Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074972.D
Acq On : 21 Oct 2022 19:25
Operator : JC\MD
Sample : N5222-18
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Quant Time: Oct 22 02:56:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	744415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1245769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1259115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	687204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	832235	42.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.160%		
35) Dibromofluoromethane	8.177	113	646765	43.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.240%		
50) Toluene-d8	10.570	98	2650973	46.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.200%		
62) 4-Bromofluorobenzene	12.853	95	923258	46.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.020%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	3998	Below Cal	#	76
4) Vinyl Chloride	2.530	62	411	Below Cal	#	61
5) Bromomethane	2.924	94	658	Below Cal	#	4
6) Chloroethane	3.130	64	3171	Below Cal	#	40
7) Trichlorofluoromethane	3.289	101	112	Below Cal	#	18
11) Tert butyl alcohol	5.524	59	2275	0.544 ug/l	#	72
12) 1,1-Dichloroethene	4.359	96	75	Below Cal	#	1
13) Acrolein	4.200	56	1097	Below Cal	#	70
16) Acetone	4.459	43	11955	Below Cal	#	67
17) Carbon Disulfide	4.730	76	1051	Below Cal	#	74
20) Methylene Chloride	5.283	84	3139	Below Cal	#	51
21) trans-1,2-Dichloroethene	5.777	96	249	Below Cal	#	1
25) 2-Butanone	7.512	43	3455	0.287 ug/l	#	78
28) Bromochloromethane	7.971	49	10034	0.940 ug/l	#	11
30) Chloroform	7.971	83	126330	4.362 ug/l		95
31) Cyclohexane	8.235	56	19745	0.977 ug/l	#	42
36) 1,1-Dichloropropene	8.235	75	67696	3.625 ug/l	#	48
38) Carbon Tetrachloride	8.229	117	80329	3.952 ug/l	#	15
49) 1,4-Dioxane	9.776	88	225	0.522 ug/l	#	1
58) 2-Chloroethyl Vinyl ether	10.135	63	74	3.616 ug/l	#	45
60) Dibromochloromethane	11.100	129	14837	0.897 ug/l	#	12
64) Tetrachloroethene	11.100	164	17316	1.682 ug/l	#	78
68) m/p-Xylenes	12.082	106	5801	0.220 ug/l		99
71) Bromoform	12.853	173	7089	0.655 ug/l	#	1
76) 1,2,3-Trichloropropane	12.853	75	506639	27.186 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	506639	87.163 ug/l	#	10
84) 1,2,4-Trimethylbenzene	13.488	105	33338	0.681 ug/l		99
95) Naphthalene	15.641	128	443618	10.625 ug/l		99

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

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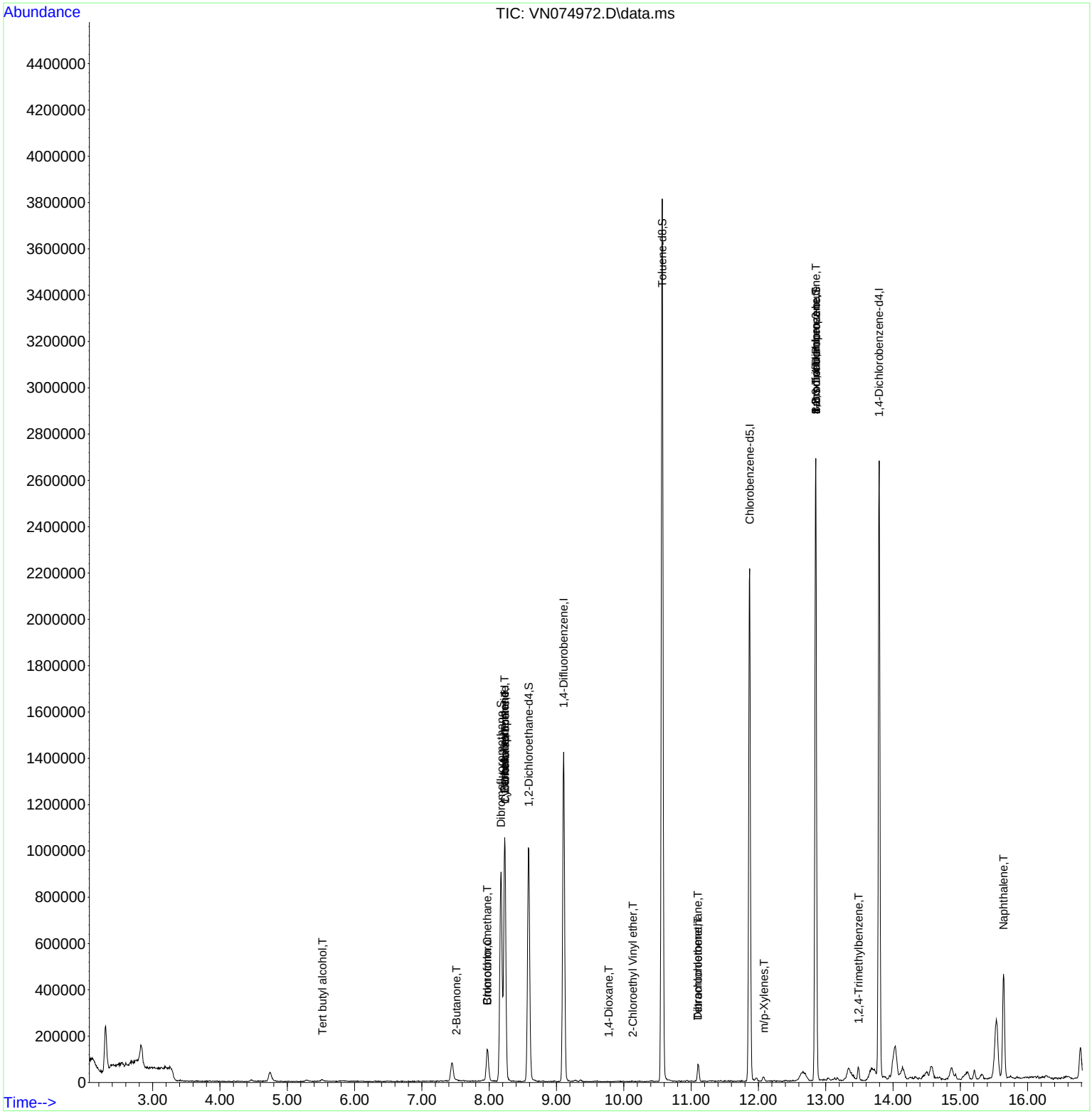
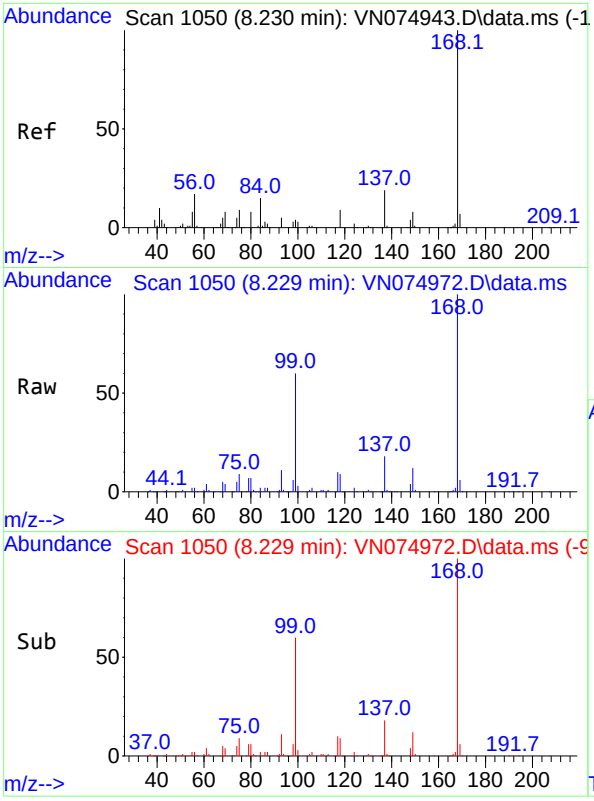
Sample : N5222-18
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Quant Time: Oct 22 02:56:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration



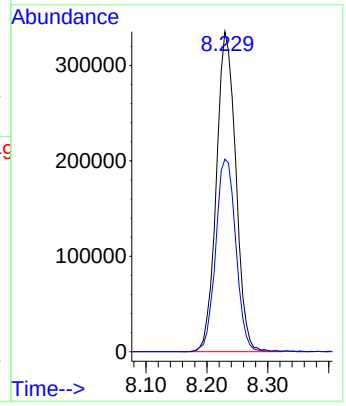


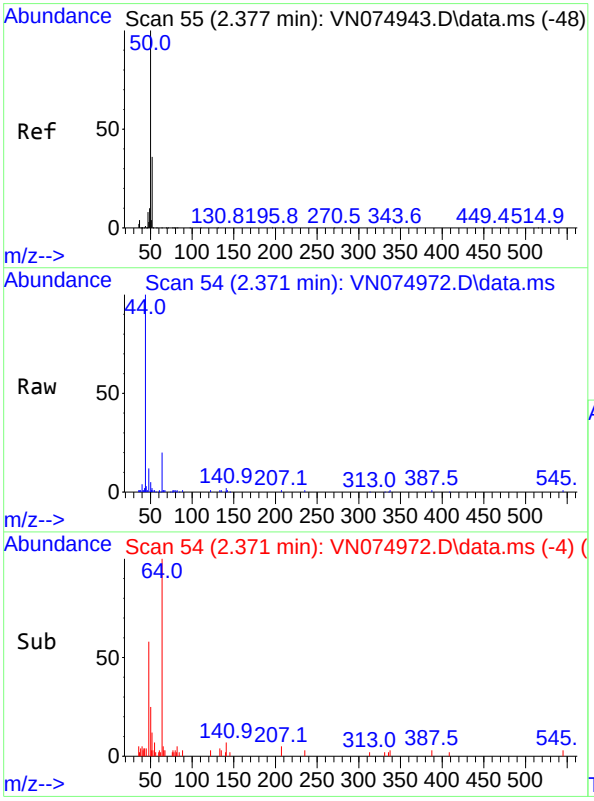
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion:168 Resp: 744415

