Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
Data File : VN077088.D
Acq On : 21 Mar 2023 14:16
Operator : JC\MD
Sample : 02001-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Quant Time: Mar 21 23:16:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	384164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	708599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	628880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	226534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	283554	46.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.420%		
35) Dibromofluoromethane	8.172	113	219827	44.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.600%		
50) Toluene-d8	10.572	98	864729	48.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.854	95	275124	43.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.840%		
Target Compounds						Qvalue
16) Acetone	4.449	43	48464	17.725	ug/l	96
20) Methylene Chloride	5.290	84	20830	3.510	ug/l	84
37) Ethyl Acetate	7.566	43	77240	9.314	ug/l	98
43) Isopropyl Acetate	8.695	43	358821	27.698	ug/l #	88
95) Naphthalene	15.648	128	3579	2.141	ug/l #	88

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

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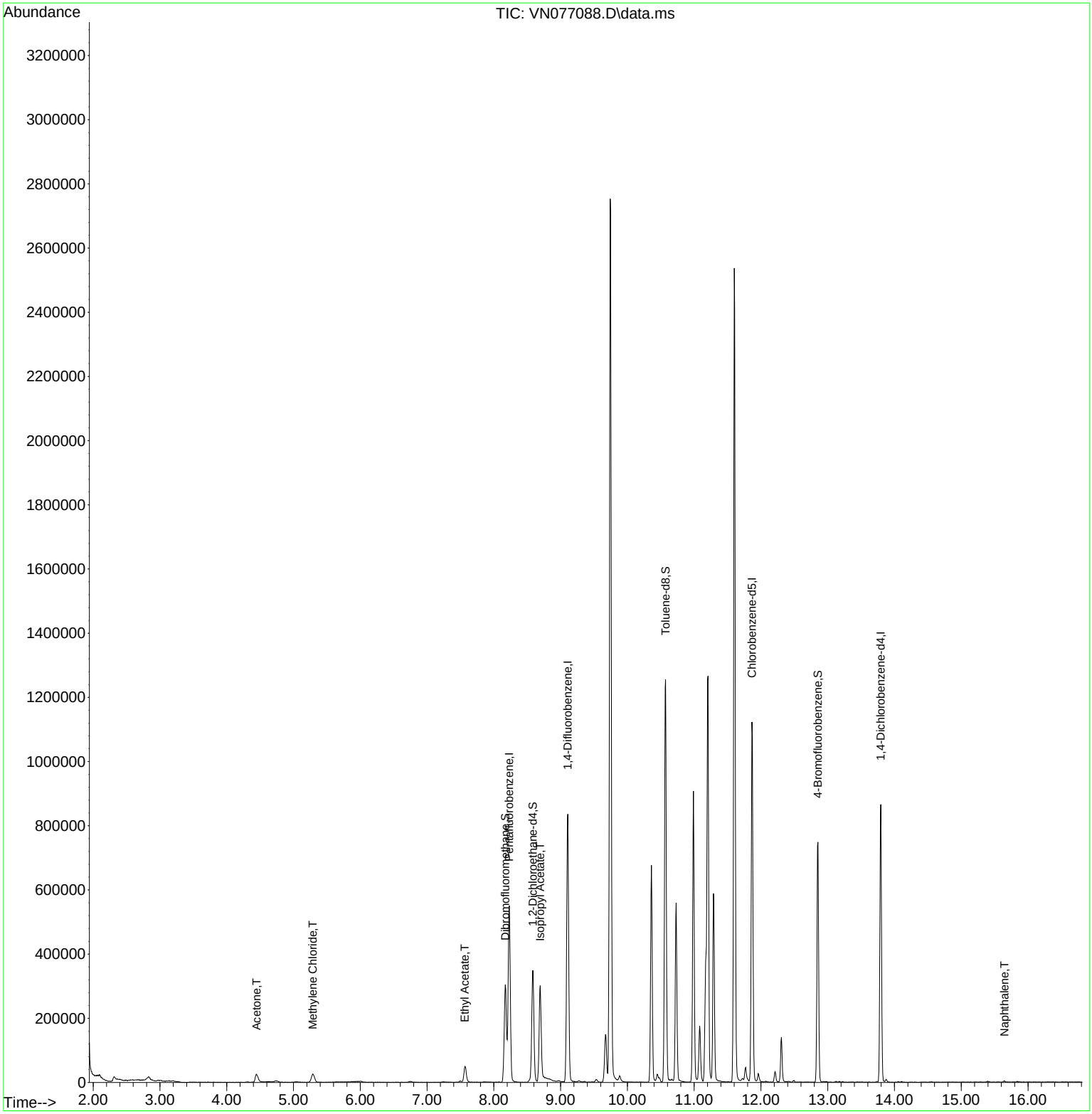
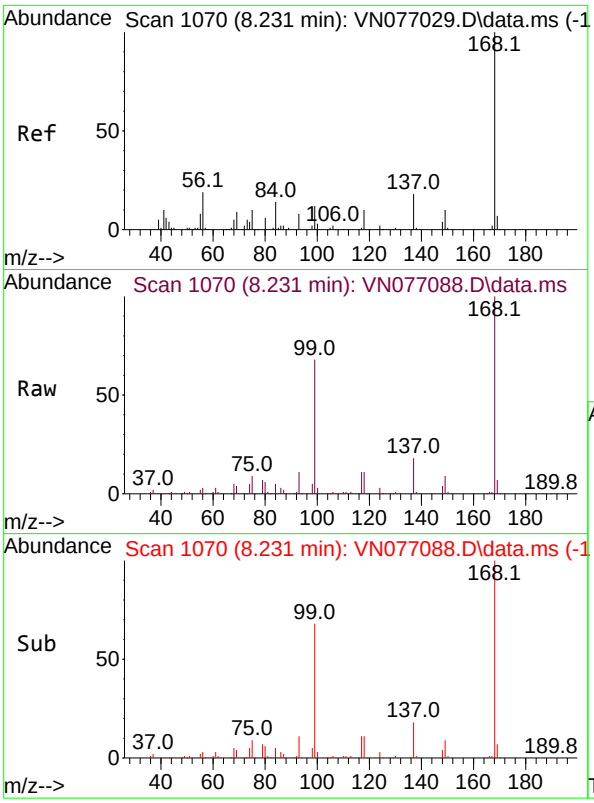


