Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
Data File : VN087981.D
Acq On : 29 Sep 2025 14:46
Operator : JC\MD
Sample : Q3208-12RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Quant Time: Sep 30 03:55:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	176898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	386906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	391953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	170658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	163027	54.761	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	8.147	113	134087	47.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	10.547	98	478748	48.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.829	95	155741	44.106	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.220%			
Target Compounds						Qvalue
5) Bromomethane	2.995	94	1044	0.787	ug/l	91
11) Tert butyl alcohol	5.518	59	673	1.569	ug/l #	93
13) Acrolein	4.177	56	208	0.378	ug/l	93
16) Acetone	4.430	43	78560	64.136	ug/l	93
17) Carbon Disulfide	4.706	76	1902	0.328	ug/l #	76
18) Methyl Acetate	5.024	43	9118	2.974	ug/l #	74
20) Methylene Chloride	5.271	84	34052	13.734	ug/l	95
25) 2-Butanone	7.488	43	9136	4.880	ug/l #	81
29) Tetrahydrofuran	7.830	42	1673	1.396	ug/l #	36
31) Cyclohexane	8.206	56	5078	1.521	ug/l #	44
36) 1,1-Dichloropropene	8.206	75	15753	4.664	ug/l #	48
37) Ethyl Acetate	7.547	43	4295	0.968	ug/l #	78
38) Carbon Tetrachloride	8.212	117	19837	5.118	ug/l #	18
41) Methacrylonitrile	7.824	41	667	0.291	ug/l #	47
43) Isopropyl Acetate	8.682	43	17276	2.474	ug/l #	88
48) Methyl methacrylate	9.729	41	80794	24.988	ug/l #	42
49) 1,4-Dioxane	9.729	88	53	1.110	ug/l #	1
51) 4-Methyl-2-Pentanone	10.429	43	7670	1.760	ug/l	92
54) cis-1,3-Dichloropropene	10.335	75	34457	7.468	ug/l #	66
57) 1,3-Dichloropropane	11.194	76	2210	0.471	ug/l #	42
59) 2-Hexanone	11.182	43	46500	16.141	ug/l #	51
76) 1,2,3-Trichloropropane	12.829	75	84056	24.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	84056	69.384	ug/l #	9
89) n-Butylbenzene	14.041	91	2089	0.230	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.364	180	916	0.293	ug/l #	82
94) Hexachlorobutadiene	15.470	225	762	0.662	ug/l #	32
95) Naphthalene	15.623	128	2530	0.252	ug/l #	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
Data File : VN087981.D
Acq On : 29 Sep 2025 14:46
Operator : JC\MD
Sample : Q3208-12RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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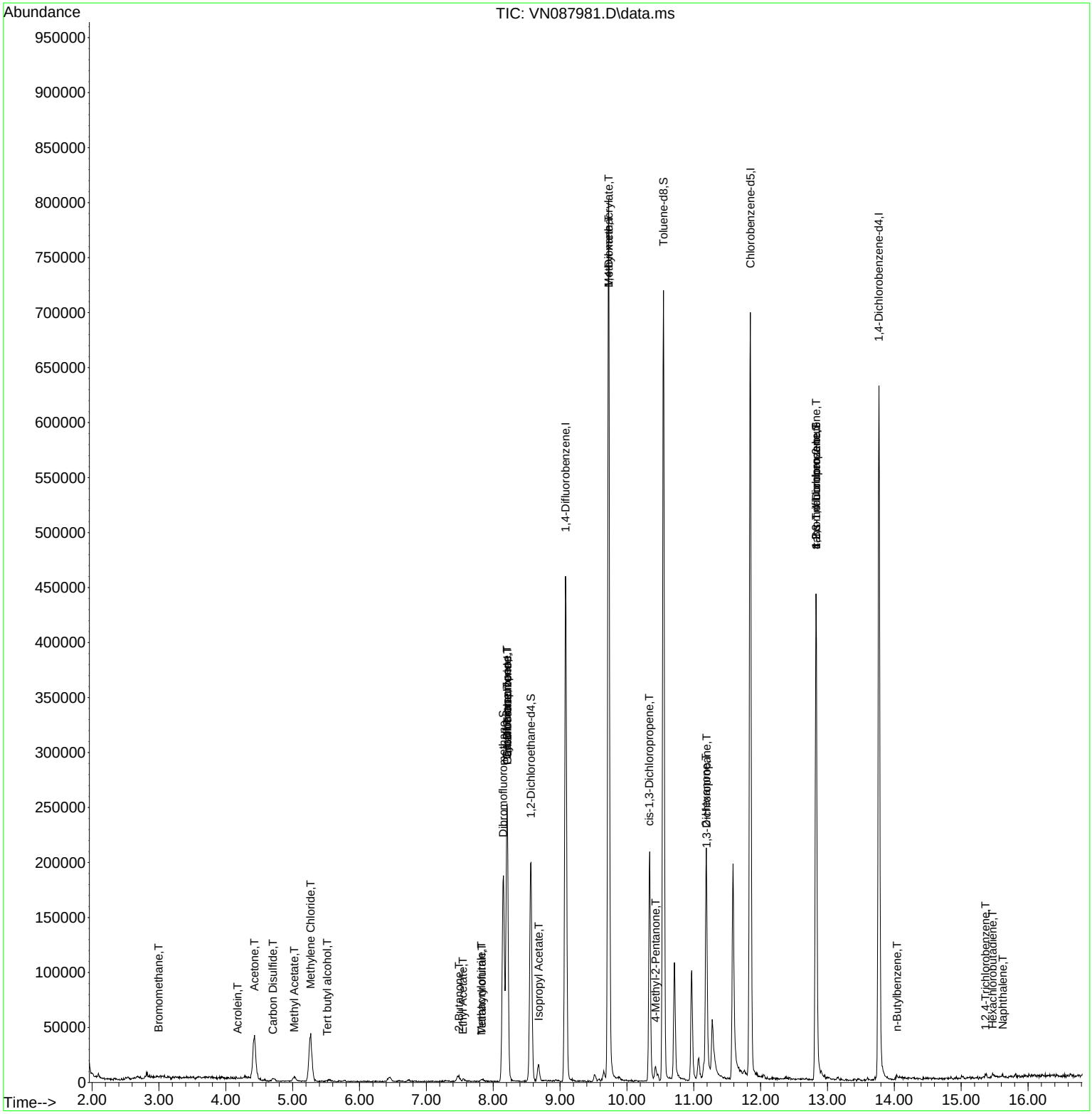
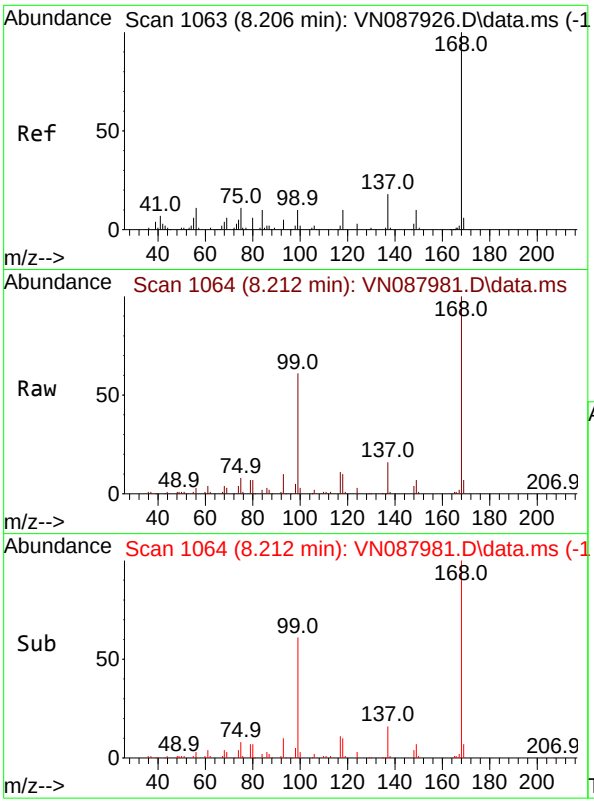
ClientSampleId :
SU-ESM-COMP-02

Quant Time: Sep 30 03:55:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration



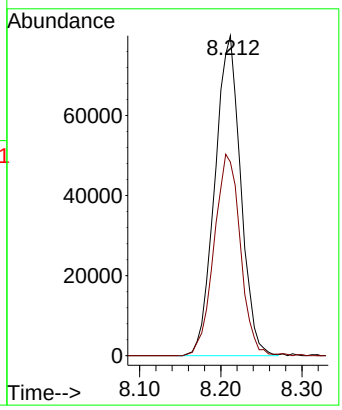


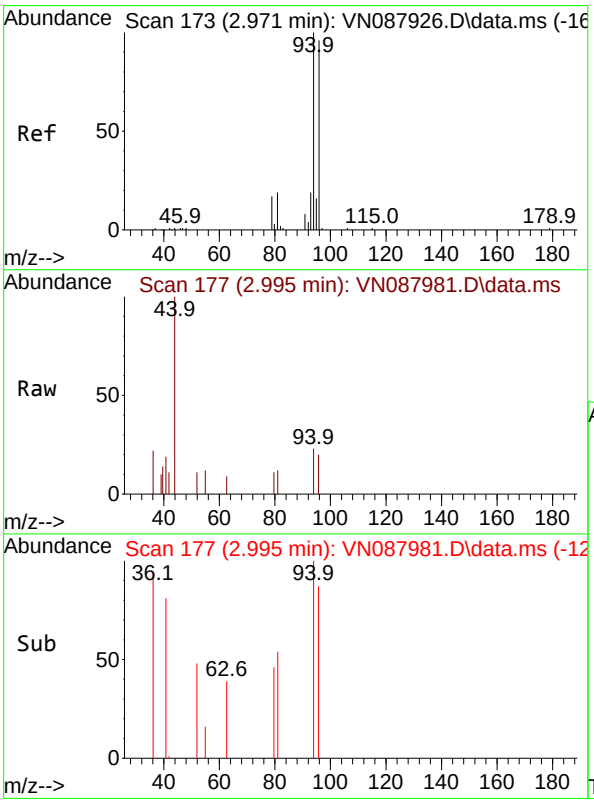
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:168 Resp: 176898

