Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088228.D
Acq On : 07 Nov 2025 13:09
Operator : JC\MD
Sample : Q3544-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Quant Time: Nov 08 01:55:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

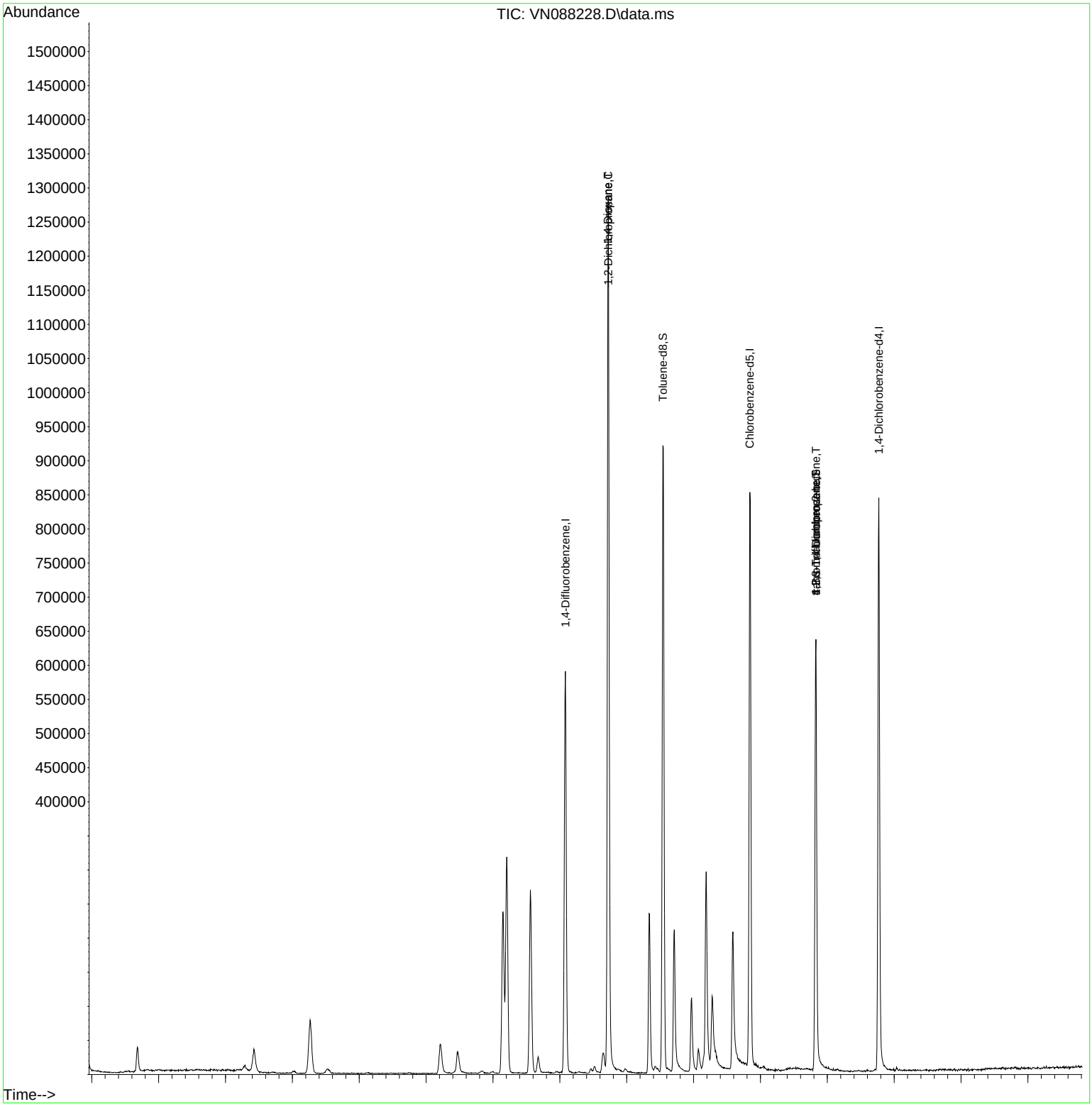
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	213890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	489924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	223176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	223219	60.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.700%			
35) Dibromofluoromethane	8.147	113	169107	51.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	10.541	98	625158	49.295	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.580%			
62) 4-Bromofluorobenzene	12.829	95	236102	52.715	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	12135	19.045	ug/l	96
16) Acetone	4.424	43	60540	32.581	ug/l	96
18) Methyl Acetate	5.000	43	2586	0.680	ug/l #	54
20) Methylene Chloride	5.265	84	58564	18.776	ug/l	95
25) 2-Butanone	7.465	43	57396	23.439	ug/l	95
29) Tetrahydrofuran	7.841	42	3352	2.100	ug/l #	74
31) Cyclohexane	8.206	56	5926	1.145	ug/l #	38
36) 1,1-Dichloropropene	8.206	75	21025	4.375	ug/l #	52
37) Ethyl Acetate	7.465	43	57396	9.255	ug/l #	72
38) Carbon Tetrachloride	8.206	117	25838	5.206	ug/l #	14
40) Benzene	8.588	78	3181	0.217	ug/l	93
43) Isopropyl Acetate	8.677	43	29991	3.147	ug/l #	89
45) 1,2-Dichloropropane	9.724	63	1762	0.477	ug/l #	43
48) Methyl methacrylate	9.635	41	7989	1.816	ug/l #	46
49) 1,4-Dioxane	9.718	88	72	1.316	ug/l #	1
51) 4-Methyl-2-Pentanone	10.430	43	6888	1.222	ug/l	95
52) Toluene	10.606	92	2222	0.246	ug/l	88
54) cis-1,3-Dichloropropene	10.335	75	43864	7.361	ug/l #	67
57) 1,3-Dichloropropane	11.188	76	3682	0.612	ug/l #	42
59) 2-Hexanone	11.188	43	76646	20.494	ug/l #	59
76) 1,2,3-Trichloropropane	12.829	75	141303	27.693	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	141303	77.250	ug/l #	1

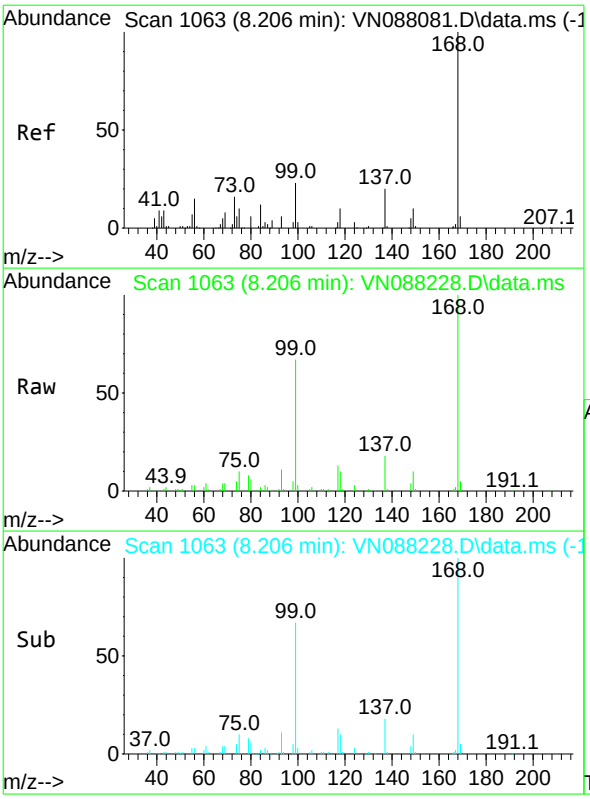
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088228.D
Acq On : 07 Nov 2025 13:09
Operator : JC\MD
Sample : Q3544-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Quant Time: Nov 08 01:55:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



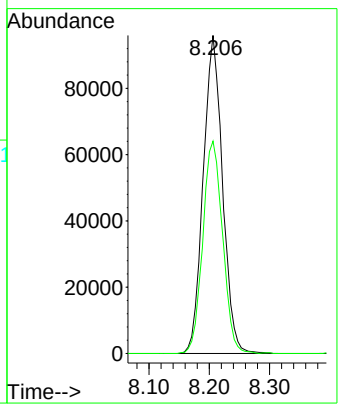


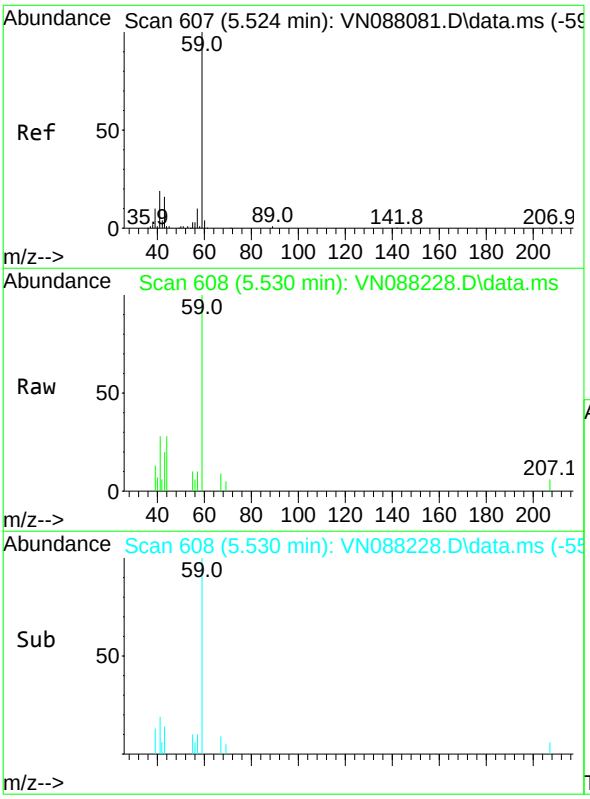
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion:168 Resp: 213890