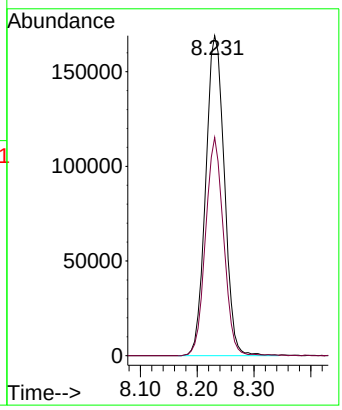


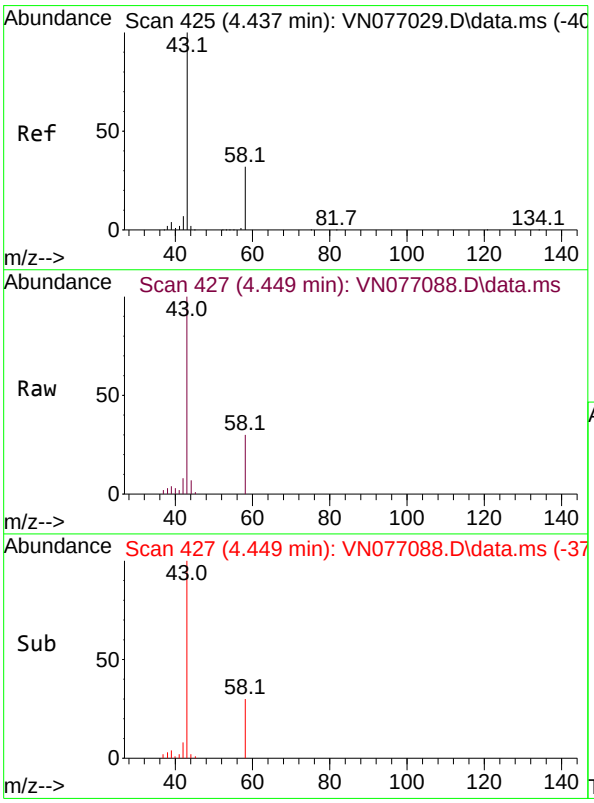
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion:168 Resp: 384164

