Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085963.D
Acq On : 12 Mar 2025 16:30
Operator : JC\MD
Sample : Q1528-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
22425

Quant Time: Mar 13 01:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	165136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115807	54.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	8.165	113	97857	49.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.540%			
50) Toluene-d8	10.565	98	335928	46.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.920%			
62) 4-Bromofluorobenzene	12.847	95	128796	54.647	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.300%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	456	0.202	ug/l #	41
11) Tert butyl alcohol	5.530	59	3858	14.651	ug/l #	72
16) Acetone	4.424	43	271296	400.479	ug/l	97
18) Methyl Acetate	5.030	43	8552	3.670	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	2772	0.515	ug/l #	54
25) 2-Butanone	7.488	43	4271	4.285	ug/l	100
31) Cyclohexane	8.224	56	3517	1.150	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	13568	4.876	ug/l #	50
37) Ethyl Acetate	7.488	43	4271	1.865	ug/l #	66
38) Carbon Tetrachloride	8.224	117	17127	5.180	ug/l #	18
40) Benzene	8.606	78	57642	6.463	ug/l	95
48) Methyl methacrylate	9.659	41	1209	0.711	ug/l #	37
49) 1,4-Dioxane	9.694	88	180	5.566	ug/l #	26
51) 4-Methyl-2-Pentanone	10.447	43	709	0.321	ug/l #	58
52) Toluene	10.629	92	143582	27.465	ug/l	96
53) t-1,3-Dichloropropene	10.629	75	1706	0.568	ug/l #	1
67) Ethyl Benzene	11.959	91	2815	0.284	ug/l	93
68) m/p-Xylenes	12.065	106	37888	10.053	ug/l	97
69) o-Xylene	12.394	106	15188	4.241	ug/l	100
70) Styrene	12.400	104	1267	0.792	ug/l #	1
74) N-amyl acetate	12.459	43	2479	0.844	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	65264	24.176	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.170	105	1682	0.248	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	65264	70.539	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.482	105	6964	1.038	ug/l	94
85) sec-Butylbenzene	13.482	105	6964	0.864	ug/l #	57
86) p-Isopropyltoluene	13.723	119	228	0.658	ug/l #	67
95) Naphthalene	15.641	128	5140	0.970	ug/l	96

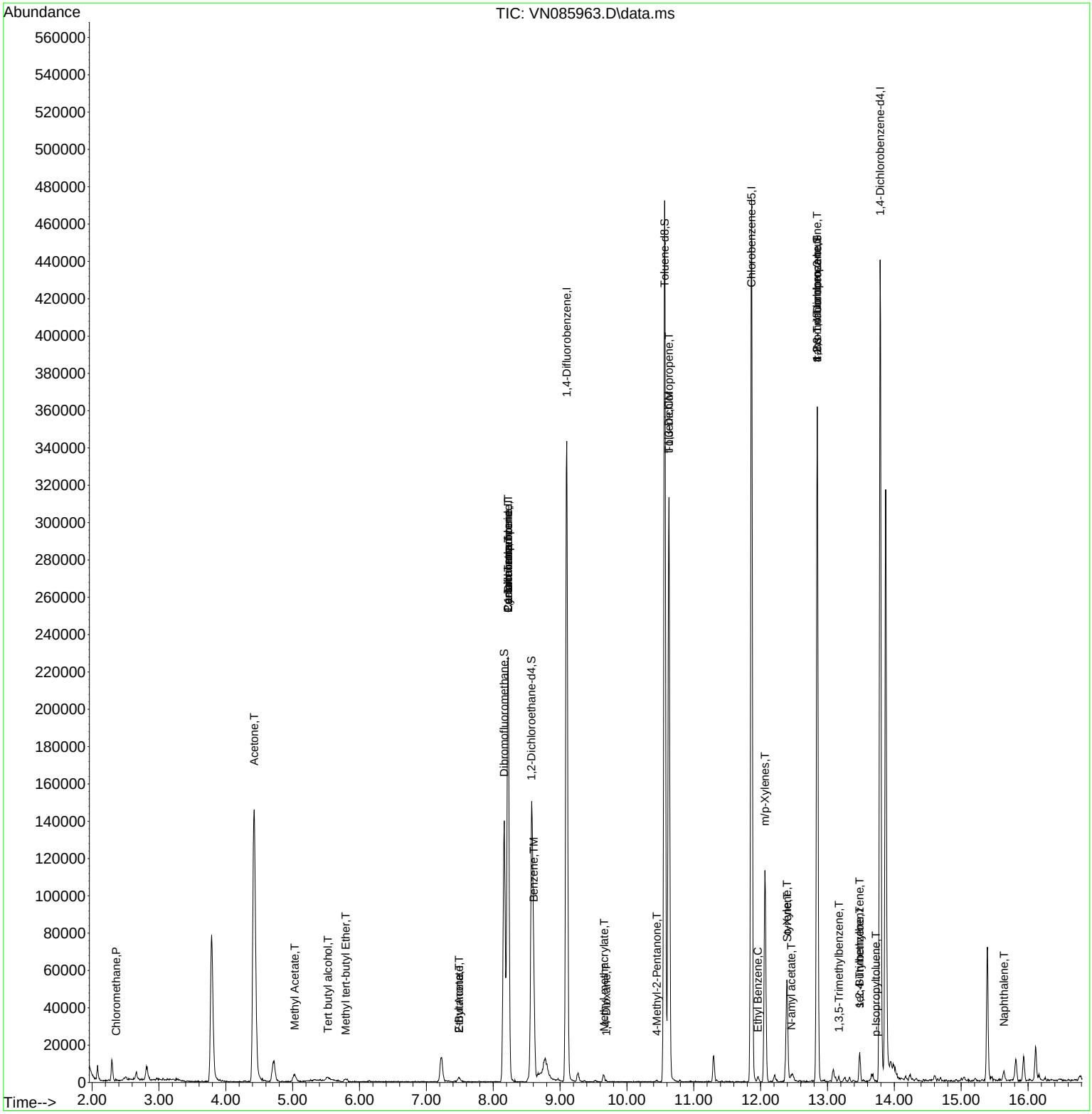
(#) = qualifier out of range (m) = manual integration (+) = signals summed

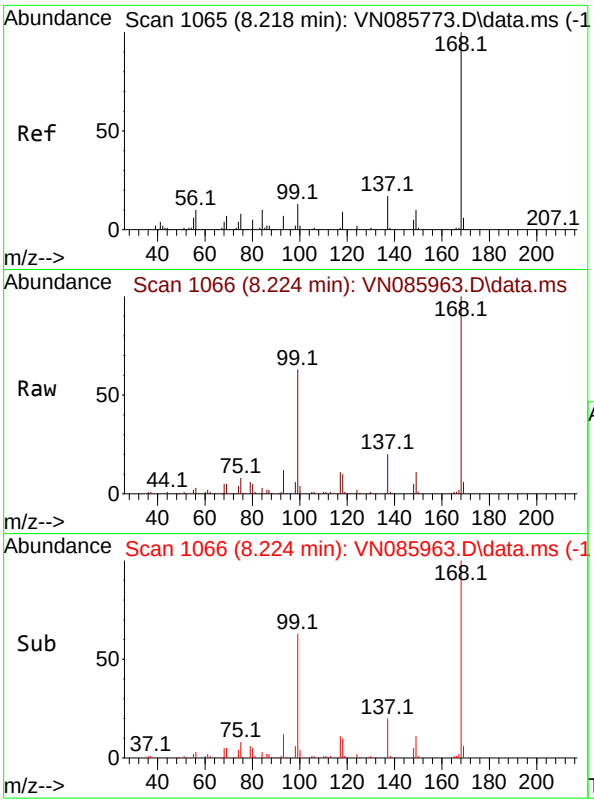
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085963.D
Acq On : 12 Mar 2025 16:30
Operator : JC\MD
Sample : Q1528-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
22425

Quant Time: Mar 13 01:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration



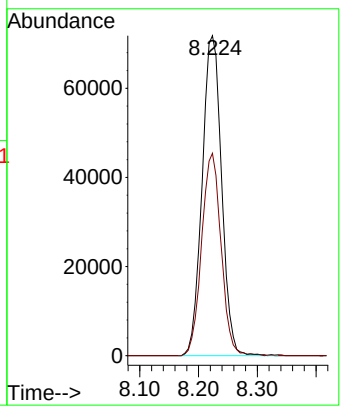


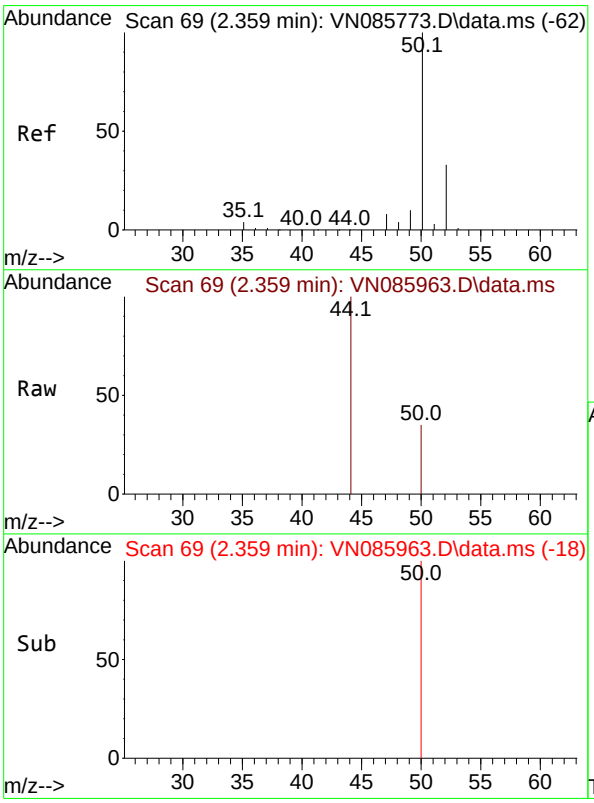
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:168 Resp: 165136

