Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080532.D
Acq On : 19 Dec 2023 19:54
Operator : JC\MD
Sample : 05887-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Quant Time: Dec 20 04:07:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	241618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	472189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169307	54.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.720%			
35) Dibromofluoromethane	8.165	113	144715	49.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	10.565	98	519056	47.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.540%			
62) 4-Bromofluorobenzene	12.847	95	222067	53.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.640%			
Target Compounds						Qvalue
16) Acetone	4.424	43	35053	64.061	ug/l	92
18) Methyl Acetate	5.024	43	4831	1.372	ug/l	97
20) Methylene Chloride	5.271	84	15915	5.435	ug/l	97
43) Isopropyl Acetate	8.689	43	145252	27.083	ug/l #	88
95) Naphthalene	15.647	128	19225	1.547	ug/l	97

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

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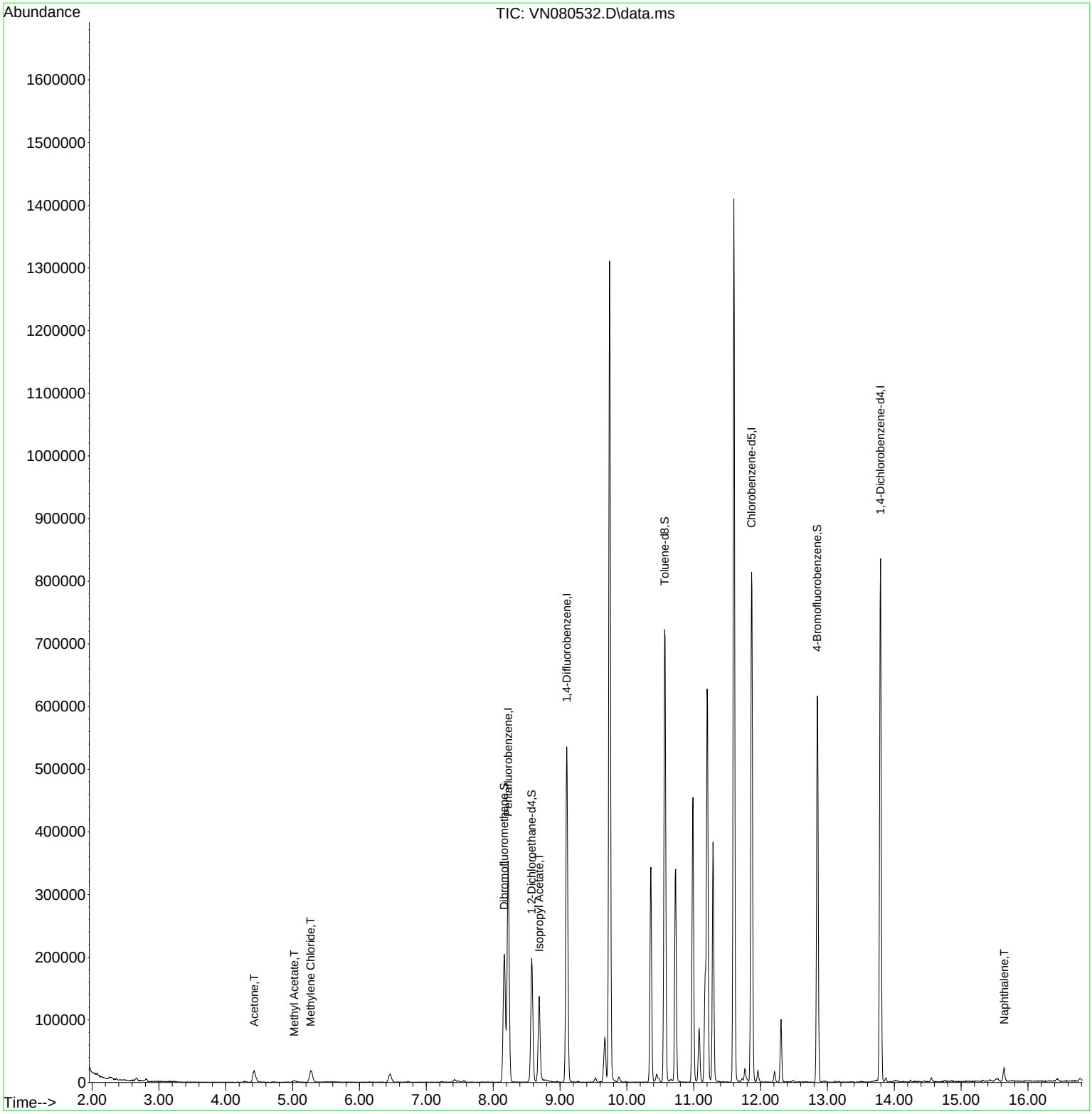
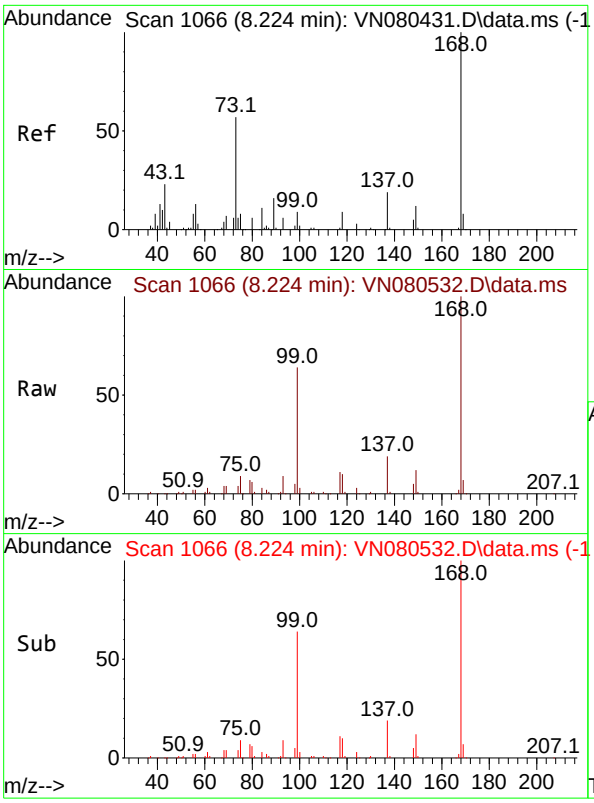