Ion	Ratio	Lower	Upper
168	100		
99	66.7	57.2	85.8

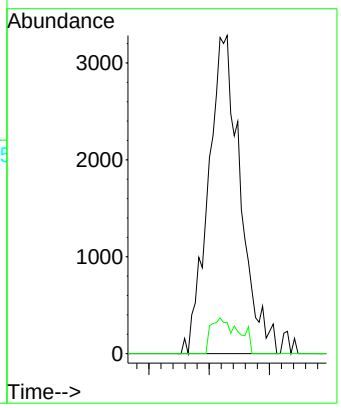


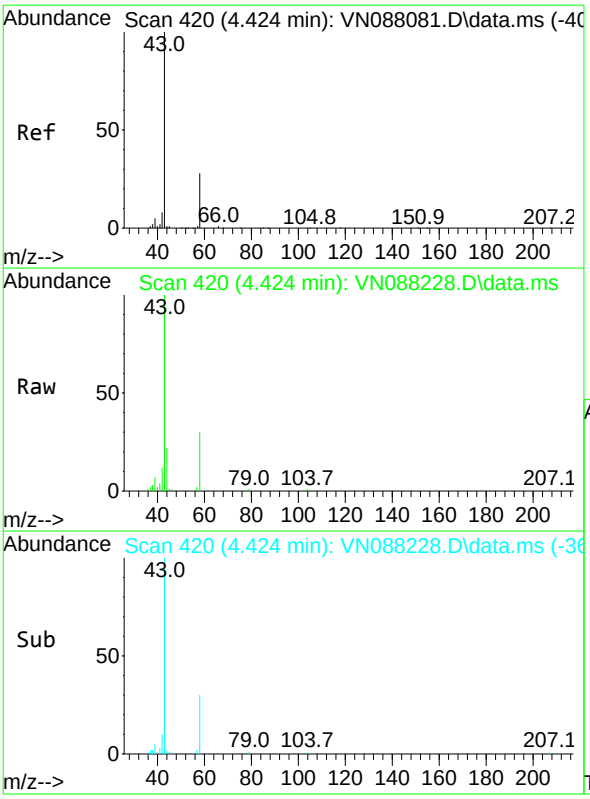


#11
Tert butyl alcohol
Concen: 19.045 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 59 Resp: 12135

Ion	Ratio	Lower	Upper
59	100		
57	9.6	9.0	13.4



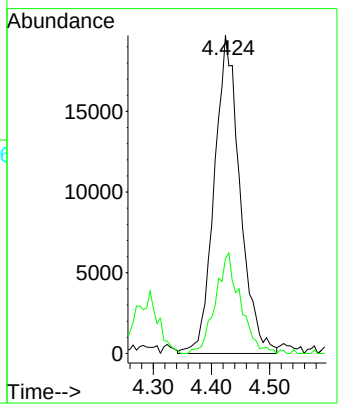


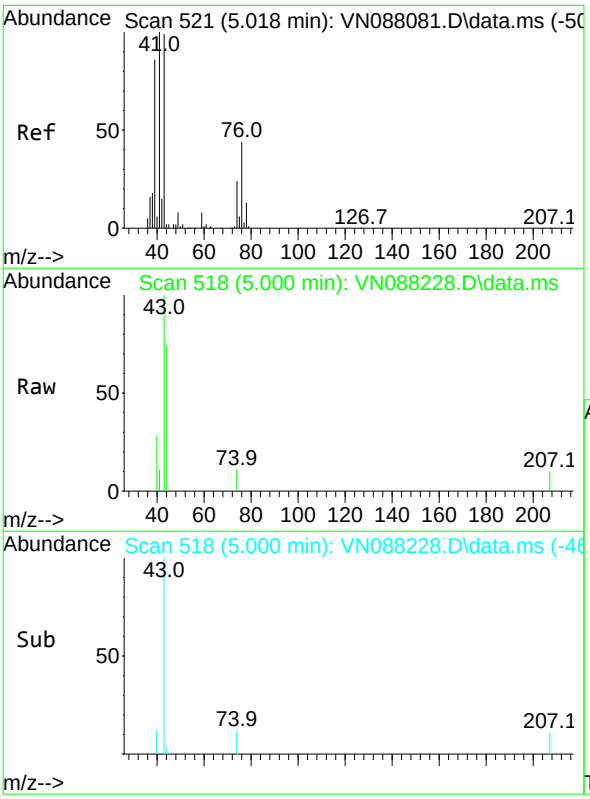
#16
Acetone
Concen: 32.581 ug/l
RT: 4.424 min Scan# 42
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 43 Resp: 60540

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.6	33.8

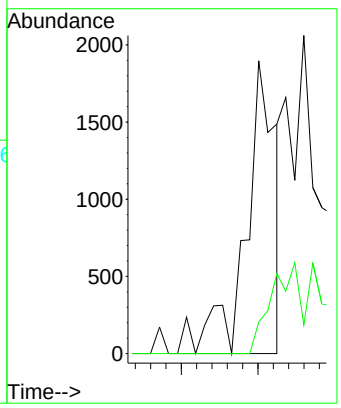


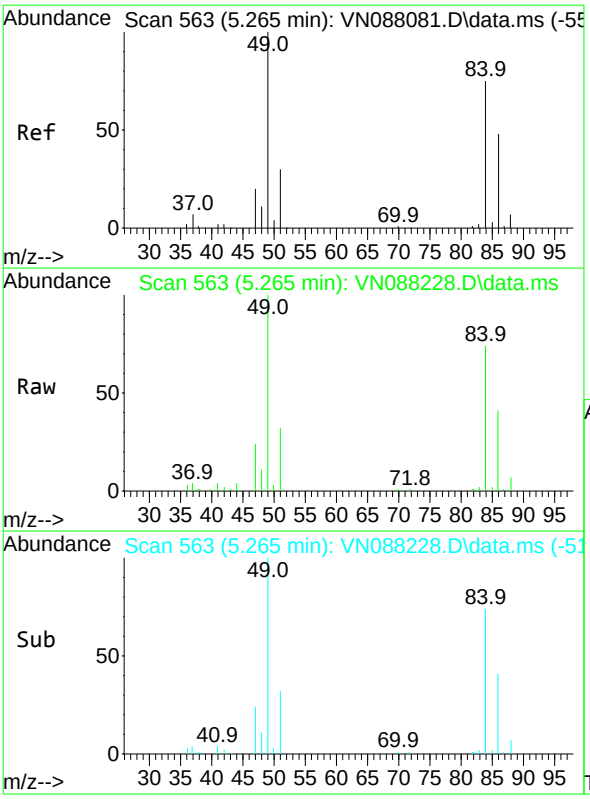


#18
Methyl Acetate
Concen: 0.680 ug/l
RT: 5.000 min Scan# 518
Delta R.T. -0.012 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 43 Resp: 2586

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.6	26.4#



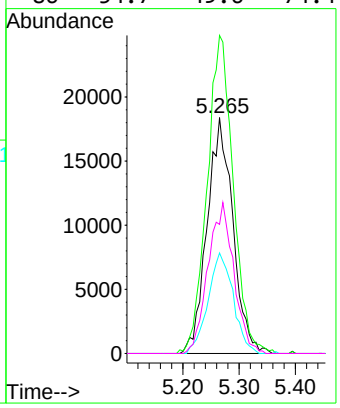


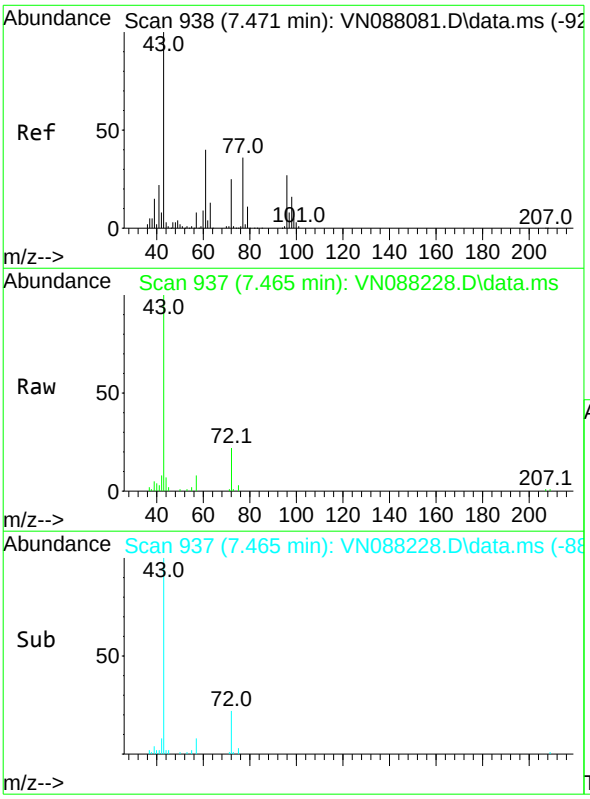
#20
Methylene Chloride
Concen: 18.776 ug/l
RT: 5.265 min Scan# 56
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 84 Resp: 58564

