Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
Data File : VN085542.D
Acq On : 28 Jan 2025 16:37
Operator : JC\MD
Sample : PB166233ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Quant Time: Jan 29 00:41:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	167014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151715	56.275	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.560%			
35) Dibromofluoromethane	8.165	113	115150	50.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	10.565	98	425129	52.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.940%			
62) 4-Bromofluorobenzene	12.847	95	127048	46.272	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.540%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	582	0.238	ug/l #	73
11) Tert butyl alcohol	5.512	59	84	0.272	ug/l #	71
16) Acetone	4.424	43	58659	67.340	ug/l	96
18) Methyl Acetate	5.042	43	1903	0.718	ug/l #	59
20) Methylene Chloride	5.271	84	2010	0.932	ug/l #	91
25) 2-Butanone	7.488	43	5907	4.608	ug/l	99
29) Tetrahydrofuran	7.841	42	282	0.347	ug/l #	34
30) Chloroform	7.971	83	1625	0.399	ug/l #	82
31) Cyclohexane	8.224	56	4694	1.372	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16369	5.163	ug/l #	50
37) Ethyl Acetate	7.565	43	3025	0.945	ug/l #	83
38) Carbon Tetrachloride	8.224	117	18662	5.141	ug/l #	17
42) 1,2-Dichloroethane	8.677	62	791	0.220	ug/l #	76
43) Isopropyl Acetate	8.688	43	144272	28.134	ug/l #	85
45) 1,2-Dichloropropane	9.735	63	1656	0.681	ug/l #	43
48) Methyl methacrylate	9.741	41	129471	56.104	ug/l #	47
49) 1,4-Dioxane	9.741	88	146	3.757	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	11514	3.869	ug/l #	79
53) t-1,3-Dichloropropene	10.735	75	828	0.245	ug/l	95
54) cis-1,3-Dichloropropene	10.359	75	41886	11.600	ug/l #	70
56) Ethyl methacrylate	10.982	69	1954	2.442	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6611	1.740	ug/l #	43
59) 2-Hexanone	11.200	43	77833	37.174	ug/l #	59
71) Bromoform	12.847	173	1209	0.675	ug/l #	1
74) N-amyl acetate	12.482	43	1734	0.509	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	71188	31.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71188	84.405	ug/l #	3

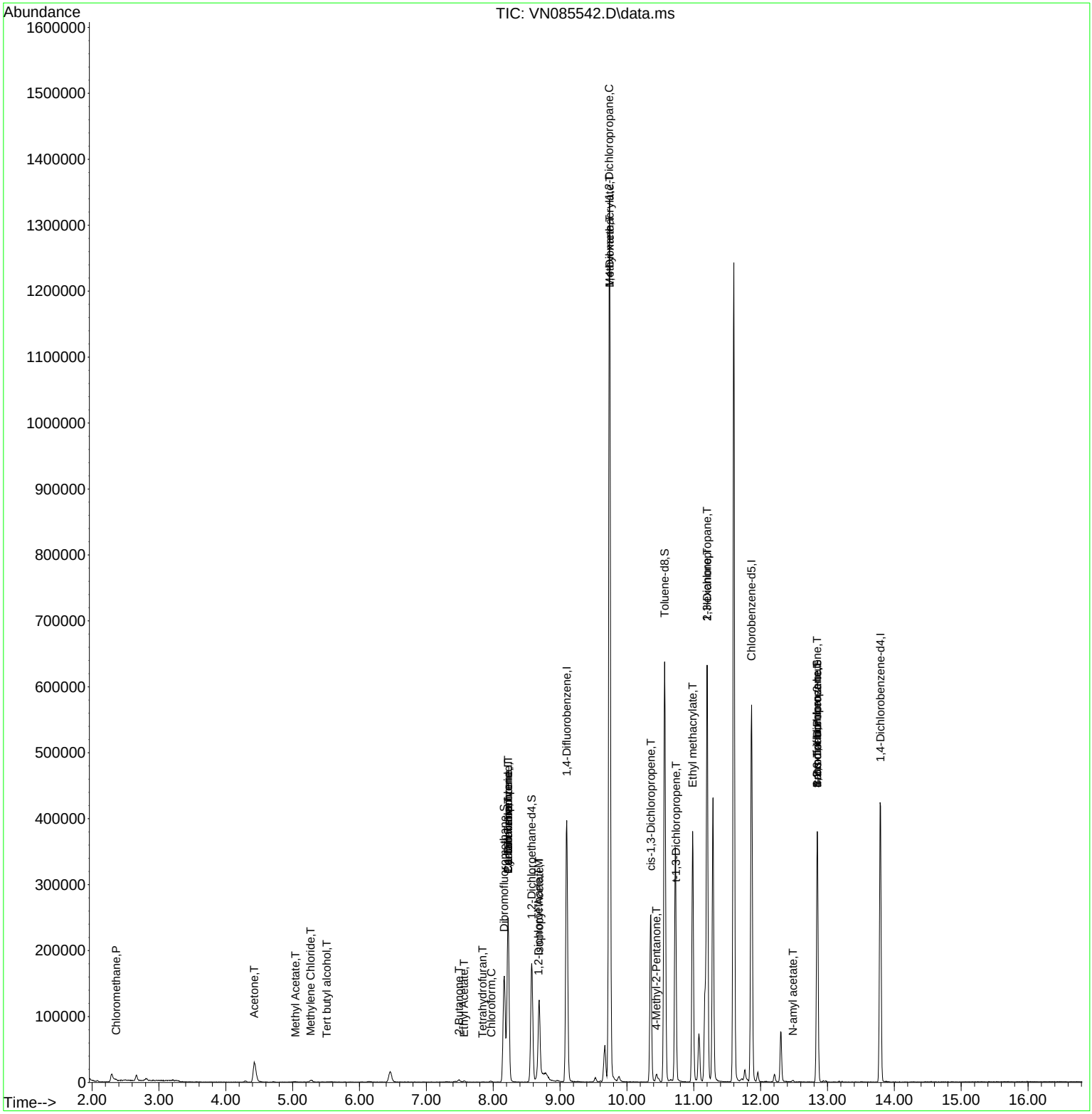
(#) = qualifier out of range (m) = manual integration (+) = signals summed

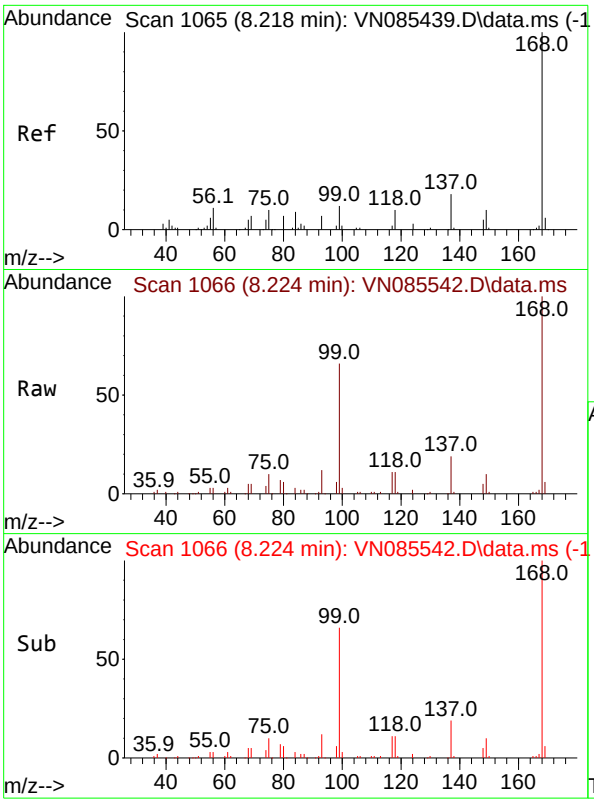
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
Data File : VN085542.D
Acq On : 28 Jan 2025 16:37
Operator : JC\MD
Sample : PB166233ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Quant Time: Jan 29 00:41:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



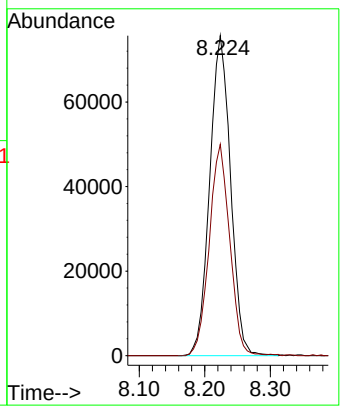


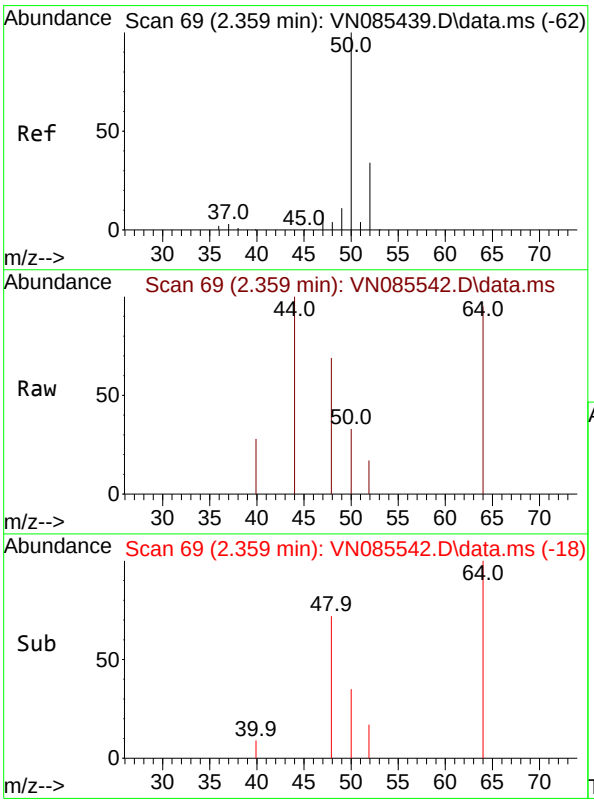
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion:168 Resp: 167014

