Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079533.D
Acq On : 11 Oct 2023 21:36
Operator : JC\MD
Sample : 04823-06DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 06:16:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	326741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	257533	48.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.220%			
35) Dibromofluoromethane	8.171	113	223404	50.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	10.571	98	730264	45.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.520%			
62) 4-Bromofluorobenzene	12.853	95	280466	54.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.506	59	1666	2.089	ug/l #	86
13) Acrolein	4.212	56	30553	38.482	ug/l #	16
16) Acetone	4.430	43	538358	256.202	ug/l #	64
18) Methyl Acetate	5.042	43	7073	0.688	ug/l #	74
20) Methylene Chloride	5.271	84	1214	Below Cal	#	80
22) Diisopropyl ether	6.742	45	197811	14.160	ug/l #	1
23) Vinyl Acetate	6.736	43	484060	61.602	ug/l #	62
25) 2-Butanone	7.494	43	17081	5.477	ug/l #	84
31) Cyclohexane	8.230	56	9798	1.304	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	30687	4.586	ug/l #	48
38) Carbon Tetrachloride	8.236	117	35338	5.275	ug/l #	17
40) Benzene	8.606	78	146969	7.395	ug/l	100
43) Isopropyl Acetate	8.706	43	9241	0.792	ug/l #	49
48) Methyl methacrylate	9.665	41	4796	0.959	ug/l #	26
52) Toluene	10.635	92	148950	12.732	ug/l	100
67) Ethyl Benzene	11.965	91	38363	1.590	ug/l	96
68) m/p-Xylenes	12.071	106	51036	5.820	ug/l	90
69) o-Xylene	12.400	106	21545	2.498	ug/l	91
70) Styrene	12.412	104	12143	0.891	ug/l #	65
71) Bromoform	12.847	173	1005	0.270	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.800	83	33890	3.897	ug/l #	33
76) 1,2,3-Trichloropropane	12.853	75	153621	23.684	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.171	105	6918	0.419	ug/l	86
81) trans-1,4-Dichloro-2-b...	12.853	75	153621	68.721	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.482	105	20575	1.306	ug/l	97
85) sec-Butylbenzene	13.482	105	20575	1.091	ug/l #	57
90) Hexachloroethane	14.341	117	116	Below Cal	#	21
95) Naphthalene	15.647	128	180442	24.031	ug/l	99

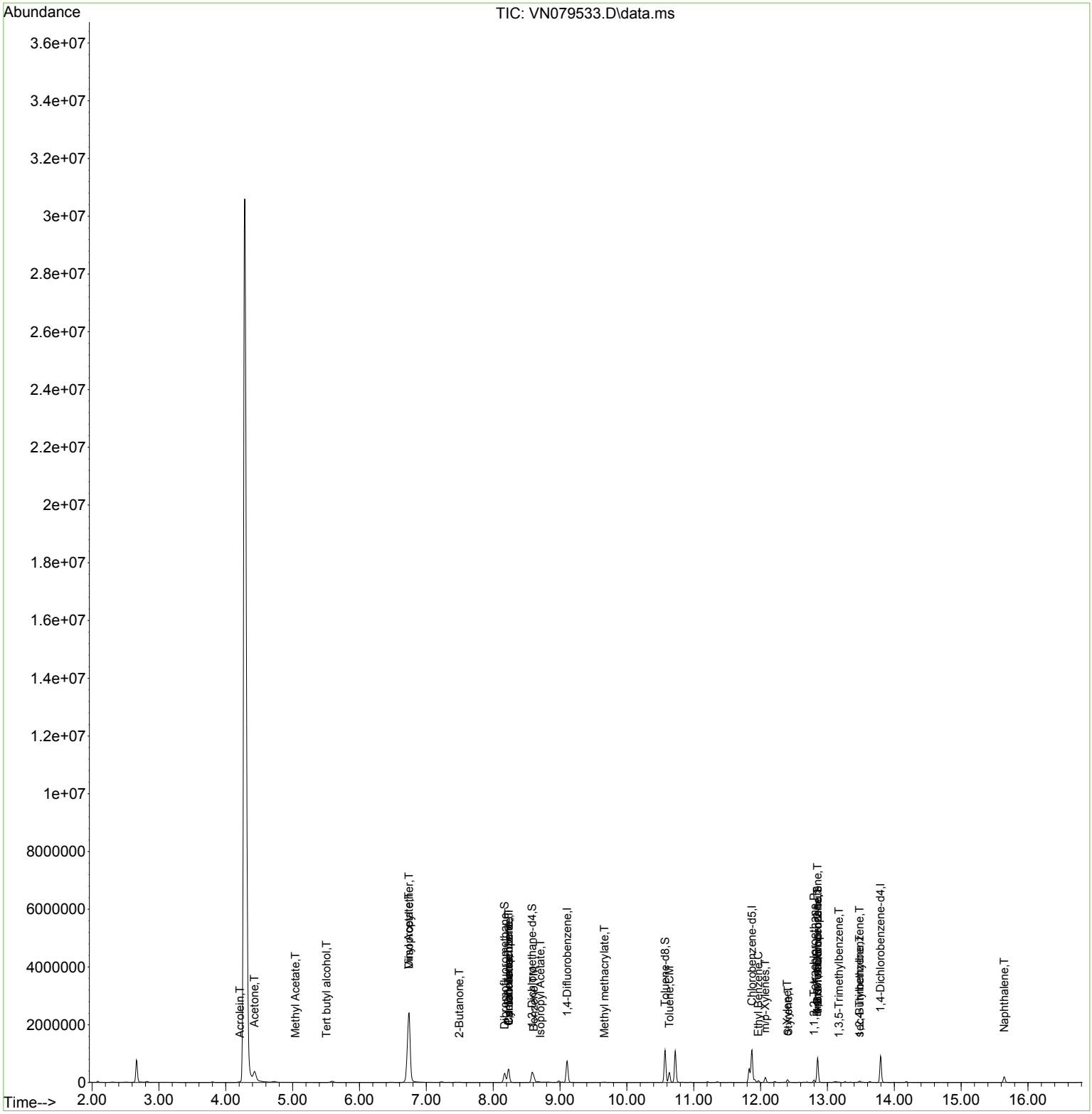
(#) = qualifier out of range (m) = manual integration (+) = signals summed

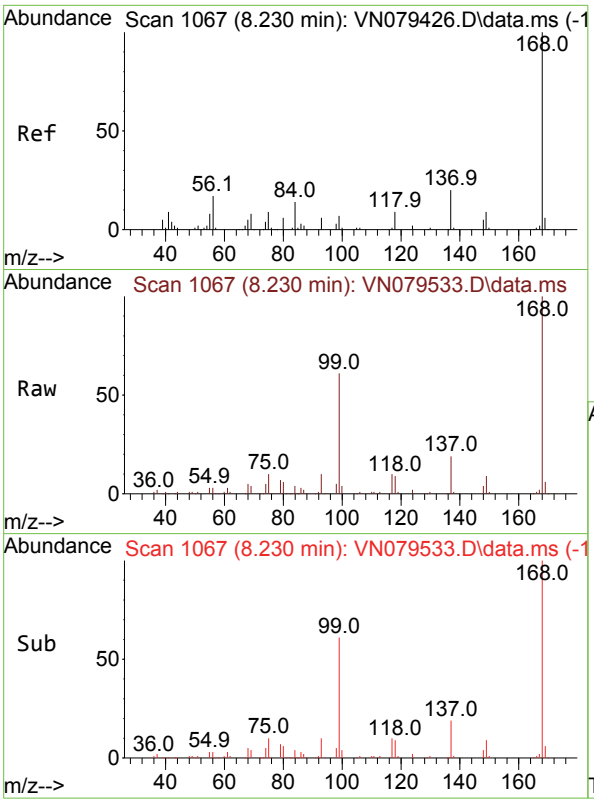
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079533.D
Acq On : 11 Oct 2023 21:36
Operator : JC\MD
Sample : 04823-06DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 06:16:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



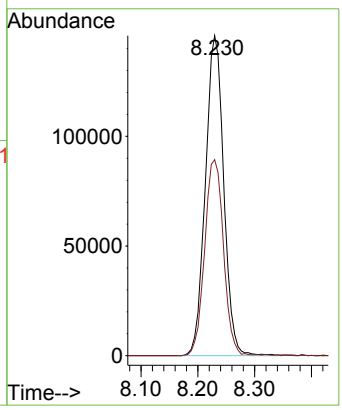


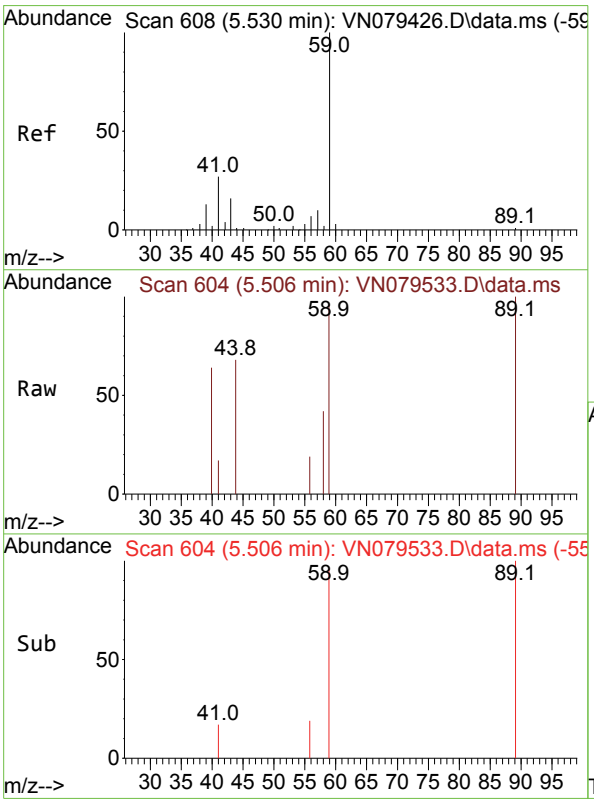
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 326741