Ion	Ratio	Lower	Upper
84	100		
49	134.8	103.4	155.2
51	42.6	33.8	50.8
86	54.7	49.6	74.4

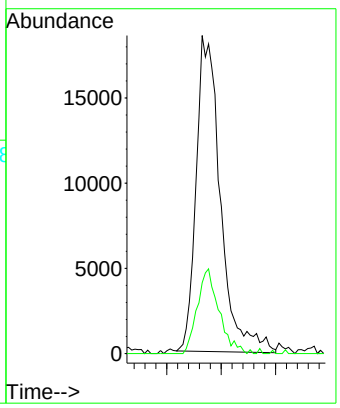


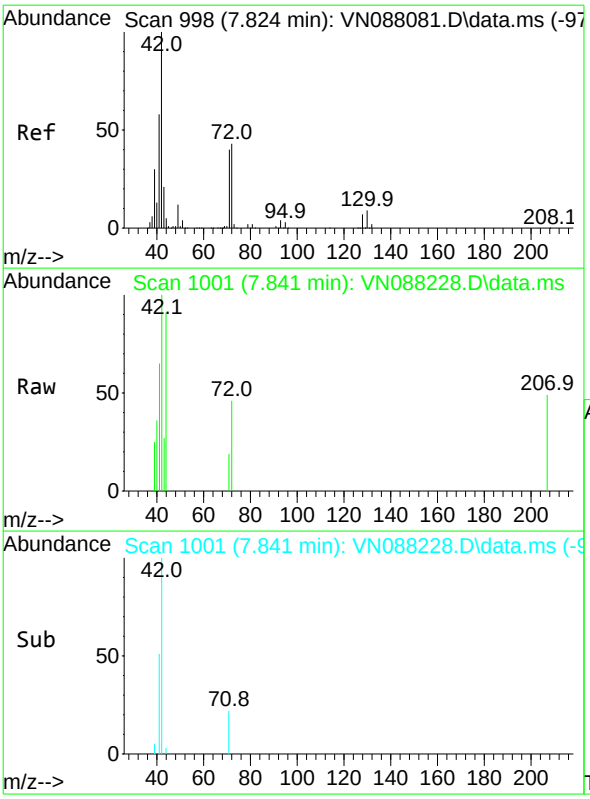


#25
2-Butanone
Concen: 23.439 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 43 Resp: 57396

Ion	Ratio	Lower	Upper
43	100		
72	22.4	19.9	29.9



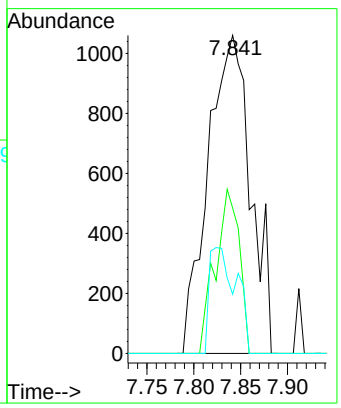


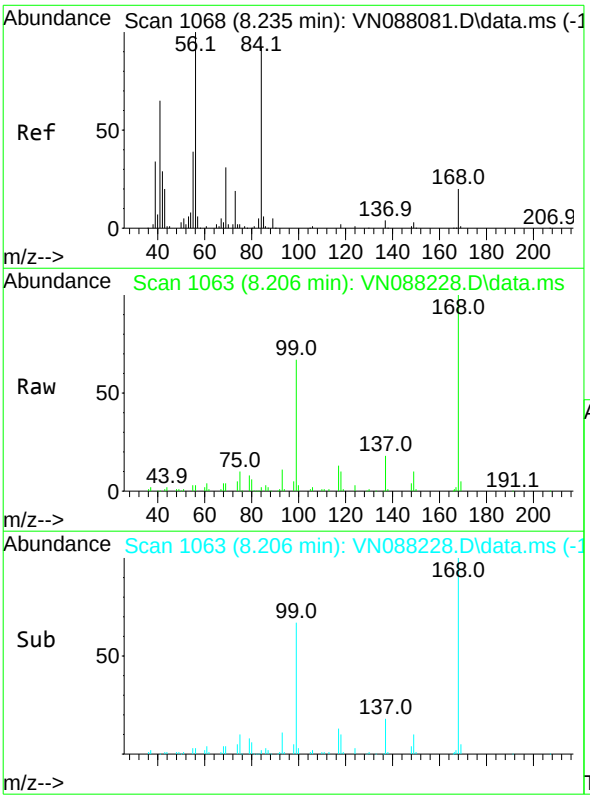
#29
Tetrahydrofuran
Concen: 2.100 ug/l
RT: 7.841 min Scan# 10
Delta R.T. 0.018 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 42 Resp: 3352

Ion	Ratio	Lower	Upper
42	100		
72	29.1	33.7	50.5#
71	20.9	31.9	47.9#

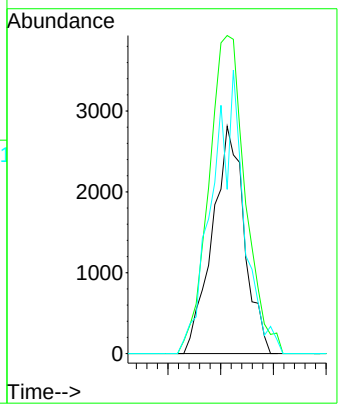


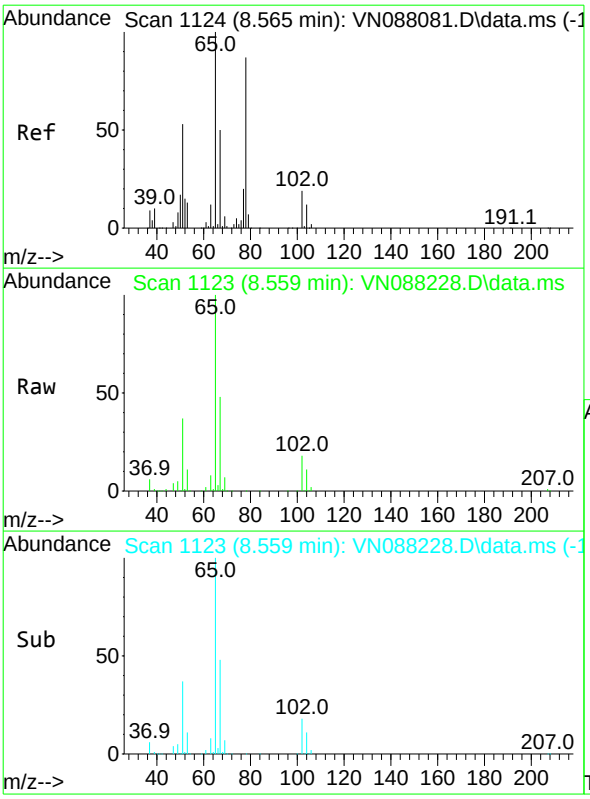


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 56 Resp: 5926

Ion	Ratio	Lower	Upper
56	100		
69	140.0	23.7	35.5#
84	72.3	64.7	97.1



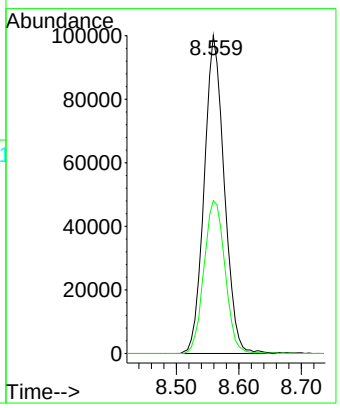


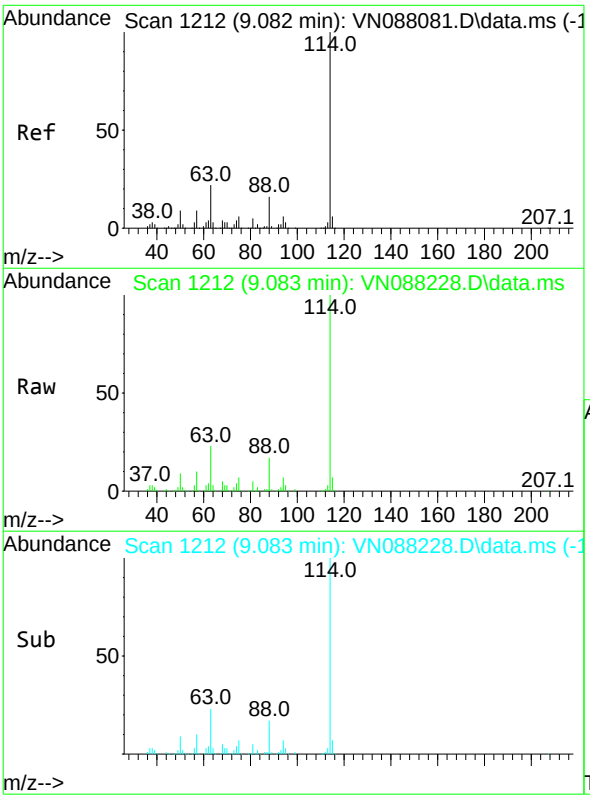
#33
1,2-Dichloroethane-d4
Concen: 60.352 ug/l
RT: 8.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 65 Resp: 223219