Ion	Ratio	Lower	Upper
168	100		
99	60.2	52.2	78.4

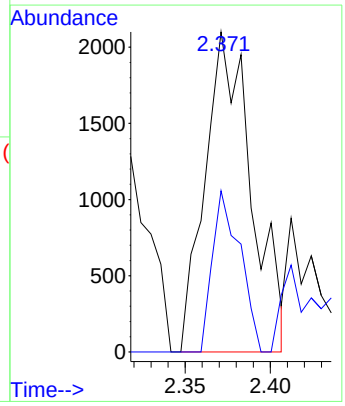


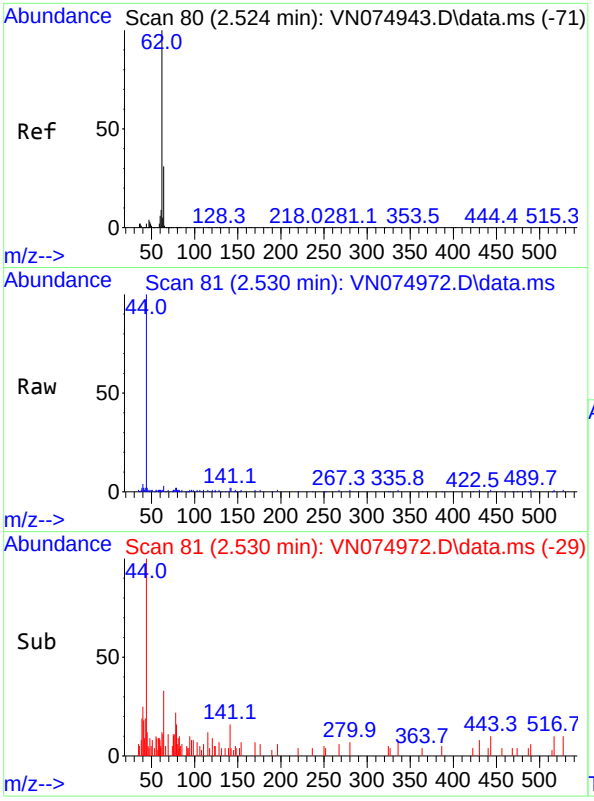


#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 50 Resp: 3998

Ion	Ratio	Lower	Upper
50	100		
52	50.3	28.8	43.2#



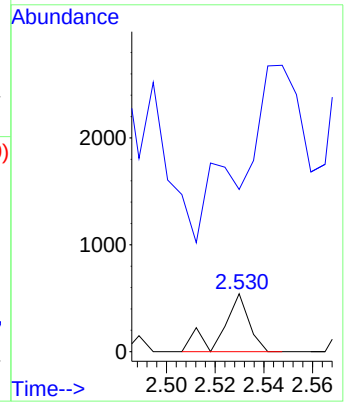


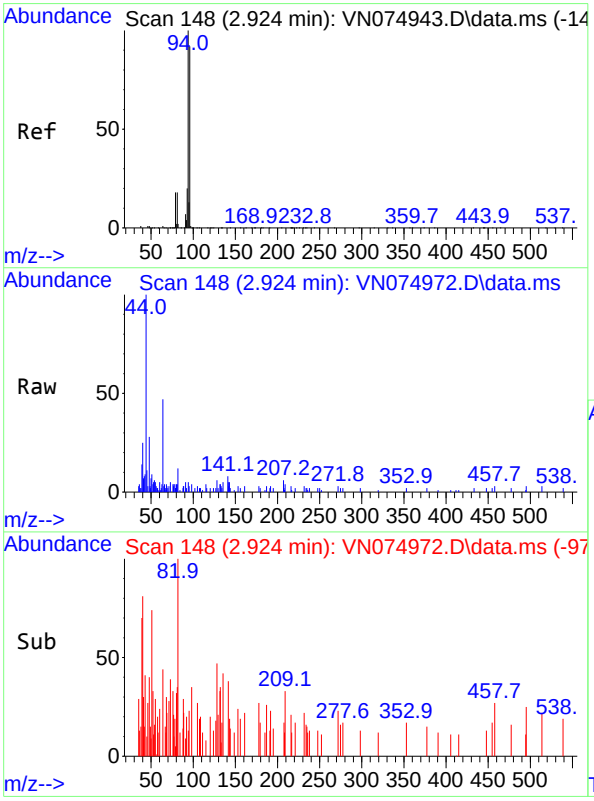
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.530 min Scan# 8
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 62 Resp: 411

Ion	Ratio	Lower	Upper
62	100		
64	9.0	24.5	36.7#

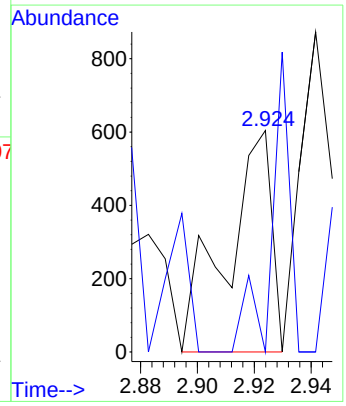


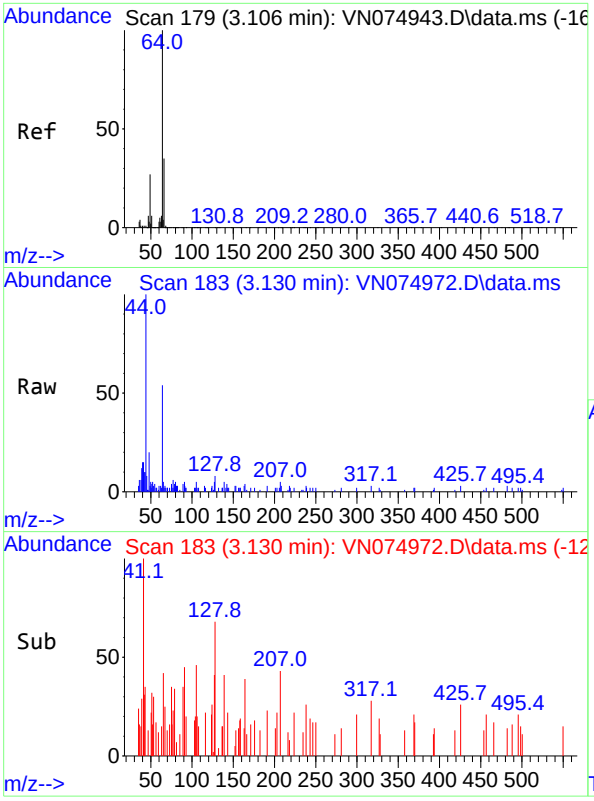


#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 94 Resp: 658

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.5	110.3#



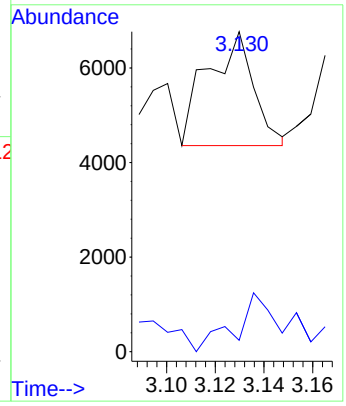


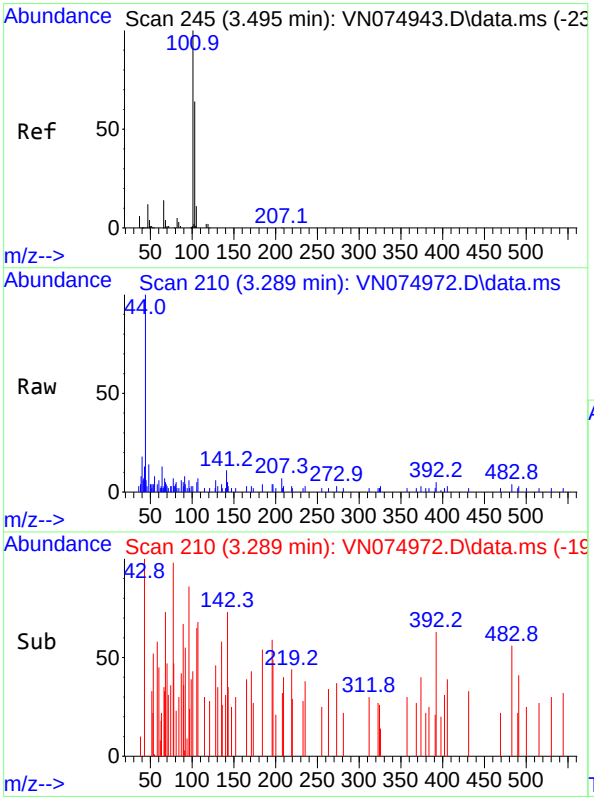
#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 64 Resp: 3171

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.9	41.9#

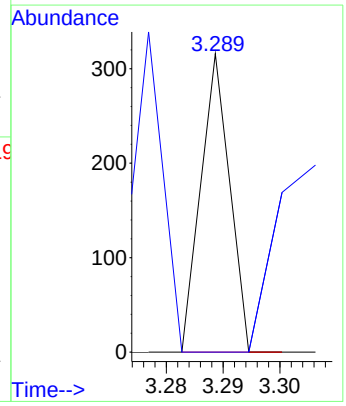


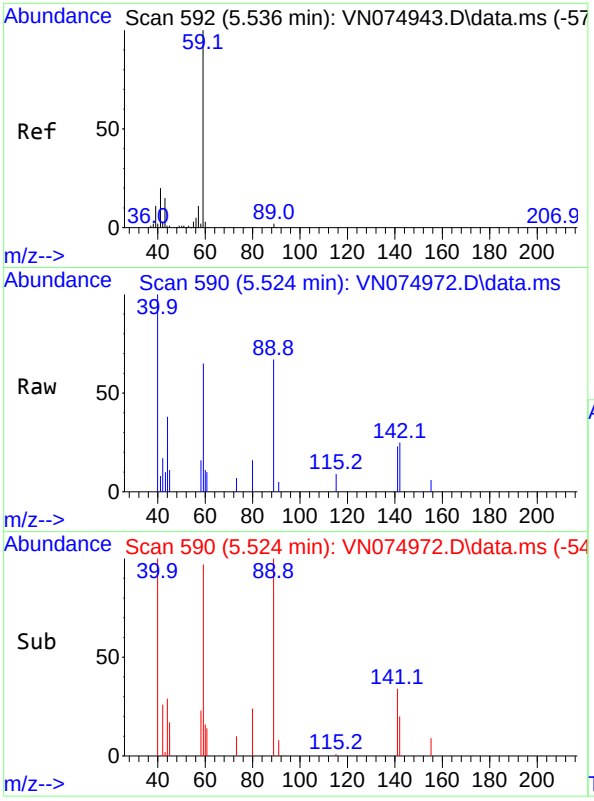


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.289 min Scan# 210
Delta R.T. -0.206 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:101 Resp: 112

