Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
Data File : VN086315.D
Acq On : 17 Apr 2025 12:19
Operator : JC\MD
Sample : VN0417WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 18 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	197197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	350121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139504	48.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.580%			
35) Dibromofluoromethane	8.165	113	96188	55.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.280%			
50) Toluene-d8	10.565	98	474628	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.847	95	174065	51.192	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.380%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	1533	0.451	ug/l #	85
5) Bromomethane	2.971	94	911	0.625	ug/l #	62
10) Methyl Iodide	4.589	142	645	0.270	ug/l #	42
13) Acrolein	4.189	56	137	Below Cal	#	1
16) Acetone	4.436	43	708	Below Cal	#	43
17) Carbon Disulfide	4.712	76	2249	0.324	ug/l #	74
31) Cyclohexane	8.218	56	4999	1.079	ug/l #	11
36) 1,1-Dichloropropene	8.218	75	17407	4.996	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20790	6.266	ug/l #	16
43) Isopropyl Acetate	8.689	43	3829	Below Cal	#	55
59) 2-Hexanone	11.194	43	685	0.246	ug/l #	37
76) 1,2,3-Trichloropropane	12.847	75	89578	24.668	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89578	59.242	ug/l #	10
94) Hexachlorobutadiene	15.494	225	494	0.538	ug/l #	42
95) Naphthalene	15.641	128	2484	0.288	ug/l #	72

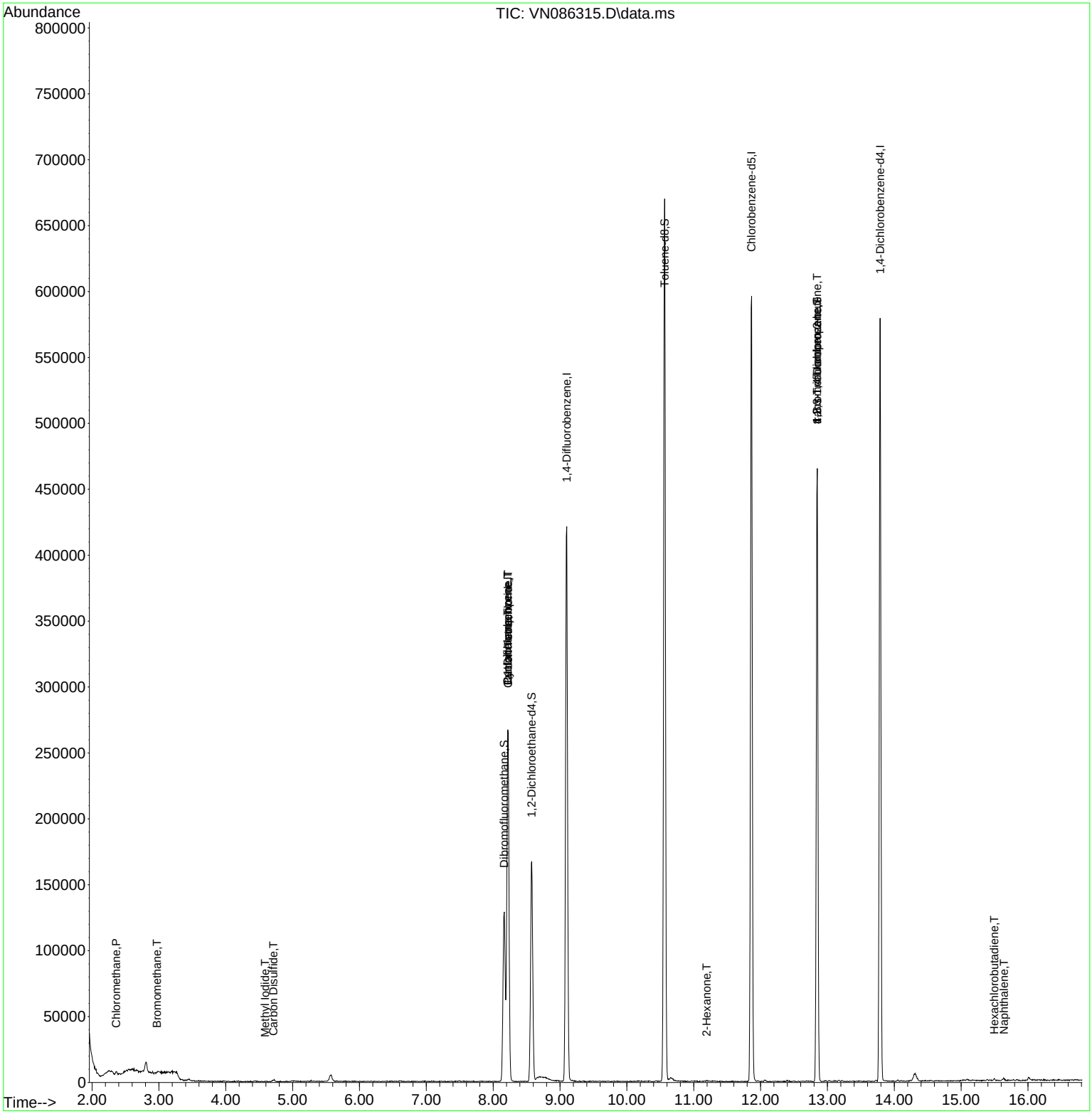
(#) = qualifier out of range (m) = manual integration (+) = signals summed

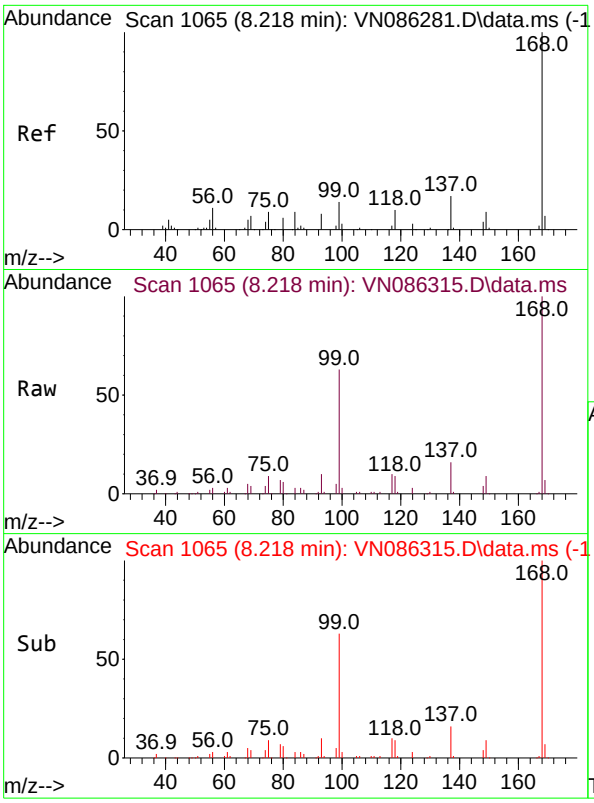
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
Data File : VN086315.D
Acq On : 17 Apr 2025 12:19
Operator : JC\MD
Sample : VN0417WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 18 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



