Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071463.D
Acq On : 22 Mar 2022 13:19
Operator : JC\MD
Sample : PB143494ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Quant Time: Mar 23 07:07:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	758576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1298024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1256644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	473274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	509649	49.021	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.040%			
35) Dibromofluoromethane	8.016	113	381279	46.549	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.100%			
50) Toluene-d8	10.439	98	1631884	49.482	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.960%			
62) 4-Bromofluorobenzene	12.727	95	585046	52.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.780%			
Target Compounds						Qvalue
3) Chloromethane	2.299	50	5849	0.490	ug/l #	76
5) Bromomethane	2.869	94	1058	Below Cal	#	80
6) Chloroethane	3.022	64	1325	0.215	ug/l #	51
11) Tert butyl alcohol	5.316	59	3051	1.494	ug/l #	71
16) Acetone	4.298	43	39747	7.857	ug/l	98
18) Methyl Acetate	4.863	43	15846	1.625	ug/l #	85
20) Methylene Chloride	5.093	84	11522	1.619	ug/l #	88
25) 2-Butanone	7.339	43	7517	0.922	ug/l #	85
29) Tetrahydrofuran	7.692	42	1793	0.318	ug/l #	55
31) Cyclohexane	8.081	56	16557	0.997	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	60268	4.592	ug/l #	49
38) Carbon Tetrachloride	8.086	117	73053	5.755	ug/l #	17
43) Isopropyl Acetate	8.557	43	109007	4.036	ug/l #	82
45) 1,2-Dichloropropane	9.616	63	5384	0.507	ug/l #	44
48) Methyl methacrylate	9.539	41	22358	1.786	ug/l #	8
49) 1,4-Dioxane	9.575	88	83	0.381	ug/l #	27
51) 4-Methyl-2-Pentanone	10.328	43	15658	0.934	ug/l	98
54) cis-1,3-Dichloropropene	10.239	75	119440	7.511	ug/l #	63
57) 1,3-Dichloropropane	11.086	76	72340	4.131	ug/l #	43
59) 2-Hexanone	11.086	43	1168396	102.159	ug/l #	49
71) Bromoform	12.727	173	3786	0.504	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.816	83	114	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	303322	25.034	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	303322	69.281	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1539	3.176	ug/l	91
95) Naphthalene	15.504	128	4874	5.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	1661	2.943	ug/l	87

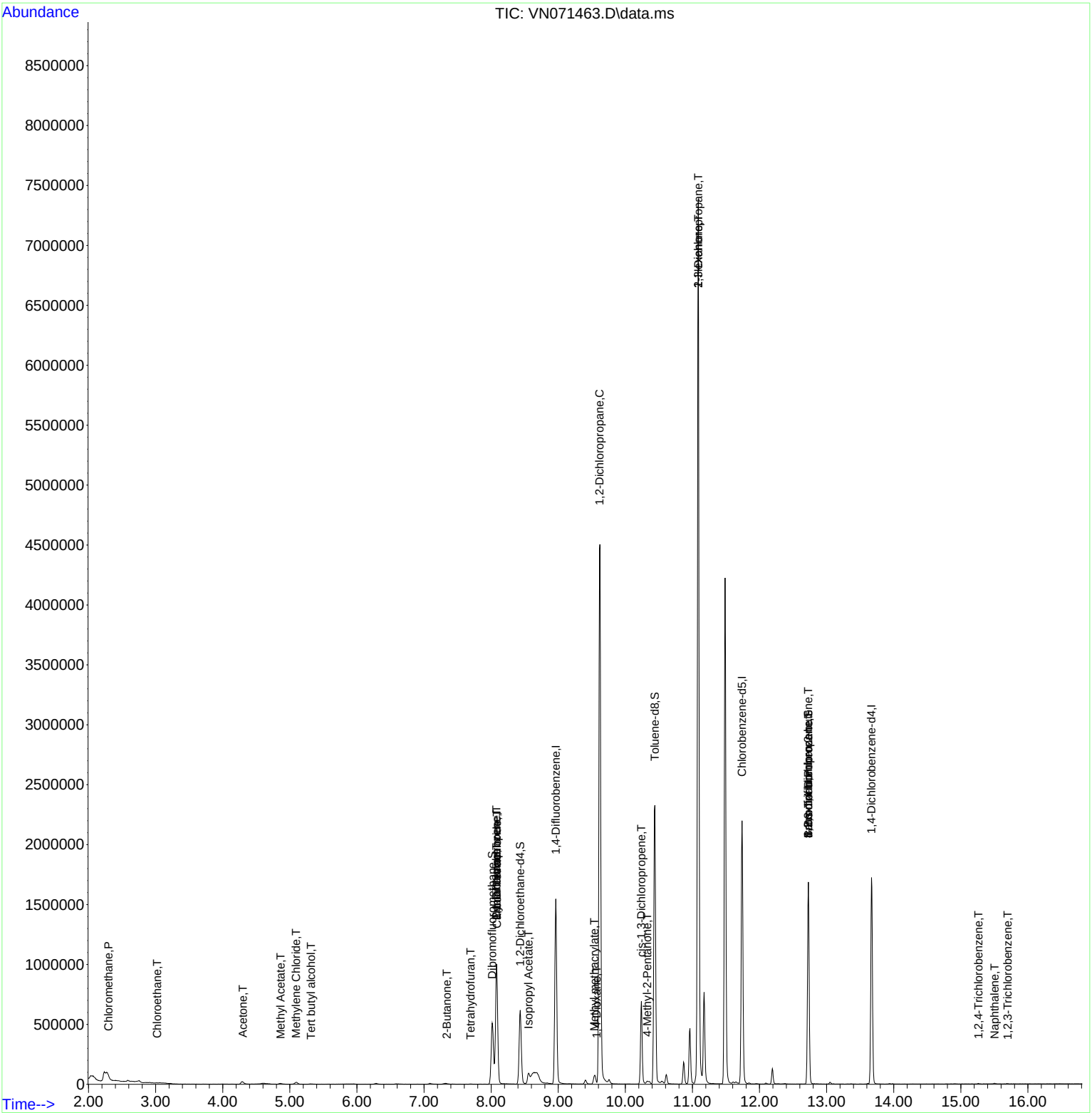
(#) = qualifier out of range (m) = manual integration (+) = signals summed

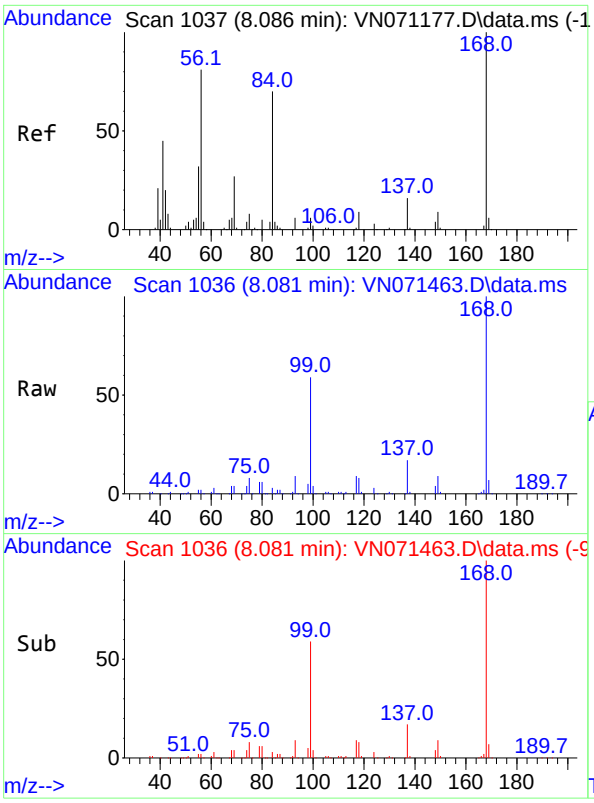
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
Data File : VN071463.D
Acq On : 22 Mar 2022 13:19
Operator : JC\MD
Sample : PB143494ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Quant Time: Mar 23 07:07:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration



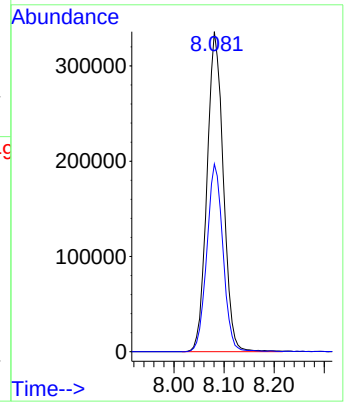


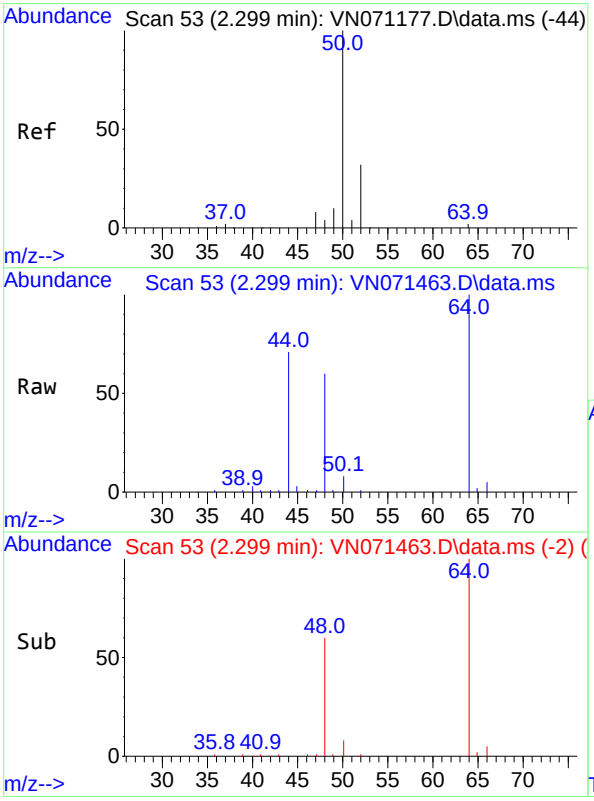
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:168 Resp: 758576