Ion	Ratio	Lower	Upper
168	100		
99	61.2	53.0	79.6

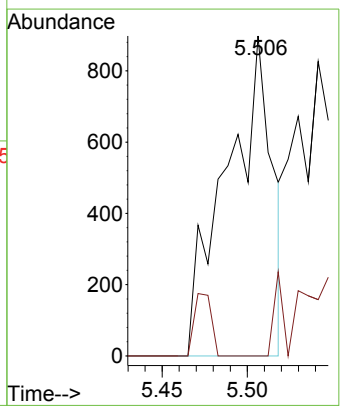


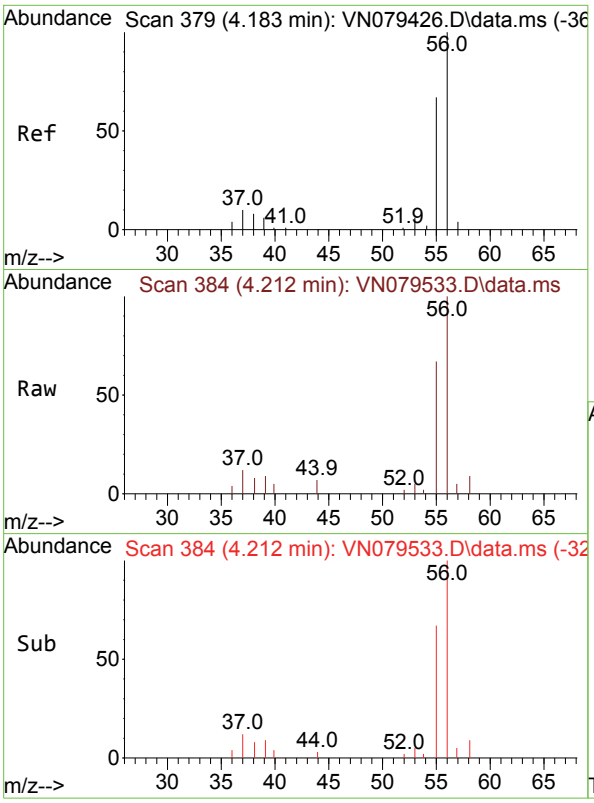


#11
Tert butyl alcohol
Concen: 2.089 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 59 Resp: 1666

Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.2	12.4#



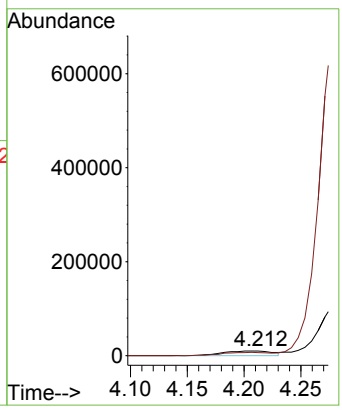


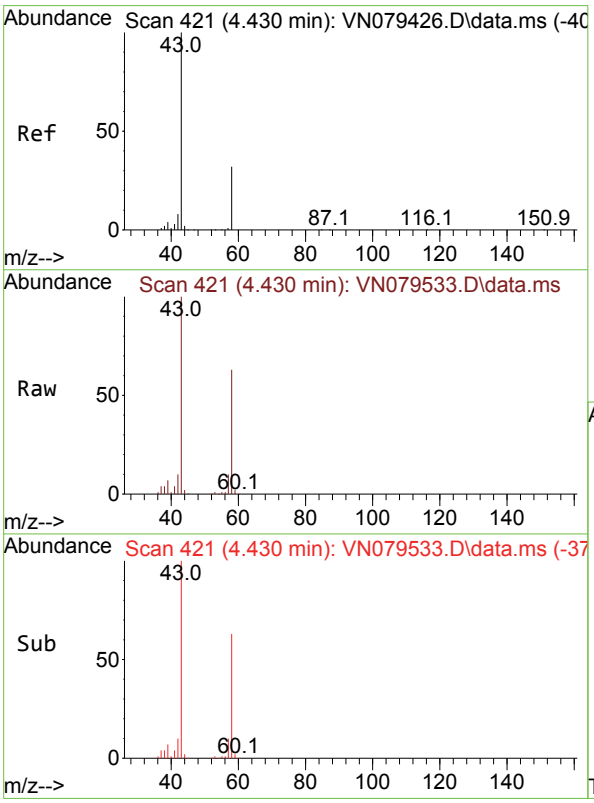
#13
Acrolein
Concen: 38.482 ug/l
RT: 4.212 min Scan# 3
Delta R.T. 0.029 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 30553

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.5	81.7#

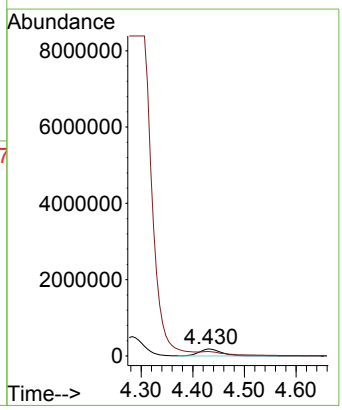


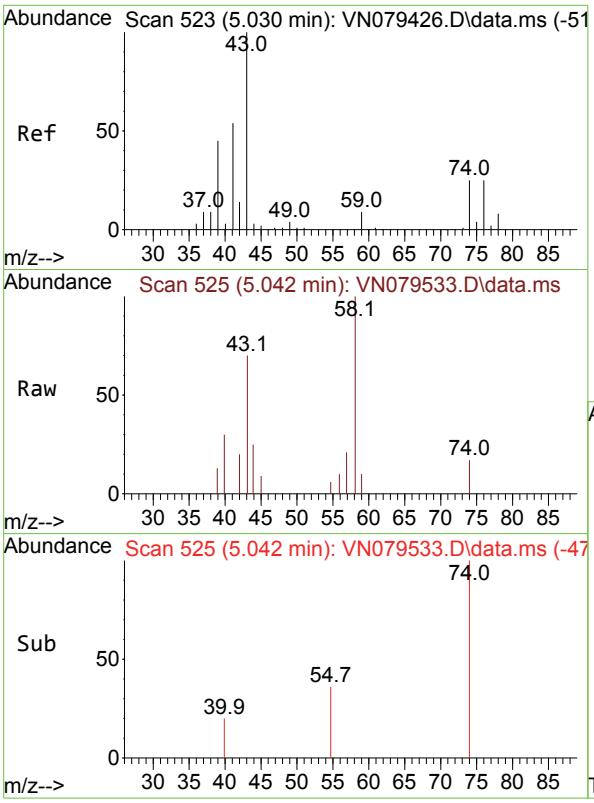


#16
Acetone
Concen: 256.202 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 43 Resp: 538358

Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.0	42.0#



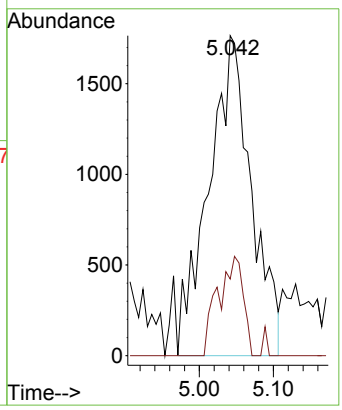


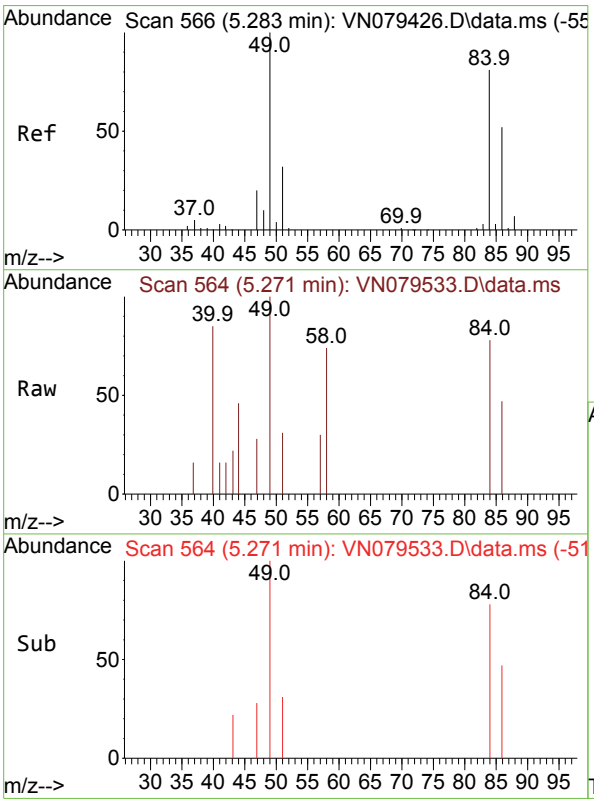
#18
Methyl Acetate
Concen: 0.688 ug/l
RT: 5.042 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7073

Ion	Ratio	Lower	Upper
43	100		
74	18.3	26.2	39.4#

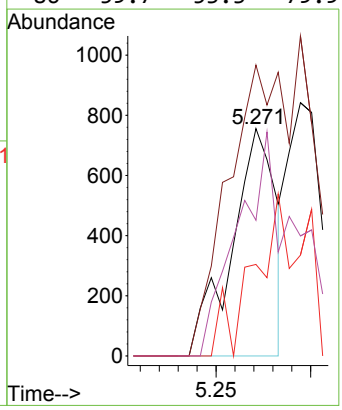


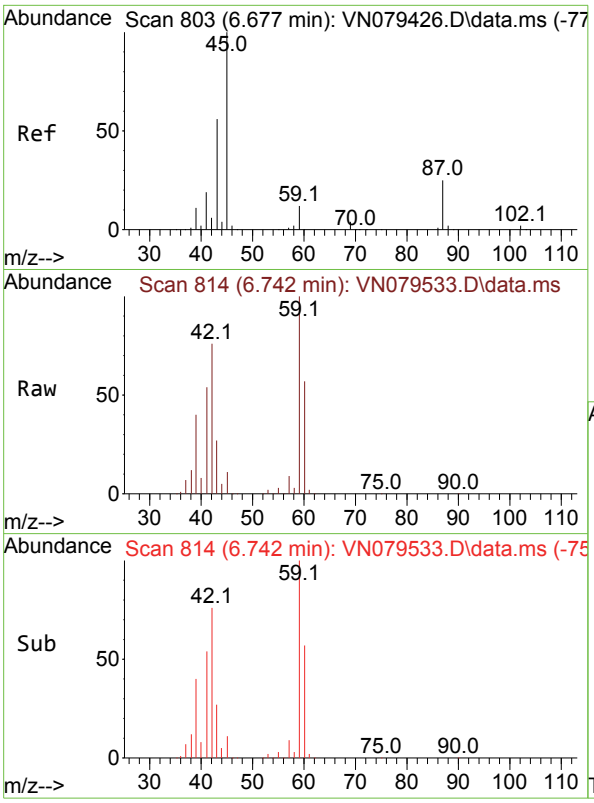


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 84 Resp: 1214

Ion	Ratio	Lower	Upper
84	100		
49	127.9	79.7	119.5#
51	40.2	25.2	37.8#
86	59.7	53.3	79.9