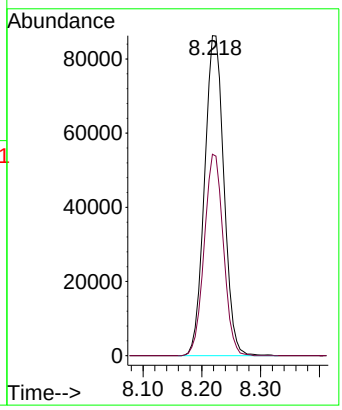


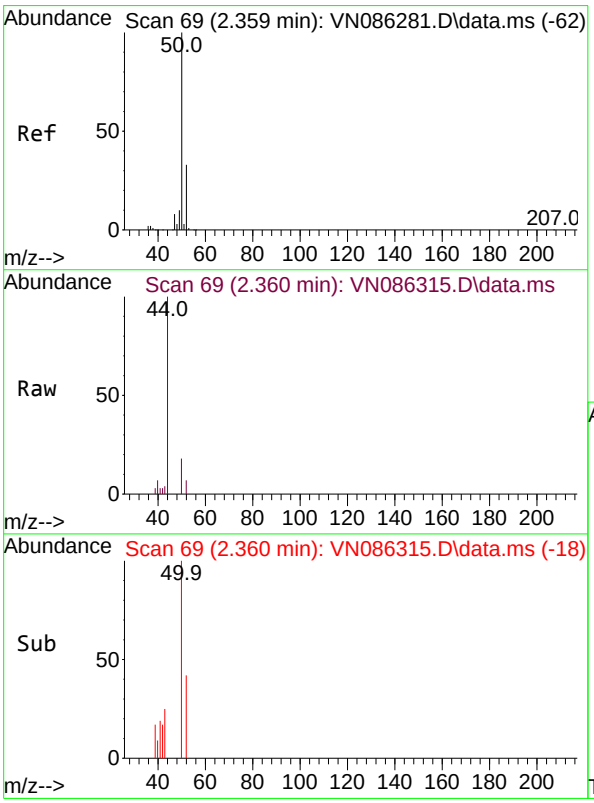
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 197197

Ion	Ratio	Lower	Upper
168	100		
99	63.0	52.5	78.7

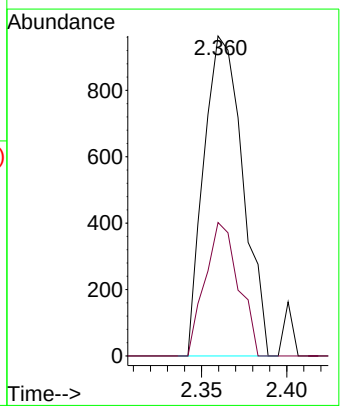


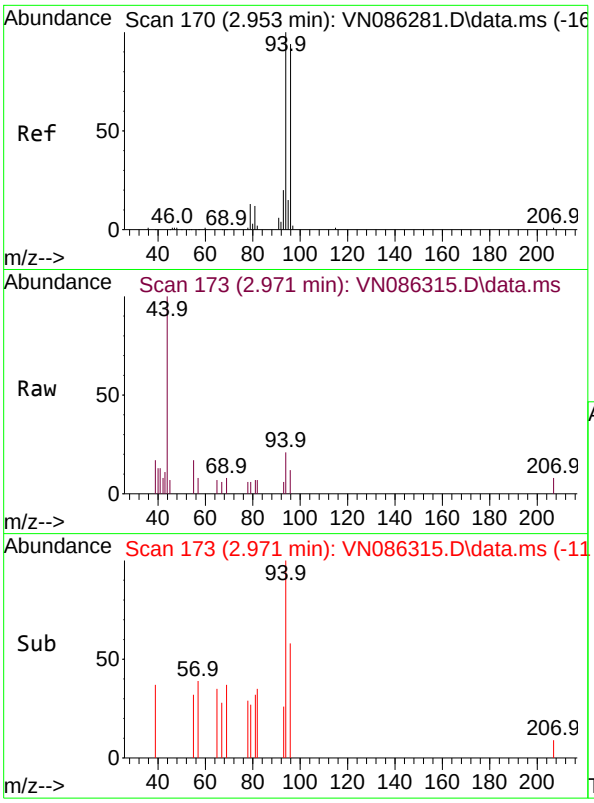


#3
Chloromethane
Concen: 0.451 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 50 Resp: 1533

Ion	Ratio	Lower	Upper
50	100		
52	41.7	26.5	39.7#



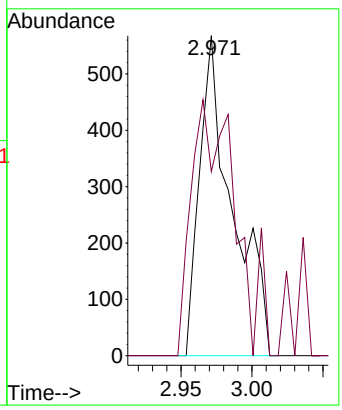


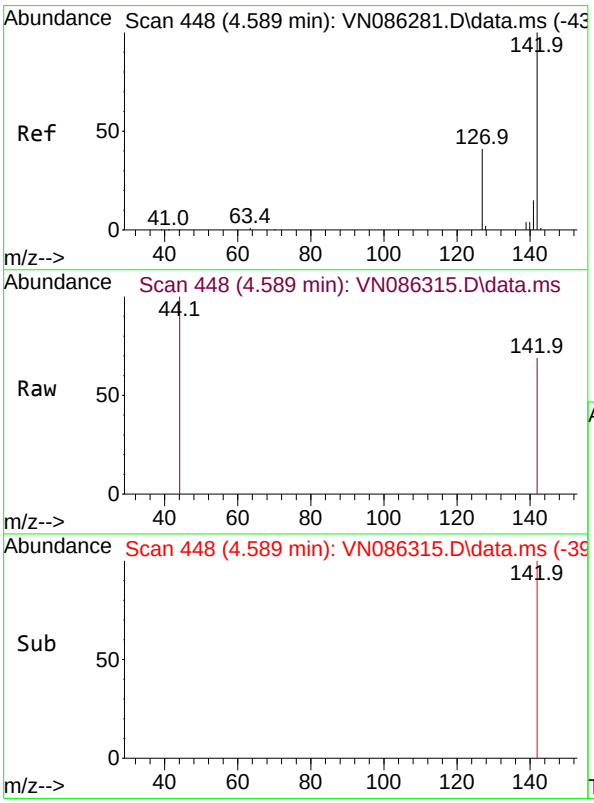
#5
Bromomethane
Concen: 0.625 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 911

