Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Quant Time: Mar 19 01:38:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	31895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	59919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	50070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23580	64.840	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.680%			
35) Dibromofluoromethane	7.716	113	19698	46.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.620%			
50) Toluene-d8	10.179	98	69003	54.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.780%			
62) 4-Bromofluorobenzene	12.477	95	20171	33.399	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.132	85	67	Below Cal	#	43
3) Chloromethane	2.125	50	550	Below Cal		94
4) Vinyl Chloride	2.266	62	64	Below Cal	#	43
5) Bromomethane	2.631	94	94	Below Cal	#	4
11) Tert butyl alcohol	4.966	59	91	2.148 ug/l	#	1
13) Acrolein	3.729	56	130	5.095 ug/l		99
16) Acetone	3.942	43	6233	64.608 ug/l	#	81
17) Carbon Disulfide	4.198	76	2441	Below Cal	#	90
18) Methyl Acetate	4.491	43	363	Below Cal	#	56
20) Methylene Chloride	4.704	84	1098	Below Cal	#	68
21) trans-1,2-Dichloroethene	5.222	96	455	1.174 ug/l	#	1
25) 2-Butanone	6.984	43	1756	11.364 ug/l		92
29) Tetrahydrofuran	7.356	42	305	3.080 ug/l	#	38
31) Cyclohexane	7.789	56	965	Below Cal	#	39
36) 1,1-Dichloropropene	7.783	75	2667	4.273 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	3231	4.845 ug/l	#	19
39) Methylcyclohexane	9.179	83	65	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.063	43	479	1.238 ug/l	#	40
68) m/p-Xylenes	11.703	106	1109	1.331 ug/l	#	66
74) N-amyl acetate	12.118	43	3256	9.328 ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	12.489	83	1998	7.845 ug/l		84
76) 1,2,3-Trichloropropane	12.477	75	10903	56.907 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.770	105	1152	1.184 ug/l		81
81) trans-1,4-Dichloro-2-b...	12.477	75	10903	119.527 ug/l	#	12
83) tert-Butylbenzene	13.075	119	2665	3.061 ug/l		96
89) n-Butylbenzene	13.690	91	1654	1.627 ug/l	#	70
92) 1,2-Dibromo-3-Chloropr...	14.300	75	170	3.880 ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.007	180	547	1.822 ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.452	180	1466	5.536 ug/l	#	13

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
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Instrument :
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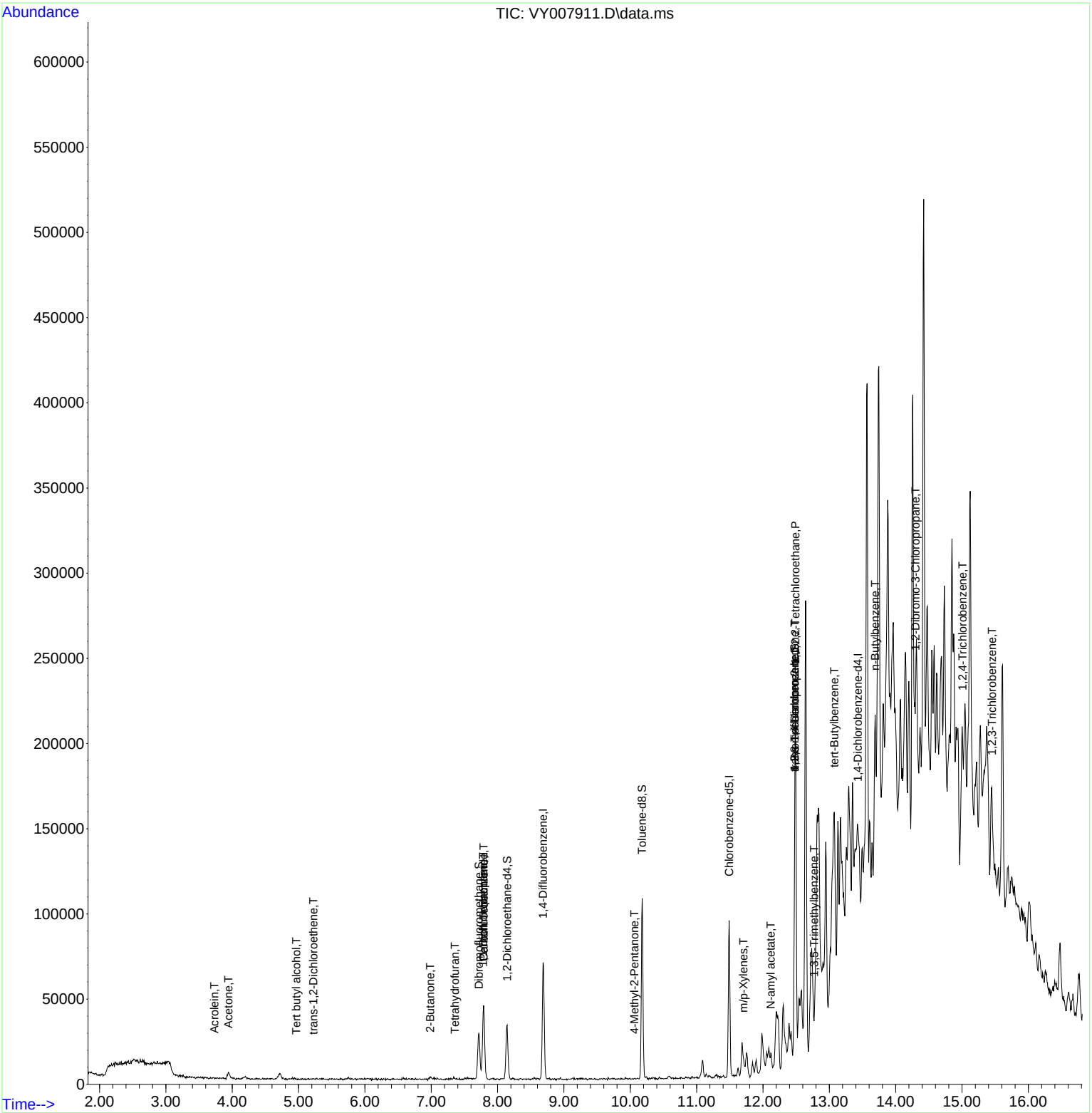
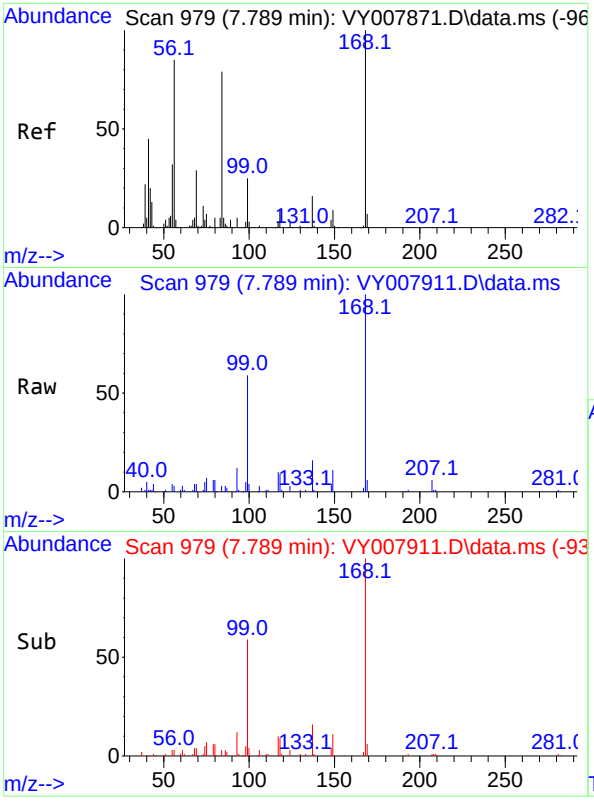
DB-14-(13-15)-3-12-22

