Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
Data File : VN074661.D
Acq On : 30 Sep 2022 12:20
Operator : JC\MD
Sample : VN0930MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Quant Time: Oct 03 02:04:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.928	168	365748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	641758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	634157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	307138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	238042	25.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	51.940%#		
35) Dibromofluoromethane	7.869	113	235765	34.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.420%#		
50) Toluene-d8	10.310	98	631807	22.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.220%#		
62) 4-Bromofluorobenzene	12.604	95	310504	34.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	68.540%#		
Target Compounds						Qvalue
3) Chloromethane	2.222	50	3188	0.285	ug/l #	72
6) Chloroethane	2.646	64	65443	5.236	ug/l #	53
8) Diethyl Ether	3.705	74	128	Below Cal		76
11) Tert butyl alcohol	5.175	59	741	0.303	ug/l #	24
13) Acrolein	3.893	56	491	Below Cal		94
16) Acetone	4.128	43	3680	Below Cal	#	49
20) Methylene Chloride	4.916	84	7372	Below Cal	#	80
25) 2-Butanone	7.169	43	3877	0.460	ug/l #	79
29) Tetrahydrofuran	7.522	42	1348	0.242	ug/l #	67
31) Cyclohexane	7.940	56	12011	0.807	ug/l #	45
36) 1,1-Dichloropropene	7.934	75	34817	3.201	ug/l #	44
38) Carbon Tetrachloride	7.934	117	39413	3.955	ug/l #	16
49) 1,4-Dioxane	9.457	88	156	0.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.198	43	3440	0.211	ug/l #	64
59) 2-Hexanone	10.963	43	6063	0.493	ug/l	82
74) N-amyl acetate	12.263	43	1333	Below Cal	#	26
75) 1,1,2,2-Tetrachloroethane	12.698	83	567	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.610	75	183489	25.440	ug/l #	1
77) Bromobenzene	12.733	156	750	Below Cal	#	30
81) trans-1,4-Dichloro-2-b...	12.610	75	183489	49.924	ug/l #	10
88) 1,4-Dichlorobenzene	13.557	146	3650	0.319	ug/l #	24
91) 1,2-Dichlorobenzene	13.863	146	3029	0.260	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	14.469	75	606	0.275	ug/l	62
93) 1,2,4-Trichlorobenzene	15.133	180	3863	0.741	ug/l	68
94) Hexachlorobutadiene	15.239	225	433	Below Cal	#	38
95) Naphthalene	15.363	128	21461	1.052	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.557	180	5041	0.971	ug/l	77

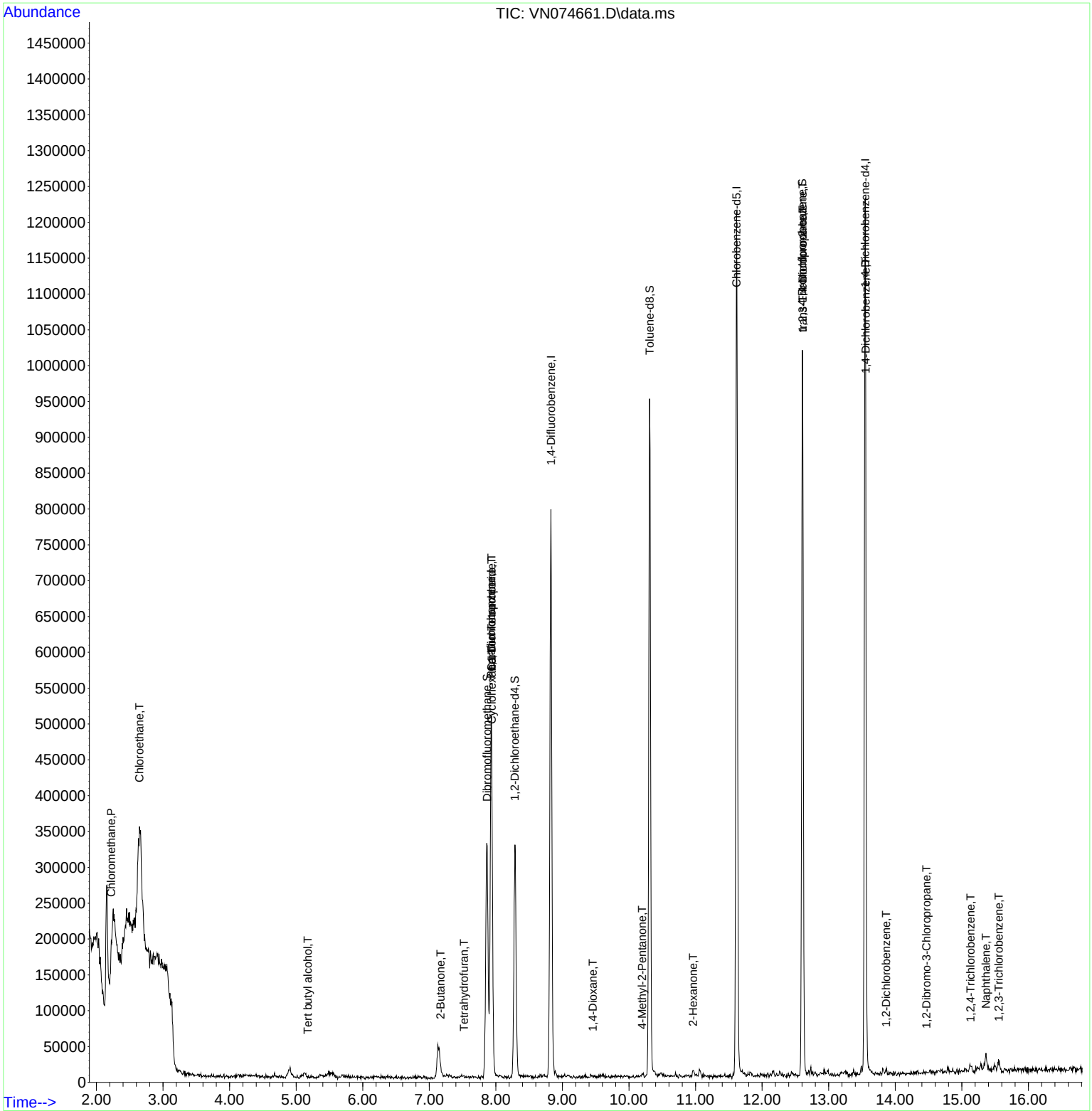
(#) = qualifier out of range (m) = manual integration (+) = signals summed

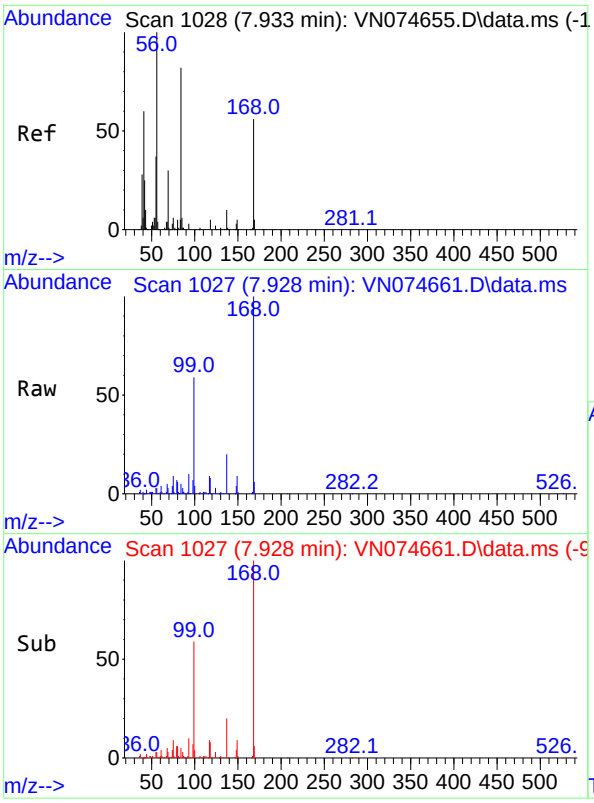
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
Data File : VN074661.D
Acq On : 30 Sep 2022 12:20
Operator : JC\MD
Sample : VN0930MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Quant Time: Oct 03 02:04:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration



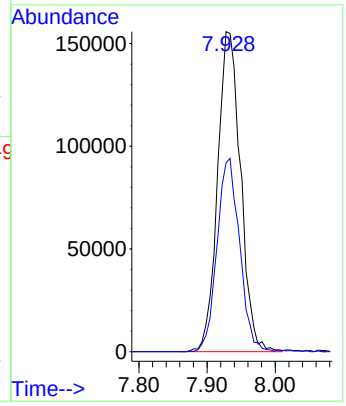


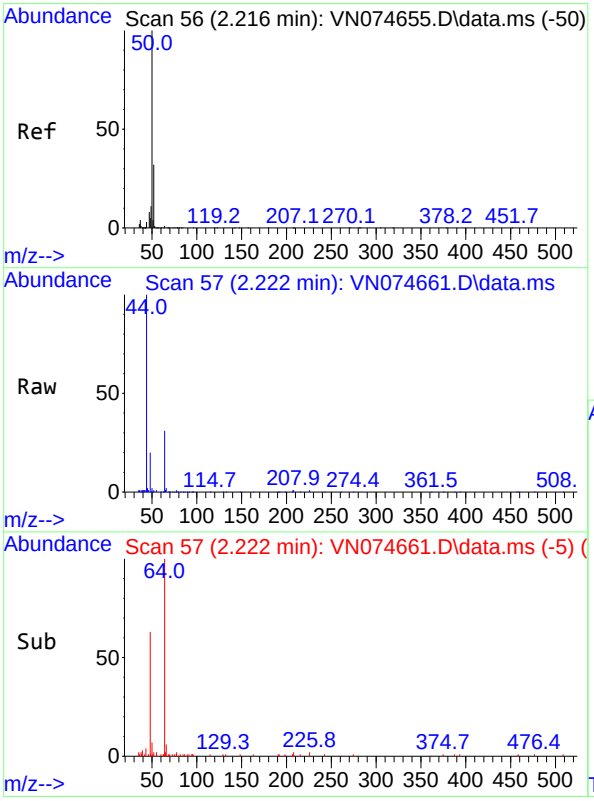
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.928 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:168 Resp: 365748