Ion	Ratio	Lower	Upper
94	100		
96	57.6	75.2	112.8#

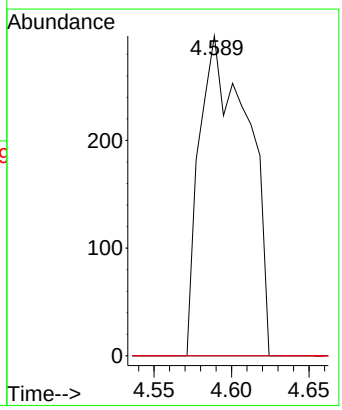


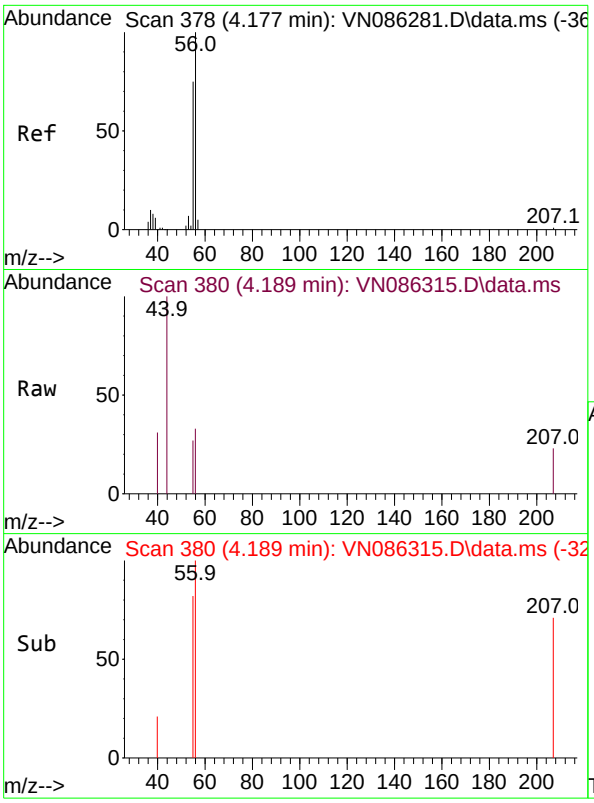


#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion:142 Resp: 645

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.7	17.5#



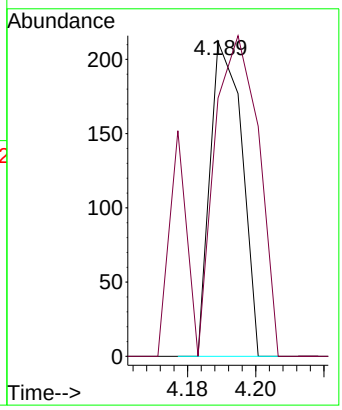


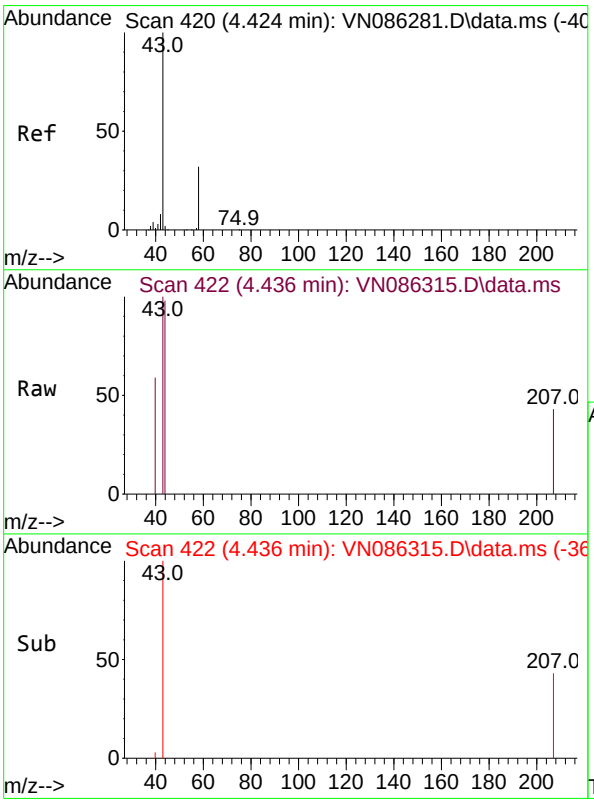
#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 137