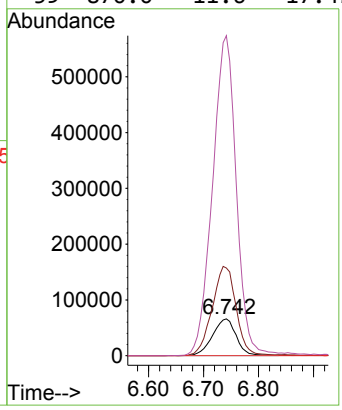


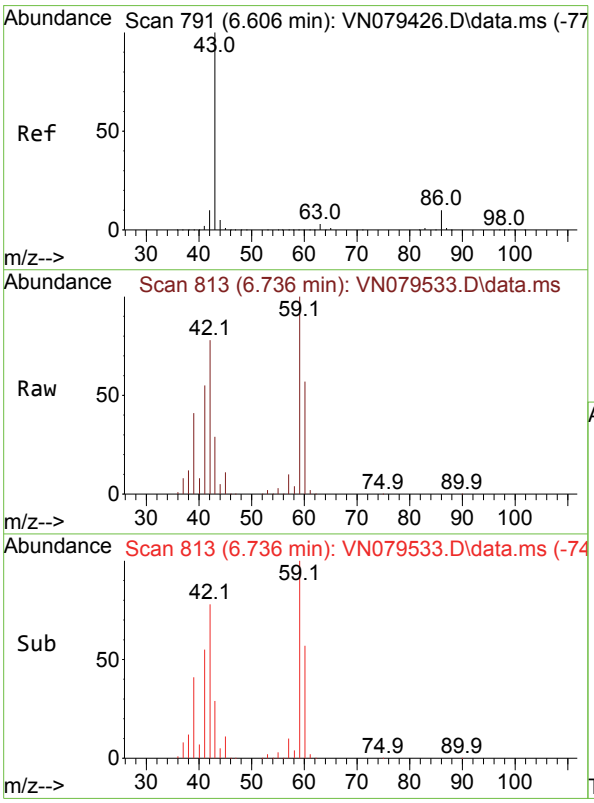
#22
Diisopropyl ether
Concen: 14.160 ug/l
RT: 6.742 min Scan# 81
Delta R.T. 0.065 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 45 Resp: 197811

Ion	Ratio	Lower	Upper
45	100		
43	238.6	45.5	68.3#
87	0.0	31.8	47.8#
59	870.0	11.6	17.4#

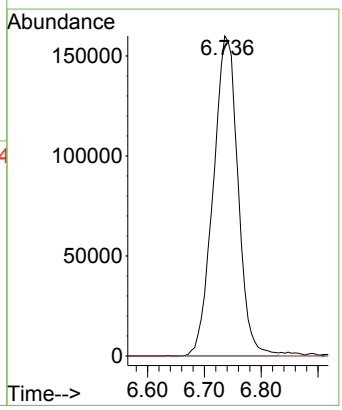


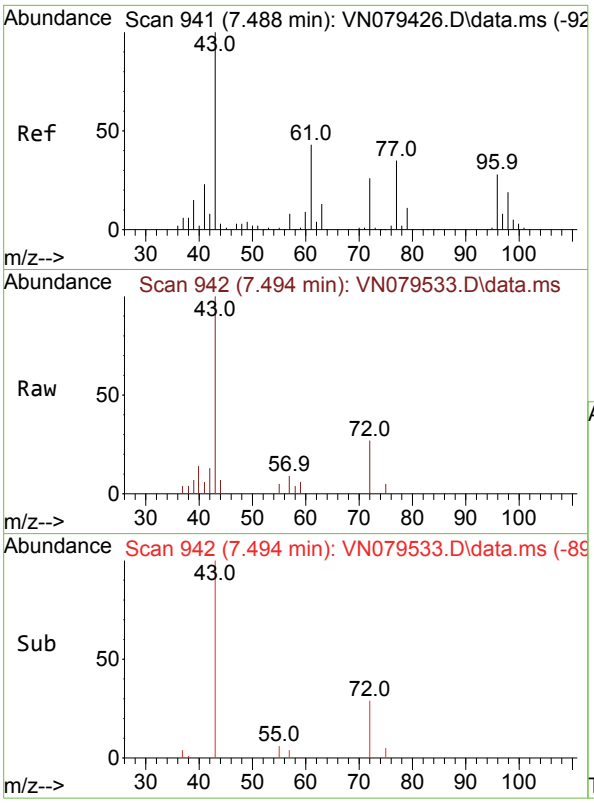


#23
Vinyl Acetate
Concen: 61.602 ug/l
RT: 6.736 min Scan# 813
Delta R.T. 0.130 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 43 Resp: 484060

Ion	Ratio	Lower	Upper
43	100		
86	0.0	13.0	19.6#



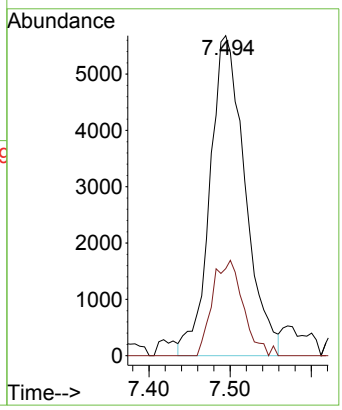


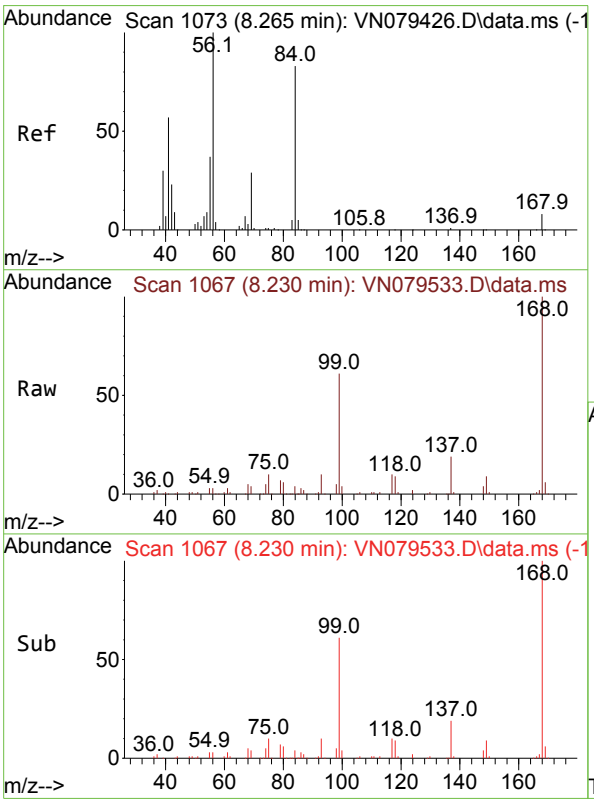
#25
2-Butanone
Concen: 5.477 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 17081

Ion	Ratio	Lower	Upper
43	100		
72	28.3	30.2	45.2#

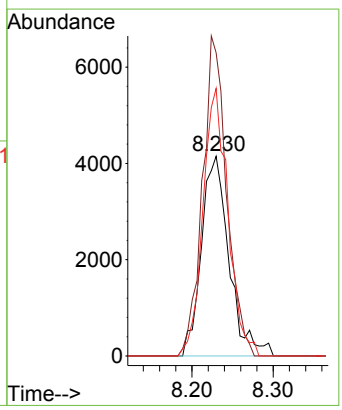


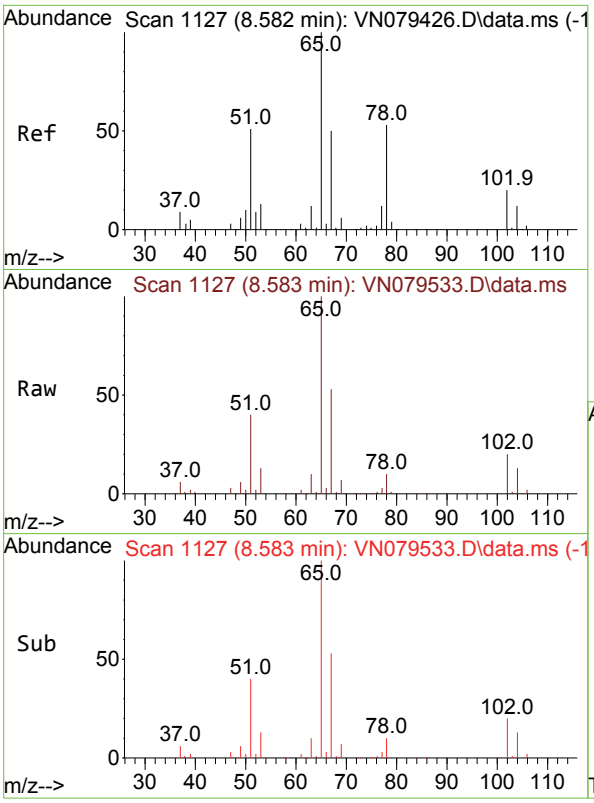


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 56 Resp: 9798

Ion	Ratio	Lower	Upper
56	100		
69	151.9	26.8	40.2#
84	134.0	81.8	122.6#



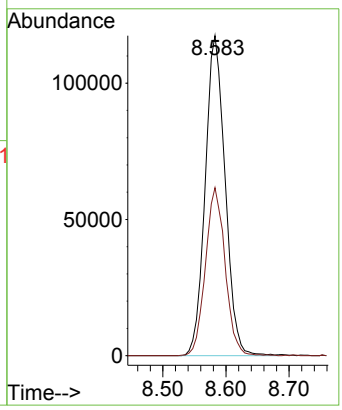


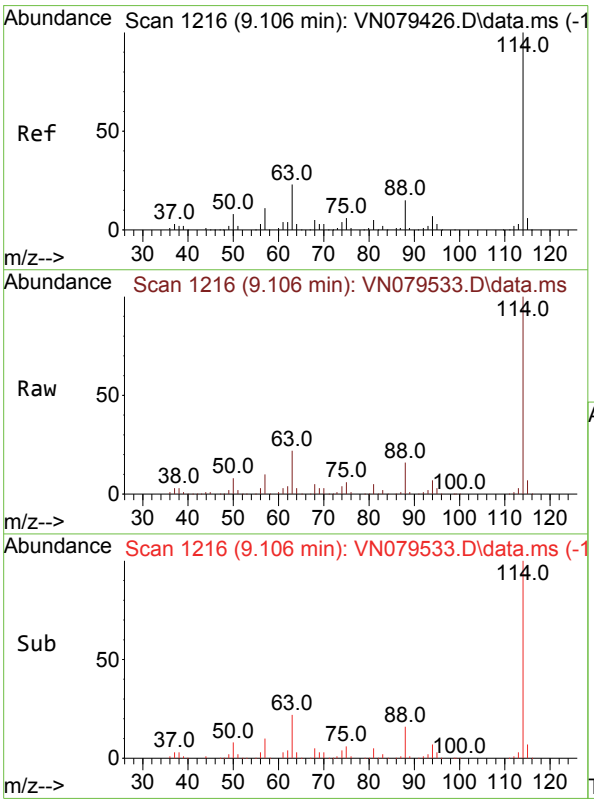
#33
1,2-Dichloroethane-d4
Concen: 48.611 ug/l
RT: 8.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 257533