Ion	Ratio	Lower	Upper
168	100		
99	63.3	47.9	71.9

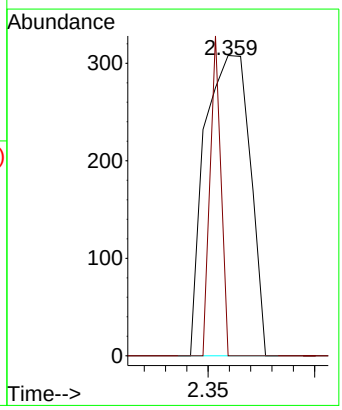


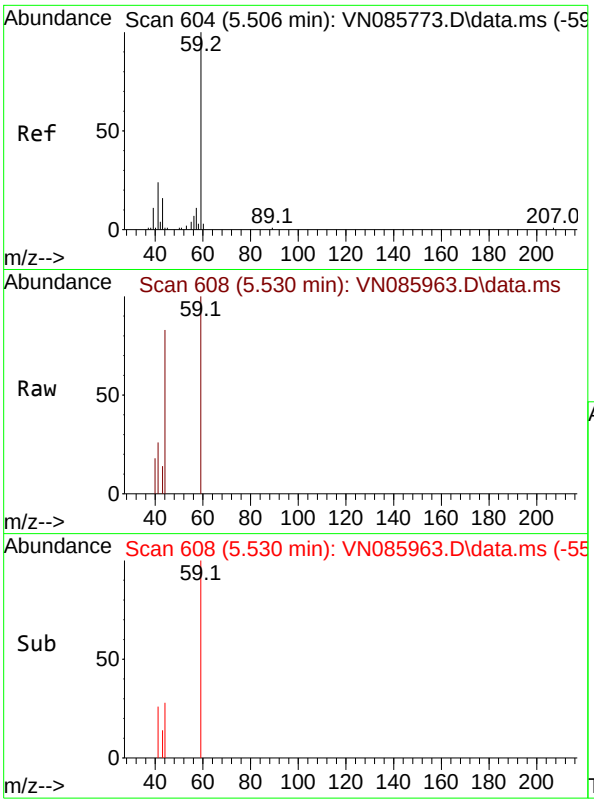


#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 50 Resp: 456

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.7	40.1#



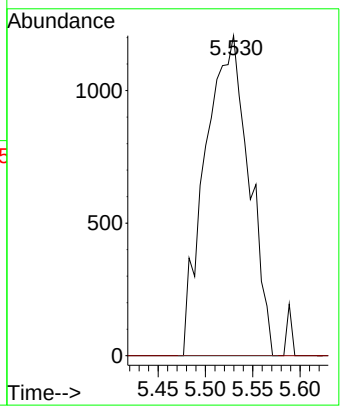


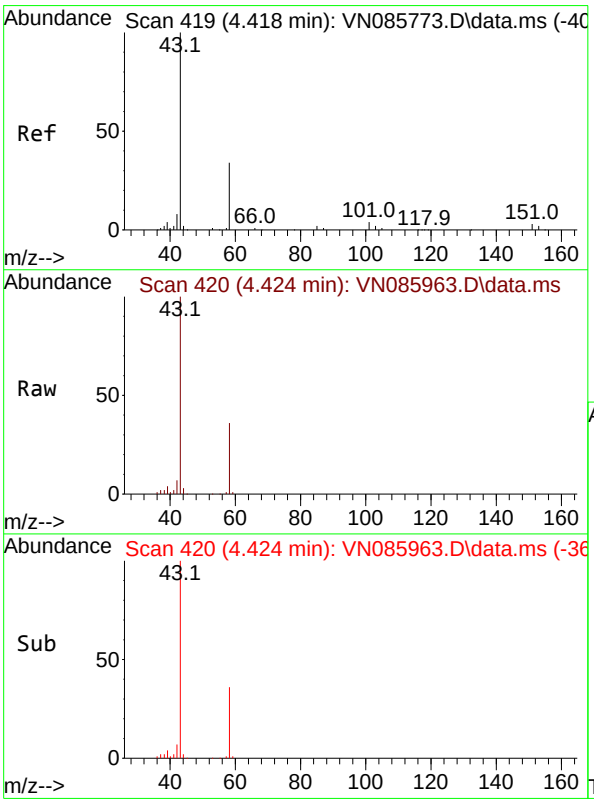
#11
Tert butyl alcohol
Concen: 14.651 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.023 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 59 Resp: 3858

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

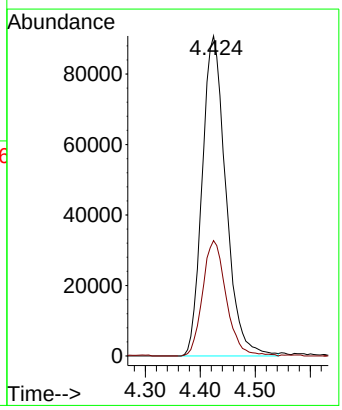


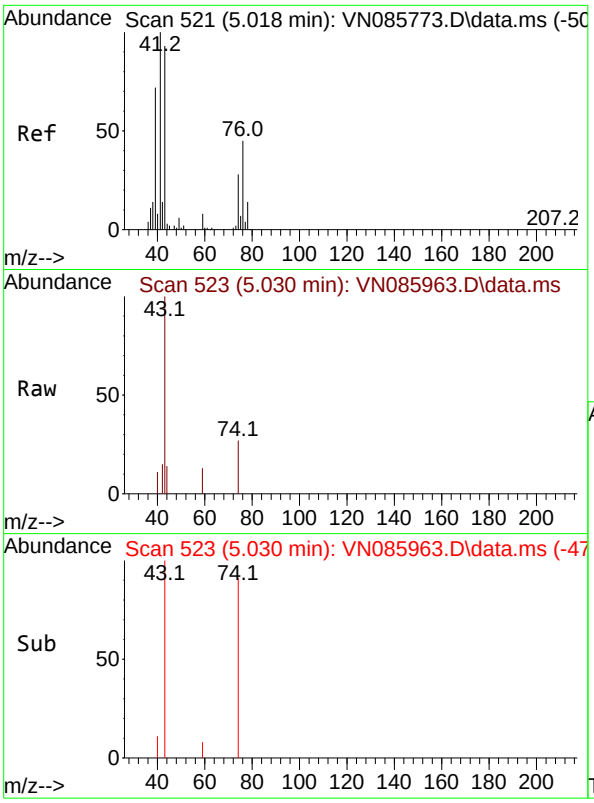


#16
Acetone
Concen: 400.479 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 43 Resp: 271296

Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.5	41.3



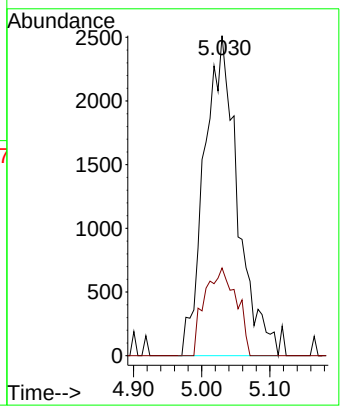


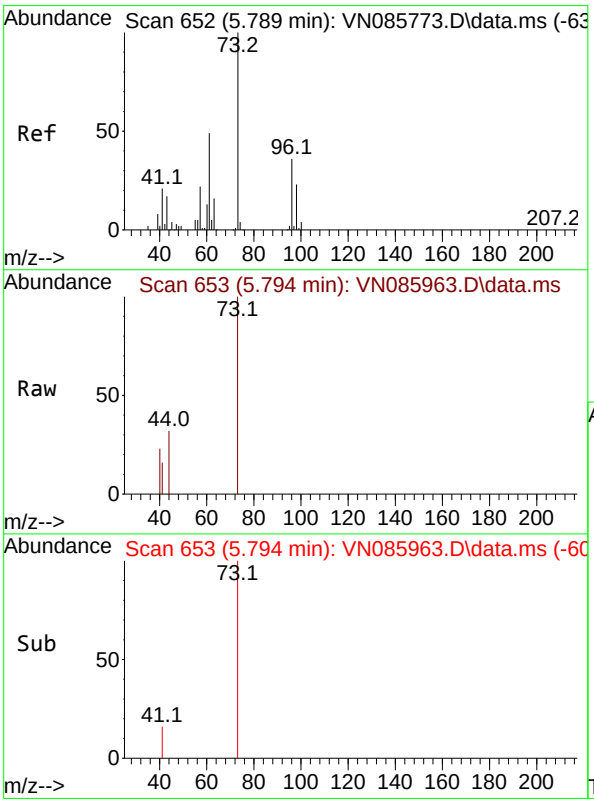
#18
Methyl Acetate
Concen: 3.670 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 43 Resp: 8552

Ion	Ratio	Lower	Upper
43	100		
74	26.0	22.2	33.4

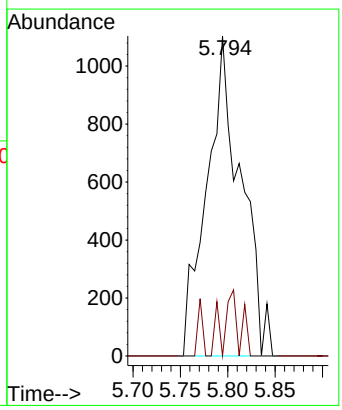


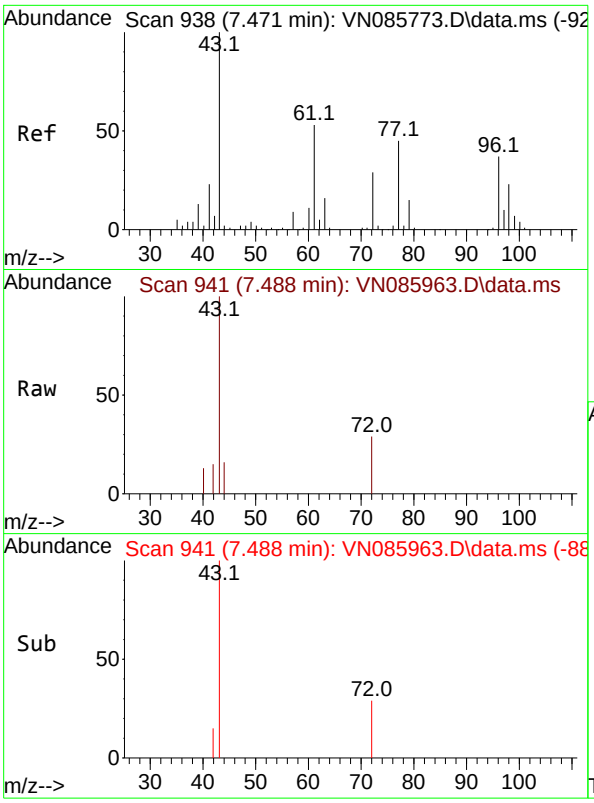


#19
Methyl tert-butyl Ether
Concen: 0.515 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 73 Resp: 2772