Ion	Ratio	Lower	Upper
168	100		
99	60.5	52.2	78.2

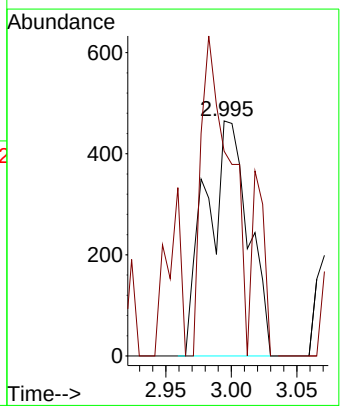


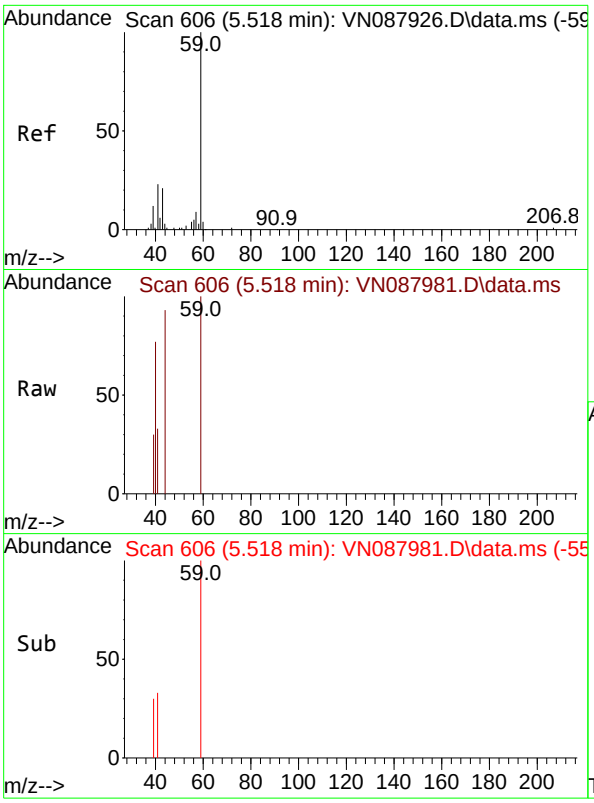


#5
Bromomethane
Concen: 0.787 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 94 Resp: 1044

Ion	Ratio	Lower	Upper
94	100		
96	87.1	76.8	115.2



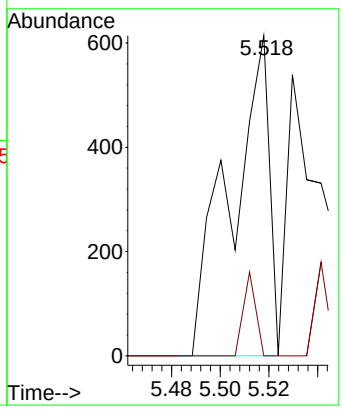


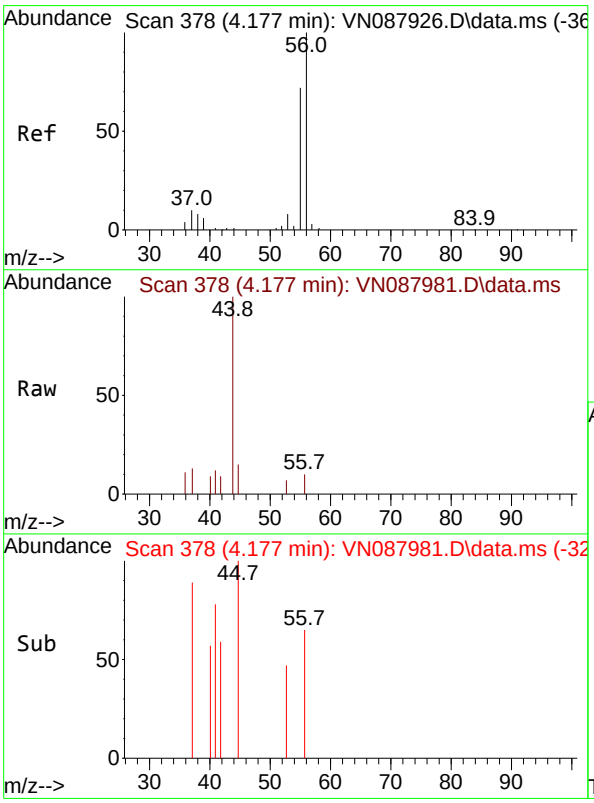
#11
Tert butyl alcohol
Concen: 1.569 ug/l
RT: 5.518 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 59 Resp: 673

Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.8	13.2#

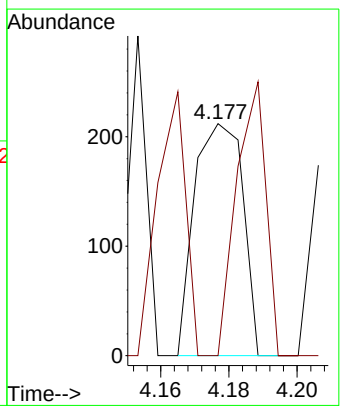


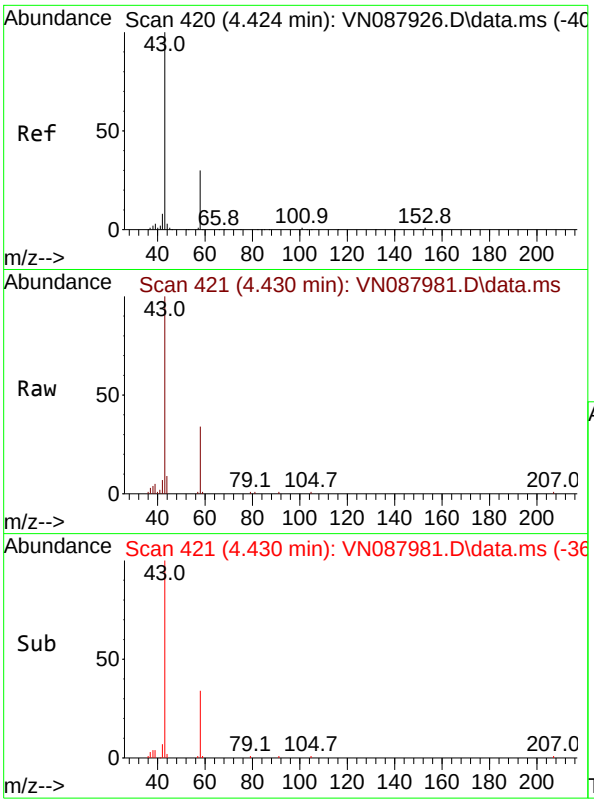


#13
Acrolein
Concen: 0.378 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 56 Resp: 208

Ion	Ratio	Lower	Upper
56	100		
55	67.8	59.3	88.9



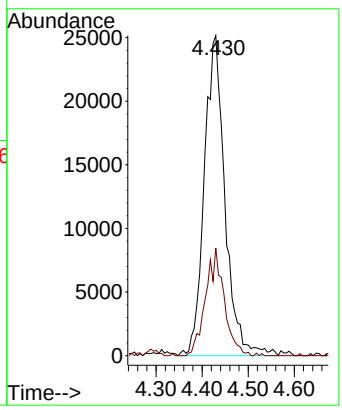


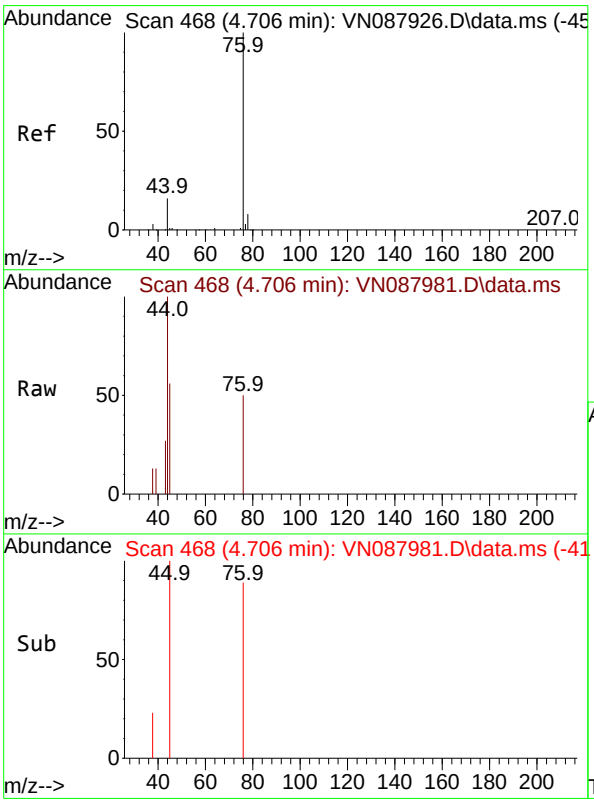
#16
Acetone
Concen: 64.136 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 78560

Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.1	36.1

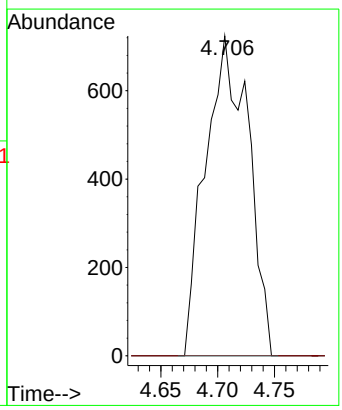


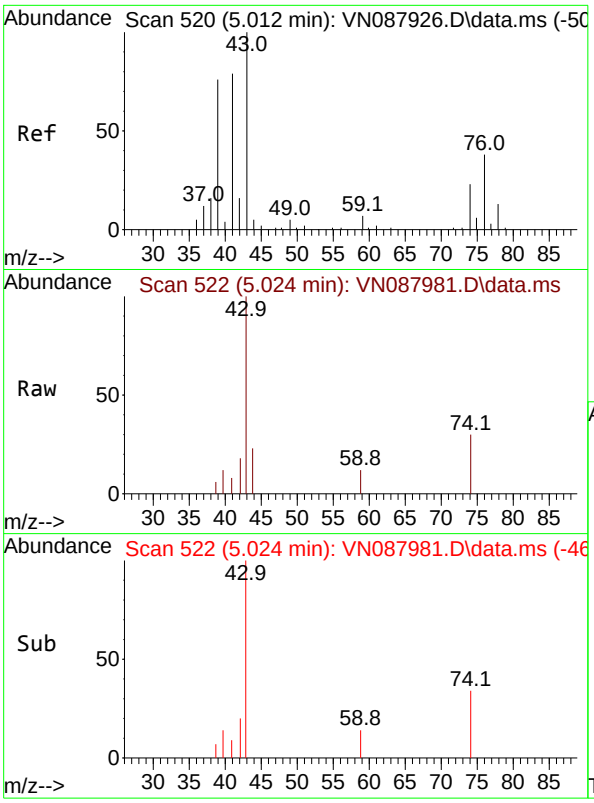


#17
Carbon Disulfide
Concen: 0.328 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 76 Resp: 1902