Ion	Ratio	Lower	Upper
56	100		
55	179.6	58.5	87.7#

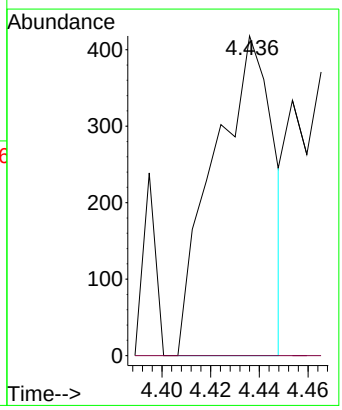


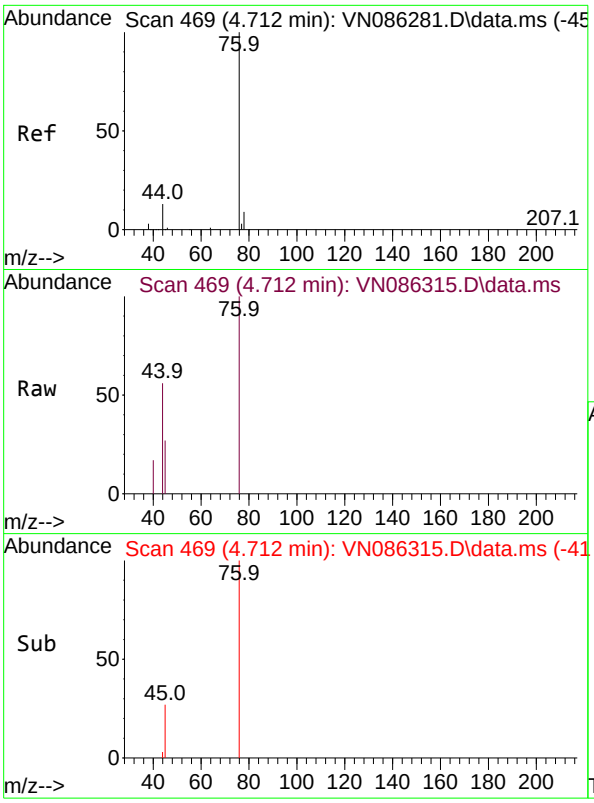


#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 43 Resp: 708

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.3	37.9#



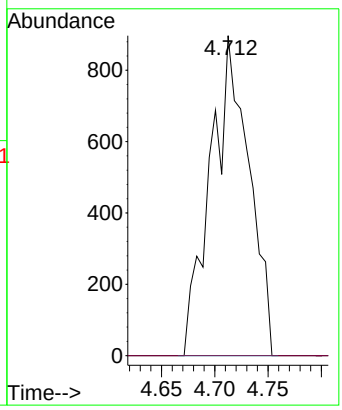


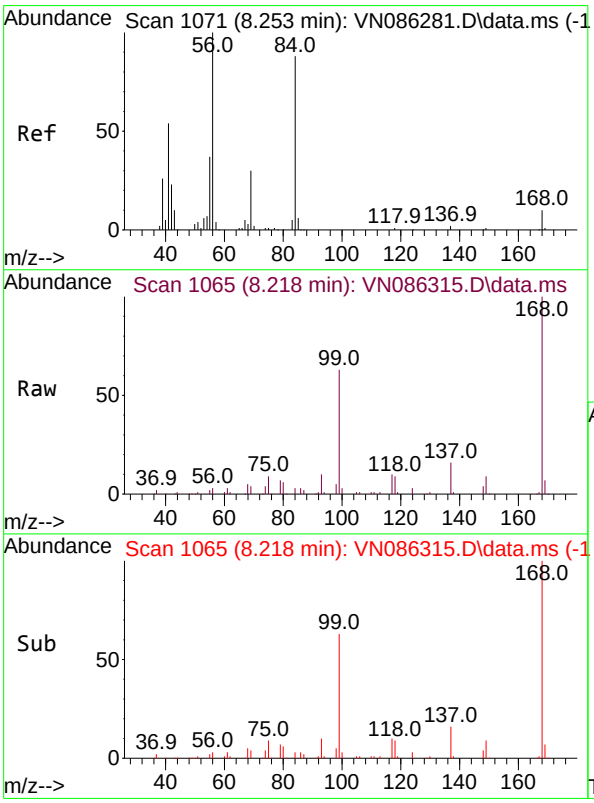
#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 2249

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

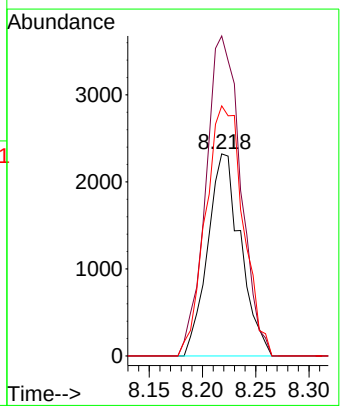


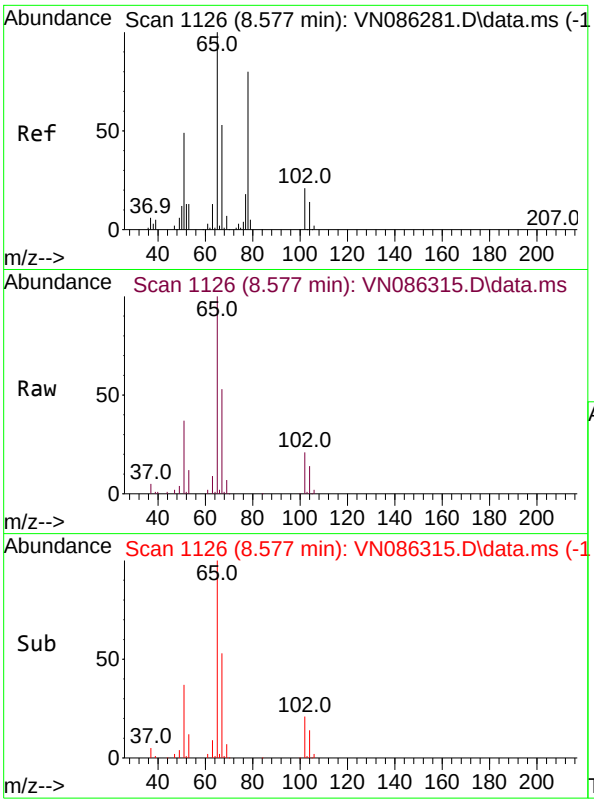


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 56 Resp: 4999

Ion	Ratio	Lower	Upper
56	100		
69	158.3	24.2	36.2#
84	123.7	70.3	105.5#



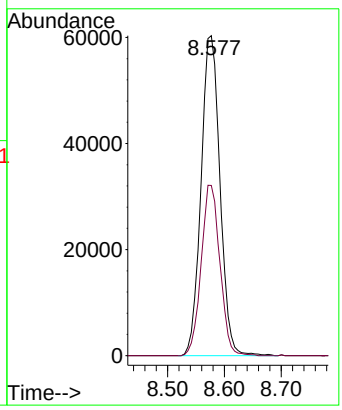


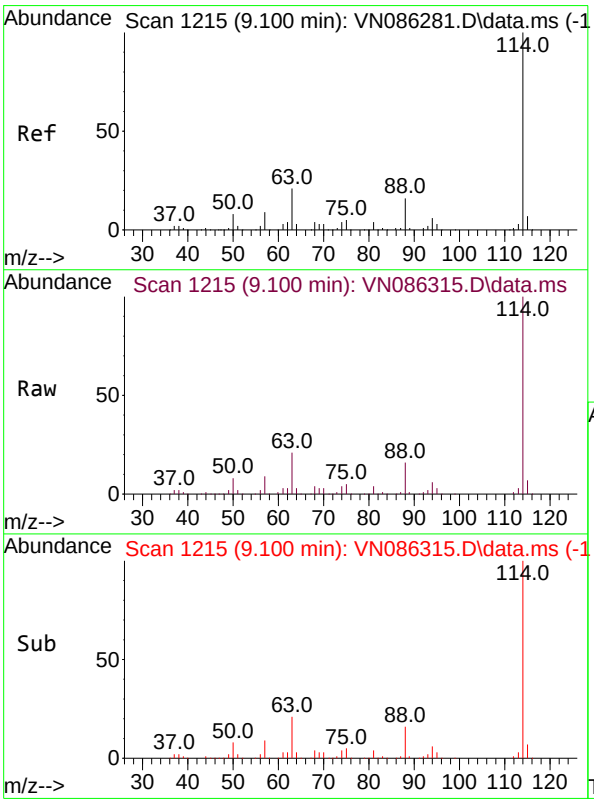
#33
1,2-Dichloroethane-d4
Concen: 48.786 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 139504