Ion	Ratio	Lower	Upper
168	100		
99	68.2	53.9	80.9

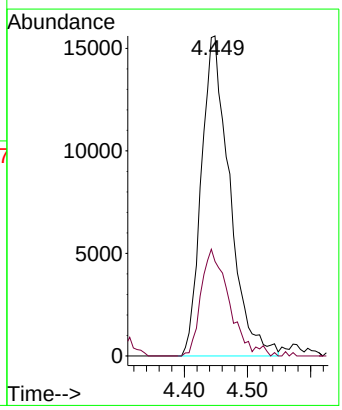


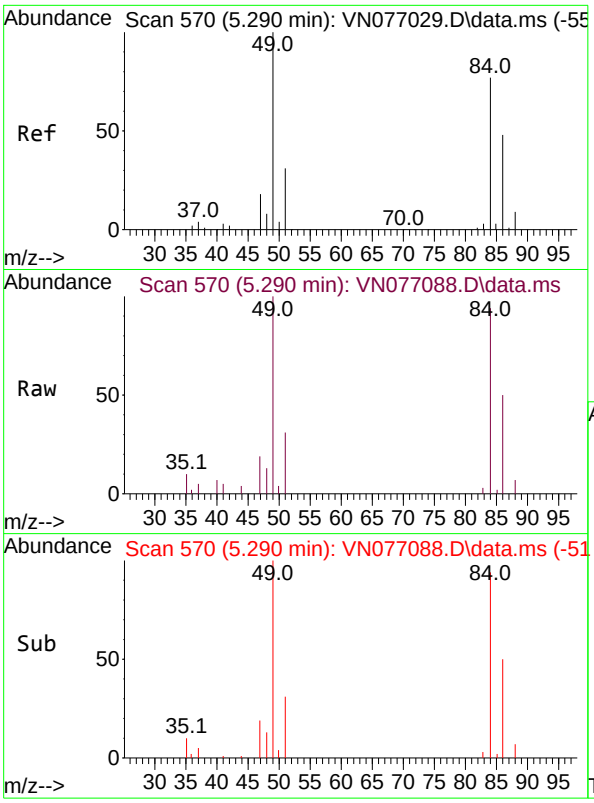


#16
Acetone
Concen: 17.725 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 43 Resp: 48464

Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.4	38.0



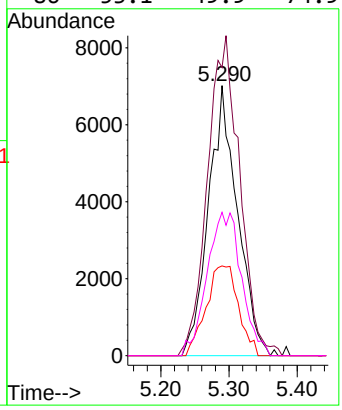


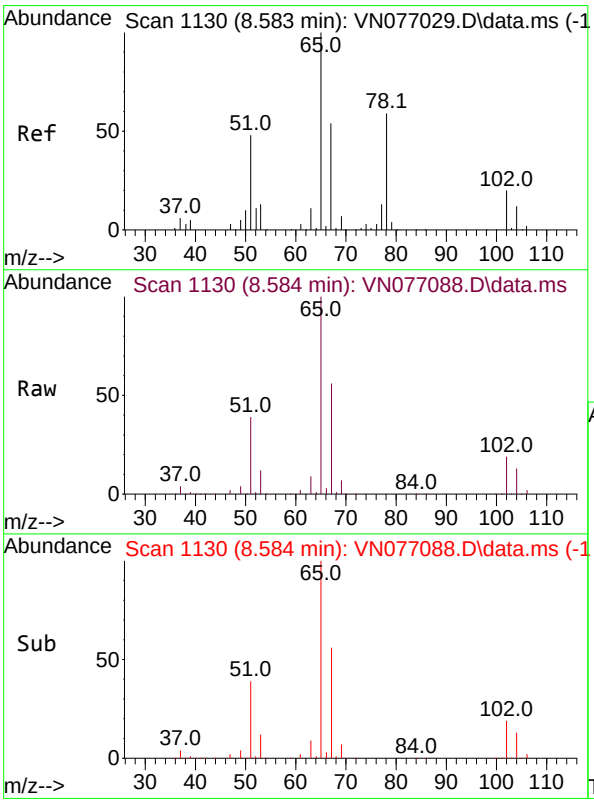
#20
Methylene Chloride
Concen: 3.510 ug/l
RT: 5.290 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion: 84 Resp: 20830