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	100.0

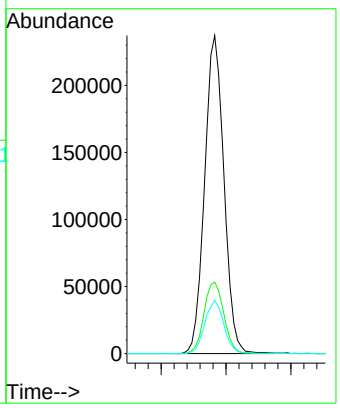


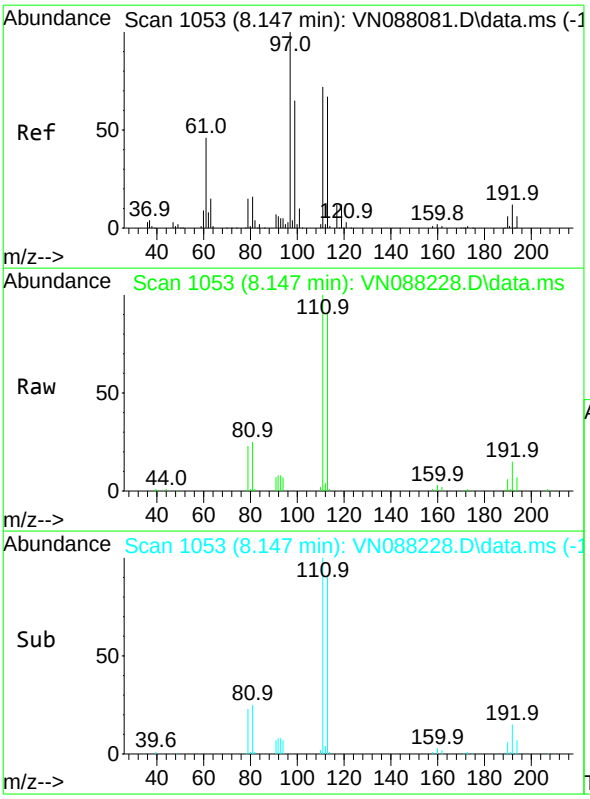


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion:114 Resp: 489924

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.2
88	16.8	0.0	33.4



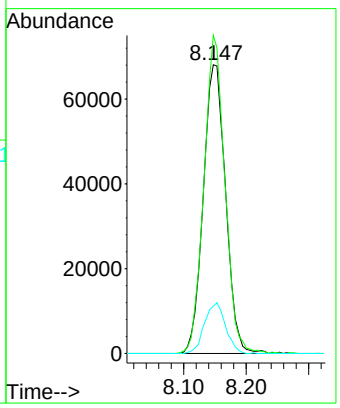


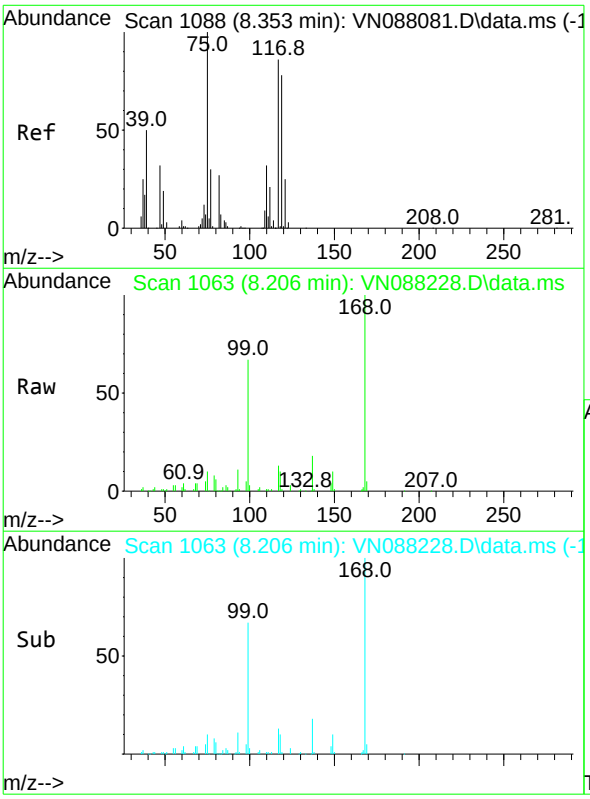
#35
Dibromofluoromethane
Concen: 51.379 ug/l
RT: 8.147 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion:113 Resp: 169107

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	16.5	12.8	19.2

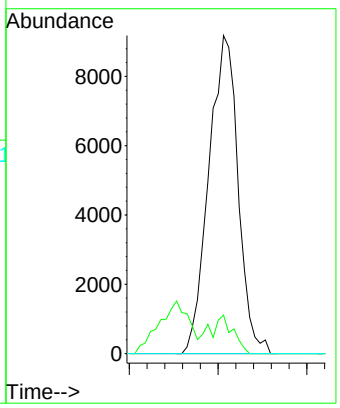


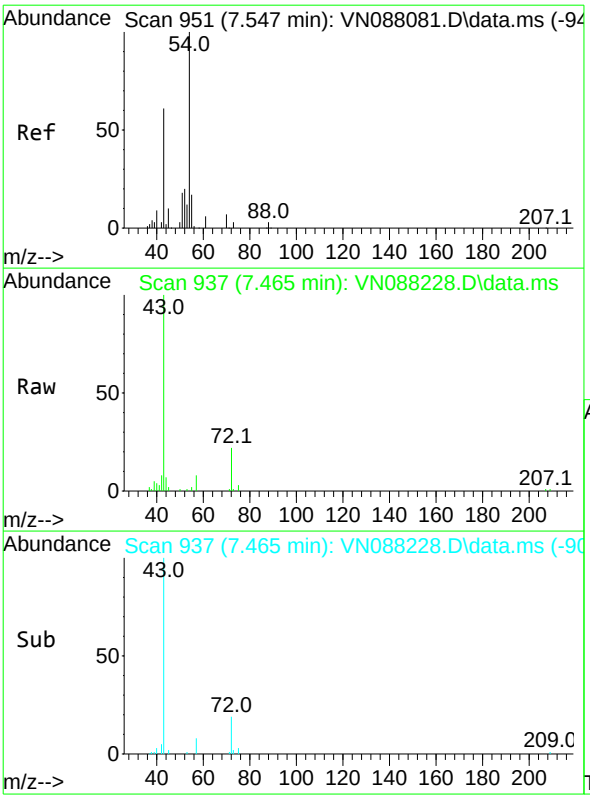


#36
1,1-Dichloropropene
Concen: 4.375 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 75 Resp: 21025

Ion	Ratio	Lower	Upper
75	100		
110	8.8	15.9	47.6#
77	0.0	24.4	36.6#



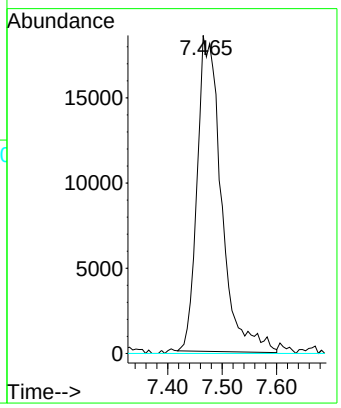


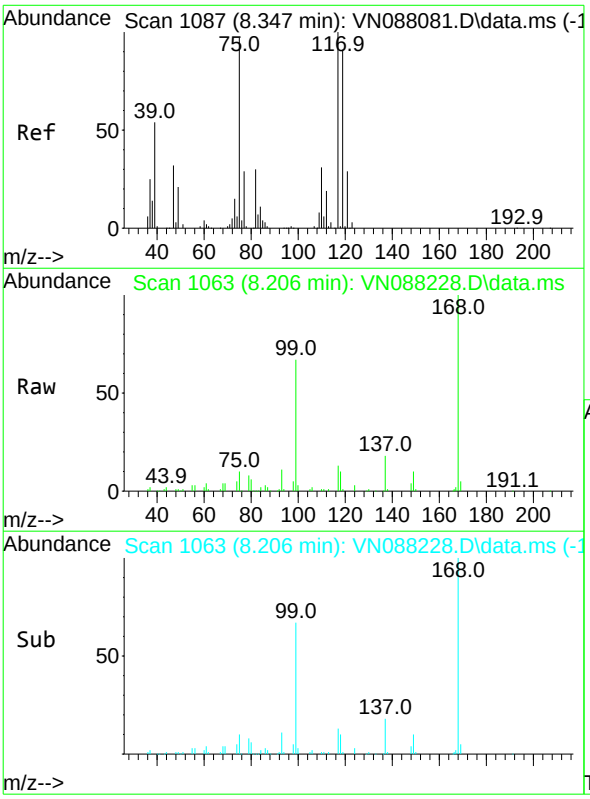
#37
Ethyl Acetate
Concen: 9.255 ug/l
RT: 7.465 min Scan# 93
Delta R.T. -0.082 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 43 Resp: 57396