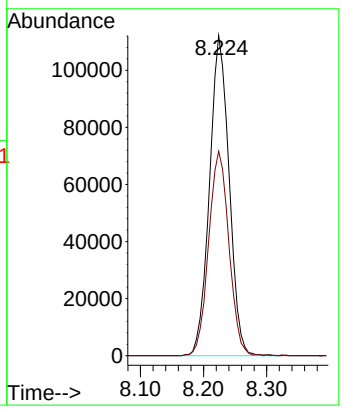


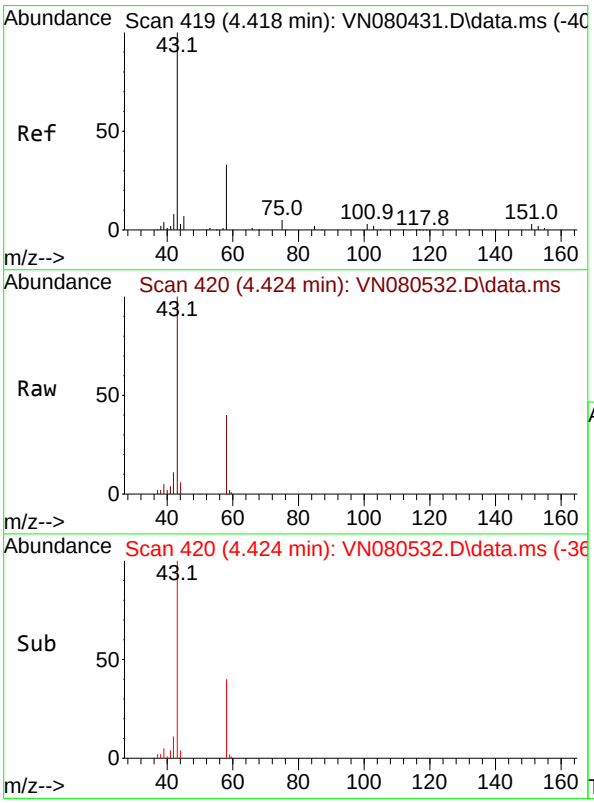
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion:168 Resp: 241618