Ion	Ratio	Lower	Upper
84	100		
49	106.7	103.8	155.6
51	33.2	32.3	48.5
86	53.1	49.9	74.9

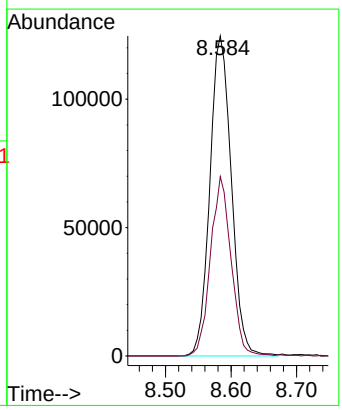


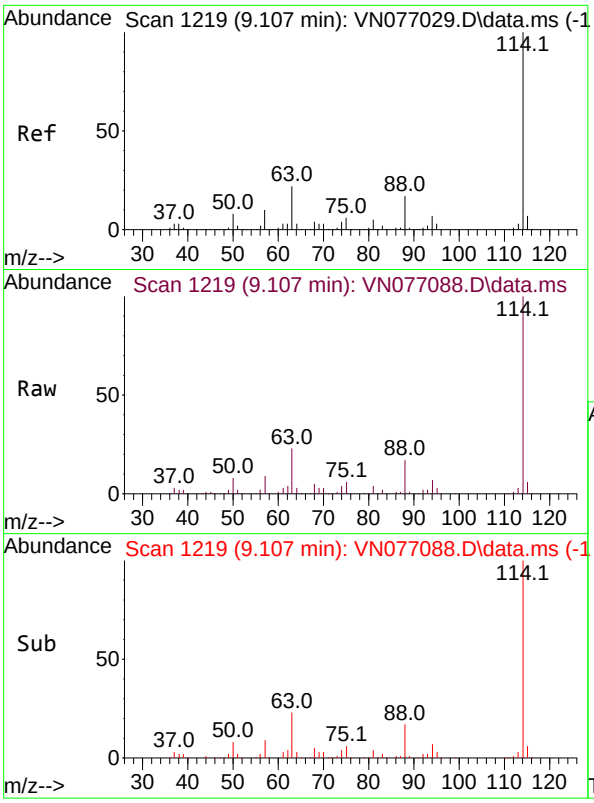


#33
1,2-Dichloroethane-d4
Concen: 46.209 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 65 Resp: 283554

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.2



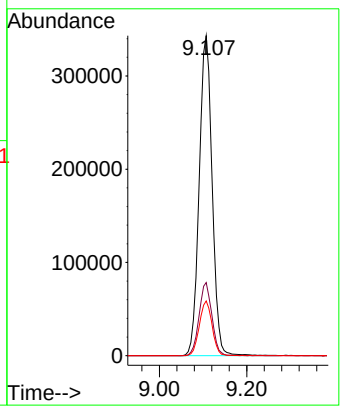


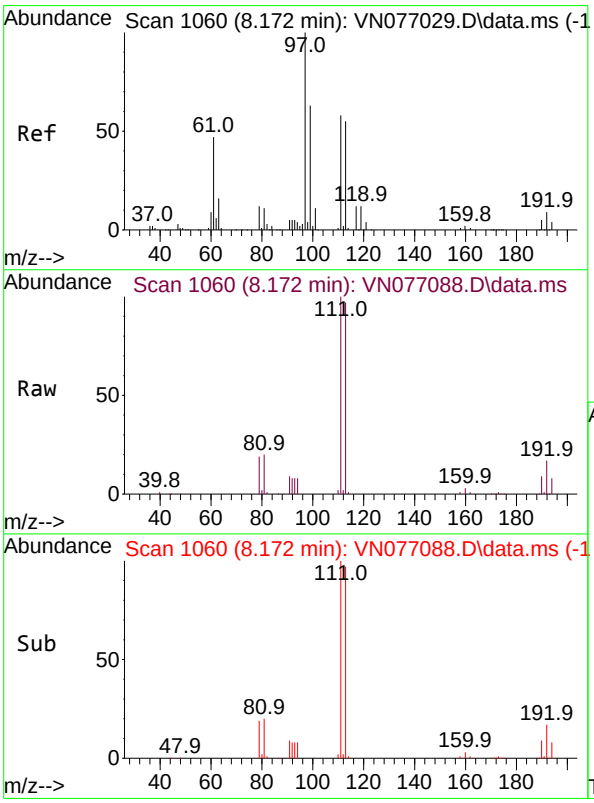
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion:114 Resp: 708599

