Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
Data File : VN087548.D
Acq On : 13 Aug 2025 20:02
Operator : JC\MD
Sample : Q2838-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 14 04:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	210108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.082	114	434746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	407444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	183460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	236754	66.409	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.820%#			
35) Dibromofluoromethane	8.153	113	156353	52.137	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	10.547	98	549864	51.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.829	95	205059	51.885	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.780%			
Target Compounds						Qvalue
10) Methyl Iodide	4.600	142	56	5.654	ug/l #	40
11) Tert butyl alcohol	5.542	59	1138	1.681	ug/l	99
13) Acrolein	4.177	56	492	0.906	ug/l	93
16) Acetone	4.424	43	74565	44.608	ug/l	95
18) Methyl Acetate	5.030	43	48119	11.458	ug/l	100
20) Methylene Chloride	5.265	84	23442	7.755	ug/l	88
25) 2-Butanone	7.483	43	13522	5.236	ug/l #	74
29) Tetrahydrofuran	7.835	42	2800	1.669	ug/l #	58
31) Cyclohexane	8.212	56	6794	1.550	ug/l #	31
36) 1,1-Dichloropropene	8.206	75	21350	5.389	ug/l #	45
37) Ethyl Acetate	7.553	43	33260	5.813	ug/l	99
38) Carbon Tetrachloride	8.212	117	25715	5.892	ug/l #	14
43) Isopropyl Acetate	8.677	43	21462	2.416	ug/l #	87
45) 1,2-Dichloropropane	9.729	63	2720	0.836	ug/l #	41
48) Methyl methacrylate	9.724	41	190399	47.613	ug/l #	46
49) 1,4-Dioxane	9.712	88	69	1.127	ug/l #	11
51) 4-Methyl-2-Pentanone	10.429	43	9258	1.648	ug/l	95
54) cis-1,3-Dichloropropene	10.341	75	87880	17.132	ug/l #	70
56) Ethyl methacrylate	10.835	69	67	0.648	ug/l #	24
57) 1,3-Dichloropropane	11.194	76	5777	1.060	ug/l #	42
59) 2-Hexanone	11.188	43	110997	29.779	ug/l #	46
76) 1,2,3-Trichloropropane	12.829	75	116374	28.288	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	116374	77.400	ug/l #	8
85) sec-Butylbenzene	13.594	105	3929	0.317	ug/l	80
90) Hexachloroethane	14.312	117	1751	0.833	ug/l #	17

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
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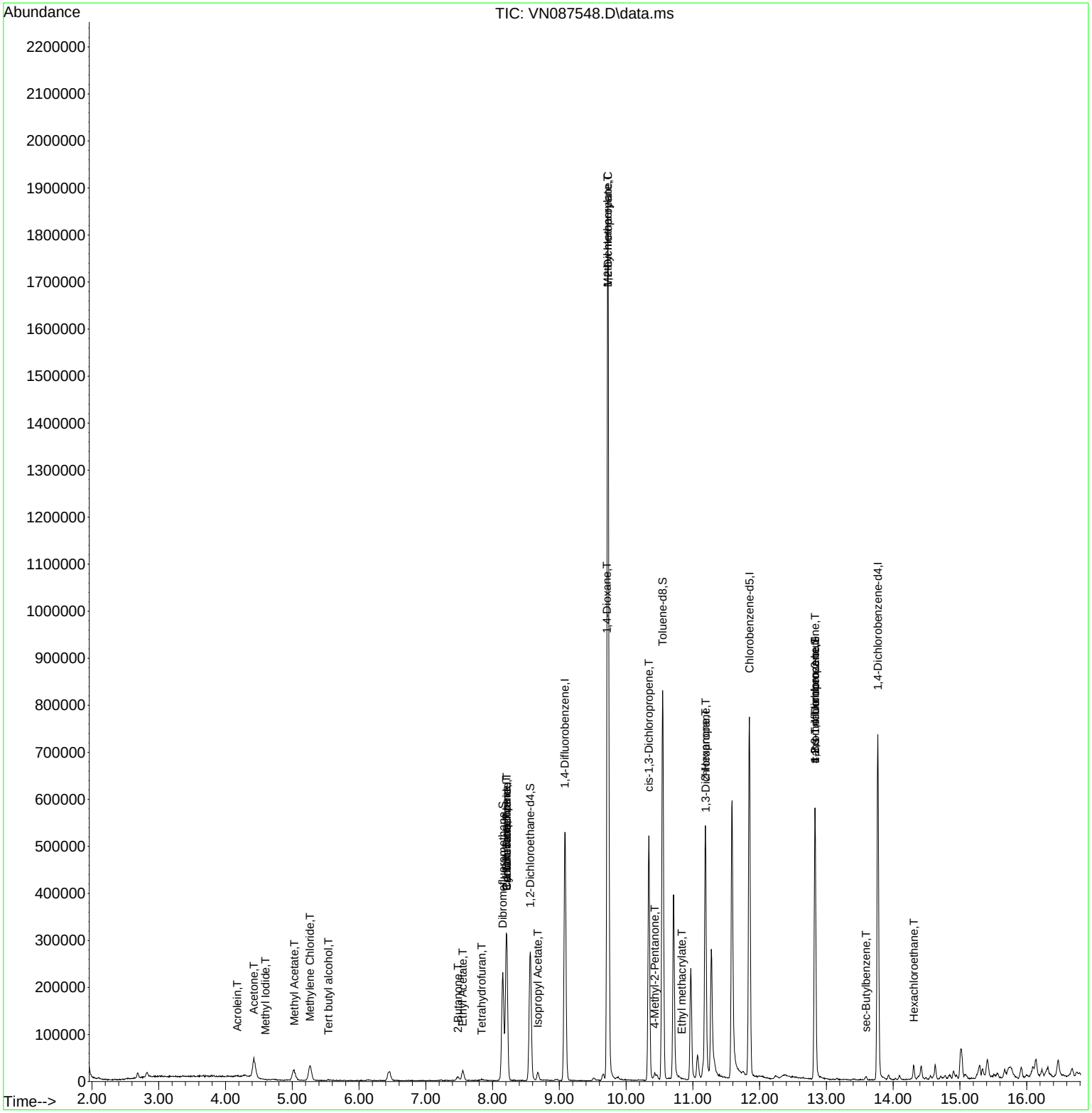
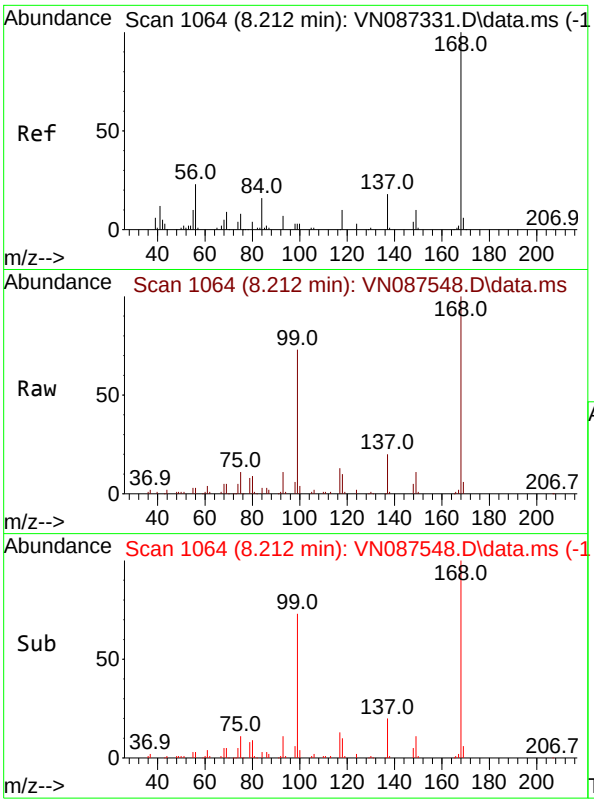
Acq On : 13 Aug 2025 20:02
Operator : JC\MD
Sample : Q2838-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 14 04:08:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration



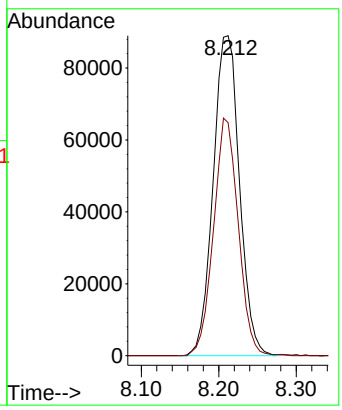


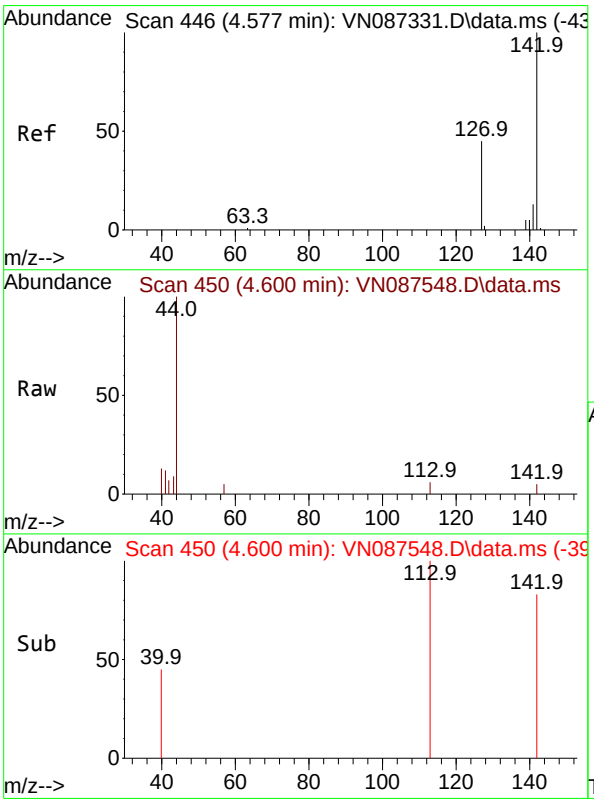
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 210108