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.5	77.3#



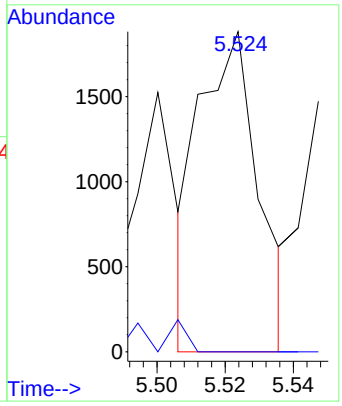


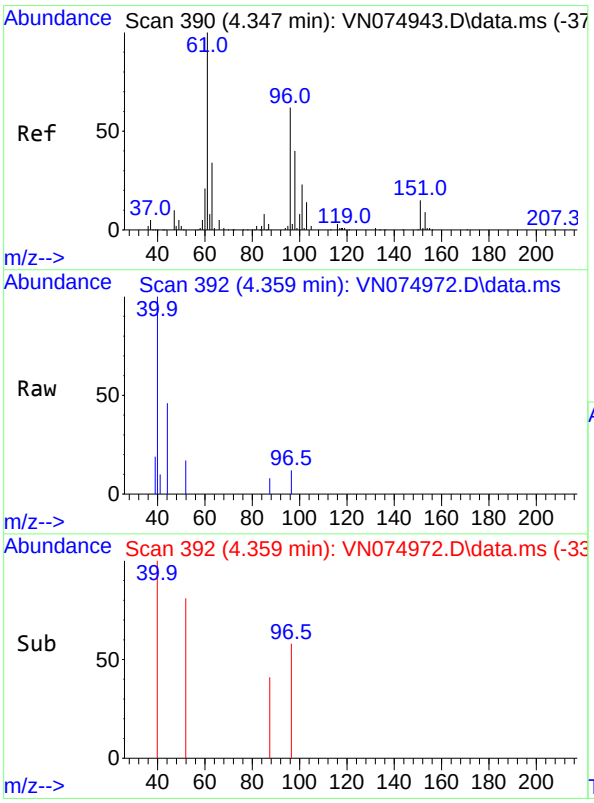
#11
Tert butyl alcohol
Concen: 0.544 ug/l
RT: 5.524 min Scan# 5
Delta R.T. -0.012 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 59 Resp: 2275

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

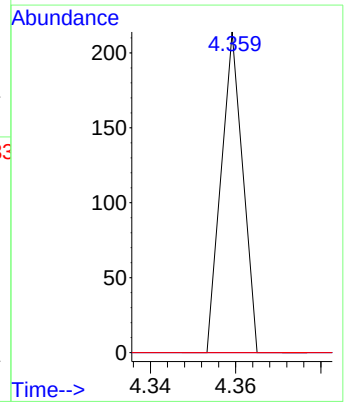


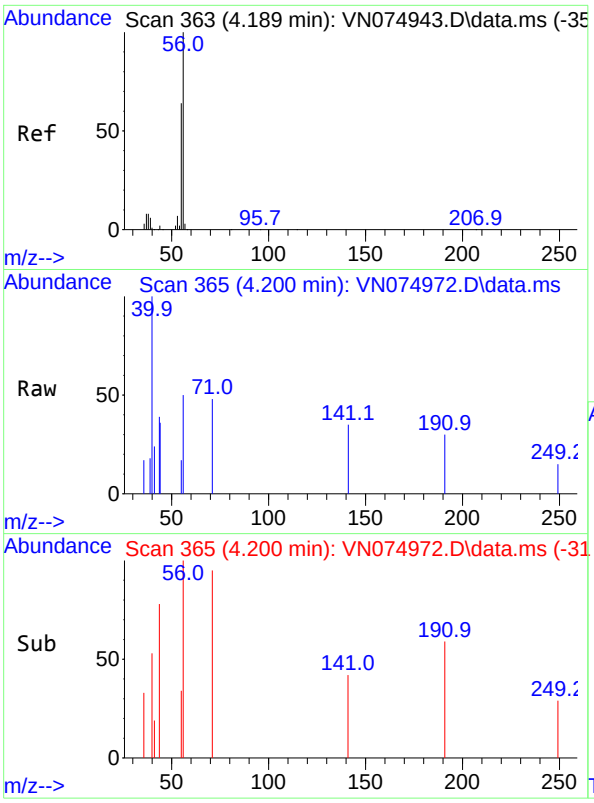


#12
1,1-Dichloroethene
Concen: Below Cal
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 96 Resp: 75

Ion	Ratio	Lower	Upper
96	100		
61	0.0	128.9	193.3#
98	0.0	51.8	77.8#



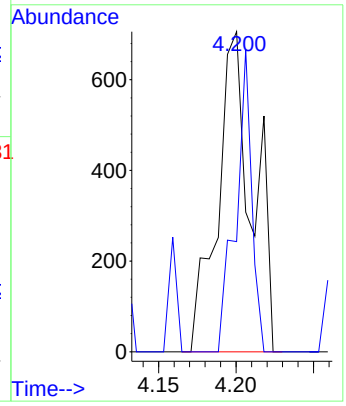


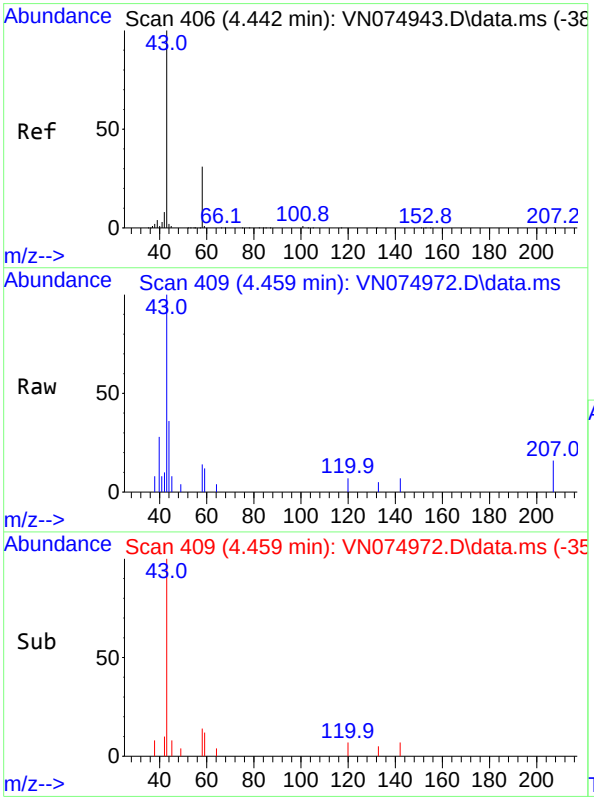
#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 3
Delta R.T. 0.011 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 56 Resp: 1097

Ion	Ratio	Lower	Upper
56	100		
55	43.3	53.7	80.5#

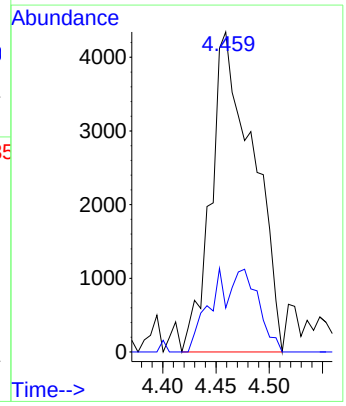


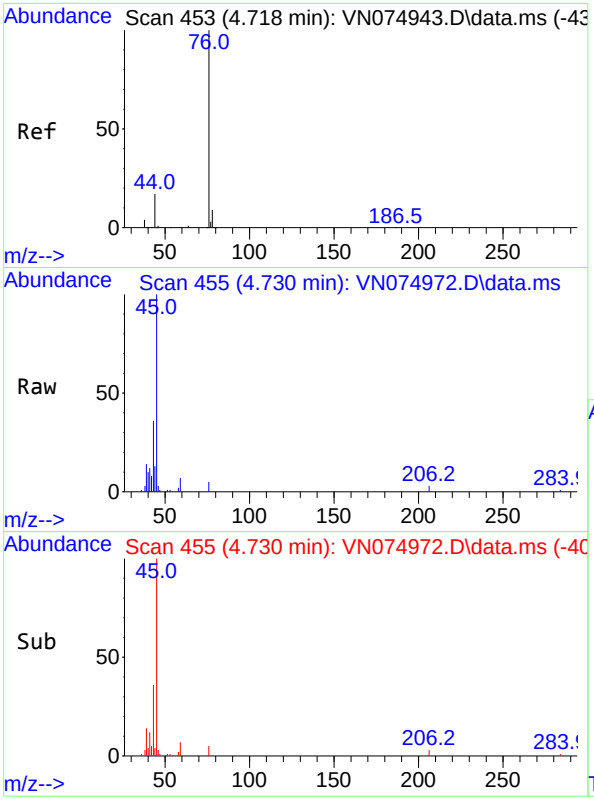


#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 43 Resp: 11955

Ion	Ratio	Lower	Upper
43	100		
58	13.7	25.7	38.5#



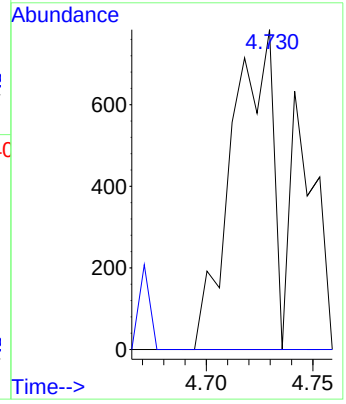


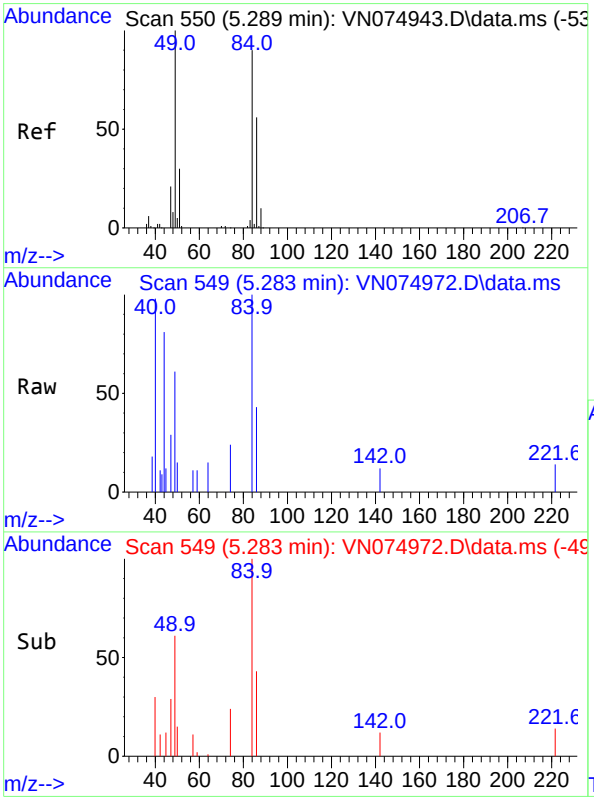
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.730 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 76 Resp: 1051