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.6
88	17.1	0.0	33.8

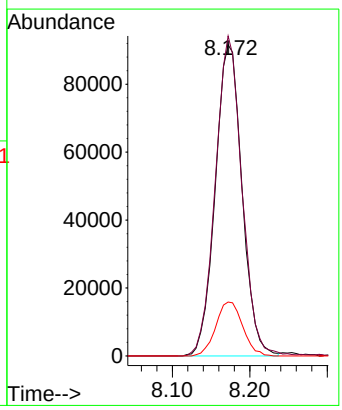


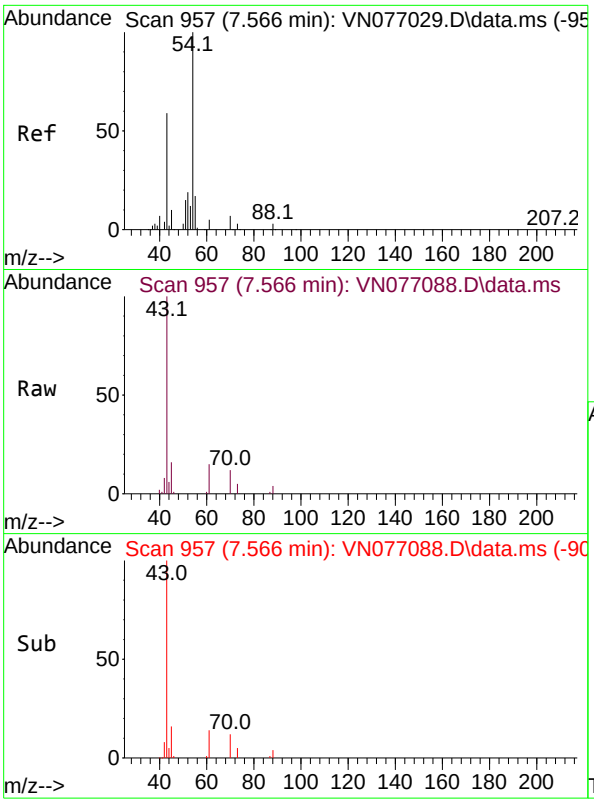


#35
Dibromofluoromethane
Concen: 44.298 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion:113 Resp: 219827