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.6	26.4#



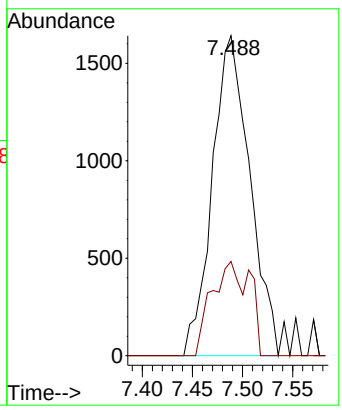


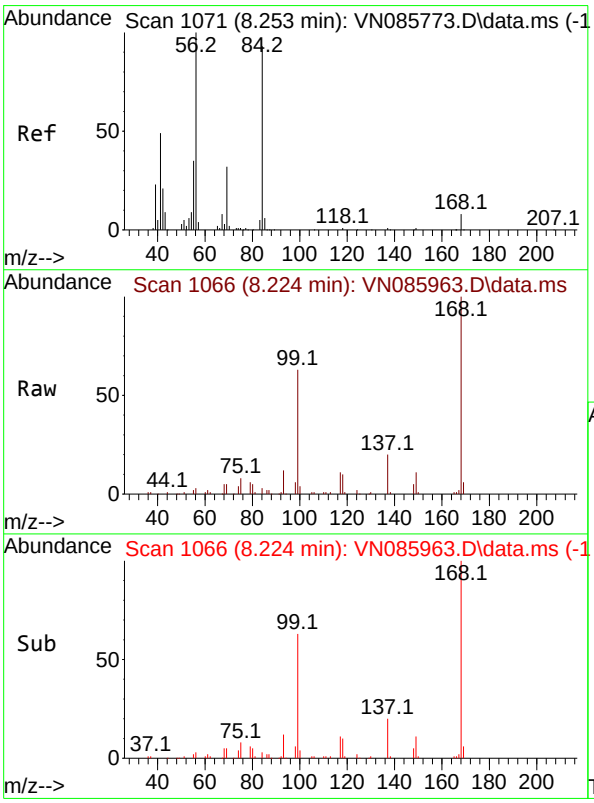
#25
2-Butanone
Concen: 4.285 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 43 Resp: 4271

Ion	Ratio	Lower	Upper
43	100		
72	29.5	23.6	35.4

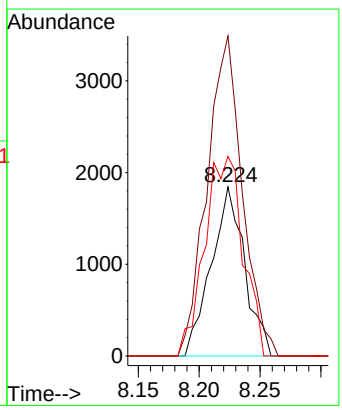


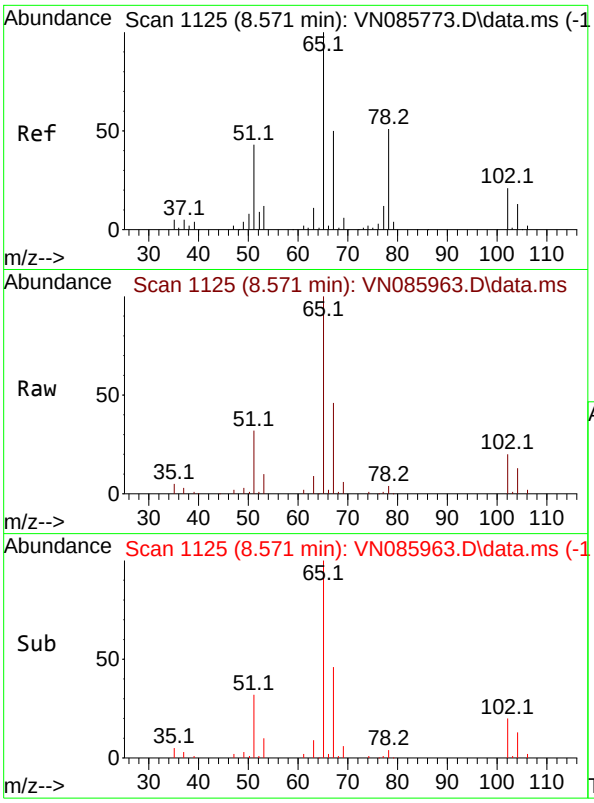


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 56 Resp: 3517

Ion	Ratio	Lower	Upper
56	100		
69	189.4	25.8	38.6#
84	118.1	74.5	111.7#



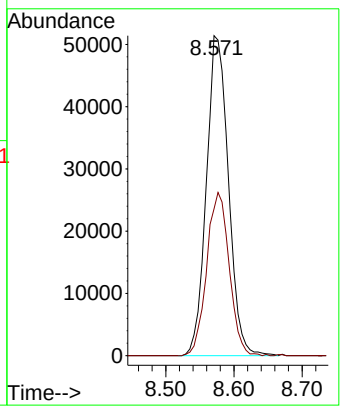


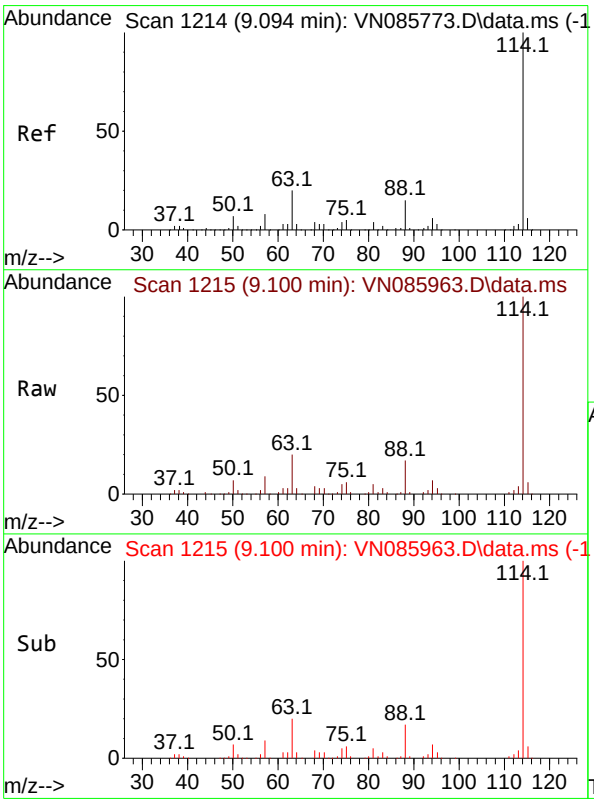
#33
1,2-Dichloroethane-d4
Concen: 54.092 ug/l
RT: 8.571 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 65 Resp: 115807

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2

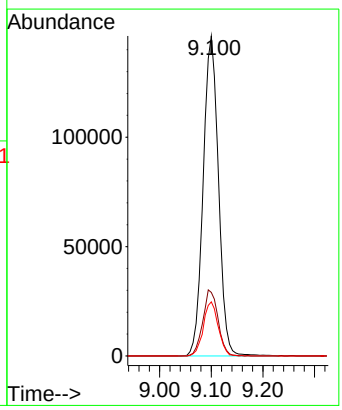


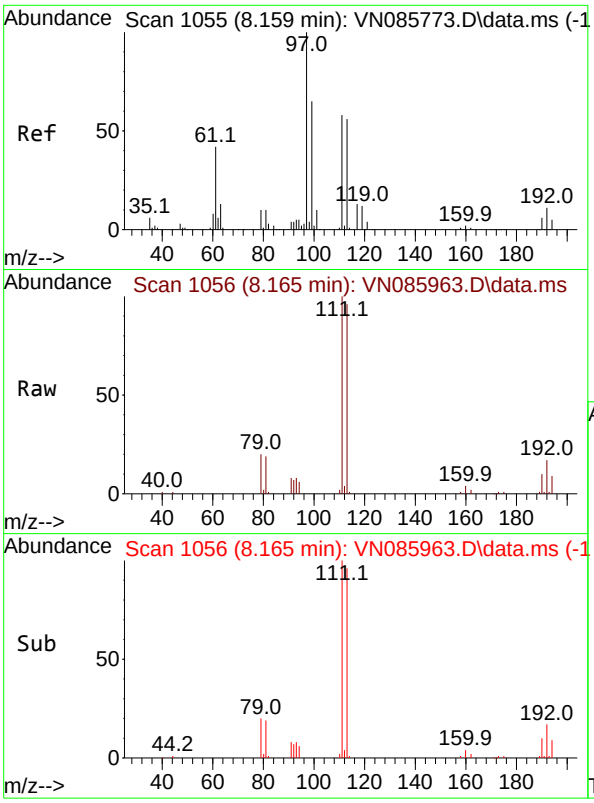


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:114 Resp: 300470

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	16.9	0.0	30.0



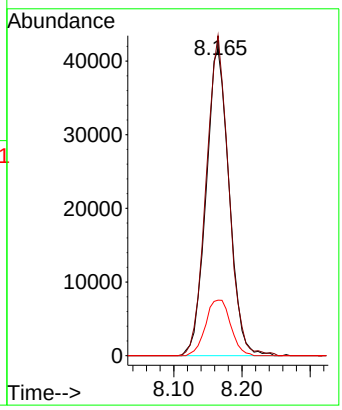


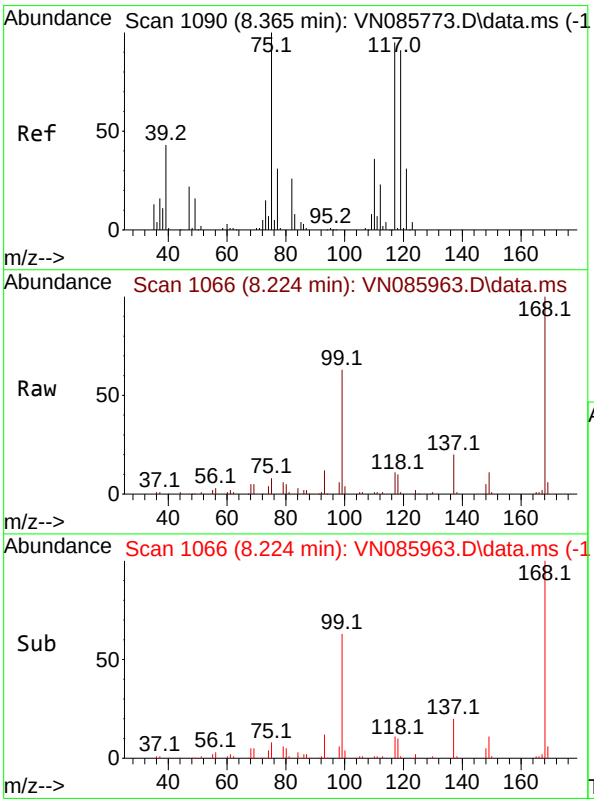
#35
Dibromofluoromethane
Concen: 49.771 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:113 Resp: 97857