Quant Time: Mar 19 01:38:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration



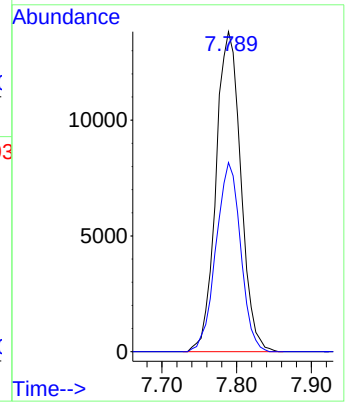


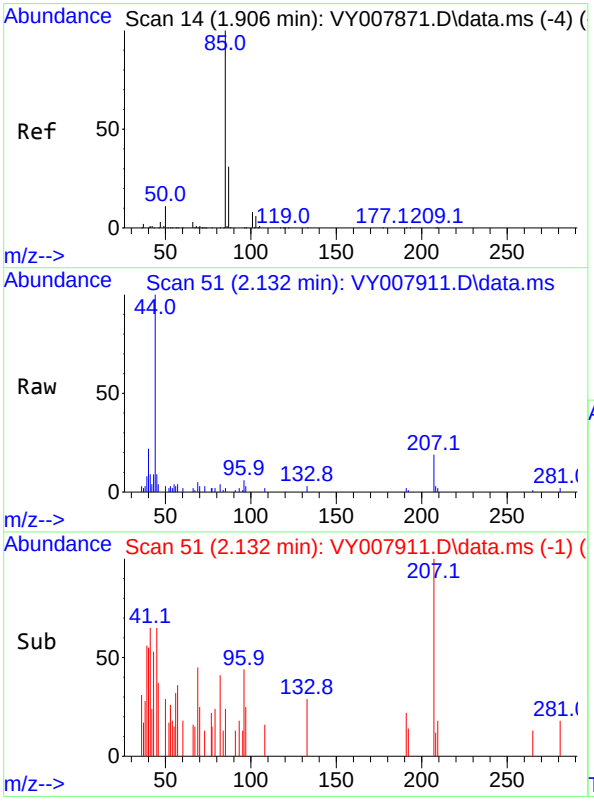
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:168 Resp: 31895

Ion	Ratio	Lower	Upper
168	100		
99	59.1	46.9	70.3

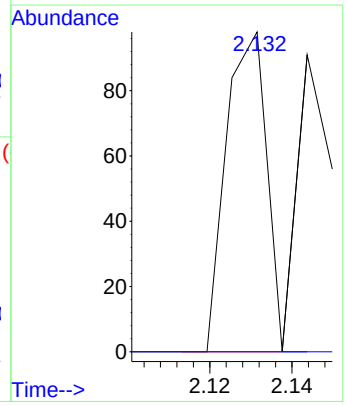


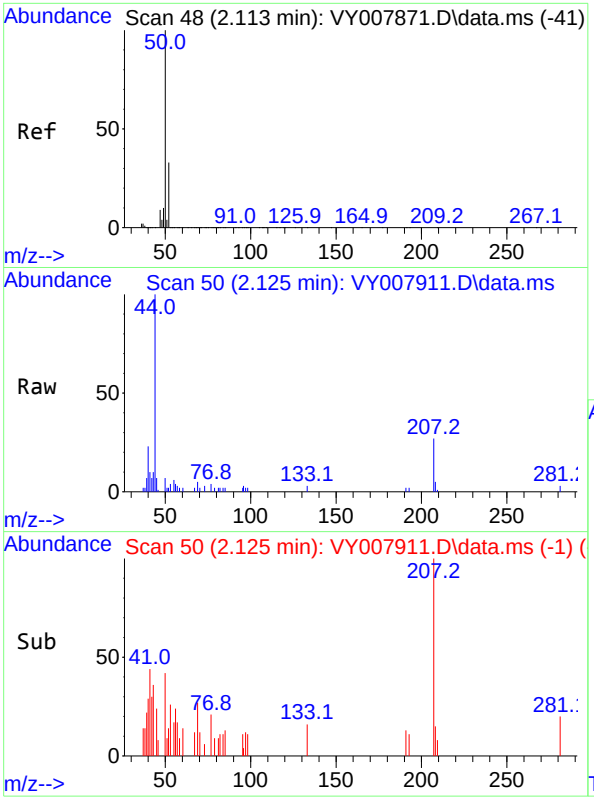


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.132 min Scan# 51
Delta R.T. 0.226 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 85 Resp: 67