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	17.4	13.0	19.6



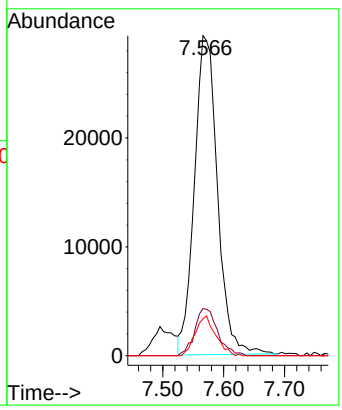


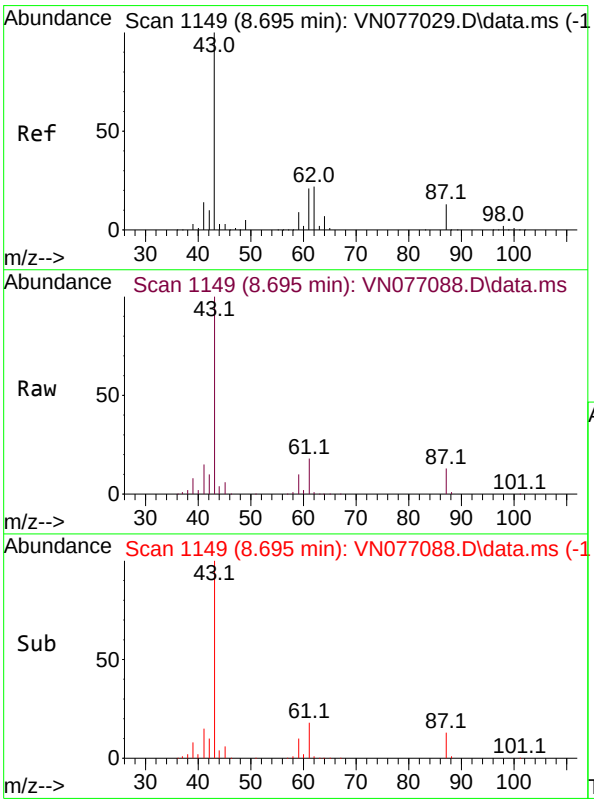
#37
Ethyl Acetate
Concen: 9.314 ug/l
RT: 7.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion: 43 Resp: 77240

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	11.0	8.4	12.6

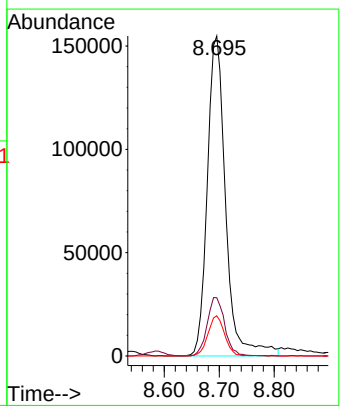


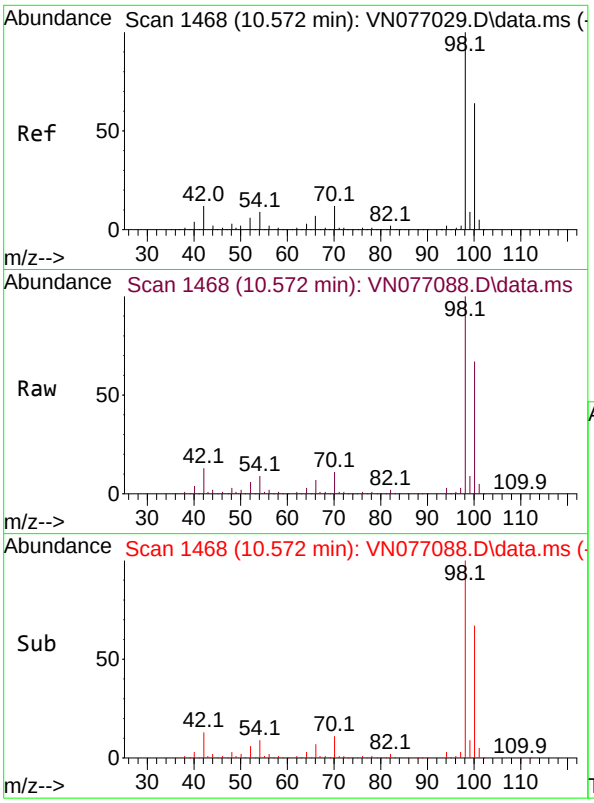


#43
Isopropyl Acetate
Concen: 27.698 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 43 Resp: 358821