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.6

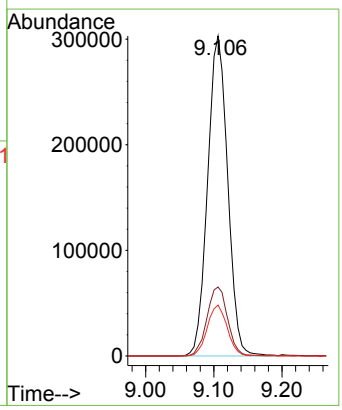


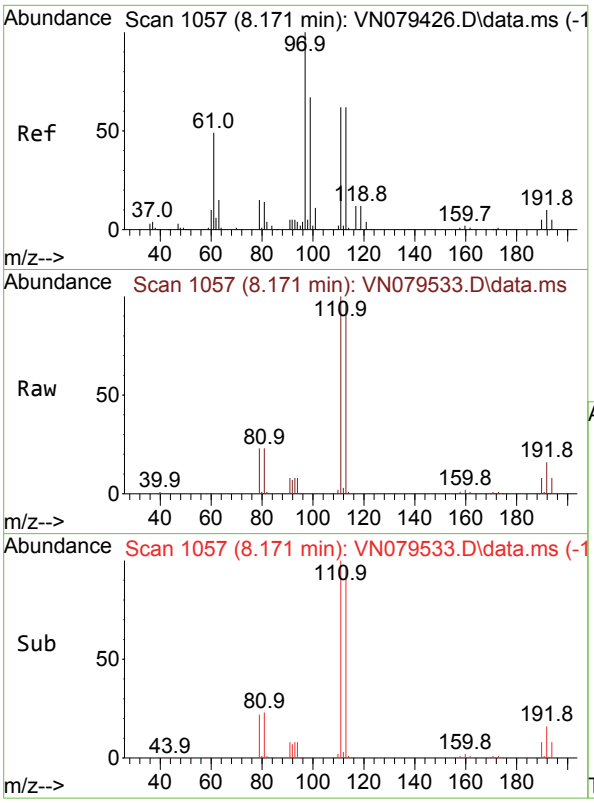


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:114 Resp: 620454

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	36.4
88	15.9	0.0	30.6



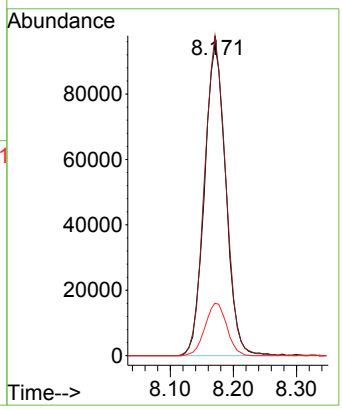


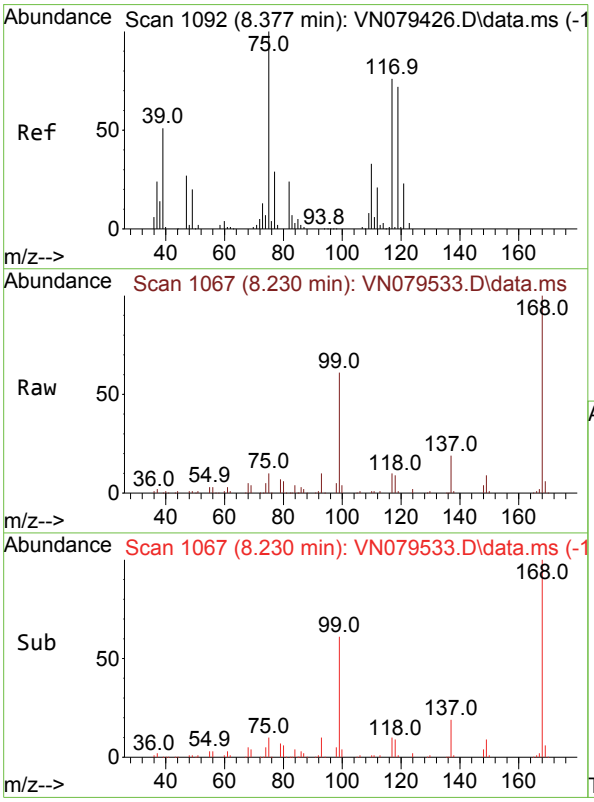
#35
Dibromofluoromethane
Concen: 50.104 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 223404

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	17.2	12.7	19.1

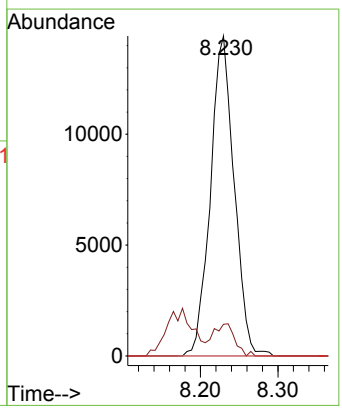


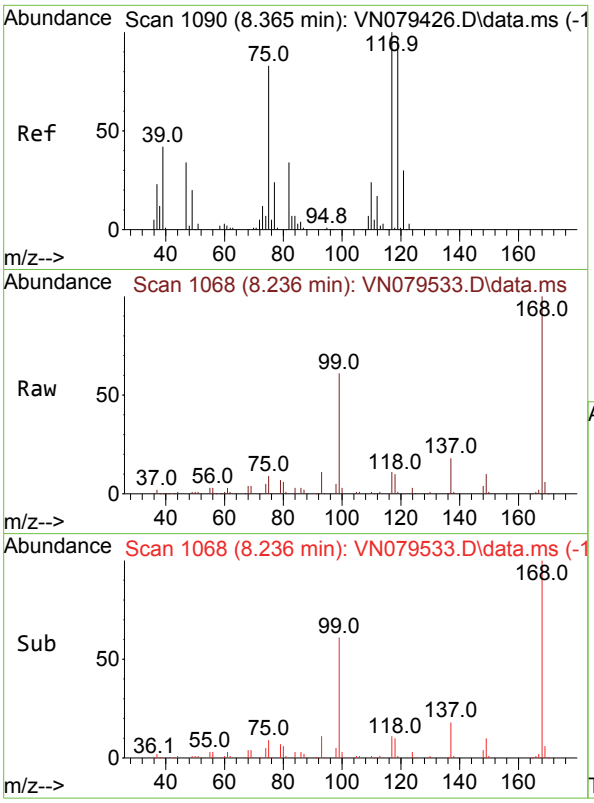


#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 75 Resp: 30687

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.3#
77	0.0	25.0	37.4#



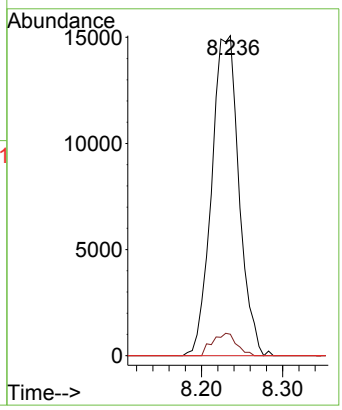


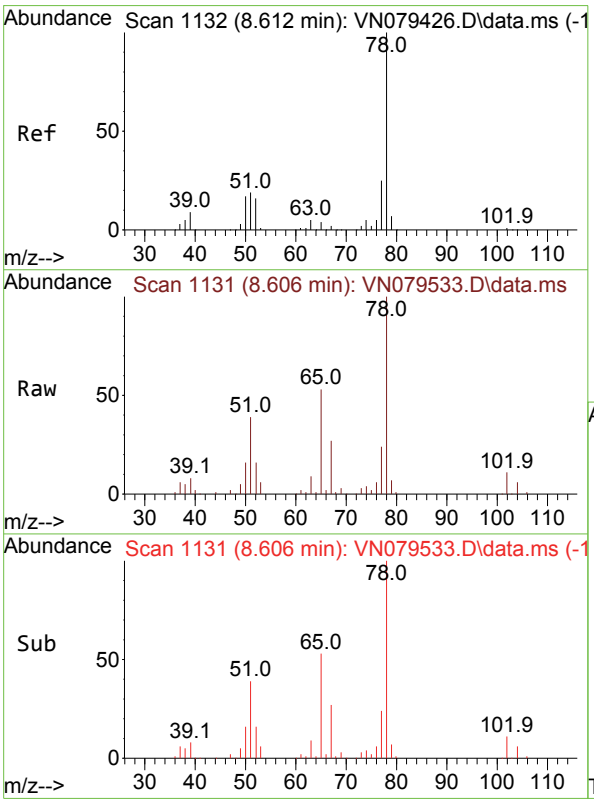
#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.129 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 35338

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.3	115.9#
121	0.0	23.3	34.9#

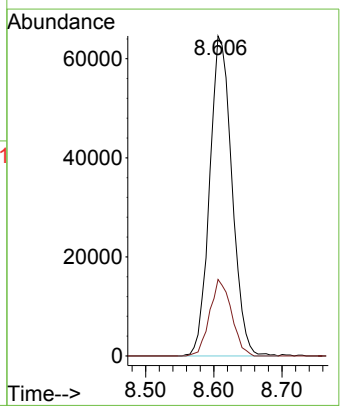


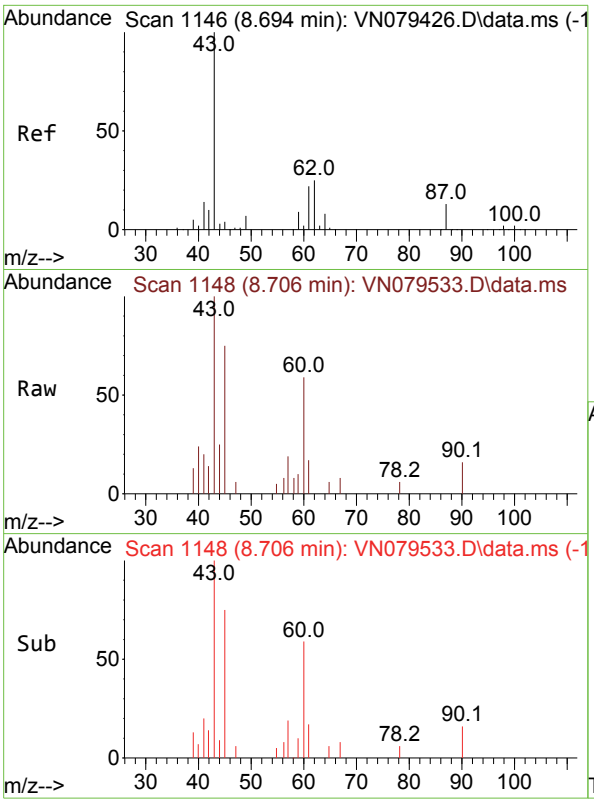


#40
Benzene
Concen: 7.395 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 78 Resp: 146969