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

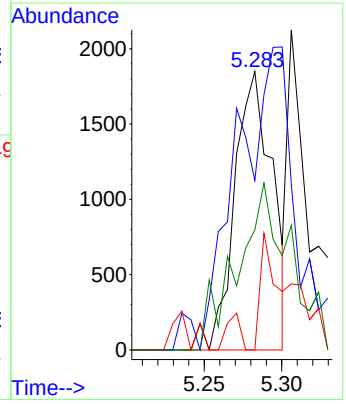


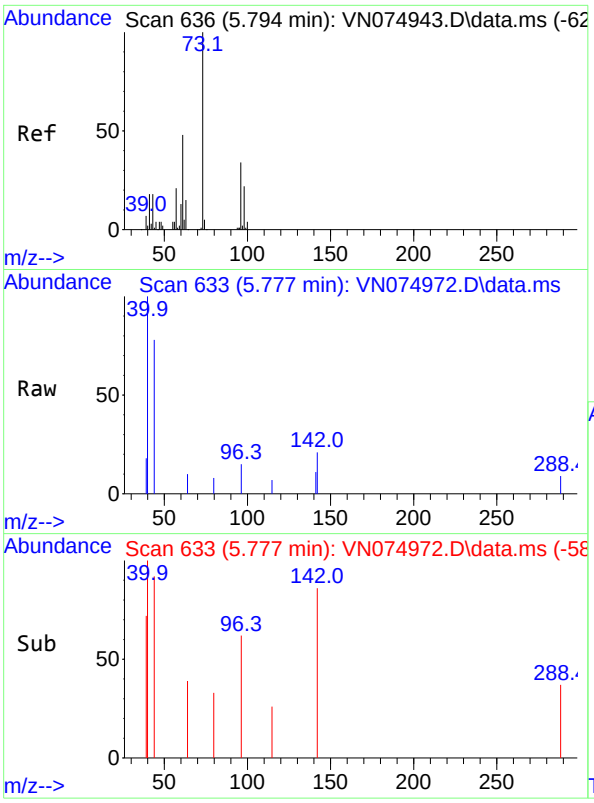


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 84 Resp: 3139

Ion	Ratio	Lower	Upper
84	100		
49	47.8	88.6	133.0#
51	0.0	26.7	40.1#
86	43.1	49.7	74.5#



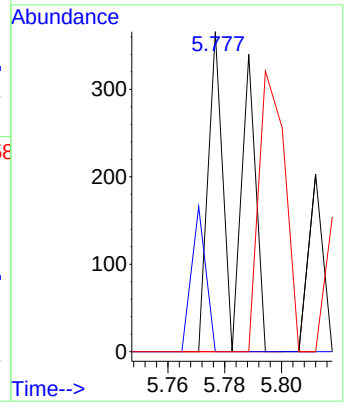


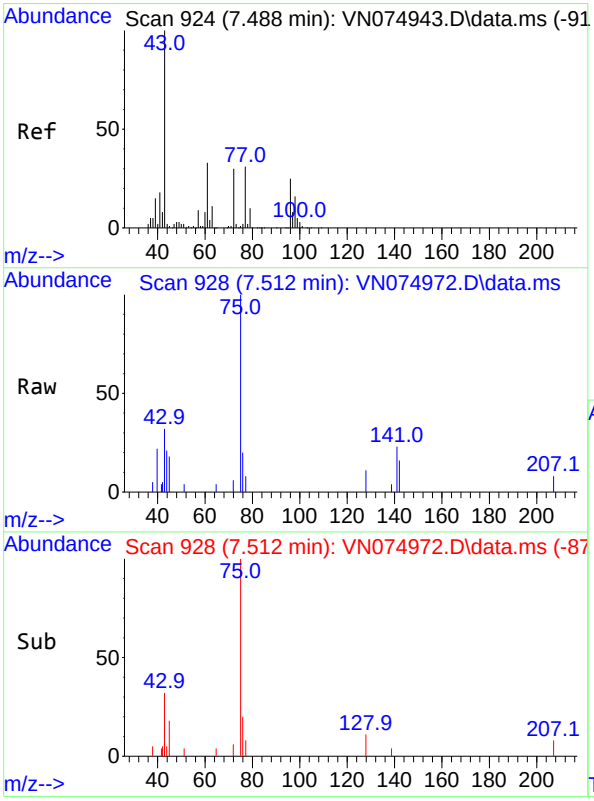
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.777 min Scan# 6
Delta R.T. -0.017 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 96 Resp: 249

Ion	Ratio	Lower	Upper
96	100		
61	0.0	112.6	169.0#
98	0.0	52.4	78.6#

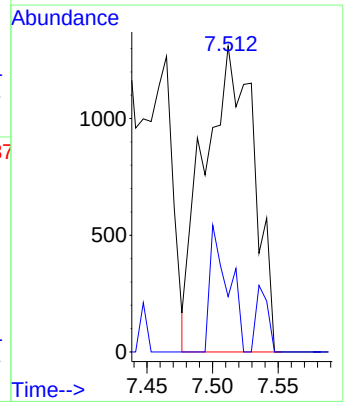


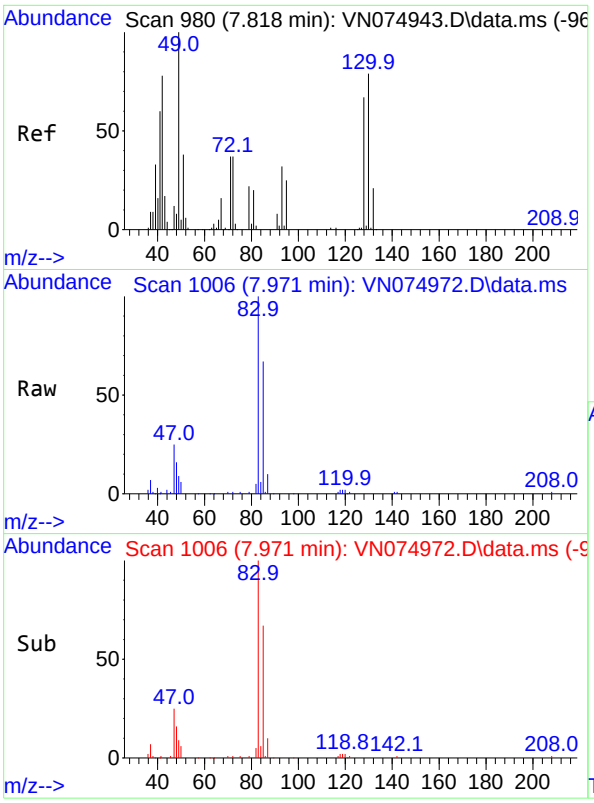


#25
2-Butanone
Concen: 0.287 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 43 Resp: 3455

Ion	Ratio	Lower	Upper
43	100		
72	18.1	23.9	35.9#



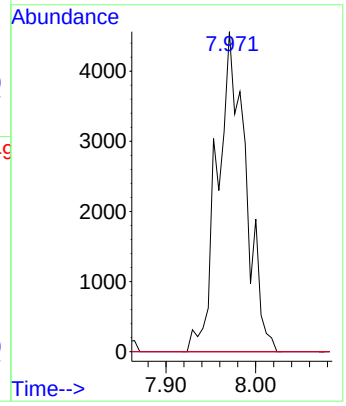


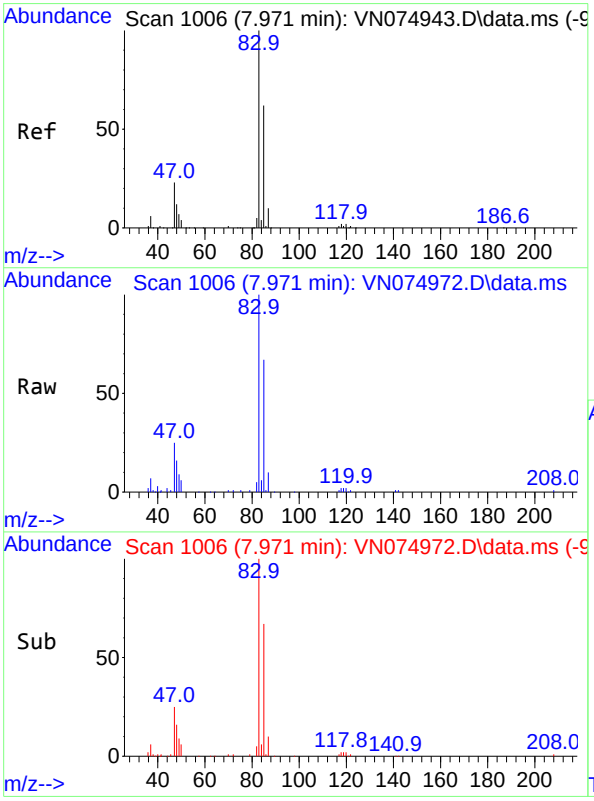
#28
Bromochloromethane
Concen: 0.940 ug/l
RT: 7.971 min Scan# 1
Delta R.T. 0.153 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 49 Resp: 10034

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	64.4	96.6#

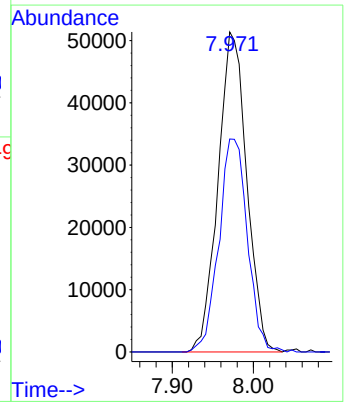


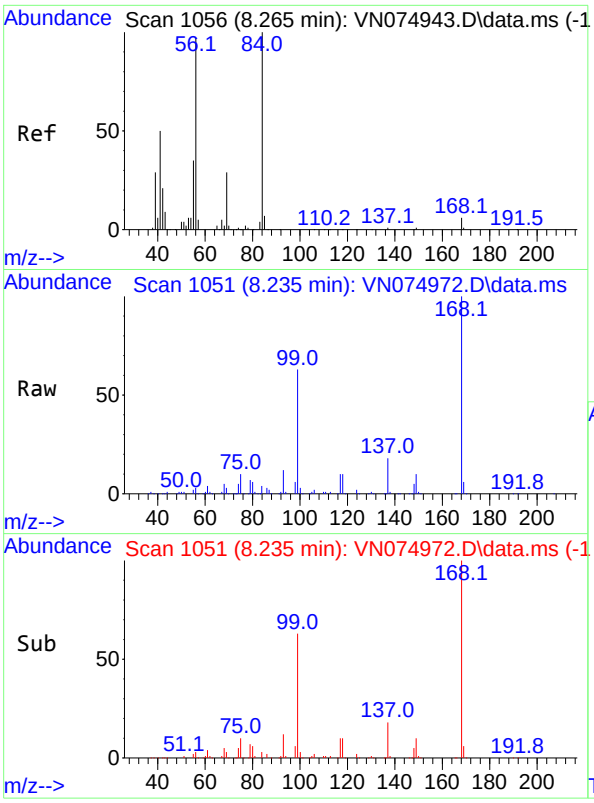


#30
Chloroform
Concen: 4.362 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 83 Resp: 126330