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	19.7	14.7	22.1

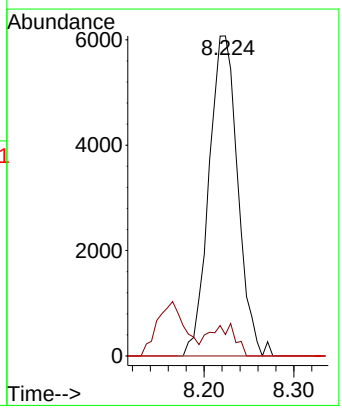


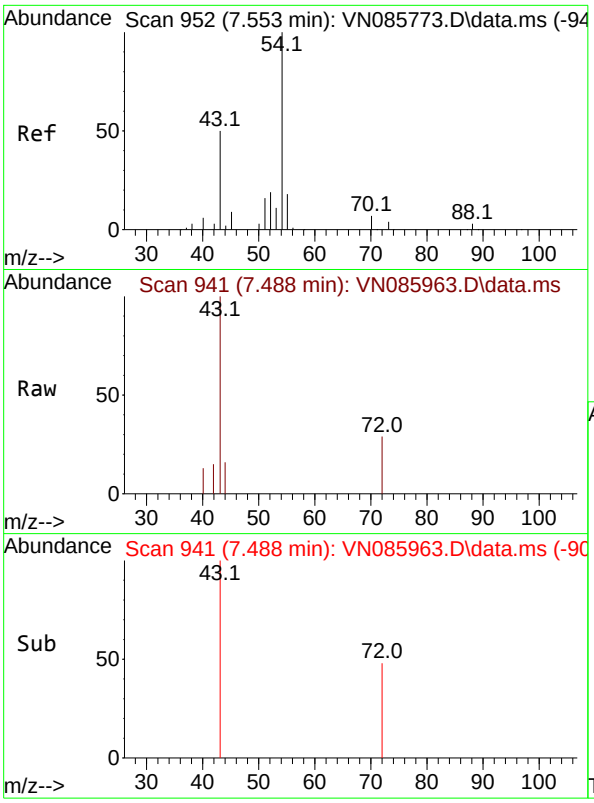


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 75 Resp: 13568

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.3	52.0#
77	0.0	24.6	37.0#



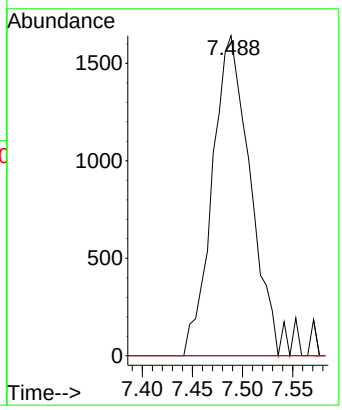


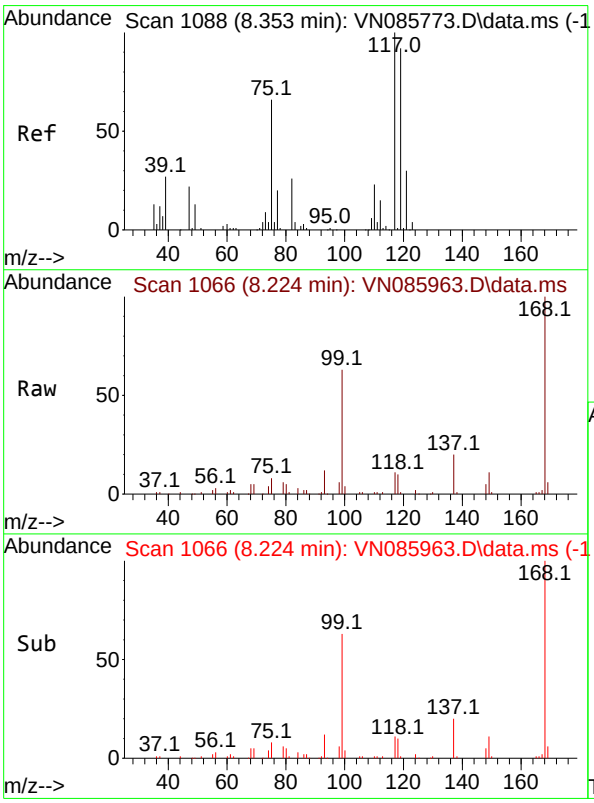
#37
Ethyl Acetate
Concen: 1.865 ug/l
RT: 7.488 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 43 Resp: 4271

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.2#
70	0.0	9.5	14.3#

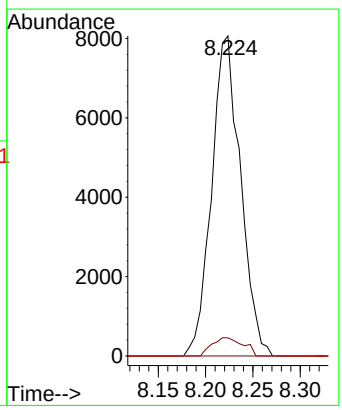


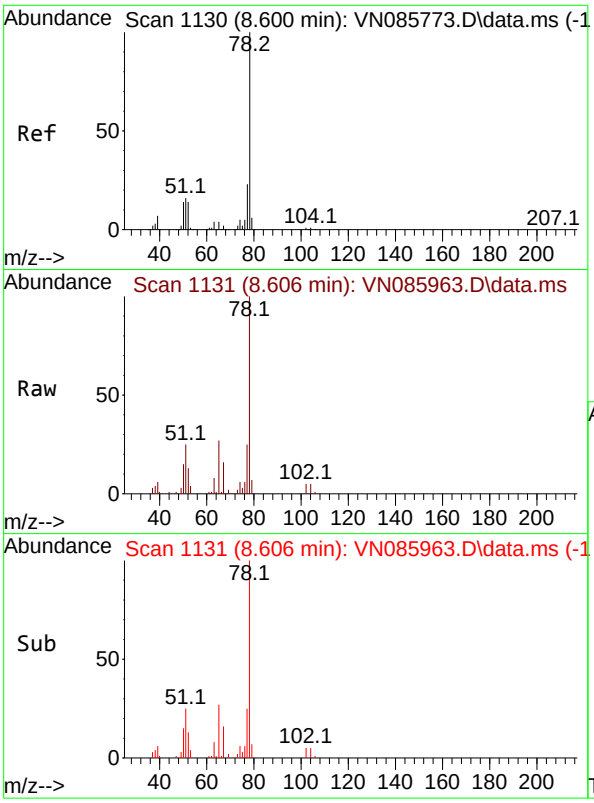


#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:117 Resp: 17127

Ion	Ratio	Lower	Upper
117	100		
119	5.7	73.8	110.6#
121	0.0	24.3	36.5#



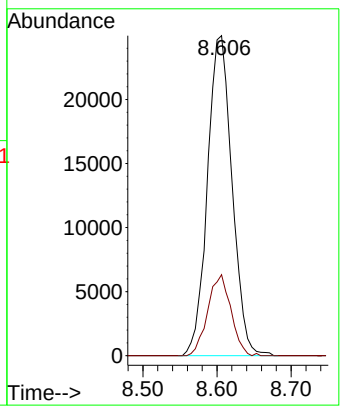


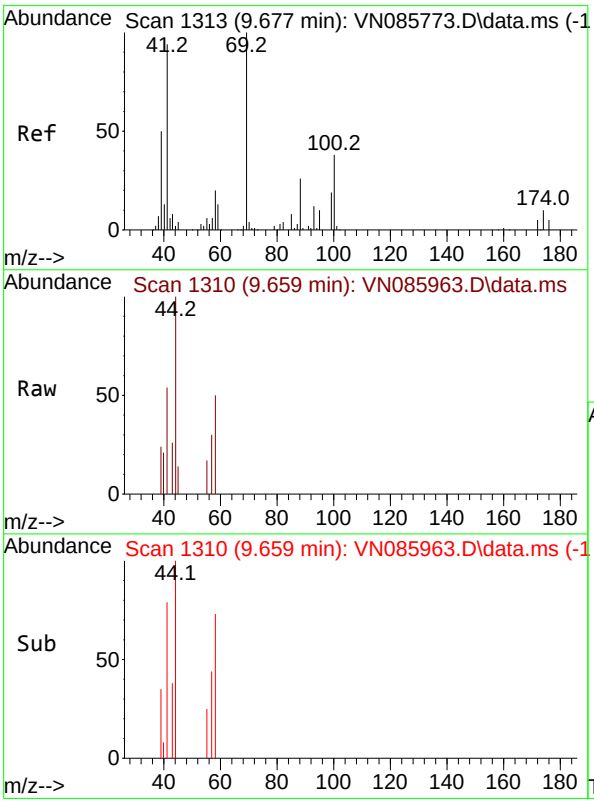
#40
Benzene
Concen: 6.463 ug/l
RT: 8.606 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 78 Resp: 57642

Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.3	27.5

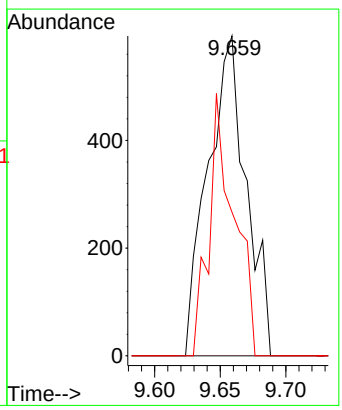


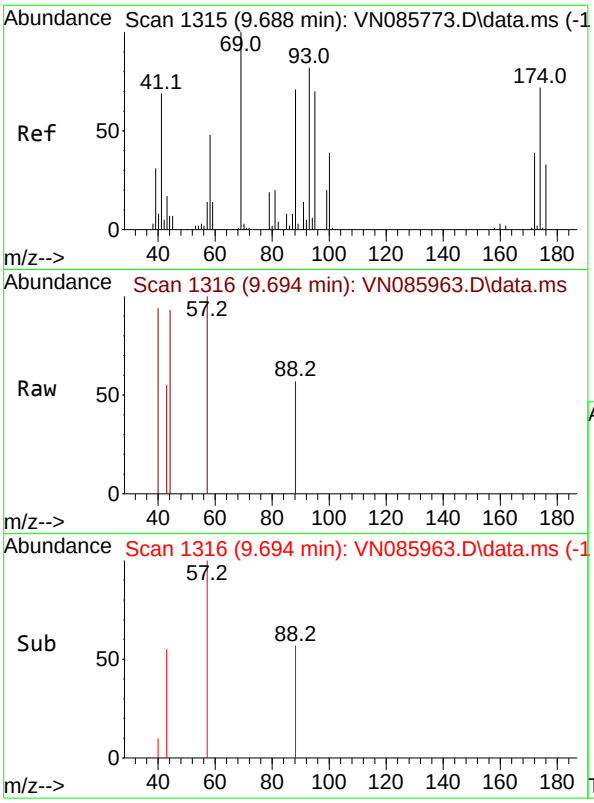


#48
Methyl methacrylate
Concen: 0.711 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.018 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 41 Resp: 1209