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6



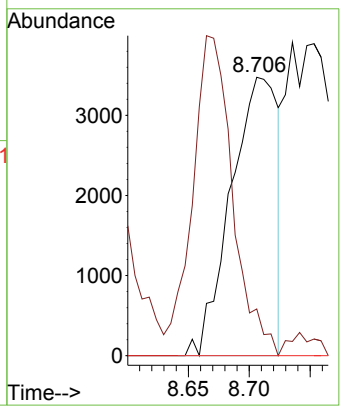


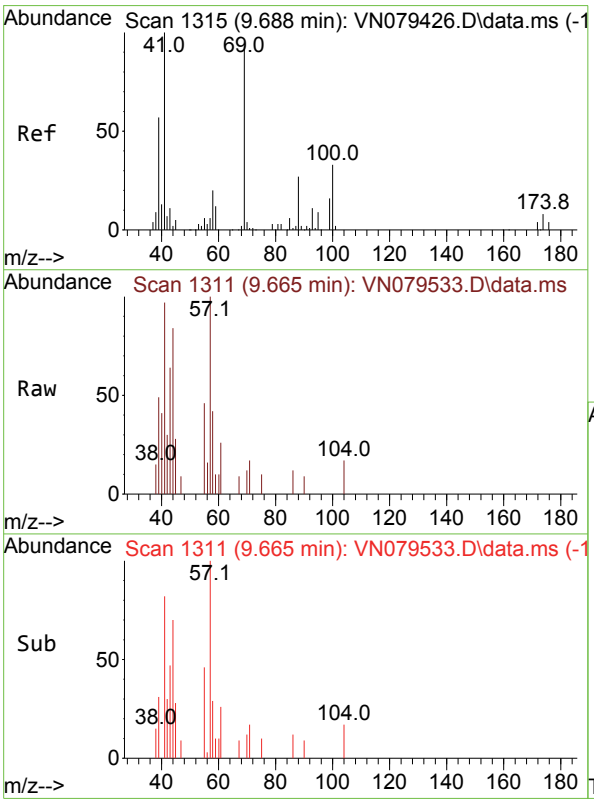
#43
Isopropyl Acetate
Concen: 0.792 ug/l
RT: 8.706 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9241

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#

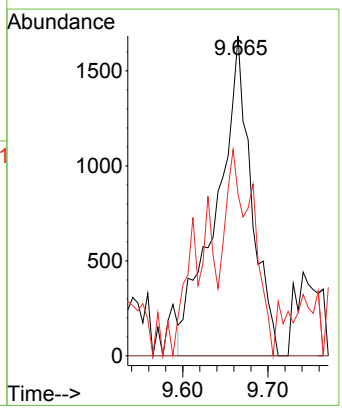


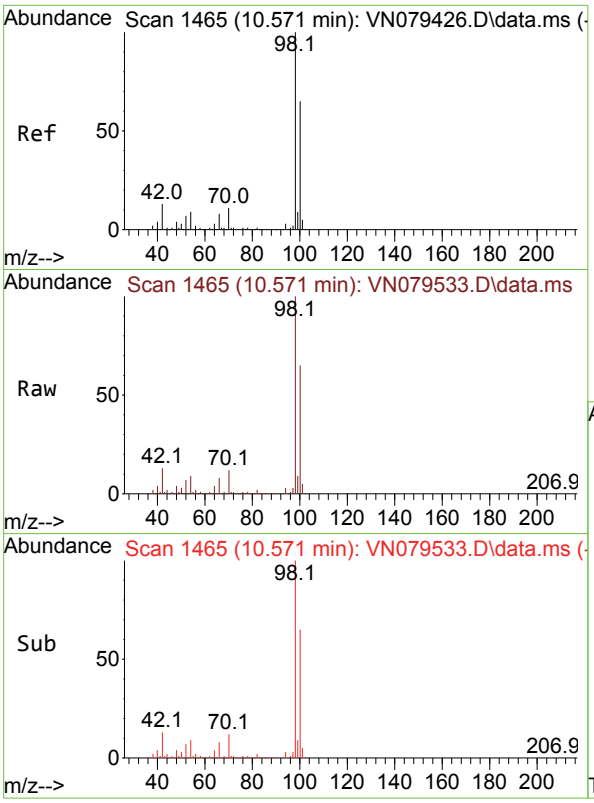


#48
Methyl methacrylate
Concen: 0.959 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.023 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 41 Resp: 4796

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.4	135.6#
39	50.7	54.6	81.8#



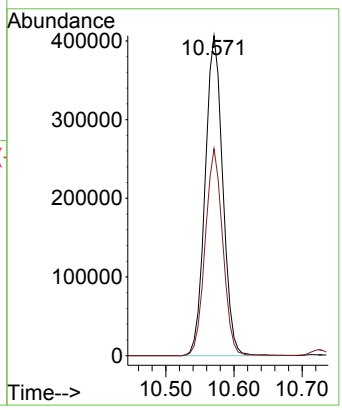


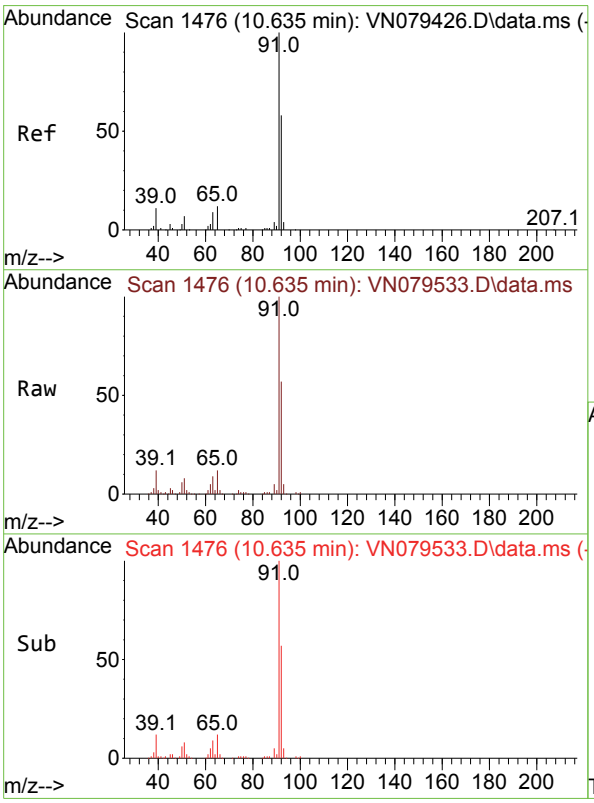
#50
Toluene-d8
Concen: 45.264 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 730264

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

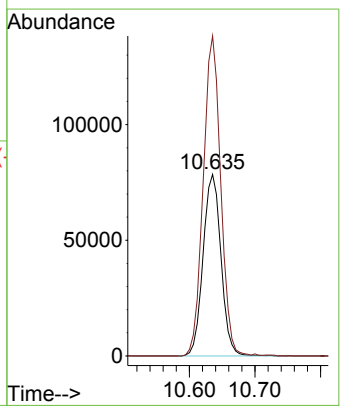


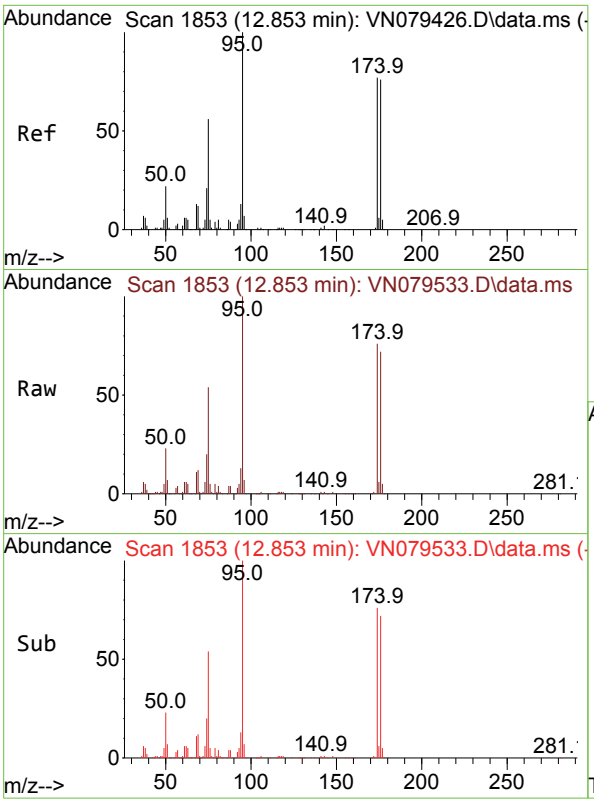


#52
Toluene
Concen: 12.732 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 92 Resp: 148950

Ion	Ratio	Lower	Upper
92	100		
91	172.4	137.4	206.0



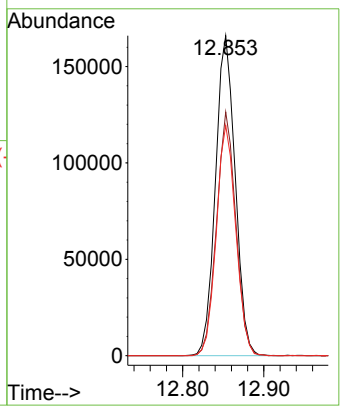


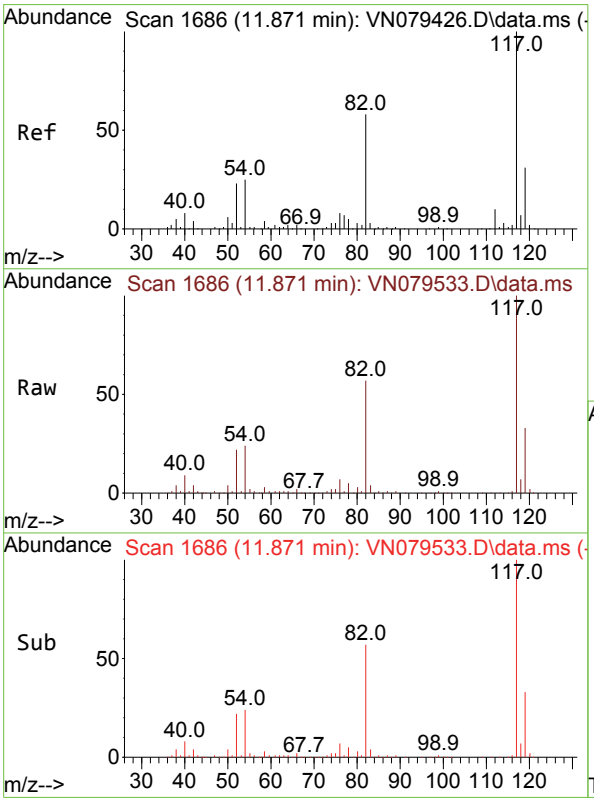
#62
4-Bromofluorobenzene
Concen: 54.170 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 280466