Ion	Ratio	Lower	Upper
168	100		
99	63.9	53.0	79.6

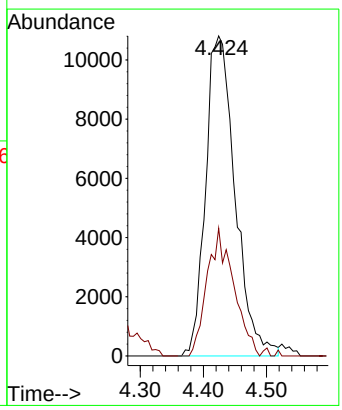


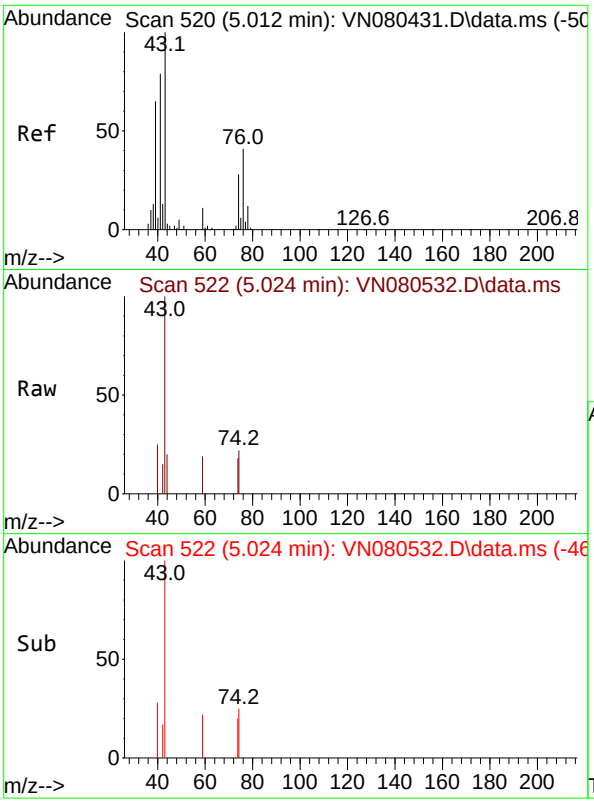


#16
Acetone
Concen: 64.061 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion: 43 Resp: 35053

Ion	Ratio	Lower	Upper
43	100		
58	39.9	28.0	42.0



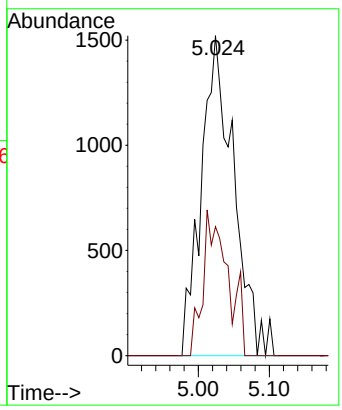


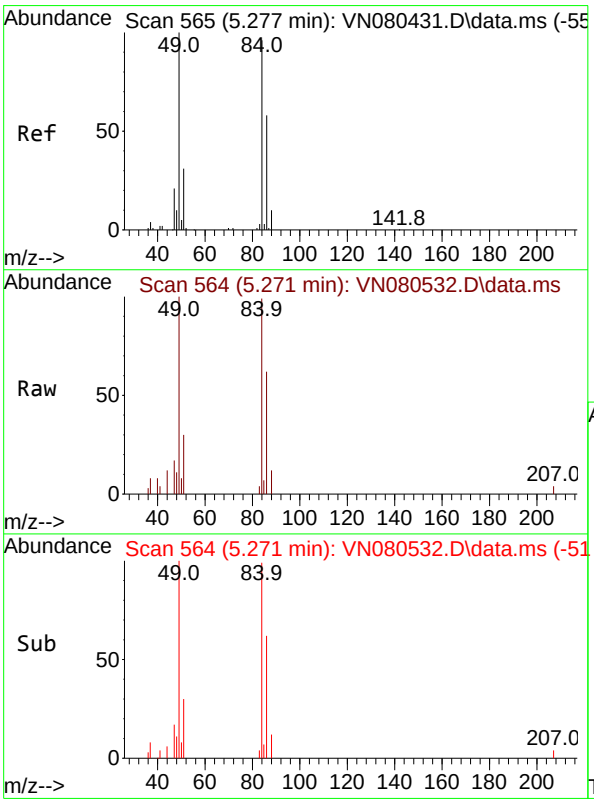
#18
Methyl Acetate
Concen: 1.372 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion: 43 Resp: 4831