Ion	Ratio	Lower	Upper
168	100		
99	59.0	42.3	63.5

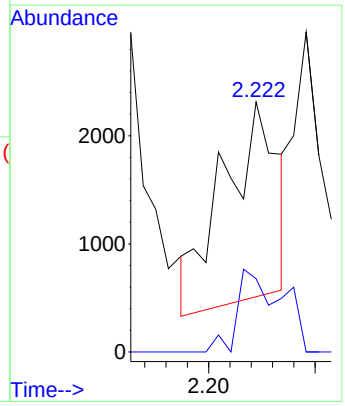


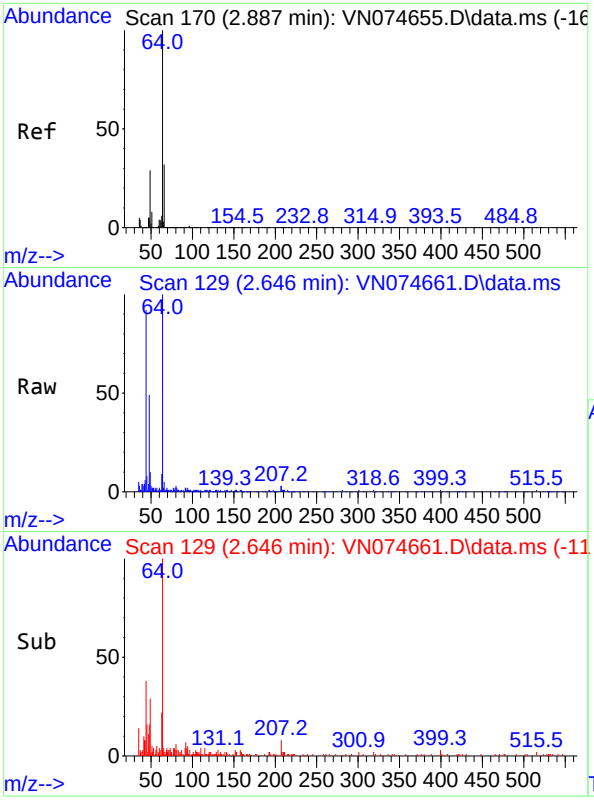


#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.222 min Scan# 57
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 50 Resp: 3188

Ion	Ratio	Lower	Upper
50	100		
52	47.5	25.7	38.5#



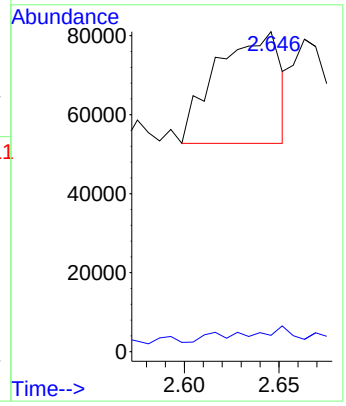


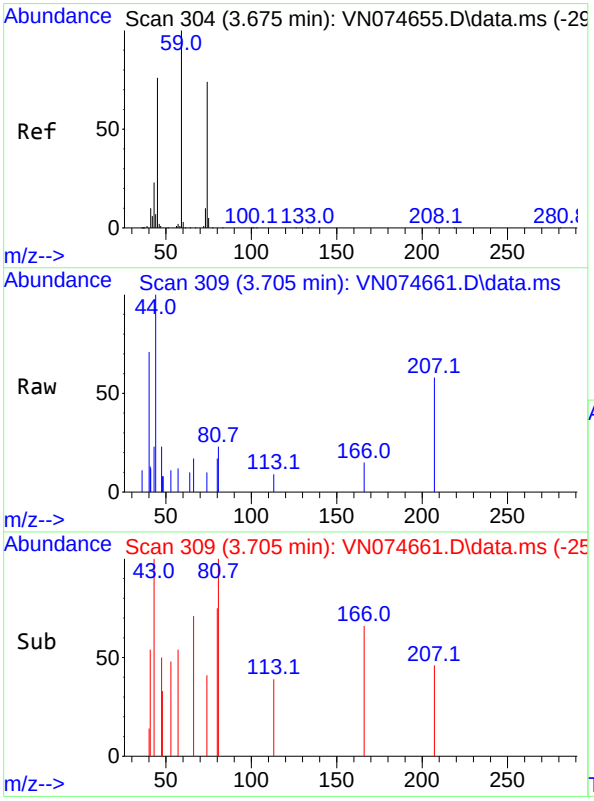
#6
Chloroethane
Concen: 5.236 ug/l
RT: 2.646 min Scan# 1
Delta R.T. -0.241 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 64 Resp: 65443

Ion	Ratio	Lower	Upper
64	100		
66	6.3	26.2	39.4#

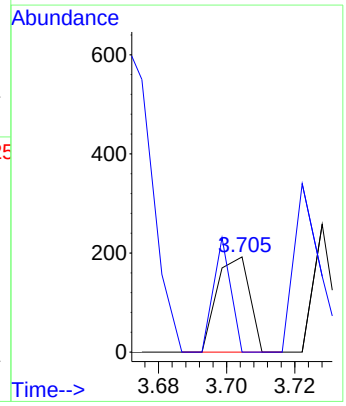


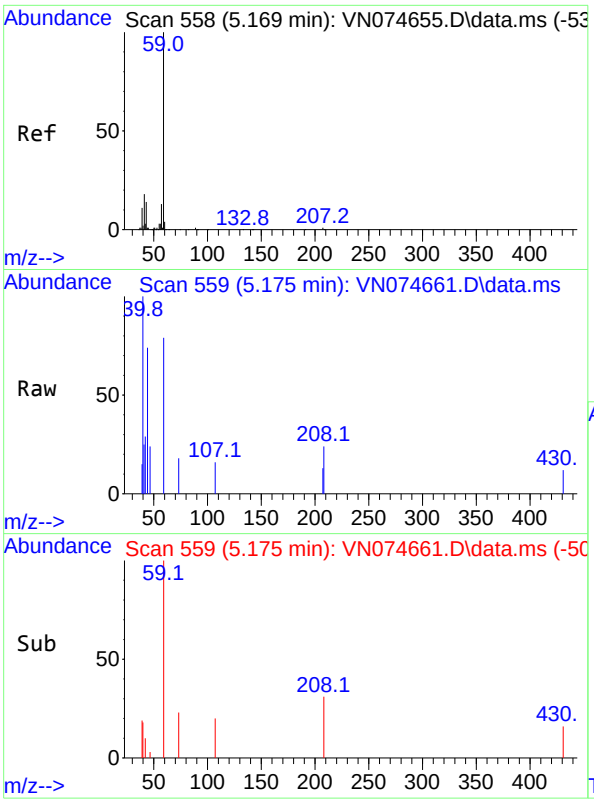


#8
Diethyl Ether
Concen: Below Cal
RT: 3.705 min Scan# 309
Delta R.T. 0.030 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 74 Resp: 128

Ion	Ratio	Lower	Upper
74	100		
45	64.1	42.9	128.5



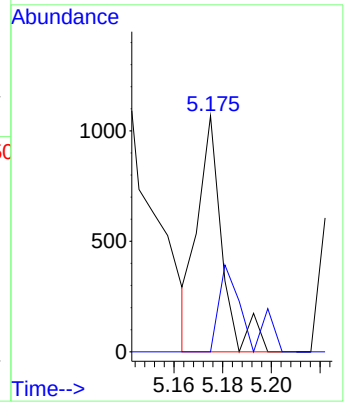


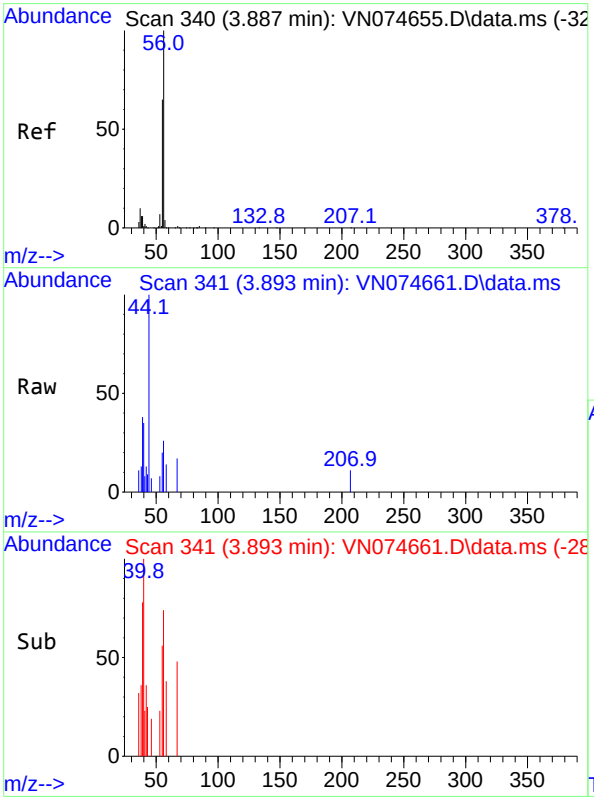
#11
Tert butyl alcohol
Concen: 0.303 ug/l
RT: 5.175 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 59 Resp: 741

Ion	Ratio	Lower	Upper
59	100		
57	38.9	8.3	12.5#

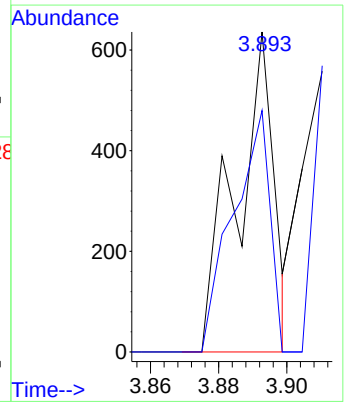


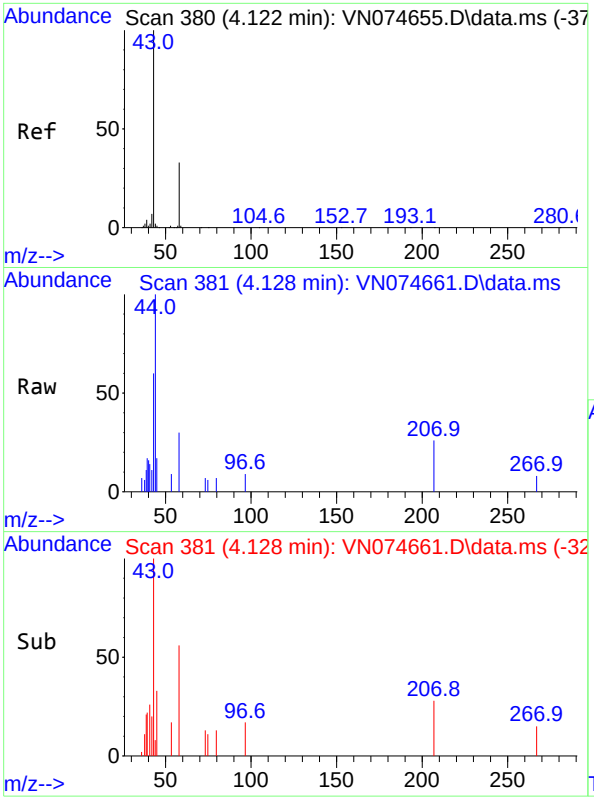


#13
Acrolein
Concen: Below Cal
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 56 Resp: 491