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



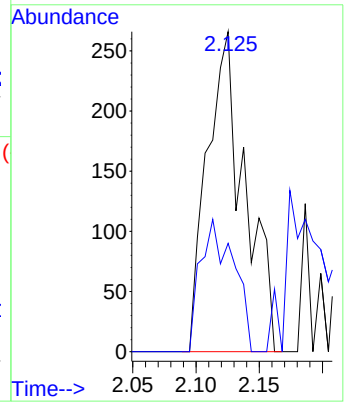


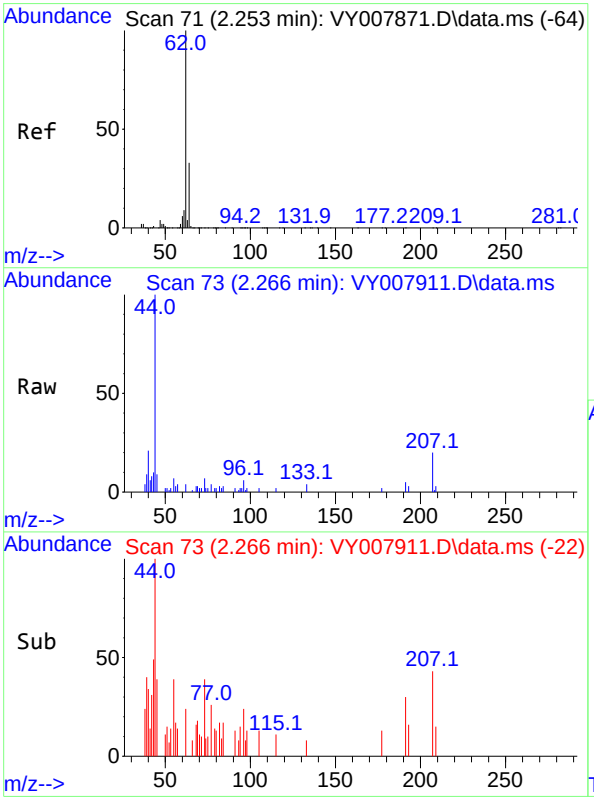
#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 5(
Delta R.T. 0.012 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 50 Resp: 550