Ion	Ratio	Lower	Upper
168	100		
99	66.1	53.6	80.4

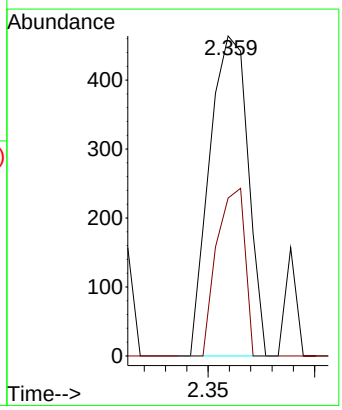


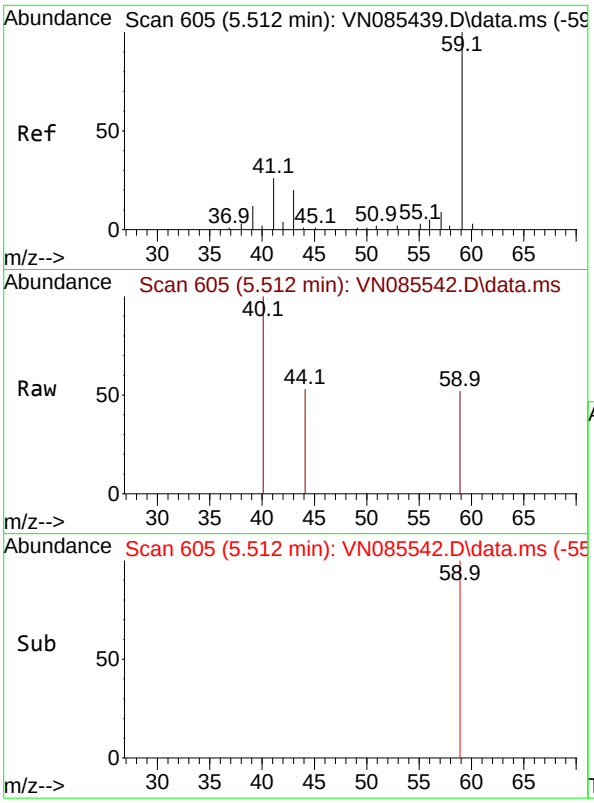


#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 50 Resp: 582

Ion	Ratio	Lower	Upper
50	100		
52	49.4	27.0	40.6#



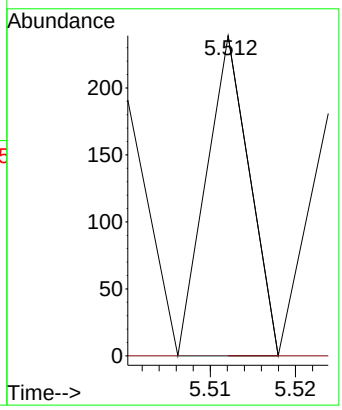


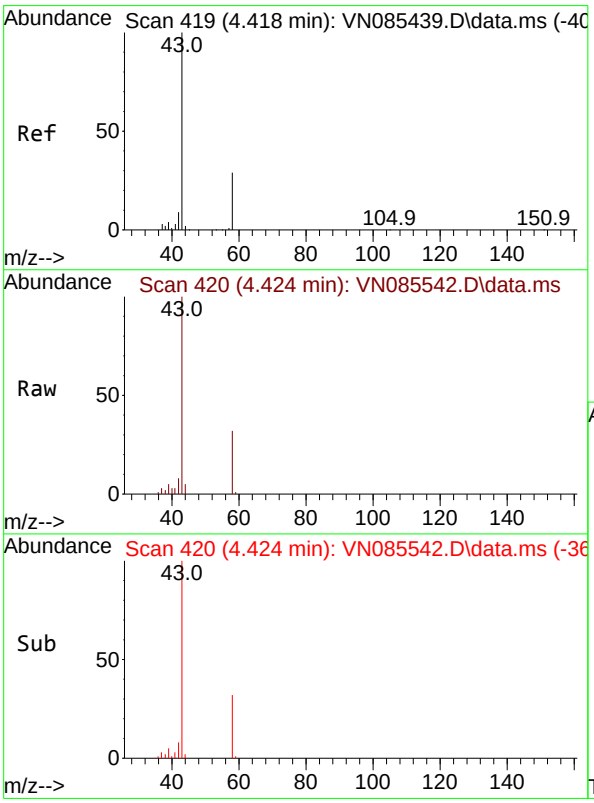
#11
Tert butyl alcohol
Concen: 0.272 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 59 Resp: 84

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

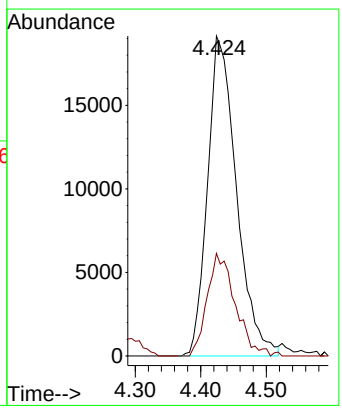


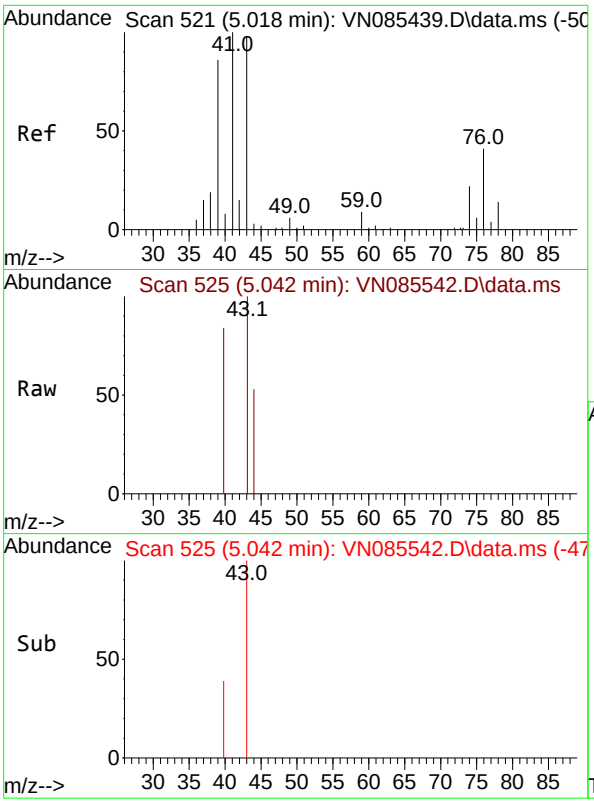


#16
Acetone
Concen: 67.340 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 43 Resp: 58659

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.8	35.6



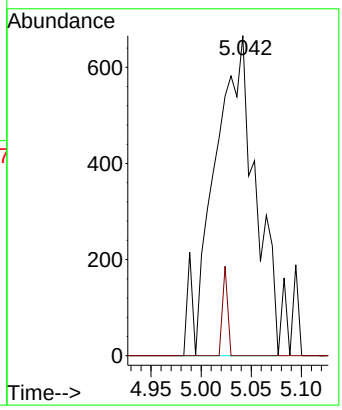


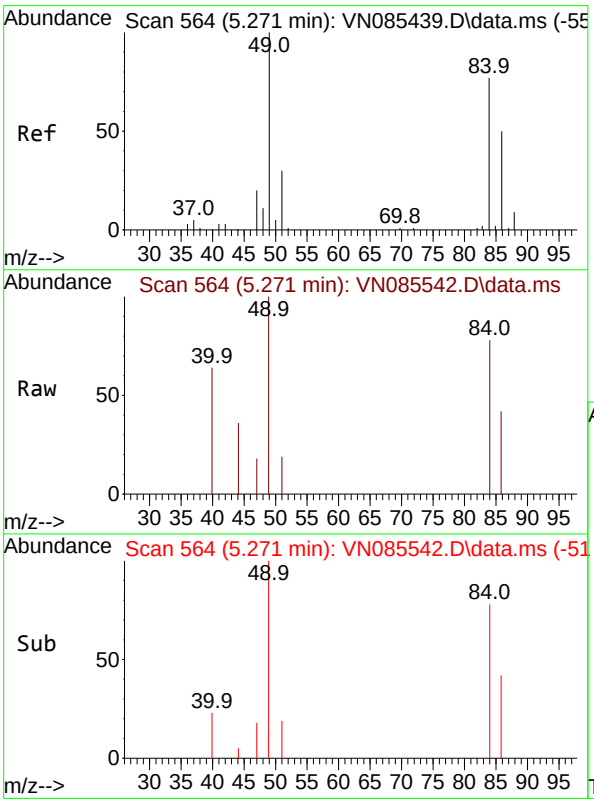
#18
Methyl Acetate
Concen: 0.718 ug/l
RT: 5.042 min Scan# 5
Delta R.T. 0.023 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
74	3.5	18.6	28.0#

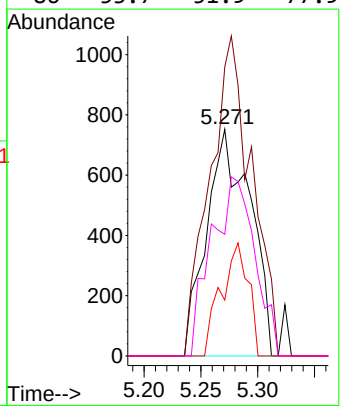


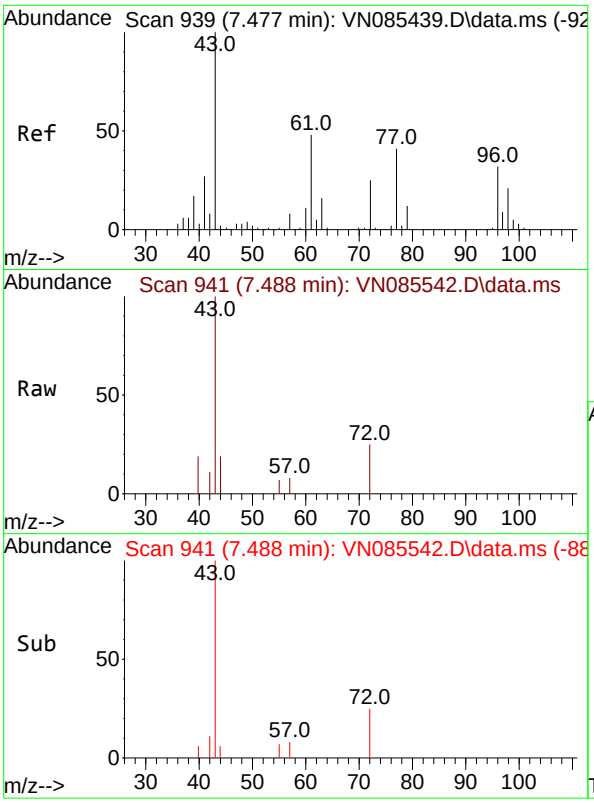


#20
Methylene Chloride
Concen: 0.932 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 84 Resp: 2010