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	10.1#



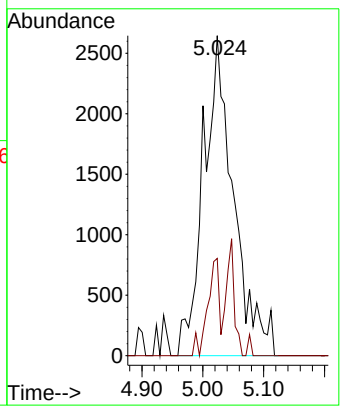


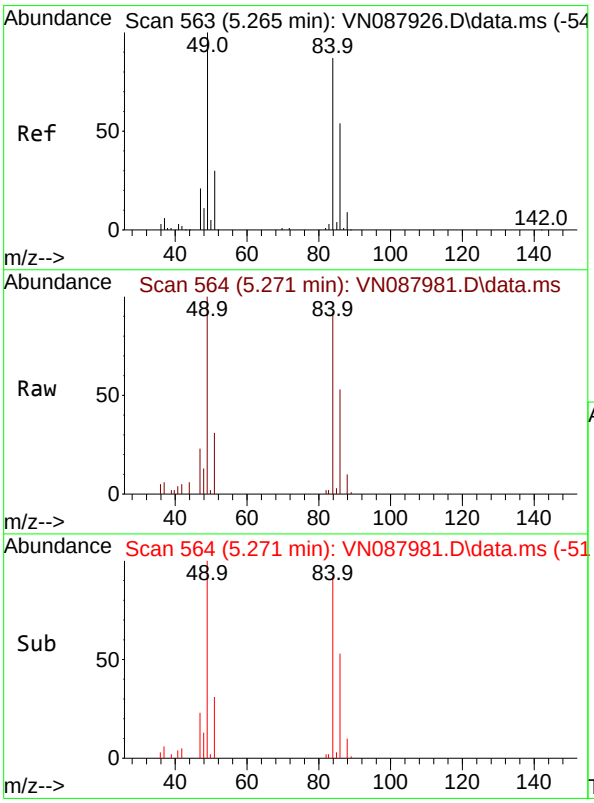
#18
Methyl Acetate
Concen: 2.974 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 9118

Ion	Ratio	Lower	Upper
43	100		
74	11.7	19.7	29.5#

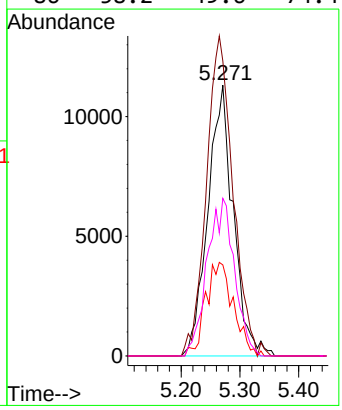


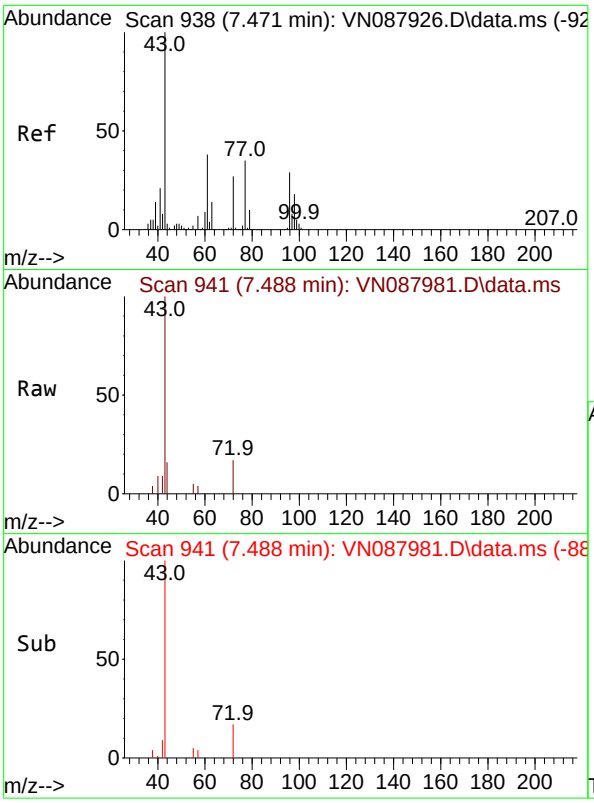


#20
Methylene Chloride
Concen: 13.734 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 84 Resp: 34052

Ion	Ratio	Lower	Upper
84	100		
49	108.9	92.1	138.1
51	33.7	27.7	41.5
86	58.2	49.6	74.4



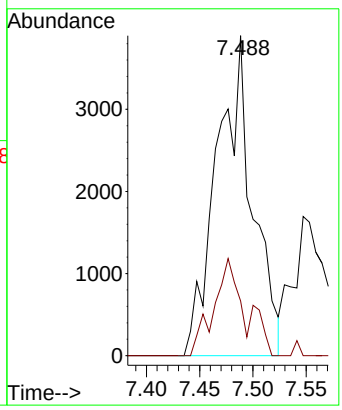


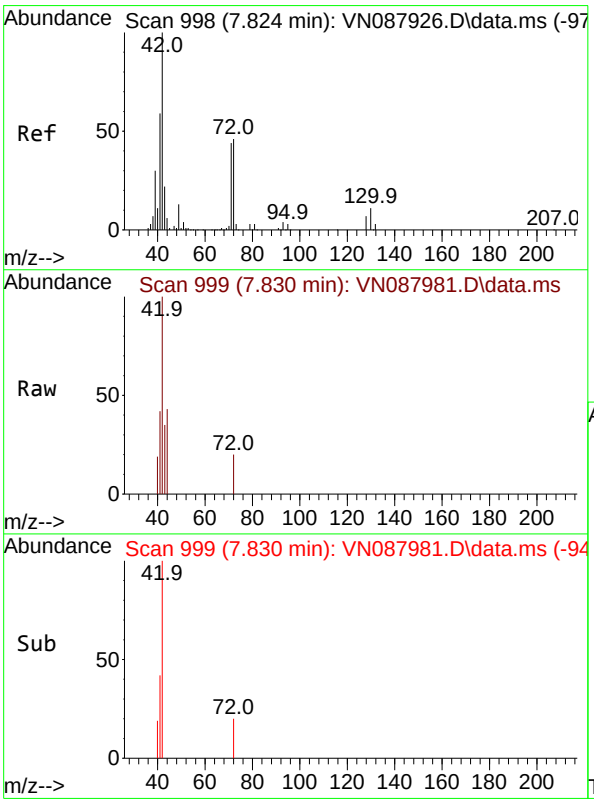
#25
2-Butanone
Concen: 4.880 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 9136

Ion	Ratio	Lower	Upper
43	100		
72	17.1	21.5	32.3#

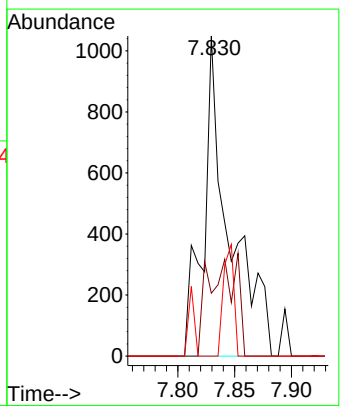


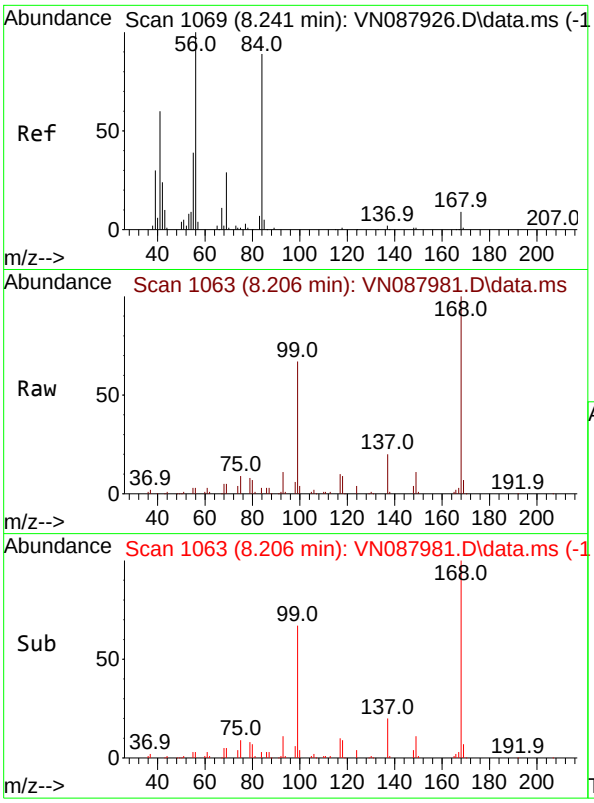


#29
Tetrahydrofuran
Concen: 1.396 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 42 Resp: 1673

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.5	54.7#
71	4.8	33.8	50.8#



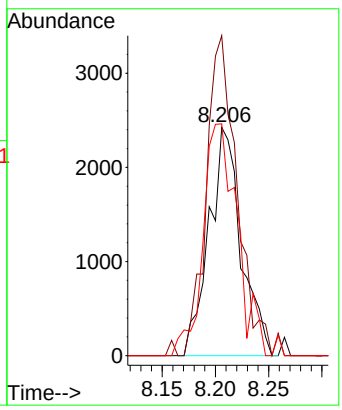


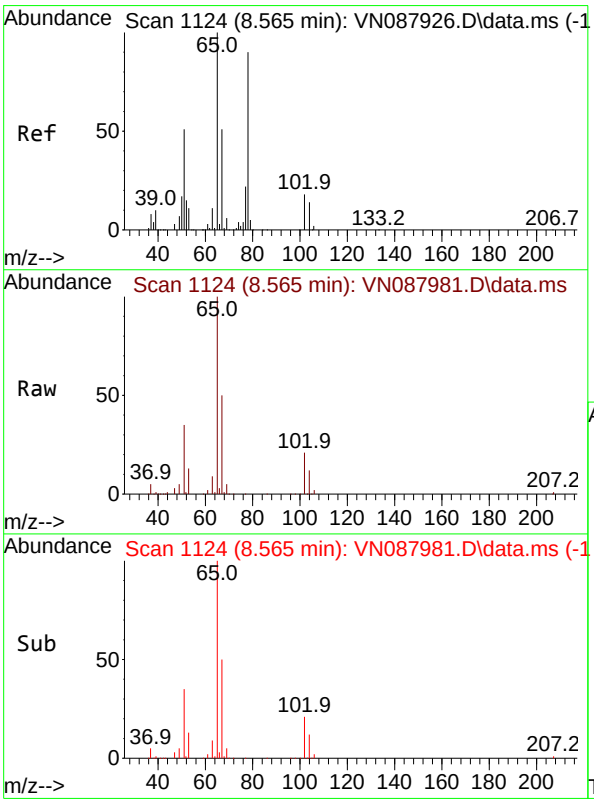
#31
Cyclohexane
Concen: 1.521 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 56 Resp: 5078