Ion	Ratio	Lower	Upper
168	100		
99	58.7	41.3	61.9

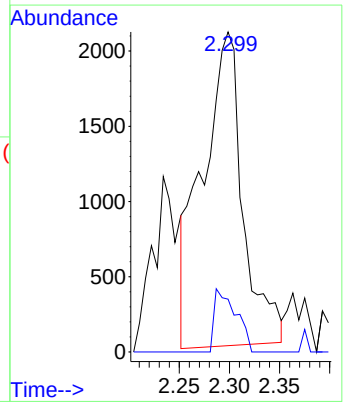


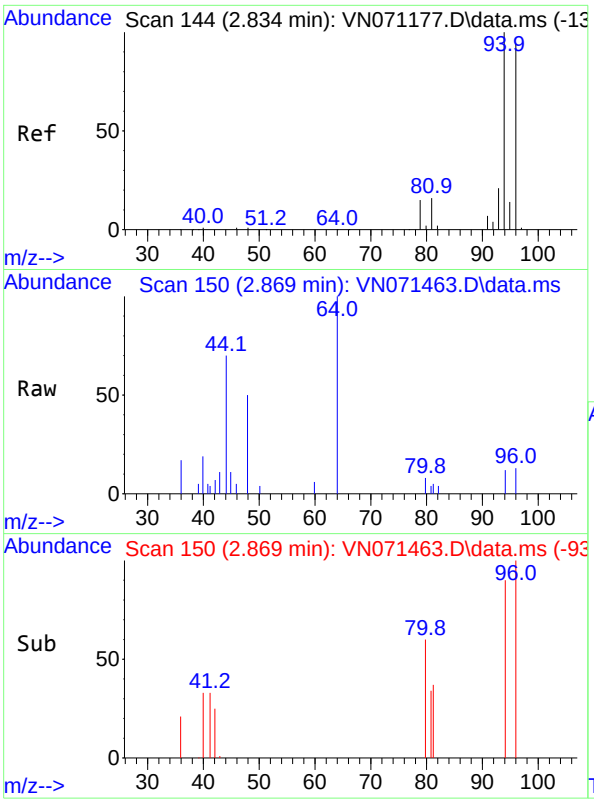


#3
Chloromethane
Concen: 0.490 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 50 Resp: 5849

Ion	Ratio	Lower	Upper
50	100		
52	18.3	25.4	38.0#



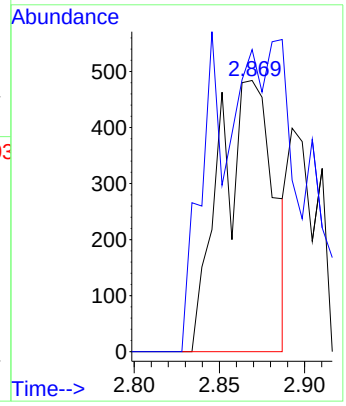


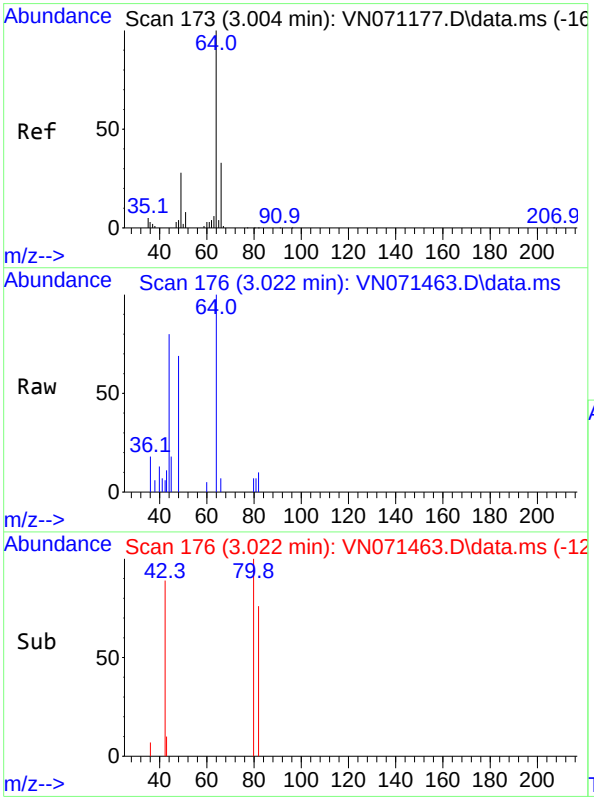
#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 94 Resp: 1058

Ion	Ratio	Lower	Upper
94	100		
96	111.4	73.8	110.8#

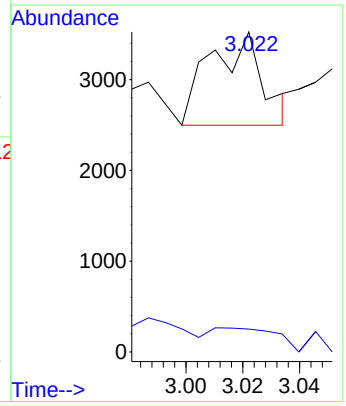


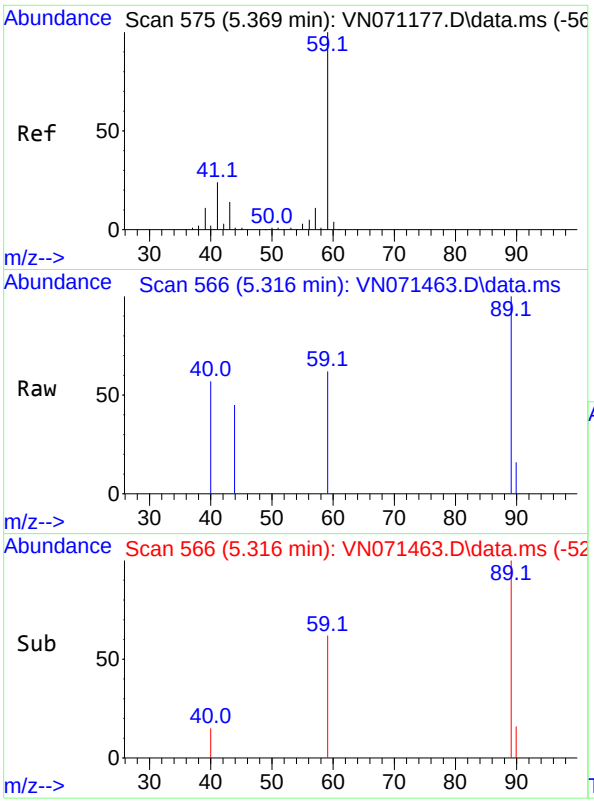


#6
Chloroethane
Concen: 0.215 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 64 Resp: 1325

Ion	Ratio	Lower	Upper
64	100		
66	5.4	26.3	39.5#



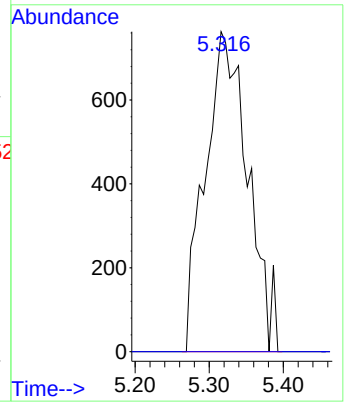


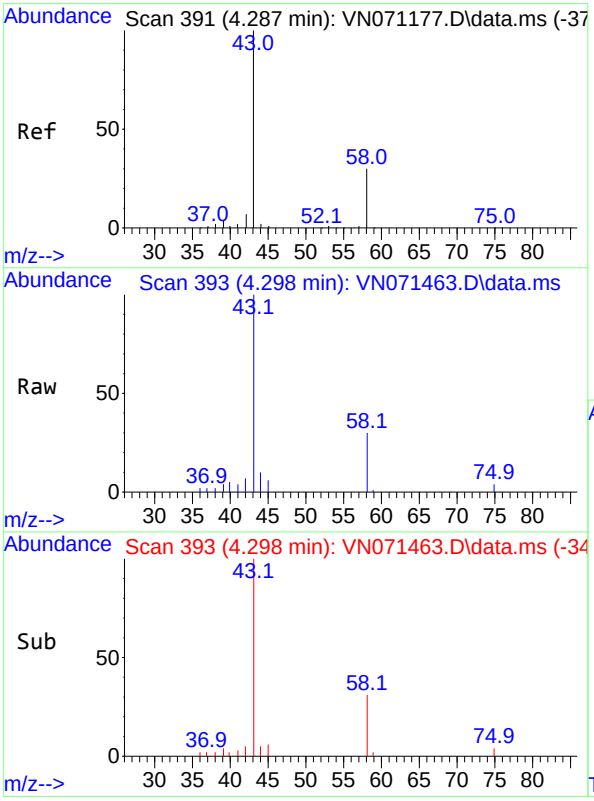
#11
Tert butyl alcohol
Concen: 1.494 ug/l
RT: 5.316 min Scan# 5
Delta R.T. -0.053 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 59 Resp: 3051

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

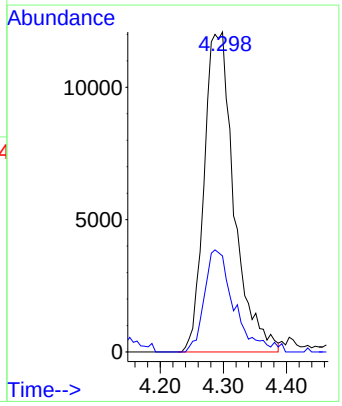


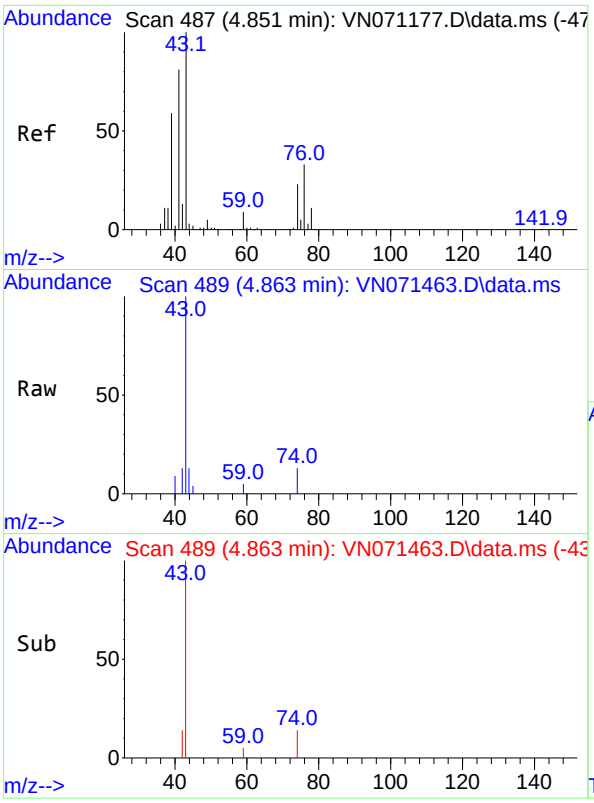


#16
Acetone
Concen: 7.857 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 43 Resp: 39747