Ion	Ratio	Lower	Upper
43	100		
74	34.7	26.2	39.4

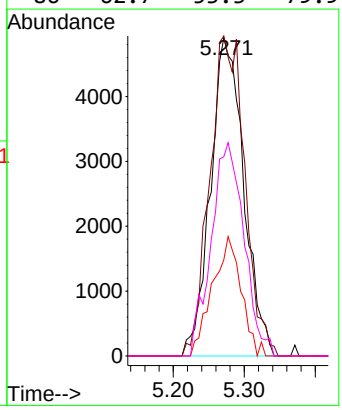


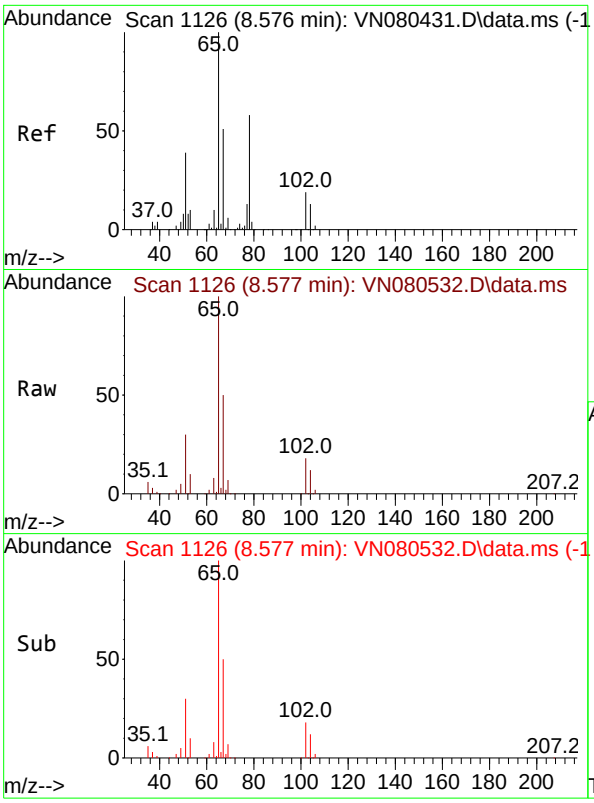


#20
Methylene Chloride
Concen: 5.435 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.005 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion: 84 Resp: 15915

Ion	Ratio	Lower	Upper
84	100		
49	100.7	79.7	119.5
51	30.2	25.2	37.8
86	62.7	53.3	79.9



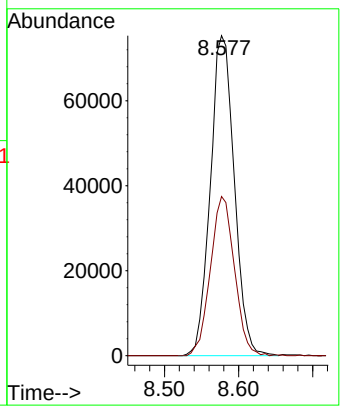


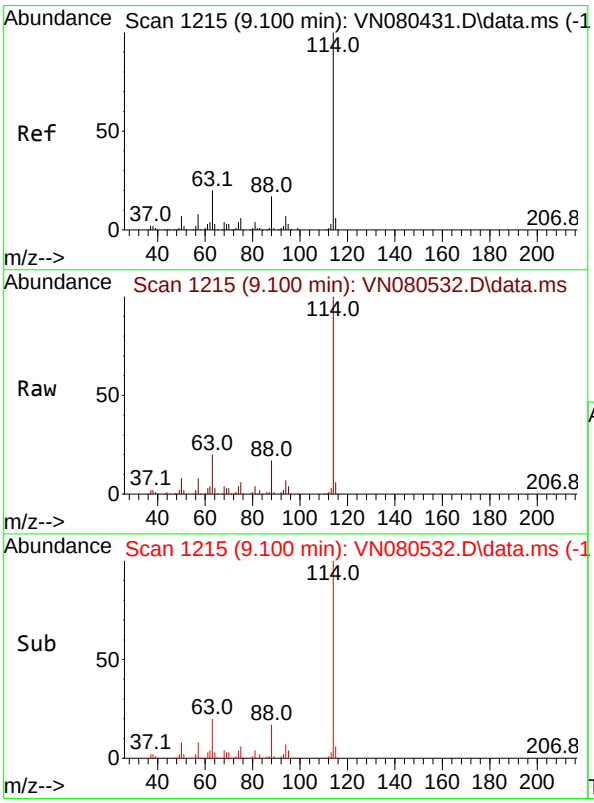
#33
1,2-Dichloroethane-d4
Concen: 54.863 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion: 65 Resp: 169307