Ion	Ratio	Lower	Upper
56	100		
69	140.1	23.4	35.0#
84	94.1	70.8	106.2

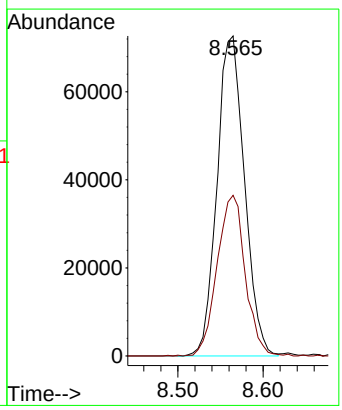


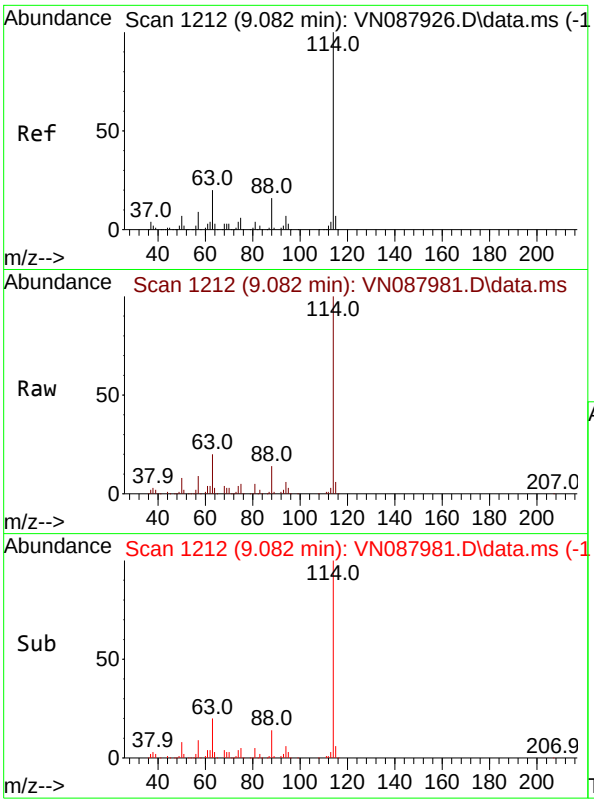


#33
1,2-Dichloroethane-d4
Concen: 54.761 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 65 Resp: 163027

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4



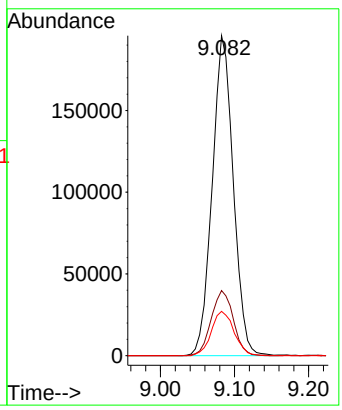


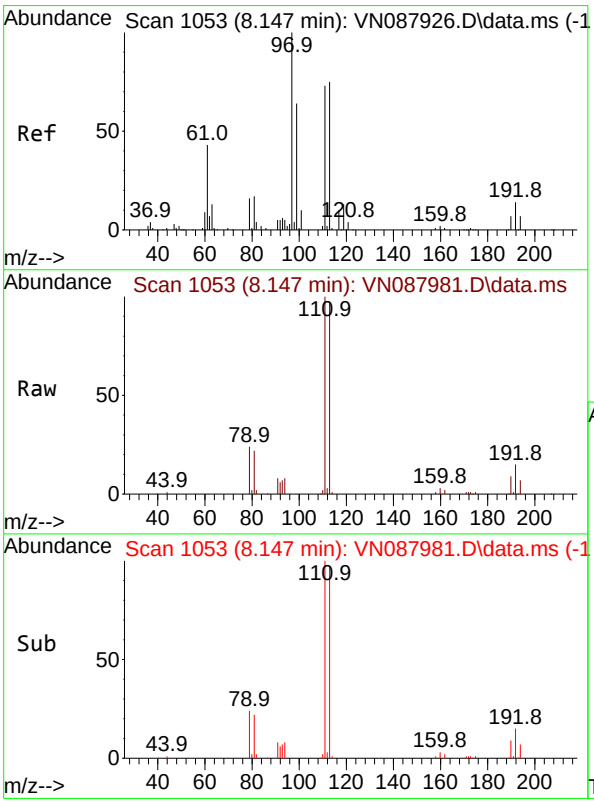
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:114 Resp: 386906

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.0
88	13.9	0.0	31.8

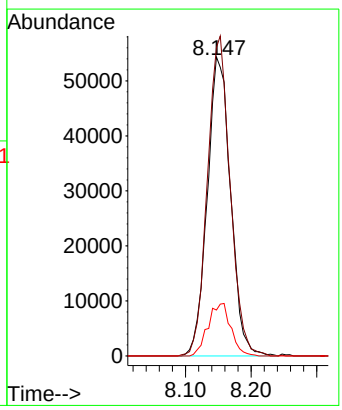


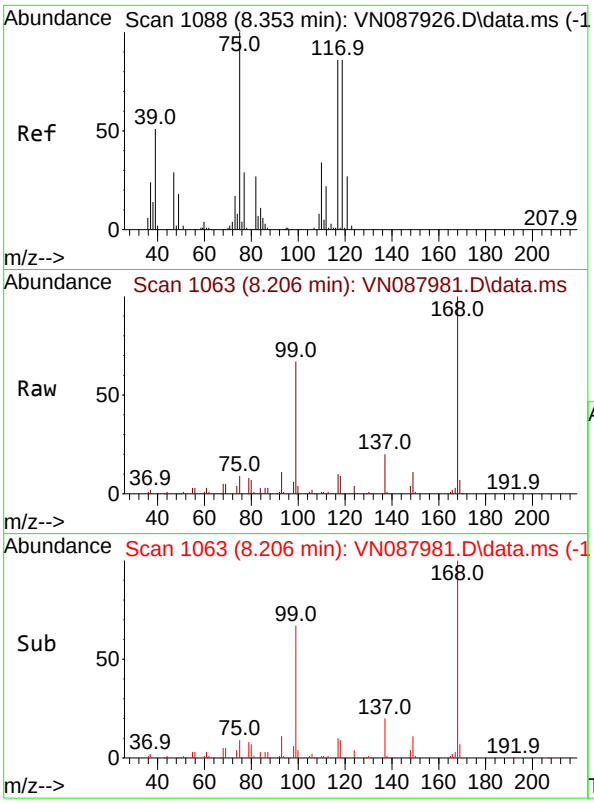


#35
Dibromofluoromethane
Concen: 47.732 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion:113 Resp: 134087

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	17.2	14.2	21.2



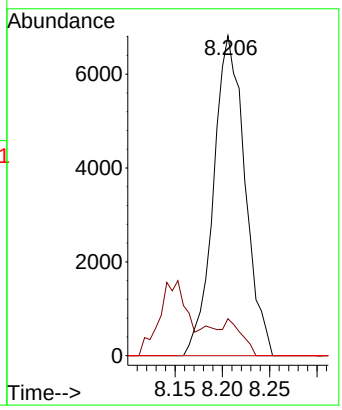


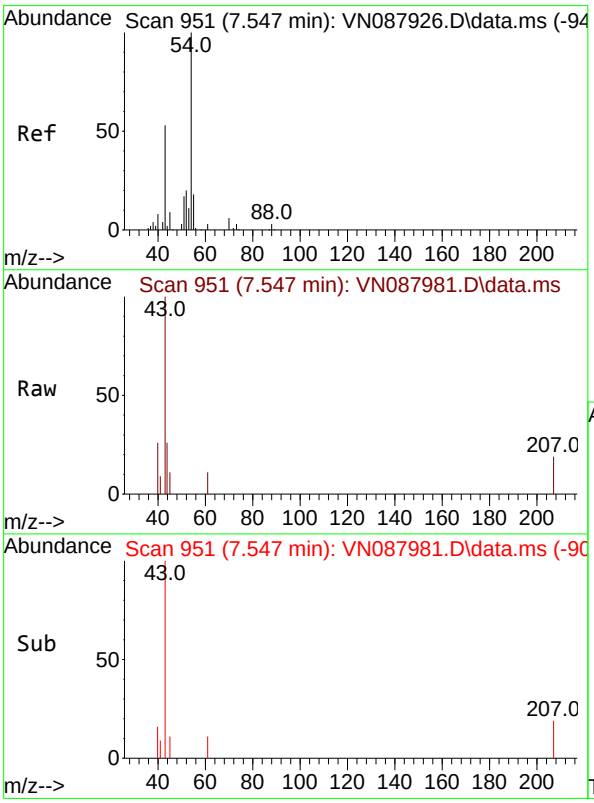
#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 75 Resp: 15753

Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.1	51.3#
77	0.0	24.8	37.2#

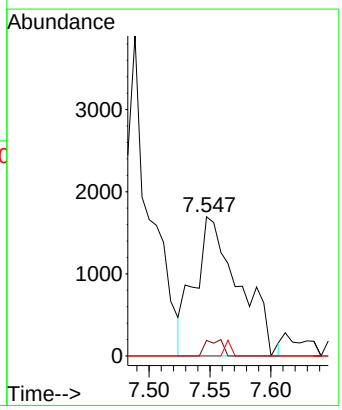


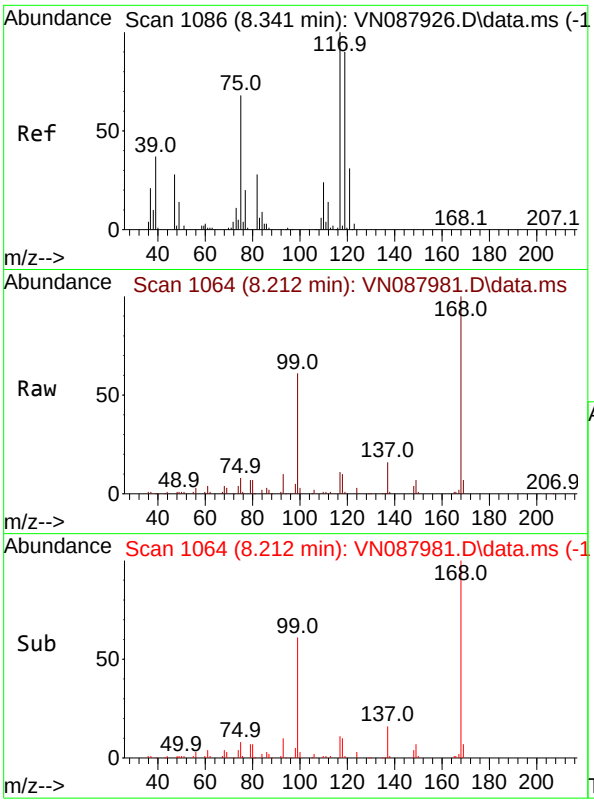


#37
Ethyl Acetate
Concen: 0.968 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 43 Resp: 4295

Ion	Ratio	Lower	Upper
43	100		
61	4.5	10.7	16.1#
70	1.6	7.8	11.8#



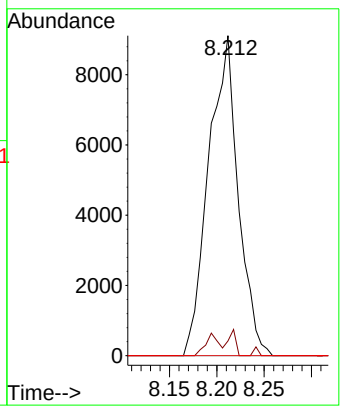


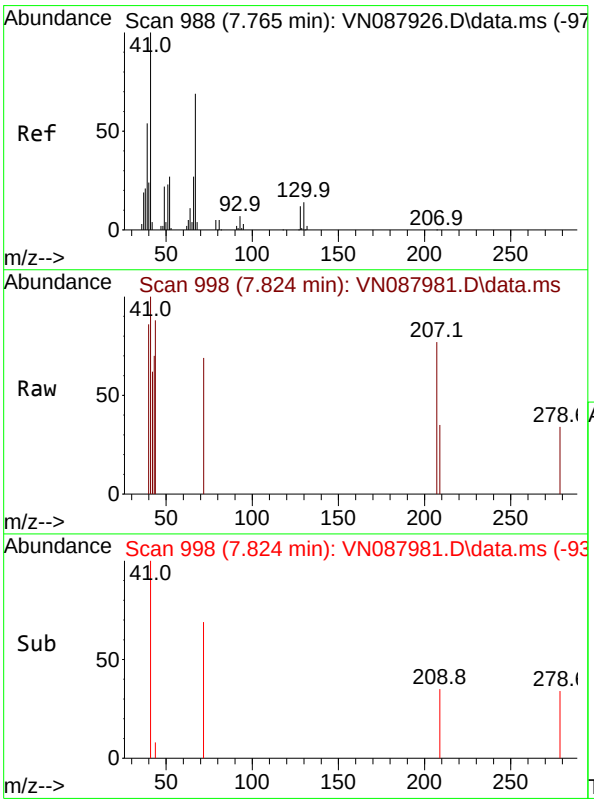
#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.130 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:117 Resp: 19837

Ion	Ratio	Lower	Upper
117	100		
119	4.6	72.1	108.1#
121	0.0	24.6	36.8#

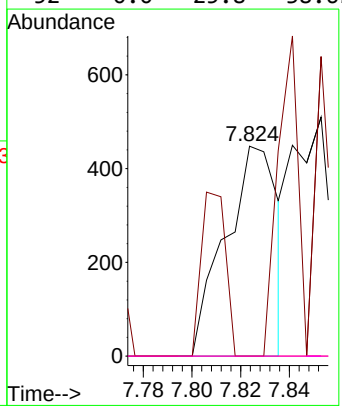


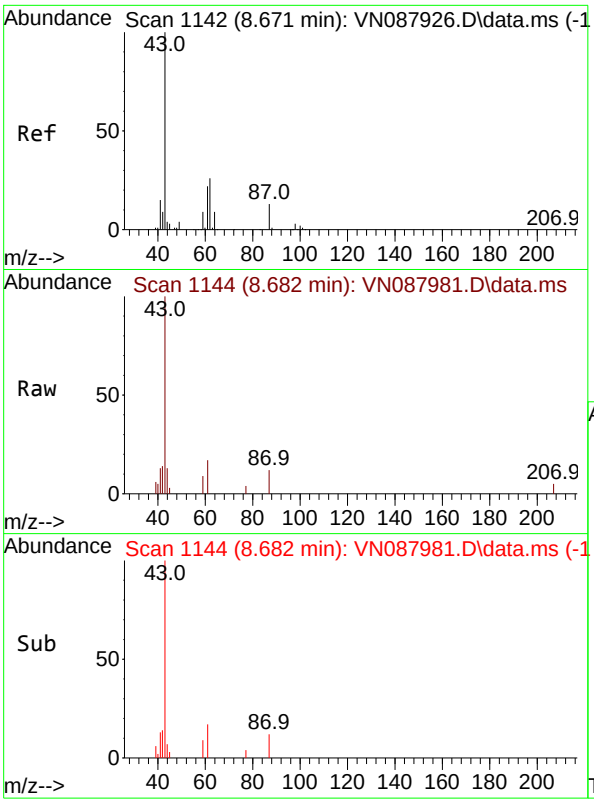


#41
Methacrylonitrile
Concen: 0.291 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.059 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 41 Resp: 667

Ion	Ratio	Lower	Upper
41	100		
39	59.2	43.5	65.3
67	0.0	57.6	86.4#
52	0.0	25.8	38.6#



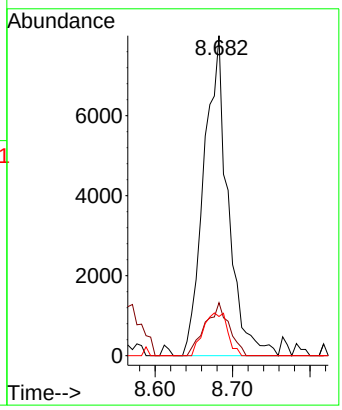


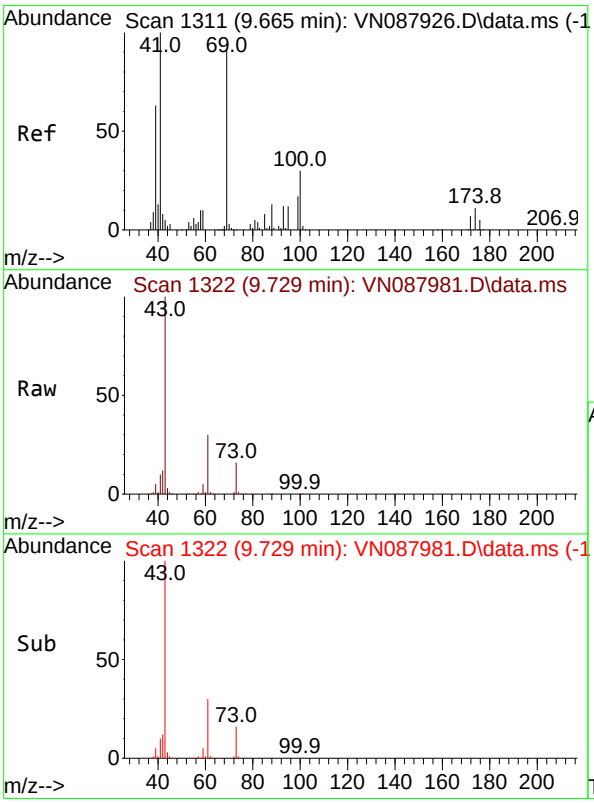
#43
Isopropyl Acetate
Concen: 2.474 ug/l
RT: 8.682 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 17276

Ion	Ratio	Lower	Upper
43	100		
61	16.4	20.2	30.2#
87	13.5	10.9	16.3

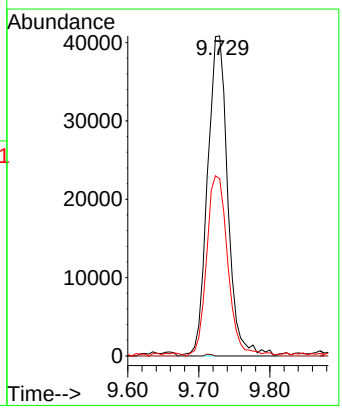


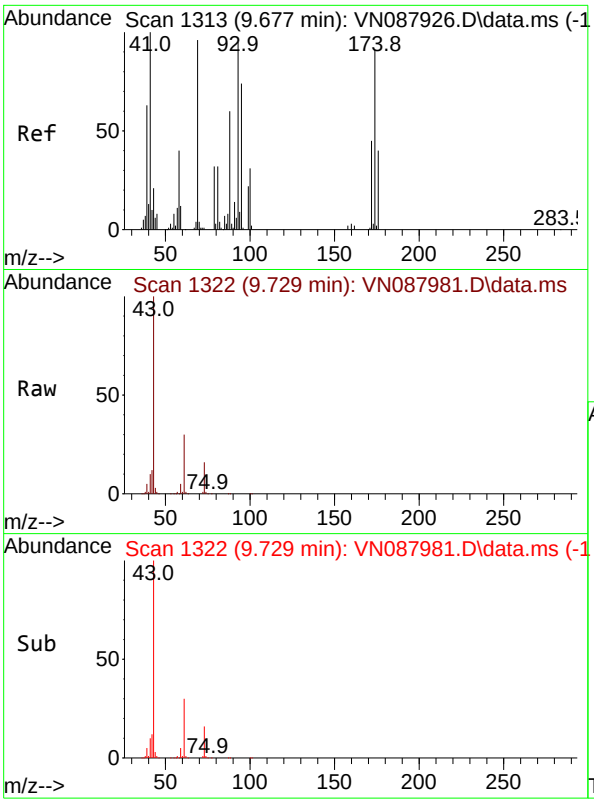


#48
Methyl methacrylate
Concen: 24.988 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.065 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 41 Resp: 80794