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	53.7	42.3	63.5



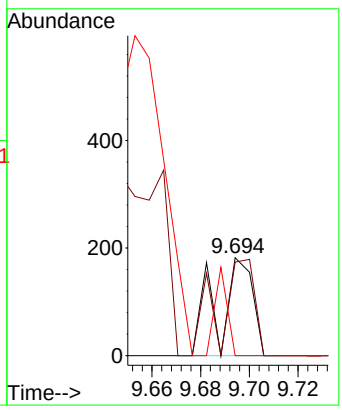


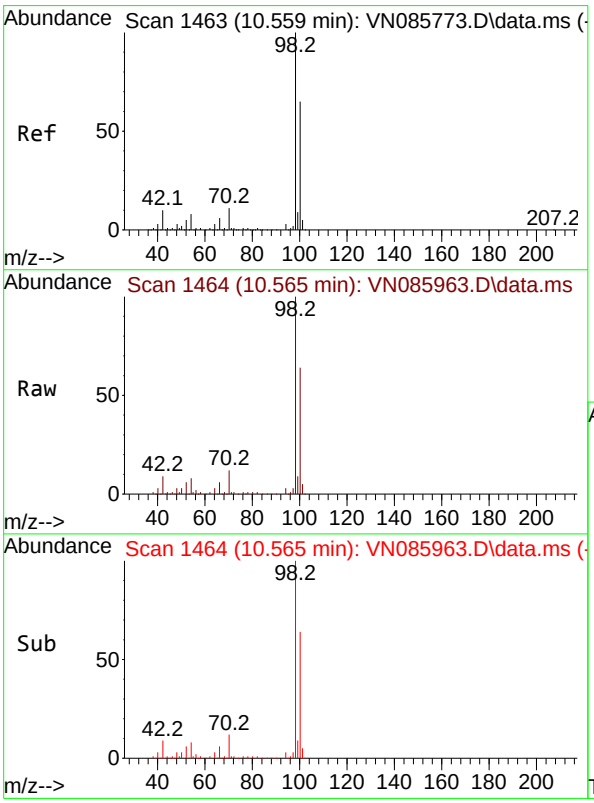
#49
1,4-Dioxane
Concen: 5.566 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 88 Resp: 180

Ion	Ratio	Lower	Upper
88	100		
43	99.4	18.6	27.8#
58	32.2	56.7	85.1#

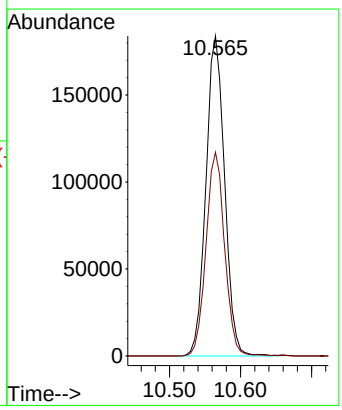


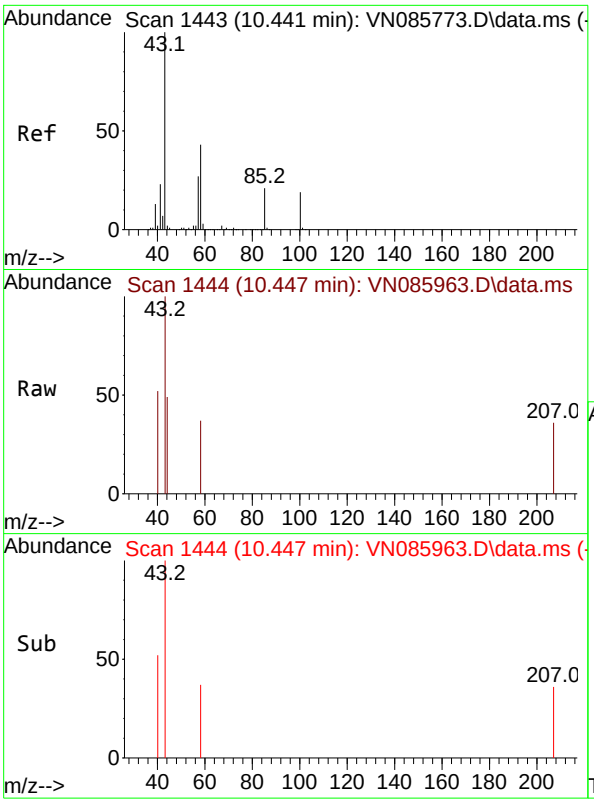


#50
Toluene-d8
Concen: 46.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 98 Resp: 335928

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.1	78.1



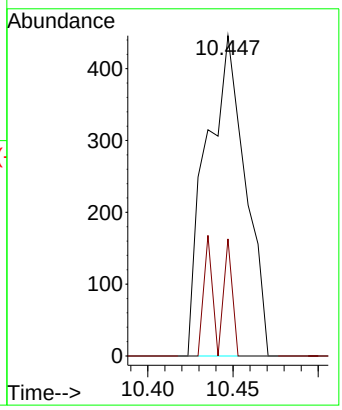


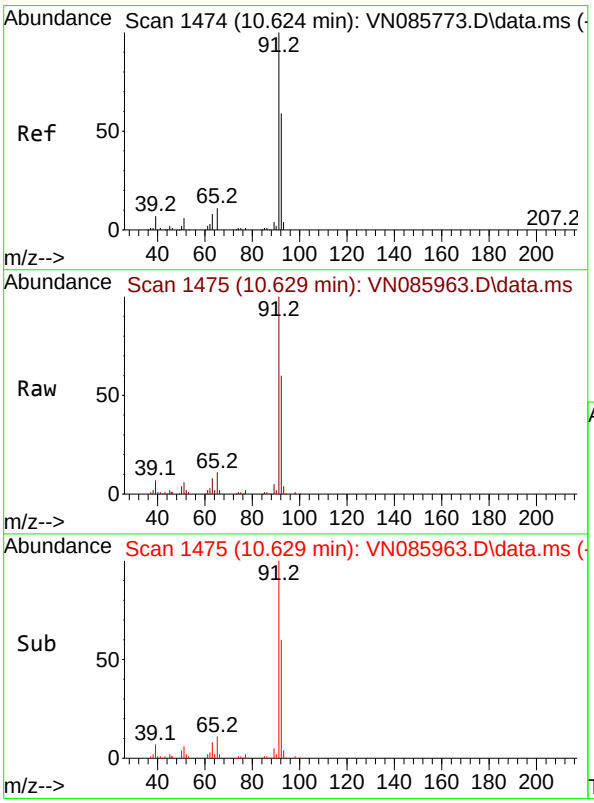
#51
4-Methyl-2-Pentanone
Concen: 0.321 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 43 Resp: 709

Ion	Ratio	Lower	Upper
43	100		
58	16.5	34.6	52.0#

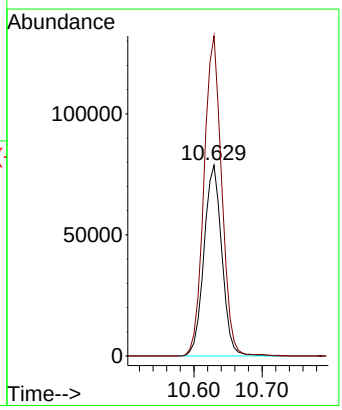


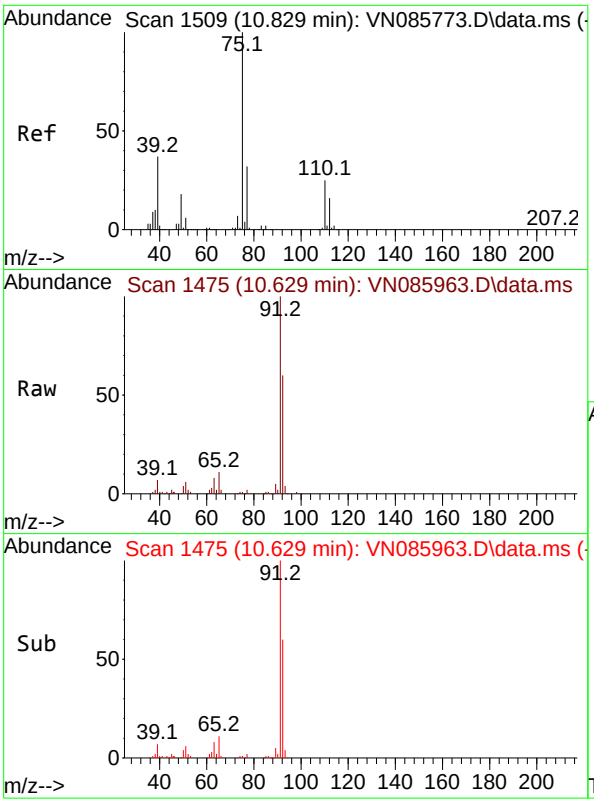


#52
Toluene
Concen: 27.465 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 92 Resp: 143582

Ion	Ratio	Lower	Upper
92	100		
91	165.8	136.9	205.3



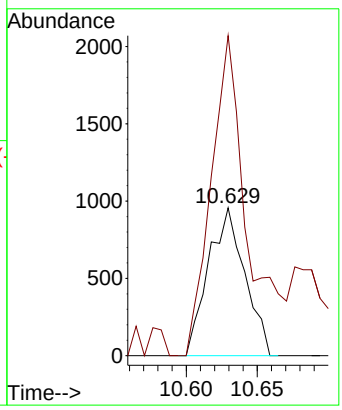


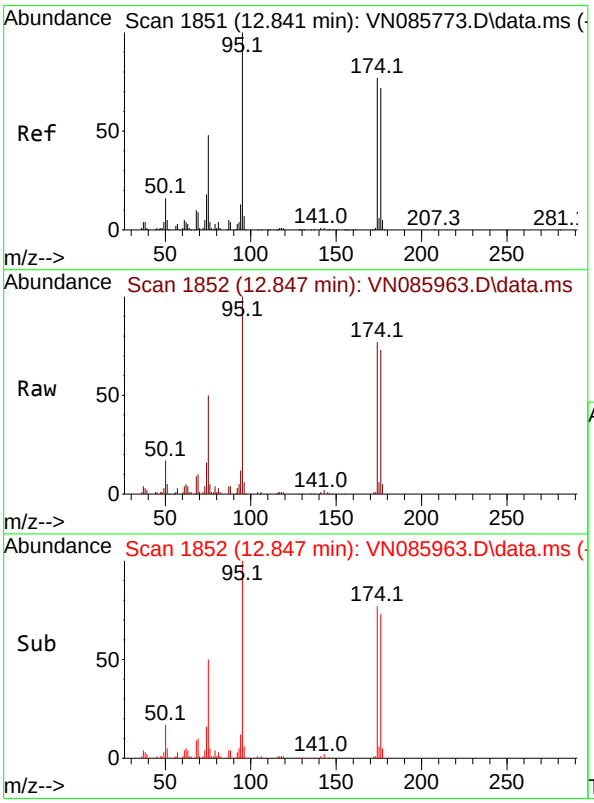
#53
t-1,3-Dichloropropene
Concen: 0.568 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 75 Resp: 1706