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.1	34.7



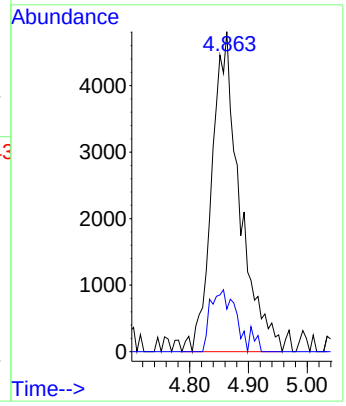


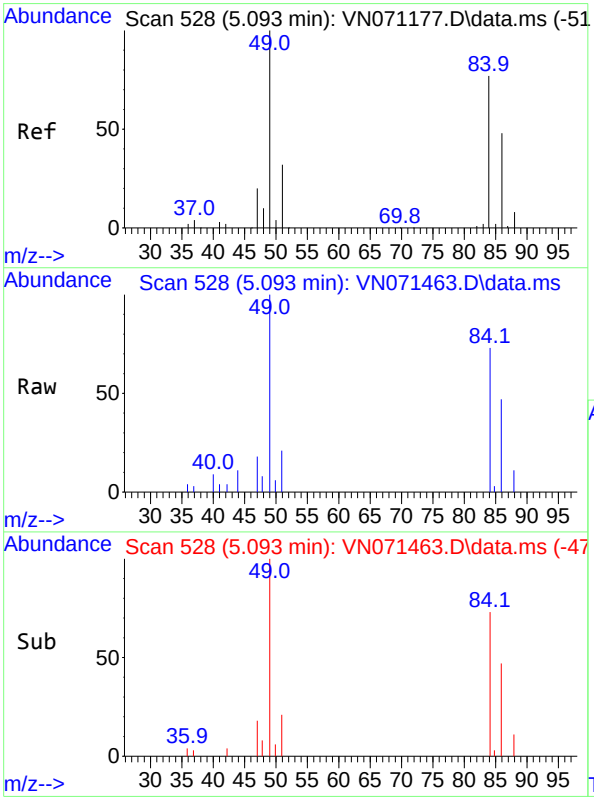
#18
Methyl Acetate
Concen: 1.625 ug/l
RT: 4.863 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 43 Resp: 15846

Ion	Ratio	Lower	Upper
43	100		
74	16.9	19.4	29.2#

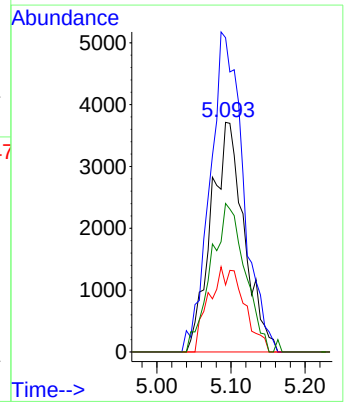


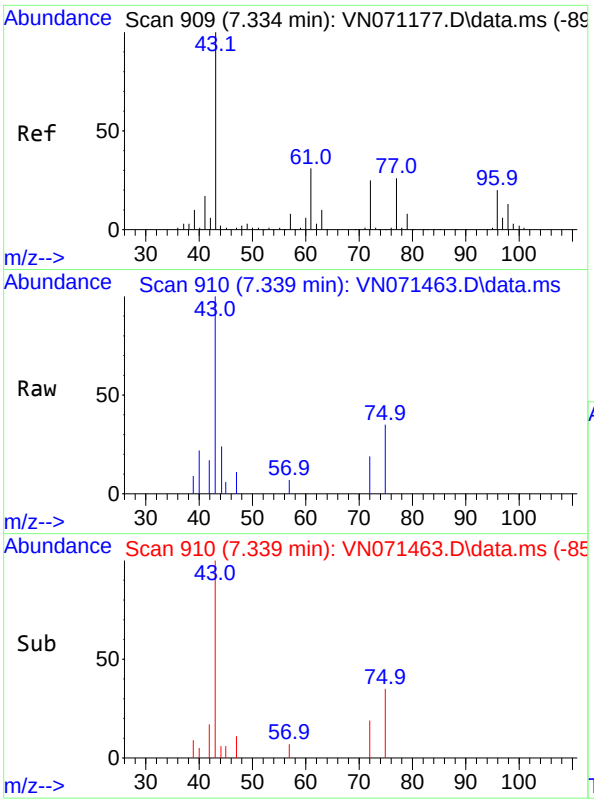


#20
Methylene Chloride
Concen: 1.619 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 84 Resp: 11522

Ion	Ratio	Lower	Upper
84	100		
49	136.8	93.5	140.3
51	29.2	29.4	44.2#
86	64.7	53.0	79.4



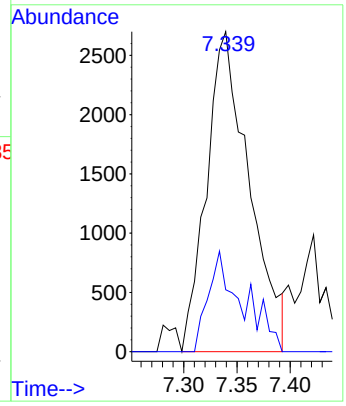


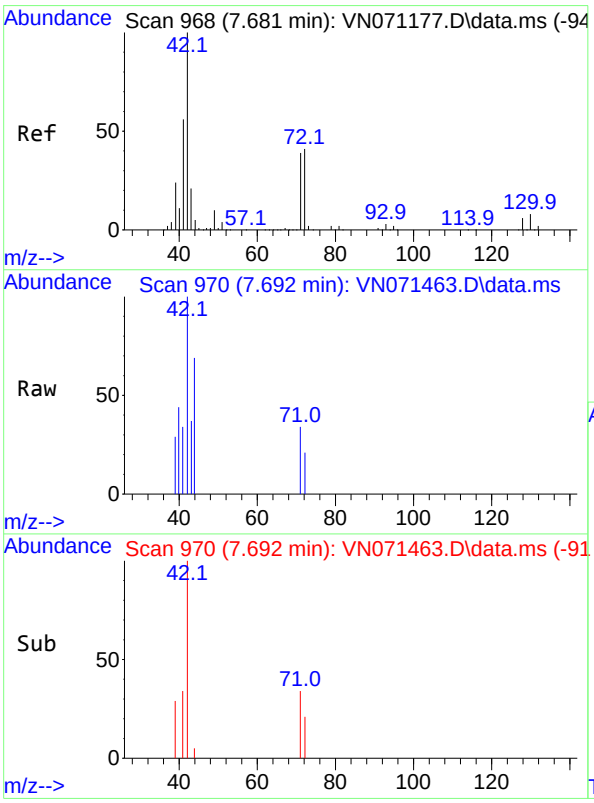
#25
2-Butanone
Concen: 0.922 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 43 Resp: 7517

Ion	Ratio	Lower	Upper
43	100		
72	19.3	21.7	32.5#

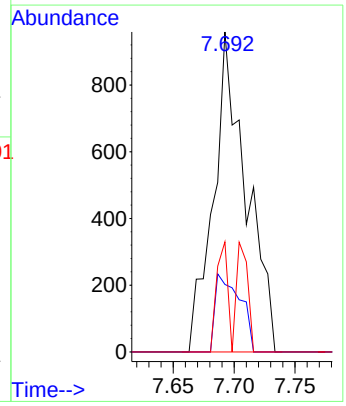


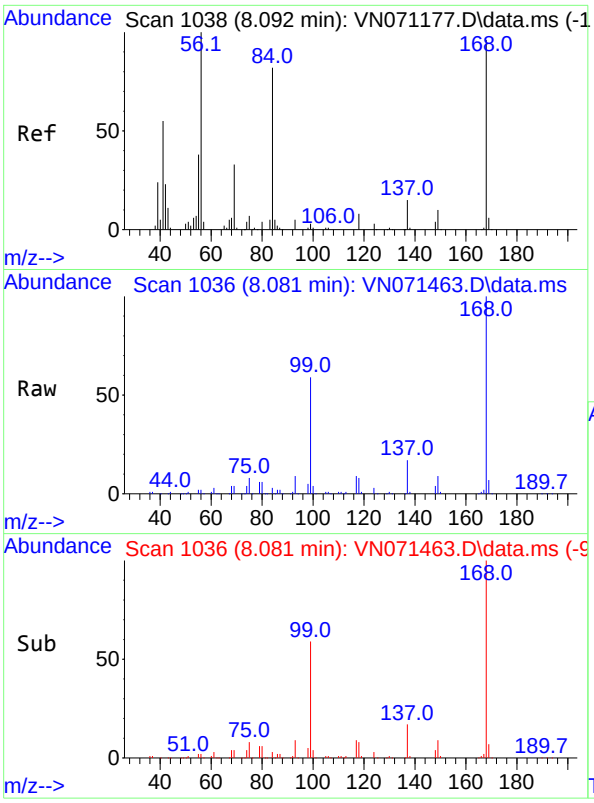


#29
Tetrahydrofuran
Concen: 0.318 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.012 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 42 Resp: 1793

Ion	Ratio	Lower	Upper
42	100		
72	18.4	36.3	54.5#
71	11.5	34.7	52.1#



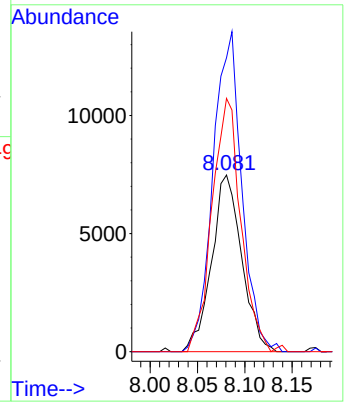


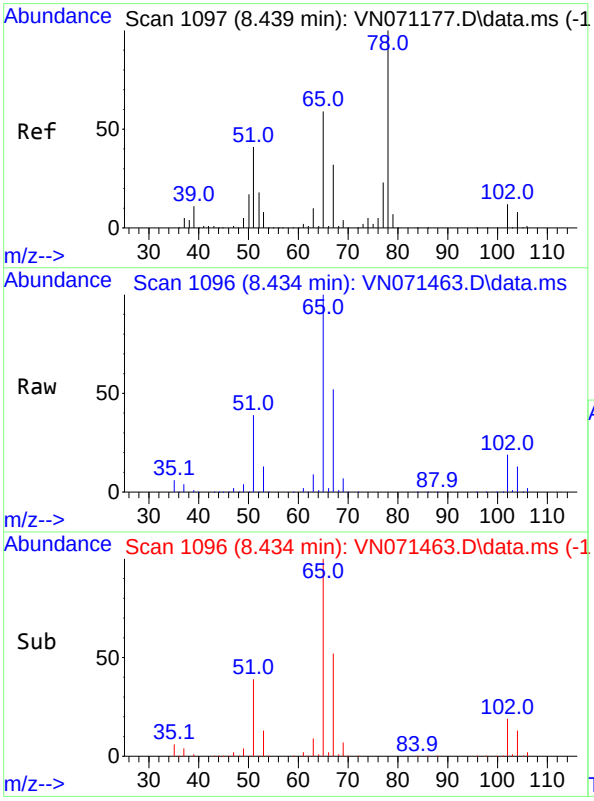
#31
Cyclohexane
Concen: 0.997 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 56 Resp: 16557