Ion	Ratio	Lower	Upper
50	100		
52	33.8	24.6	37.0

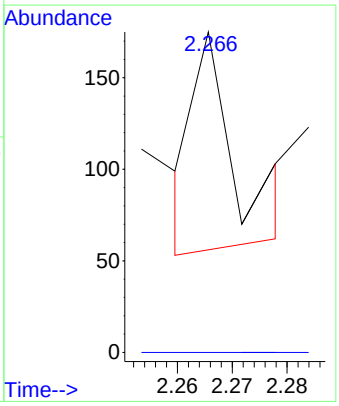


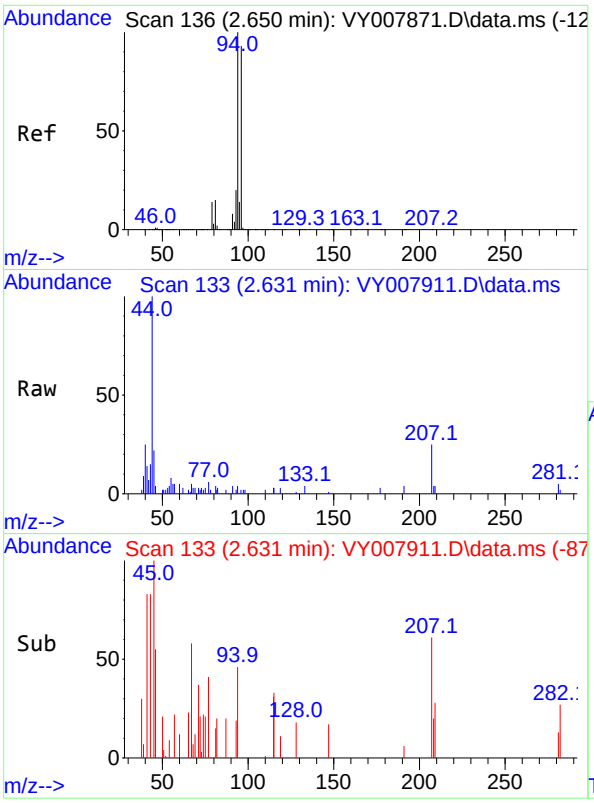


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 62 Resp: 64

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



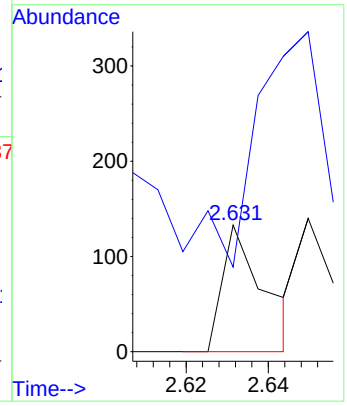


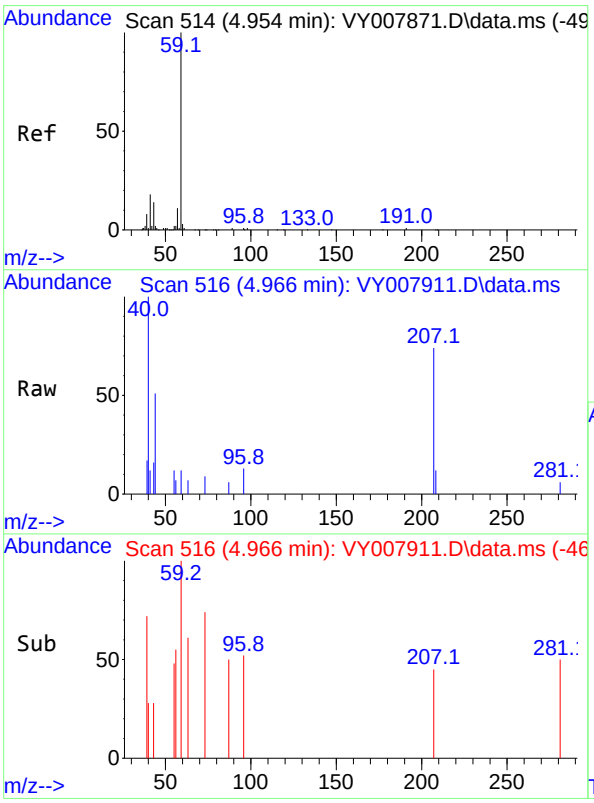
#5
Bromomethane
Concen: Below Cal
RT: 2.631 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 94 Resp: 94

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.5	110.3#

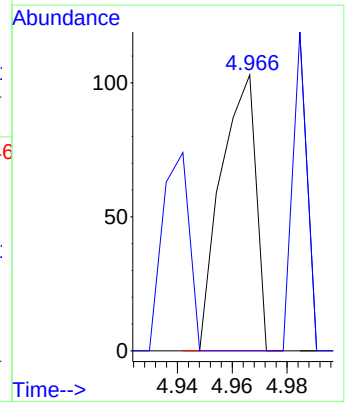


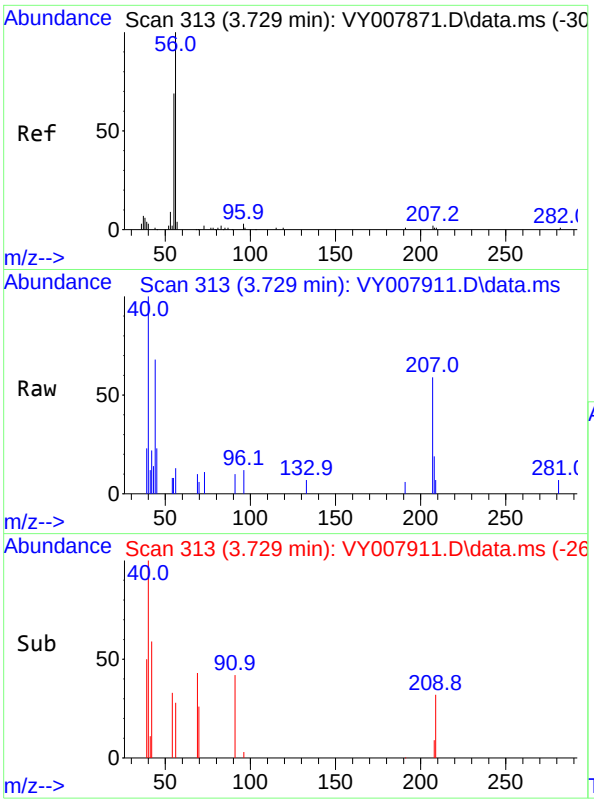


#11
Tert butyl alcohol
Concen: 2.148 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 59 Resp: 91

Ion	Ratio	Lower	Upper
59	100		
57	48.4	6.4	9.6#



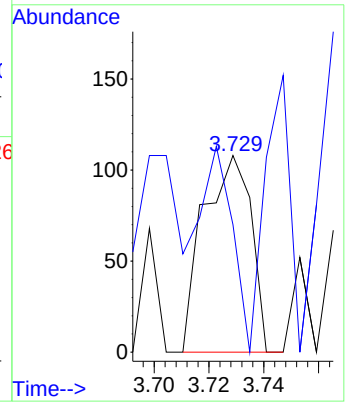


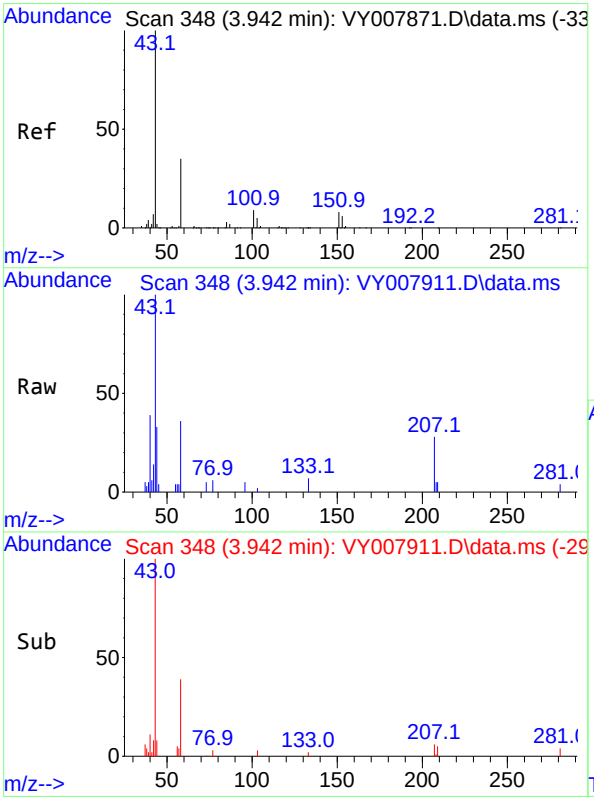
#13
Acrolein
Concen: 5.095 ug/l
RT: 3.729 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 56 Resp: 130