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.0

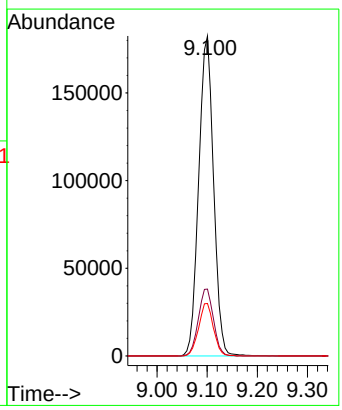


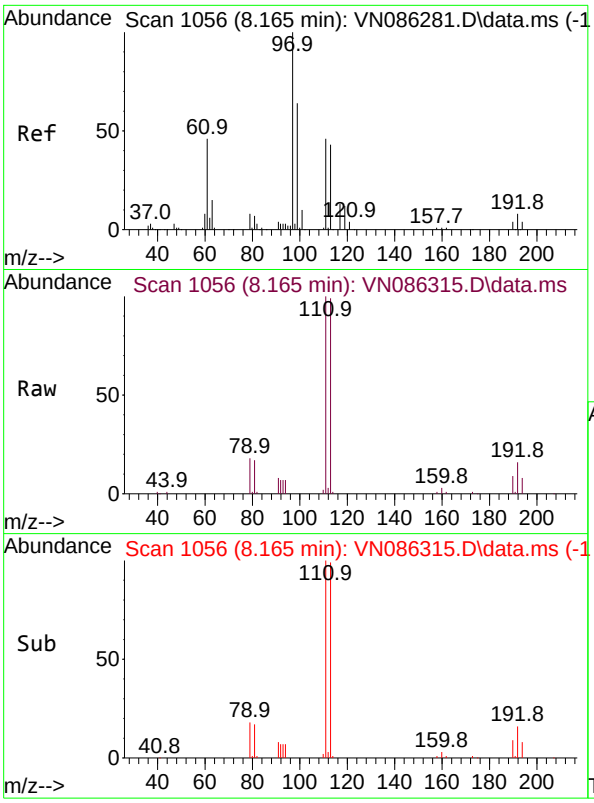


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion:114 Resp: 375835

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.4	0.0	31.8



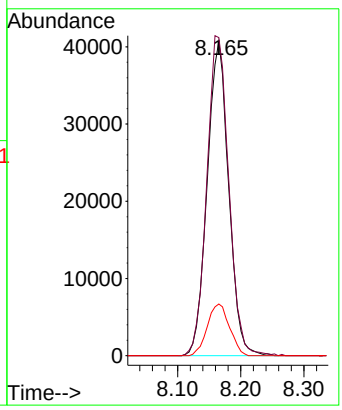


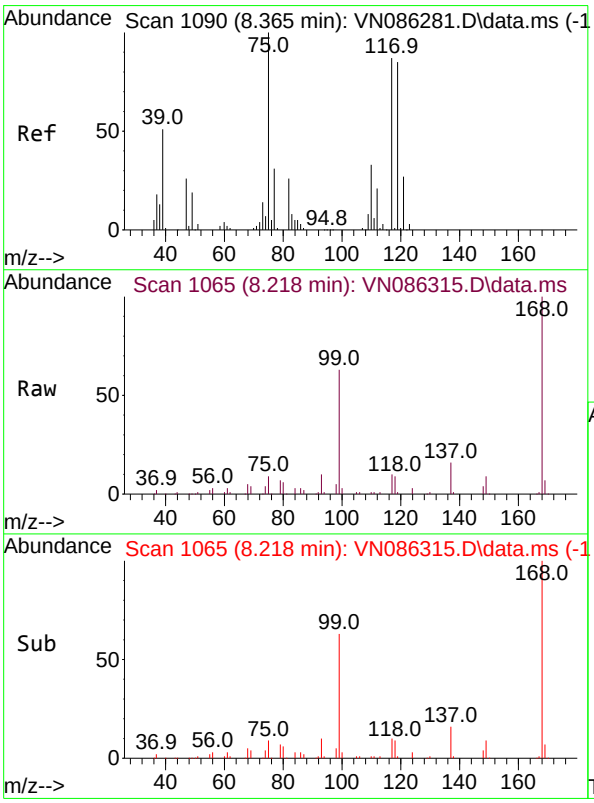
#35
Dibromofluoromethane
Concen: 55.144 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 96188

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	17.0	13.7	20.5

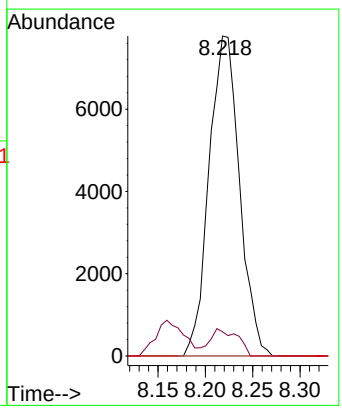


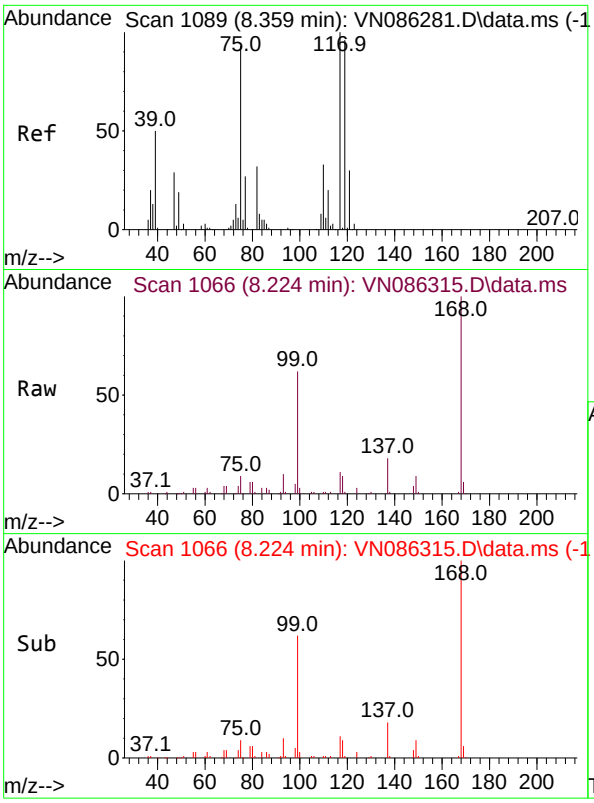


#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 75 Resp: 17407

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.8	50.4#
77	0.0	24.9	37.3#



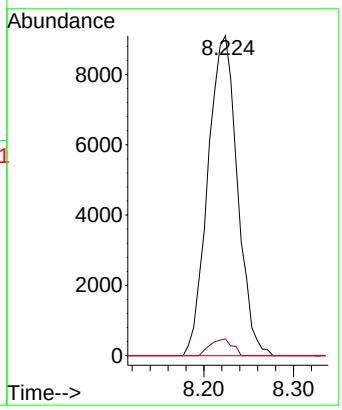


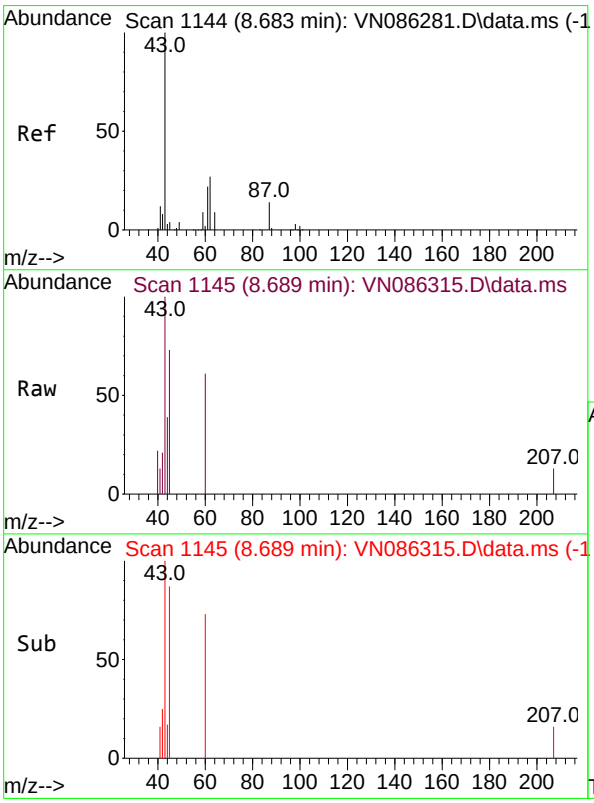
#38
Carbon Tetrachloride
Concen: 6.266 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 20790