Ion	Ratio	Lower	Upper
56	100		
69	166.4	27.1	40.7#
84	143.4	73.4	110.0#

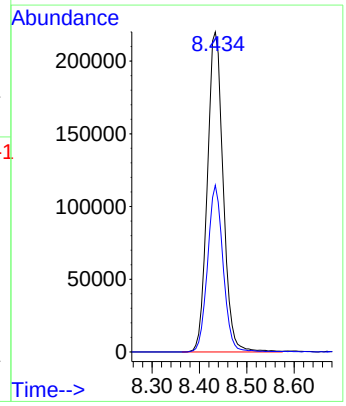


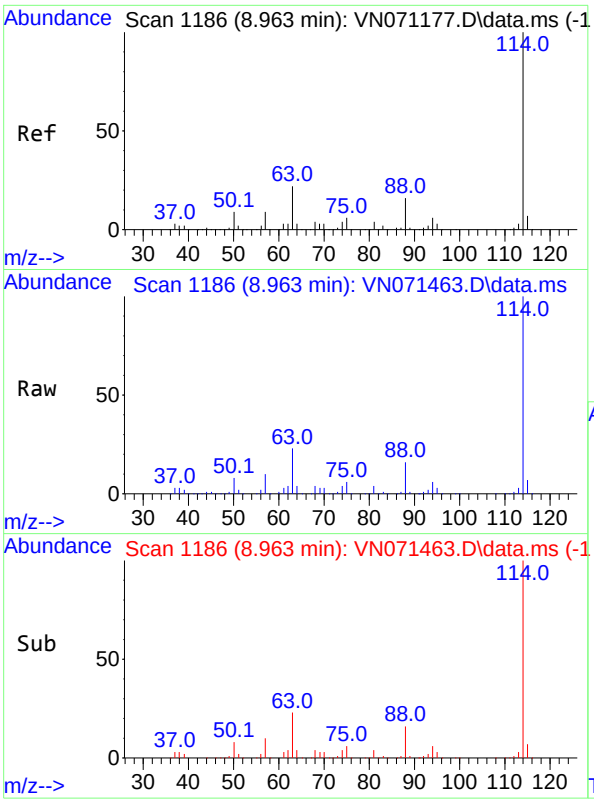


#33
1,2-Dichloroethane-d4
Concen: 49.021 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 65 Resp: 509649

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



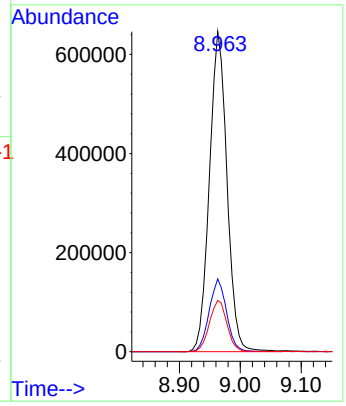


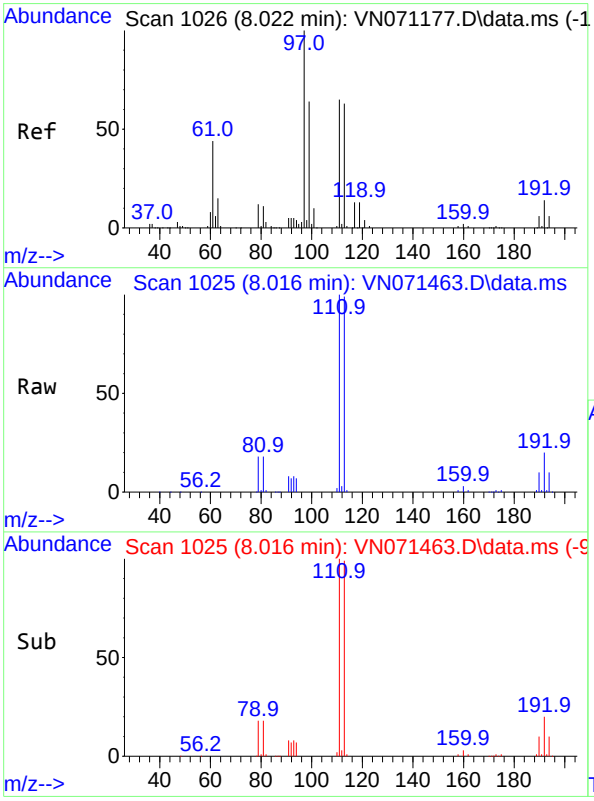
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:114 Resp: 1298024

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	37.8
88	16.0	0.0	27.4

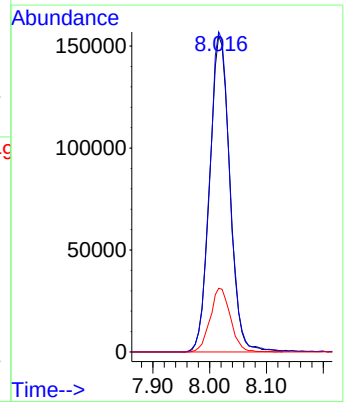


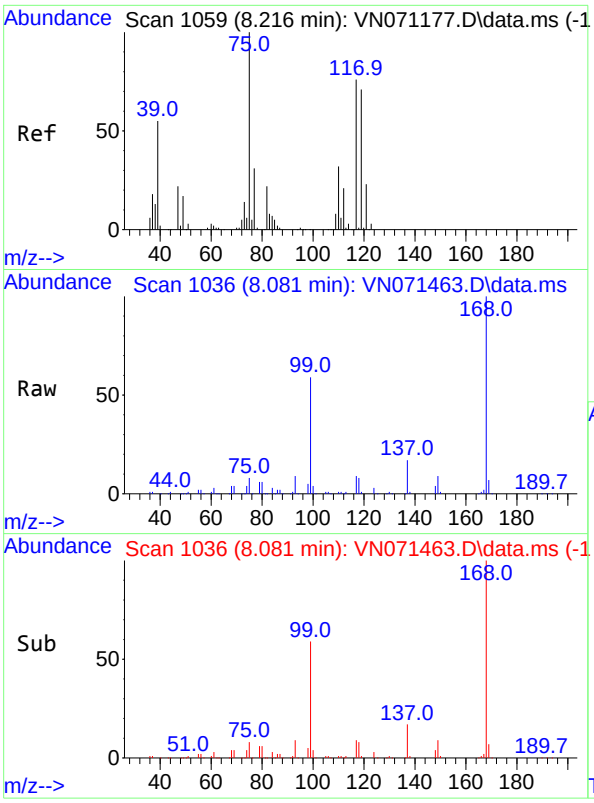


#35
Dibromofluoromethane
Concen: 46.549 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion:113 Resp: 381279

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	20.3	16.9	25.3



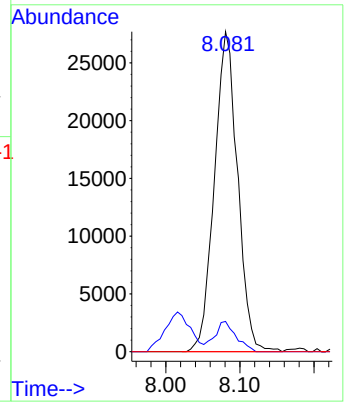


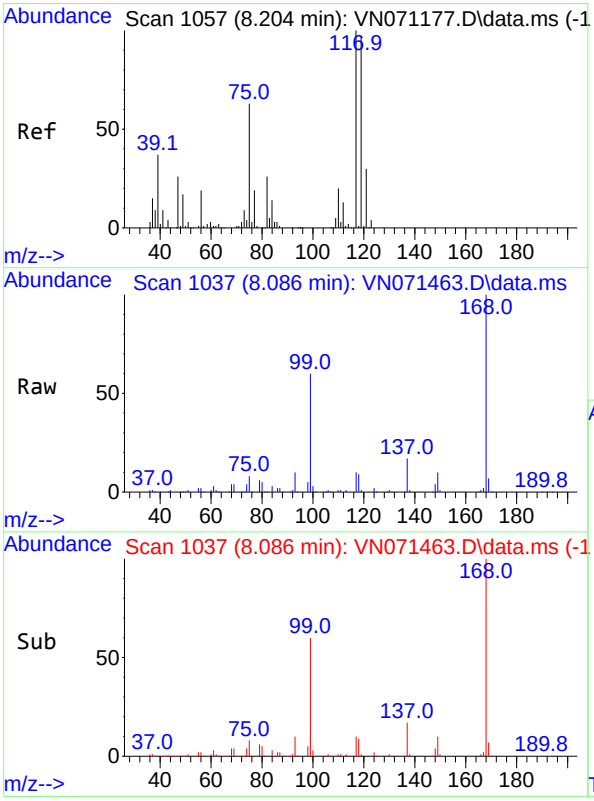
#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 75 Resp: 60268