Ion	Ratio	Lower	Upper
168	100		
99	72.8	47.9	71.9#

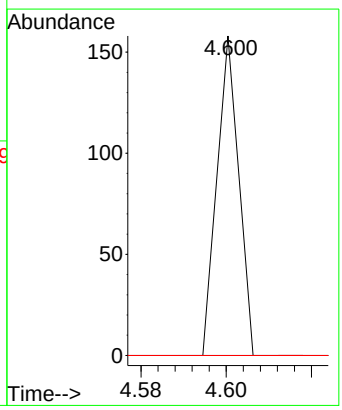


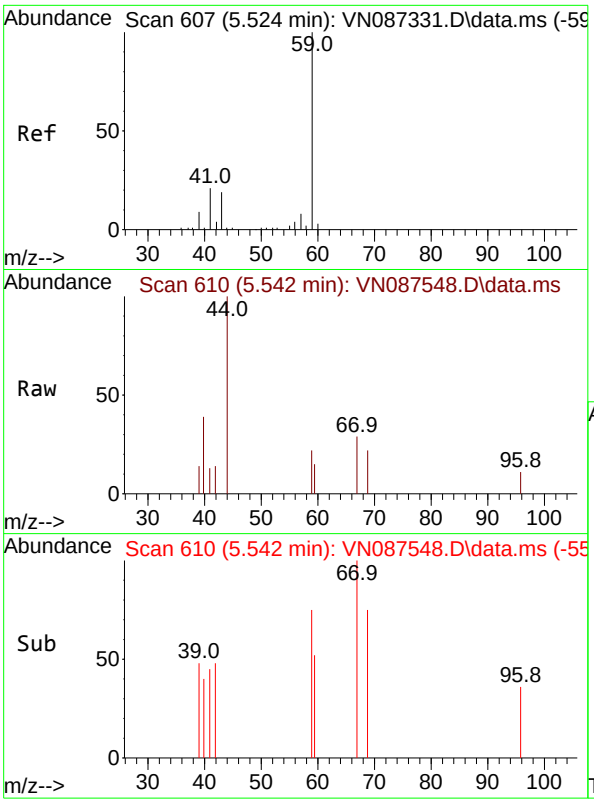


#10
Methyl Iodide
Concen: 5.654 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.023 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion:142 Resp: 56

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.7	53.5#
141	0.0	10.4	15.6#



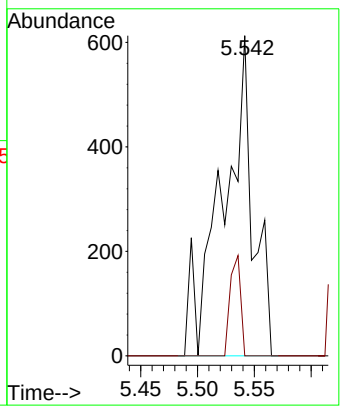


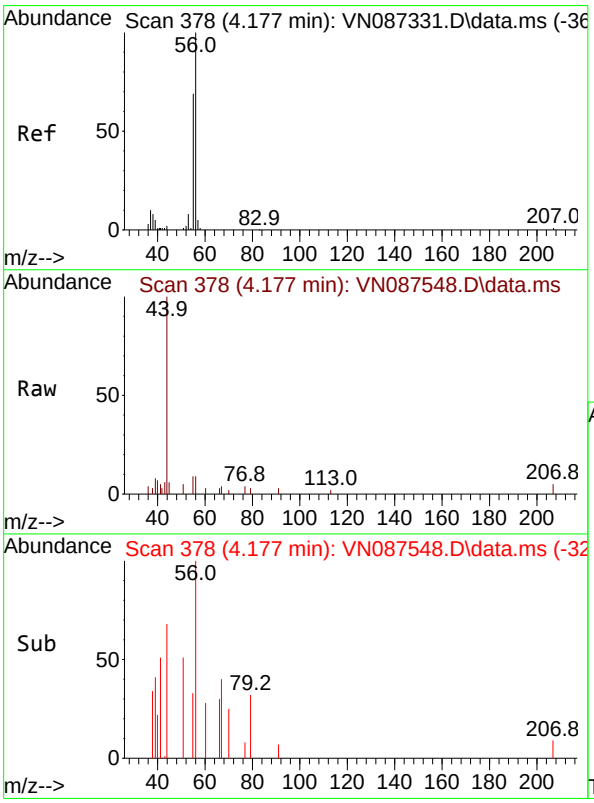
#11
Tert butyl alcohol
Concen: 1.681 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 1138

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

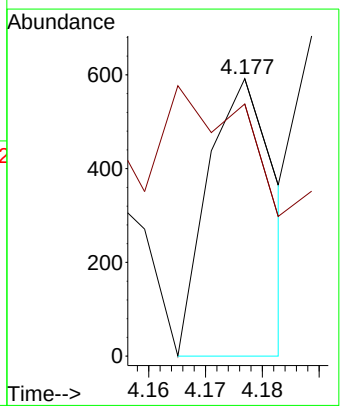


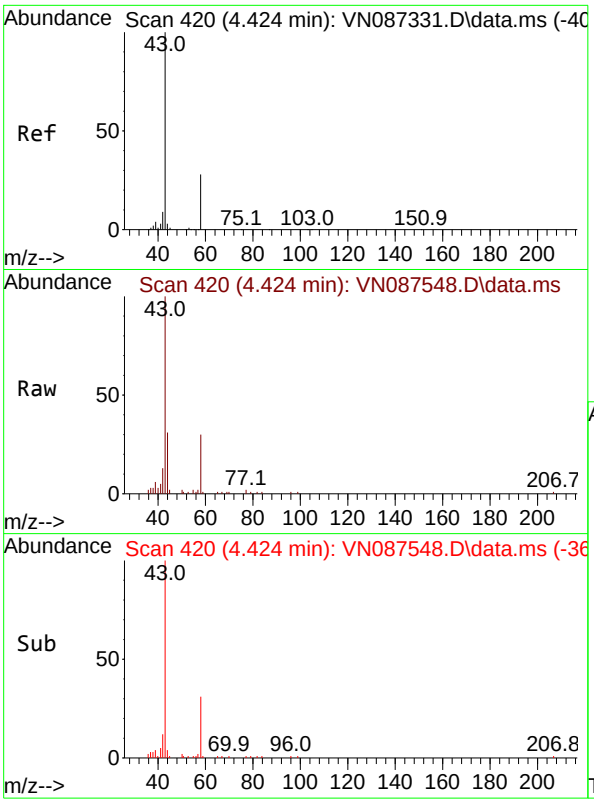


#13
Acrolein
Concen: 0.906 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 56 Resp: 492

Ion	Ratio	Lower	Upper
56	100		
55	64.2	56.2	84.4



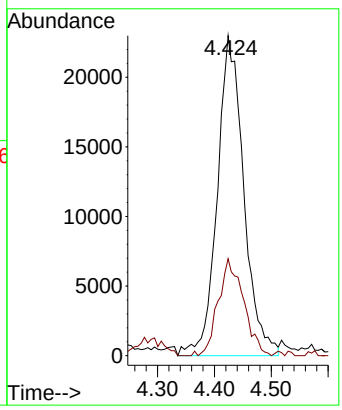


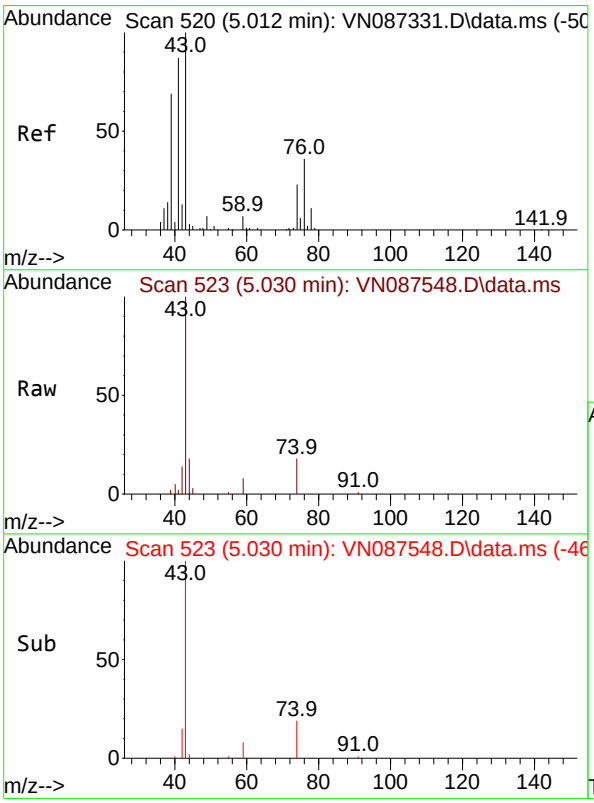
#16
Acetone
Concen: 44.608 ug/l
RT: 4.424 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 74565

Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.3	33.5

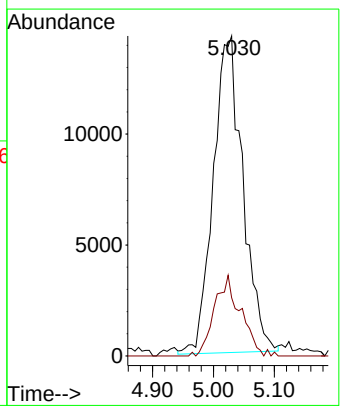


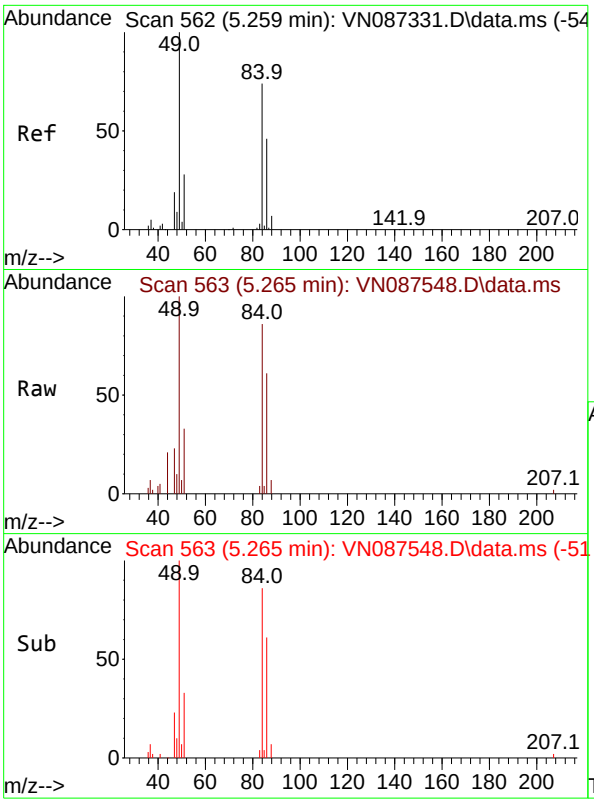


#18
Methyl Acetate
Concen: 11.458 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 43 Resp: 48119

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.8	26.6



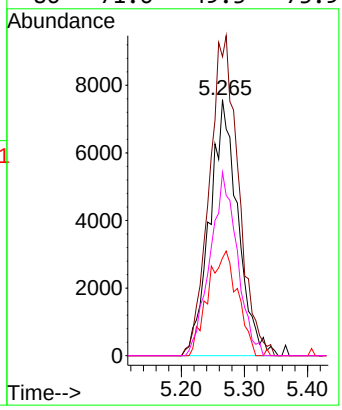


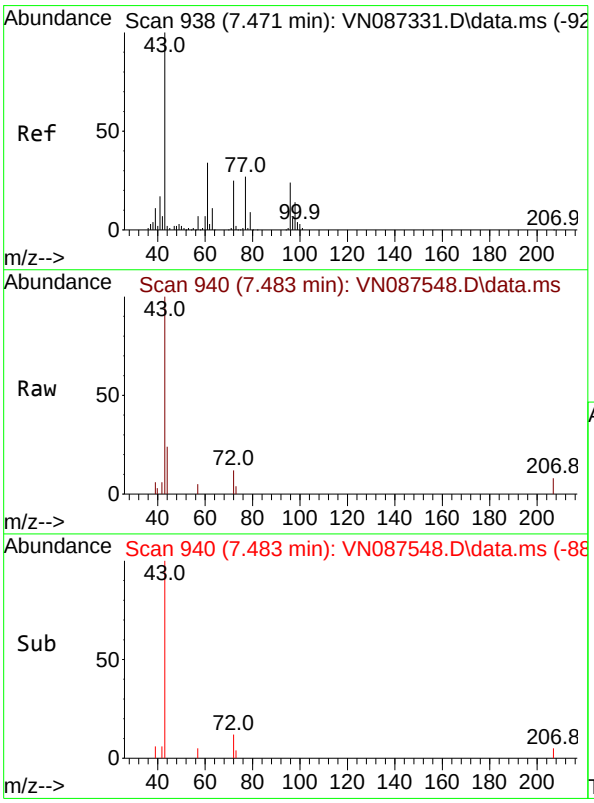
#20
Methylene Chloride
Concen: 7.755 ug/l
RT: 5.265 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 23442

Ion	Ratio	Lower	Upper
84	100		
49	116.8	107.5	161.3
51	38.2	30.2	45.2
86	71.6	49.3	73.9

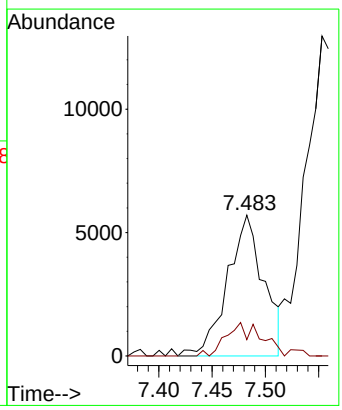


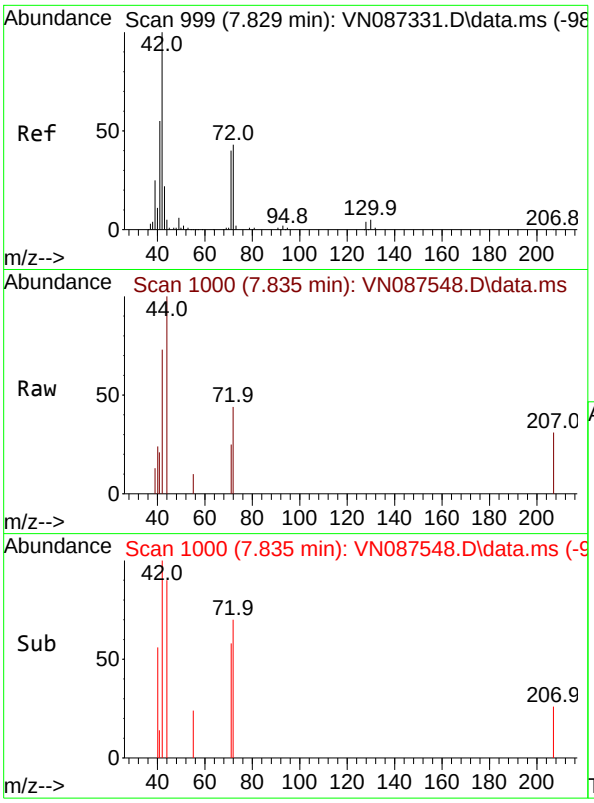


#25
2-Butanone
Concen: 5.236 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 43 Resp: 13522

Ion	Ratio	Lower	Upper
43	100		
72	11.5	19.6	29.4#



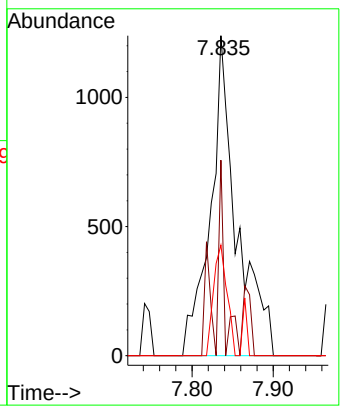


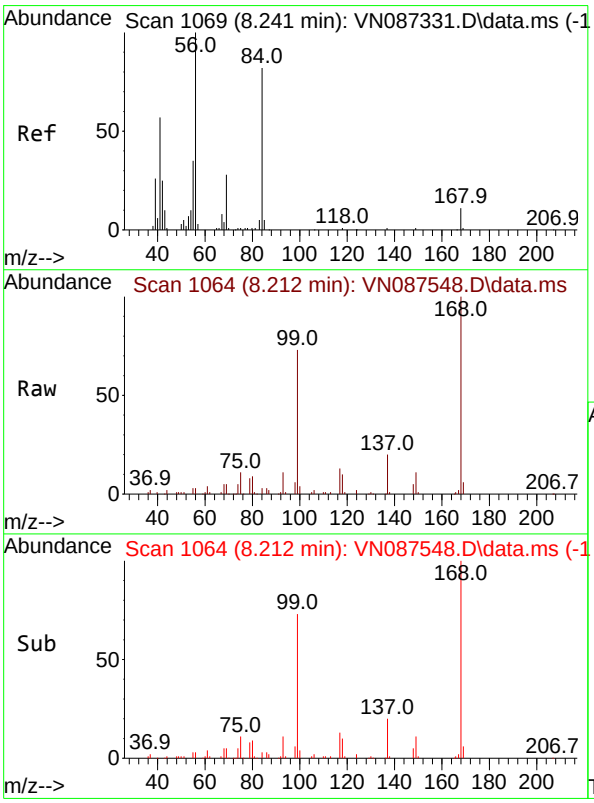
#29
Tetrahydrofuran
Concen: 1.669 ug/l
RT: 7.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2800

Ion	Ratio	Lower	Upper
42	100		
72	11.4	33.4	50.0#
71	17.7	31.2	46.8#

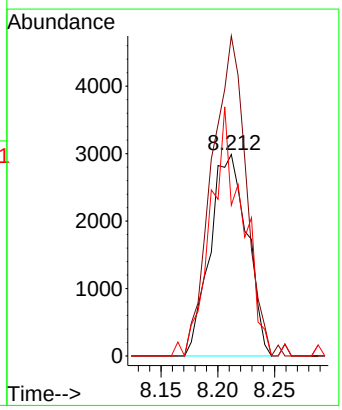


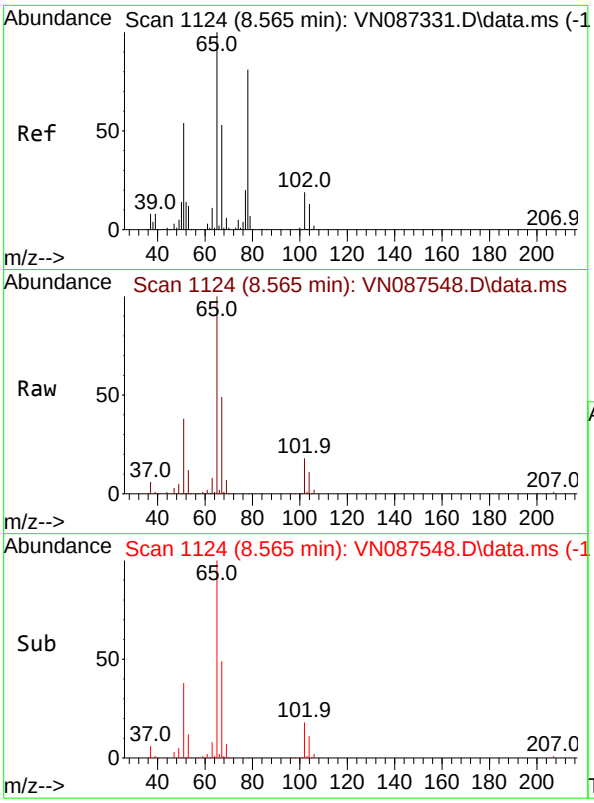


#31
Cyclohexane
Concen: 1.550 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 56 Resp: 6794