Ion	Ratio	Lower	Upper
84	100		
49	127.5	104.1	156.1
51	24.6	31.0	46.4#
86	53.7	51.9	77.9



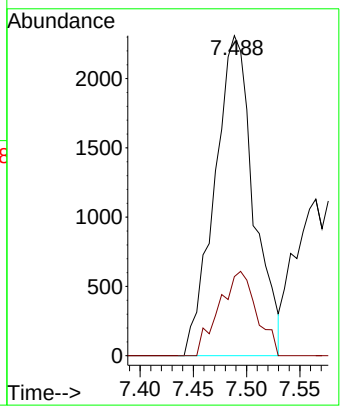


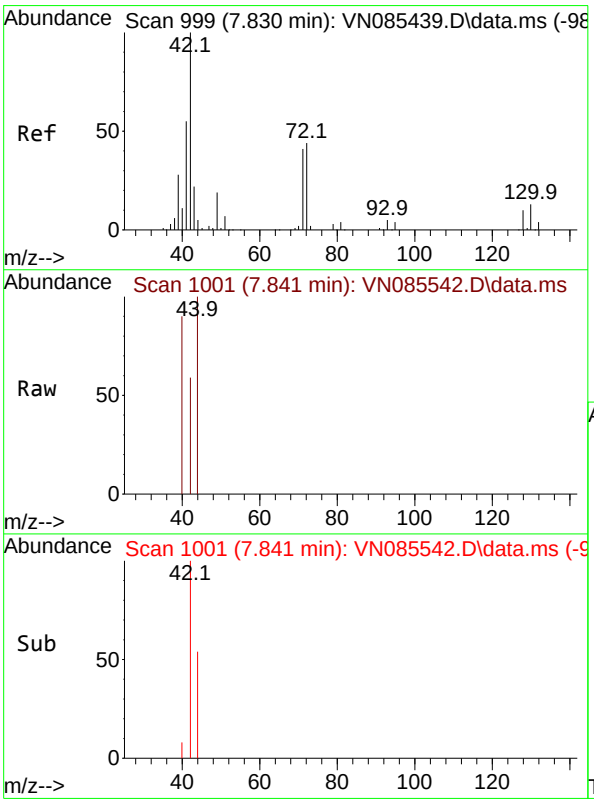
#25
2-Butanone
Concen: 4.608 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 43 Resp: 5907

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.2	30.4

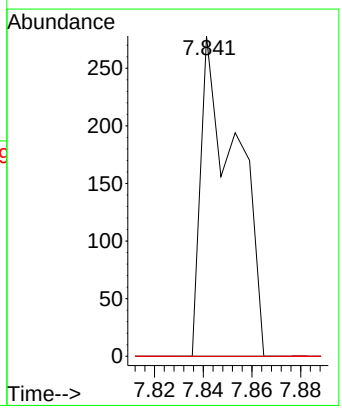


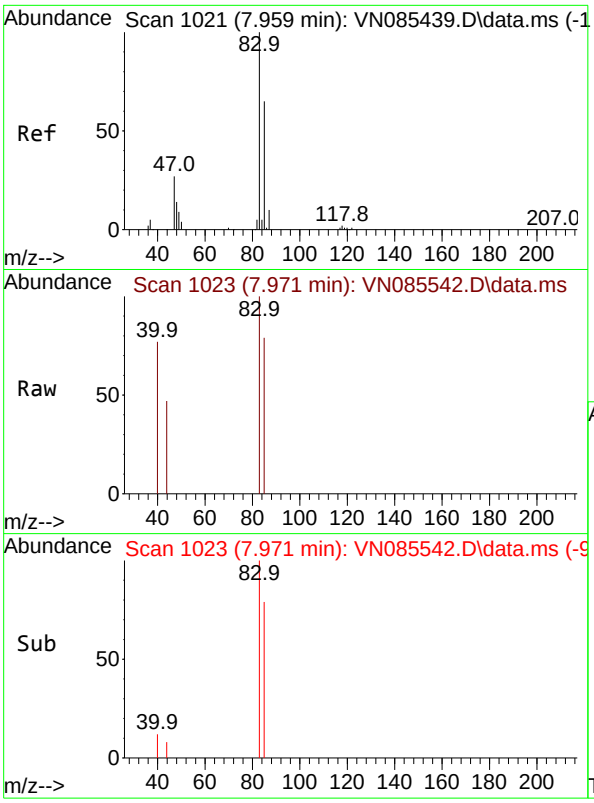


#29
Tetrahydrofuran
Concen: 0.347 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 42 Resp: 282

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	32.5	48.7#



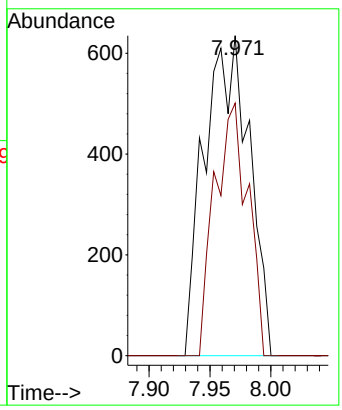


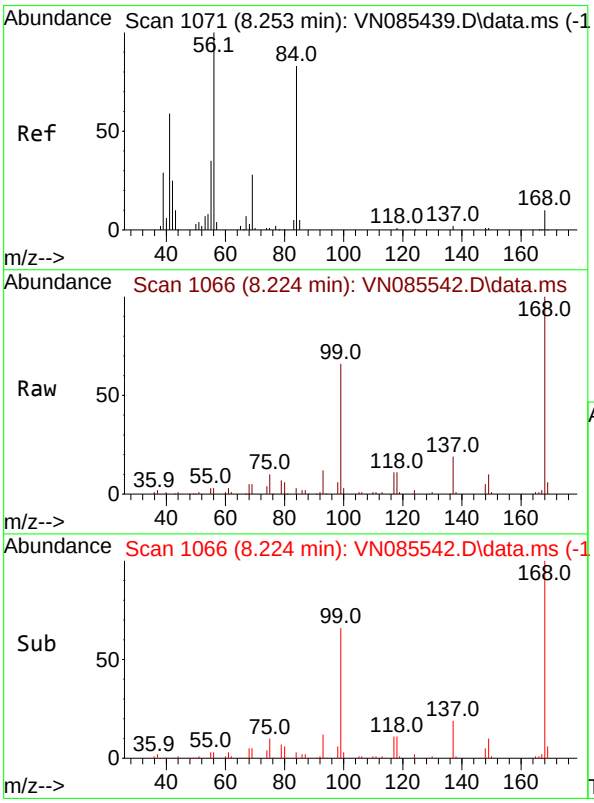
#30
Chloroform
Concen: 0.399 ug/l
RT: 7.971 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 83 Resp: 1625

Ion	Ratio	Lower	Upper
83	100		
85	78.9	51.8	77.6#

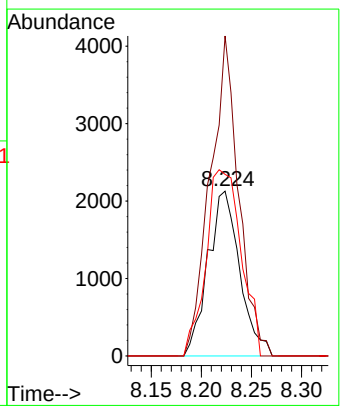


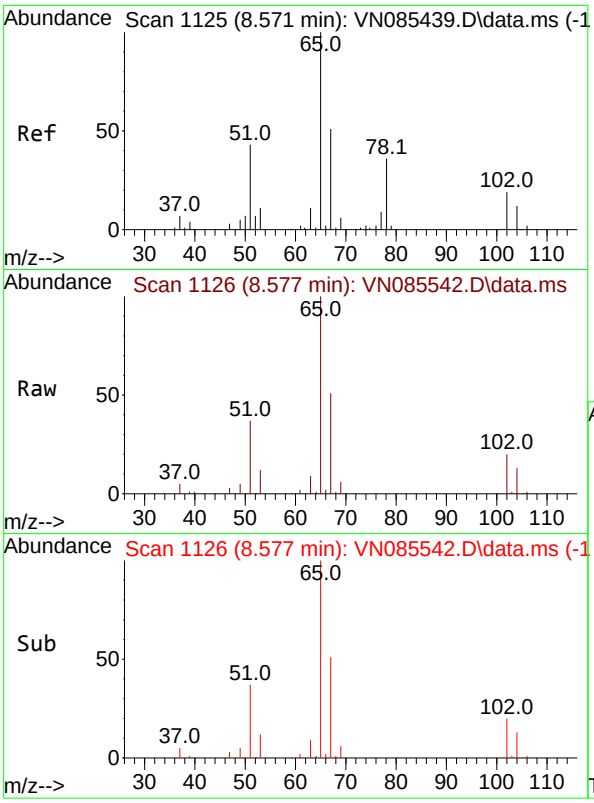


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 56 Resp: 4694

Ion	Ratio	Lower	Upper
56	100		
69	194.2	22.2	33.4#
84	110.2	66.4	99.6#



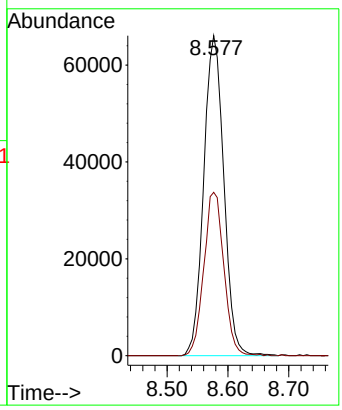


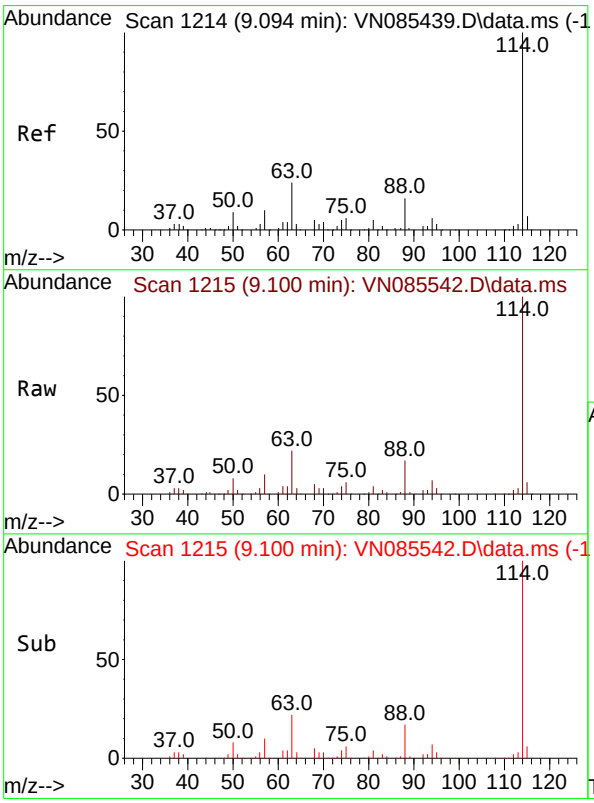
#33
1,2-Dichloroethane-d4
Concen: 56.275 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 65 Resp: 151715