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.2#
77	0.0	24.4	36.6#

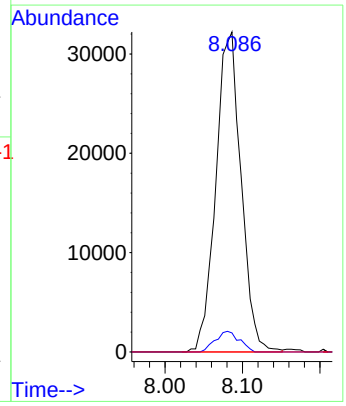


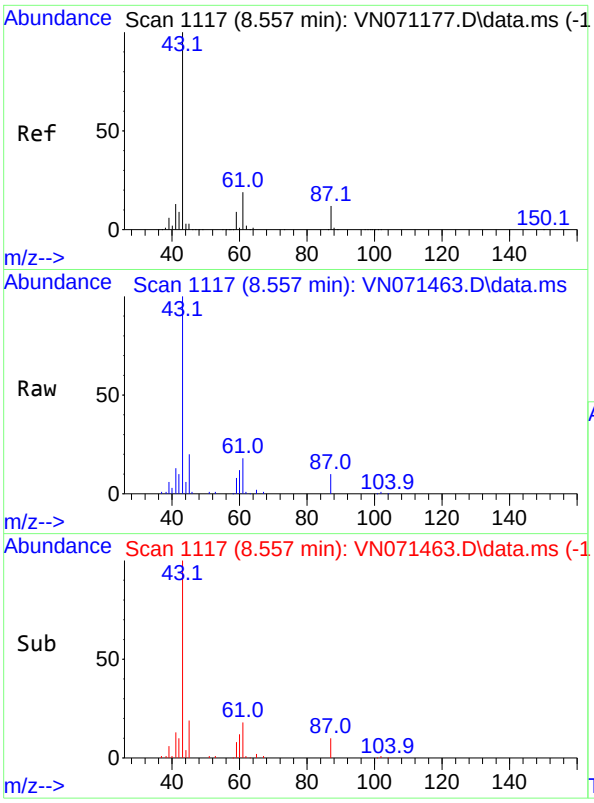


#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.118 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion:117 Resp: 73053

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.1	114.1#
121	0.0	24.2	36.2#



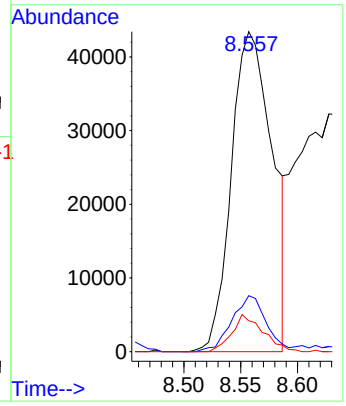


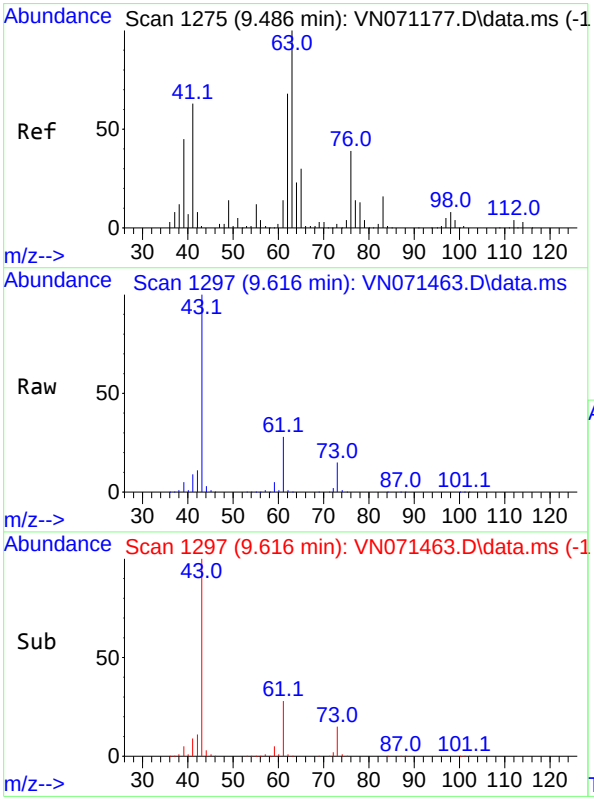
#43
Isopropyl Acetate
Concen: 4.036 ug/l
RT: 8.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 43 Resp: 109007

Ion	Ratio	Lower	Upper
43	100		
61	14.8	20.4	30.6#
87	8.8	11.2	16.8#

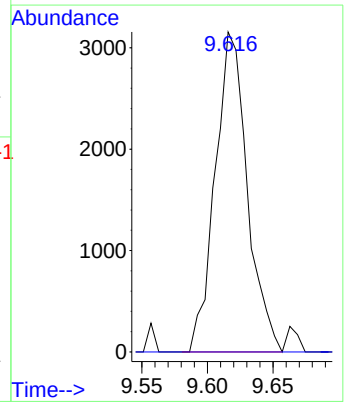


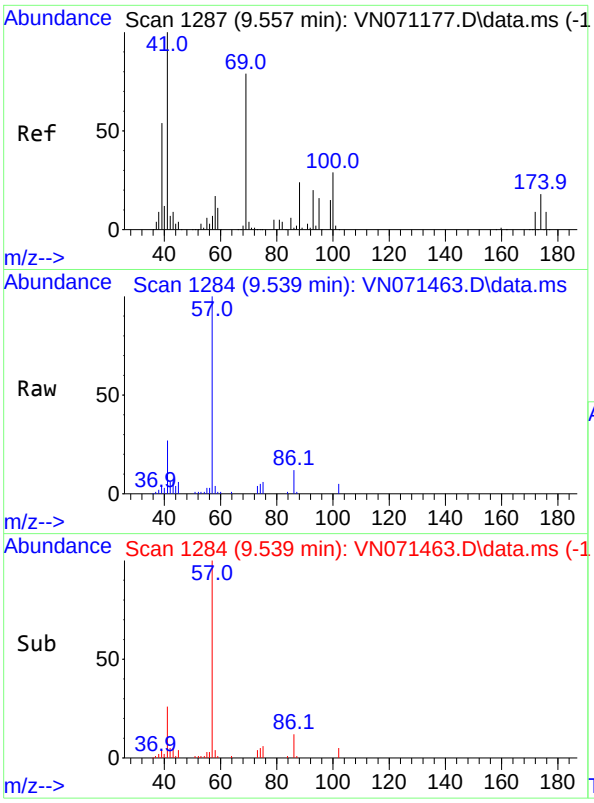


#45
1,2-Dichloropropane
Concen: 0.507 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.130 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 63 Resp: 5384

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



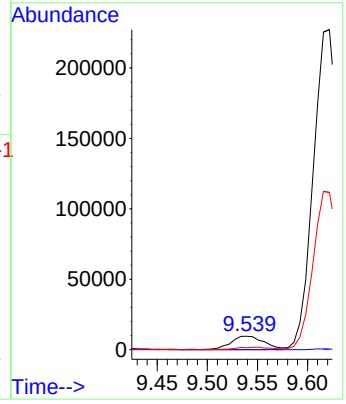


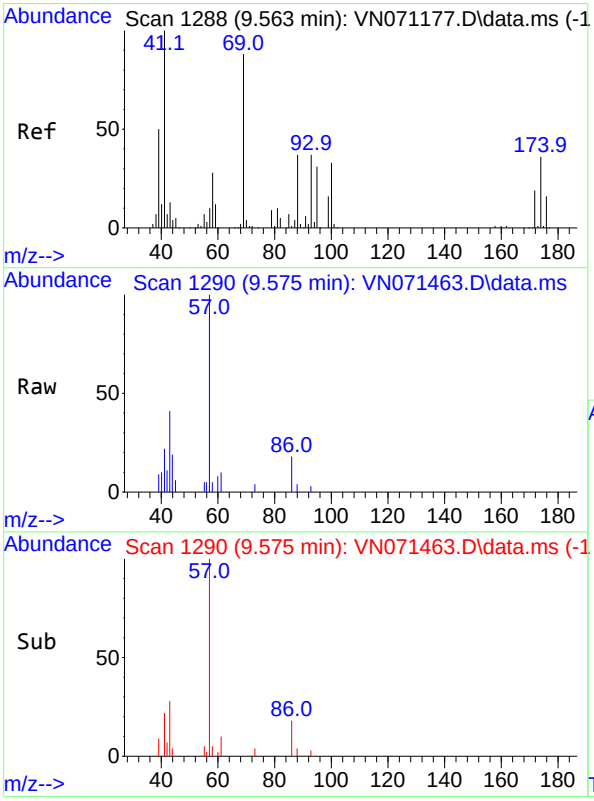
#48
Methyl methacrylate
Concen: 1.786 ug/l
RT: 9.539 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 41 Resp: 22358

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.4	108.6#
39	0.0	58.4	87.6#

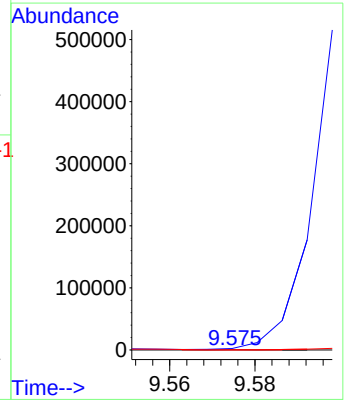


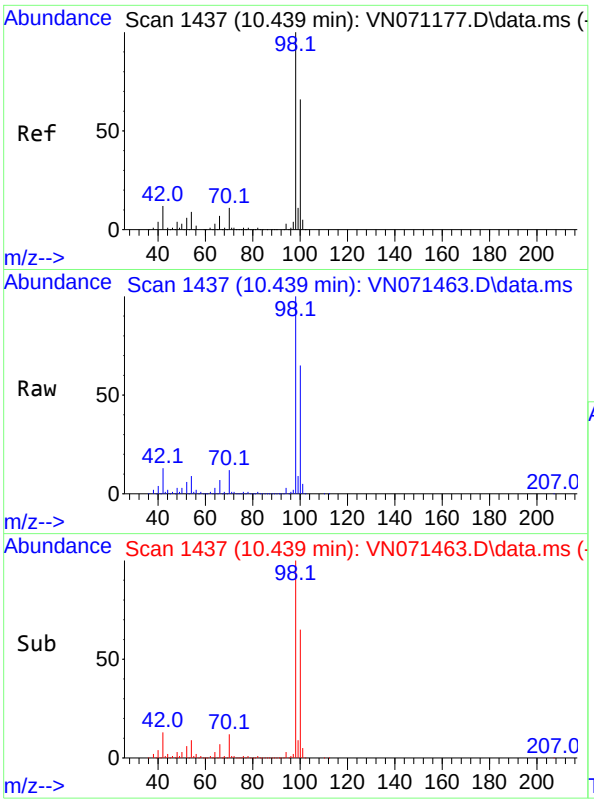


#49
1,4-Dioxane
Concen: 0.381 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.012 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	0.0	50.6	75.8#