Ion	Ratio	Lower	Upper
75	100		
77	216.5	25.4	38.0#

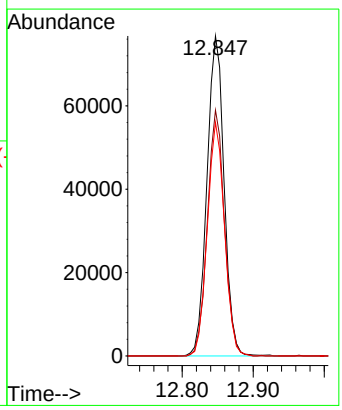


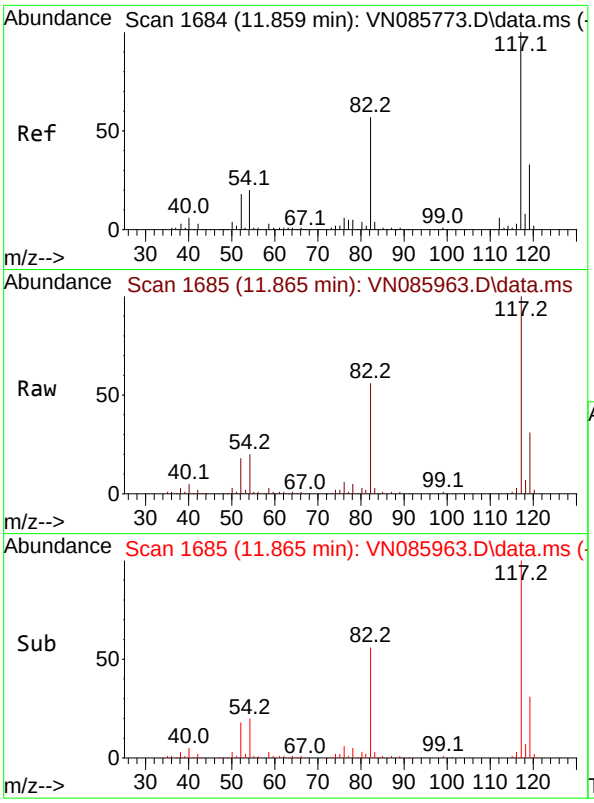


#62
4-Bromofluorobenzene
Concen: 54.647 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 95 Resp: 128796

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	152.4
176	73.0	0.0	146.6



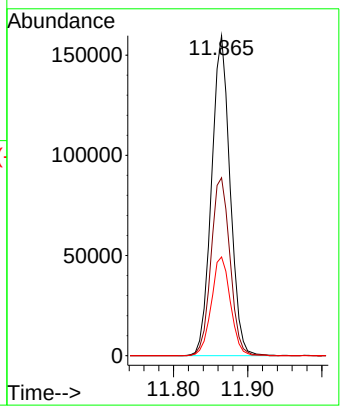


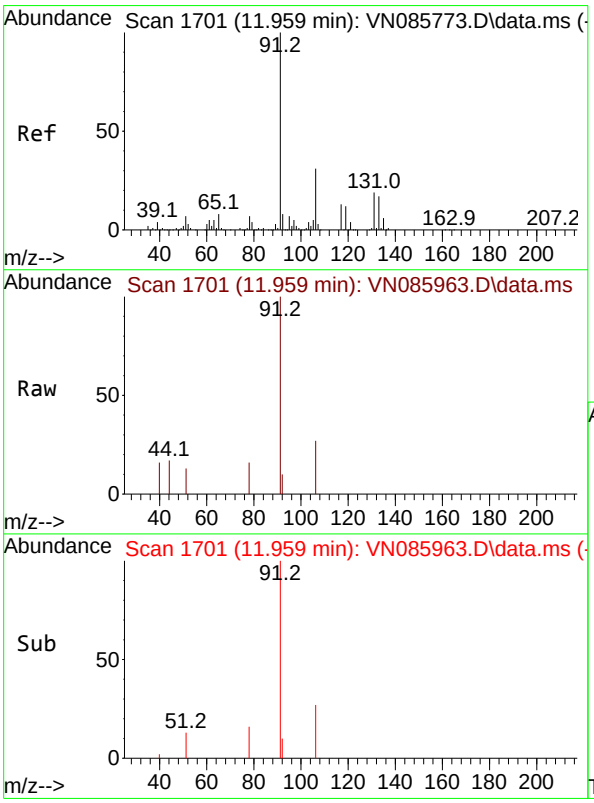
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:117 Resp: 276502

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.7	68.5
119	30.8	26.2	39.2

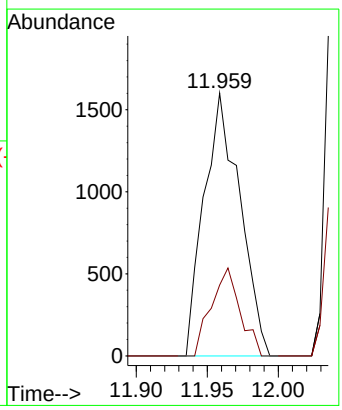


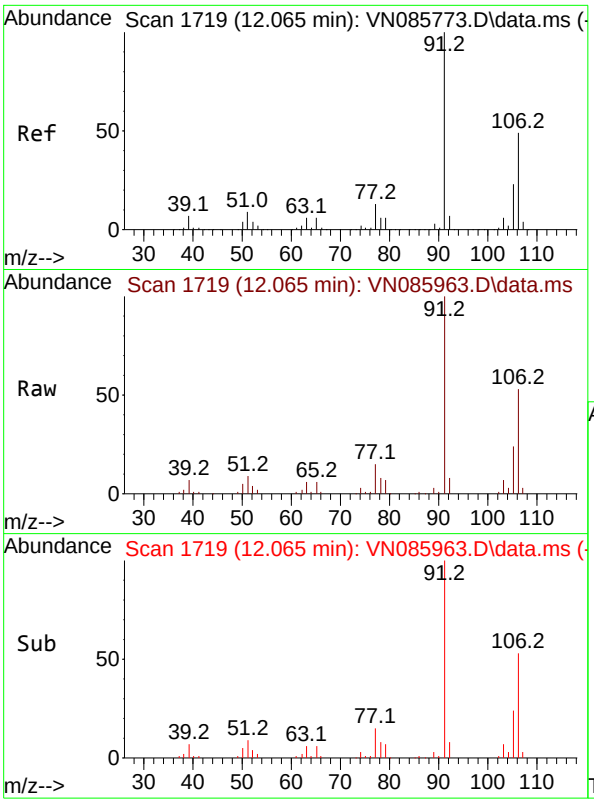


#67
Ethyl Benzene
Concen: 0.284 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 91 Resp: 2815

Ion	Ratio	Lower	Upper
91	100		
106	27.0	24.7	37.1



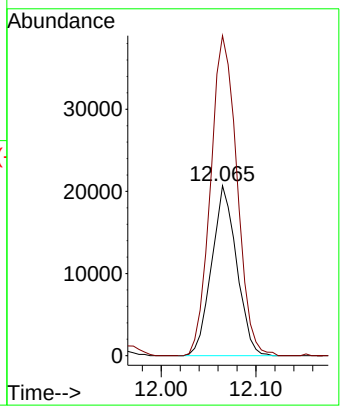


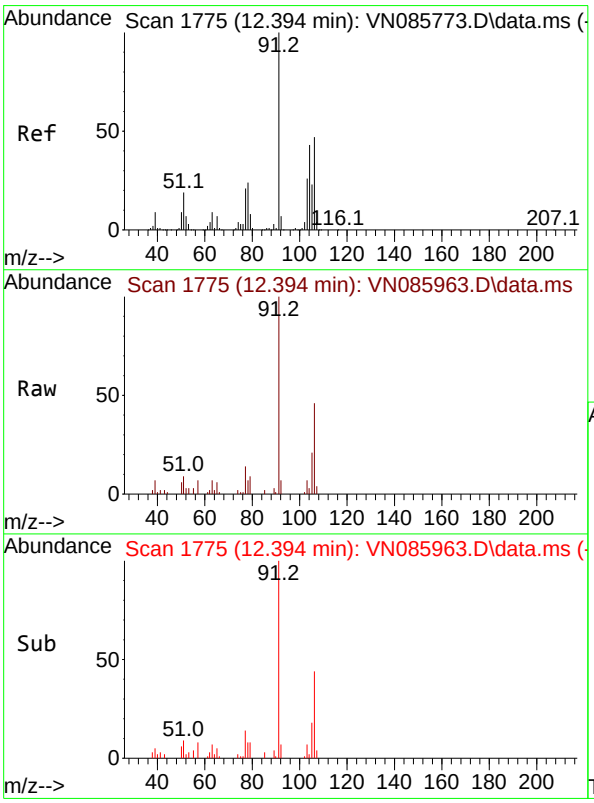
#68
m/p-Xylenes
Concen: 10.053 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:106 Resp: 37888

Ion	Ratio	Lower	Upper
106	100		
91	198.9	163.3	244.9

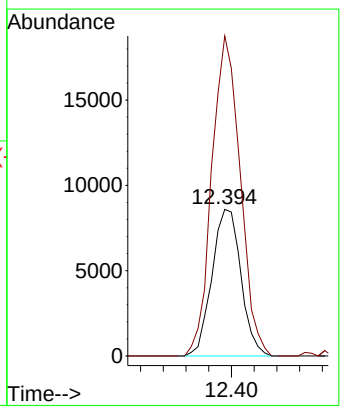


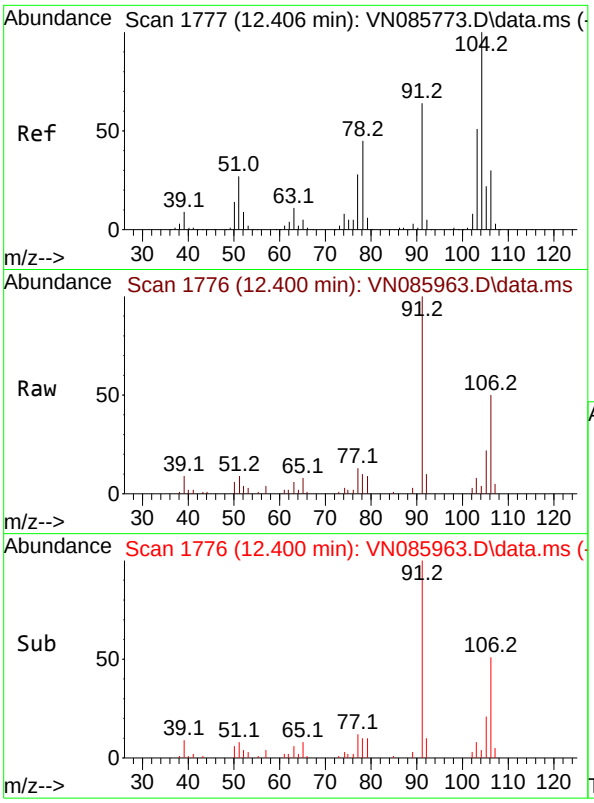


#69
o-Xylene
Concen: 4.241 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:106 Resp: 15188

