6

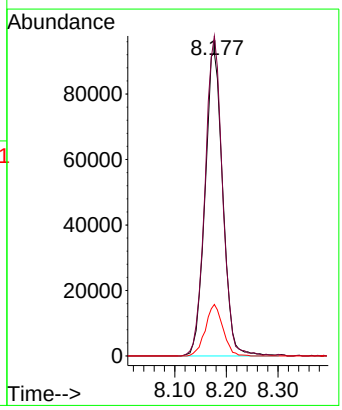


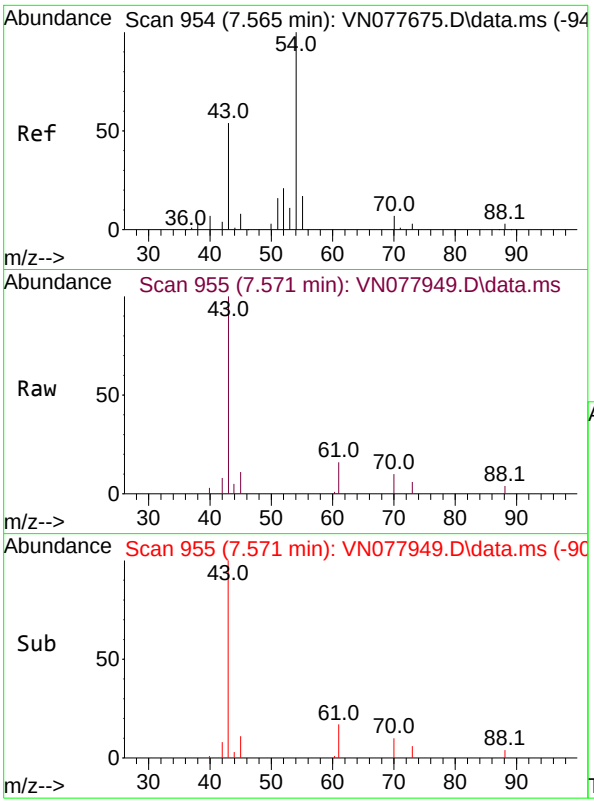


#35
Dibromofluoromethane
Concen: 49.237 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion:113 Resp: 222877

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	16.6	12.7	19.1



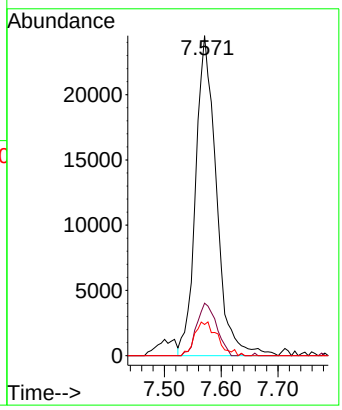


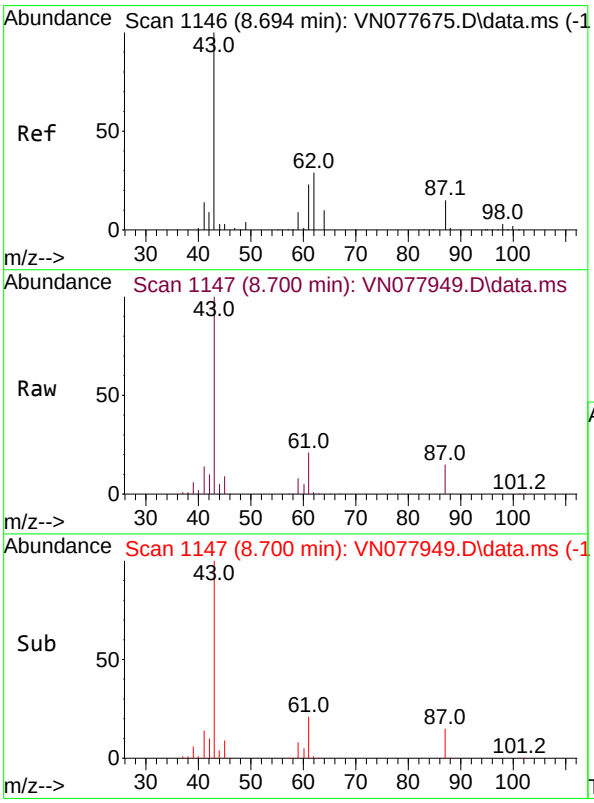
#37
Ethyl Acetate
Concen: 10.541 ug/l
RT: 7.571 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion: 43 Resp: 62204

Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.2	19.8
70	11.6	11.3	16.9

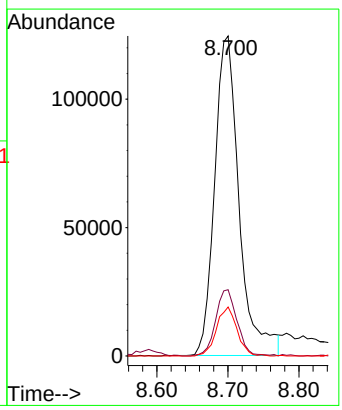


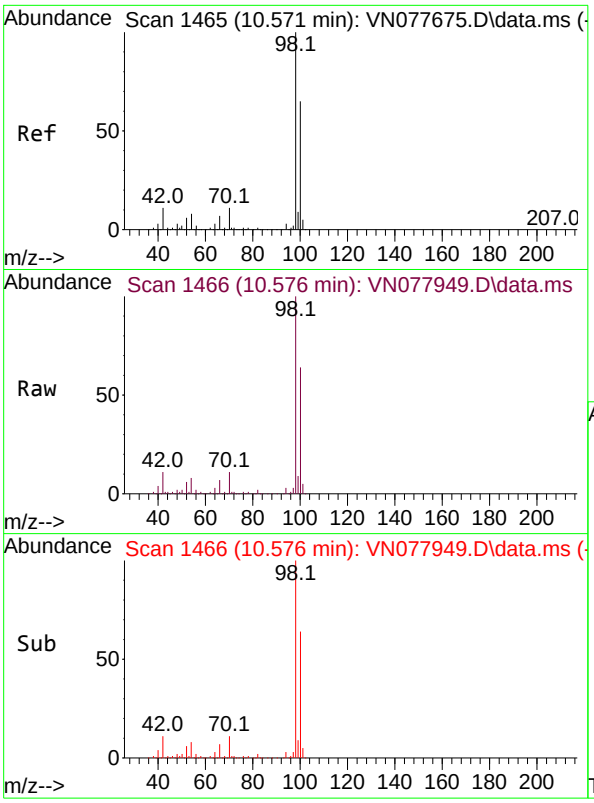


#43
Isopropyl Acetate
Concen: 30.877 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion: 43 Resp: 297626