Ion	Ratio	Lower	Upper
43	100		
61	17.5	20.6	30.8#
87	11.4	10.0	15.0



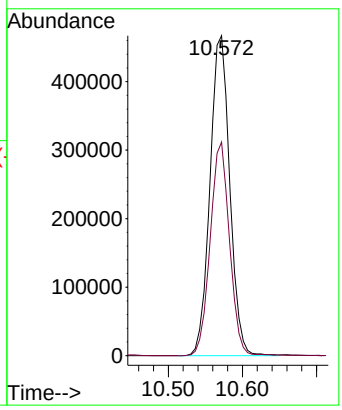


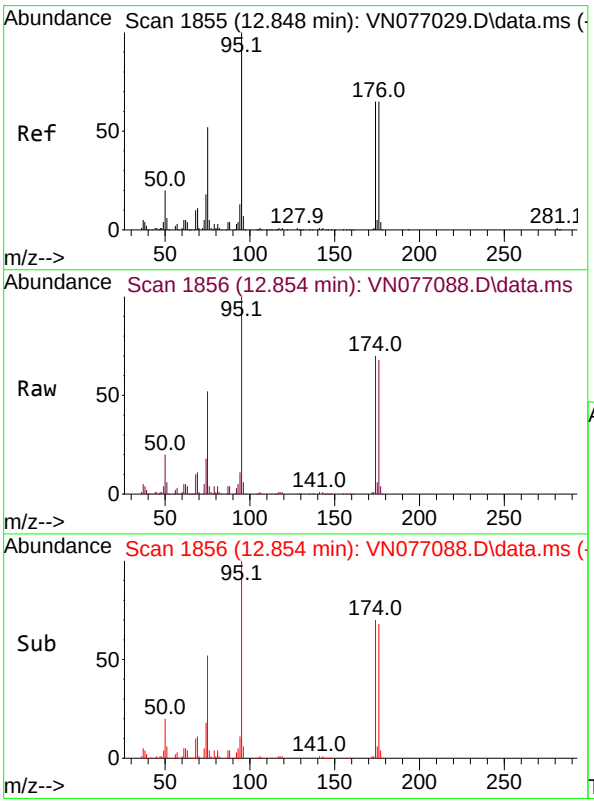
#50
Toluene-d8
Concen: 48.782 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion: 98 Resp: 864729

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4

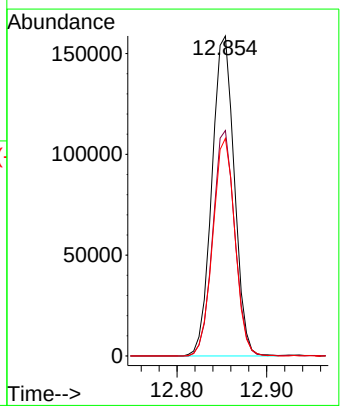


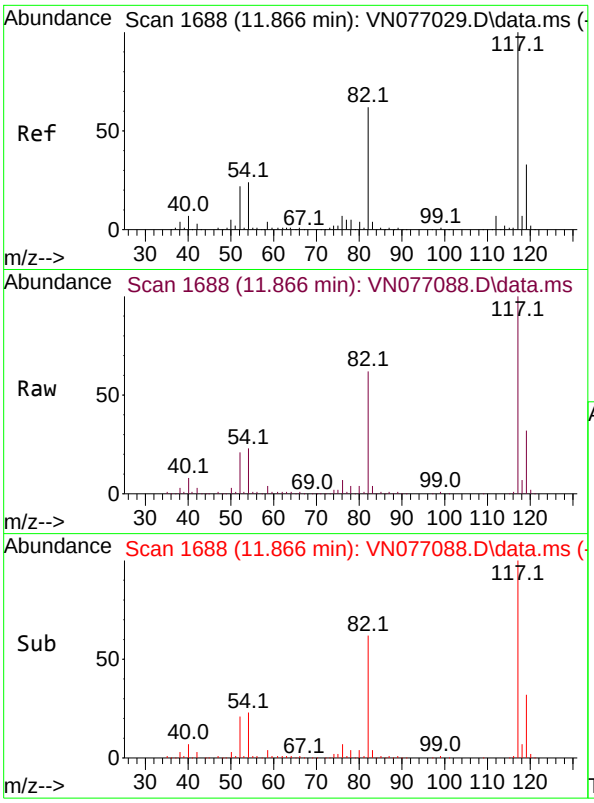


#62
4-Bromofluorobenzene
Concen: 43.922 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion: 95 Resp: 275124

Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	136.6
176	67.3	0.0	130.0



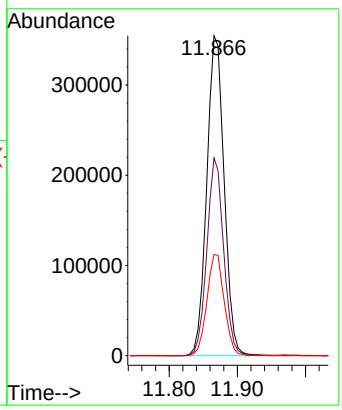


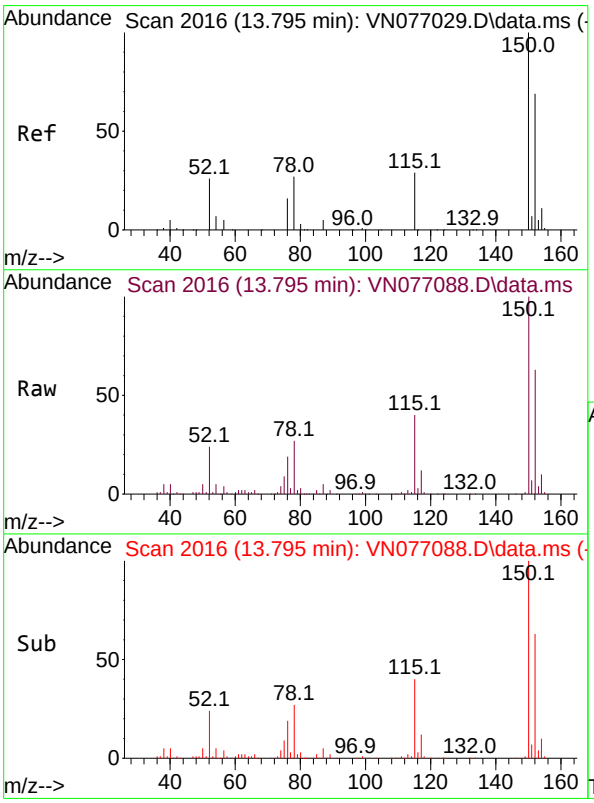
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion:117 Resp: 628880

Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.4	74.0
119	31.6	26.5	39.7

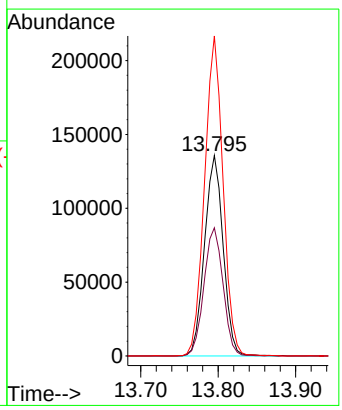


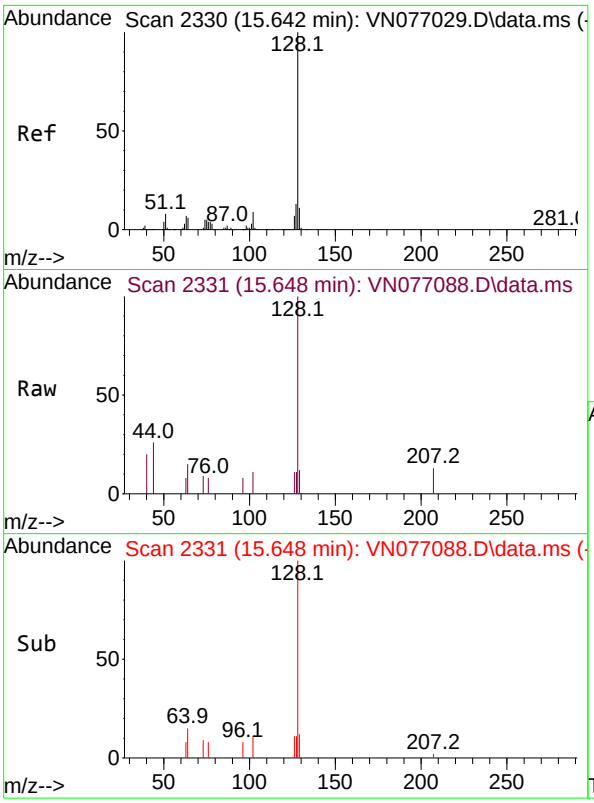


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Tgt Ion:152 Resp: 226534

Ion	Ratio	Lower	Upper
152	100		
115	65.4	31.9	95.7
150	158.1	0.0	348.0





#95
Naphthalene
Concen: 2.141 ug/l
RT: 15.648 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN077088.D
Acq: 21 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :
IRV-2

Tgt Ion:128 Resp: 3579

Ion	Ratio	Lower	Upper
128	100		
127	7.8	10.0	15.0#
129	6.1	8.6	13.0#