Ion	Ratio	Lower	Upper
56	100		
55	73.1	57.6	86.4

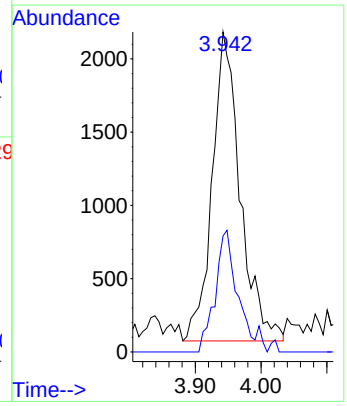


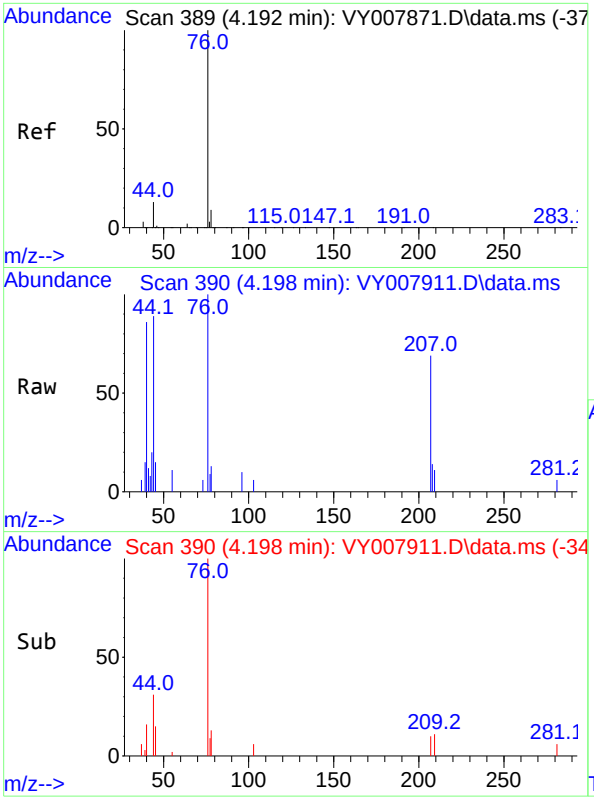


#16
Acetone
Concen: 64.608 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 43 Resp: 6233

Ion	Ratio	Lower	Upper
43	100		
58	37.5	22.0	33.0#



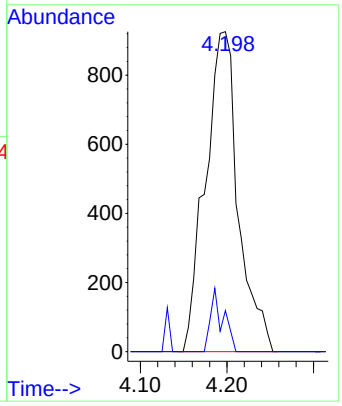


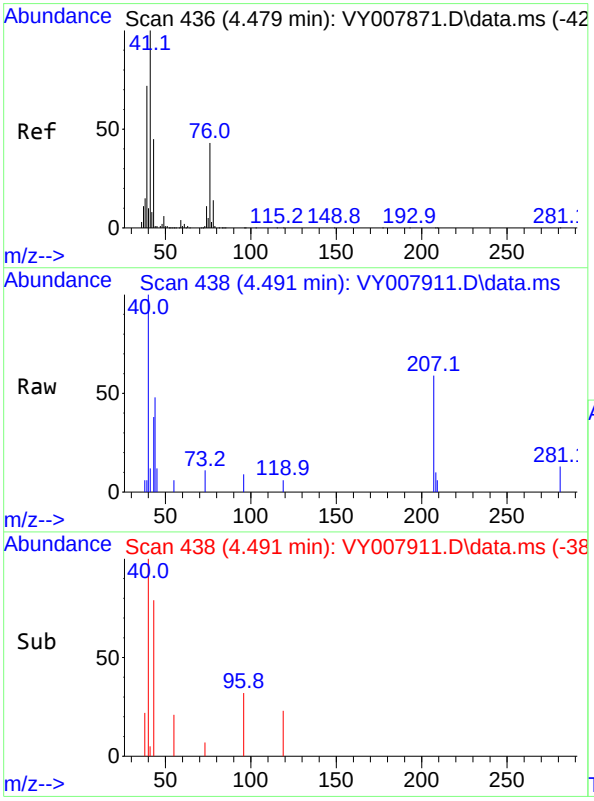
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 76 Resp: 2441