Ion	Ratio	Lower	Upper
43	100		
61	18.1	24.7	37.1#
87	12.9	14.6	21.8#



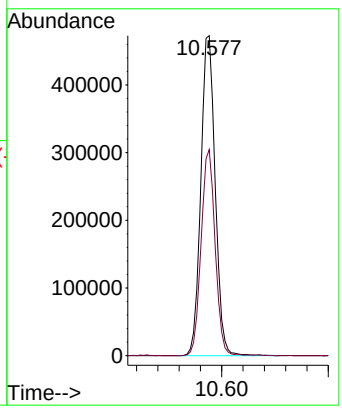


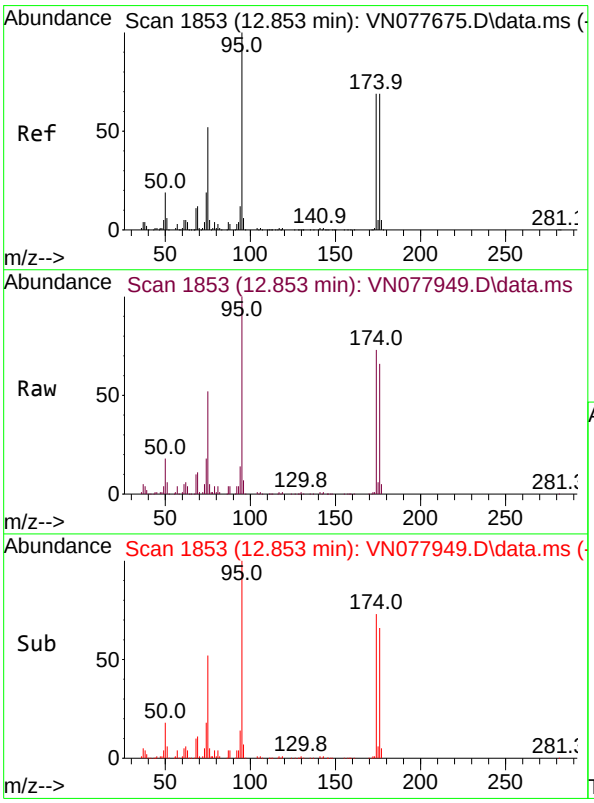
#50
Toluene-d8
Concen: 50.728 ug/l
RT: 10.576 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion: 98 Resp: 883855

Ion	Ratio	Lower	Upper
98	100		
100	62.9	52.0	78.0

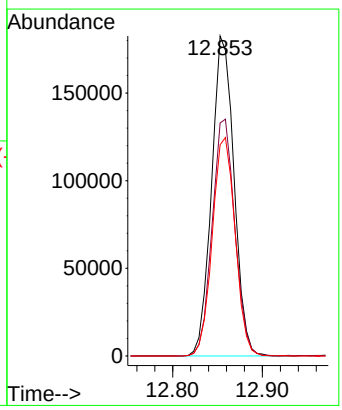


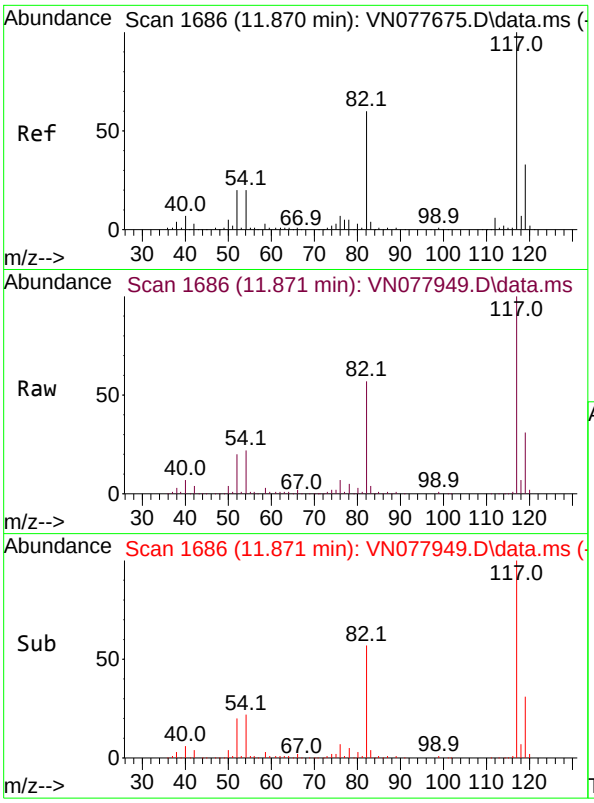


#62
4-Bromofluorobenzene
Concen: 51.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion: 95 Resp: 315820