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	23.8	35.8#

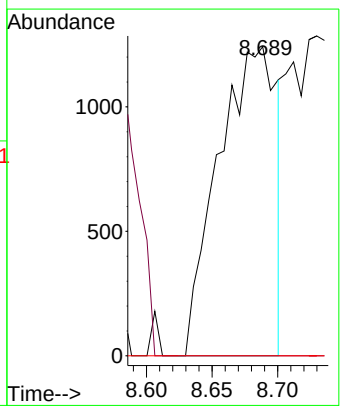


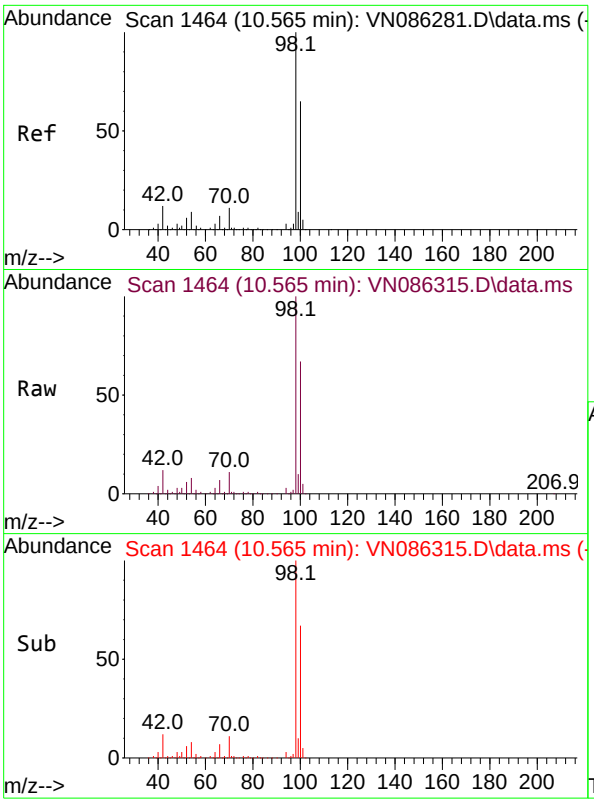


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 43 Resp: 3829

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.5	30.7#
87	0.0	10.5	15.7#



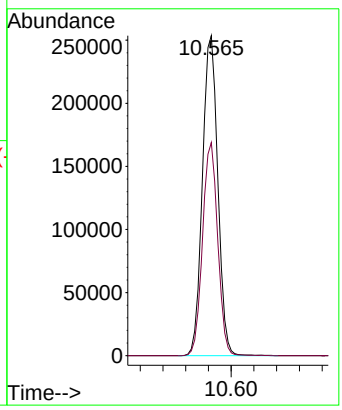


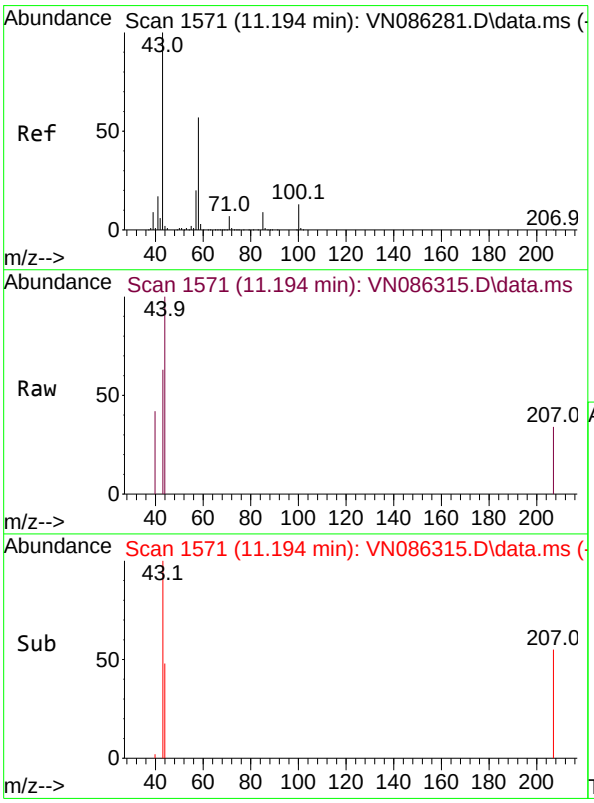
#50
Toluene-d8
Concen: 50.913 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 474628

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

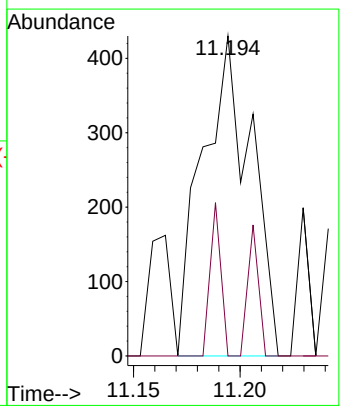


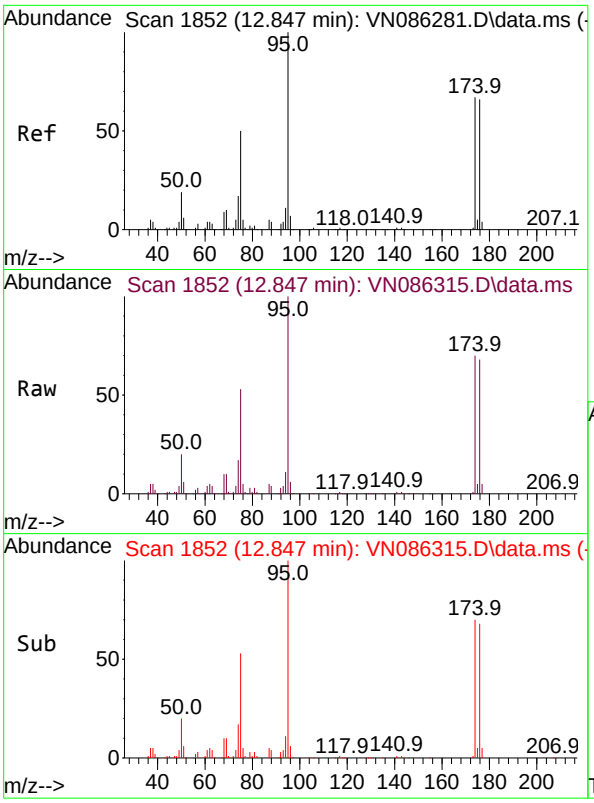


#59
2-Hexanone
Concen: 0.246 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 43 Resp: 685