Ion	Ratio	Lower	Upper
56	100		
55	73.1	54.8	82.2



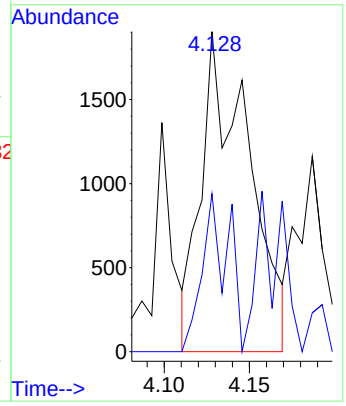


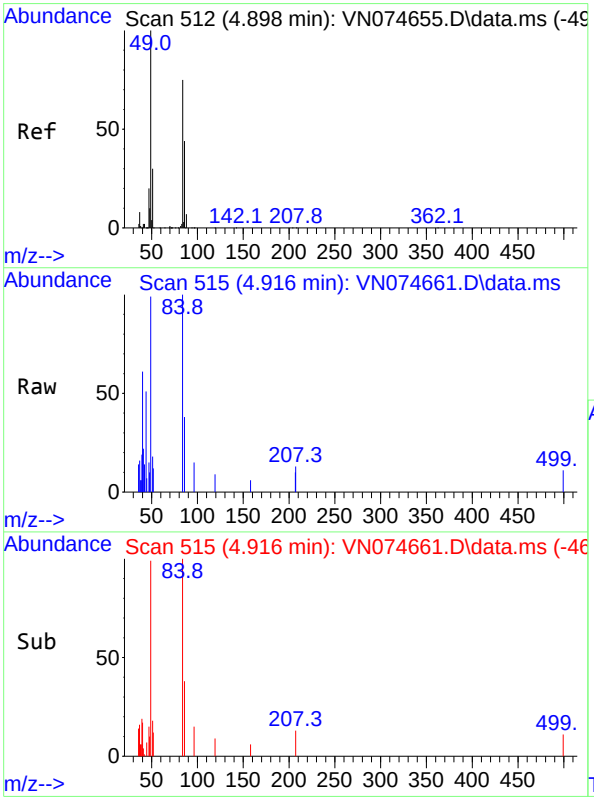
#16
Acetone
Concen: Below Cal
RT: 4.128 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 43 Resp: 3680

Ion	Ratio	Lower	Upper
43	100		
58	61.1	26.0	39.0#

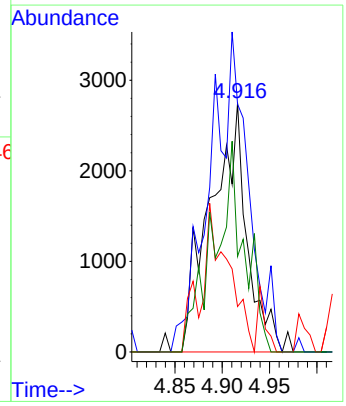


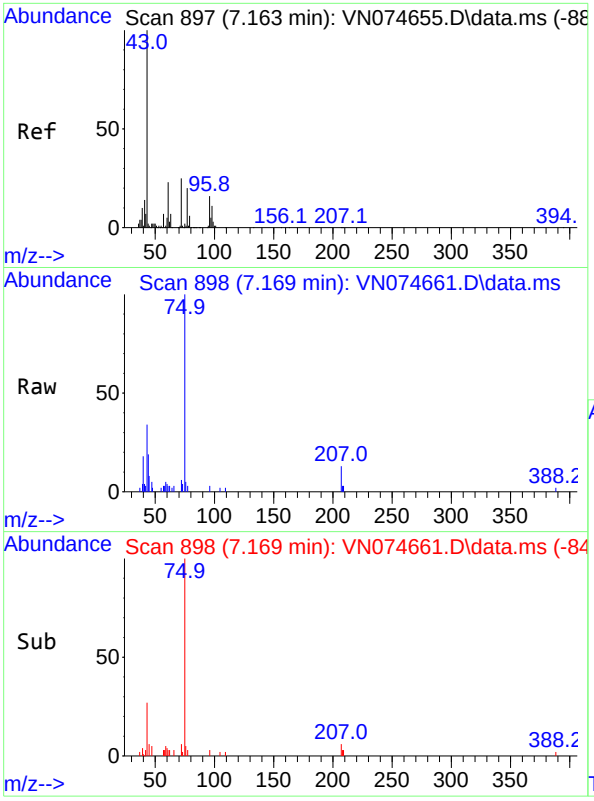


#20
Methylene Chloride
Concen: Below Cal
RT: 4.916 min Scan# 515
Delta R.T. 0.018 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 84 Resp: 7372

Ion	Ratio	Lower	Upper
84	100		
49	99.5	88.3	132.5
51	18.2	28.2	42.2#
86	38.3	50.6	76.0#



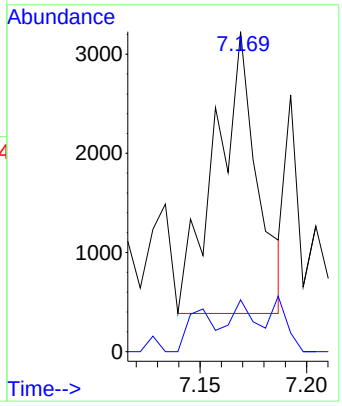


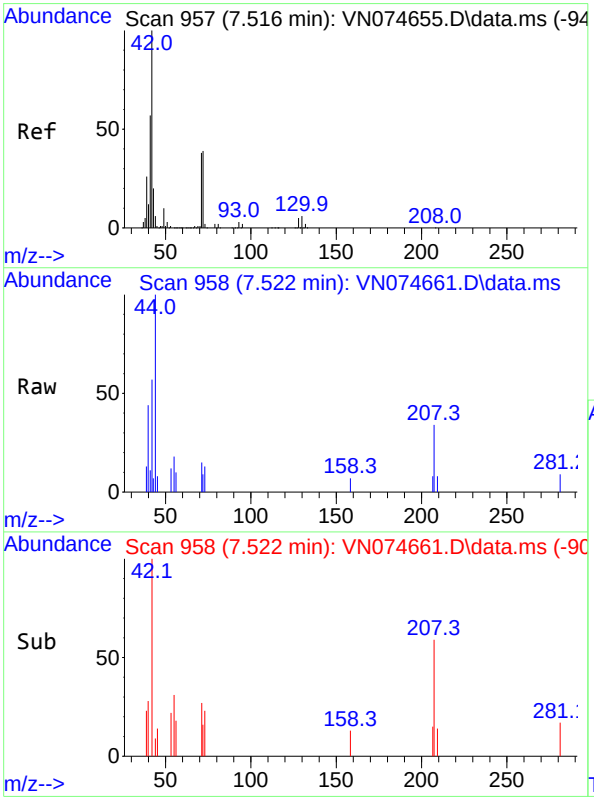
#25
2-Butanone
Concen: 0.460 ug/l
RT: 7.169 min Scan# 8
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 43 Resp: 3877

Ion	Ratio	Lower	Upper
43	100		
72	18.4	23.7	35.5#

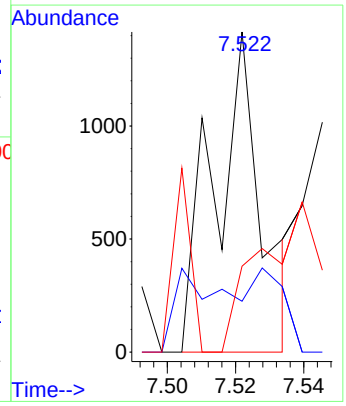


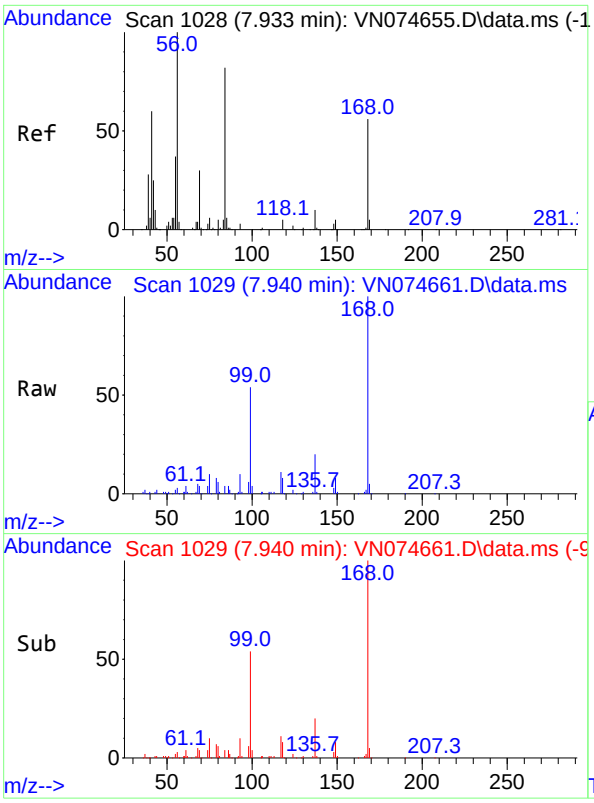


#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.522 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 42 Resp: 1348

Ion	Ratio	Lower	Upper
42	100		
72	29.0	39.7	59.5#
71	21.3	36.6	55.0#



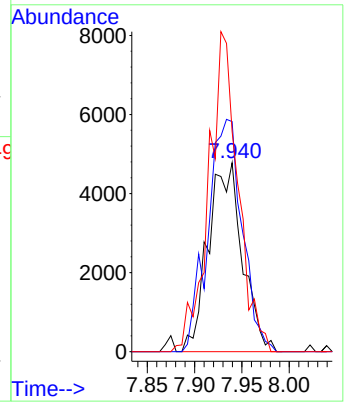


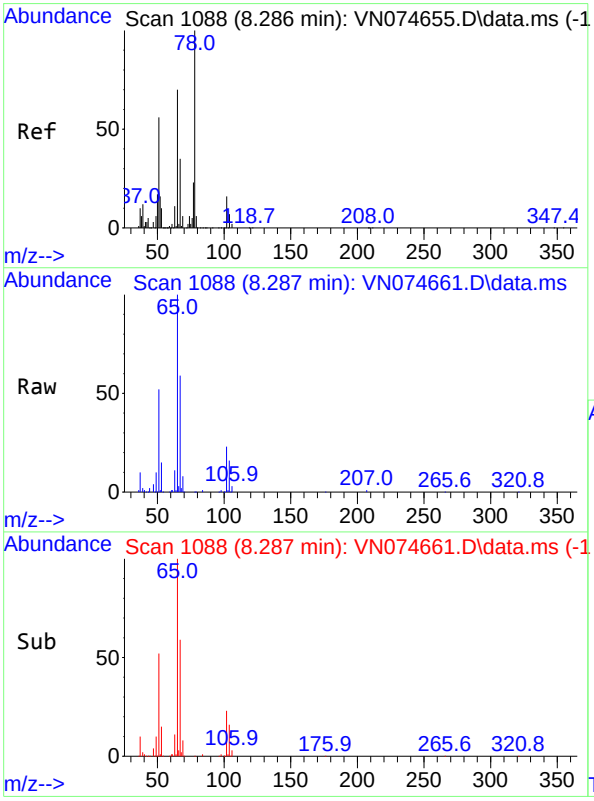
#31
Cyclohexane
Concen: 0.807 ug/l
RT: 7.940 min Scan# 1
Delta R.T. 0.007 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 56 Resp: 12011