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.4	11.0#

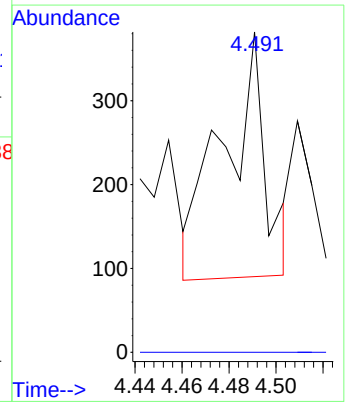


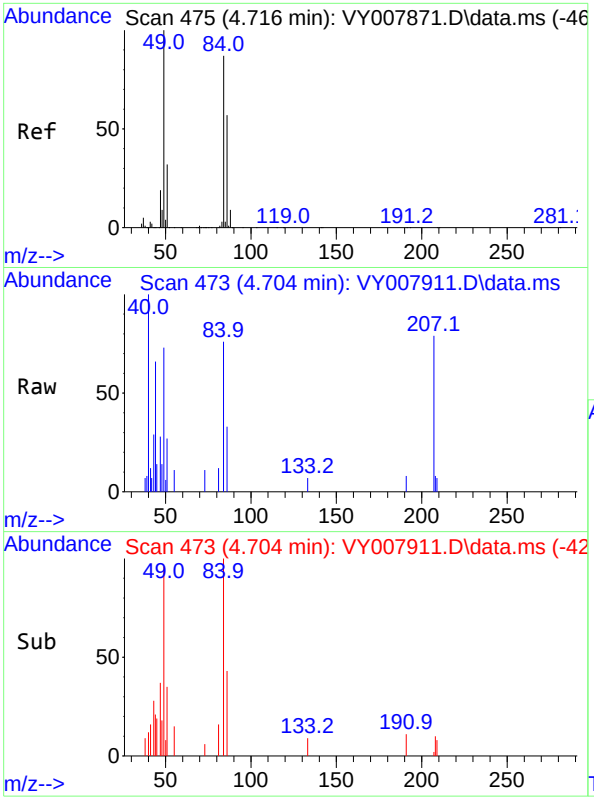


#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 43 Resp: 363

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



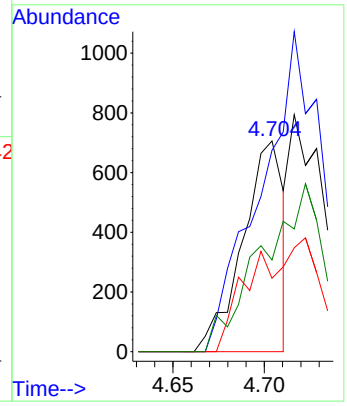


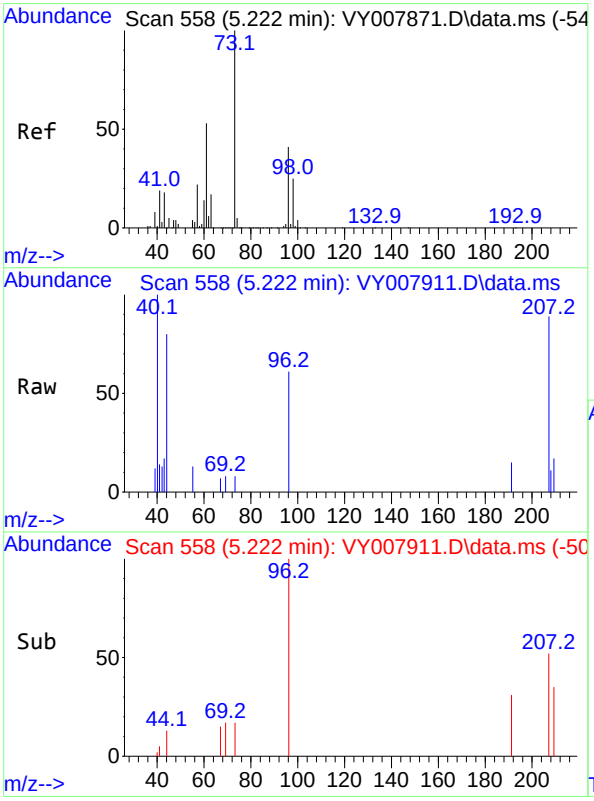
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 84 Resp: 1098

Ion	Ratio	Lower	Upper
84	100		
49	95.6	114.4	171.6#
51	34.8	35.3	52.9#
86	43.5	53.7	80.5#

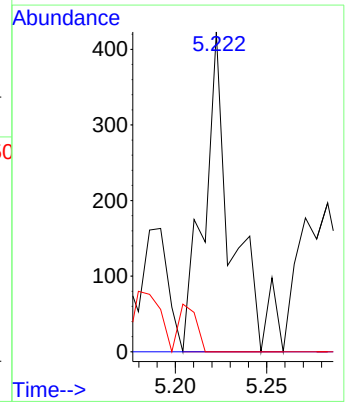


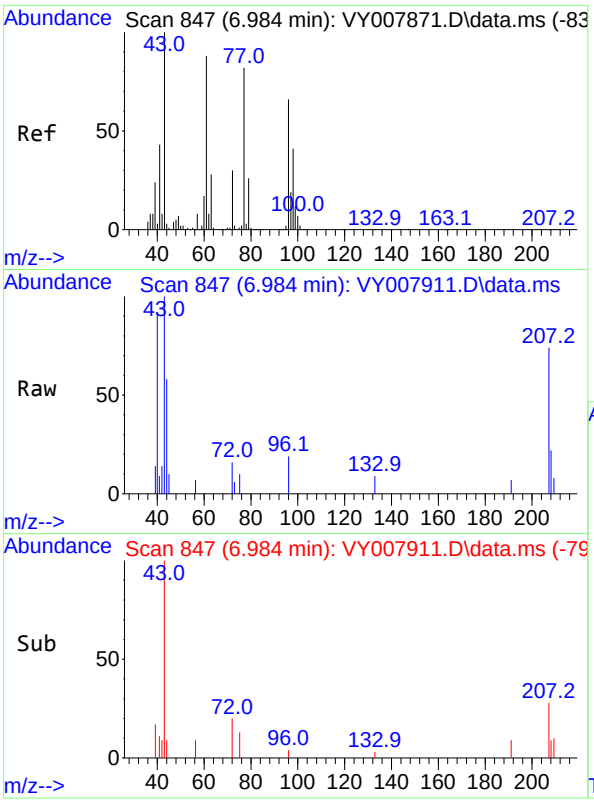


#21
trans-1,2-Dichloroethene
Concen: 1.174 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 96 Resp: 455

Ion	Ratio	Lower	Upper
96	100		
61	0.0	120.5	180.7#
98	0.0	49.8	74.8#



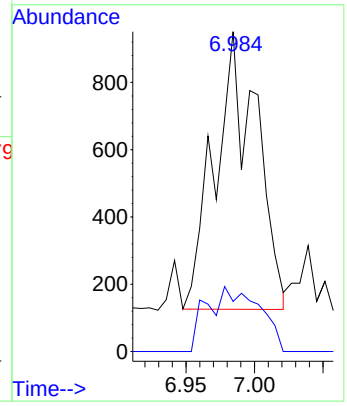


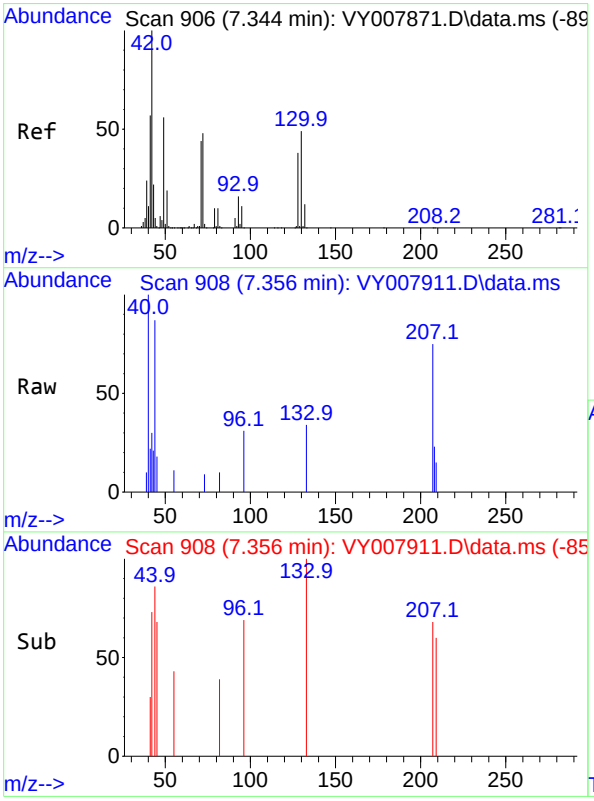
#25
2-Butanone
Concen: 11.364 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 43 Resp: 1756