Ion	Ratio	Lower	Upper
43	100		
58	10.7	28.3	85.0#



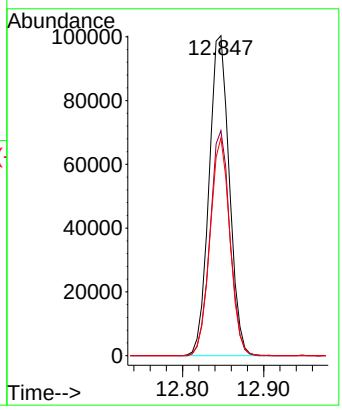


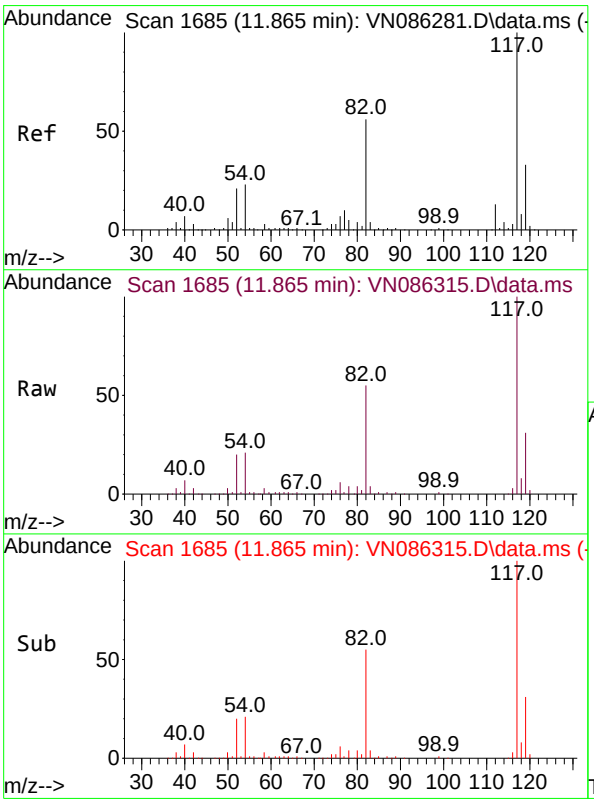
#62
4-Bromofluorobenzene
Concen: 51.192 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 174065

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	133.4
176	66.4	0.0	129.2

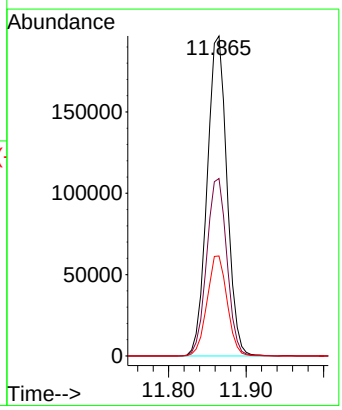


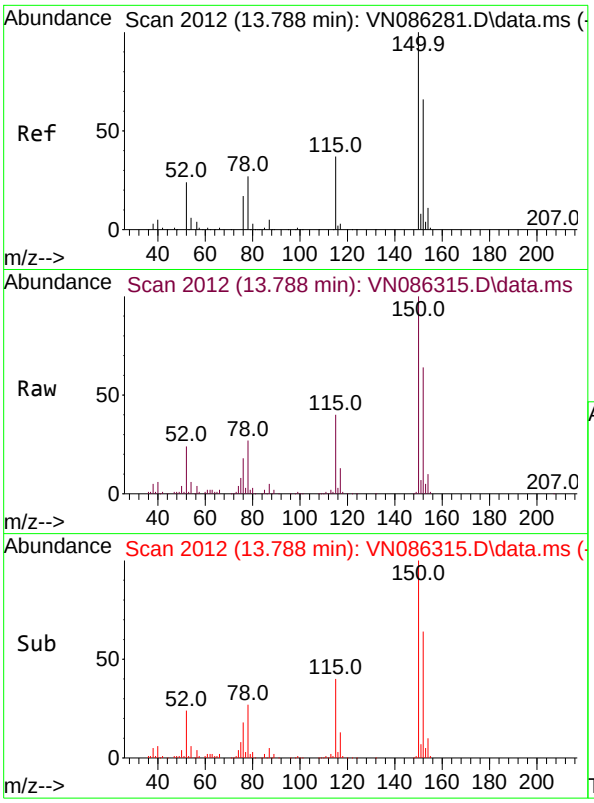


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion:117 Resp: 350121

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.7	67.1
119	31.3	26.4	39.6



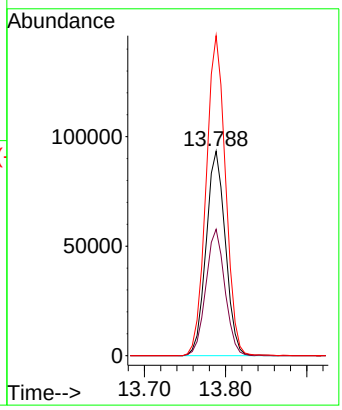


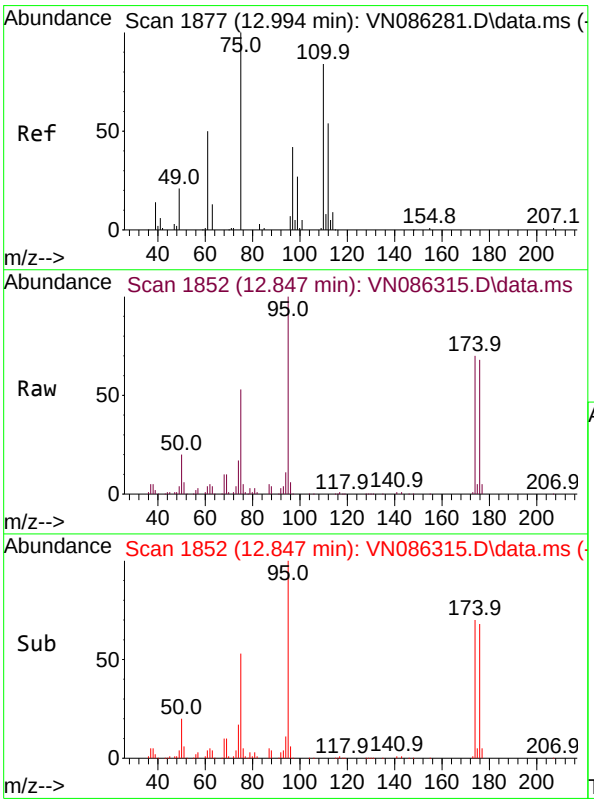
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 153883