Ion	Ratio	Lower	Upper
83	100		
85	66.6	49.9	74.9



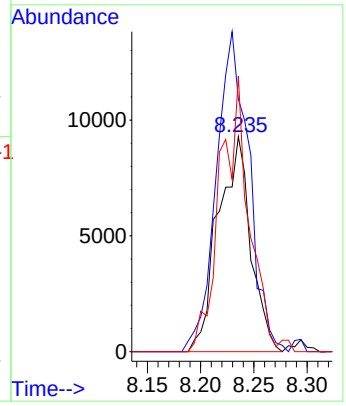


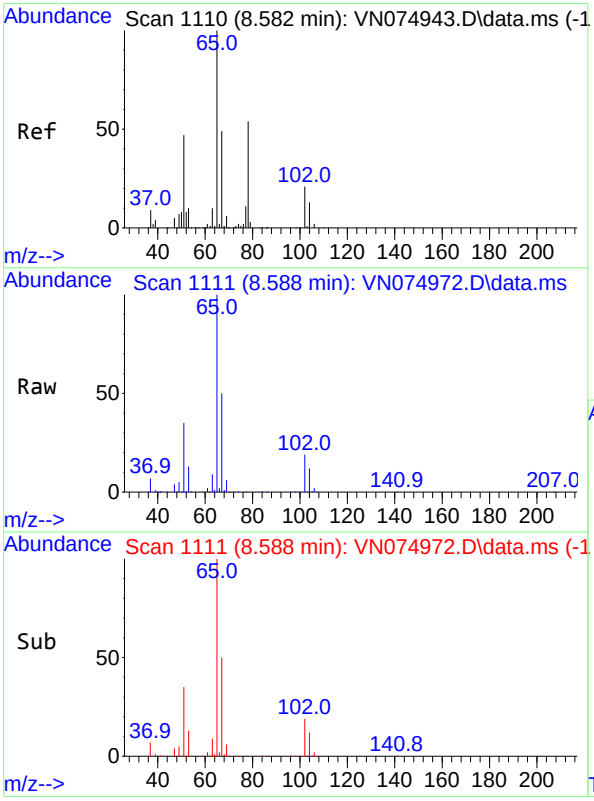
#31
Cyclohexane
Concen: 0.977 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 56 Resp: 19745

Ion	Ratio	Lower	Upper
56	100		
69	124.6	24.2	36.2#
84	128.1	82.8	124.2#

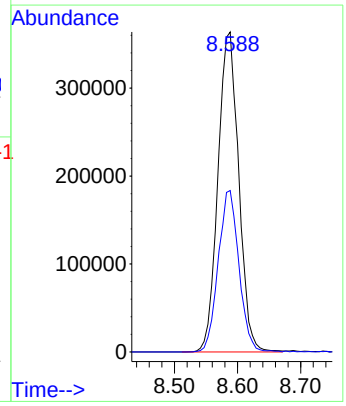


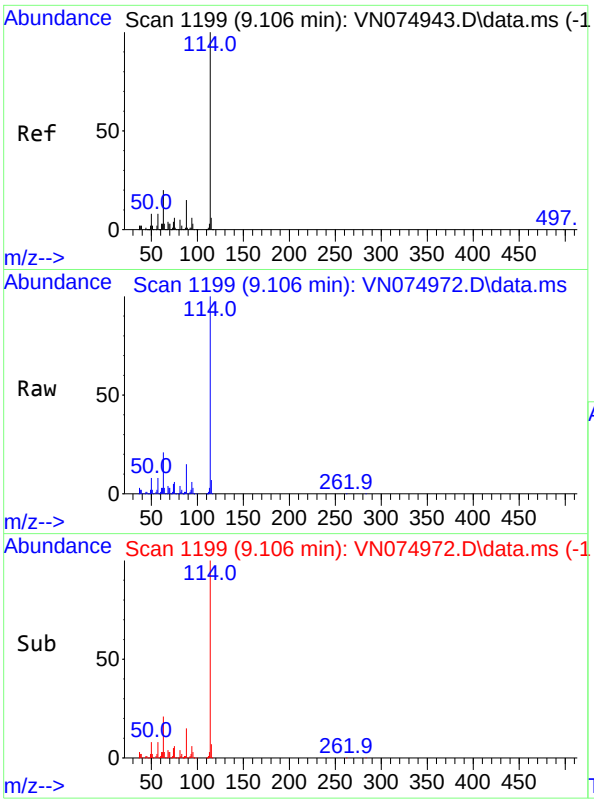


#33
1,2-Dichloroethane-d4
Concen: 42.078 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 65 Resp: 832235

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.6



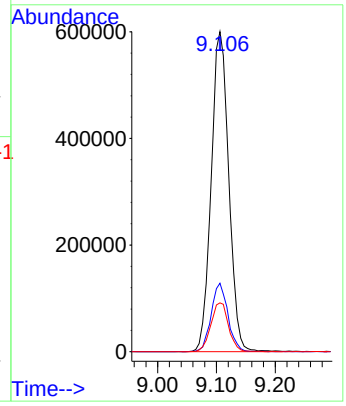


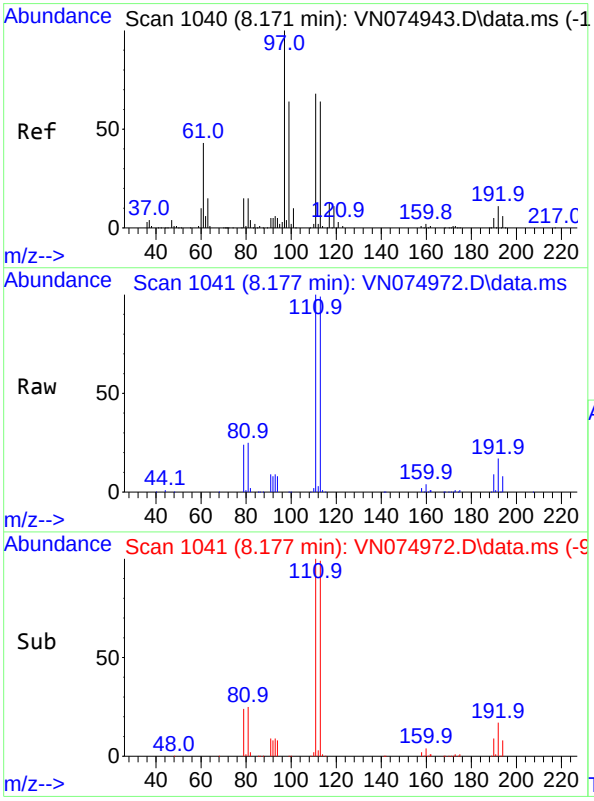
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion:114 Resp: 1245769

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.8
88	15.2	0.0	30.4

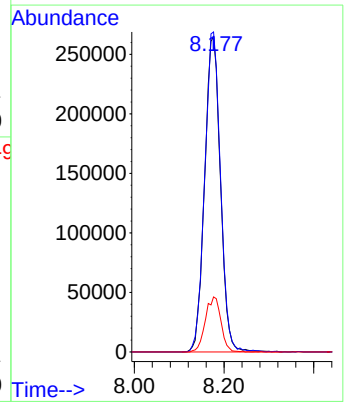


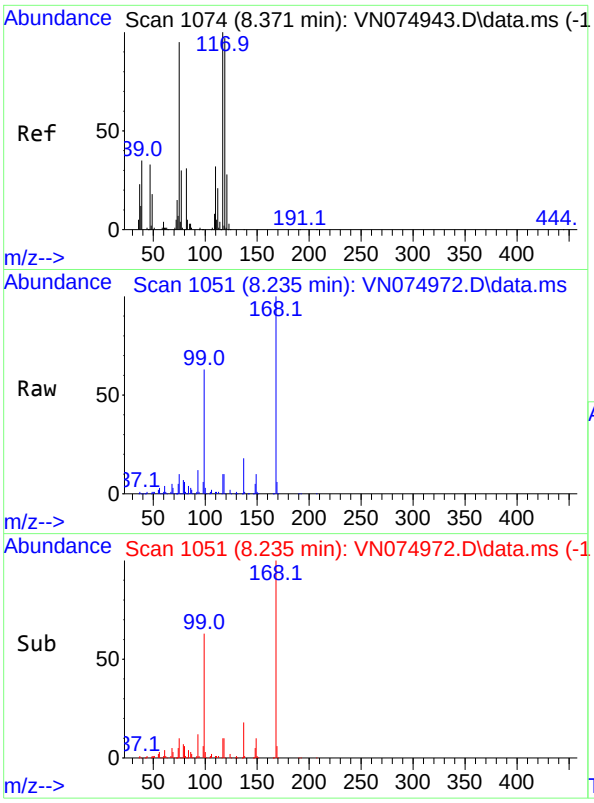


#35
Dibromofluoromethane
Concen: 43.618 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:113 Resp: 646765

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.4	125.2
192	17.2	13.3	19.9



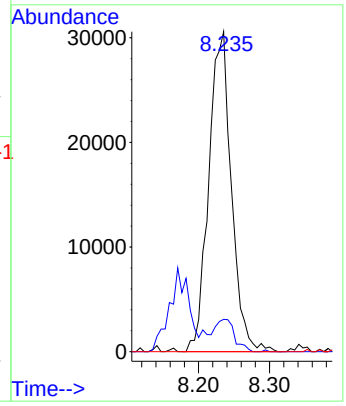


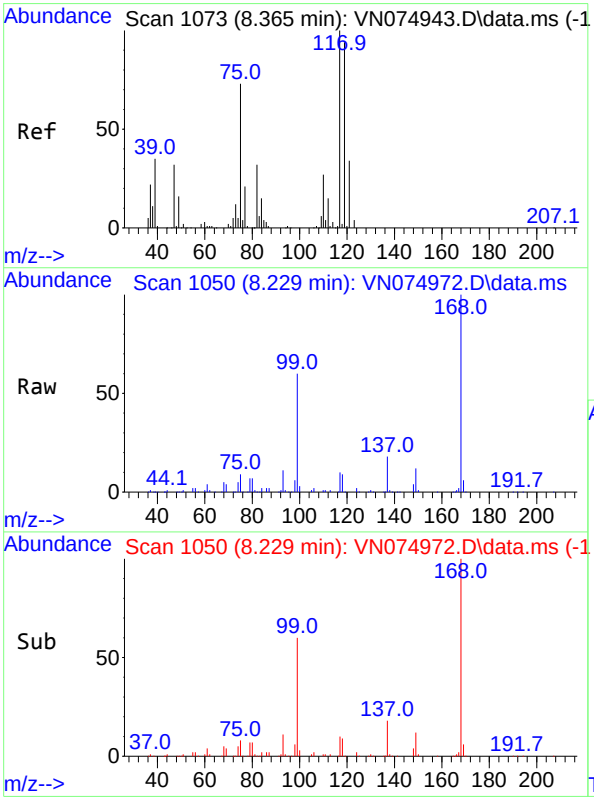
#36
1,1-Dichloropropene
Concen: 3.625 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 75 Resp: 67696