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

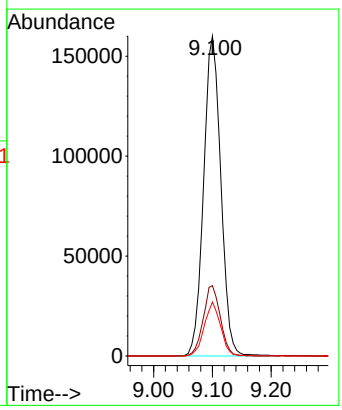


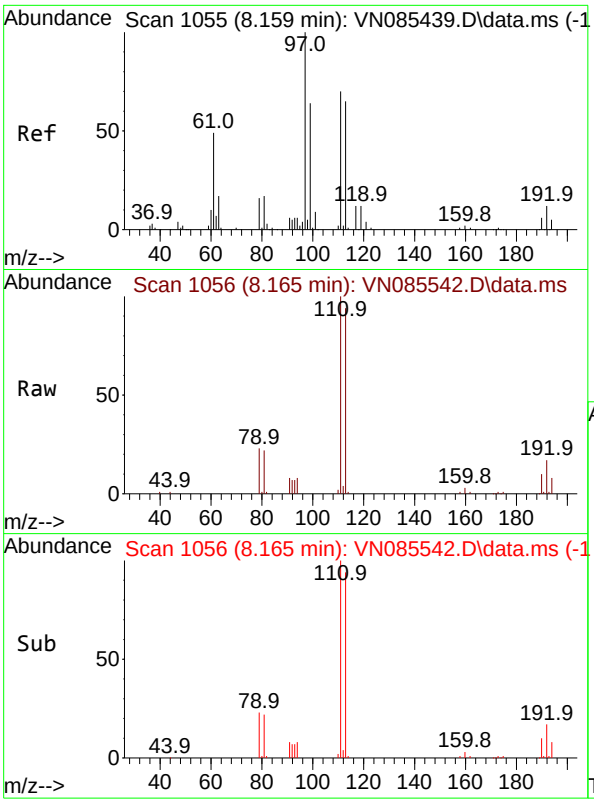


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion:114 Resp: 325634

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.6
88	16.9	0.0	32.6



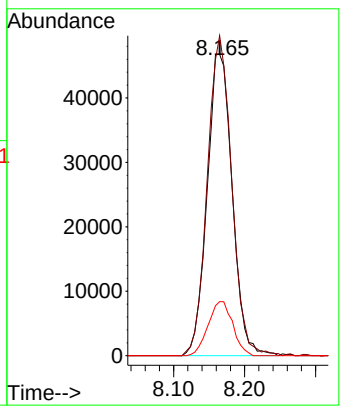


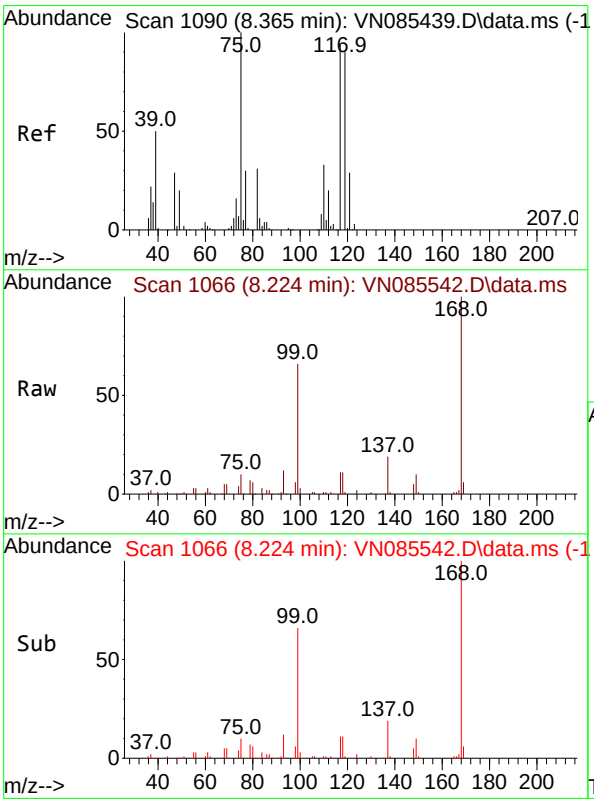
#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion:113 Resp: 115150

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	17.6	14.3	21.5

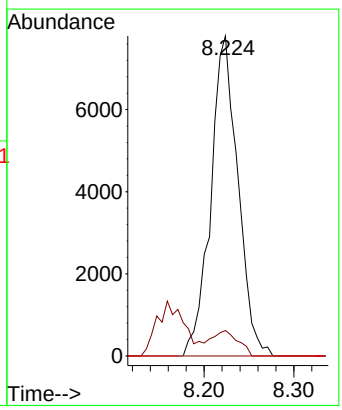


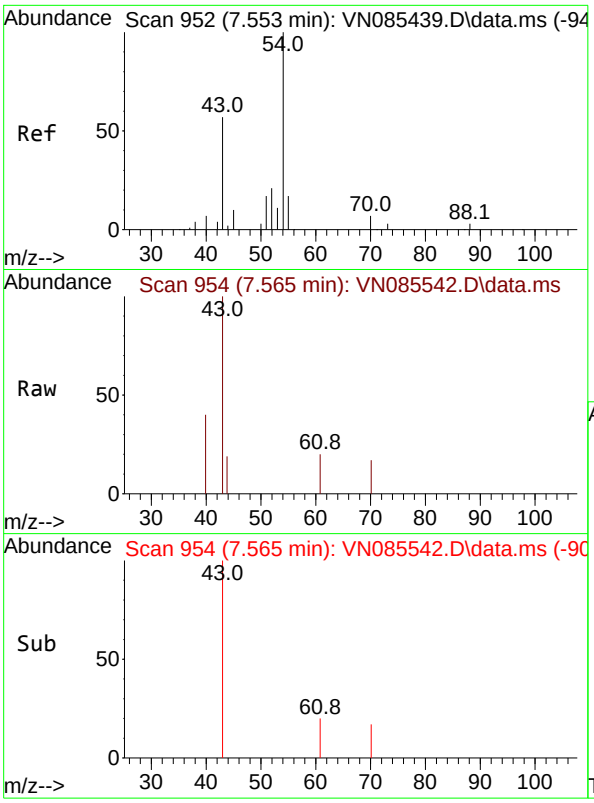


#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 75 Resp: 16369

Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.5	49.5#
77	0.0	24.4	36.6#



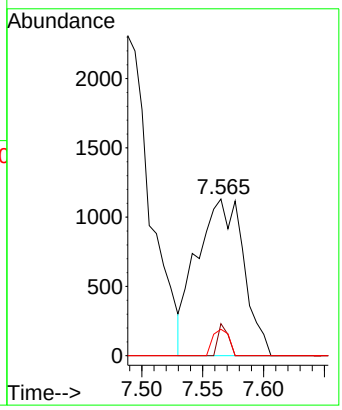


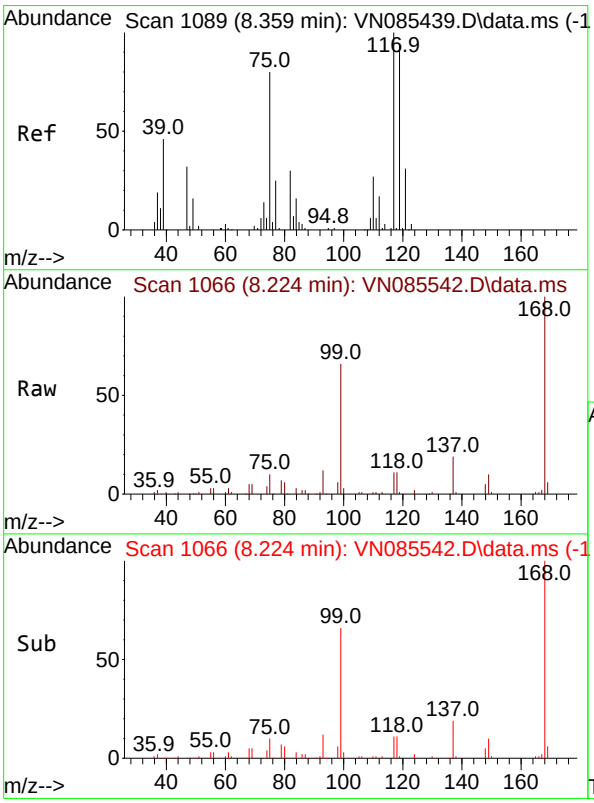
#37
Ethyl Acetate
Concen: 0.945 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 43 Resp: 3025