Ion	Ratio	Lower	Upper
56	100		
69	158.8	22.7	34.1#
84	74.8	65.8	98.6



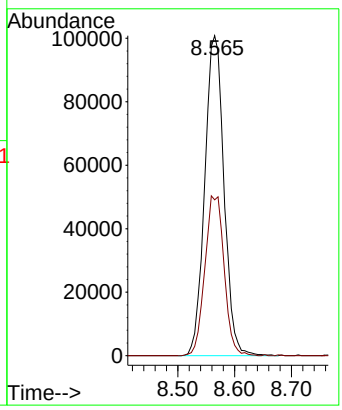


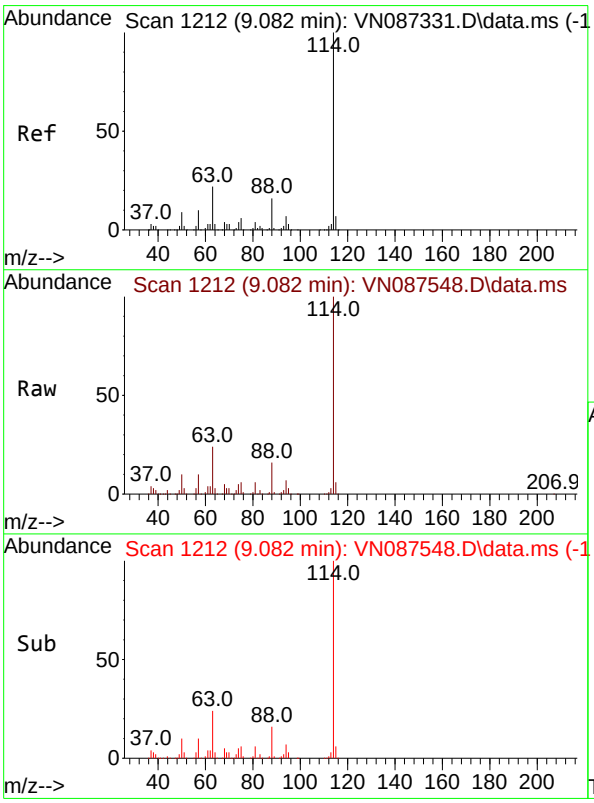
#33
1,2-Dichloroethane-d4
Concen: 66.409 ug/l
RT: 8.565 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 236754

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.0

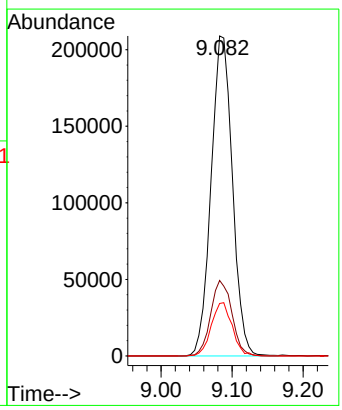


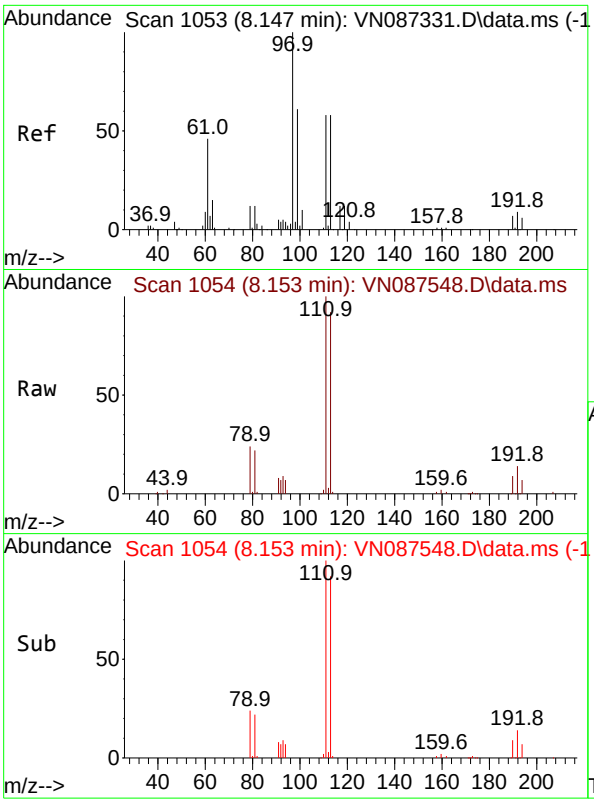


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion:114 Resp: 434746

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	44.6
88	16.4	0.0	32.8



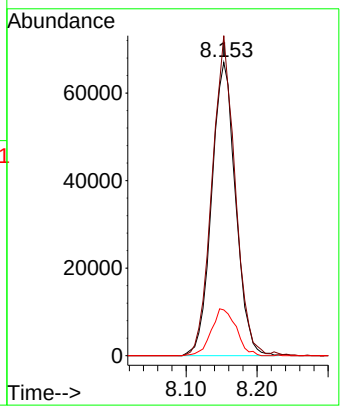


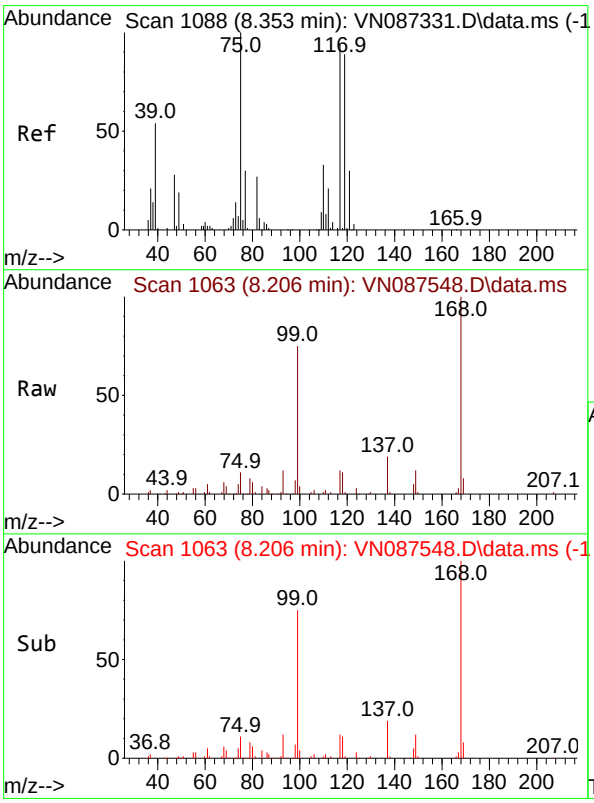
#35
Dibromofluoromethane
Concen: 52.137 ug/l
RT: 8.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 156353

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.5	123.7
192	16.6	13.7	20.5

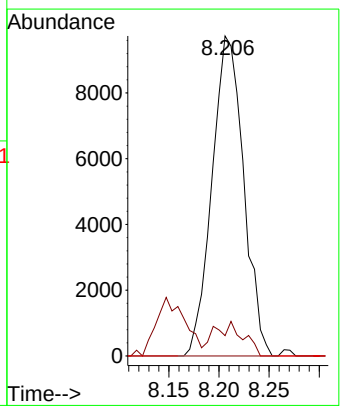


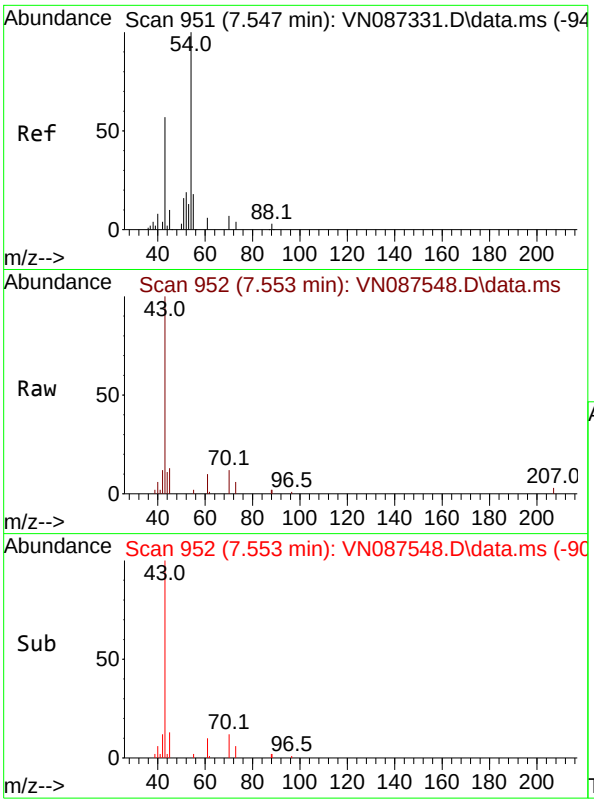


#36
1,1-Dichloropropene
Concen: 5.389 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 75 Resp: 21350