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.0	37.4#

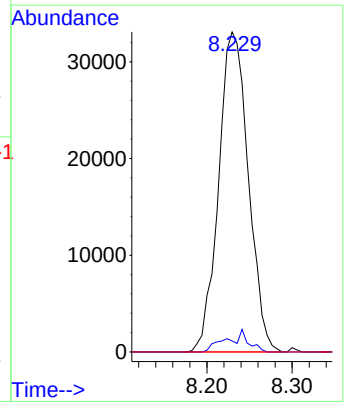


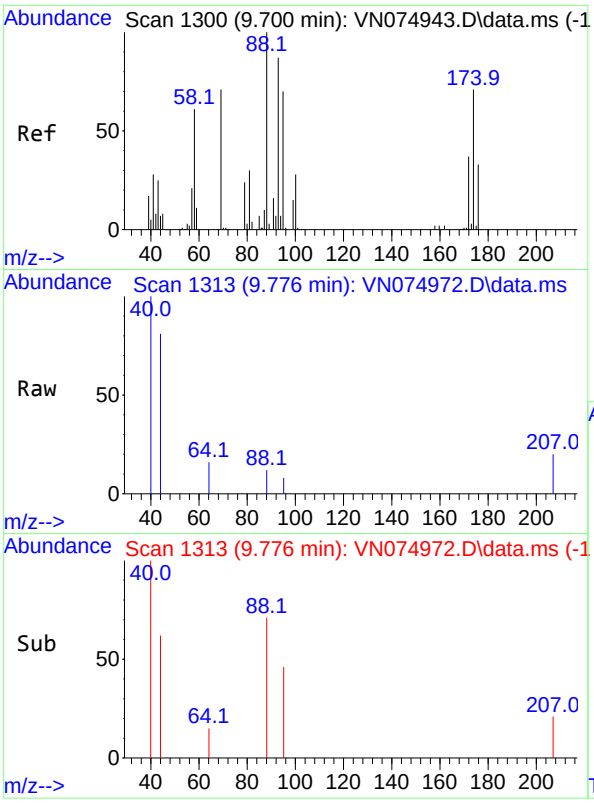


#38
Carbon Tetrachloride
Concen: 3.952 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:117 Resp: 80329

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.2	112.8#
121	0.0	27.0	40.6#



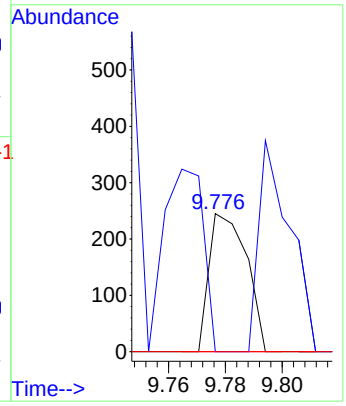


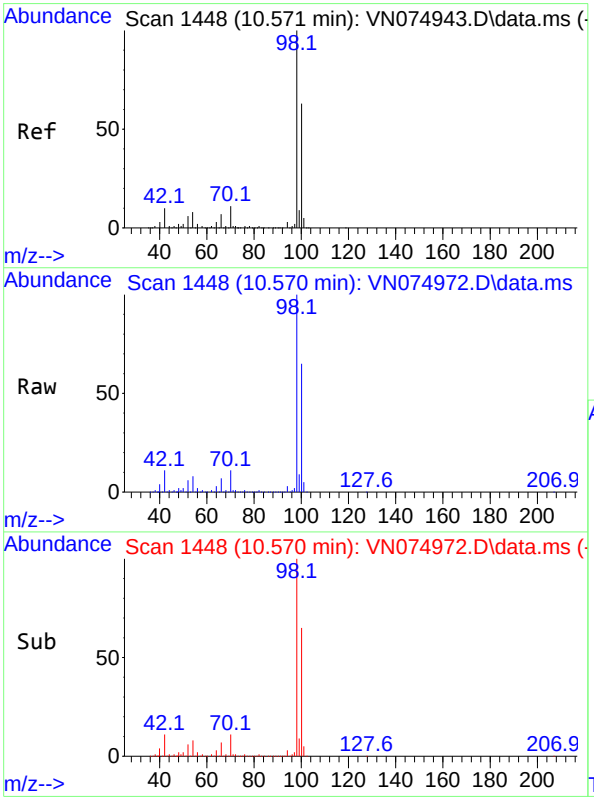
#49
1,4-Dioxane
Concen: 0.522 ug/l
RT: 9.776 min Scan# 1
Delta R.T. 0.076 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 88 Resp: 225

Ion	Ratio	Lower	Upper
88	100		
43	139.1	21.1	31.7#
58	0.0	49.8	74.8#

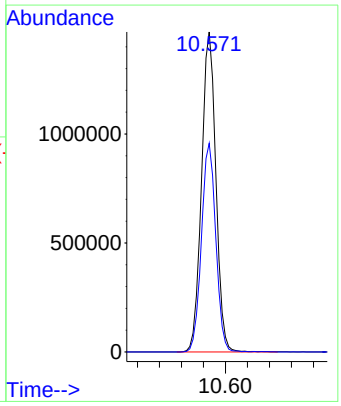


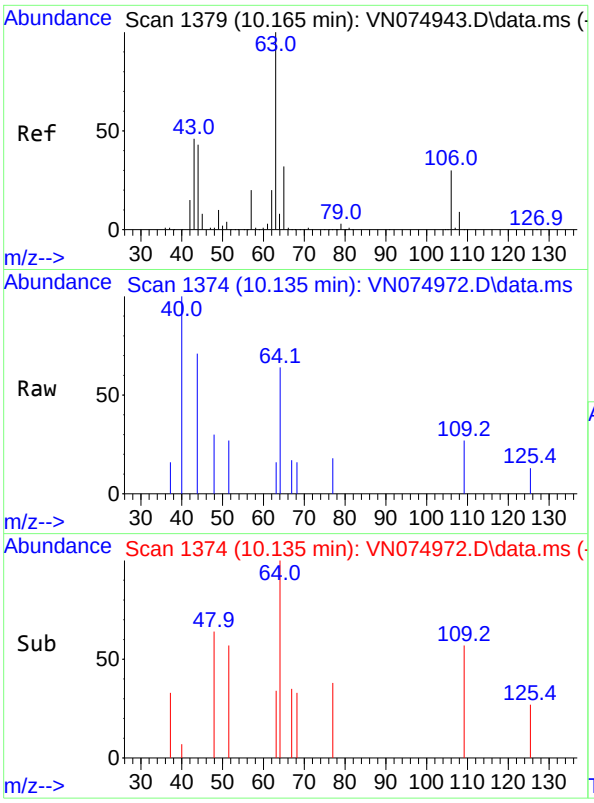


#50
Toluene-d8
Concen: 46.598 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 98 Resp: 2650973

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.2



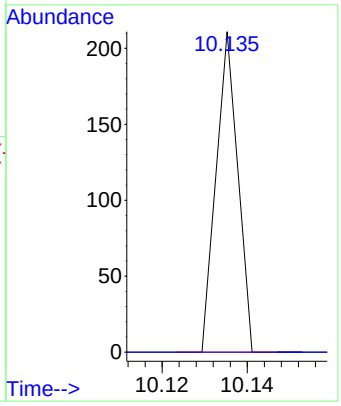


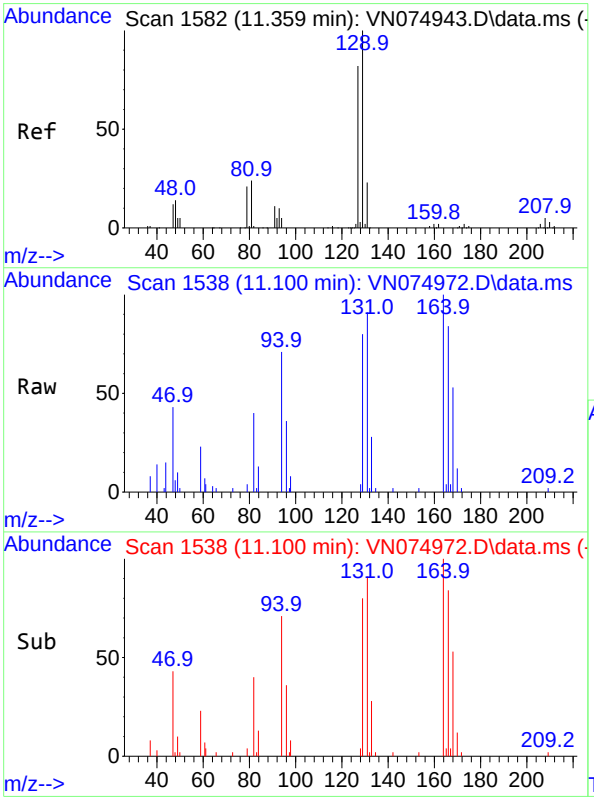
#58
2-Chloroethyl Vinyl ether
Concen: 3.616 ug/l
RT: 10.135 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 63 Resp: 74