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	106.6

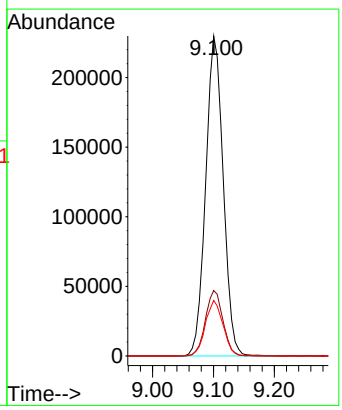


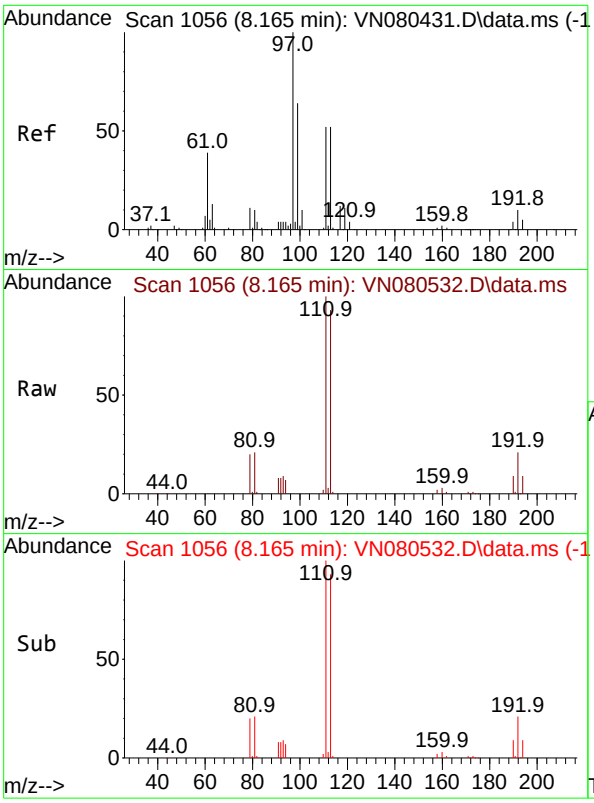


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion:114 Resp: 459482

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	36.4
88	17.4	0.0	30.6



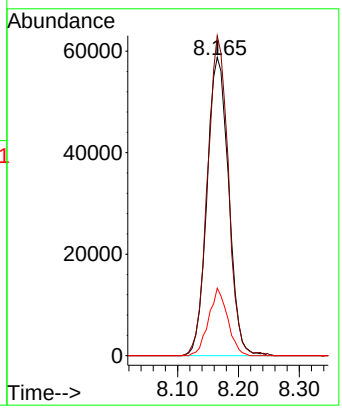


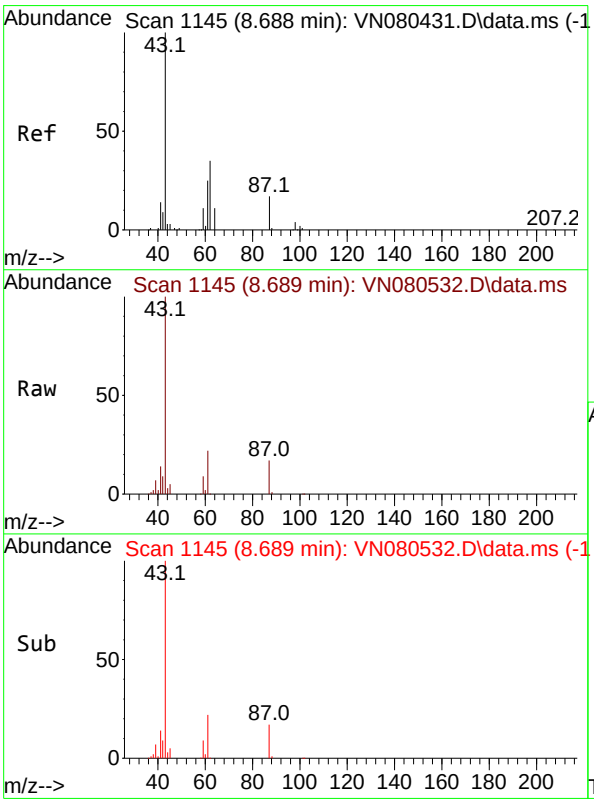
#35
Dibromofluoromethane
Concen: 49.674 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion:113 Resp: 144715

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	20.0	12.7	19.1#

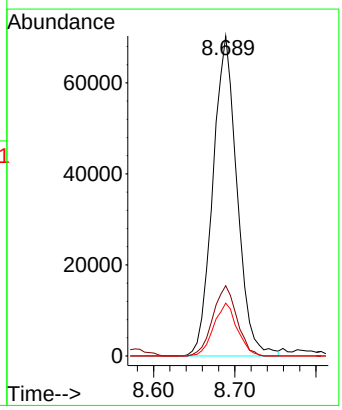


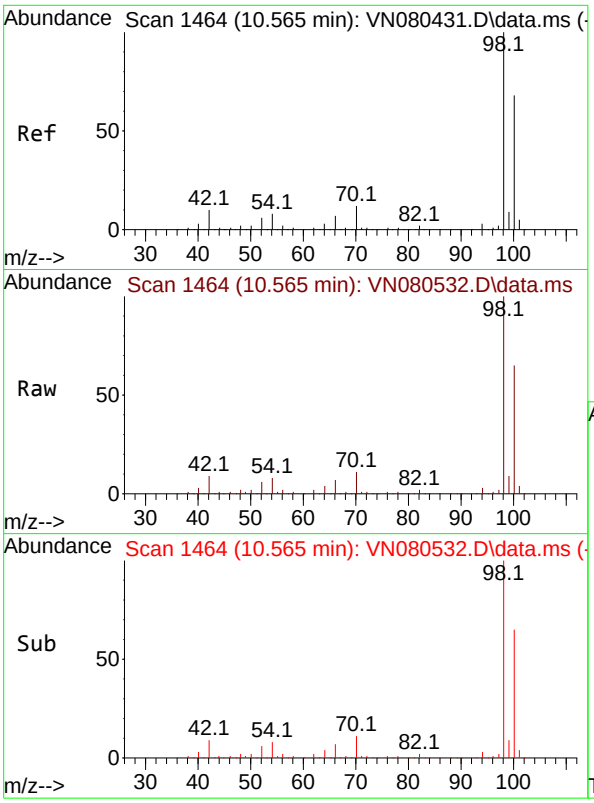


#43
Isopropyl Acetate
Concen: 27.083 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion: 43 Resp: 145252