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#

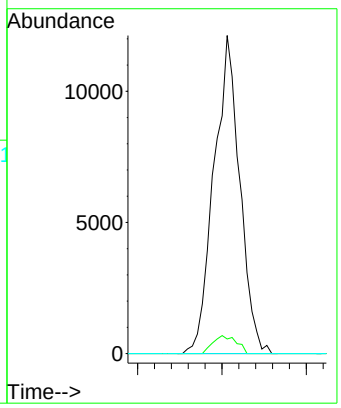


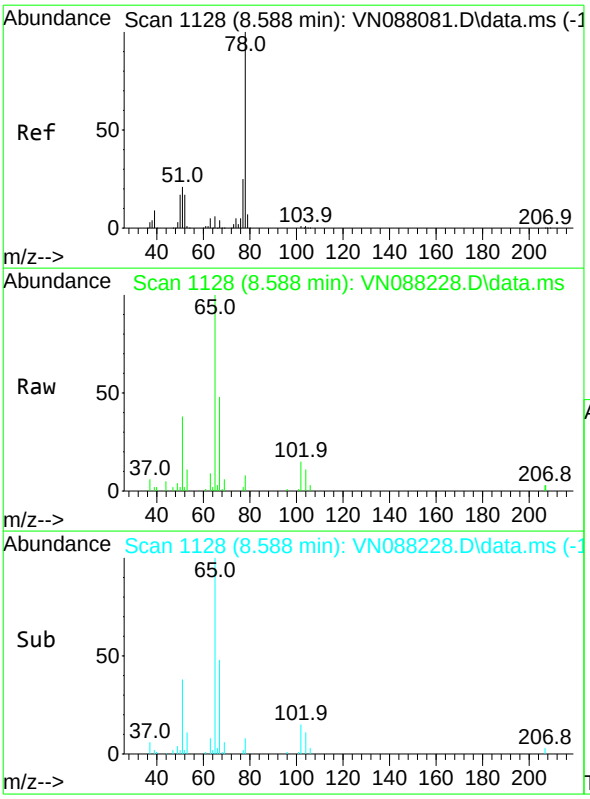


#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion:117 Resp: 25838

Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.0	118.6#
121	0.0	25.0	37.6#



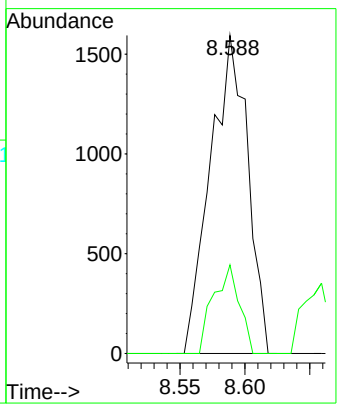


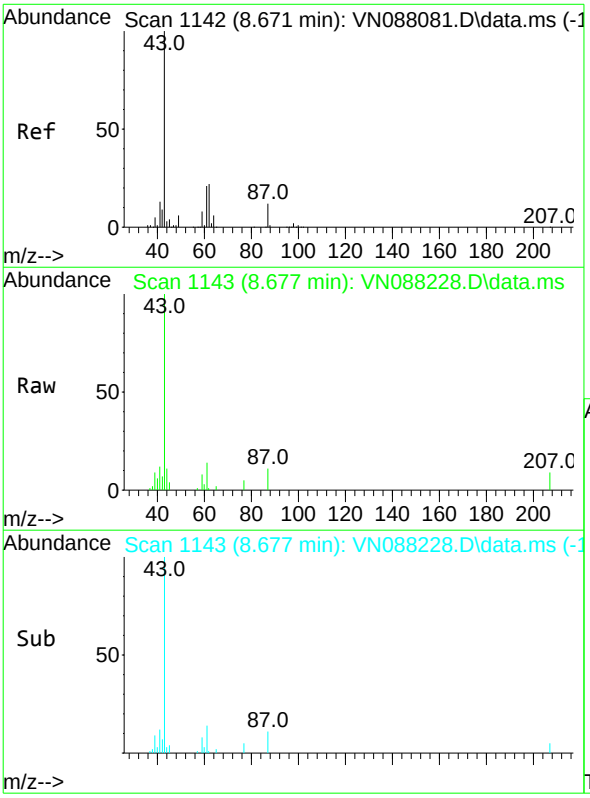
#40
Benzene
Concen: 0.217 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 78 Resp: 3181

Ion	Ratio	Lower	Upper
78	100		
77	27.9	19.7	29.5

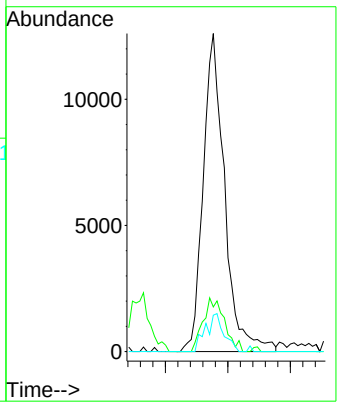


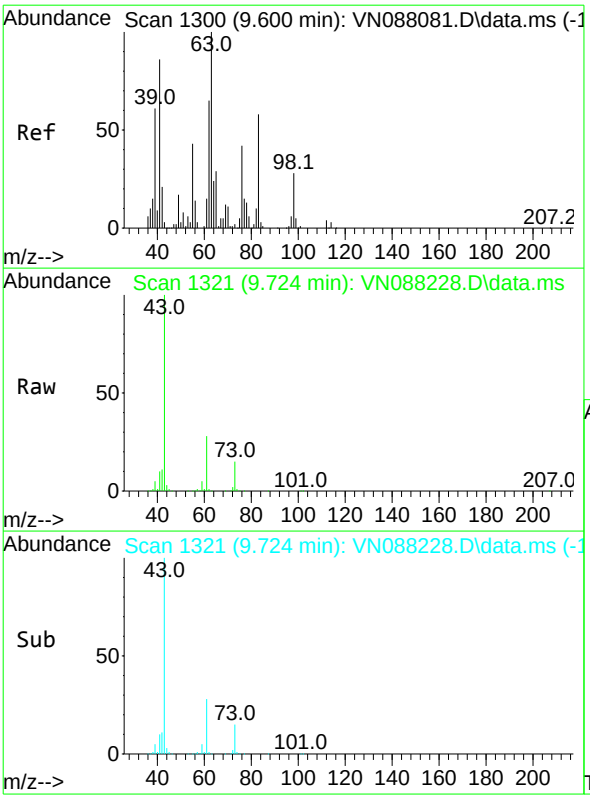


#43
Isopropyl Acetate
Concen: 3.147 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 43 Resp: 29991

Ion	Ratio	Lower	Upper
43	100		
61	16.8	18.8	28.2#
87	10.2	9.6	14.4



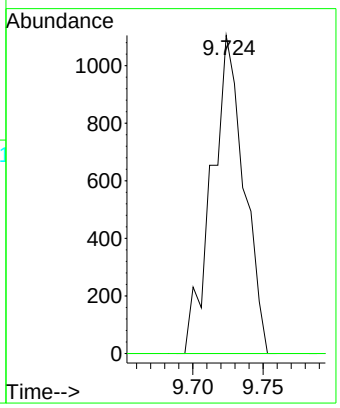


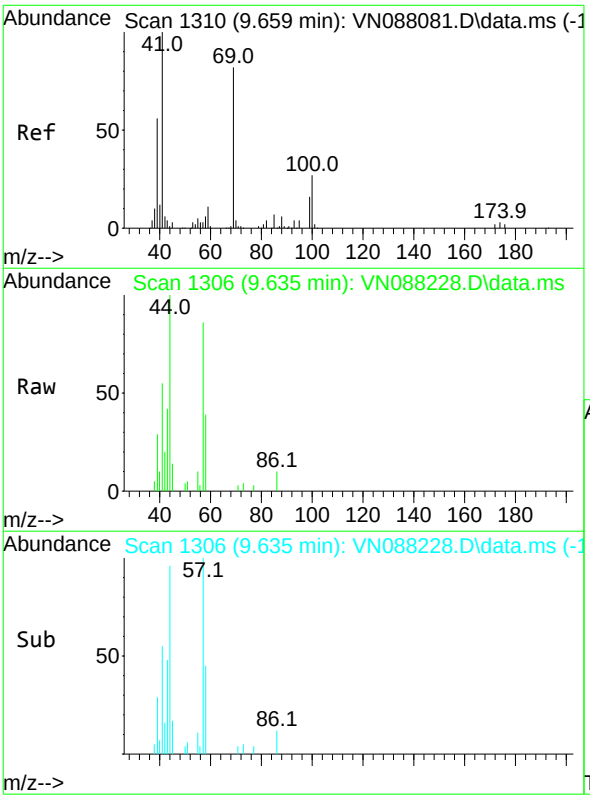
#45
1,2-Dichloropropane
Concen: 0.477 ug/l
RT: 9.724 min Scan# 13
Delta R.T. 0.124 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 63 Resp: 1762