Ion	Ratio	Lower	Upper
41	100		
69	0.2	70.9	106.3#
39	59.0	52.9	79.3



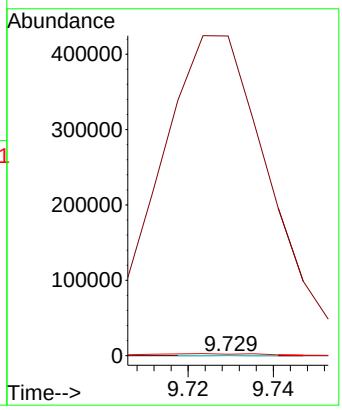


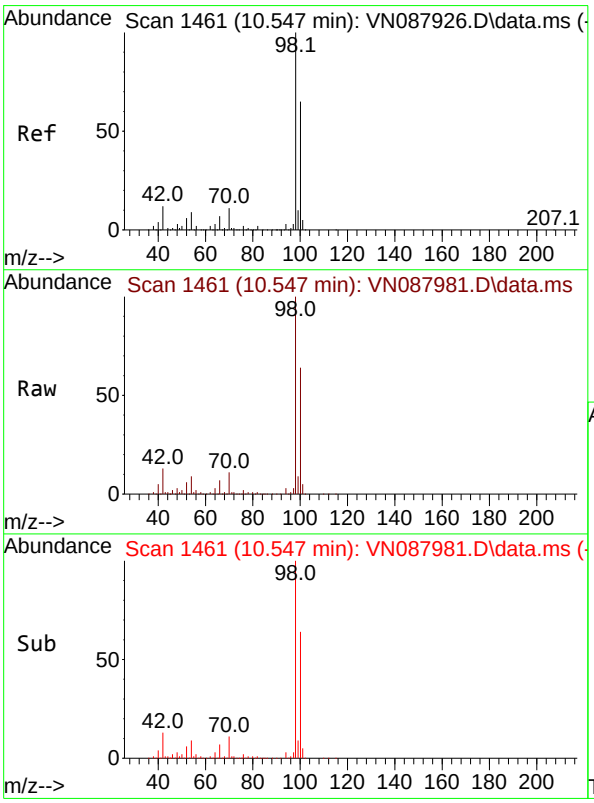
#49
1,4-Dioxane
Concen: 1.110 ug/l
RT: 9.729 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	1526309.4	22.6	33.8#
58	11132.1	57.4	86.2#

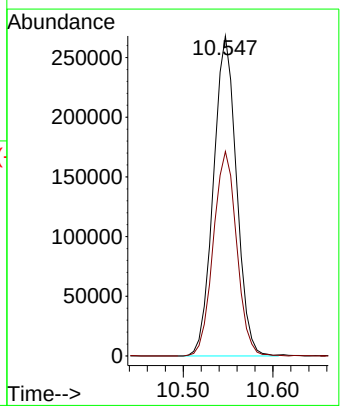


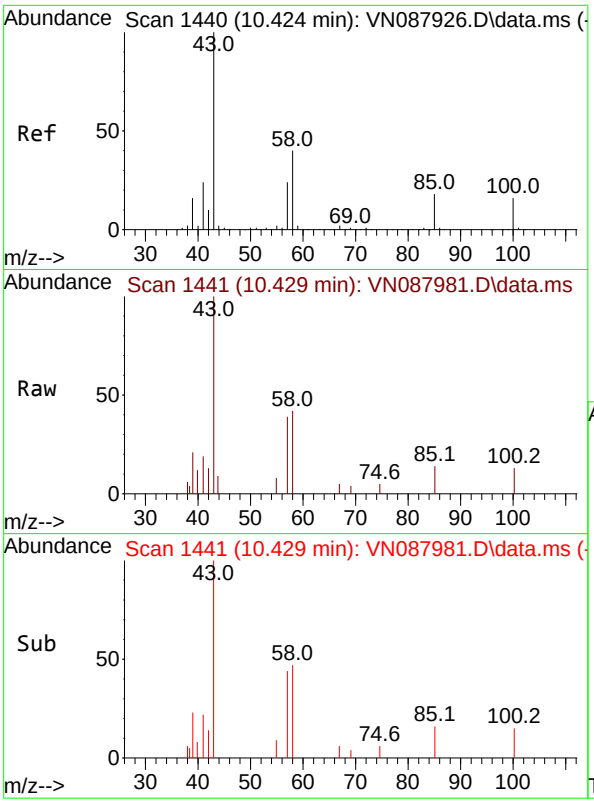


#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 98 Resp: 478748

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5



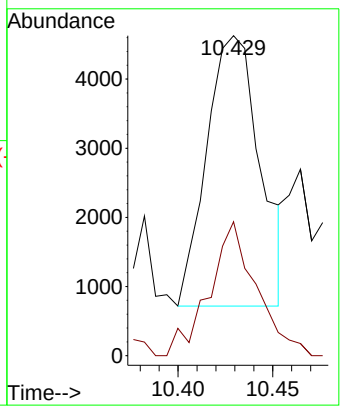


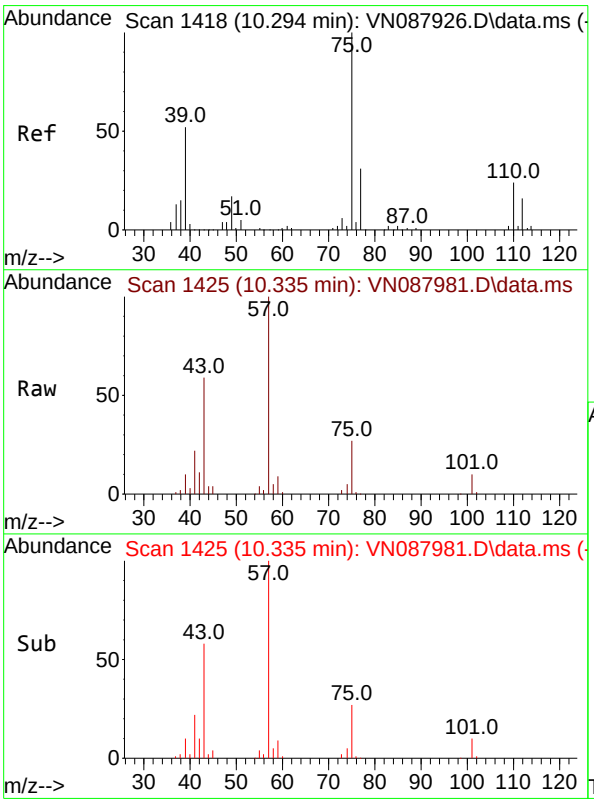
#51
4-Methyl-2-Pentanone
Concen: 1.760 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 7670

Ion	Ratio	Lower	Upper
43	100		
58	43.6	31.0	46.6

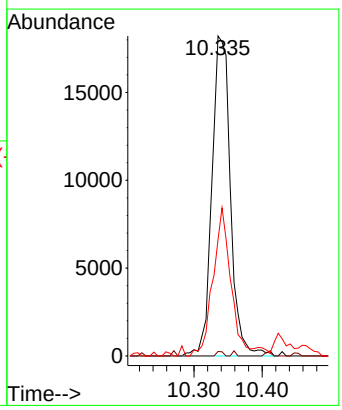


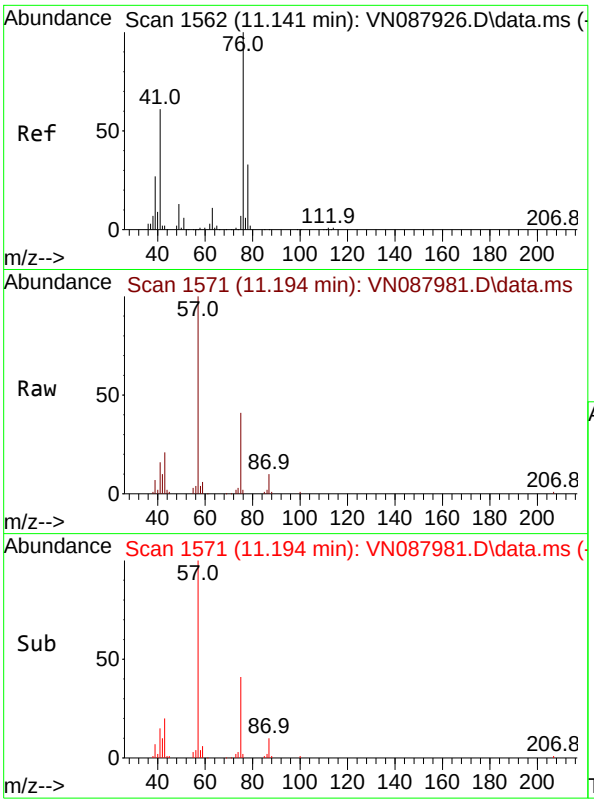


#54
cis-1,3-Dichloropropene
Concen: 7.468 ug/l
RT: 10.335 min Scan# 1425
Delta R.T. 0.041 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 75 Resp: 34457

Ion	Ratio	Lower	Upper
75	100		
77	1.4	24.7	37.1#
39	36.4	41.4	62.0#



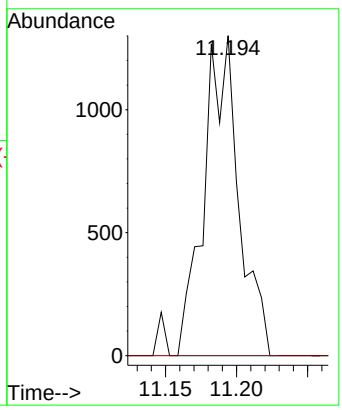


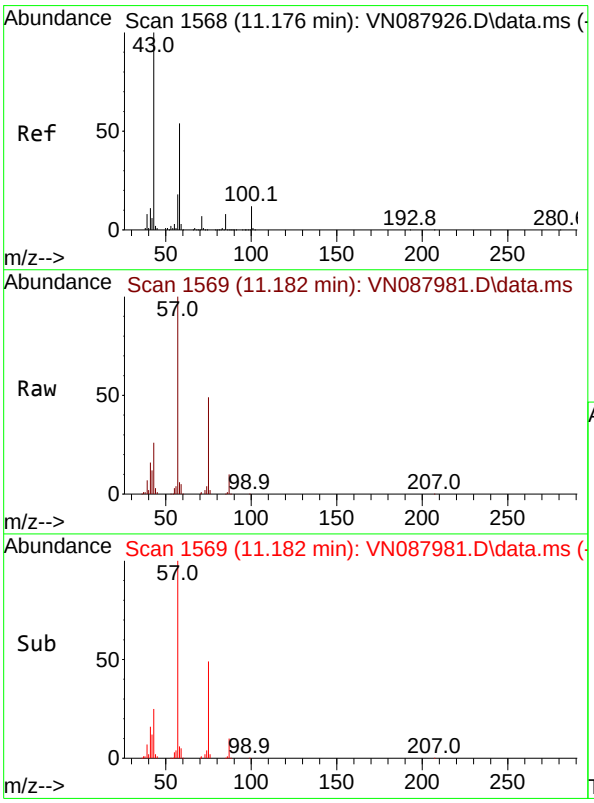
#57
1,3-Dichloropropane
Concen: 0.471 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 76 Resp: 2210