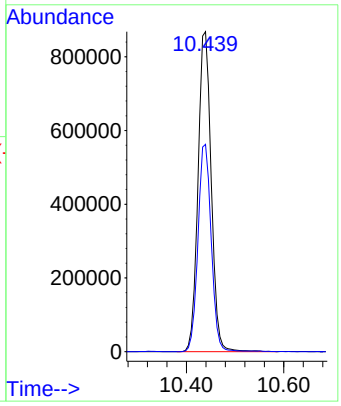


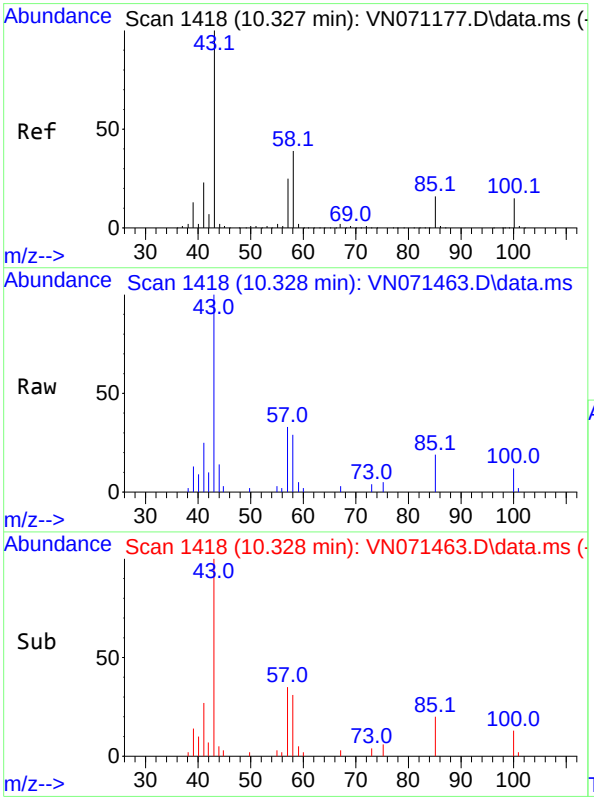
#50
Toluene-d8
Concen: 49.482 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 98 Resp: 1631884

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.4	75.6

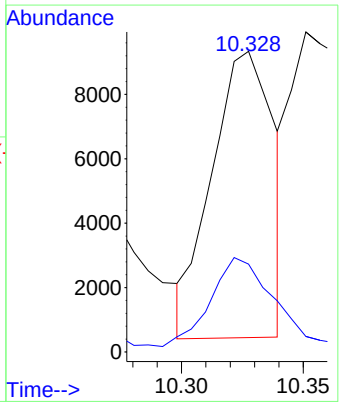


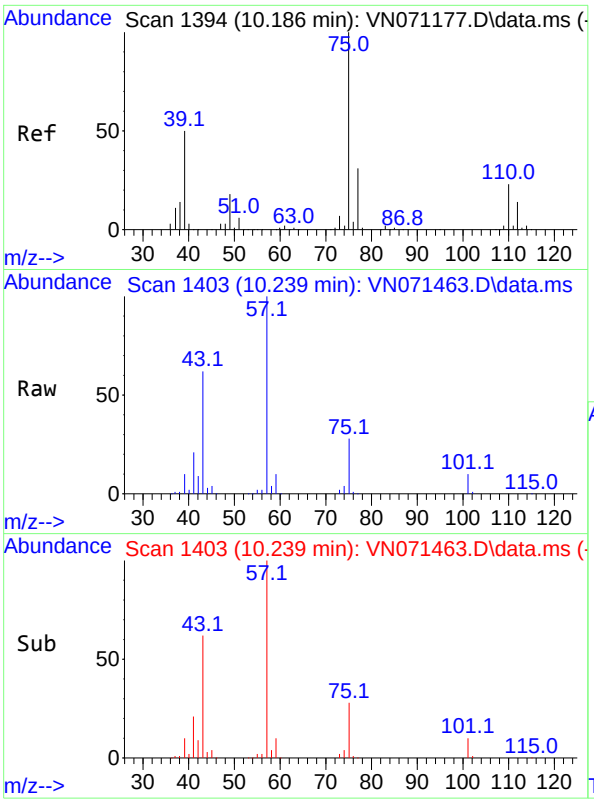


#51
4-Methyl-2-Pentanone
Concen: 0.934 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 43 Resp: 15658

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.4	45.6



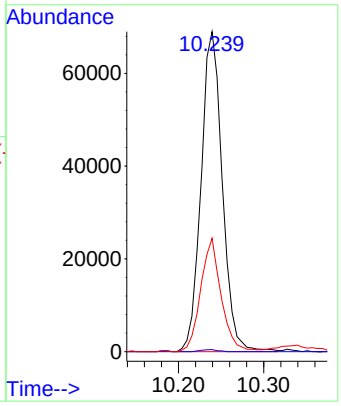


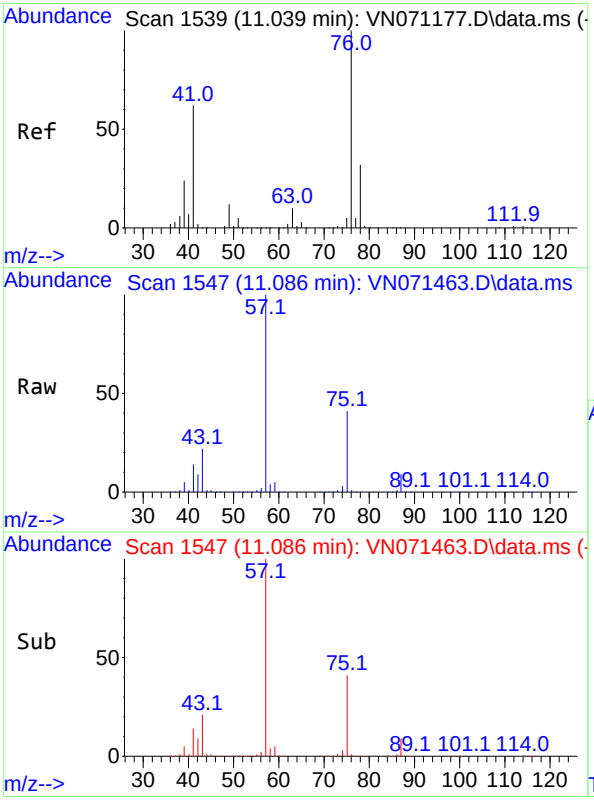
#54
cis-1,3-Dichloropropene
Concen: 7.511 ug/l
RT: 10.239 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 75 Resp: 119440

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.4	39.6#
39	35.4	42.5	63.7#

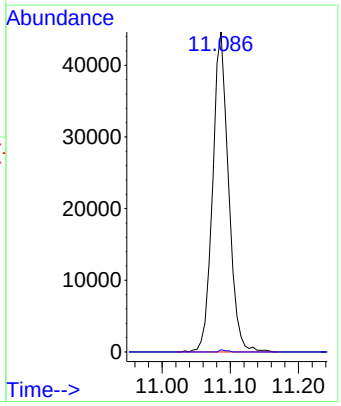


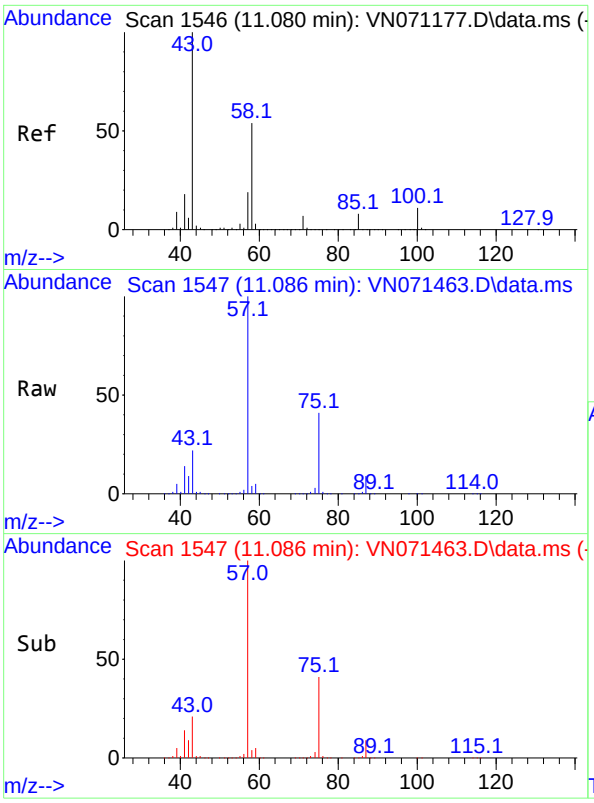


#57
1,3-Dichloropropane
Concen: 4.131 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 76 Resp: 72340

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.7	38.5#



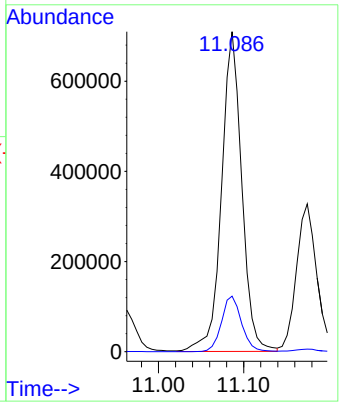


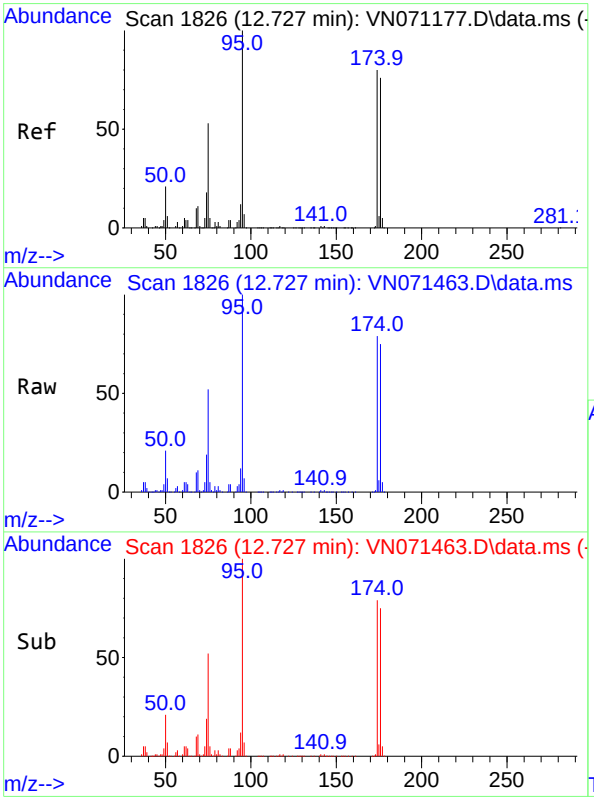
#59
2-Hexanone
Concen: 102.159 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 43 Resp: 1168396