Ion	Ratio	Lower	Upper
43	100		
61	21.8	24.7	37.1#
87	16.0	14.6	21.8



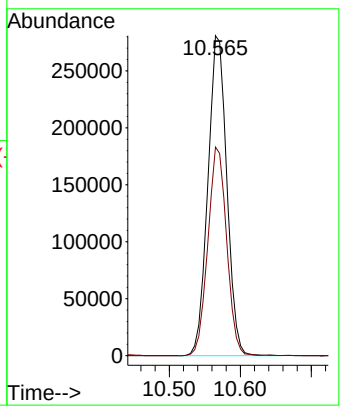


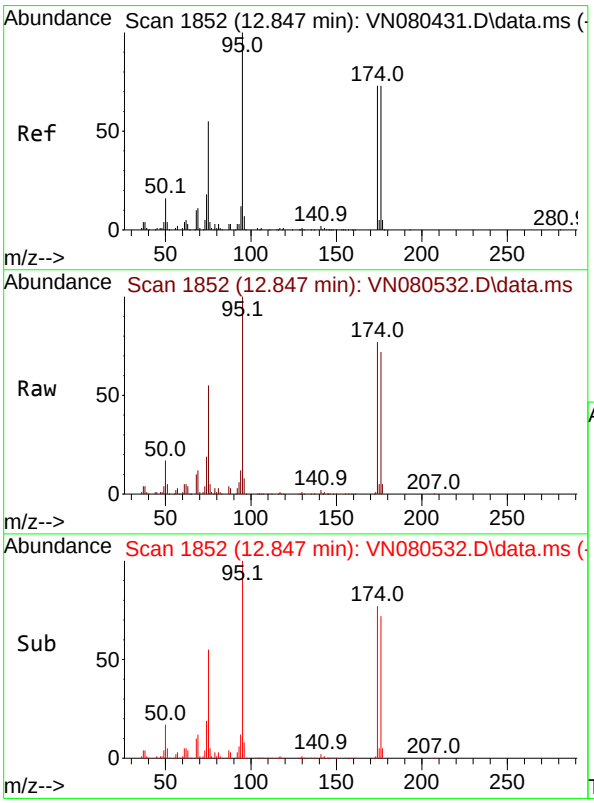
#50
Toluene-d8
Concen: 47.773 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion: 98 Resp: 519056