Ion	Ratio	Lower	Upper
75	100		
110	2.9	16.7	50.1#
77	0.0	25.2	37.8#



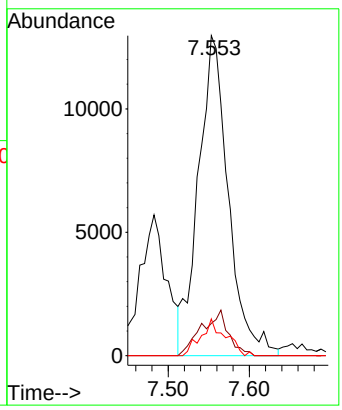


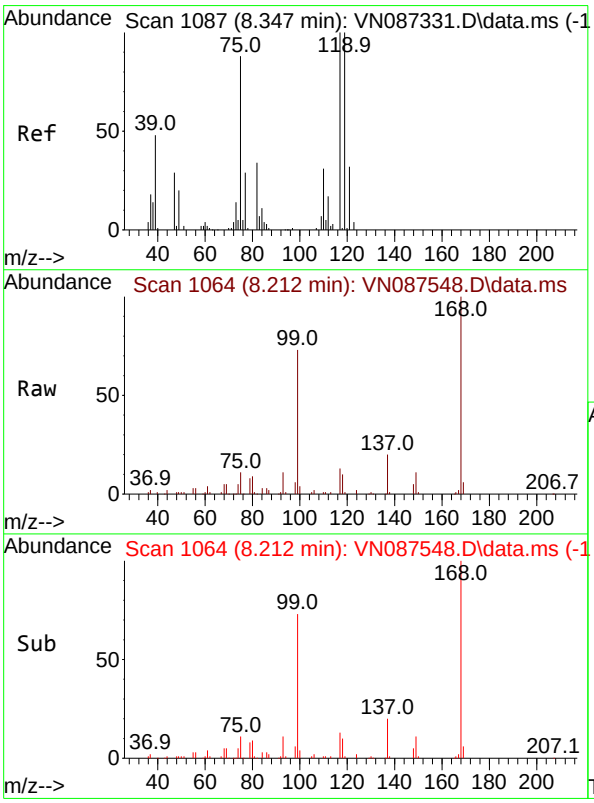
#37
Ethyl Acetate
Concen: 5.813 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 33260

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.9	16.3
70	9.4	7.4	11.0

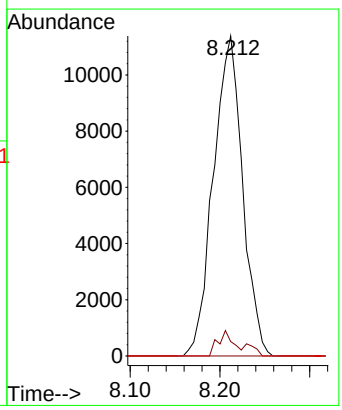


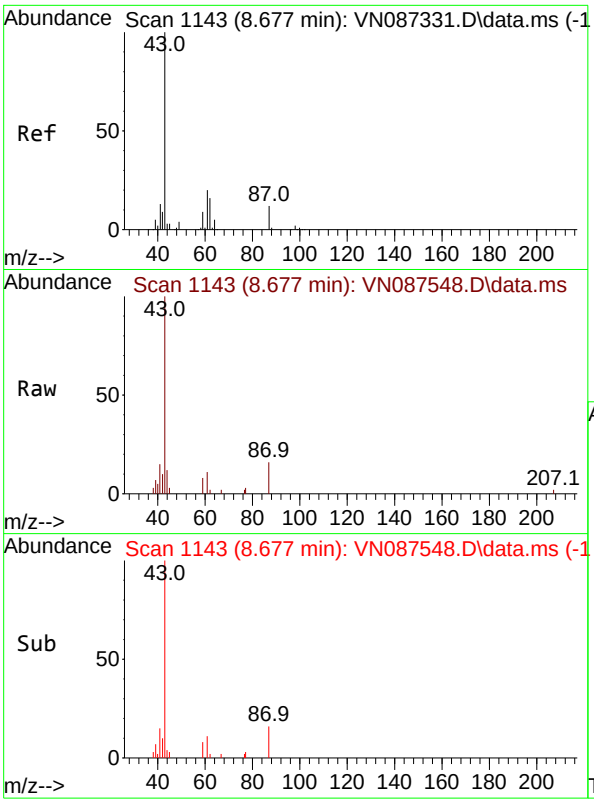


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion:117 Resp: 25715

Ion	Ratio	Lower	Upper
117	100		
119	4.5	80.2	120.2#
121	0.0	25.4	38.2#



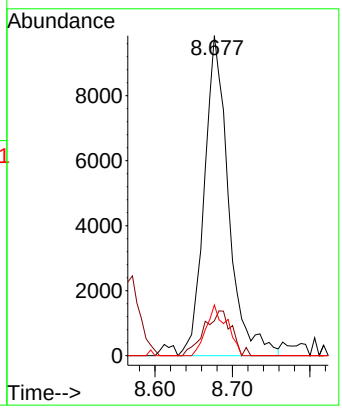


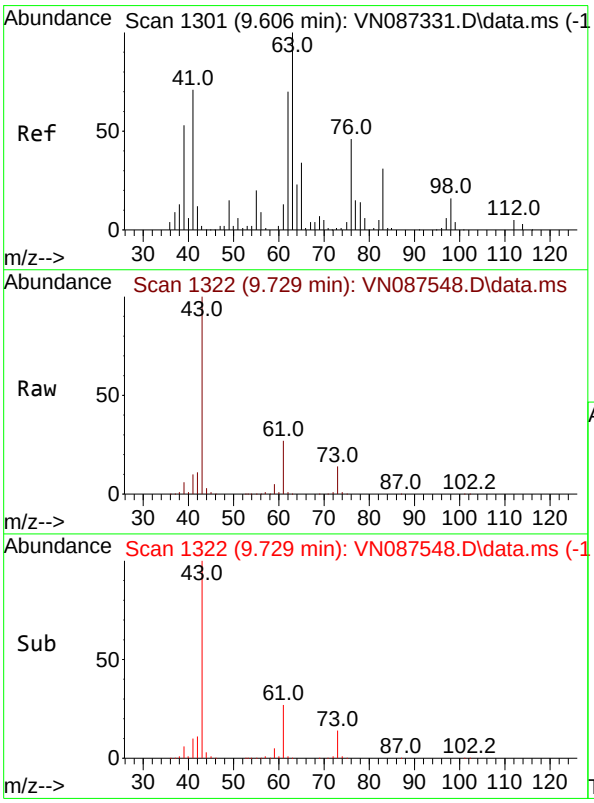
#43
Isopropyl Acetate
Concen: 2.416 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21462

Ion	Ratio	Lower	Upper
43	100		
61	15.8	19.8	29.8#
87	13.5	9.8	14.6

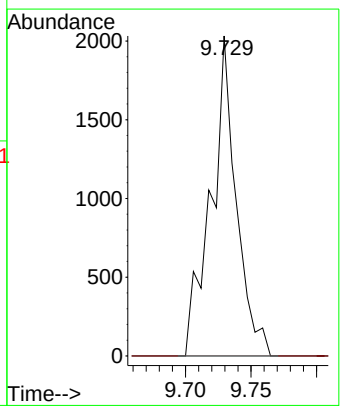


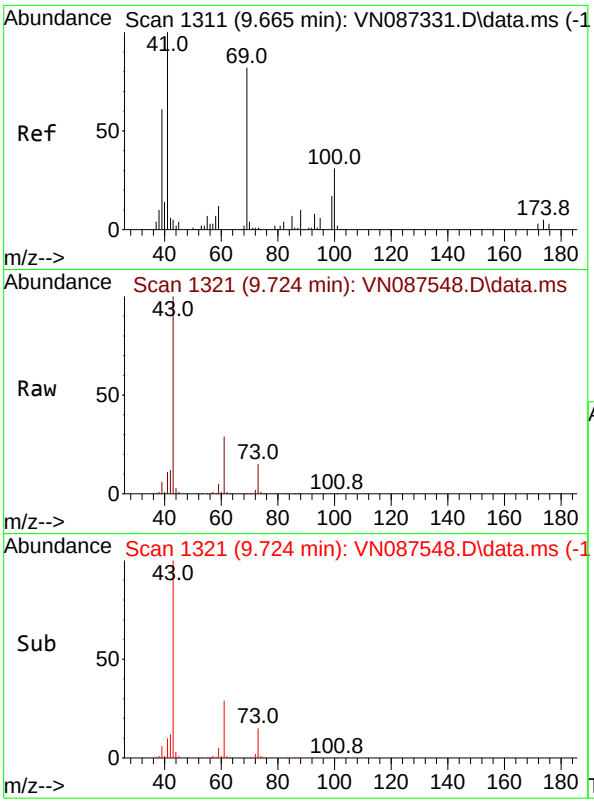


#45
1,2-Dichloropropane
Concen: 0.836 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.123 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 63 Resp: 2720

Ion	Ratio	Lower	Upper
63	100		
65	0.0	27.0	40.4#



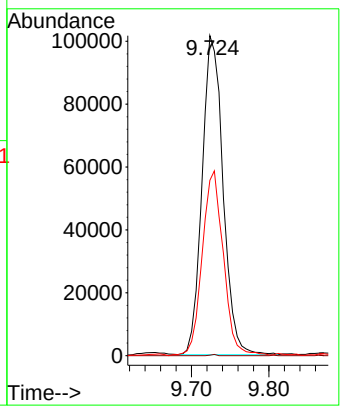


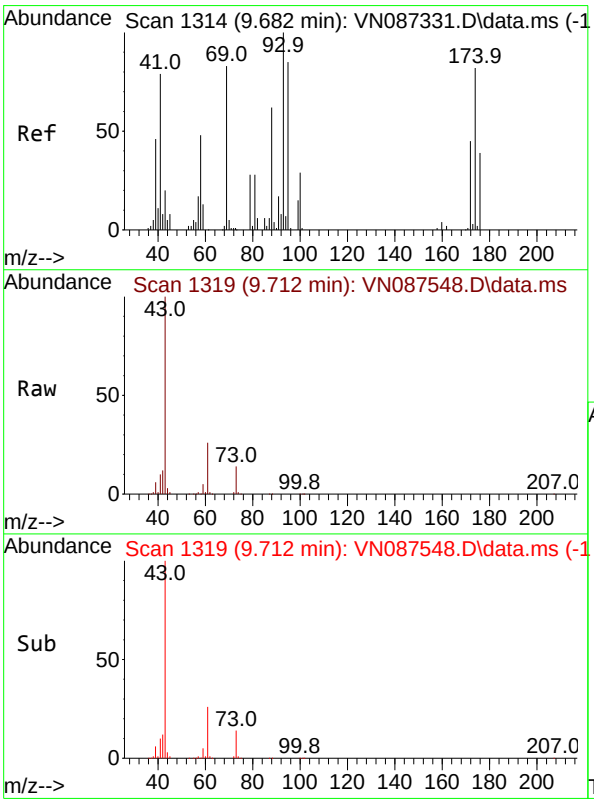
#48
Methyl methacrylate
Concen: 47.613 ug/l
RT: 9.724 min Scan# 1
Delta R.T. 0.059 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 190399