Ion	Ratio	Lower	Upper
43	100		
58	17.3	26.9	80.7#

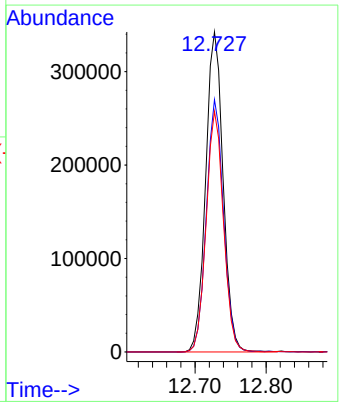


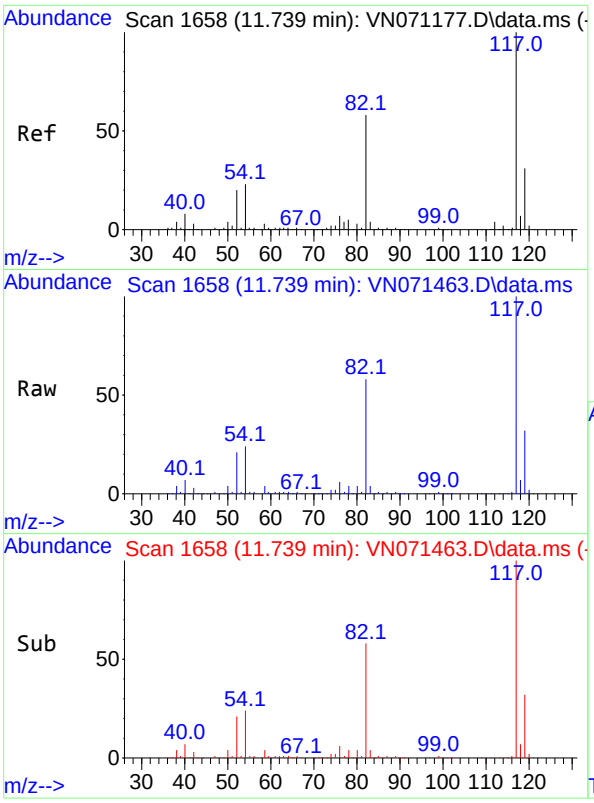


#62
4-Bromofluorobenzene
Concen: 52.388 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 95 Resp: 585046

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	187.2
176	74.3	0.0	181.4



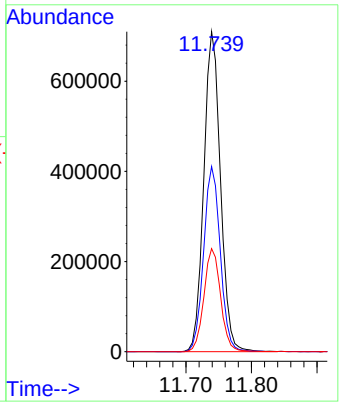


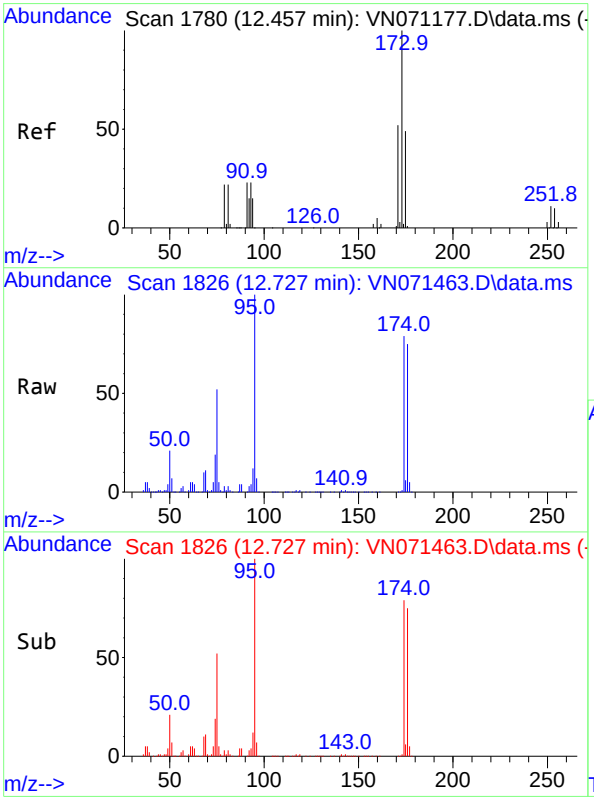
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:117 Resp: 1256644

Ion	Ratio	Lower	Upper
117	100		
82	57.8	42.4	63.6
119	32.2	25.4	38.2

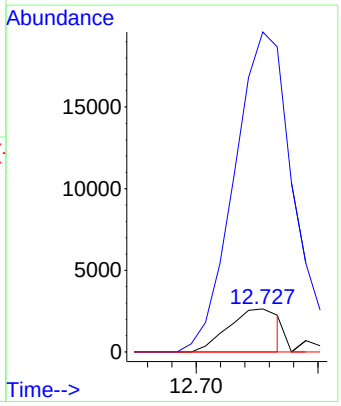


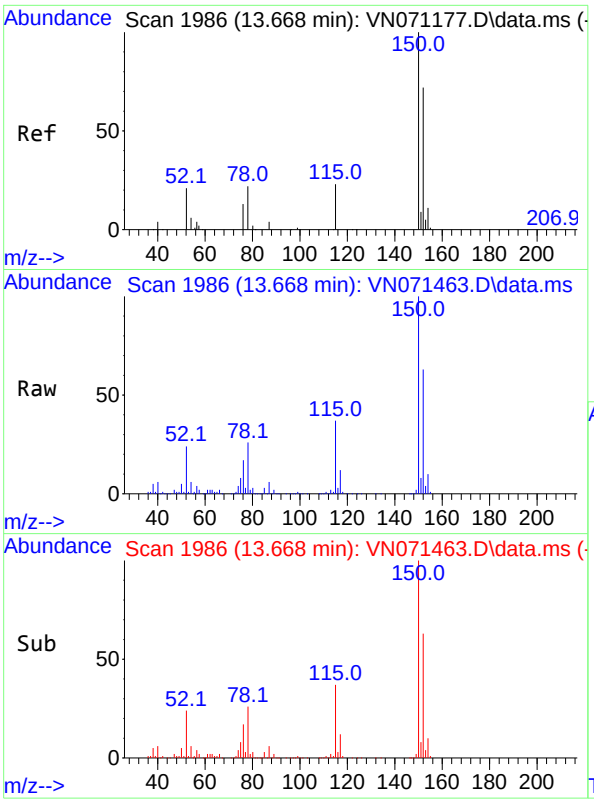


#71
Bromoform
Concen: 0.504 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion:173 Resp: 3786

Ion	Ratio	Lower	Upper
173	100		
175	686.7	24.2	72.6#
254	0.0	0.0	0.0



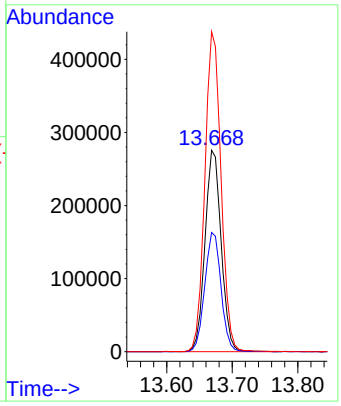


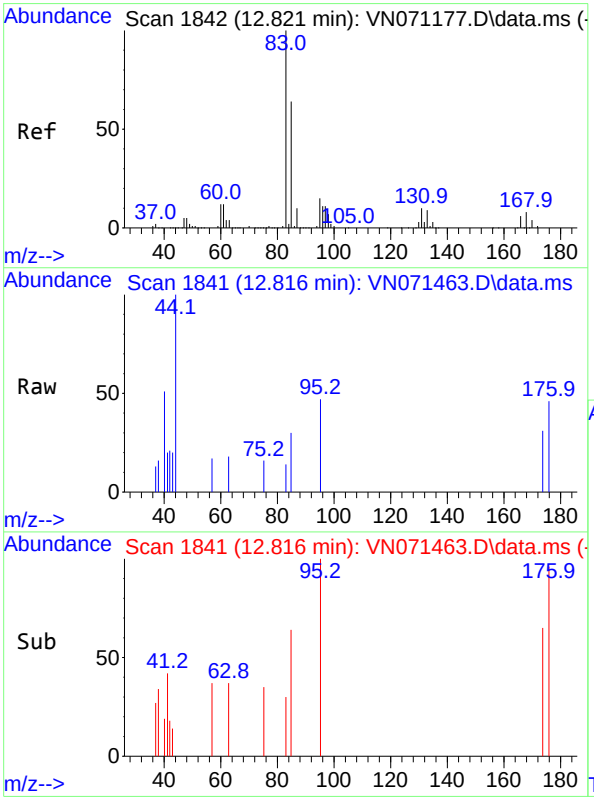
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:152 Resp: 473274