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

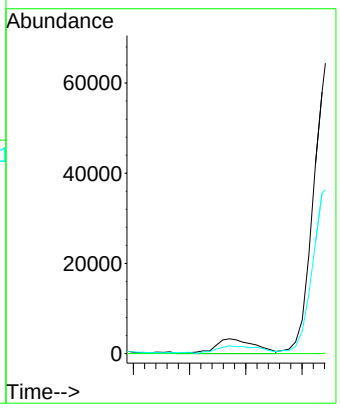


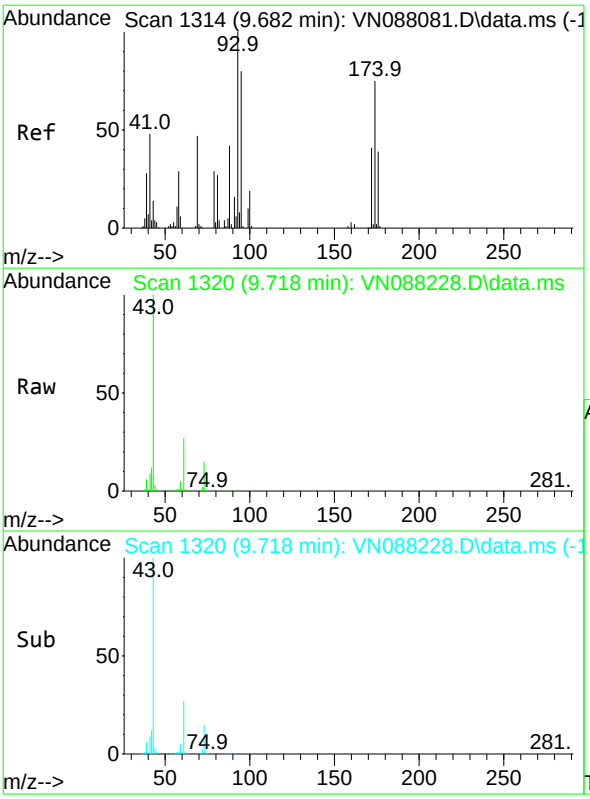


#48
Methyl methacrylate
Concen: 1.816 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. -0.029 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 41 Resp: 7989

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	57.2	52.9	79.3



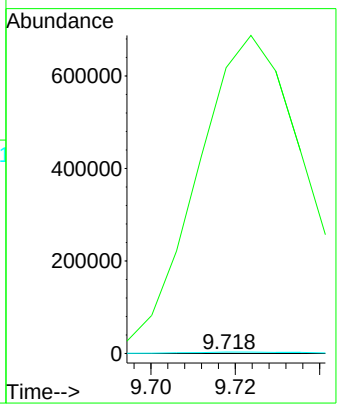


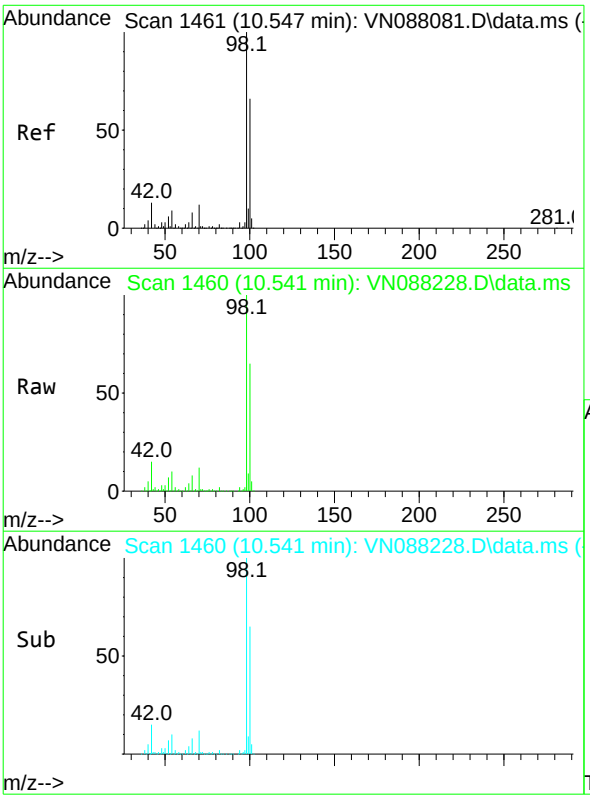
#49
1,4-Dioxane
Concen: 1.316 ug/l
RT: 9.718 min Scan# 13
Delta R.T. 0.035 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	1811968.1	0.0	0.0#
58	8973.6	57.9	86.9#

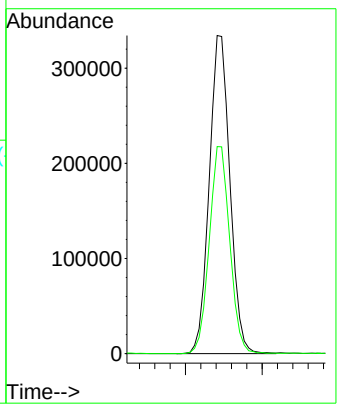


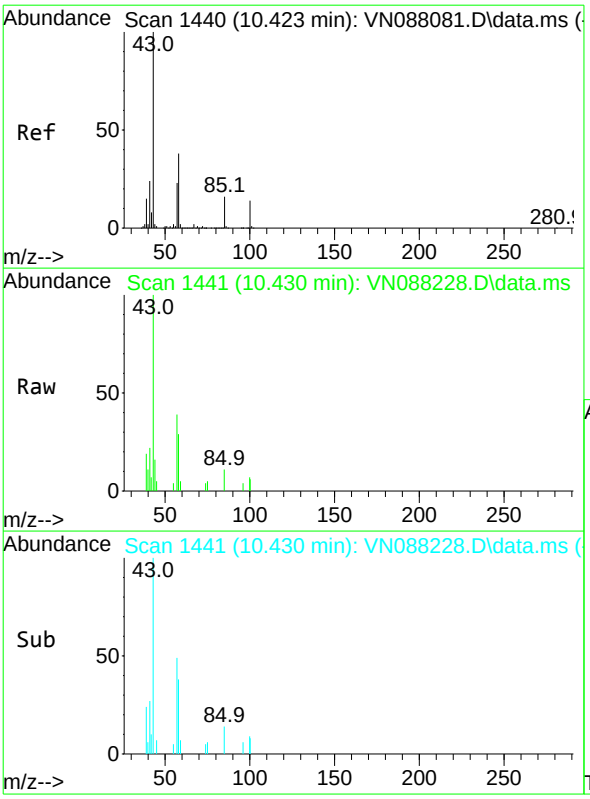


#50
Toluene-d8
Concen: 49.295 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 98 Resp: 625158

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.8	79.2



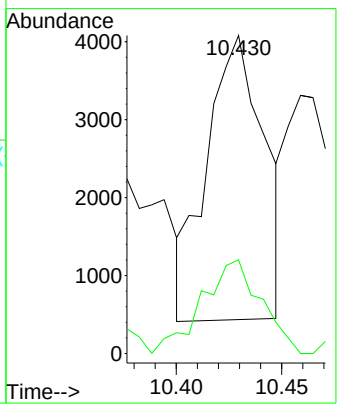


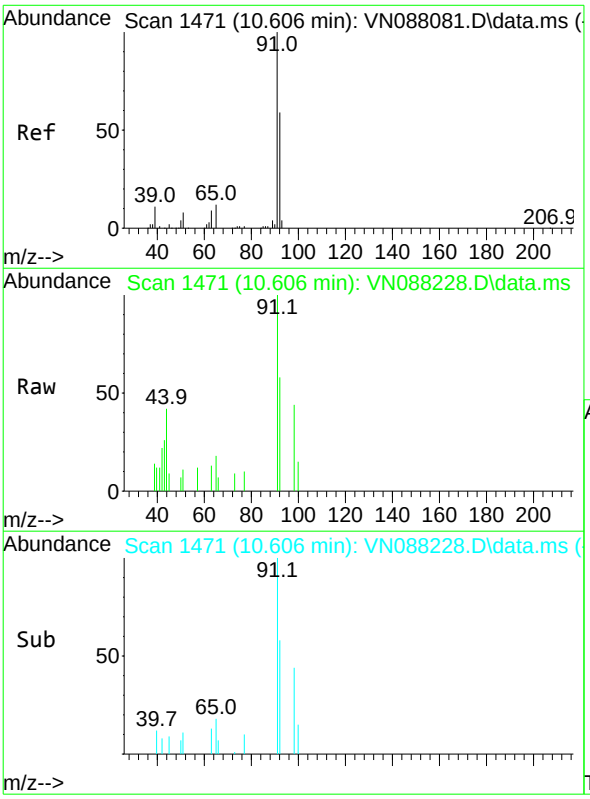
#51
4-Methyl-2-Pentanone
Concen: 1.222 ug/l
RT: 10.430 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 43 Resp: 6888