Ion	Ratio	Lower	Upper
56	100		
69	121.7	27.8	41.8#
84	116.5	76.9	115.3#

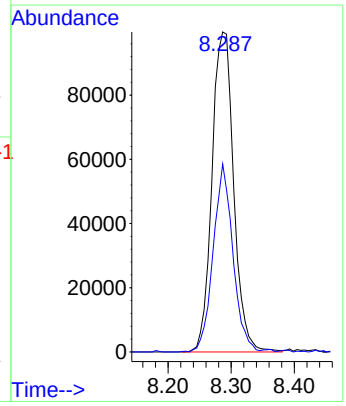


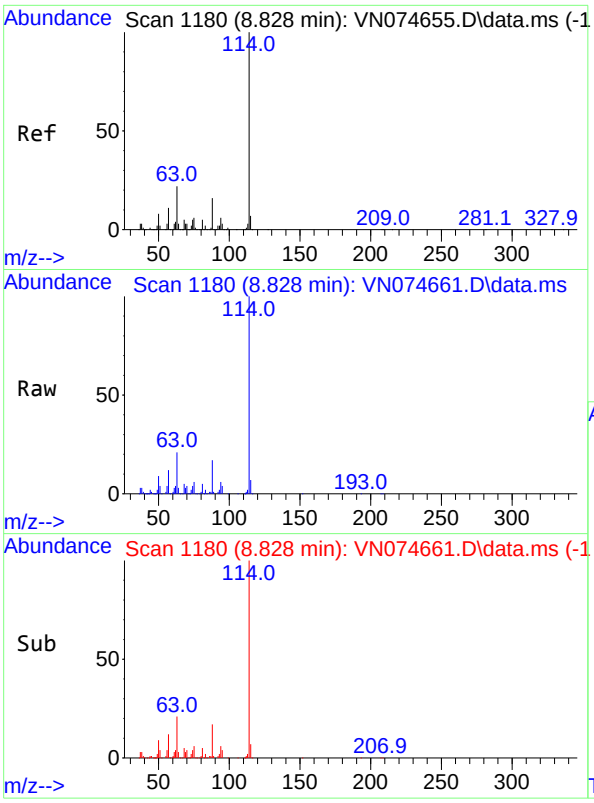


#33
1,2-Dichloroethane-d4
Concen: 25.969 ug/l
RT: 8.287 min Scan# 1088
Delta R.T. 0.001 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 65 Resp: 238042

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.8



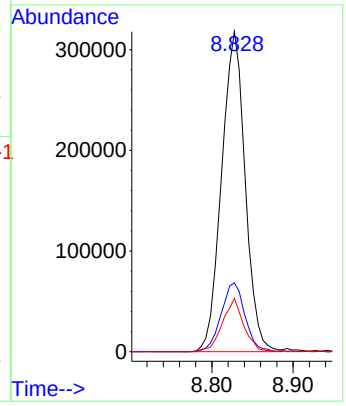


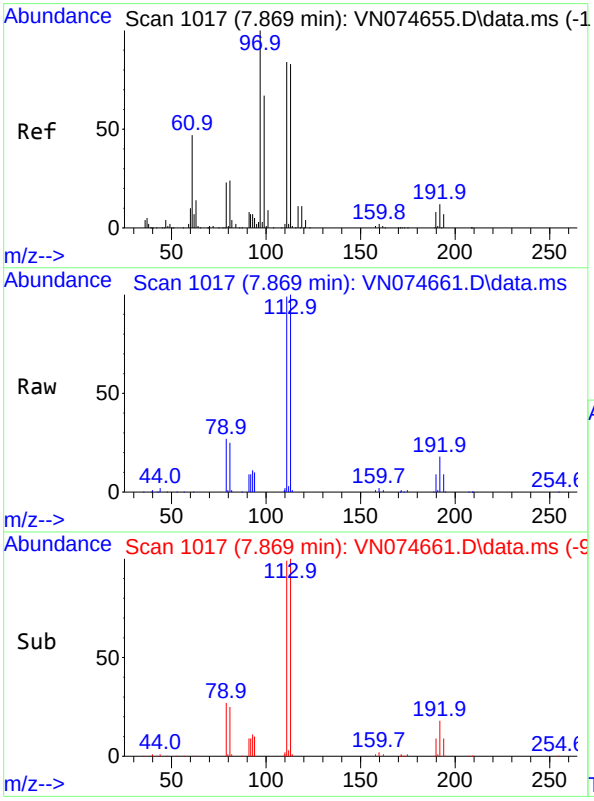
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:114 Resp: 641758

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.0
88	16.7	0.0	32.6

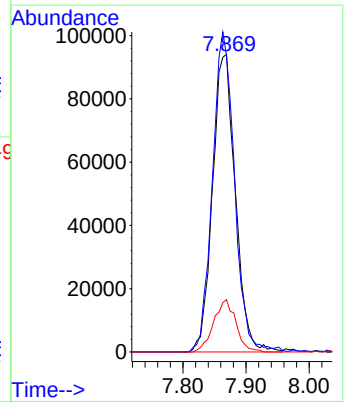


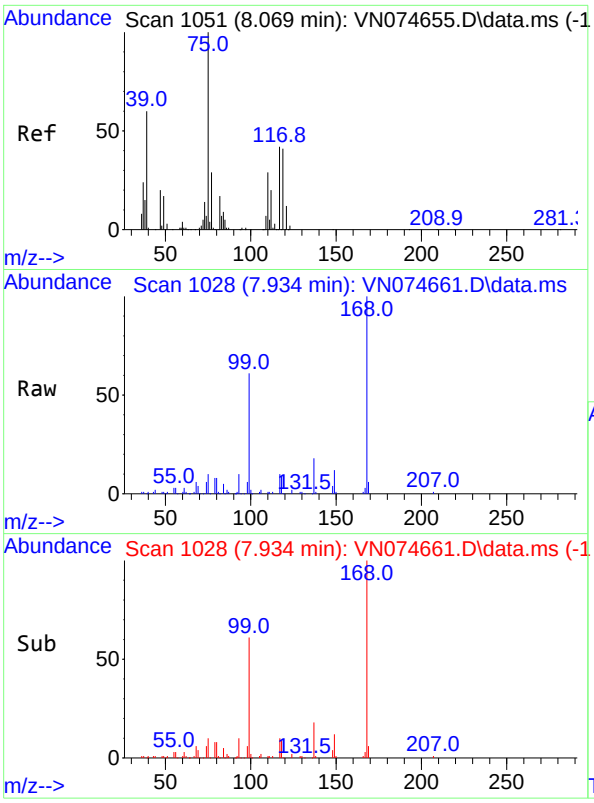


#35
Dibromofluoromethane
Concen: 34.709 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:113 Resp: 235765

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.0
192	17.2	17.0	25.6



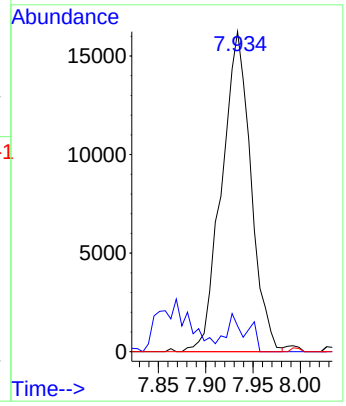


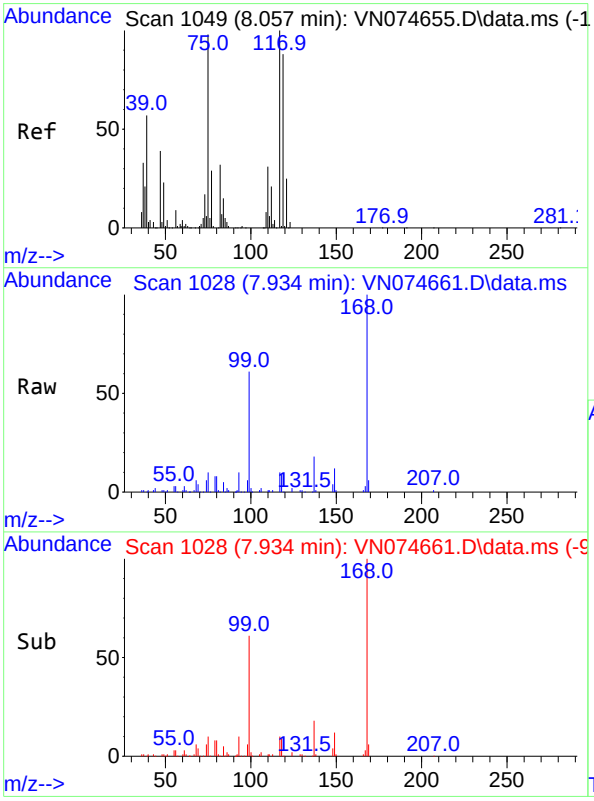
#36
1,1-Dichloropropene
Concen: 3.201 ug/l
RT: 7.934 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 75 Resp: 34817