Ion	Ratio	Lower	Upper
43	100		
61	4.5	10.9	16.3#
70	5.9	7.5	11.3#

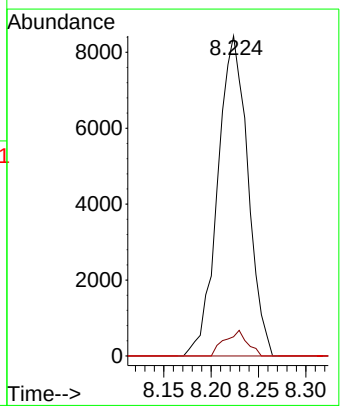


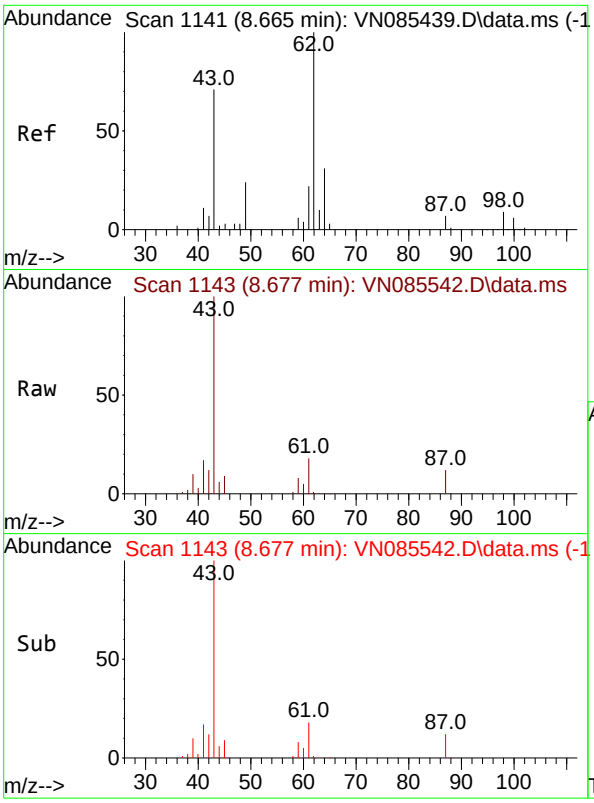


#38
Carbon Tetrachloride
Concen: 5.141 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion:117 Resp: 18662

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.4	113.2#
121	0.0	24.6	37.0#



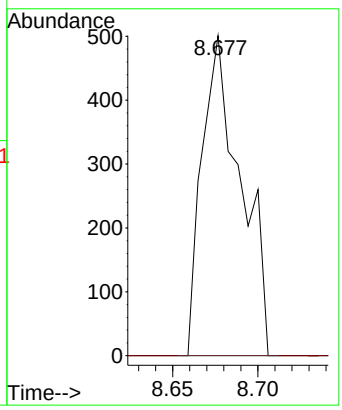


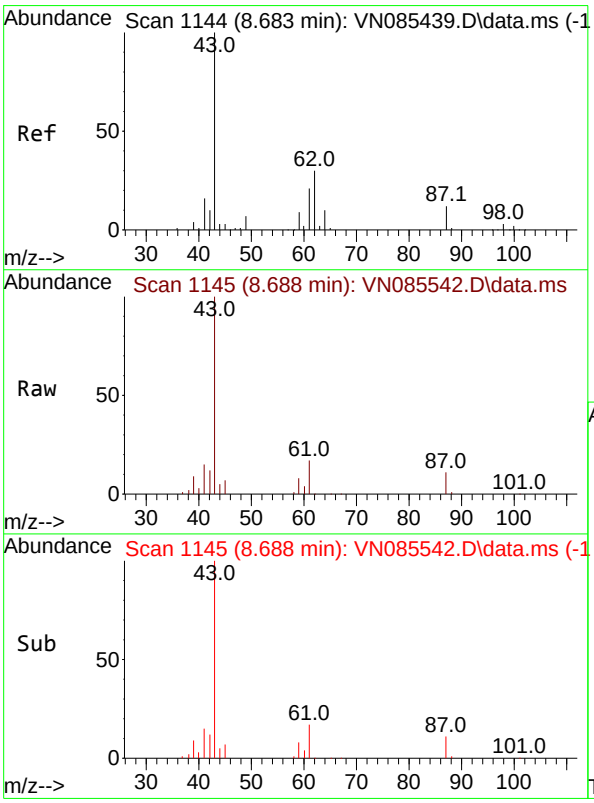
#42
1,2-Dichloroethane
Concen: 0.220 ug/l
RT: 8.677 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 62 Resp: 791

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0

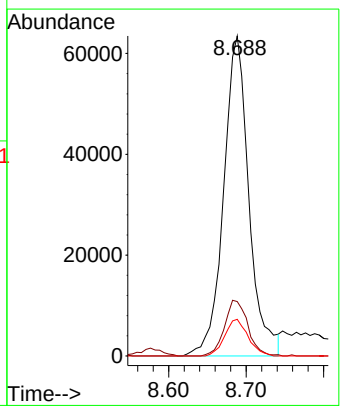


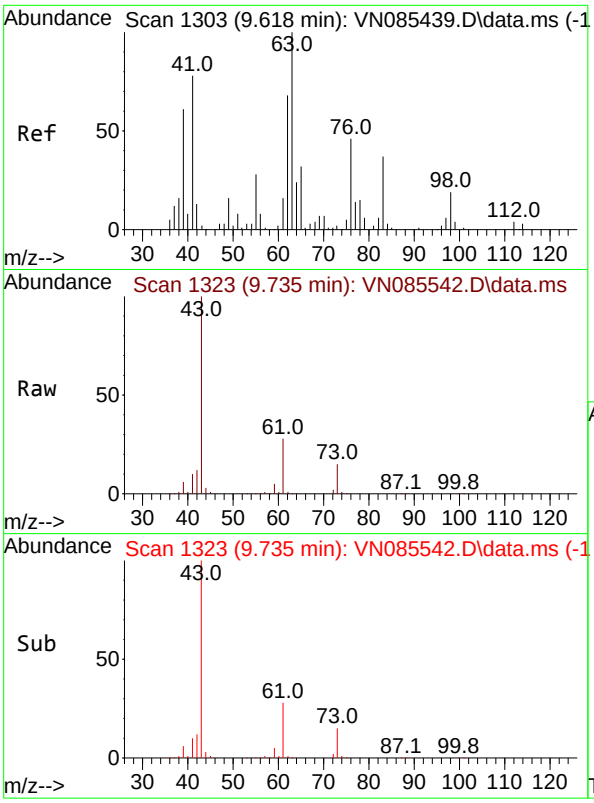


#43
Isopropyl Acetate
Concen: 28.134 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 43 Resp: 144272

Ion	Ratio	Lower	Upper
43	100		
61	16.1	20.7	31.1#
87	10.5	9.8	14.8



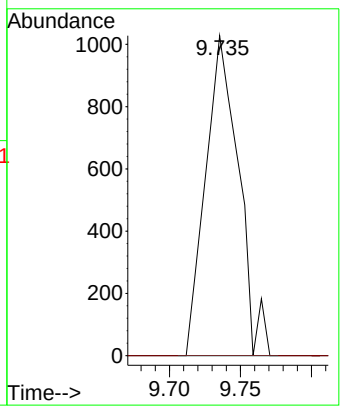


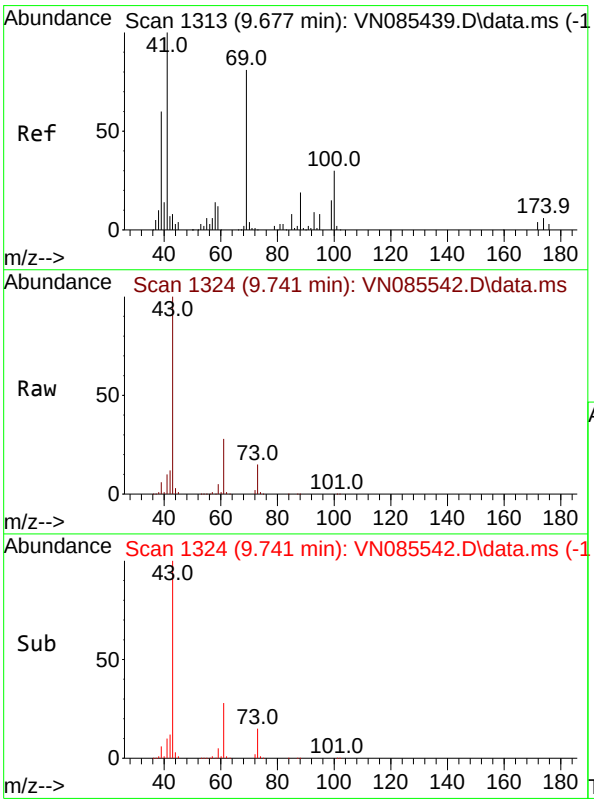
#45
1,2-Dichloropropane
Concen: 0.681 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 63 Resp: 1656

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

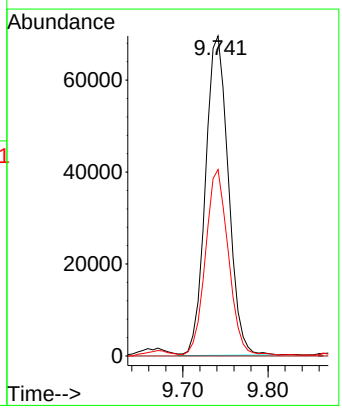


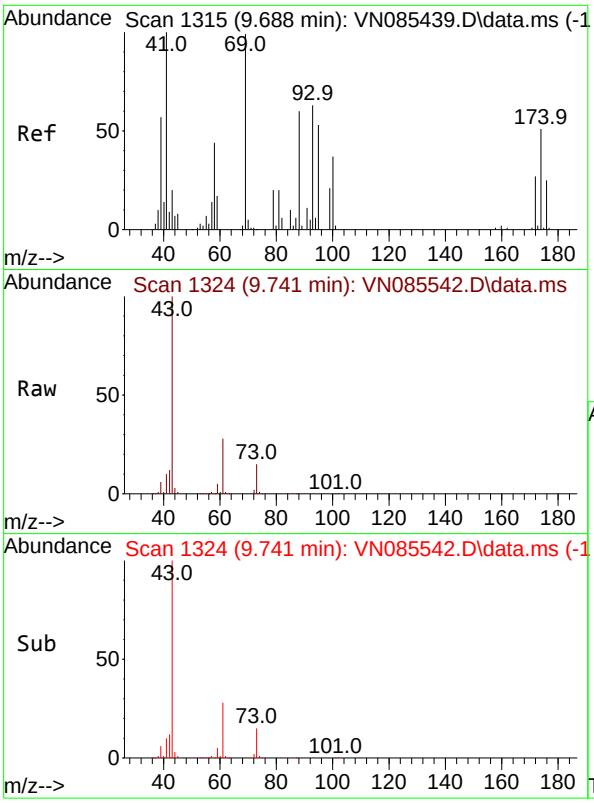


#48
Methyl methacrylate
Concen: 56.104 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.064 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 41 Resp: 129471