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	58.6	45.5	68.3

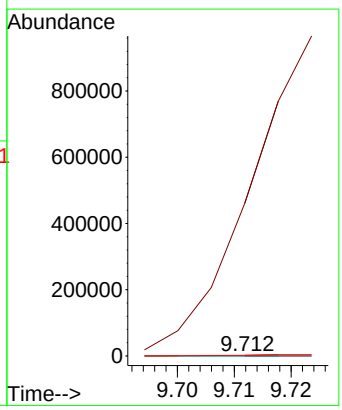


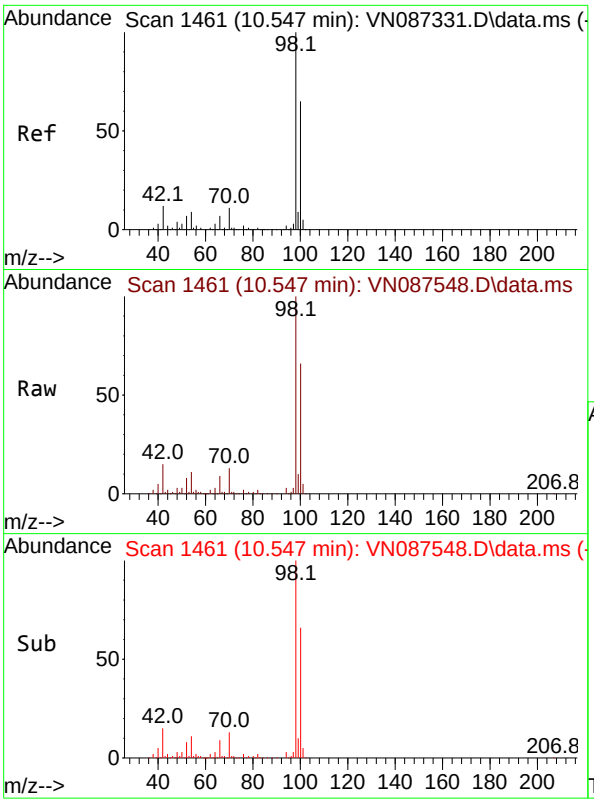


#49
1,4-Dioxane
Concen: 1.127 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.030 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	61.1	91.7#



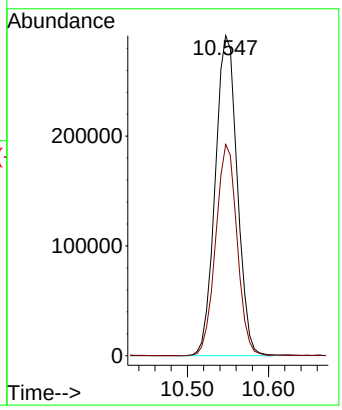


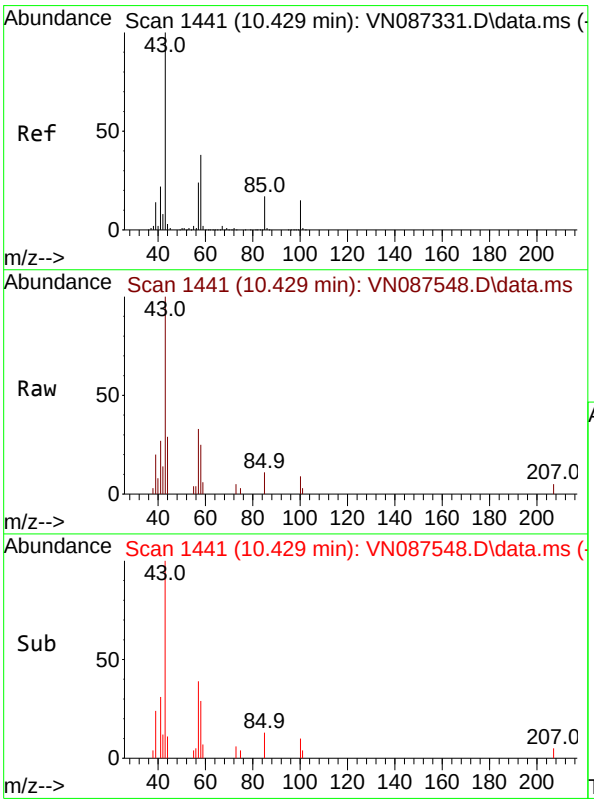
#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 549864

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

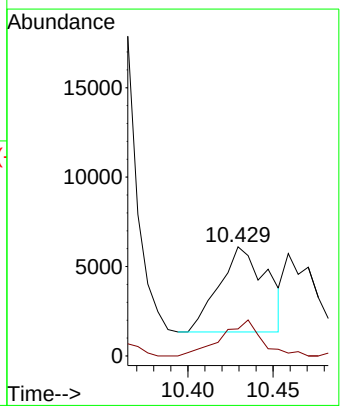


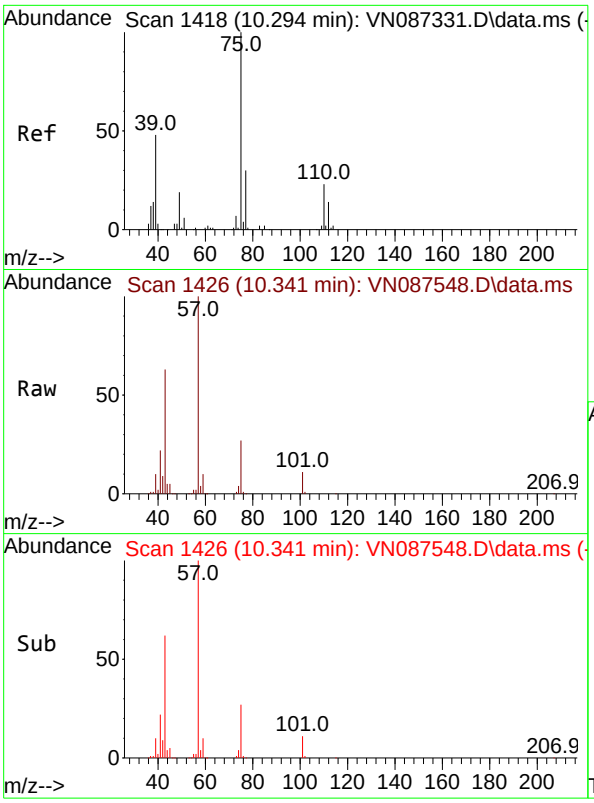


#51
4-Methyl-2-Pentanone
Concen: 1.648 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 43 Resp: 9258

Ion	Ratio	Lower	Upper
43	100		
58	35.4	30.8	46.2



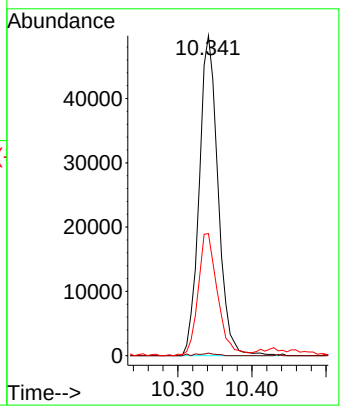


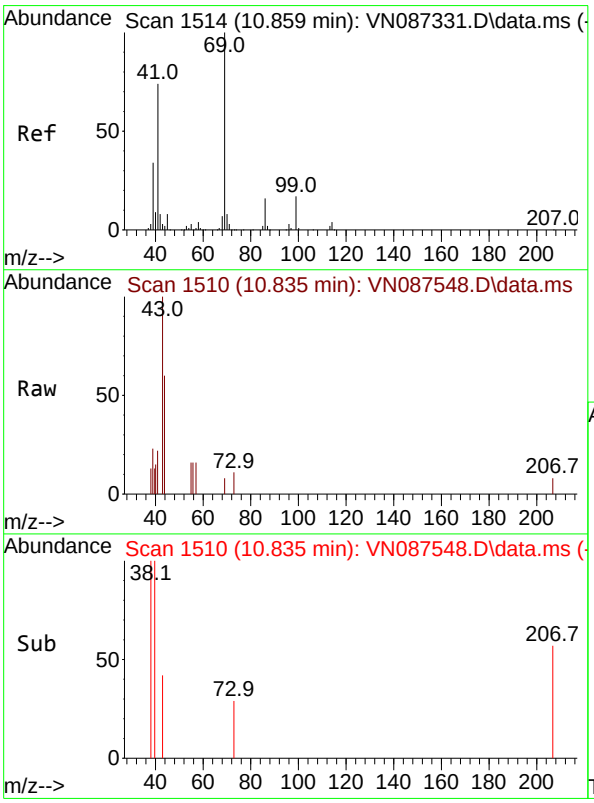
#54
cis-1,3-Dichloropropene
Concen: 17.132 ug/l
RT: 10.341 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87880