Ion	Ratio	Lower	Upper
75	100		
110	3.5	18.3	54.8#
77	0.0	25.1	37.7#

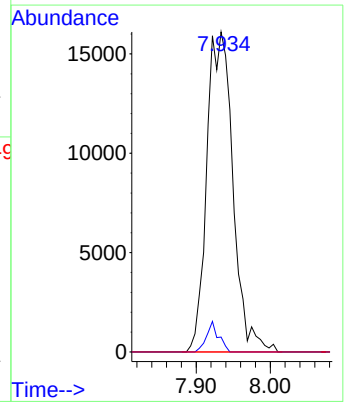


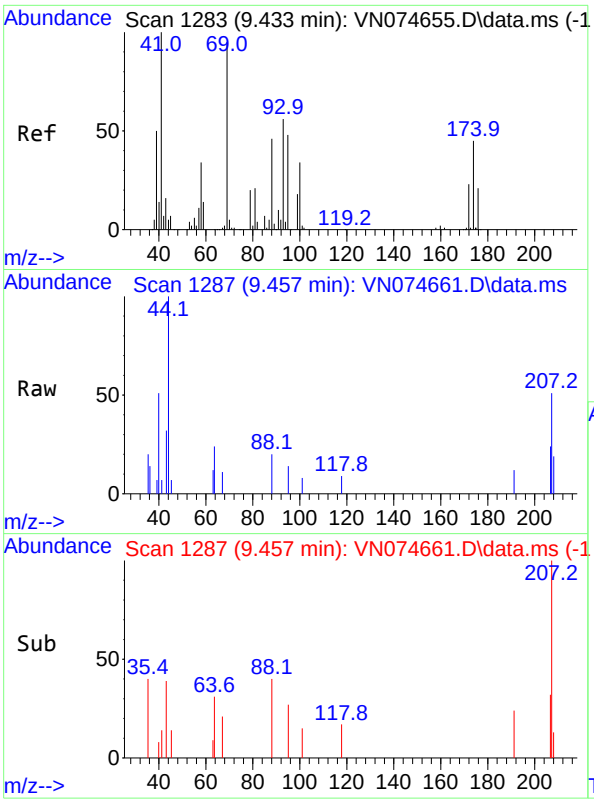


#38
Carbon Tetrachloride
Concen: 3.955 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:117 Resp: 39413

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.8#
121	0.0	24.6	37.0#



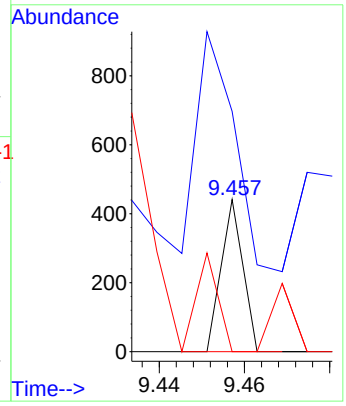


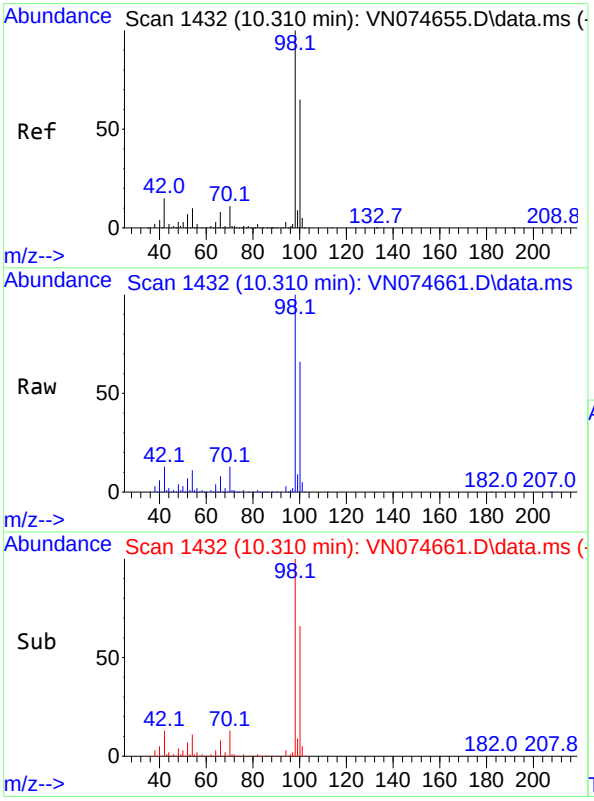
#49
1,4-Dioxane
Concen: 0.771 ug/l
RT: 9.457 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 88 Resp: 156

Ion	Ratio	Lower	Upper
88	100		
43	801.9	20.2	30.4#
58	44.9	54.2	81.4#

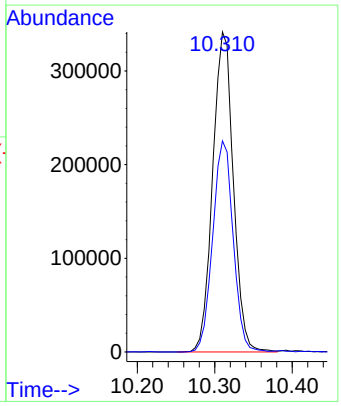


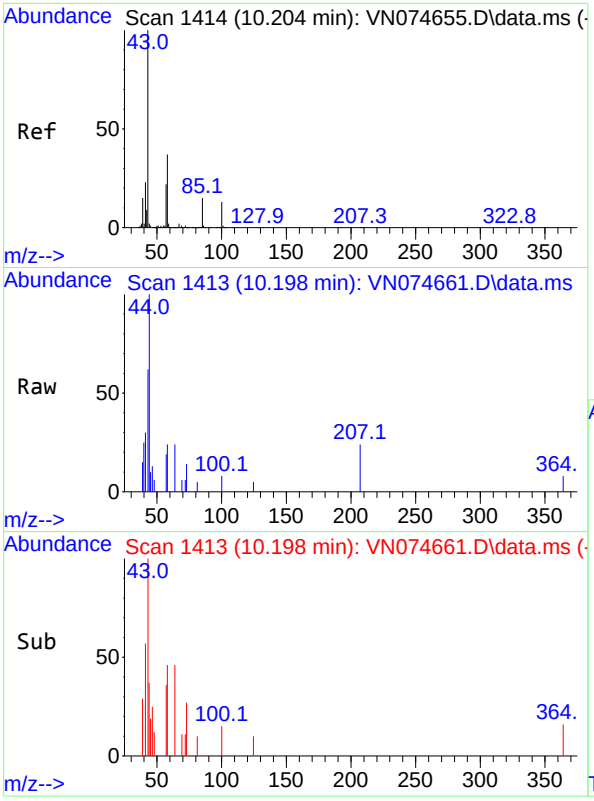


#50
Toluene-d8
Concen: 22.113 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 98 Resp: 631807

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8



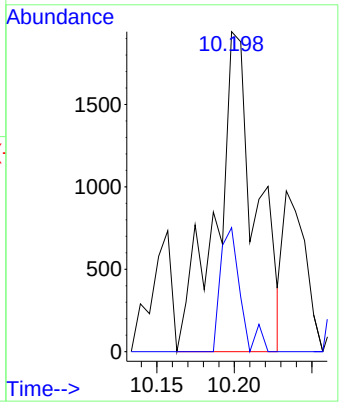


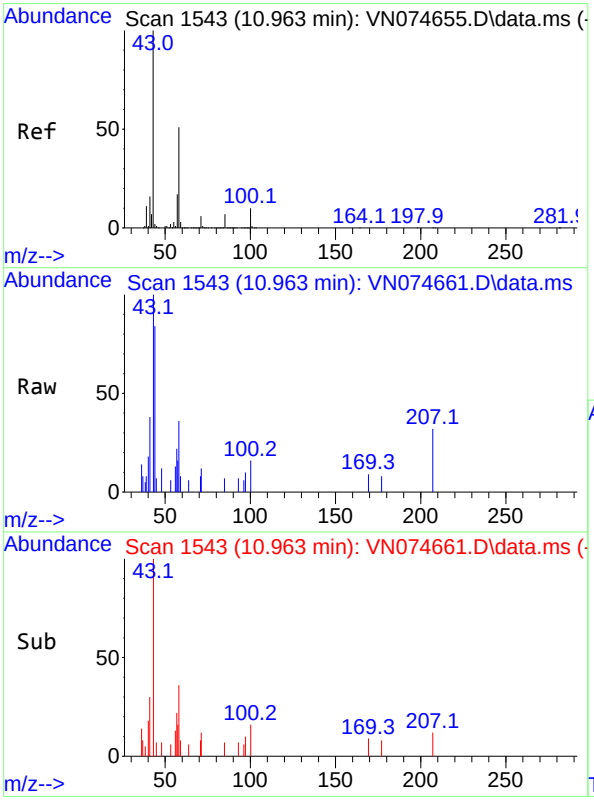
#51
4-Methyl-2-Pentanone
Concen: 0.211 ug/l
RT: 10.198 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 43 Resp: 3440

Ion	Ratio	Lower	Upper
43	100		
58	19.4	34.1	51.1#

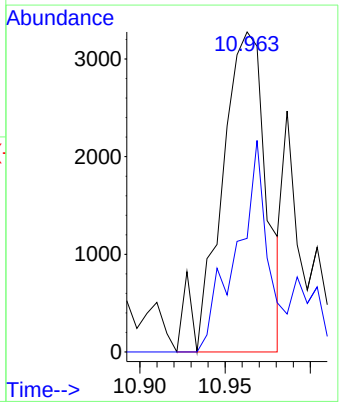


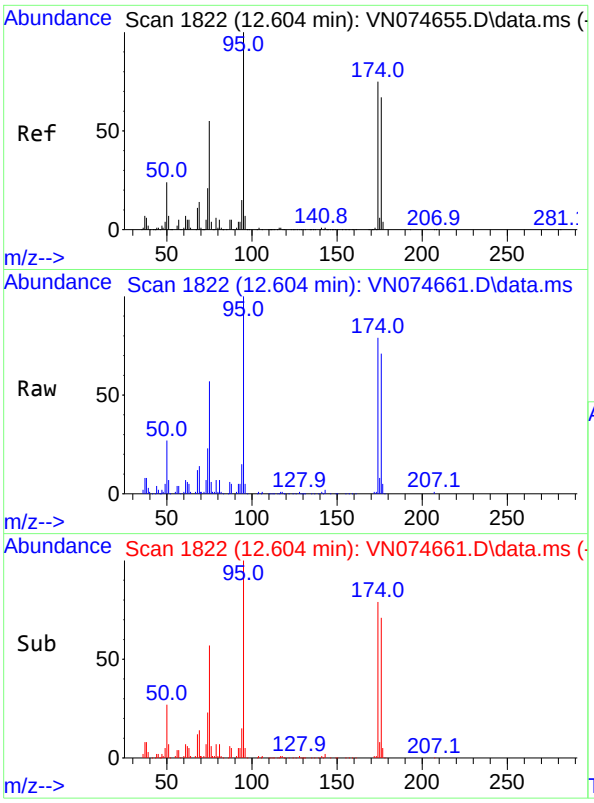


#59
2-Hexanone
Concen: 0.493 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 43 Resp: 6063