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	143.8
176	69.7	0.0	135.8



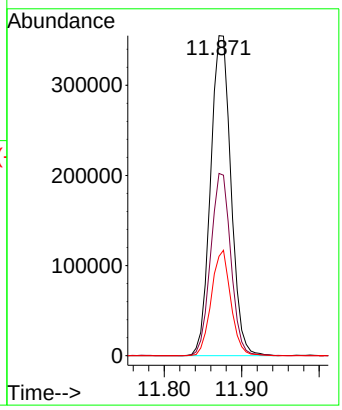


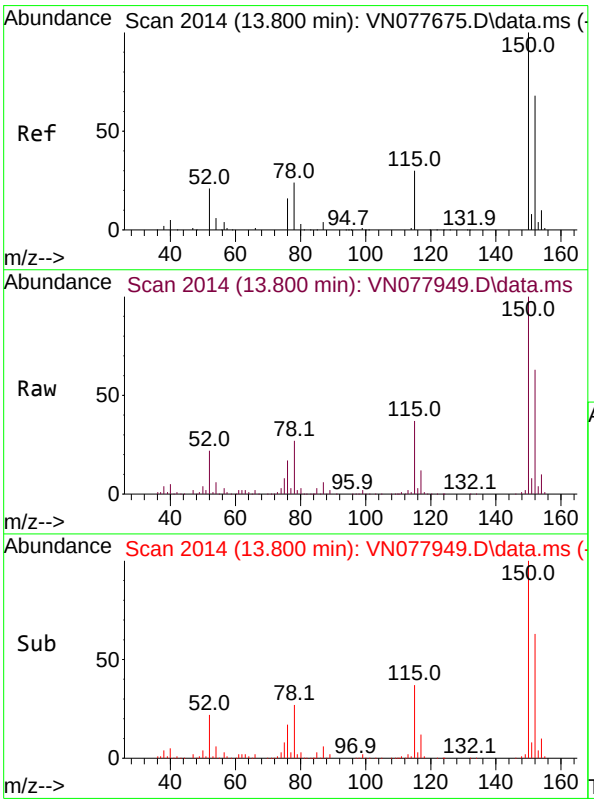
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion:117 Resp: 649415

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.0	66.0
119	31.1	25.6	38.4

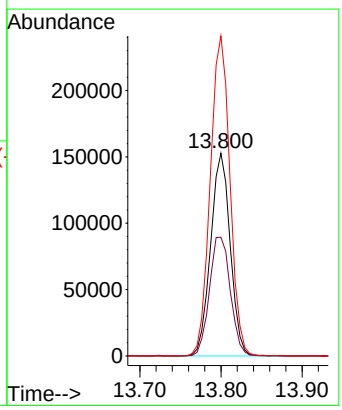


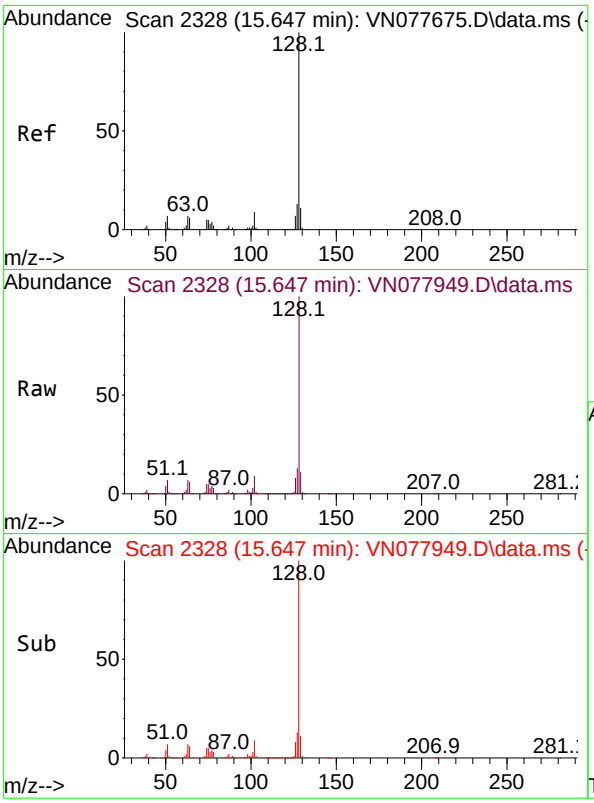


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Tgt Ion:152 Resp: 255919

Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	158.2	0.0	355.8





#95
Naphthalene
Concen: 789.802 ug/l
RT: 15.647 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN077949.D
Acq: 27 May 2023 02:03

Instrument :
MSVOA_N
ClientSampleId :
TP-9-0A

Tgt Ion:128 Resp:13817333

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	11.2	8.7	13.1