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.2	36.2#
39	37.7	38.4	57.6#

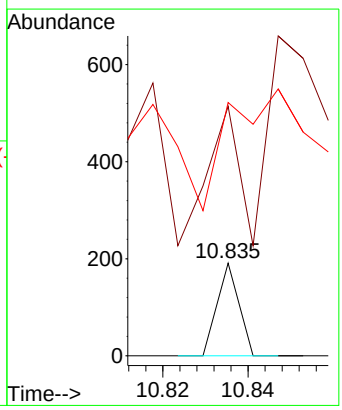


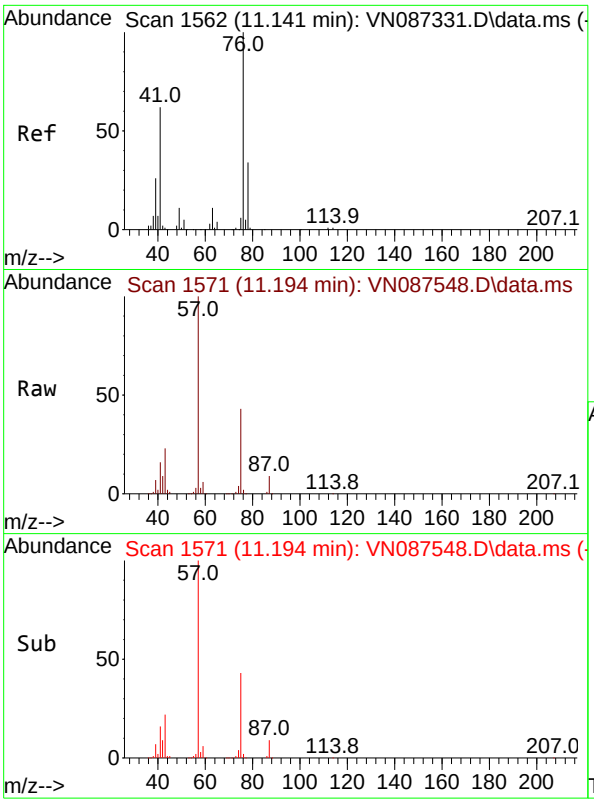


#56
Ethyl methacrylate
Concen: 0.648 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.024 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 69 Resp: 67

Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.1	82.7#
39	0.0	27.9	41.9#



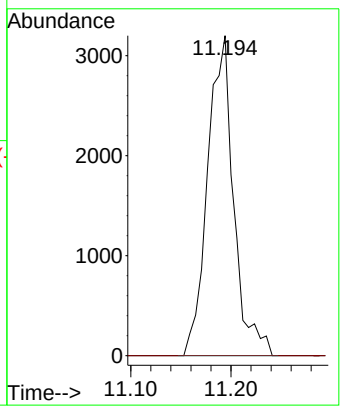


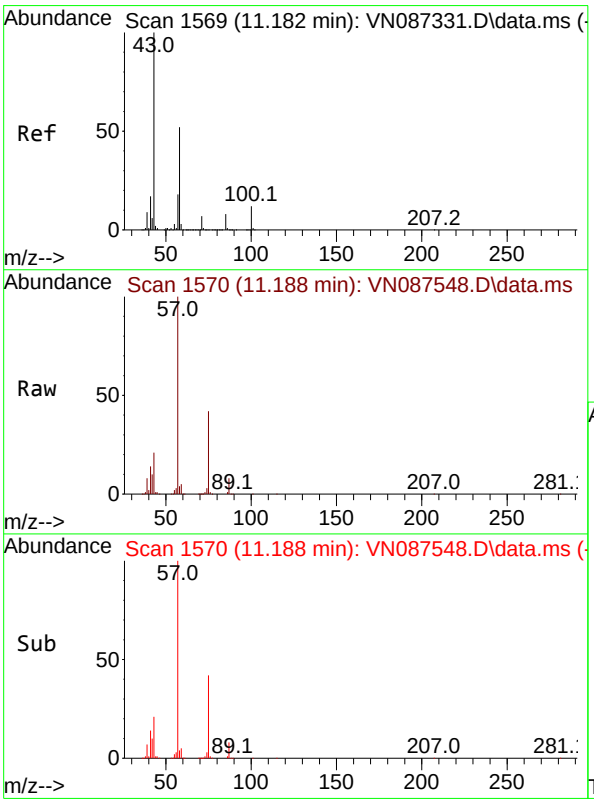
#57
1,3-Dichloropropane
Concen: 1.060 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 5777

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

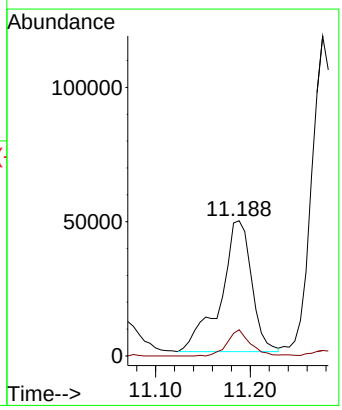


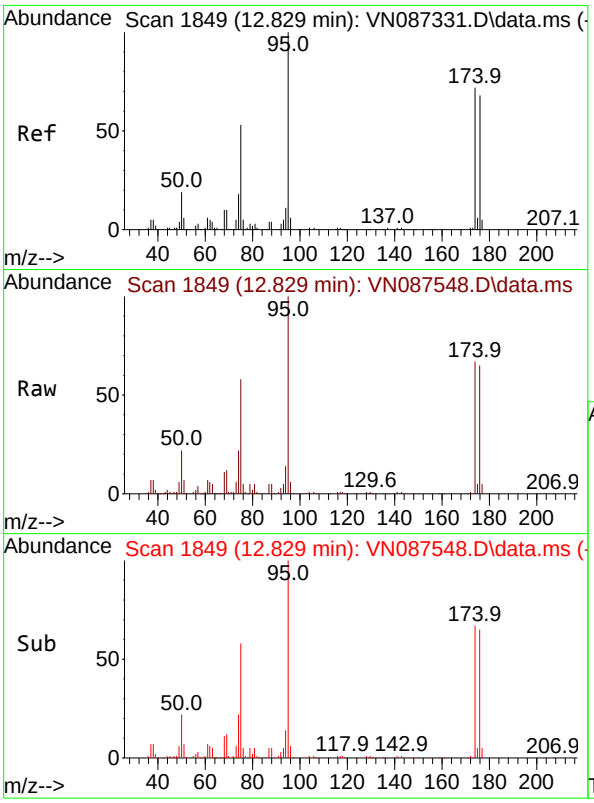


#59
2-Hexanone
Concen: 29.779 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 43 Resp: 110997

Ion	Ratio	Lower	Upper
43	100		
58	15.2	26.7	80.0#



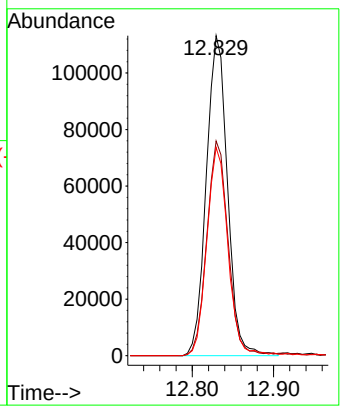


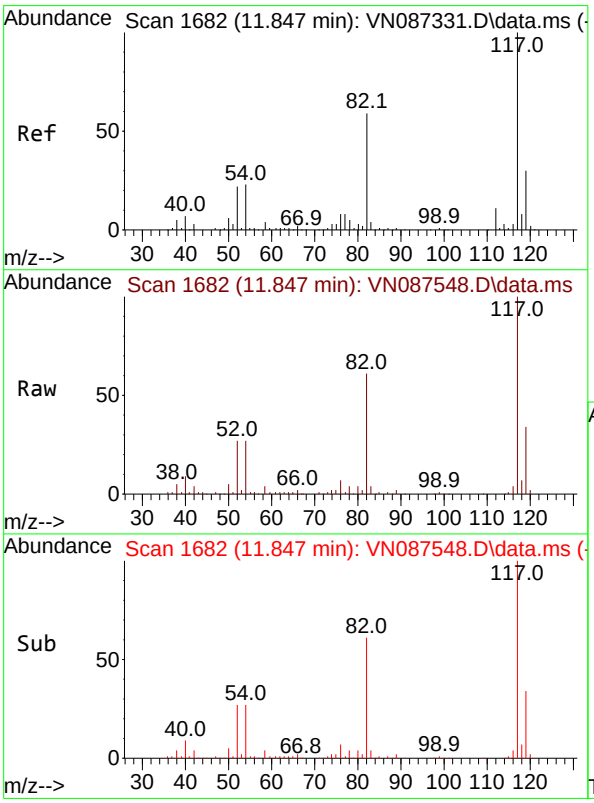
#62
4-Bromofluorobenzene
Concen: 51.885 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 205059