Ion	Ratio	Lower	Upper
43	100		
58	46.2	29.7	89.1



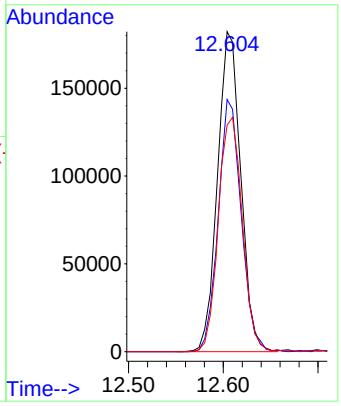


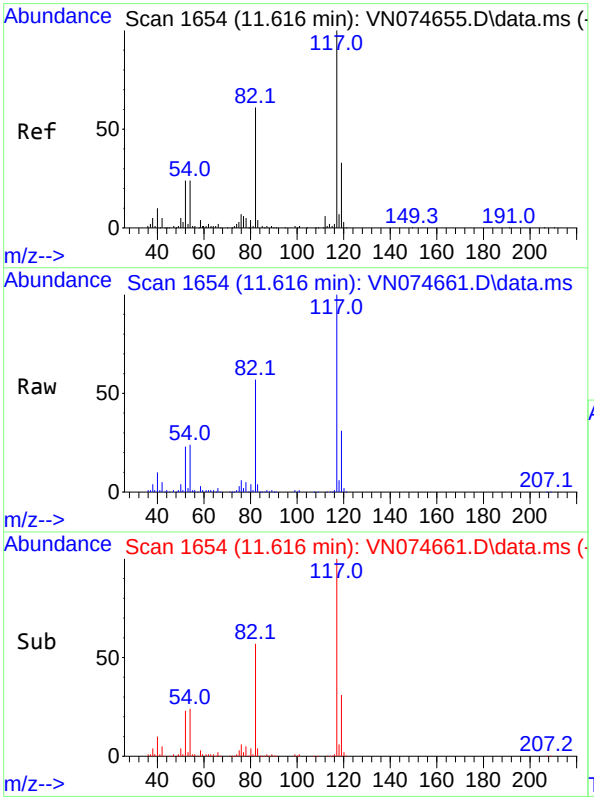
#62
4-Bromofluorobenzene
Concen: 34.272 ug/l
RT: 12.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 95 Resp: 310504

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	167.6
176	75.7	0.0	163.4

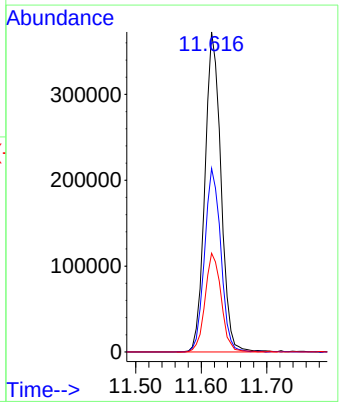


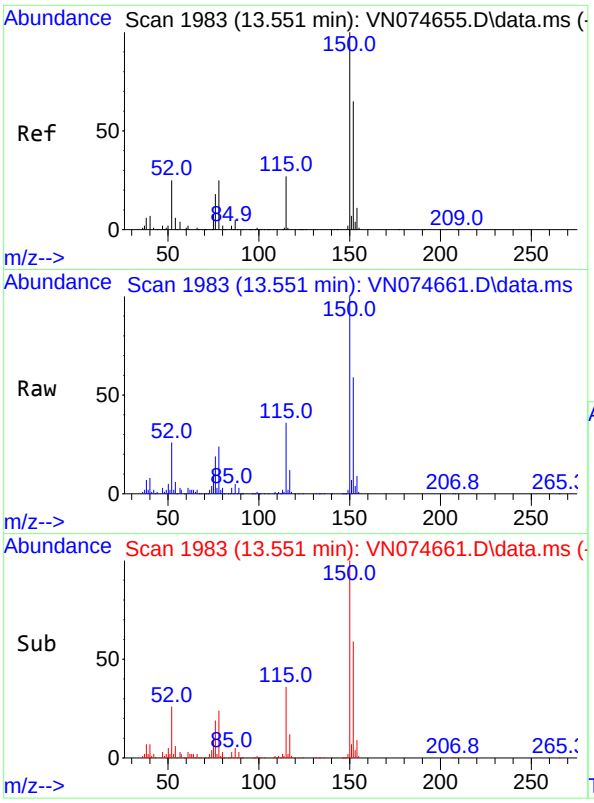


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:117 Resp: 634157

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.2	66.2
119	30.8	25.4	38.0



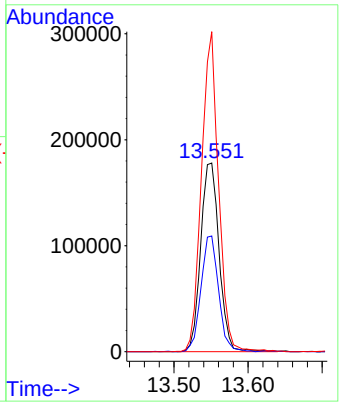


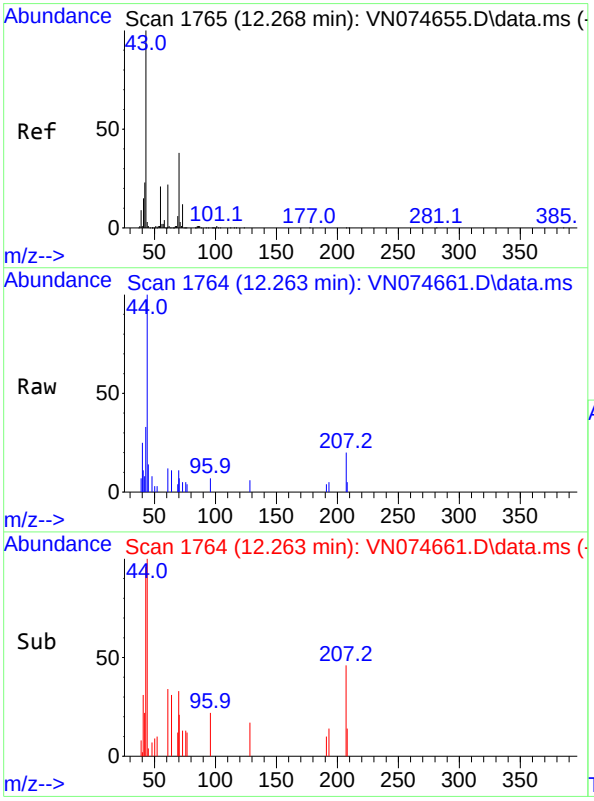
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:152 Resp: 307138

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.7
150	157.6	0.0	356.2

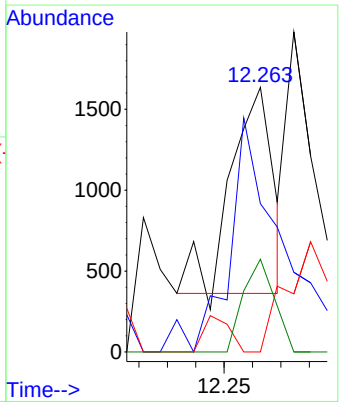


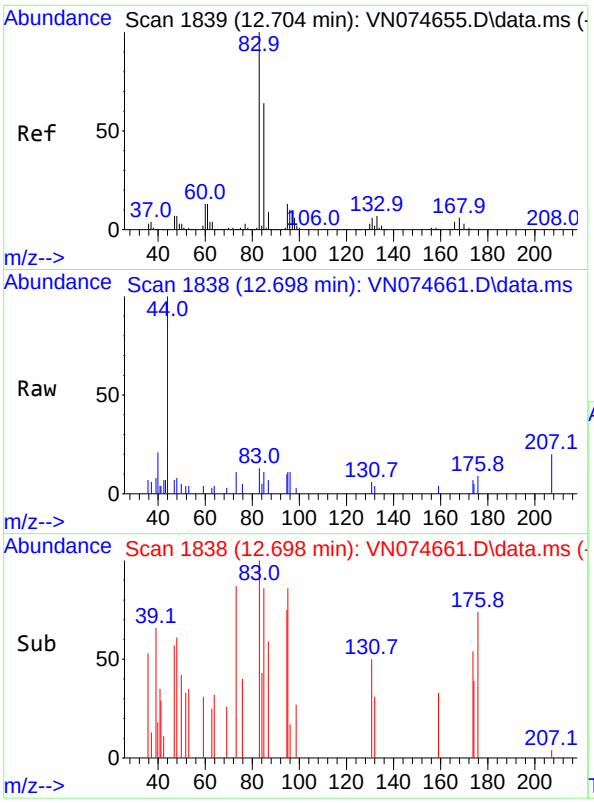


#74
N-amyl acetate
Concen: Below Cal
RT: 12.263 min Scan# 1764
Delta R.T. -0.005 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 43 Resp: 1333

Ion	Ratio	Lower	Upper
43	100		
70	137.2	39.0	58.4#
55	10.5	21.1	31.7#
61	32.8	21.1	31.7#



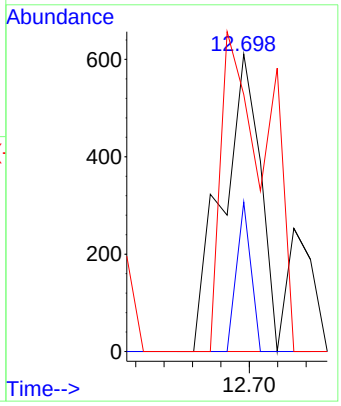


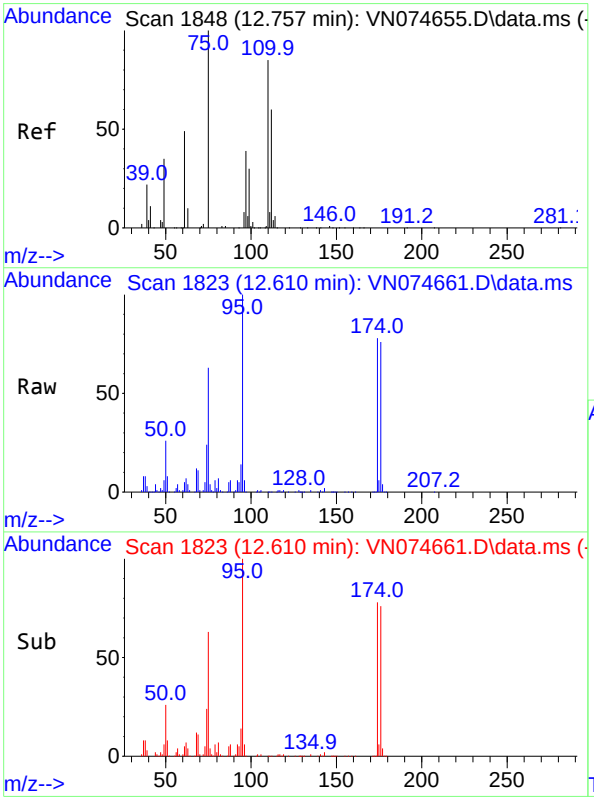
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 83 Resp: 567