Ion	Ratio	Lower	Upper
152	100		
115	59.5	27.5	82.5
150	158.1	0.0	344.4

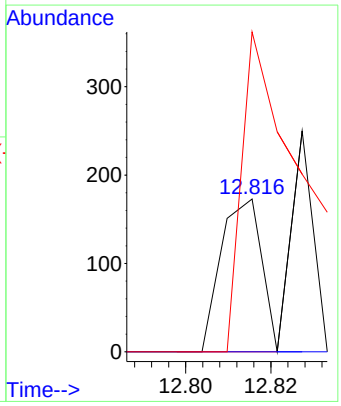


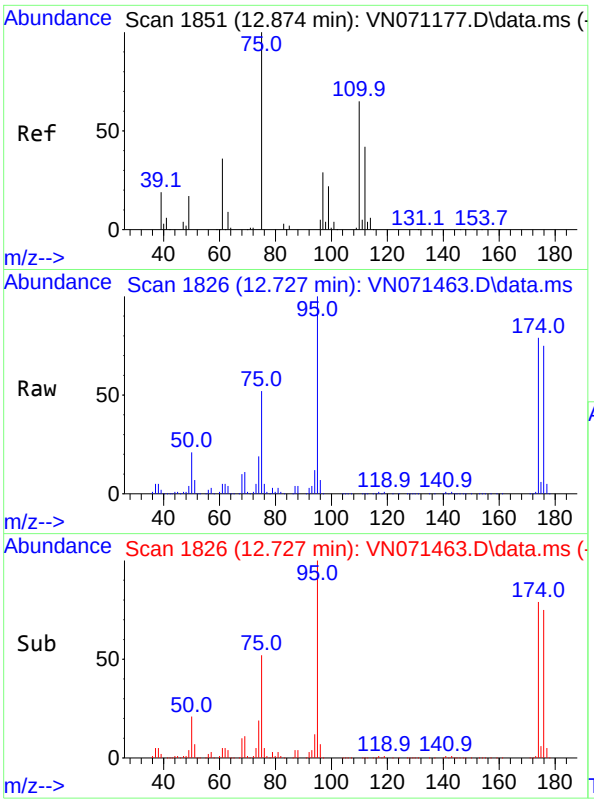


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 83 Resp: 114

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	300.0	32.4	97.2#



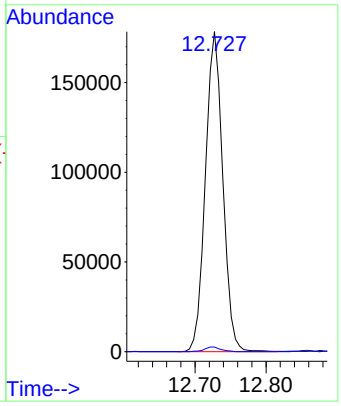


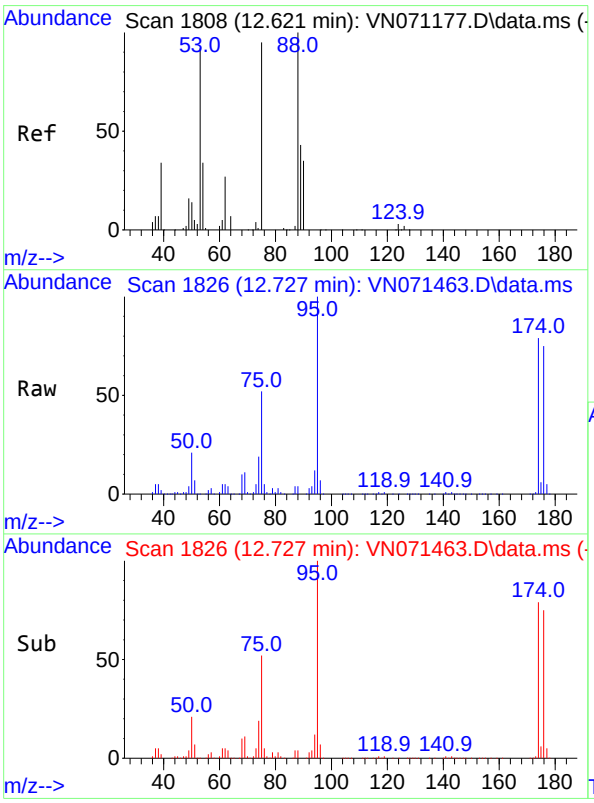
#76
1,2,3-Trichloropropane
Concen: 25.034 ug/l
RT: 12.727 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion: 75 Resp: 303322

Ion	Ratio	Lower	Upper
75	100		
77	1.4	82.6	247.8#

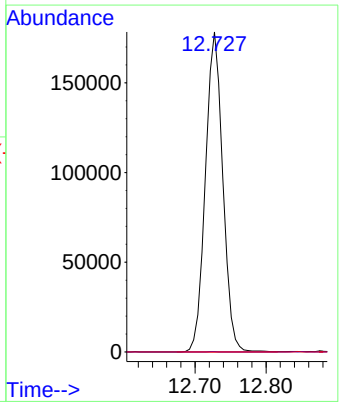


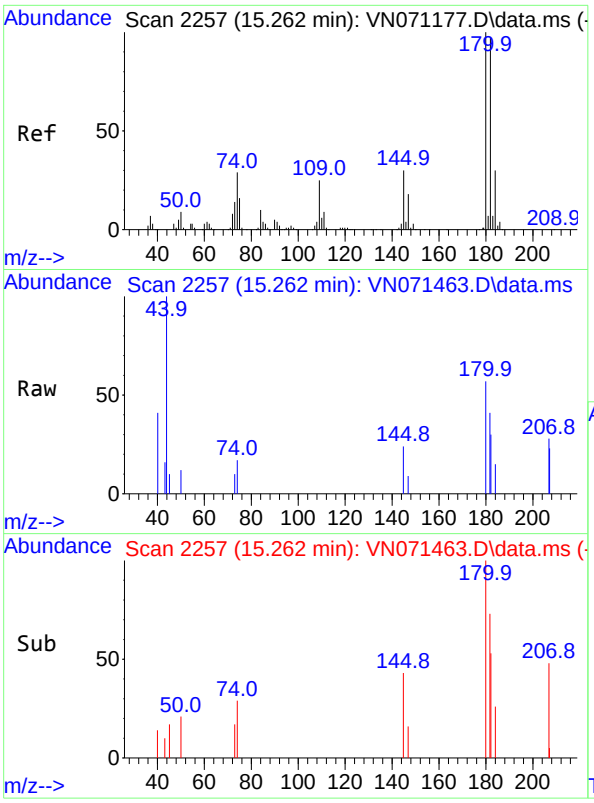


#81
trans-1,4-Dichloro-2-butene
Concen: 69.281 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion: 75 Resp: 303322

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	38.2	57.4#



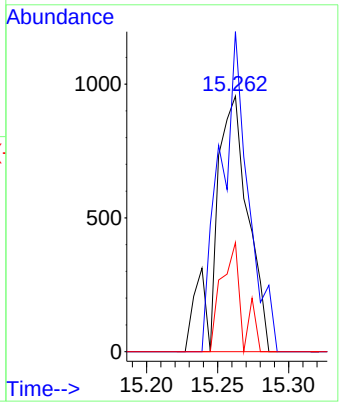


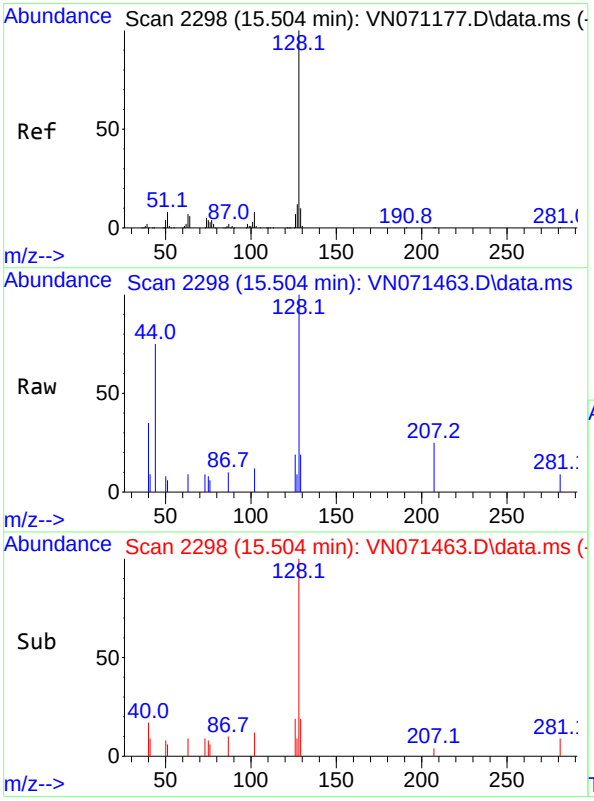
#93
1,2,4-Trichlorobenzene
Concen: 3.176 ug/l
RT: 15.262 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:180 Resp: 1539

Ion	Ratio	Lower	Upper
180	100		
182	107.2	48.3	144.9
145	26.7	14.5	43.5

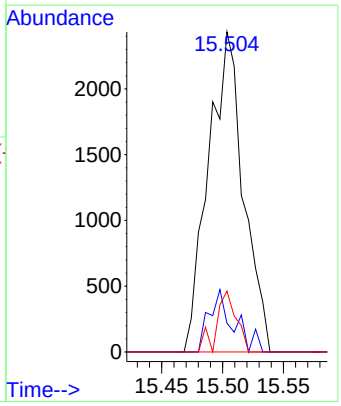


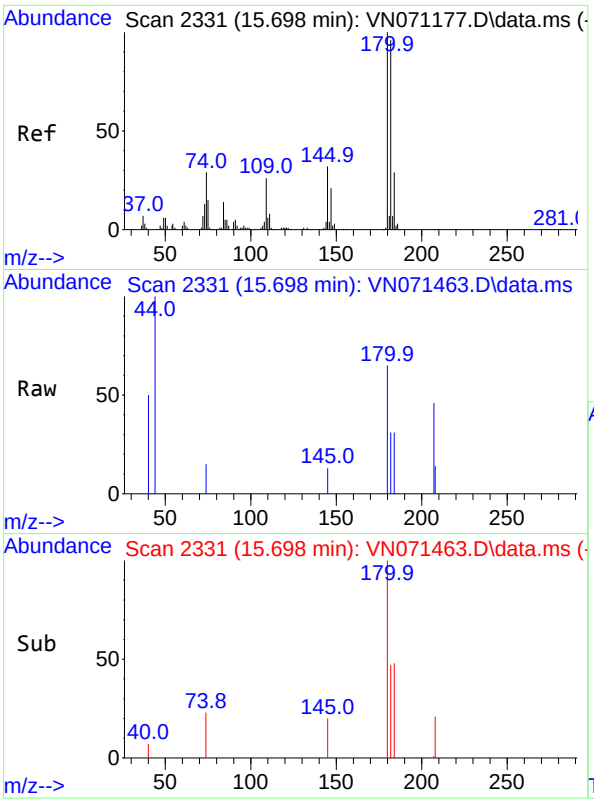


#95
Naphthalene
Concen: 5.269 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Tgt Ion:128 Resp: 4874

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	10.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 2.943 ug/l
RT: 15.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071463.D
Acq: 22 Mar 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB143494ZHE#01

Tgt Ion:180 Resp: 1661

Ion	Ratio	Lower	Upper
180	100		
182	85.3	47.4	142.2
145	17.8	15.0	45.1