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	143.8
176	70.9	0.0	135.8

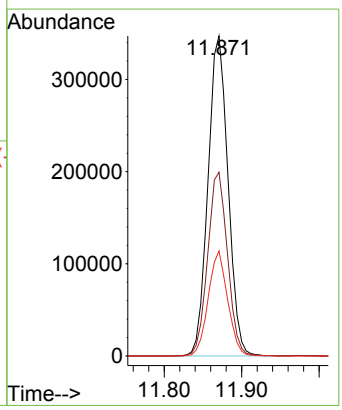


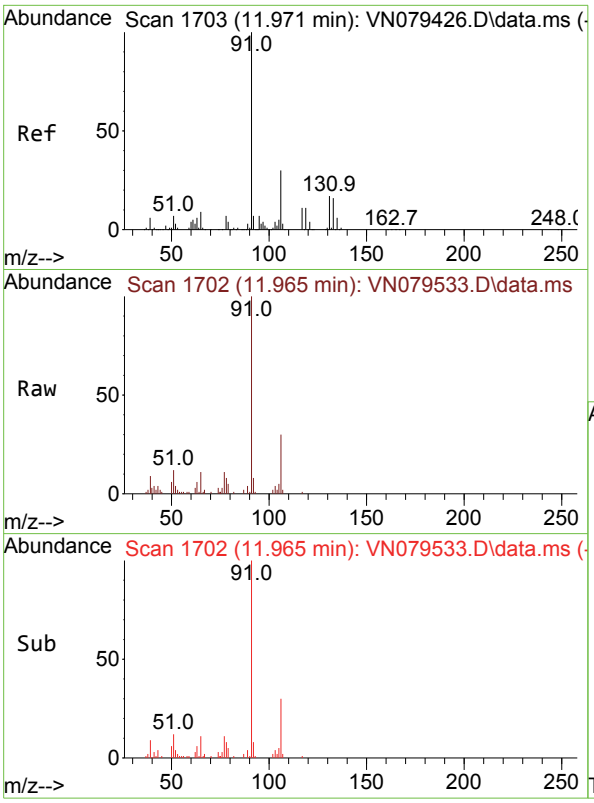


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:117 Resp: 623460

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.0	66.0
119	32.8	25.6	38.4



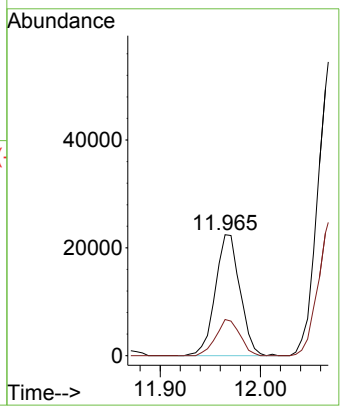


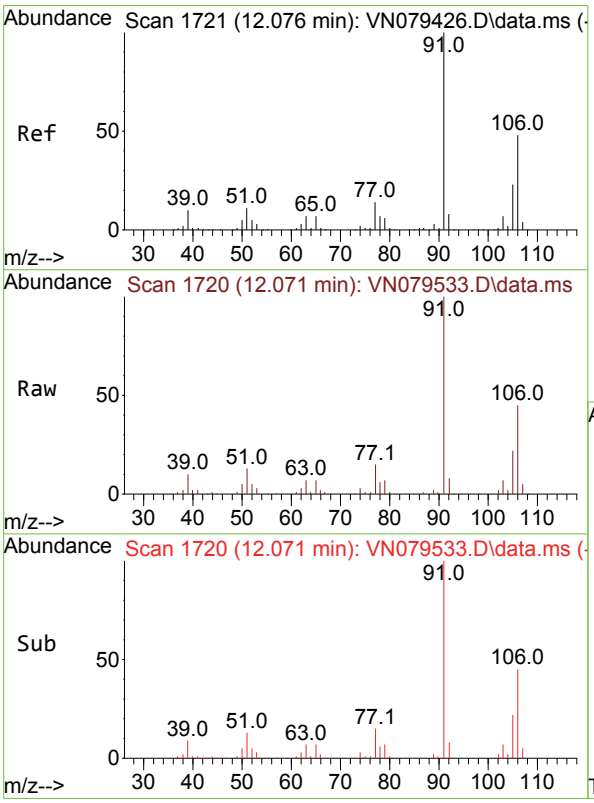
#67
Ethyl Benzene
Concen: 1.590 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 38363

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.6	38.4

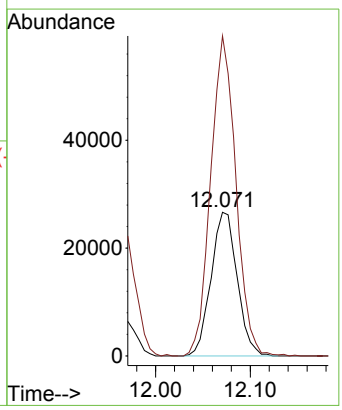


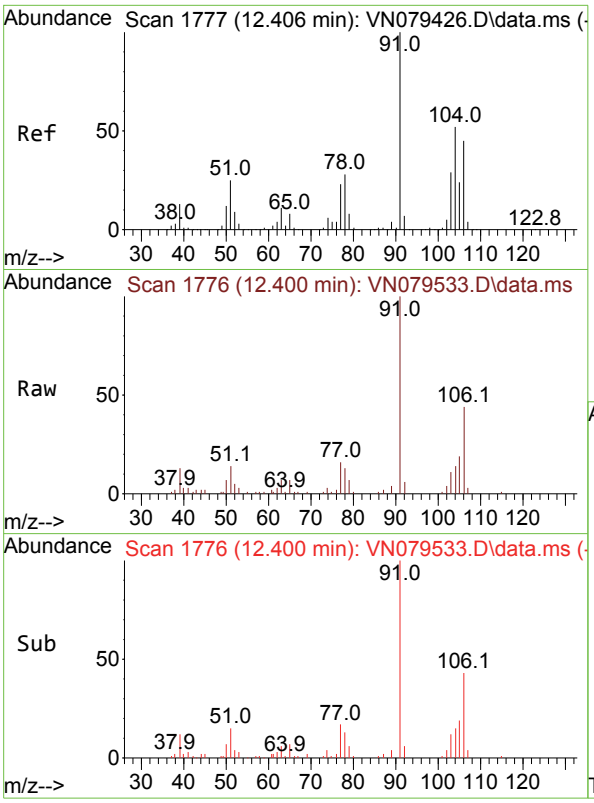


#68
m/p-Xylenes
Concen: 5.820 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:106 Resp: 51036

Ion	Ratio	Lower	Upper
106	100		
91	214.9	159.6	239.4



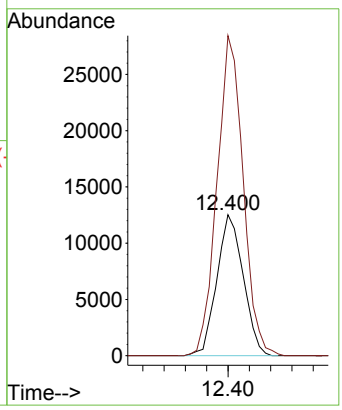


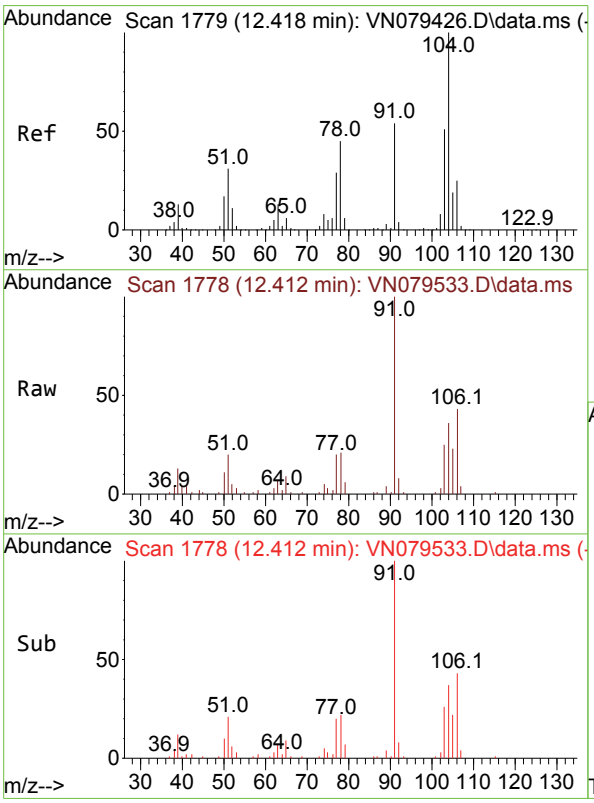
#69
o-Xylene
Concen: 2.498 ug/l
RT: 12.400 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 21545