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.1	36.1#

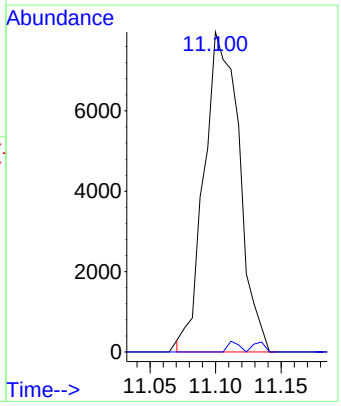


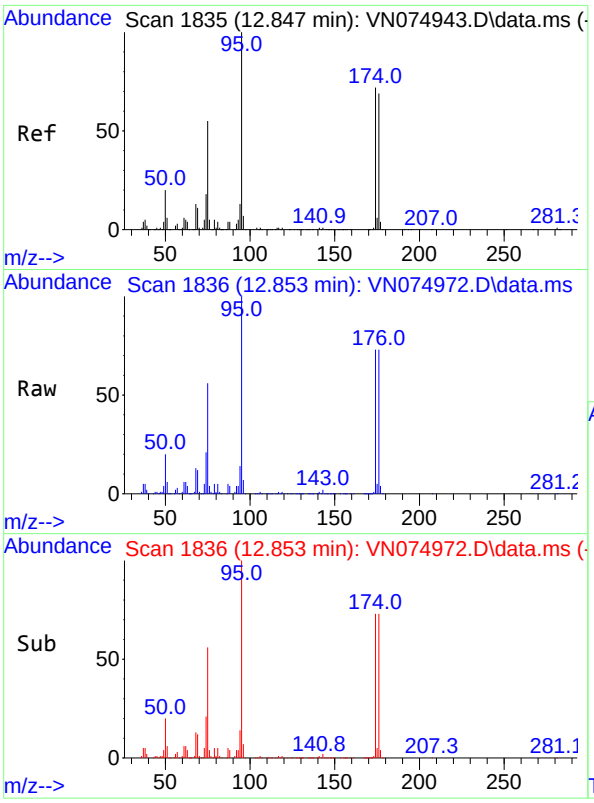


#60
Dibromochloromethane
Concen: 0.897 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.259 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:129 Resp: 14837

Ion	Ratio	Lower	Upper
129	100		
127	1.1	39.0	116.9#



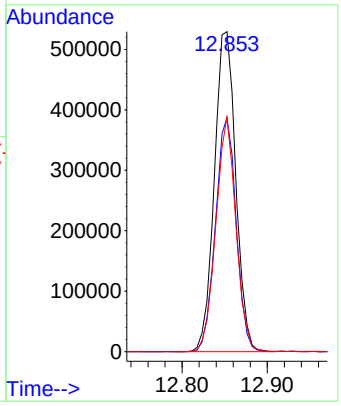


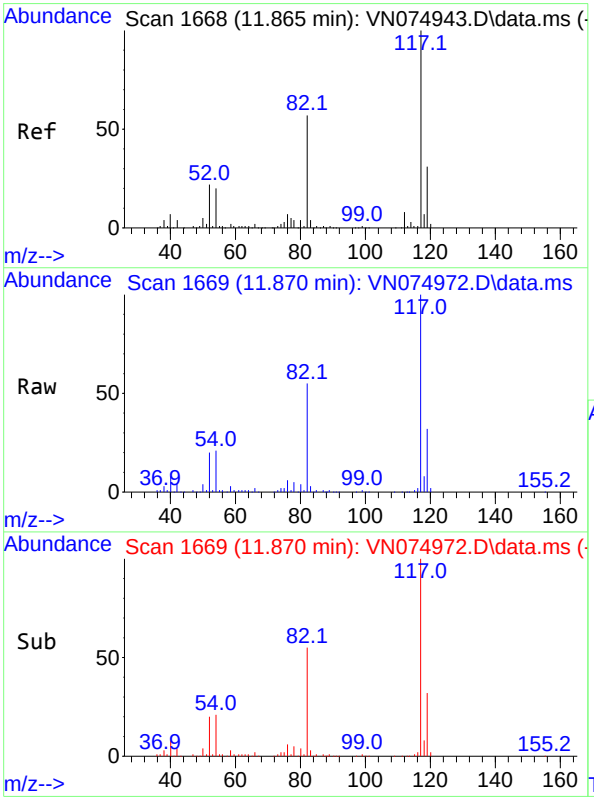
#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 95 Resp: 923258

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	143.0
176	68.4	0.0	138.2

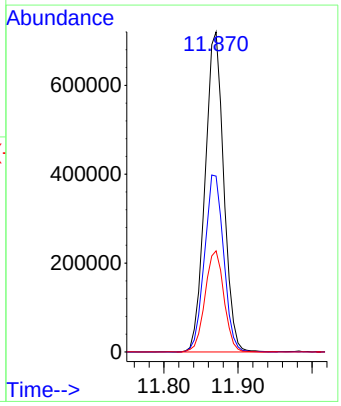


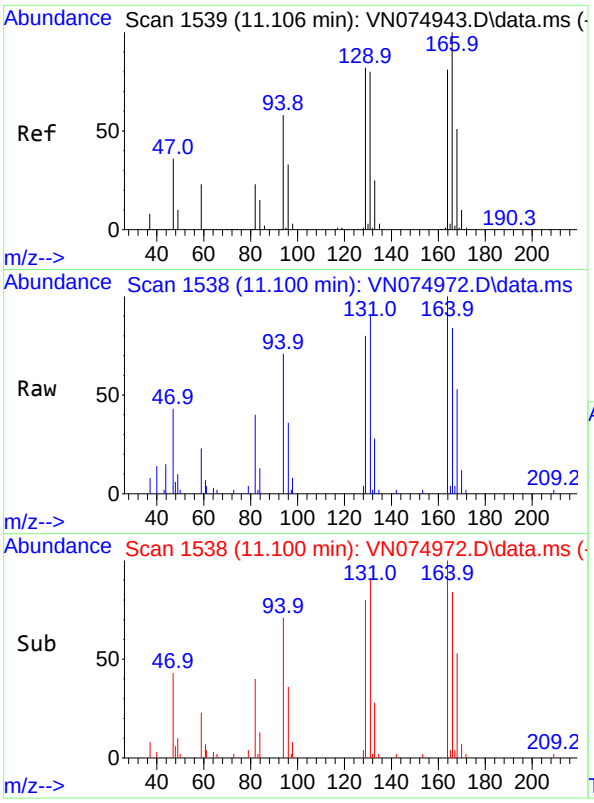


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:117 Resp: 1259115

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.6	68.4
119	31.6	25.1	37.7



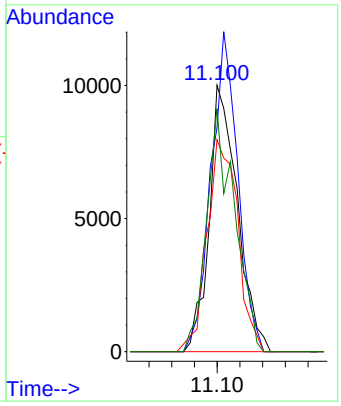


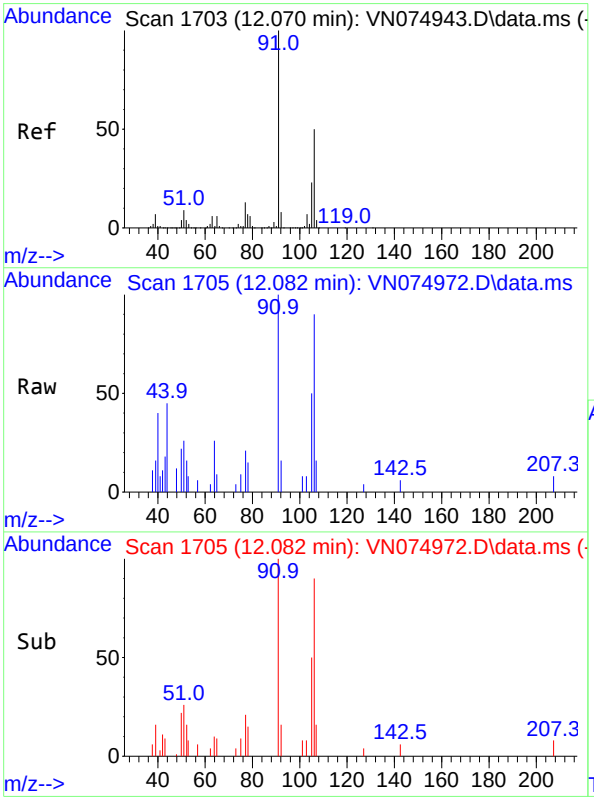
#64
Tetrachloroethene
Concen: 1.682 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion:164 Resp: 17316

Ion	Ratio	Lower	Upper
164	100		
166	84.1	98.6	148.0#
129	79.6	81.2	121.8#
131	91.3	79.0	118.6

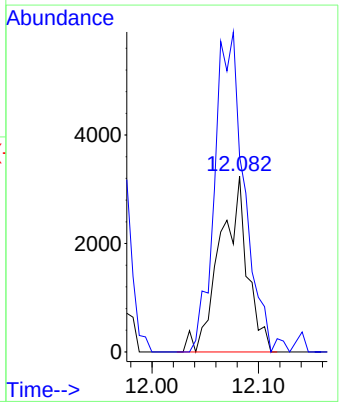


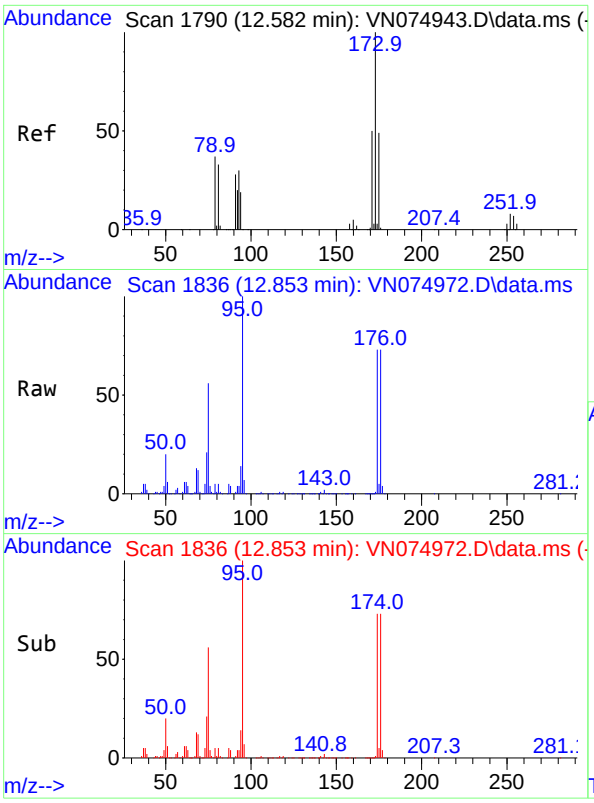


#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.012 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:106 Resp: 5801