Ion	Ratio	Lower	Upper
106	100		
91	214.7	107.1	321.4



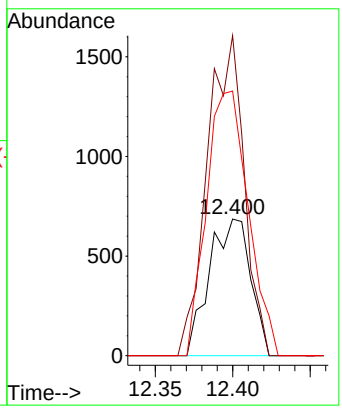


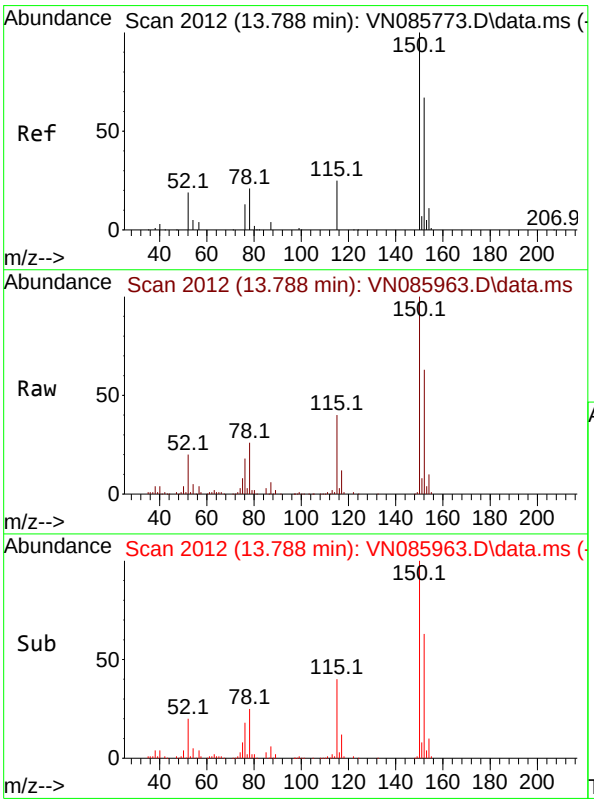
#70
Styrene
Concen: 0.792 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:104 Resp: 1267

Ion	Ratio	Lower	Upper
104	100		
78	209.9	39.0	58.6#
103	196.3	43.3	64.9#

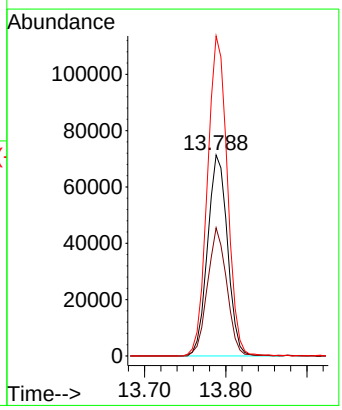


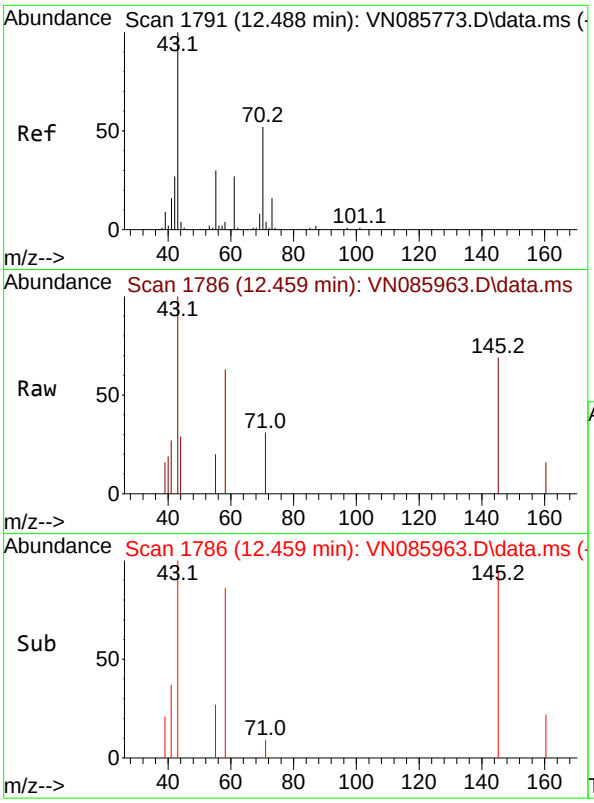


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:152 Resp: 121528

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.4	91.3
150	159.1	0.0	345.4



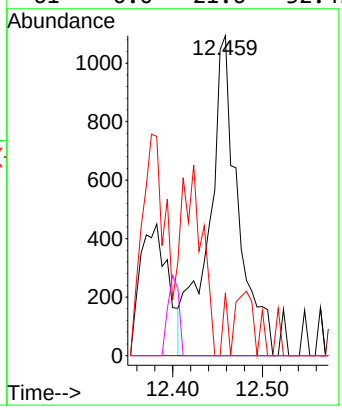


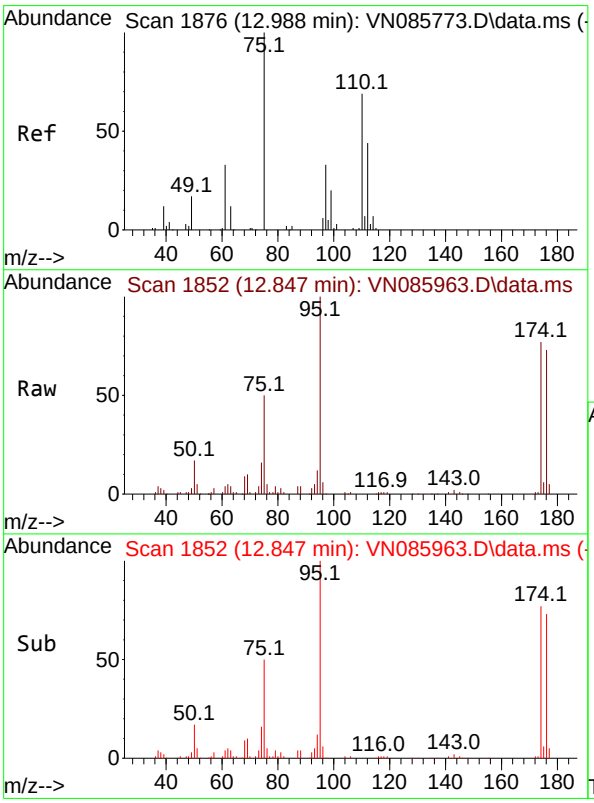
#74
N-amyl acetate
Concen: 0.844 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 43 Resp: 2479

Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.0	61.4#
55	3.1	24.6	36.8#
61	0.0	21.6	32.4#

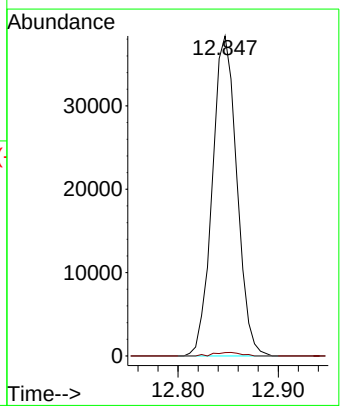


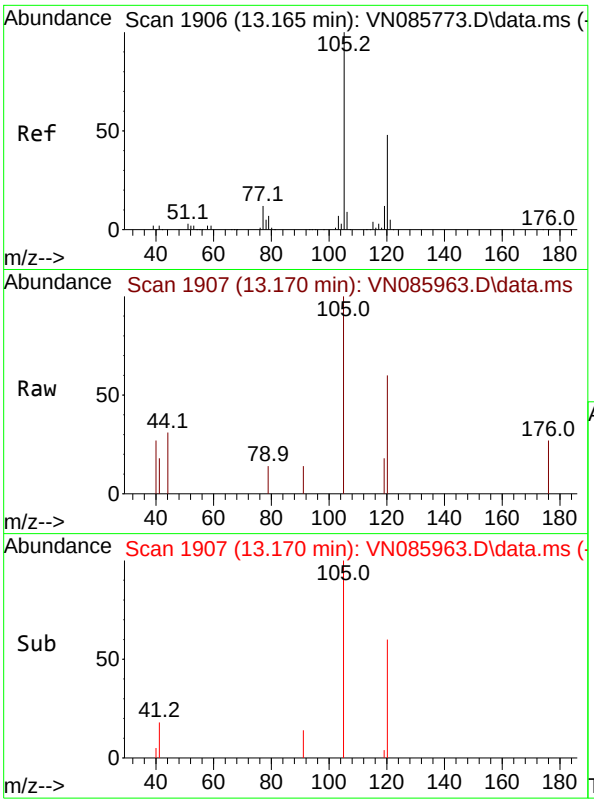


#76
1,2,3-Trichloropropane
Concen: 24.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 75 Resp: 65264