Ion	Ratio	Lower	Upper
106	100		
91	224.6	105.2	315.5

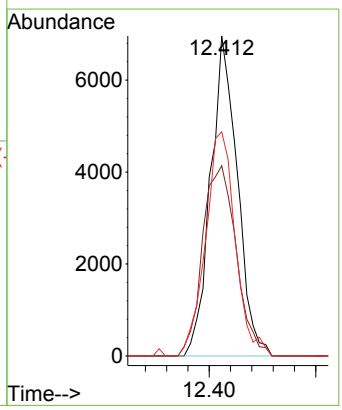


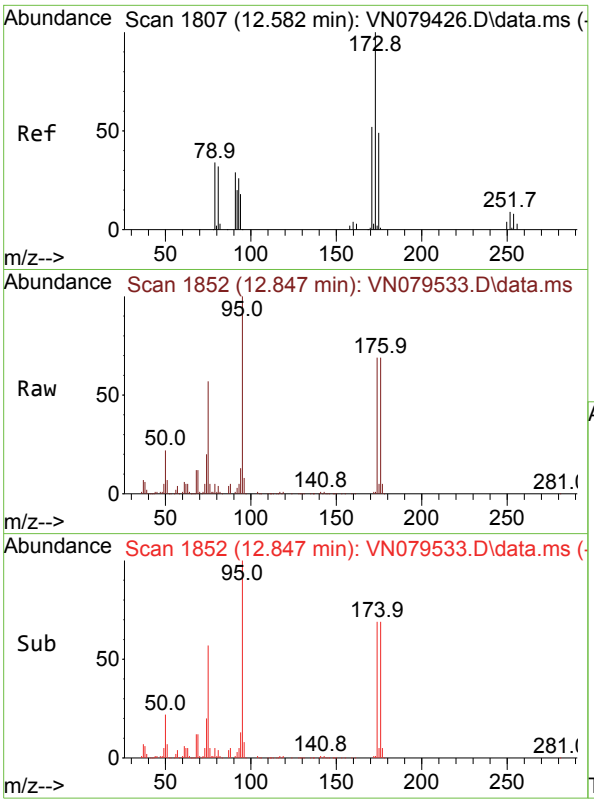


#70
Styrene
Concen: 0.891 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:104 Resp: 12143

Ion	Ratio	Lower	Upper
104	100		
78	74.6	39.5	59.3#
103	77.8	43.2	64.8#



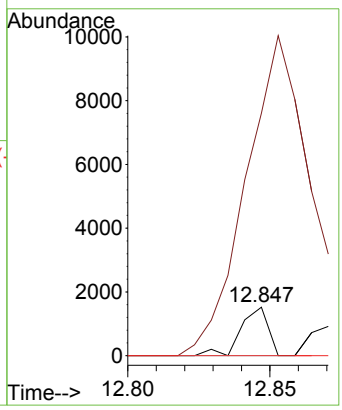


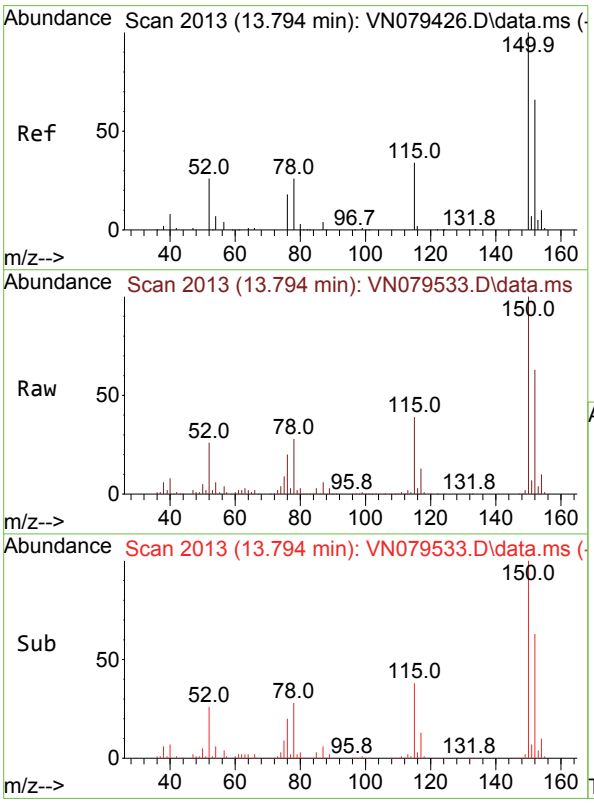
#71
Bromoform
Concen: 0.270 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1005

Ion	Ratio	Lower	Upper
173	100		
175	1235.5	24.3	73.0#
254	0.0	0.0	0.0

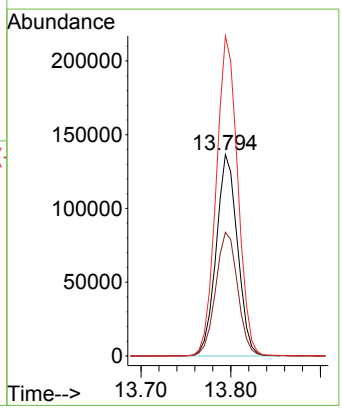


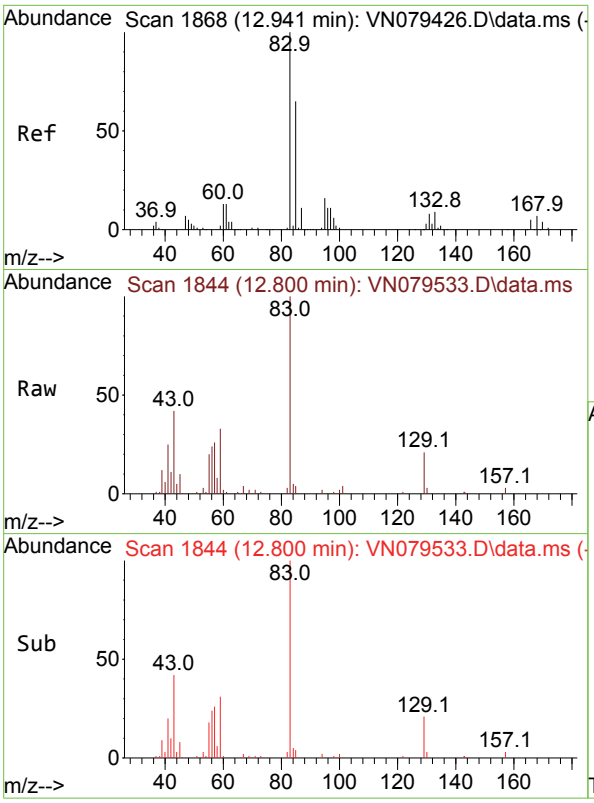


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:152 Resp: 224961

Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	160.2	0.0	355.8



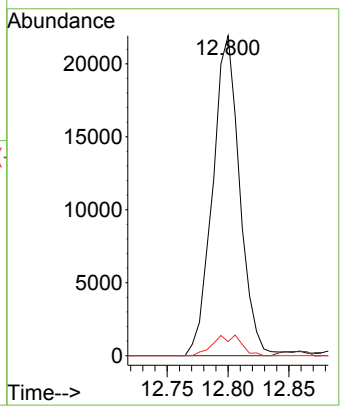


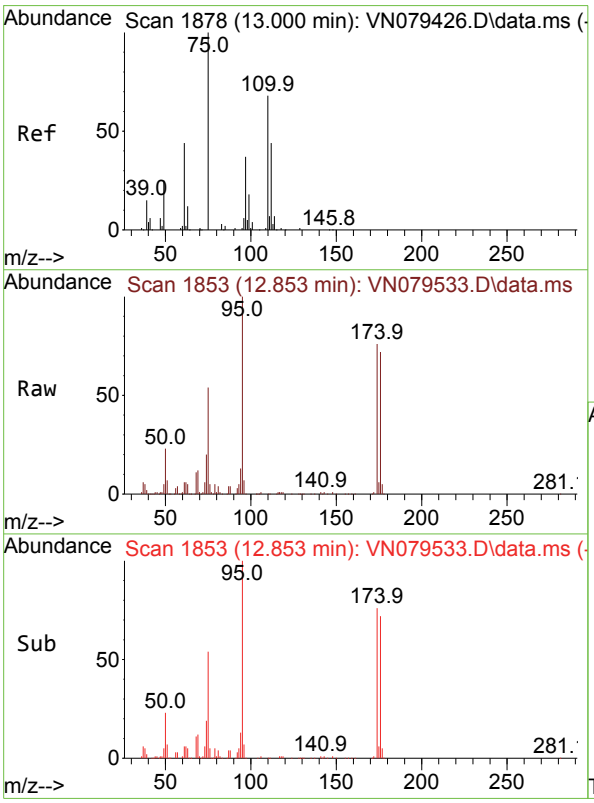
#75
1,1,2,2-Tetrachloroethane
Concen: 3.897 ug/l
RT: 12.800 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 33890

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	6.6	31.9	95.7#

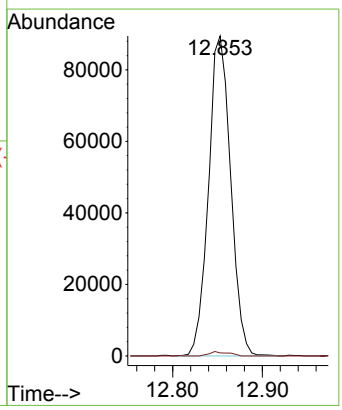


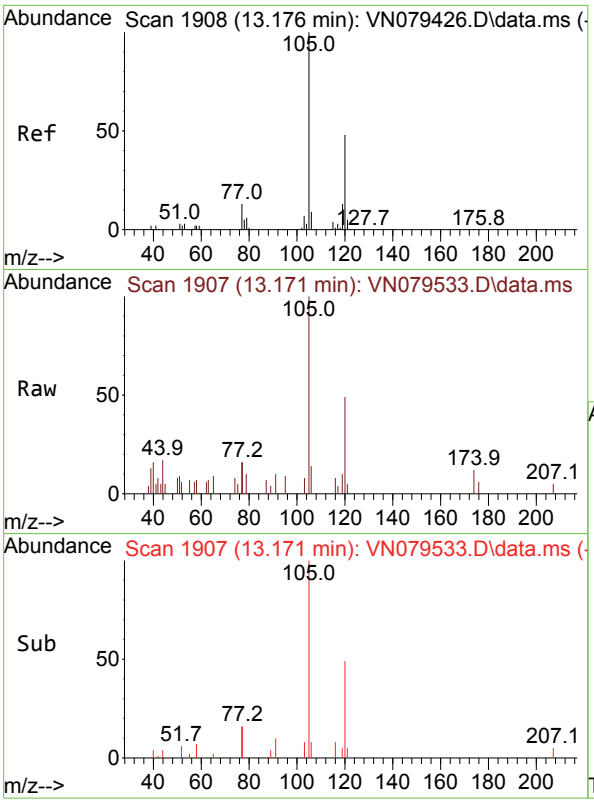


#76
1,2,3-Trichloropropane
Concen: 23.684 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 75 Resp: 153621