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.9	95.9
150	157.4	0.0	352.0

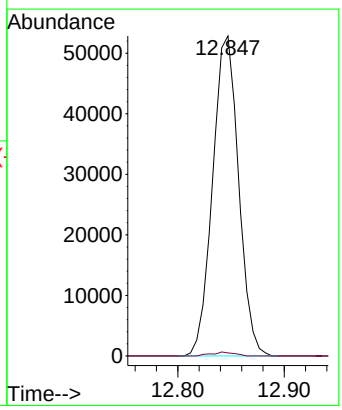


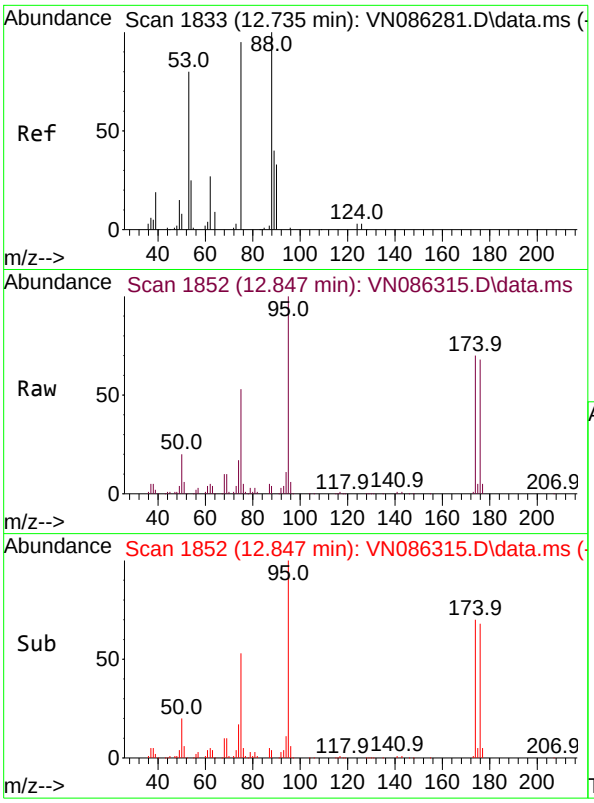


#76
1,2,3-Trichloropropane
Concen: 24.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion: 75 Resp: 89578

Ion	Ratio	Lower	Upper
75	100		
77	1.1	98.8	296.4#



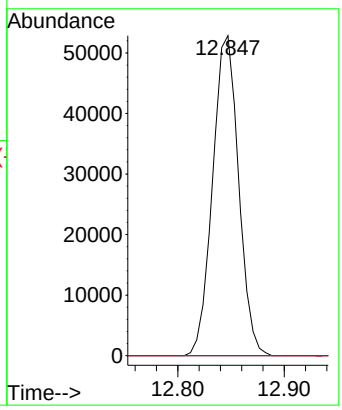


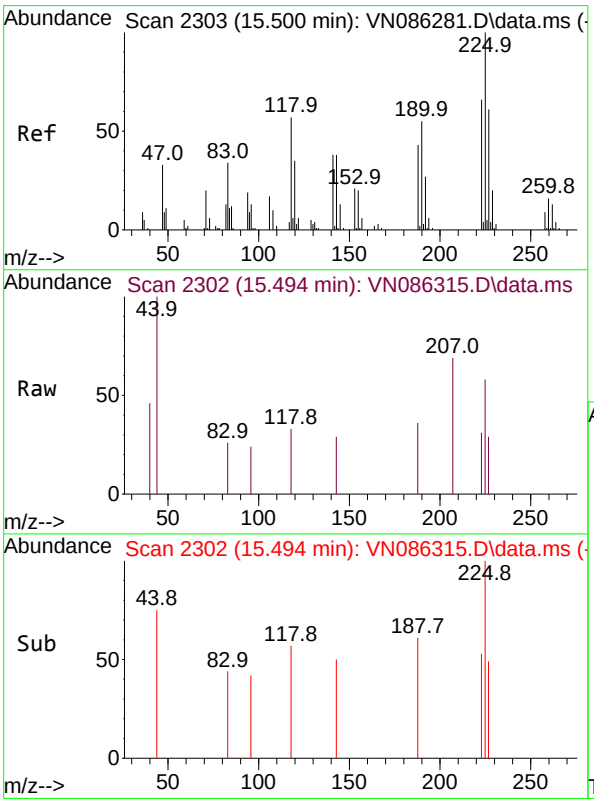
#81
trans-1,4-Dichloro-2-butene
Concen: 59.242 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 89578

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.2	118.8#
89	0.0	35.7	53.5#

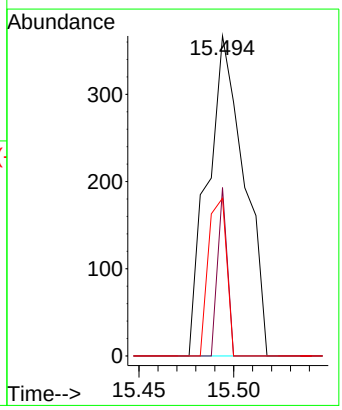


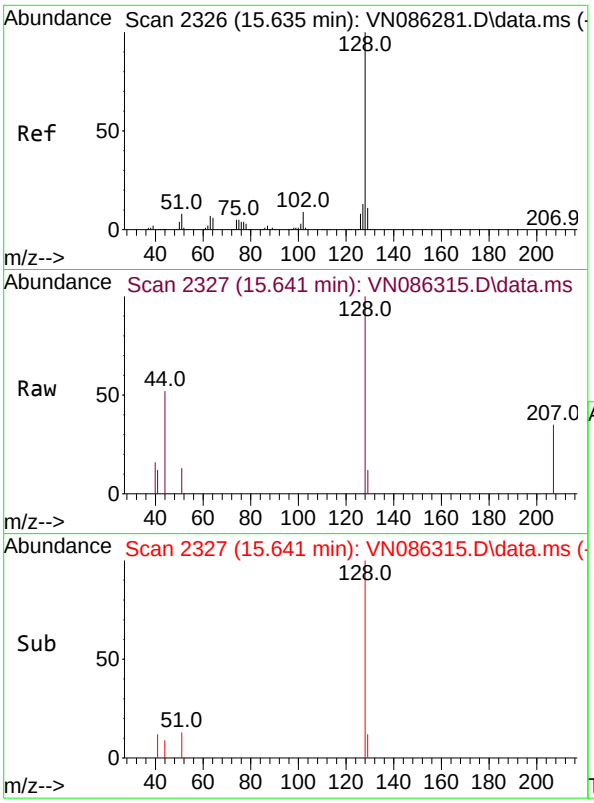


#94
Hexachlorobutadiene
Concen: 0.538 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Tgt Ion:225 Resp: 494

Ion	Ratio	Lower	Upper
225	100		
223	13.8	32.8	98.3#
227	24.5	31.4	94.0#





#95
Naphthalene
Concen: 0.288 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086315.D
Acq: 17 Apr 2025 12:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2484

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	2.3	8.6	13.0#