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

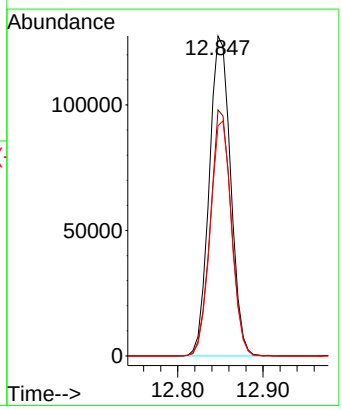


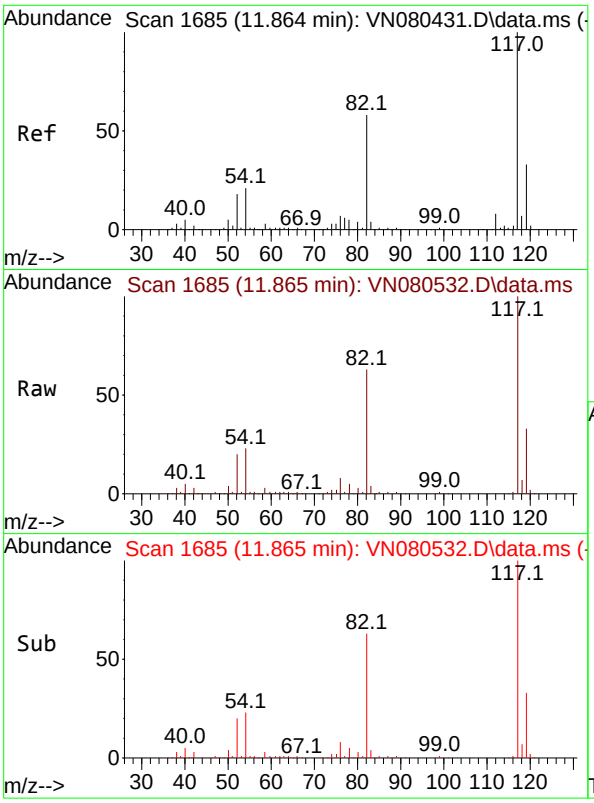


#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion: 95 Resp: 222067

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	143.8
176	72.9	0.0	135.8



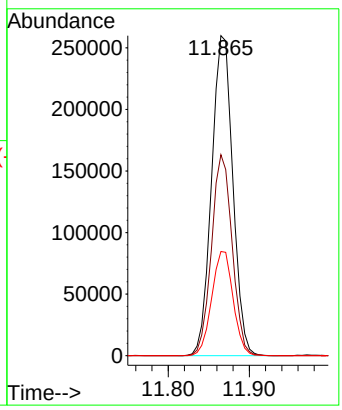


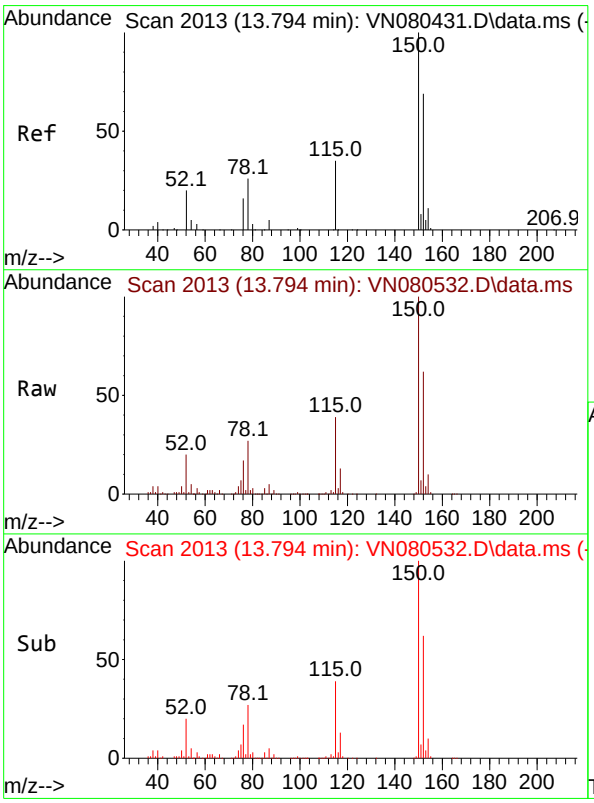
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion:117 Resp: 472189

Ion	Ratio	Lower	Upper
117	100		
82	62.8	44.0	66.0
119	32.6	25.6	38.4