Ion	Ratio	Lower	Upper
43	100		
58	34.0	29.6	44.4

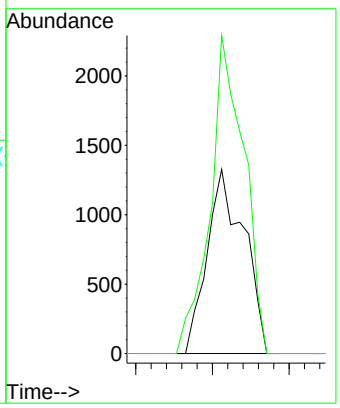


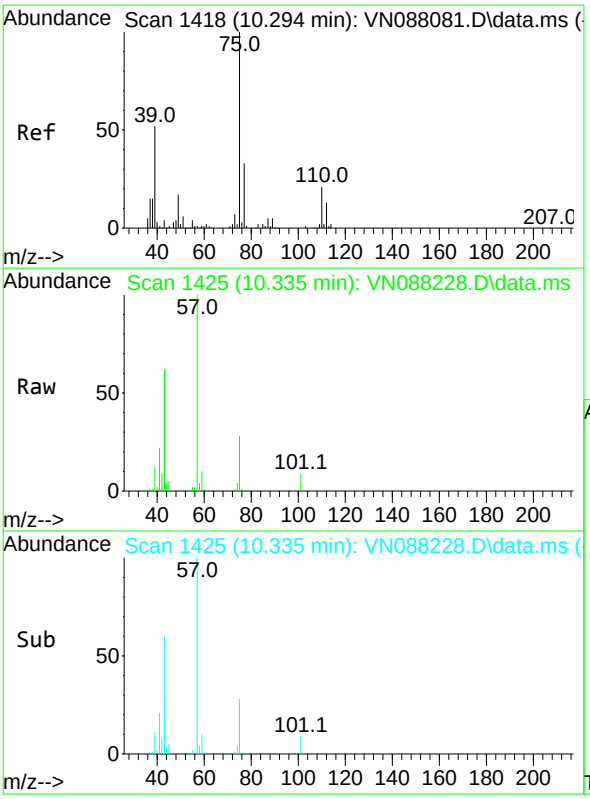


#52
Toluene
Concen: 0.246 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 92 Resp: 2222

Ion	Ratio	Lower	Upper
92	100		
91	158.2	140.4	210.6



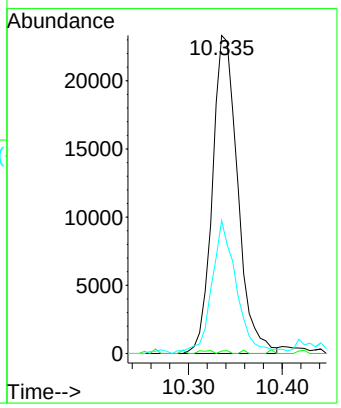


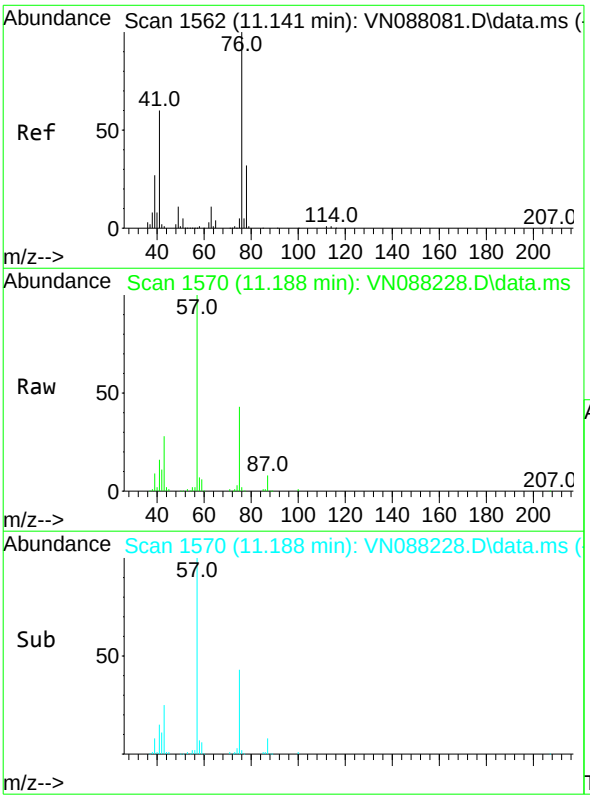
#54
cis-1,3-Dichloropropene
Concen: 7.361 ug/l
RT: 10.335 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 75 Resp: 43864

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.6	37.0#
39	40.9	45.2	67.8#

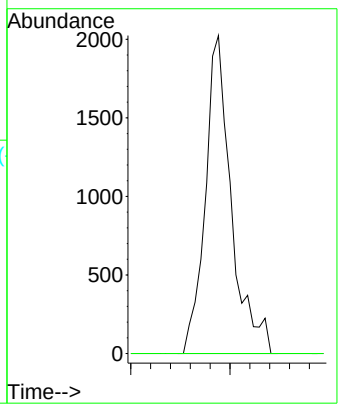


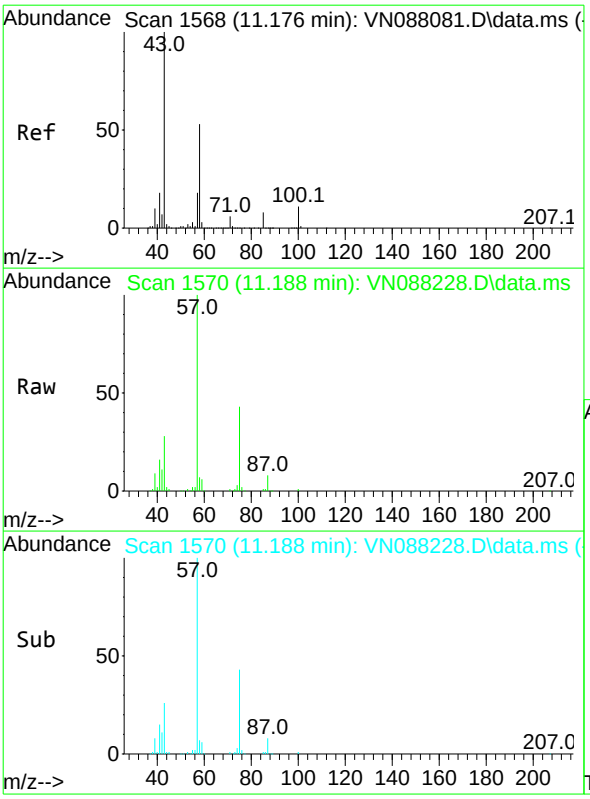


#57
1,3-Dichloropropane
Concen: 0.612 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.047 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 76 Resp: 3682

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



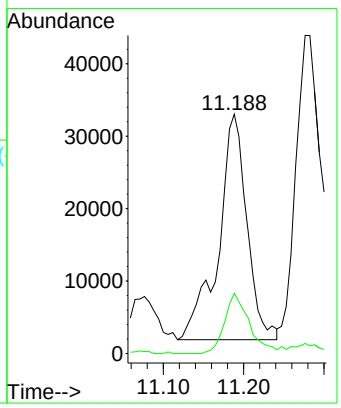


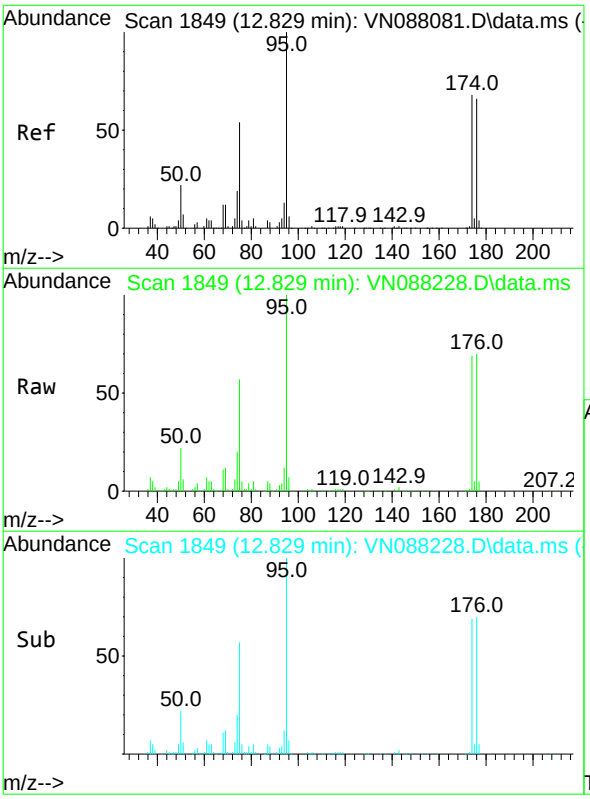
#59
2-Hexanone
Concen: 20.494 ug/l
RT: 11.188 min Scan# 15
Delta R.T. 0.012 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 43 Resp: 76646