Ion	Ratio	Lower	Upper
106	100		
91	198.0	159.7	239.5



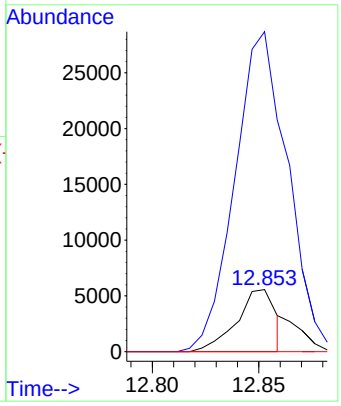


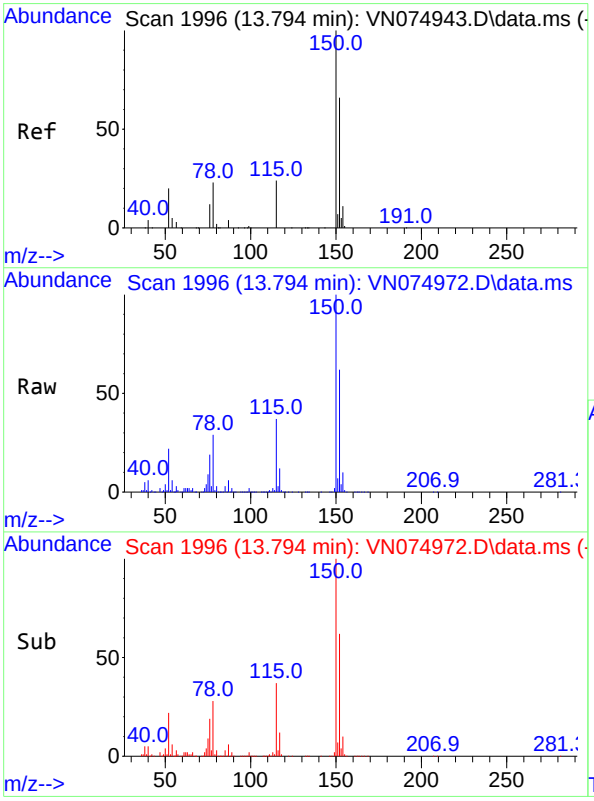
#71
Bromoform
Concen: 0.655 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.270 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion:173 Resp: 7089

Ion	Ratio	Lower	Upper
173	100		
175	558.3	24.8	74.3#
254	0.0	0.1	0.1#

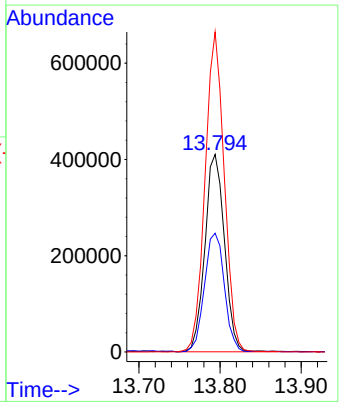


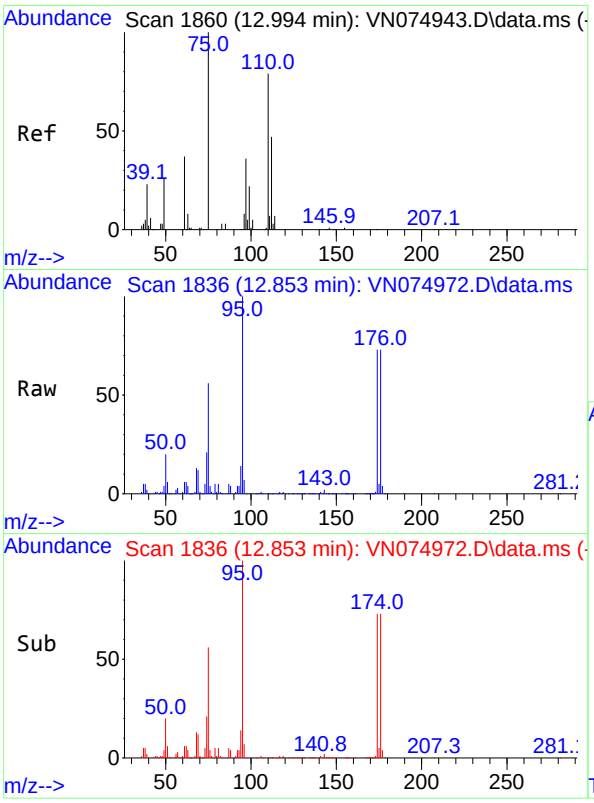


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:152 Resp: 687204

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.8
150	158.4	0.0	349.6



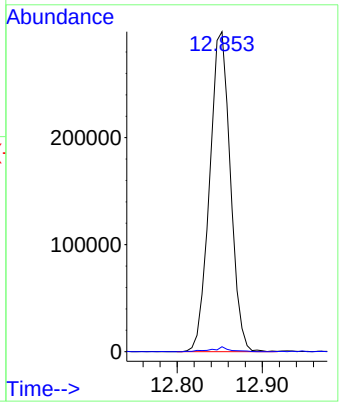


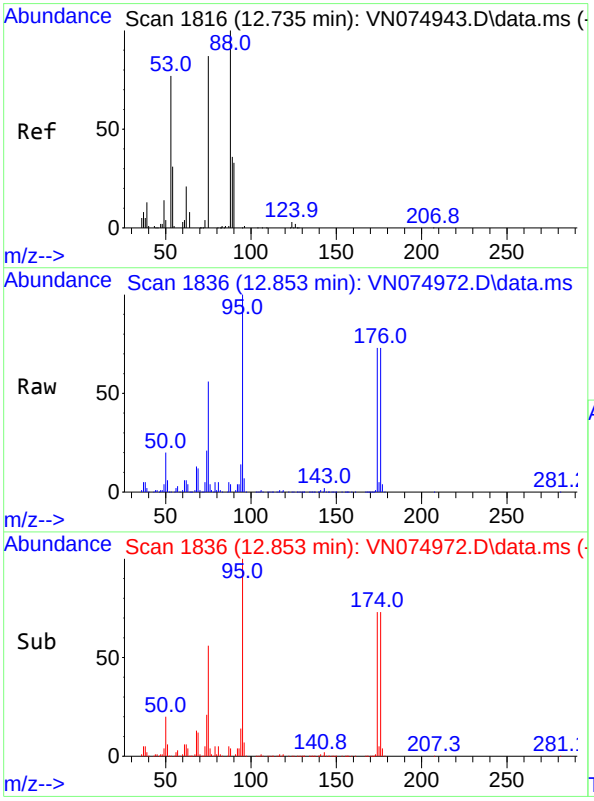
#76
1,2,3-Trichloropropane
Concen: 27.186 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion: 75 Resp: 506639

Ion	Ratio	Lower	Upper
75	100		
77	1.3	81.0	243.0#

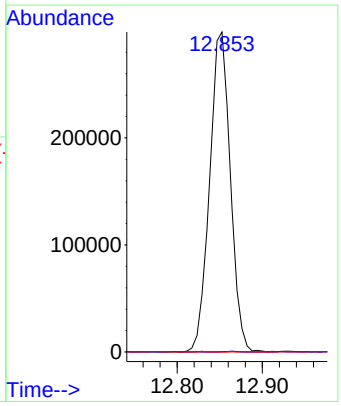


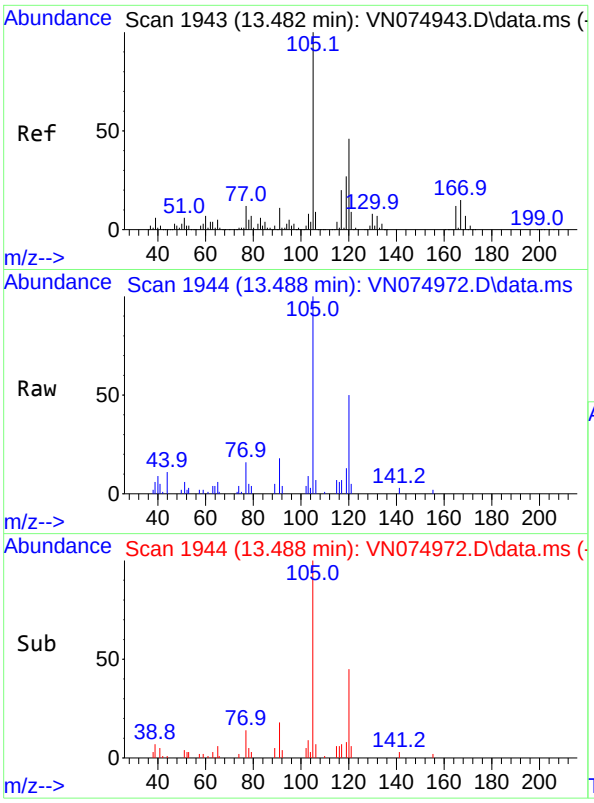


#81
trans-1,4-Dichloro-2-butene
Concen: 87.163 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion: 75 Resp: 506639

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.2	118.8#
89	0.1	37.9	56.9#



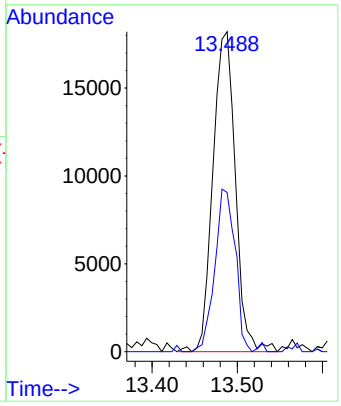


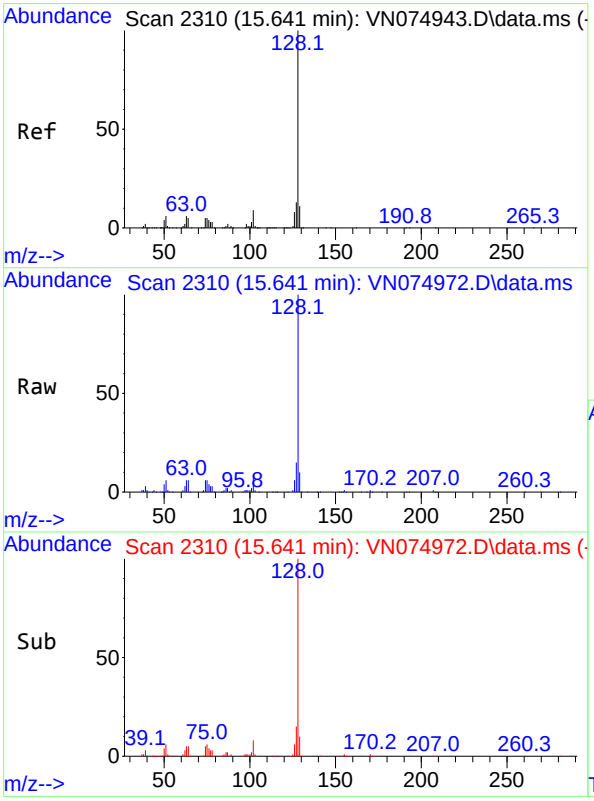
#84
1,2,4-Trimethylbenzene
Concen: 0.681 ug/l
RT: 13.488 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Instrument :
MSVOA_N
ClientSampleId :
MW-16D

Tgt Ion:105 Resp: 33338

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.5





#95
Naphthalene
Concen: 10.625 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074972.D
Acq: 21 Oct 2022 19:25

Tgt Ion:128 Resp: 443618

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.5	8.6	12.8