Ion	Ratio	Lower	Upper
43	100		
72	18.1	17.7	26.5

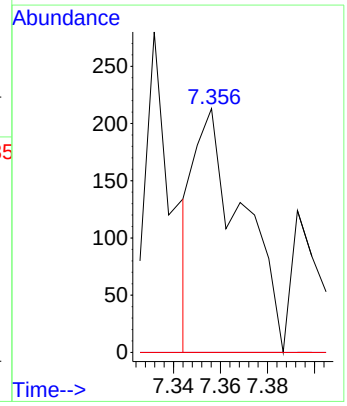


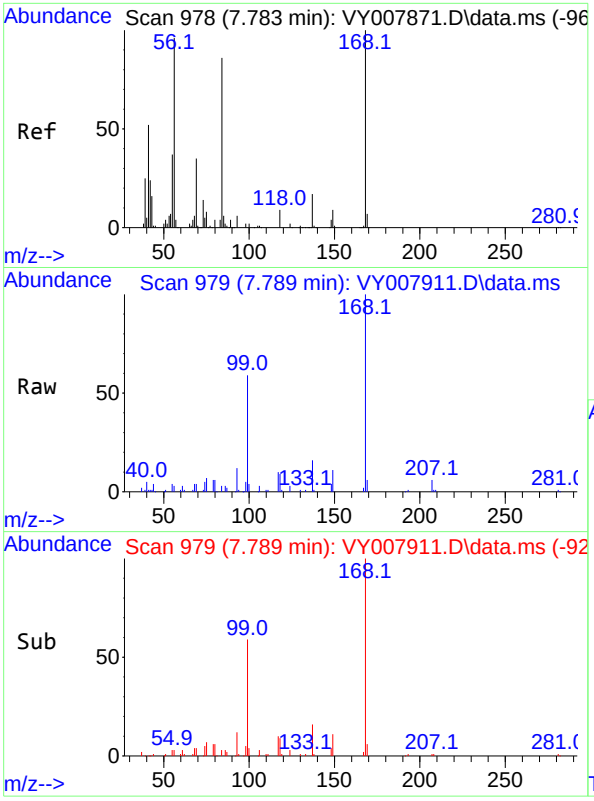


#29
Tetrahydrofuran
Concen: 3.080 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 42 Resp: 305

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



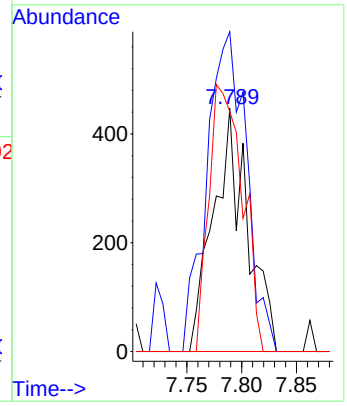


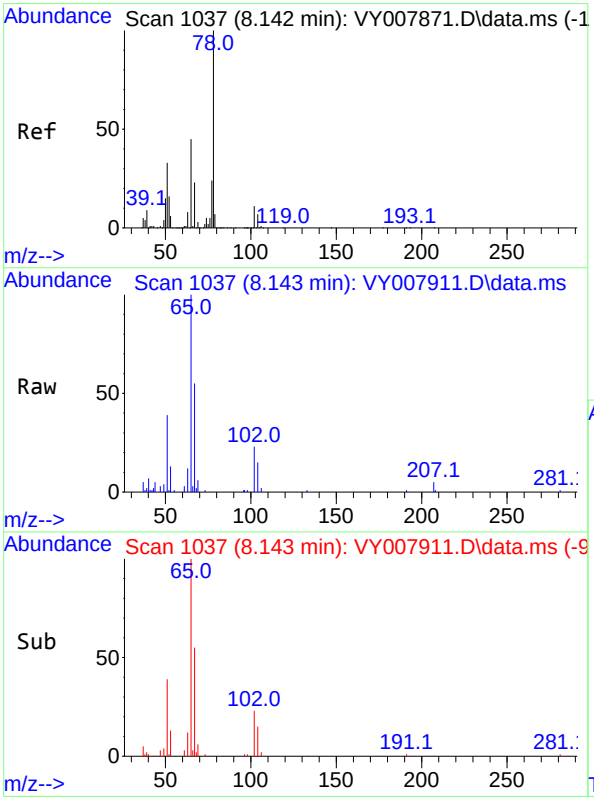
#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 56 Resp: 965