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

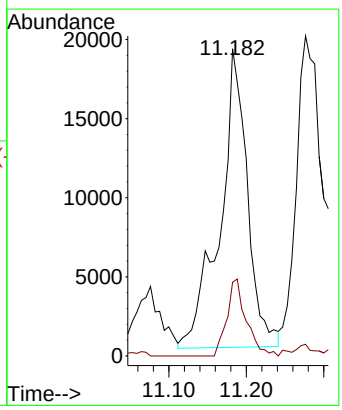


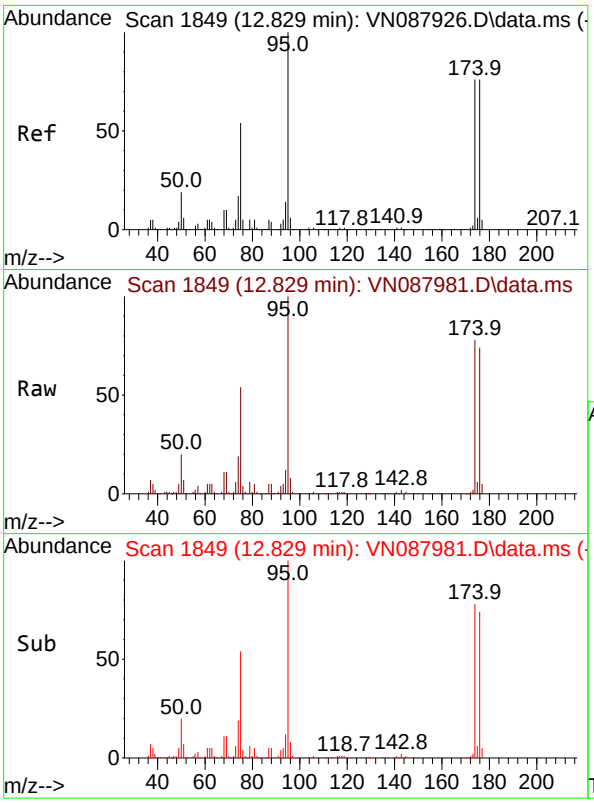


#59
2-Hexanone
Concen: 16.141 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 43 Resp: 46500

Ion	Ratio	Lower	Upper
43	100		
58	18.1	26.4	79.2#



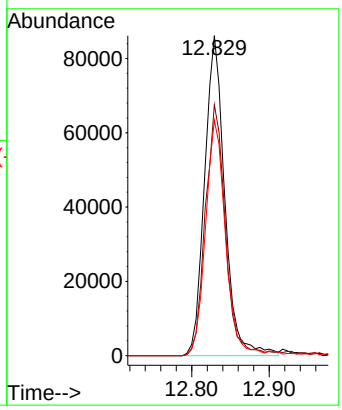


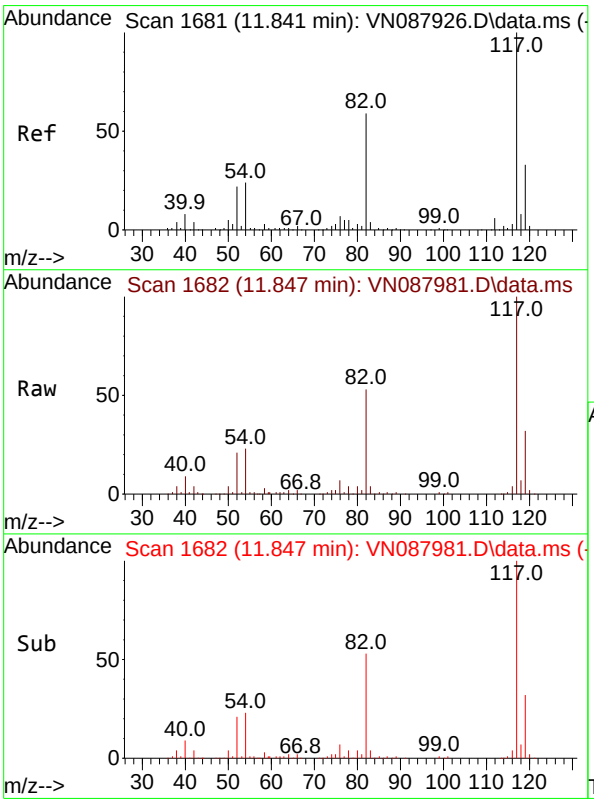
#62
4-Bromofluorobenzene
Concen: 44.106 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 95 Resp: 155741

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	159.2
176	72.7	0.0	152.6

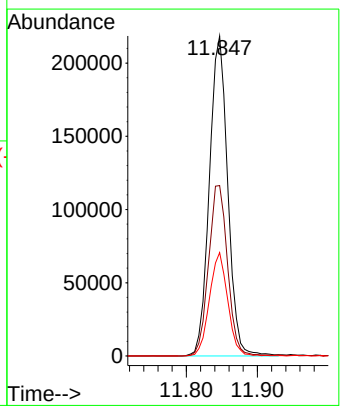


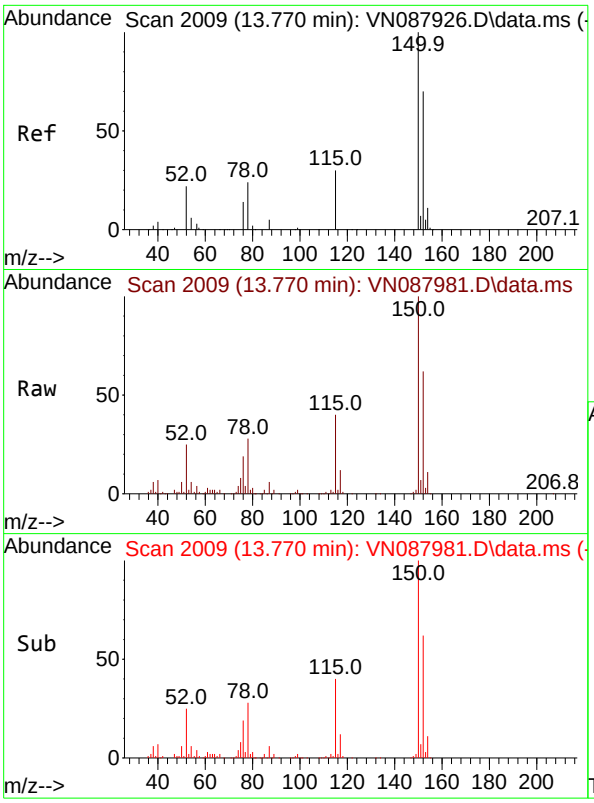


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion:117 Resp: 391953

Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.0	70.4
119	32.3	26.1	39.1



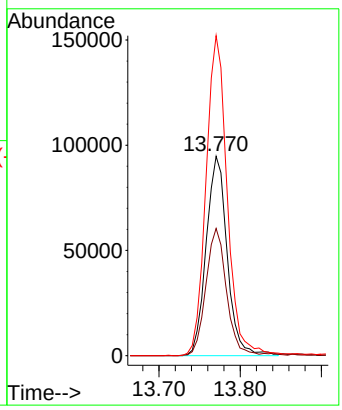


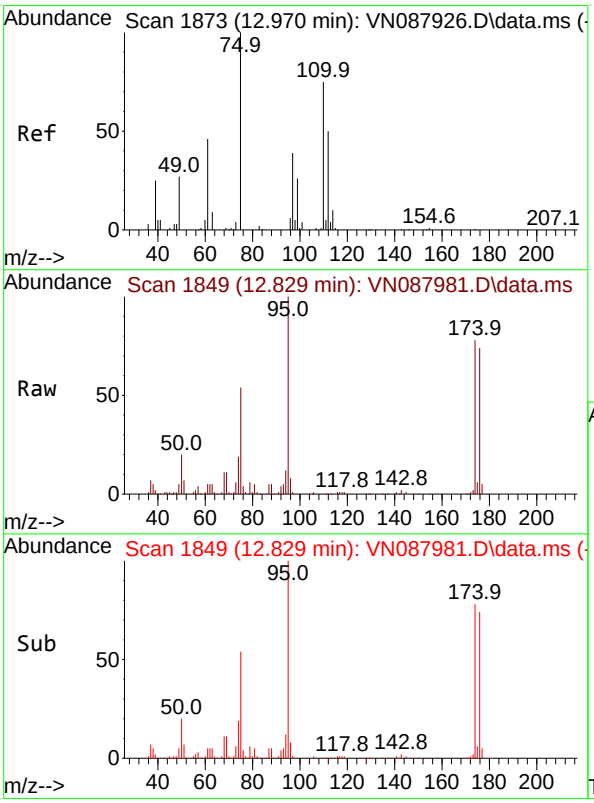
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:152 Resp: 170658

Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	162.9	0.0	335.0

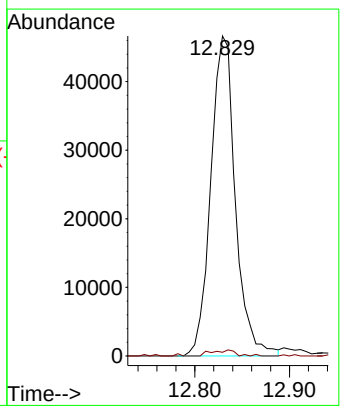


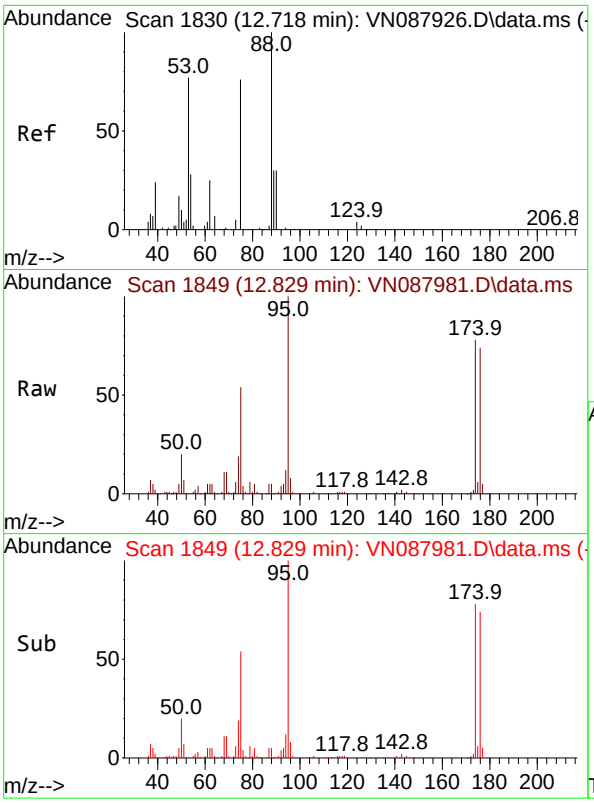


#76
1,2,3-Trichloropropane
Concen: 24.987 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 75 Resp: 84056