Ion	Ratio	Lower	Upper
75	100		
77	1.2	84.5	253.5#



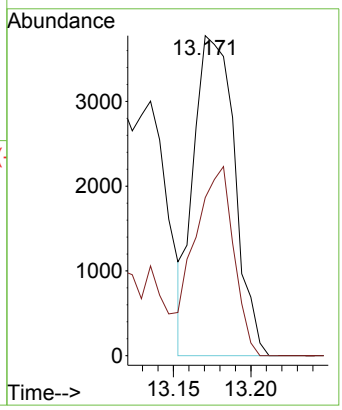


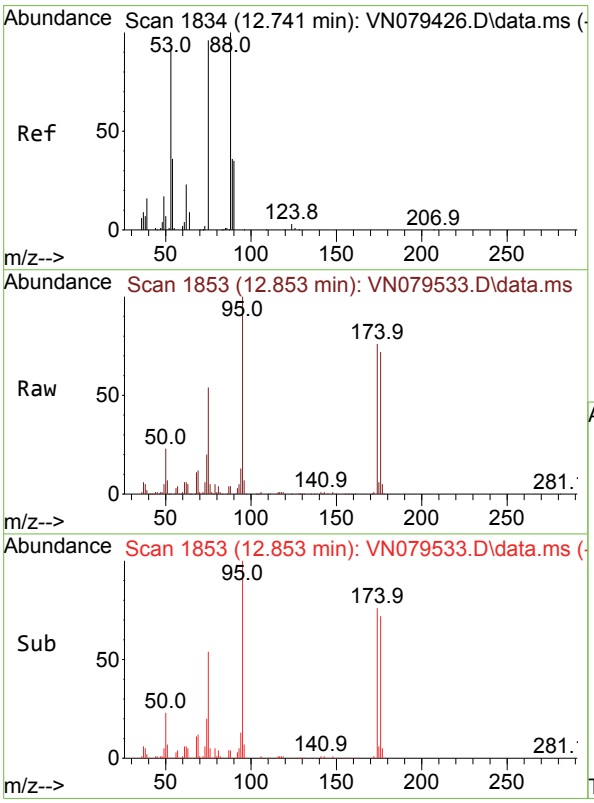
#80
1,3,5-Trimethylbenzene
Concen: 0.419 ug/l
RT: 13.171 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 6918

Ion	Ratio	Lower	Upper
105	100		
120	57.7	24.1	72.3

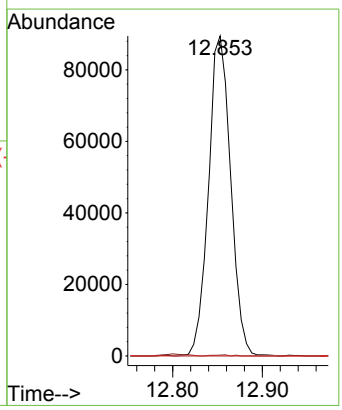


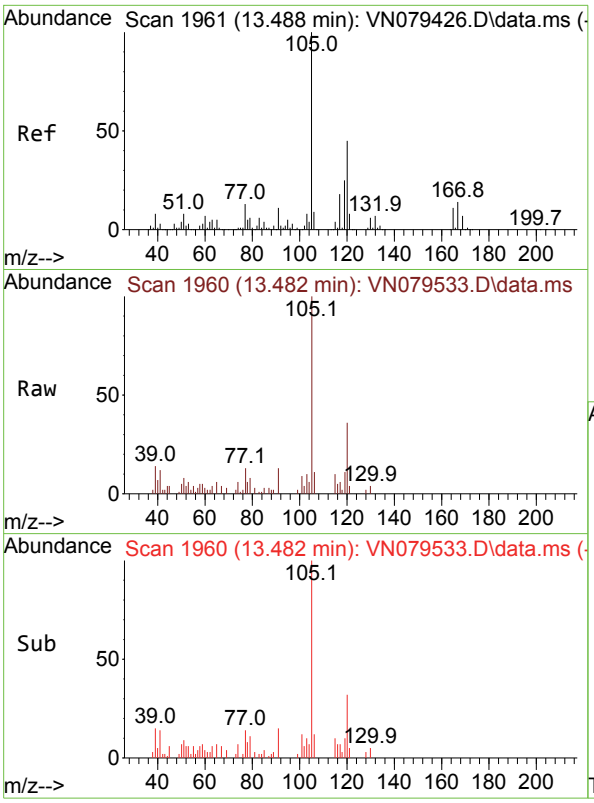


#81
trans-1,4-Dichloro-2-butene
Concen: 68.721 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 75 Resp: 153621

Ion	Ratio	Lower	Upper
75	100		
53	0.3	67.4	101.2#
89	0.0	38.8	58.2#



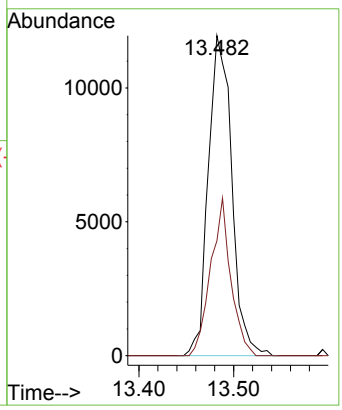


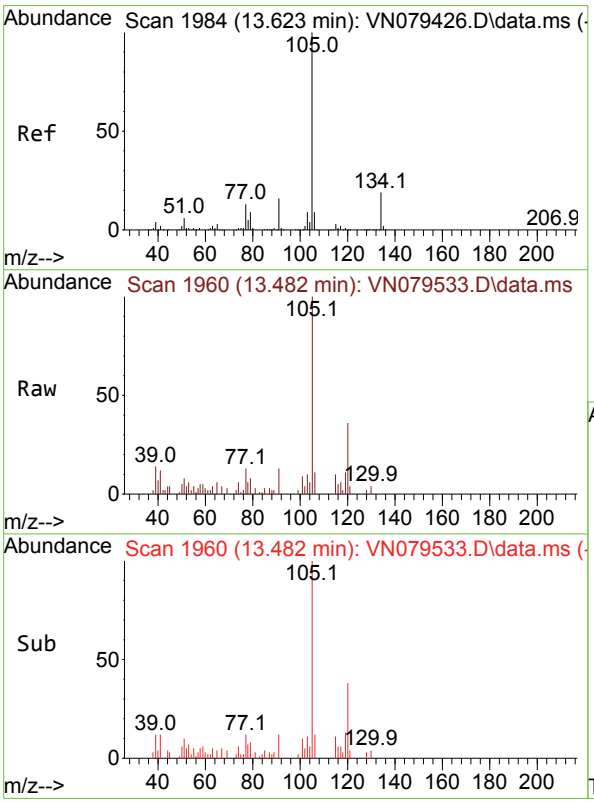
#84
1,2,4-Trimethylbenzene
Concen: 1.306 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 20575

Ion	Ratio	Lower	Upper
105	100		
120	42.3	22.0	66.0

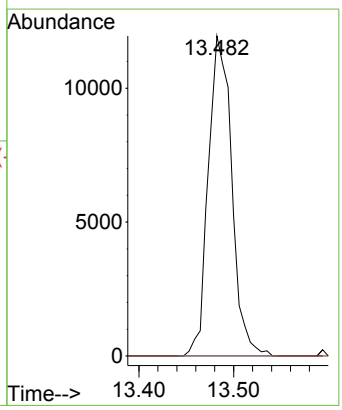


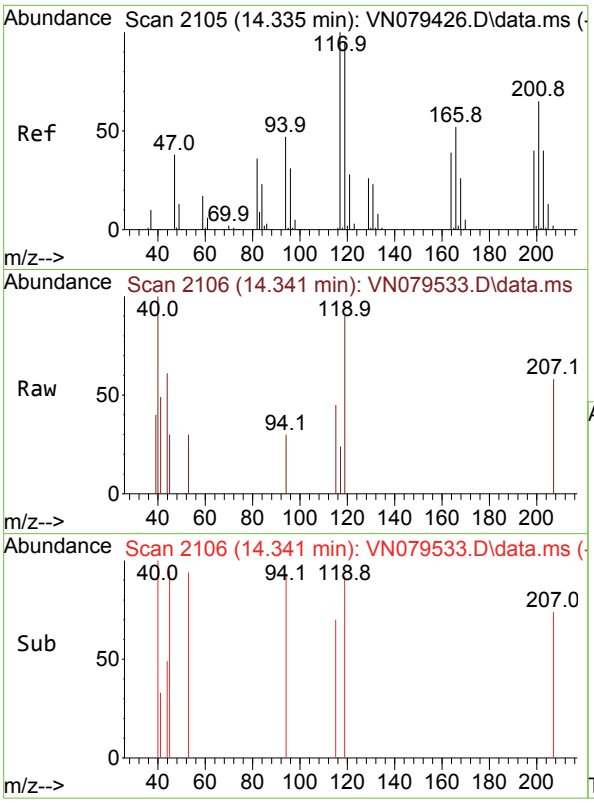


#85
sec-Butylbenzene
Concen: 1.091 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.141 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:105 Resp: 20575

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.3#



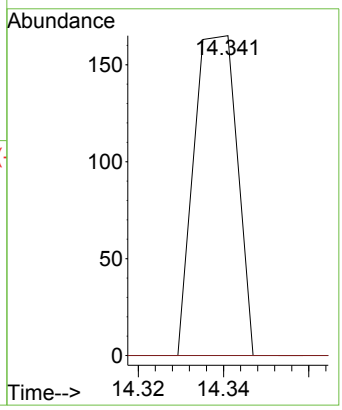


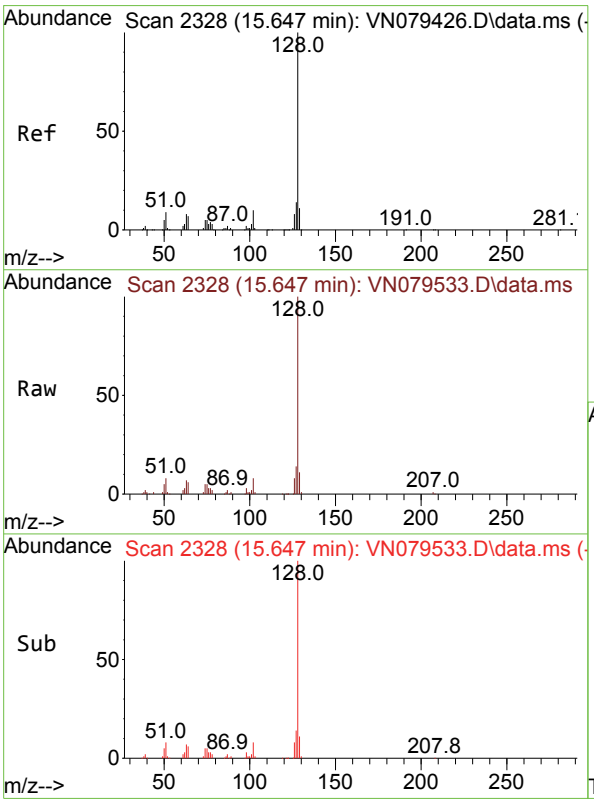
#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 116

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.3	88.0#





#95
Naphthalene
Concen: 24.031 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:128 Resp: 180442

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	10.4	8.7	13.1