Ion	Ratio	Lower	Upper
43	100		
58	23.0	25.9	77.8#

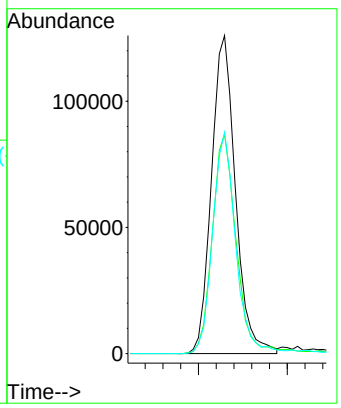


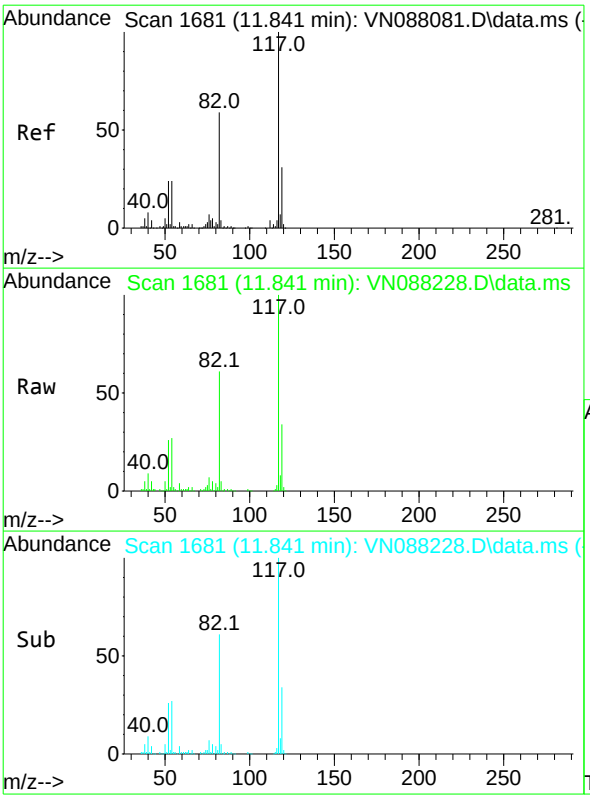


#62
4-Bromofluorobenzene
Concen: 52.715 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 95 Resp: 236102

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	138.4
176	66.8	0.0	132.6



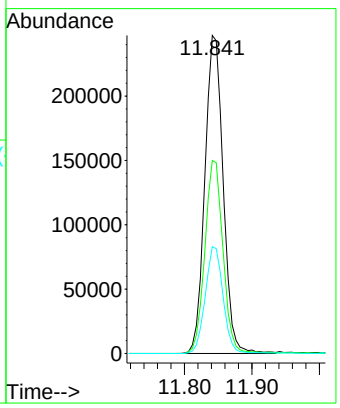


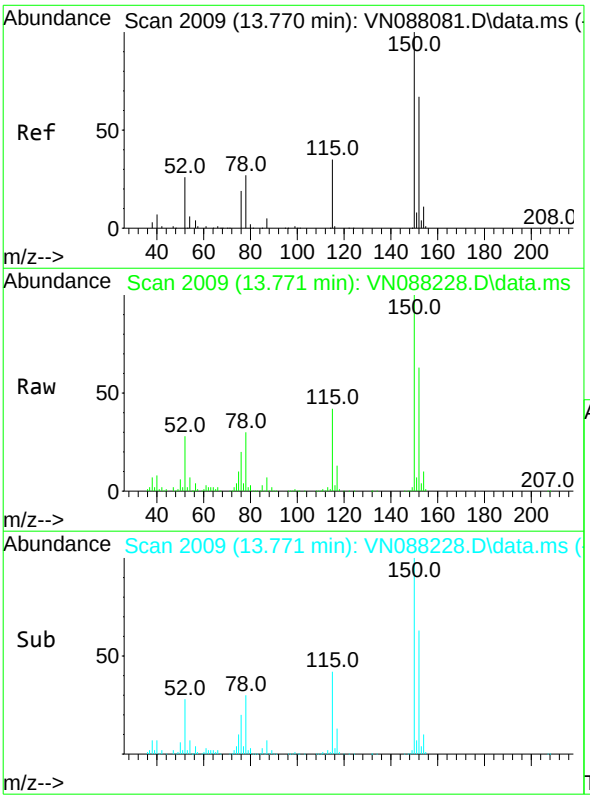
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion:117 Resp: 466345

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	33.6	24.3	36.5

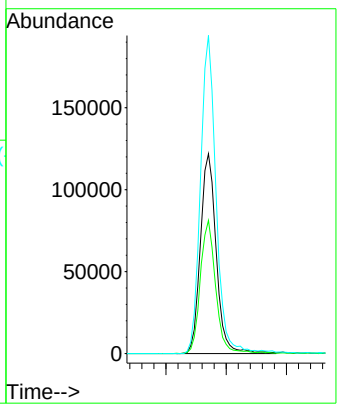


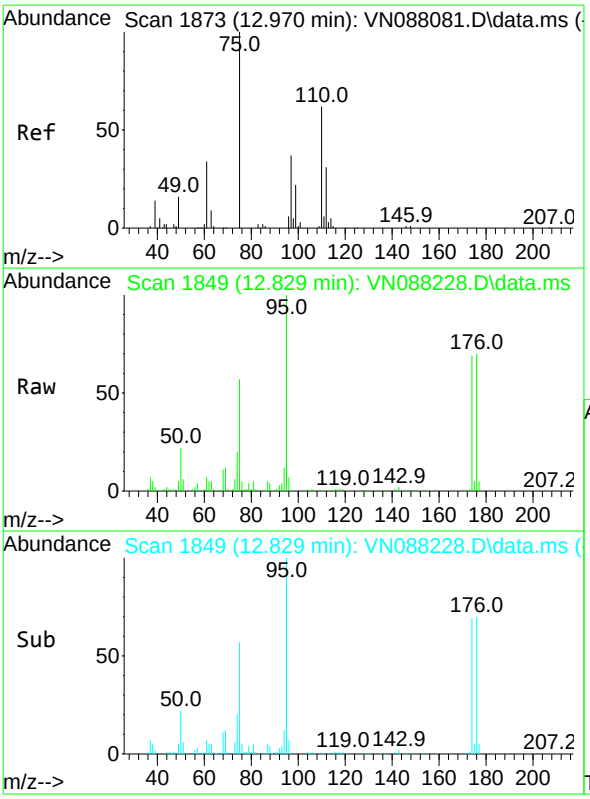


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion:152 Resp: 223176

Ion	Ratio	Lower	Upper
152	100		
115	64.3	32.3	96.8
150	157.0	0.0	351.0



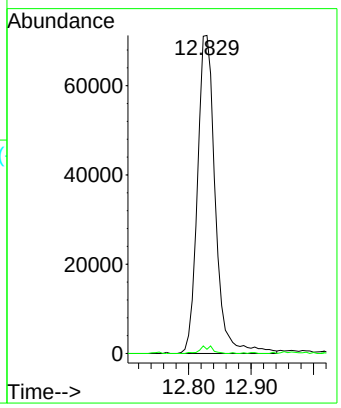


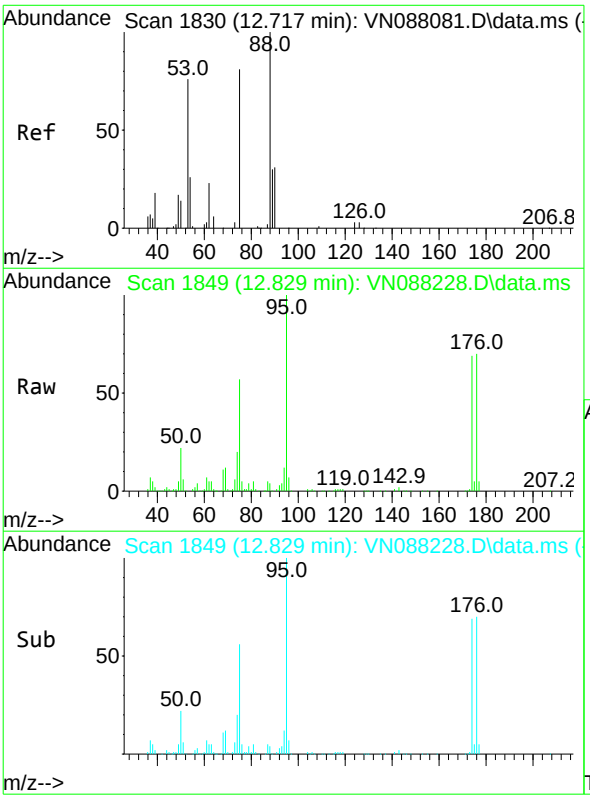
#76
1,2,3-Trichloropropane
Concen: 27.693 ug/l
RT: 12.829 min Scan# 18
Delta R.T. -0.141 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
ONYX-1

Tgt Ion: 75 Resp: 141303

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.250 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088228.D
Acq: 07 Nov 2025 13:09

Tgt Ion: 75 Resp: 141303

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.3	35.6	53.4#