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	58.5	49.0	73.6



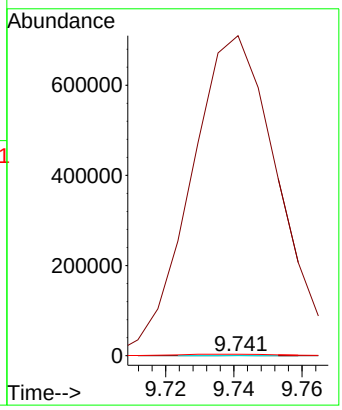


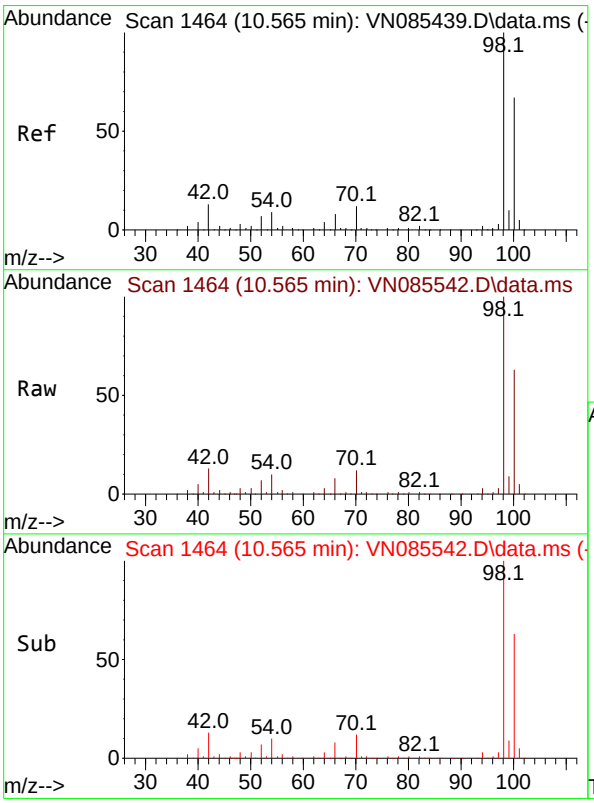
#49
1,4-Dioxane
Concen: 3.757 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 88 Resp: 146

Ion	Ratio	Lower	Upper
88	100		
43	873539.7	26.6	39.8#
58	4752.1	59.5	89.3#

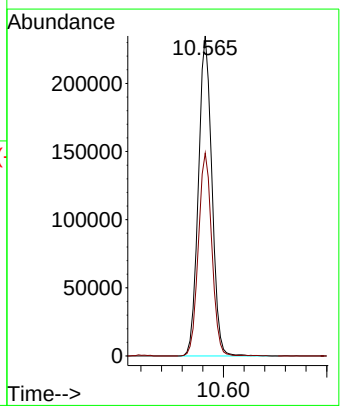


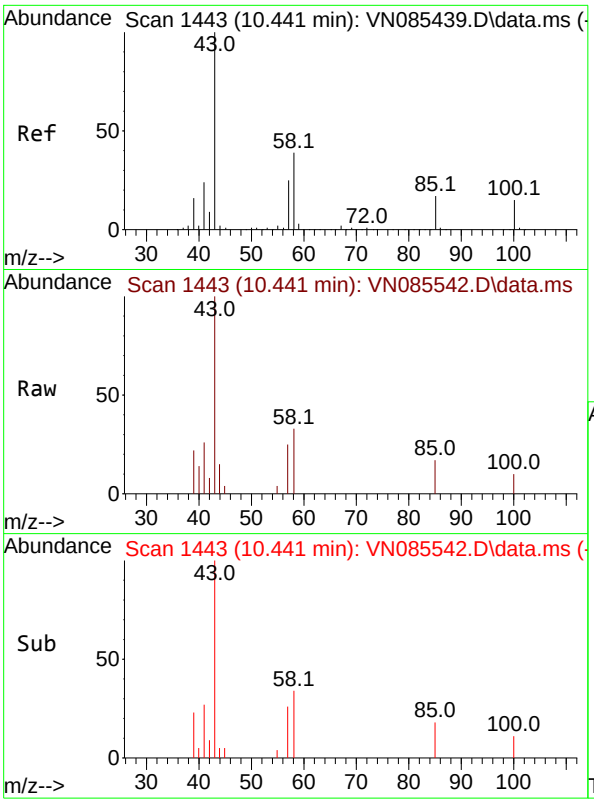


#50
Toluene-d8
Concen: 52.965 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 98 Resp: 425129

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.2	78.4



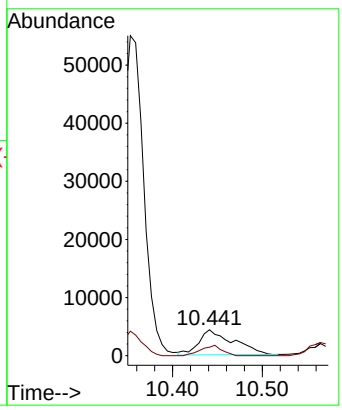


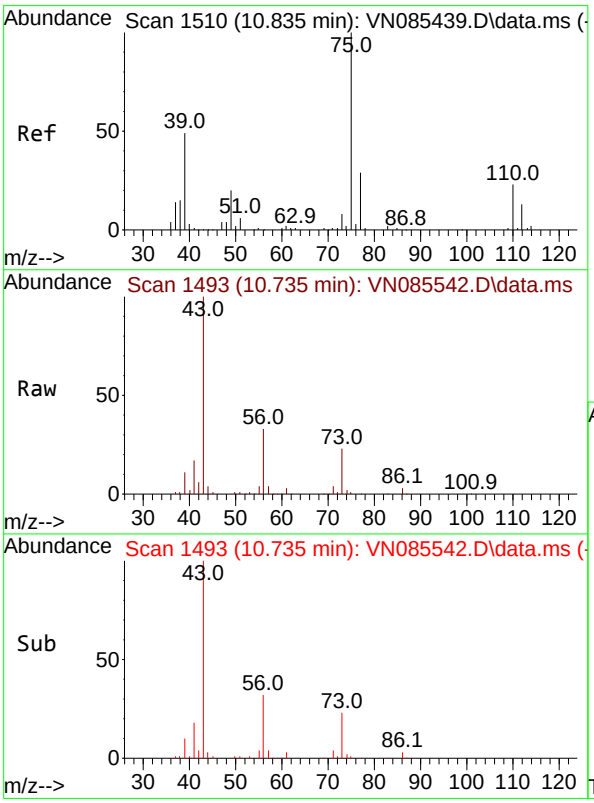
#51
4-Methyl-2-Pentanone
Concen: 3.869 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 43 Resp: 11514

Ion	Ratio	Lower	Upper
43	100		
58	25.1	30.5	45.7#

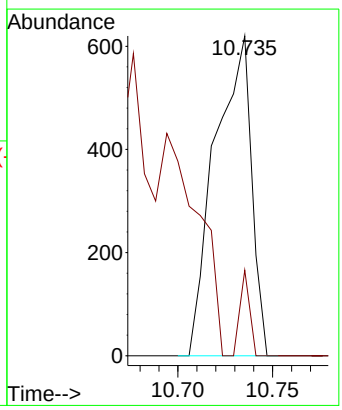


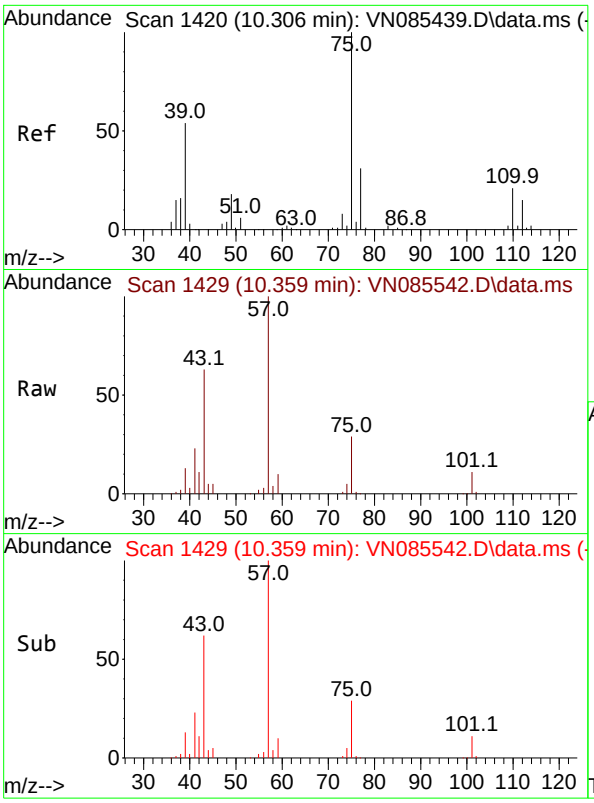


#53
t-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.100 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 75 Resp: 828

Ion	Ratio	Lower	Upper
75	100		
77	26.8	23.5	35.3



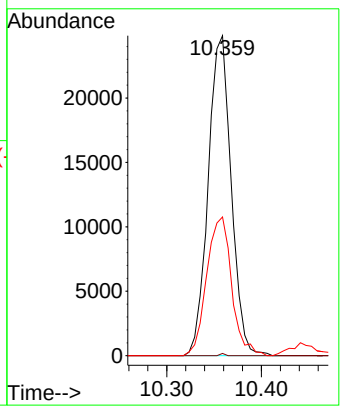


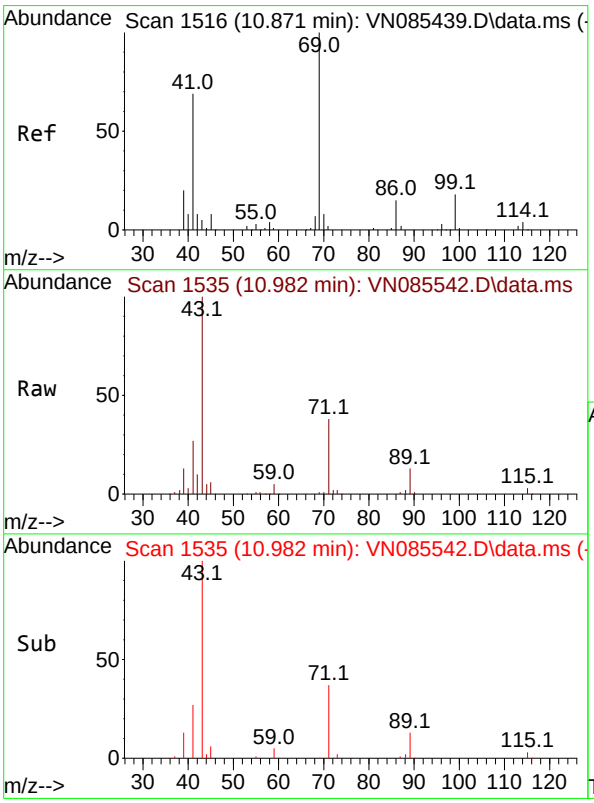
#54
cis-1,3-Dichloropropene
Concen: 11.600 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 75 Resp: 41886