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	149.4
176	64.9	0.0	141.2

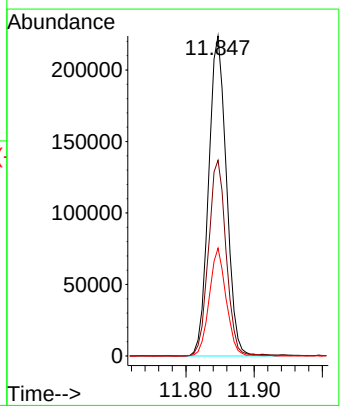


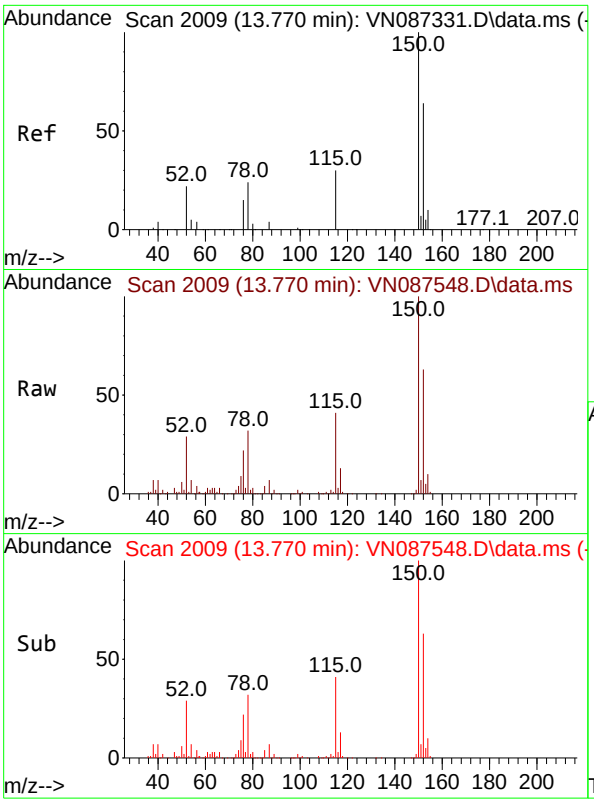


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion:117 Resp: 407444

Ion	Ratio	Lower	Upper
117	100		
82	61.2	47.4	71.2
119	33.7	23.8	35.8



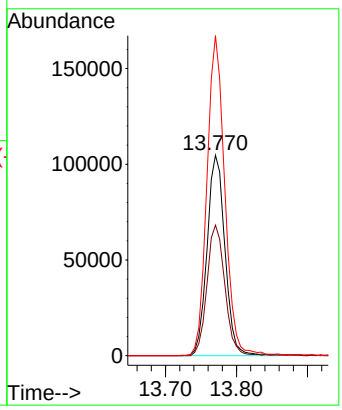


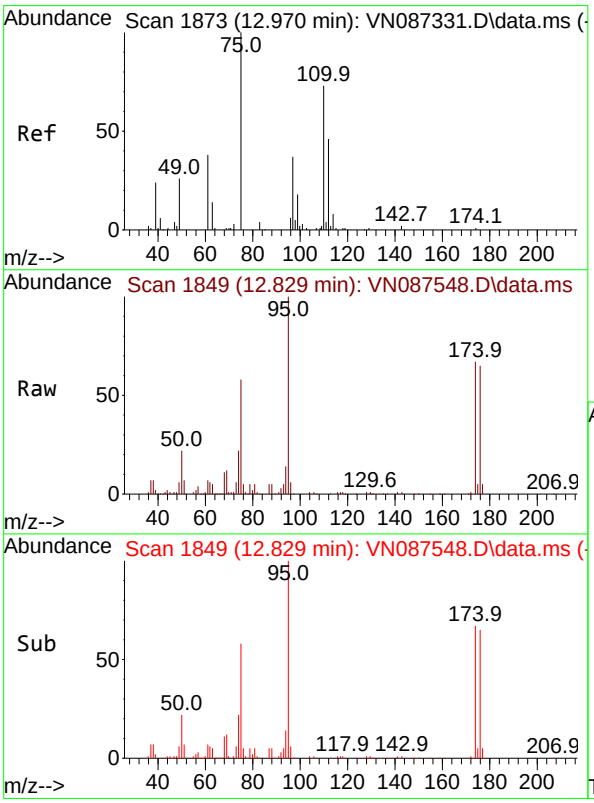
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 183460

Ion	Ratio	Lower	Upper
152	100		
115	65.4	31.1	93.5
150	158.8	0.0	349.0

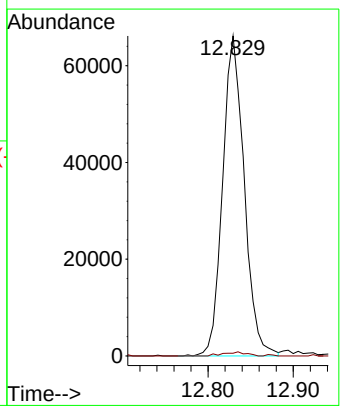


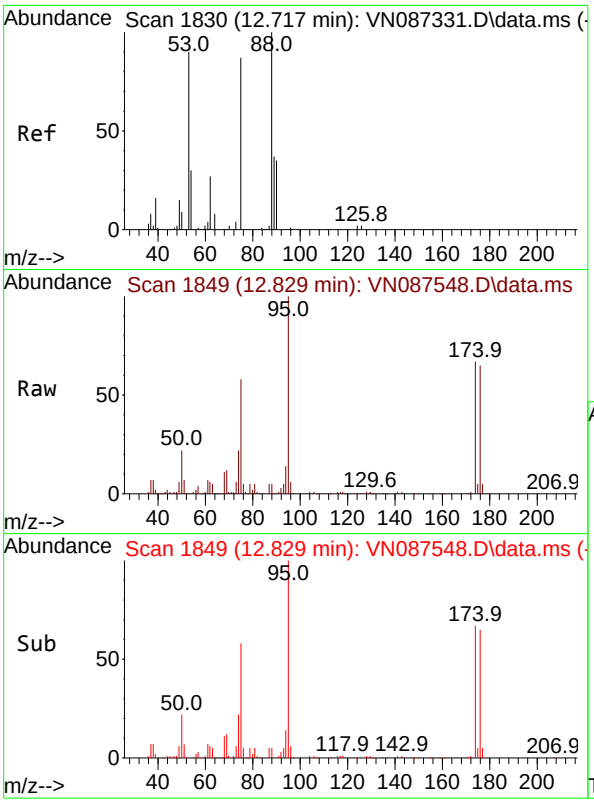


#76
1,2,3-Trichloropropane
Concen: 28.288 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion: 75 Resp: 116374

Ion	Ratio	Lower	Upper
75	100		
77	1.3	94.5	283.6#



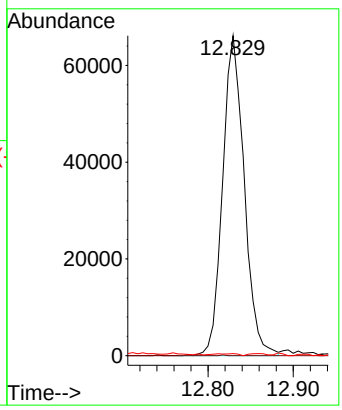


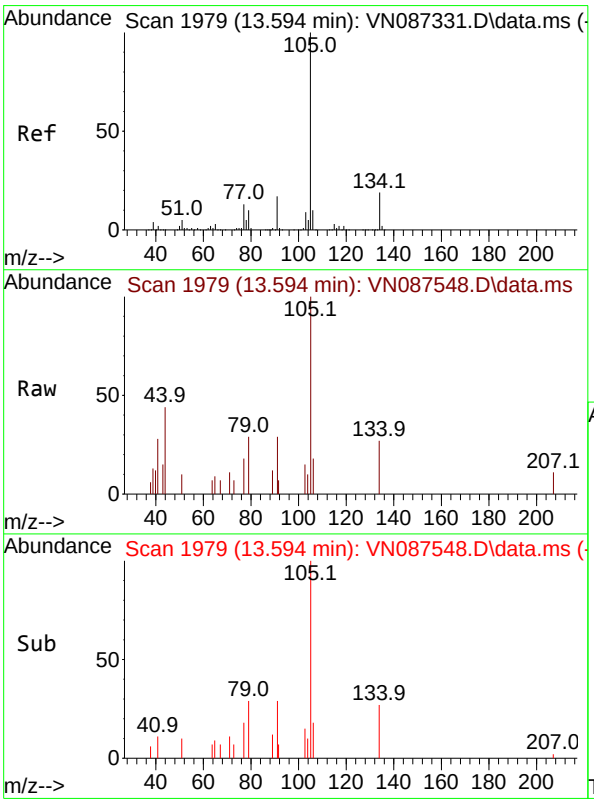
#81
trans-1,4-Dichloro-2-butene
Concen: 77.400 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 116374

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.5	125.3#
89	0.7	38.4	57.6#

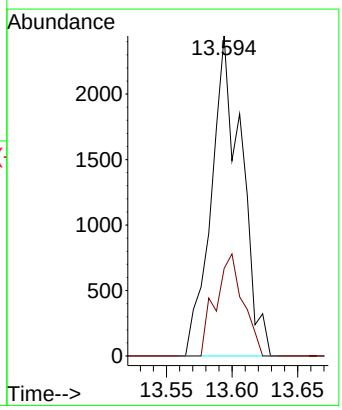


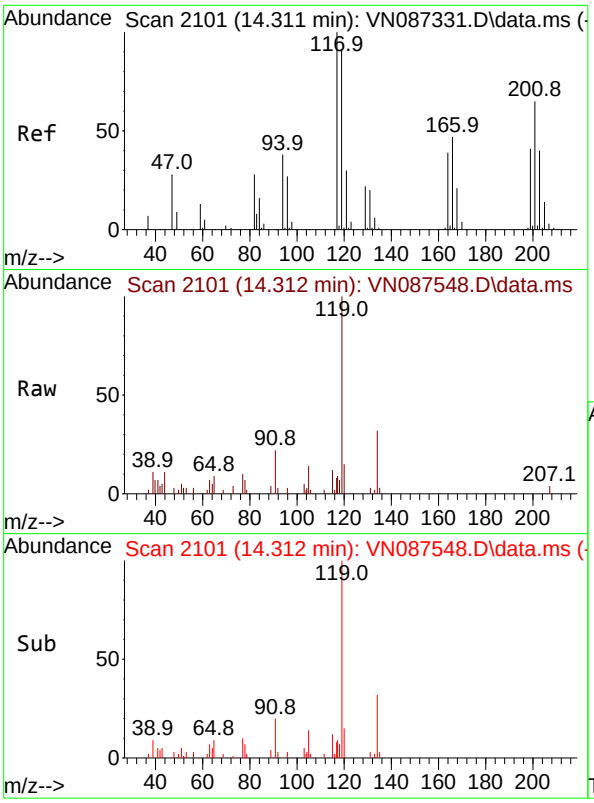


#85
sec-Butylbenzene
Concen: 0.317 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Tgt Ion:105 Resp: 3929

Ion	Ratio	Lower	Upper
105	100		
134	28.9	9.8	29.4





#90
Hexachloroethane
Concen: 0.833 ug/l
RT: 14.312 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN087548.D
Acq: 13 Aug 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1751

Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.8	98.4#