Ion	Ratio	Lower	Upper
83	100		
131	19.0	5.3	15.9#
85	130.5	32.3	96.9#

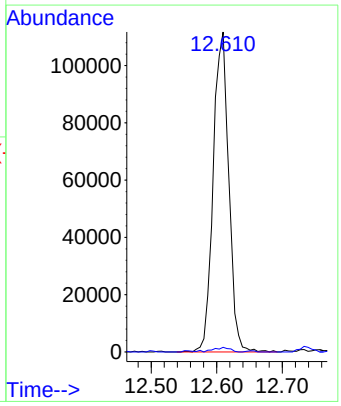


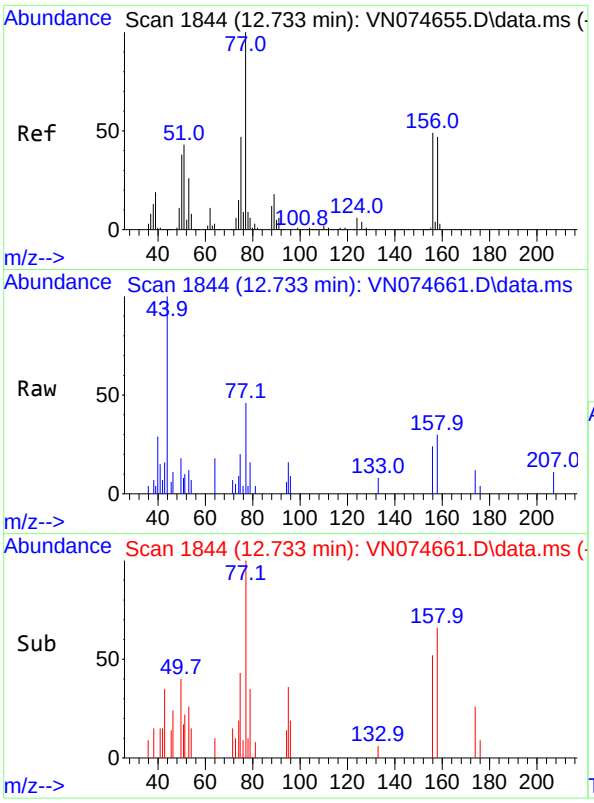


#76
1,2,3-Trichloropropane
Concen: 25.440 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. -0.147 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 75 Resp: 183489

Ion	Ratio	Lower	Upper
75	100		
77	1.6	98.5	295.5#



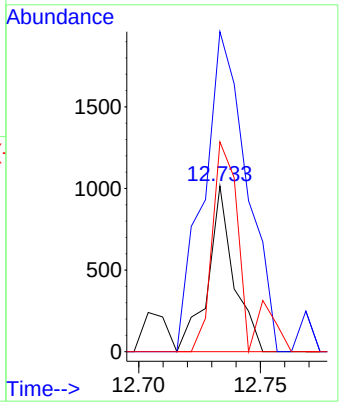


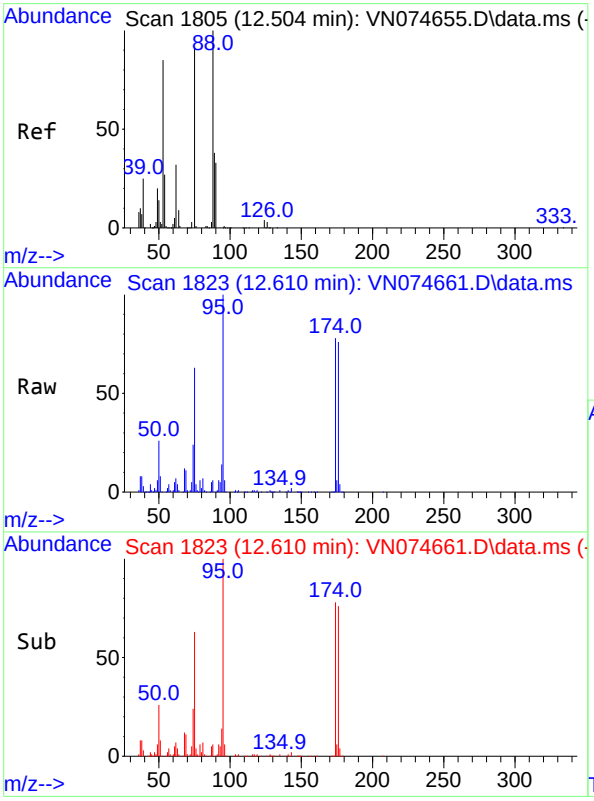
#77
Bromobenzene
Concen: Below Cal
RT: 12.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:156 Resp: 750

Ion	Ratio	Lower	Upper
156	100		
77	324.7	100.5	301.5#
158	142.9	48.9	146.6

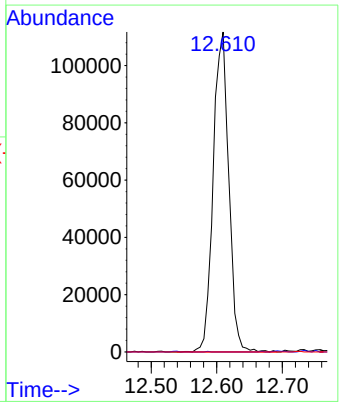


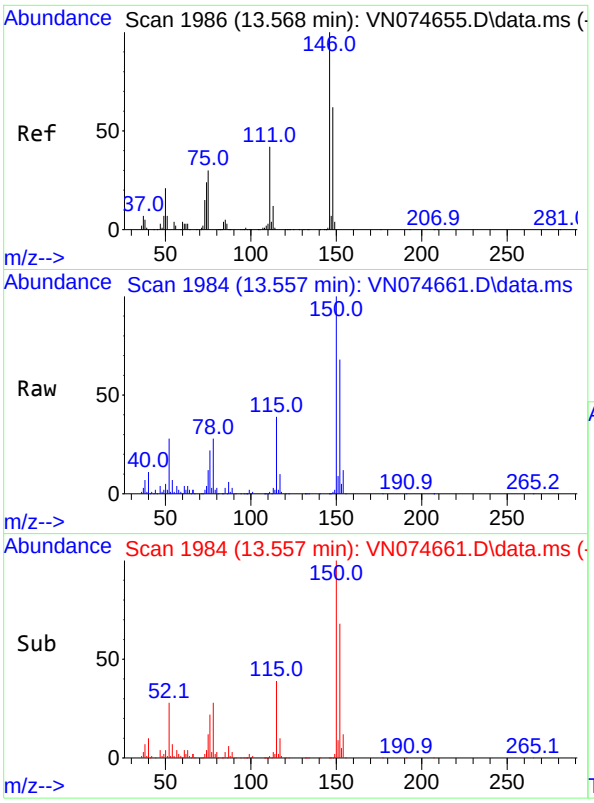


#81
trans-1,4-Dichloro-2-butene
Concen: 49.924 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.106 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion: 75 Resp: 183489

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	37.2	55.8#



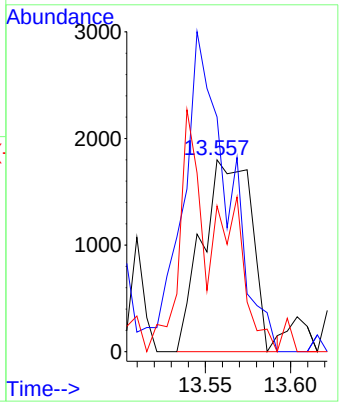


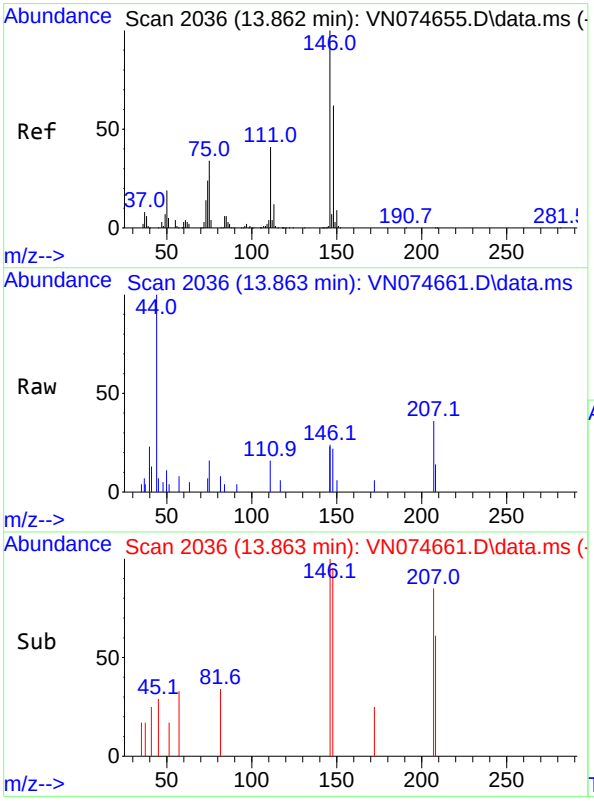
#88
1,4-Dichlorobenzene
Concen: 0.319 ug/l
RT: 13.557 min Scan# 1
Delta R.T. -0.011 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:146 Resp: 3650