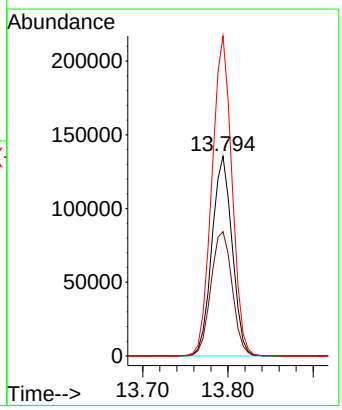


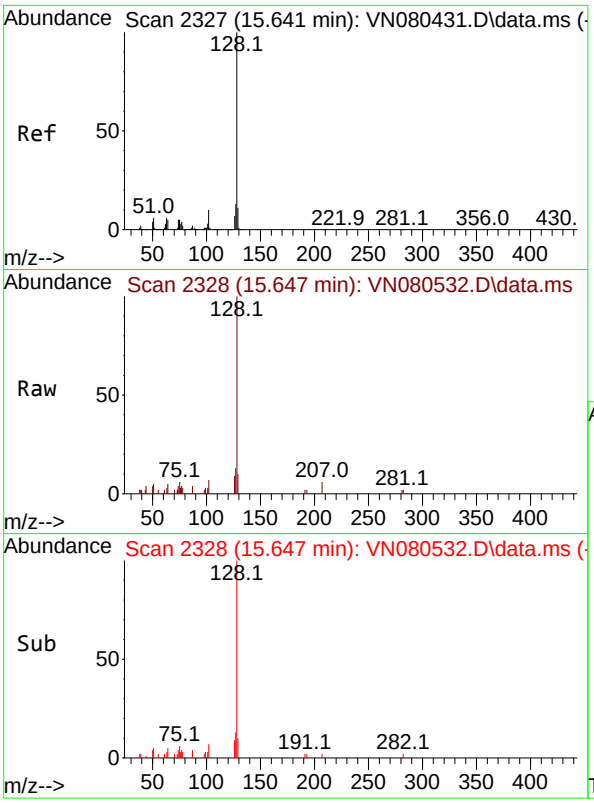


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Tgt Ion:152 Resp: 222998

Ion	Ratio	Lower	Upper
152	100		
115	65.6	32.3	96.8
150	159.0	0.0	355.8





#95
Naphthalene
Concen: 1.547 ug/l
RT: 15.647 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN080532.D
Acq: 19 Dec 2023 19:54

Instrument :
MSVOA_N
ClientSampleId :
WC-121423

Tgt Ion:128 Resp: 19225

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.0	15.0
129	11.4	8.7	13.1