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.4#
39	43.3	43.1	64.7

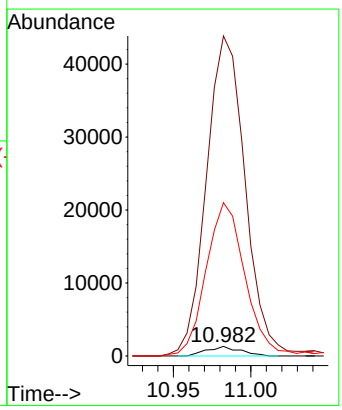


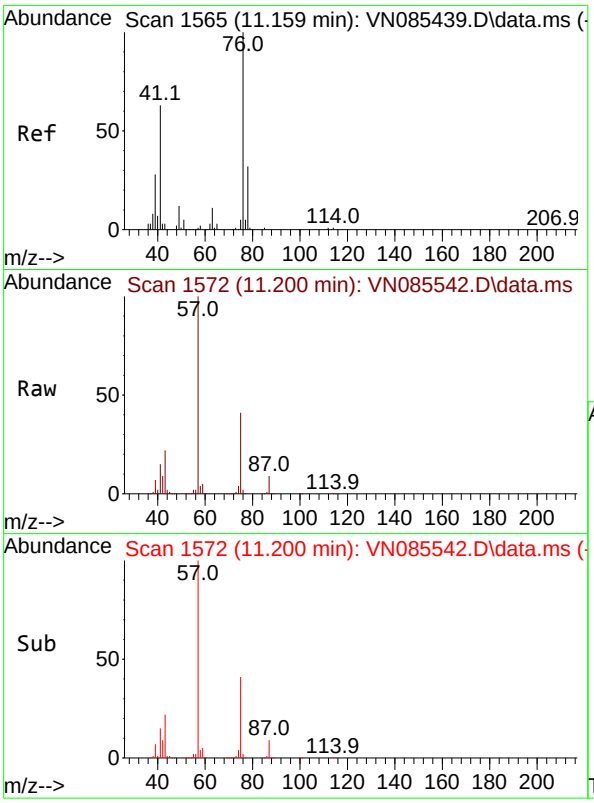


#56
Ethyl methacrylate
Concen: 2.442 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.111 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 69 Resp: 1954

Ion	Ratio	Lower	Upper
69	100		
41	3905.7	54.6	82.0#
39	1887.3	32.4	48.6#



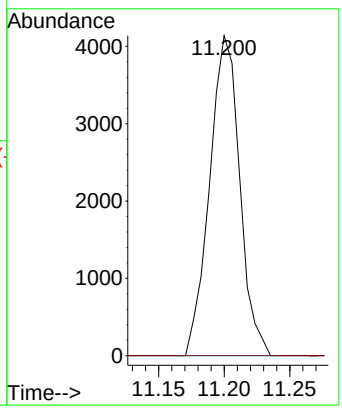


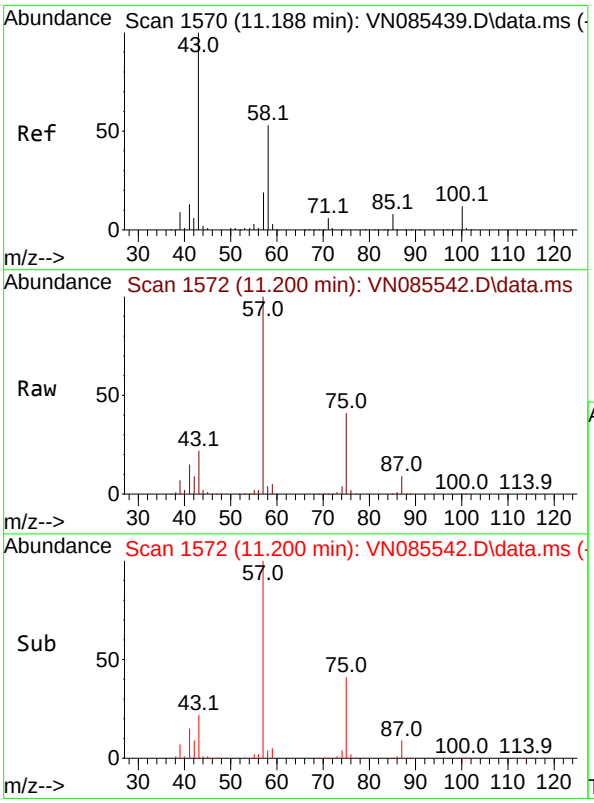
#57
1,3-Dichloropropane
Concen: 1.740 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 76 Resp: 6611

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

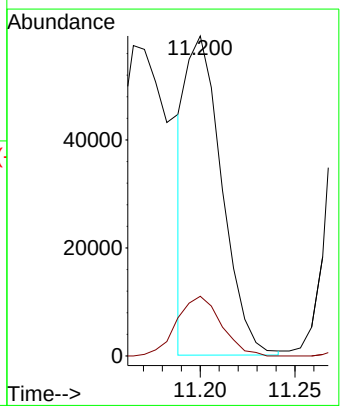


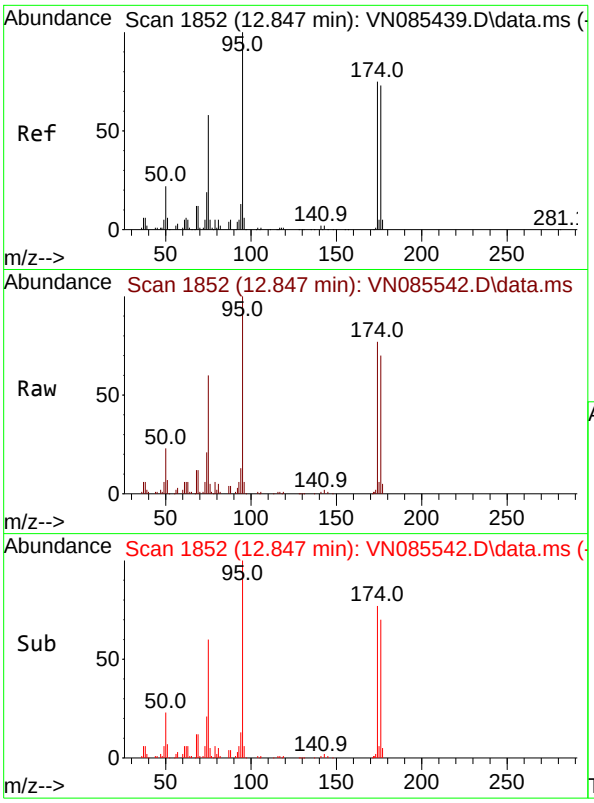


#59
2-Hexanone
Concen: 37.174 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 43 Resp: 77833

Ion	Ratio	Lower	Upper
43	100		
58	23.2	26.2	78.6#



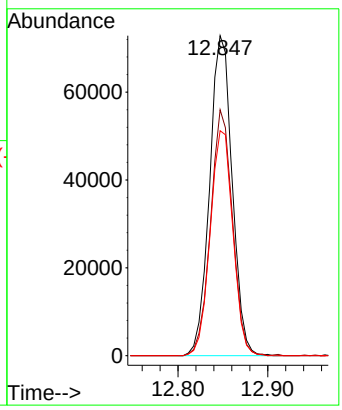


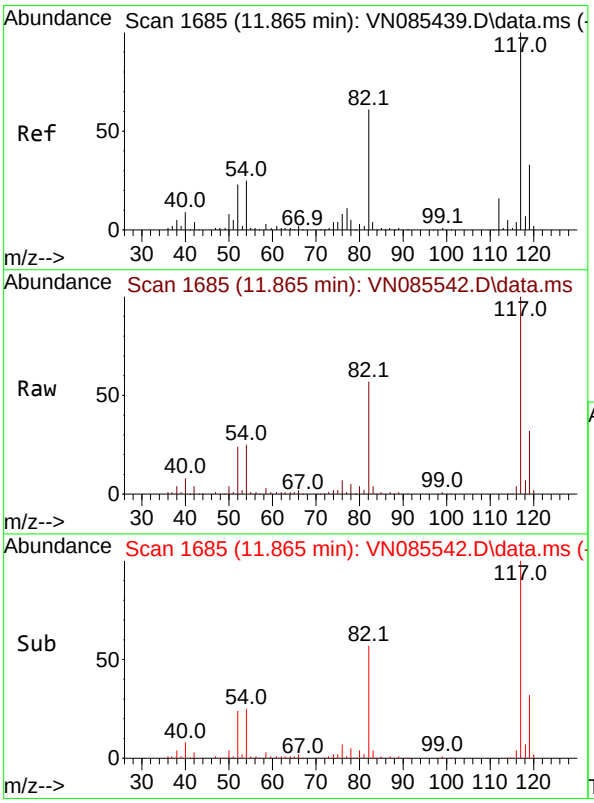
#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 95 Resp: 127048