Ion	Ratio	Lower	Upper
146	100		
111	148.1	19.1	57.1#
148	53.7	31.4	94.3

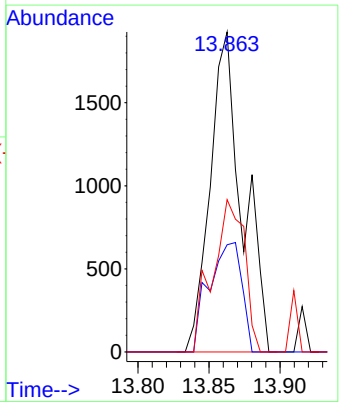


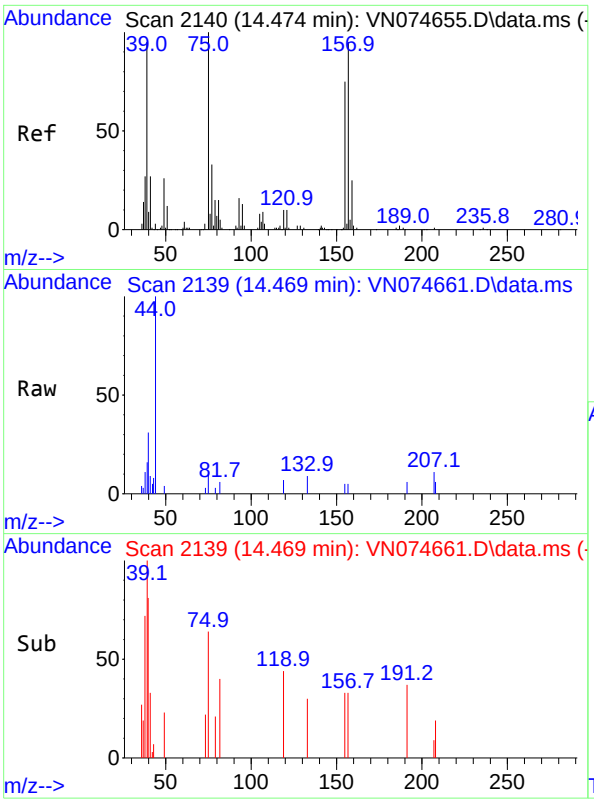


#91
1,2-Dichlorobenzene
Concen: 0.260 ug/l
RT: 13.863 min Scan# 2036
Delta R.T. 0.001 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:146 Resp: 3029

Ion	Ratio	Lower	Upper
146	100		
111	34.8	20.9	62.8
148	47.3	32.1	96.3



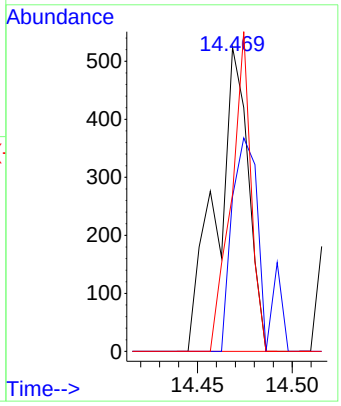


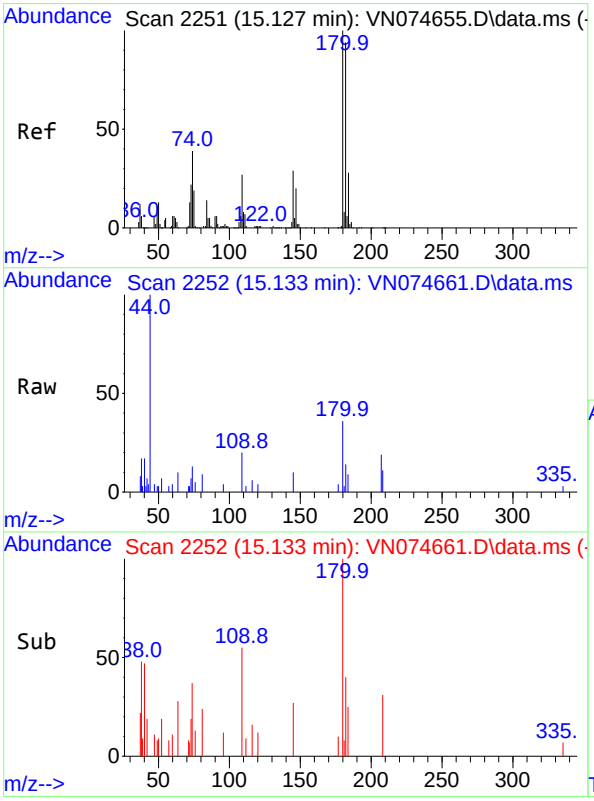
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.275 ug/l
RT: 14.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion: 75 Resp: 606

Ion	Ratio	Lower	Upper
75	100		
155	64.7	44.9	134.5
157	65.7	59.0	176.8

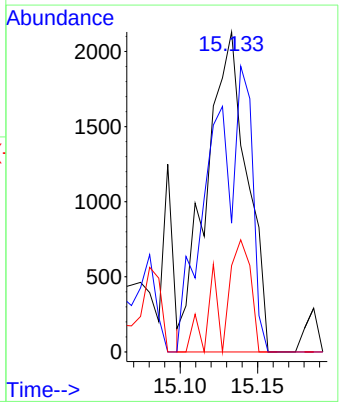


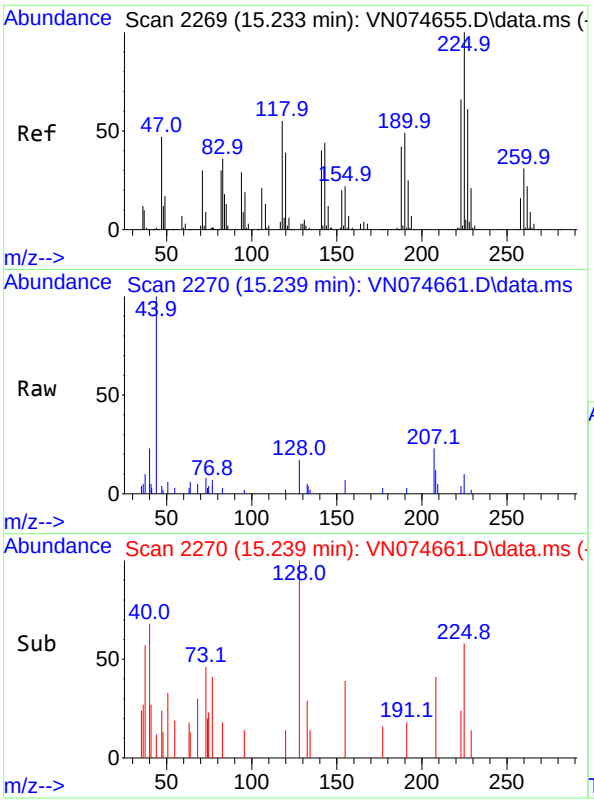


#93
1,2,4-Trichlorobenzene
Concen: 0.741 ug/l
RT: 15.133 min Scan# 2252
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:180 Resp: 3863

Ion	Ratio	Lower	Upper
180	100		
182	56.3	47.5	142.5
145	25.0	14.5	43.5



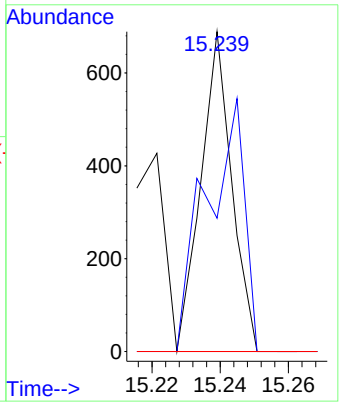


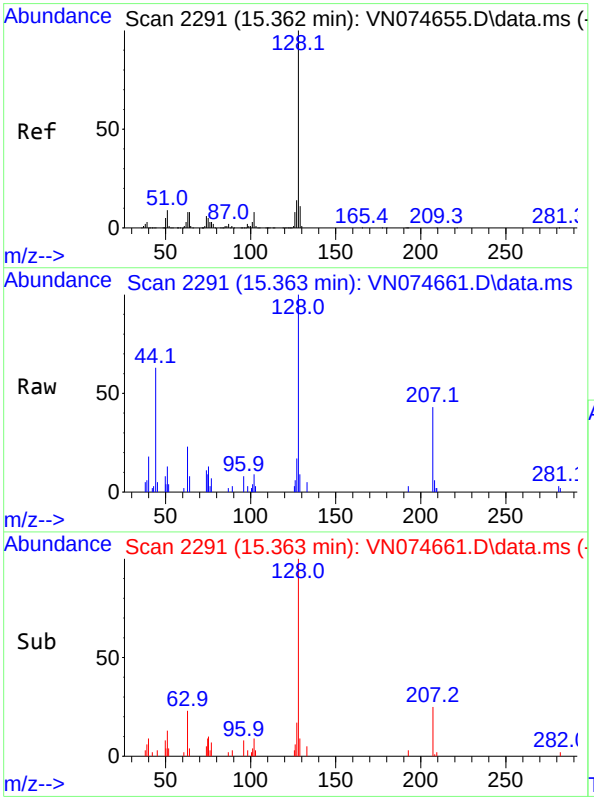
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.239 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:225 Resp: 433

Ion	Ratio	Lower	Upper
225	100		
223	98.2	32.4	97.2#
227	0.0	31.8	95.4#

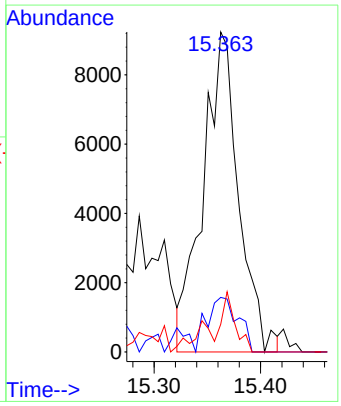


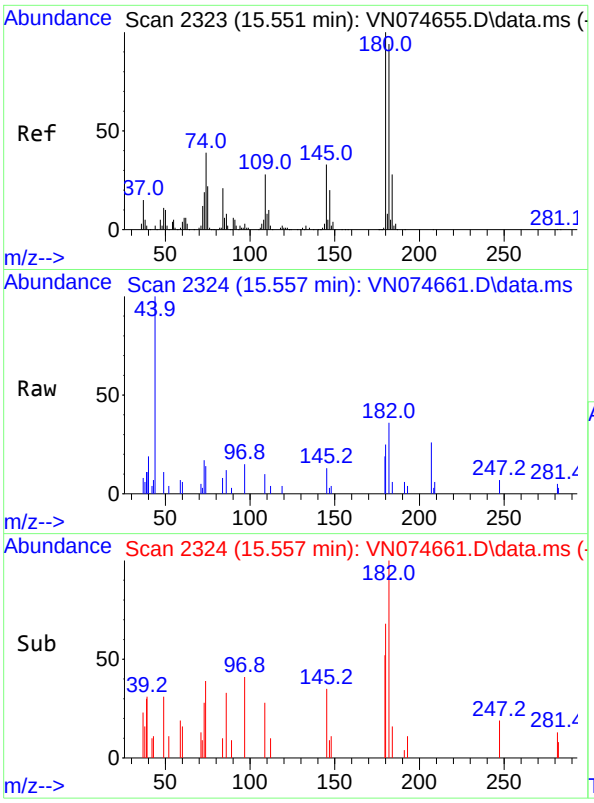


#95
Naphthalene
Concen: 1.052 ug/l
RT: 15.363 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Tgt Ion:128 Resp: 21461

Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.3	15.5
129	7.2	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.971 ug/l
RT: 15.557 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN074661.D
Acq: 30 Sep 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Tgt Ion:180 Resp: 5041

Ion	Ratio	Lower	Upper
180	100		
182	73.5	47.8	143.3
145	18.3	15.5	46.5