Ion	Ratio	Lower	Upper
75	100		
77	1.9	89.5	268.5#



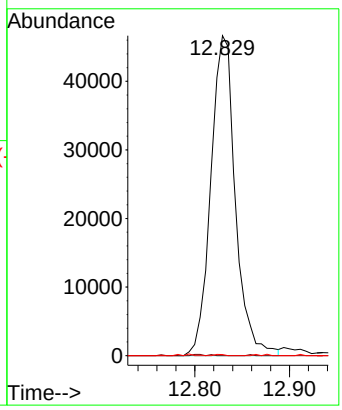


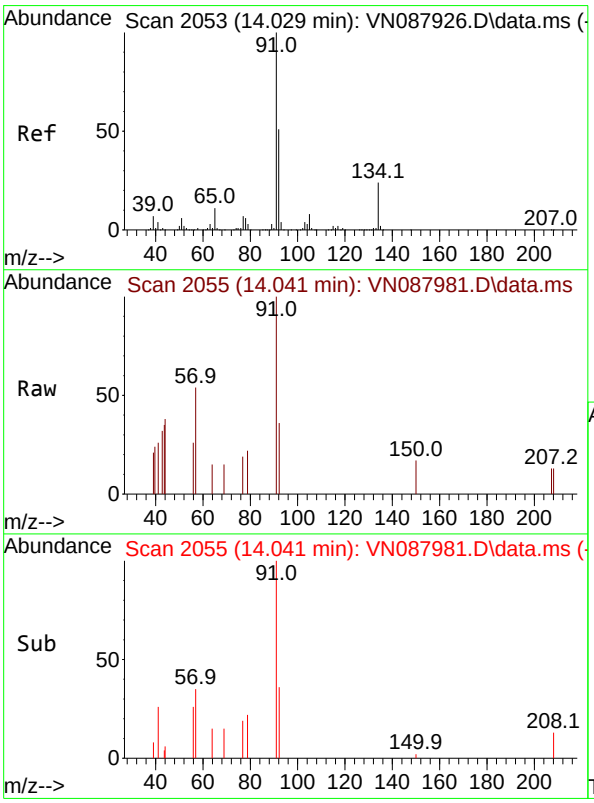
#81
trans-1,4-Dichloro-2-butene
Concen: 69.384 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 75 Resp: 84056

Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.0	123.0#
89	0.2	36.1	54.1#

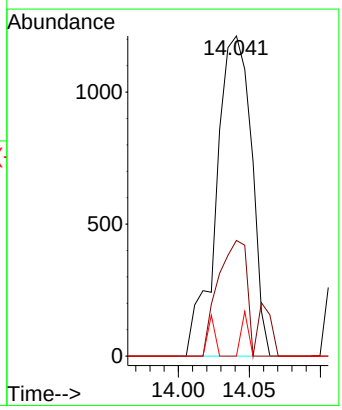


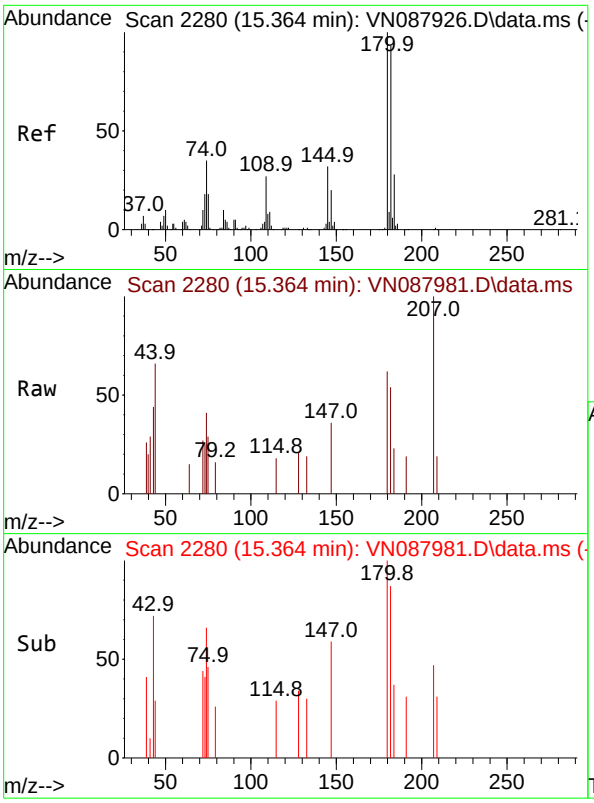


#89
n-Butylbenzene
Concen: 0.230 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.012 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion: 91 Resp: 2089

Ion	Ratio	Lower	Upper
91	100		
92	35.6	25.9	77.8
134	2.9	12.6	37.8#



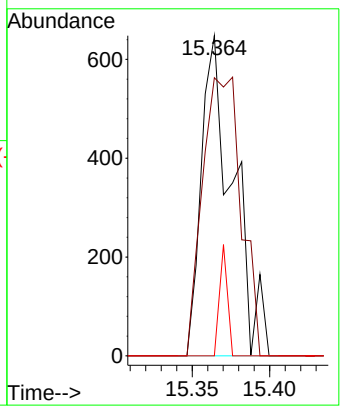


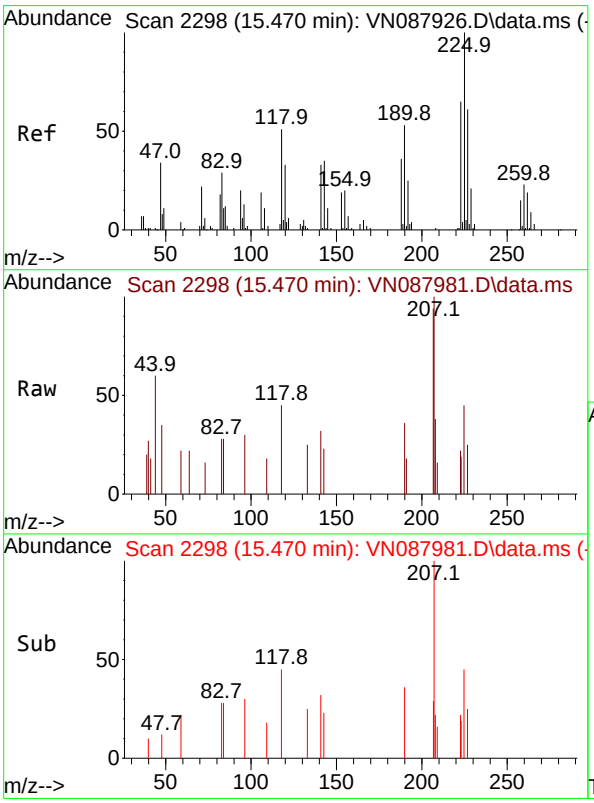
#93
1,2,4-Trichlorobenzene
Concen: 0.293 ug/l
RT: 15.364 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:180 Resp: 916

Ion	Ratio	Lower	Upper
180	100		
182	106.6	48.5	145.5
145	8.6	15.9	47.6#

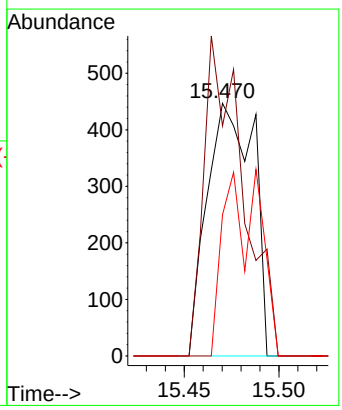


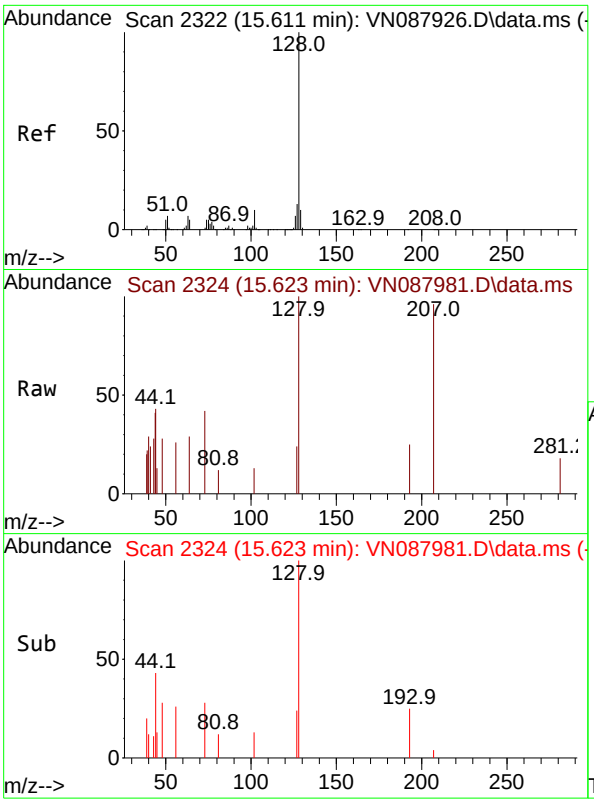


#94
Hexachlorobutadiene
Concen: 0.662 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Tgt Ion:225 Resp: 762

Ion	Ratio	Lower	Upper
225	100		
223	105.9	31.8	95.4#
227	0.0	31.9	95.9#





#95
Naphthalene
Concen: 0.252 ug/l
RT: 15.623 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN087981.D
Acq: 29 Sep 2025 14:46

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:128 Resp: 2530

Ion	Ratio	Lower	Upper
128	100		
127	4.2	10.2	15.4#
129	0.0	8.6	13.0#