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	145.0
176	70.7	0.0	142.4

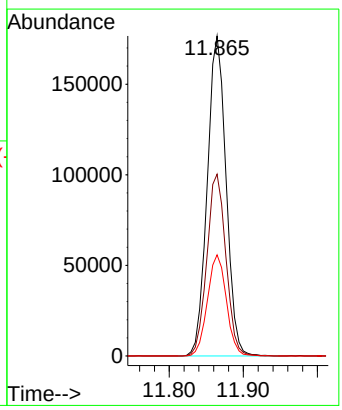


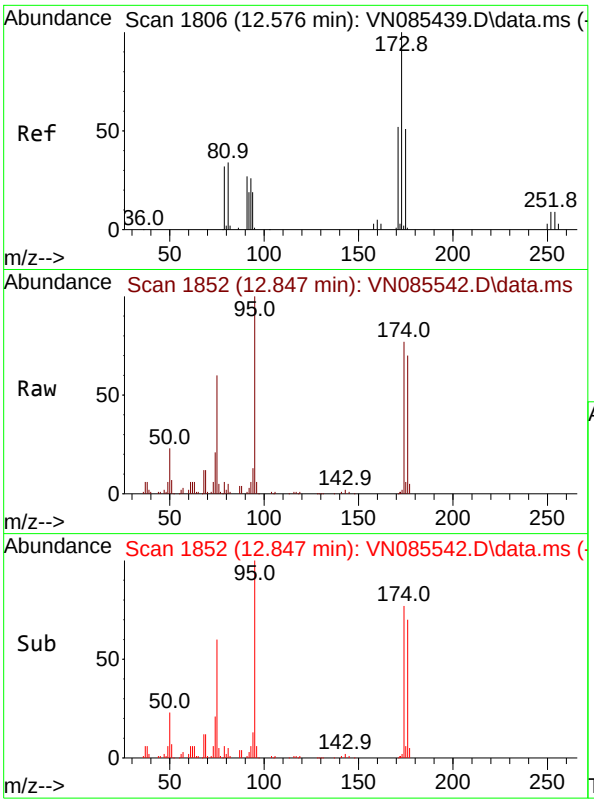


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion:117 Resp: 311195

Ion	Ratio	Lower	Upper
117	100		
82	56.8	48.6	72.8
119	31.6	26.6	39.8



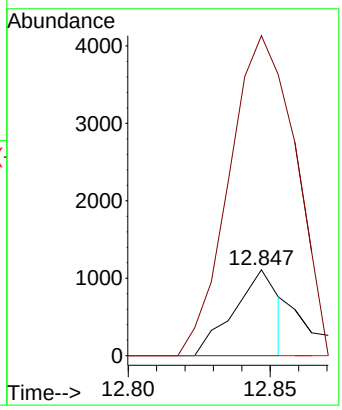


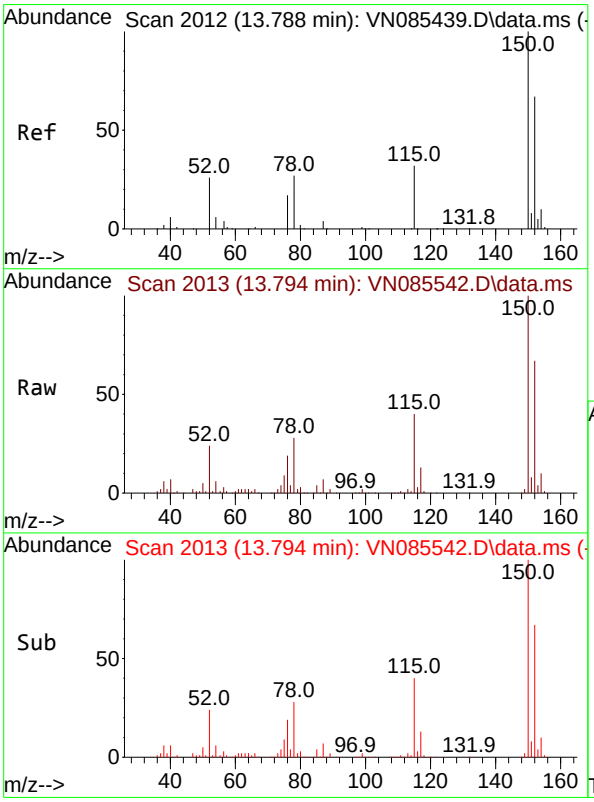
#71
Bromoform
Concen: 0.675 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.271 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion:173 Resp: 1209

Ion	Ratio	Lower	Upper
173	100		
175	435.5	24.4	73.2#
254	0.0	0.0	0.0

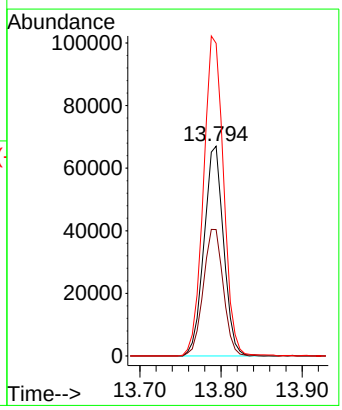


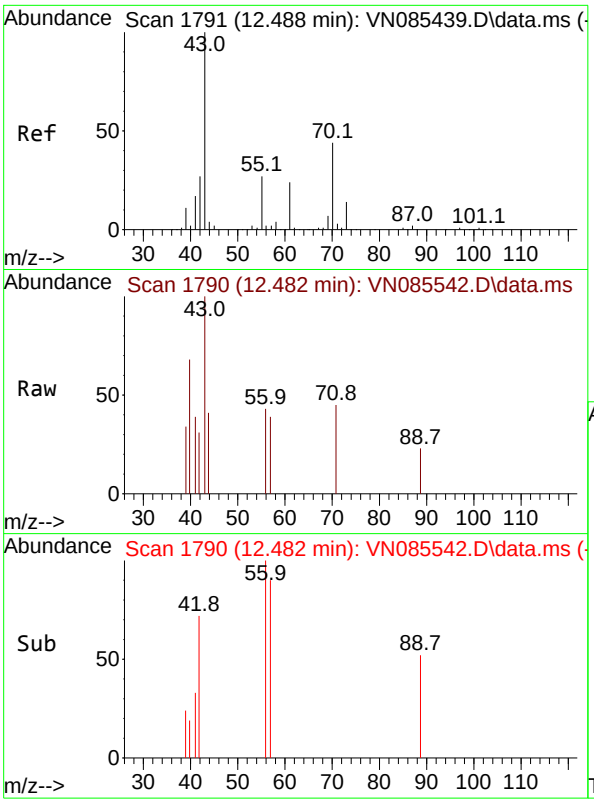


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion:152 Resp: 112270

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.1	93.3
150	156.3	0.0	343.6



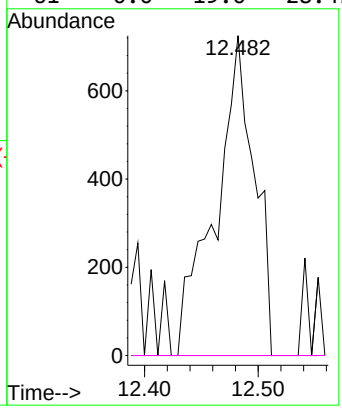


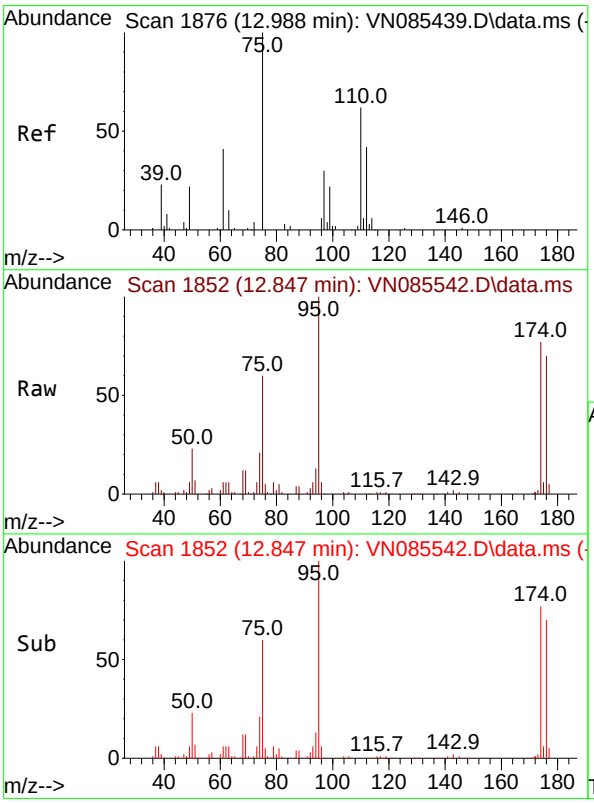
#74
N-amyl acetate
Concen: 0.509 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 43 Resp: 1734

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	0.0	21.4	32.2#
61	0.0	19.0	28.4#

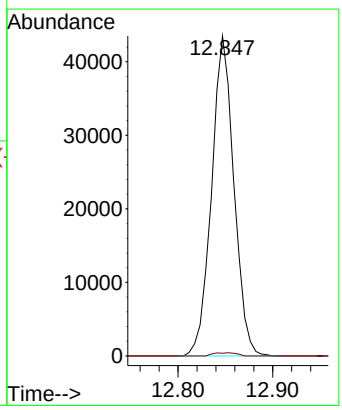


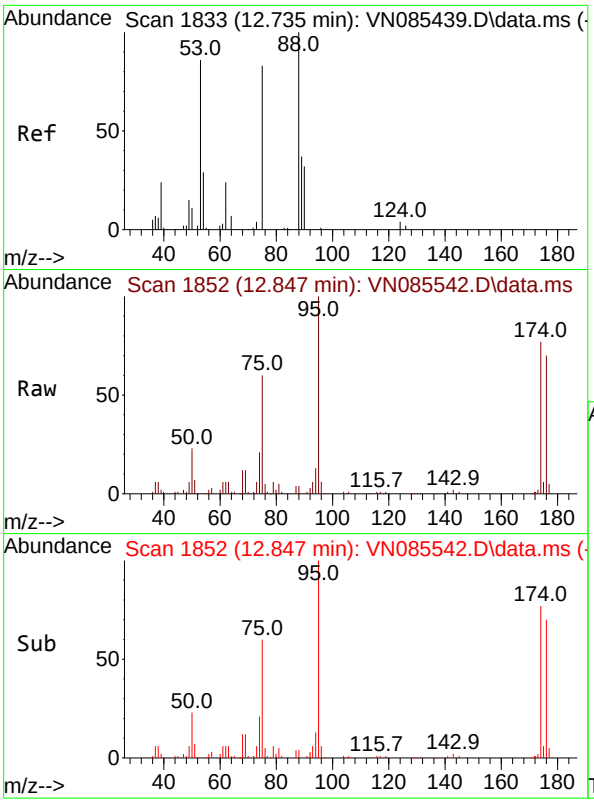


#76
1,2,3-Trichloropropane
Concen: 31.197 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Tgt Ion: 75 Resp: 71188

Ion	Ratio	Lower	Upper
75	100		
77	1.0	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.405 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085542.D
Acq: 28 Jan 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB166233ZHE#12

Tgt Ion: 75 Resp: 71188

Ion	Ratio	Lower	Upper
75	100		
53	0.0	95.6	143.4#
89	0.0	37.0	55.6#