Ion	Ratio	Lower	Upper
75	100		
77	1.2	100.0	300.0#



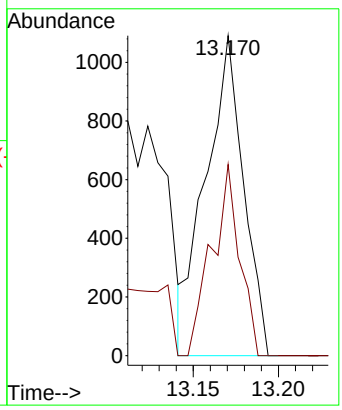


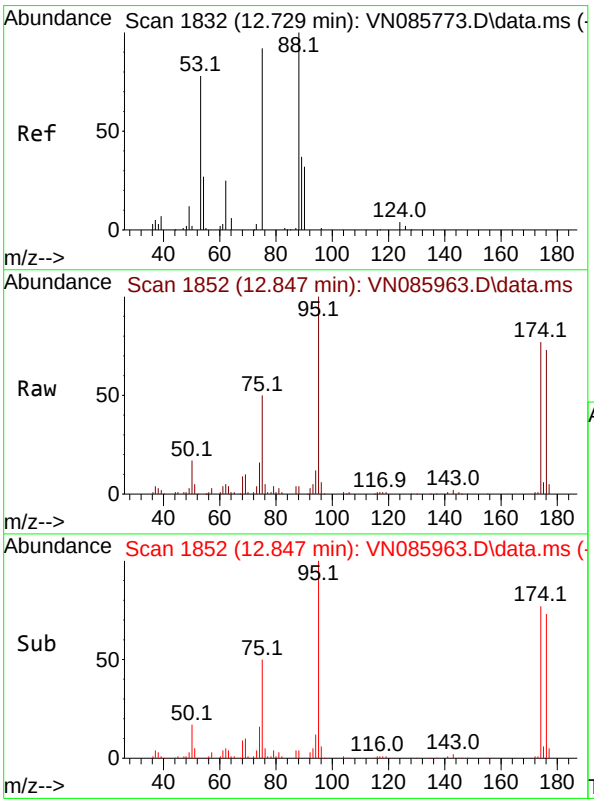
#80
1,3,5-Trimethylbenzene
Concen: 0.248 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:105 Resp: 1682

Ion	Ratio	Lower	Upper
105	100		
120	44.2	24.3	72.9

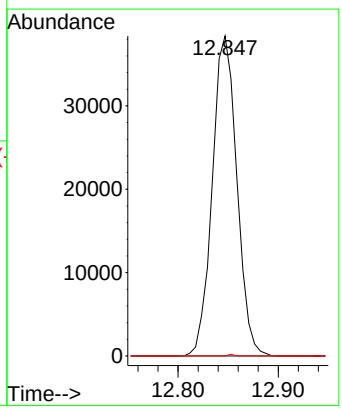


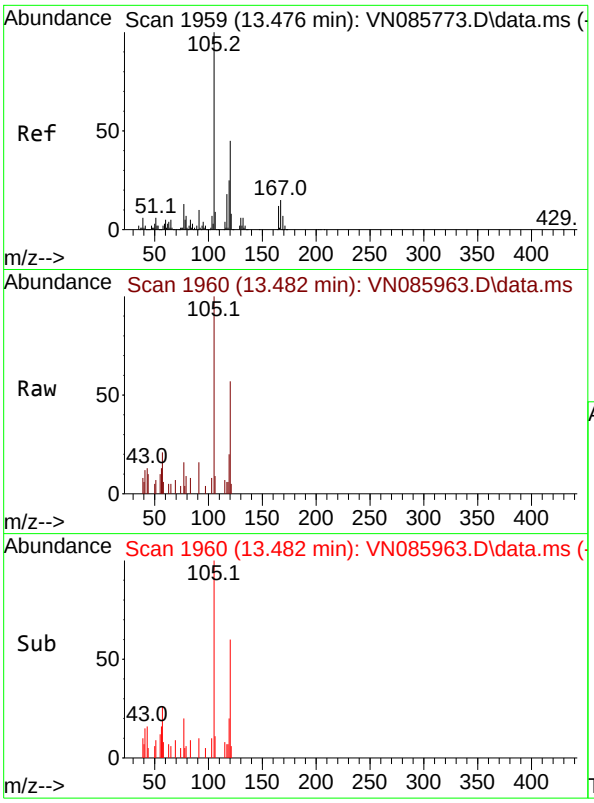


#81
trans-1,4-Dichloro-2-butene
Concen: 70.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion: 75 Resp: 65264

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.1	34.9	52.3#



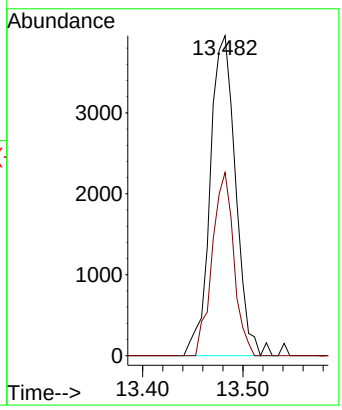


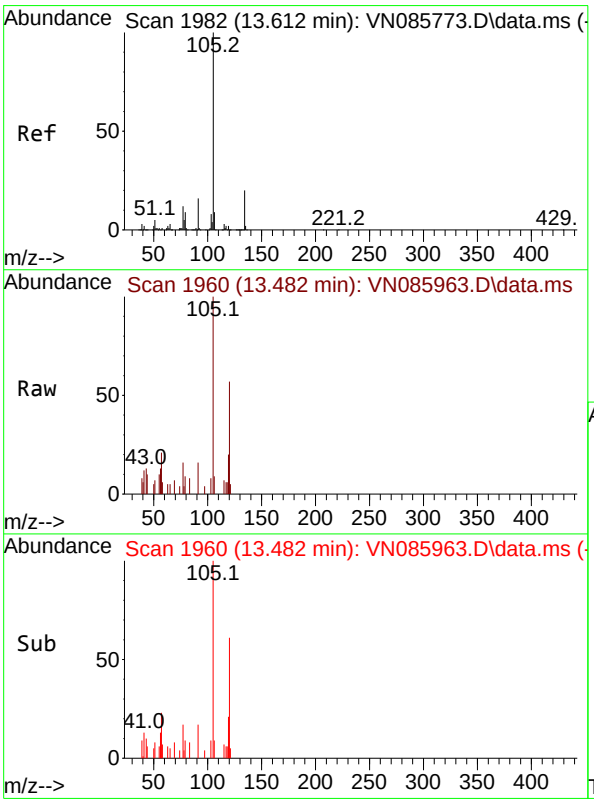
#84
1,2,4-Trimethylbenzene
Concen: 1.038 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:105 Resp: 6964

Ion	Ratio	Lower	Upper
105	100		
120	48.5	22.4	67.3

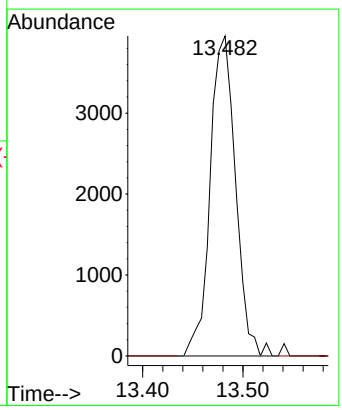


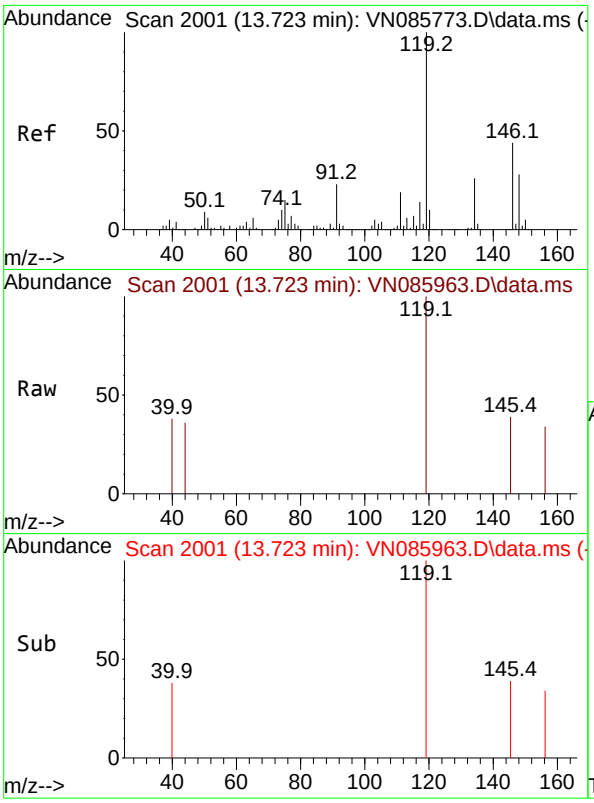


#85
sec-Butylbenzene
Concen: 0.864 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.130 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:105 Resp: 6964

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.4#



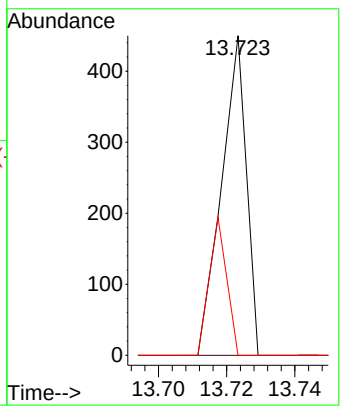


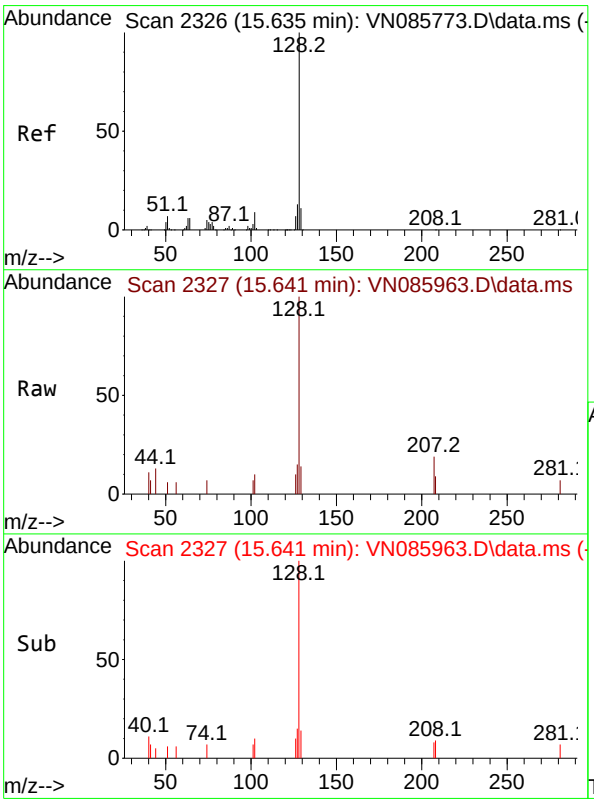
#86
p-Isopropyltoluene
Concen: 0.658 ug/l
RT: 13.723 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:119 Resp: 228

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.0	39.0#
91	29.8	11.7	35.1





#95
Naphthalene
Concen: 0.970 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085963.D
Acq: 12 Mar 2025 16:30

Tgt Ion:128 Resp: 5140

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	12.7	8.7	13.1