Ion	Ratio	Lower	Upper
56	100		
69	131.5	26.7	40.1#
84	98.7	67.2	100.8

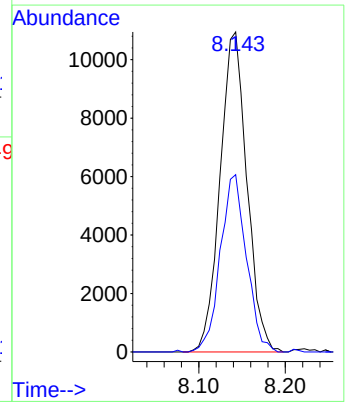


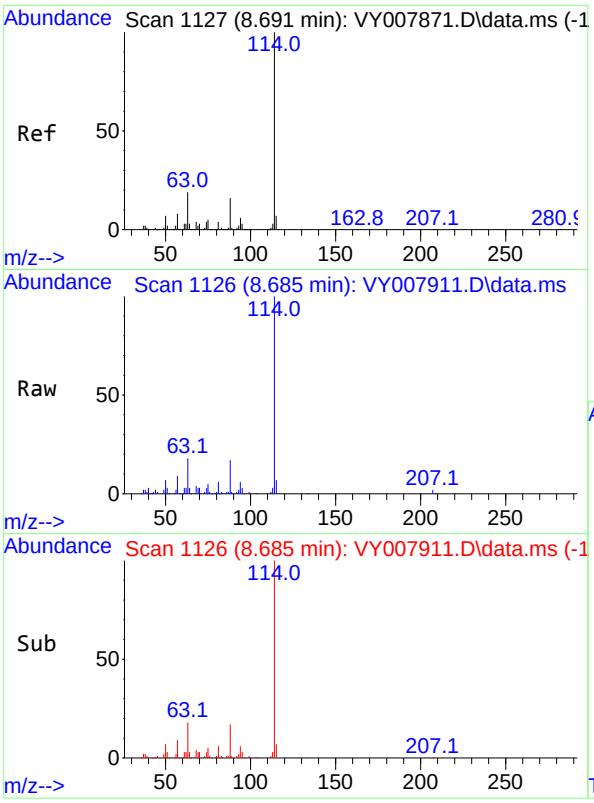


#33
1,2-Dichloroethane-d4
Concen: 64.840 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 65 Resp: 23580

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	99.4



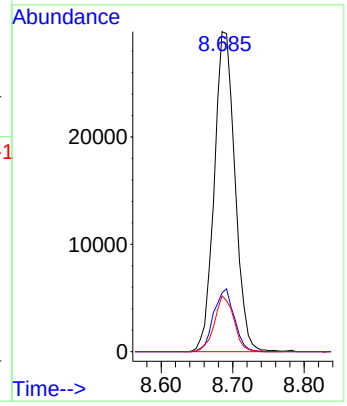


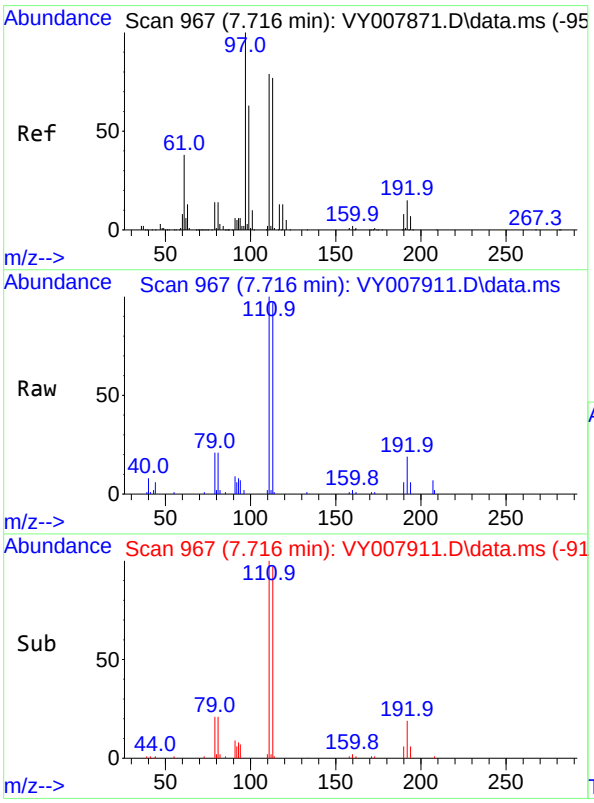
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:114 Resp: 59919

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	17.5	0.0	31.8

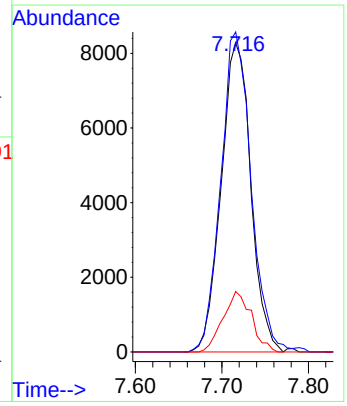


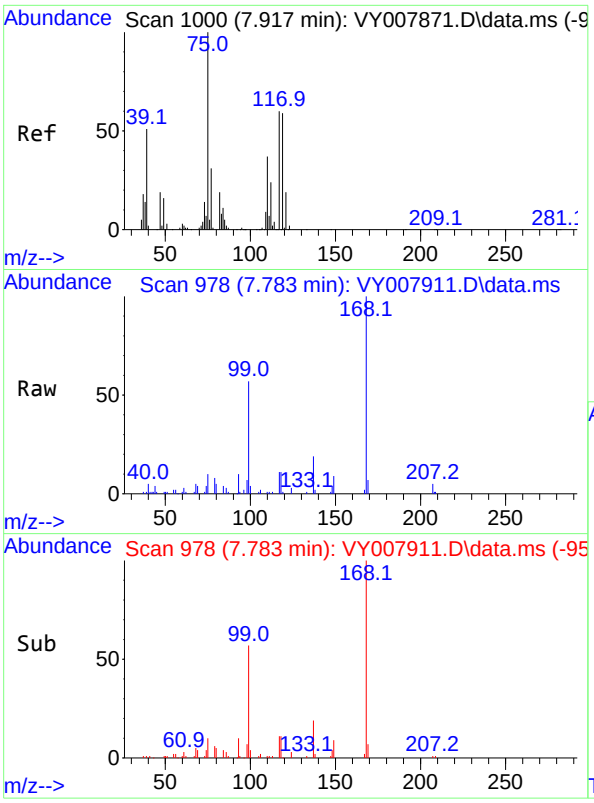


#35
Dibromofluoromethane
Concen: 46.810 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion:113 Resp: 19698

Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.6	124.0
192	18.7	17.6	26.4



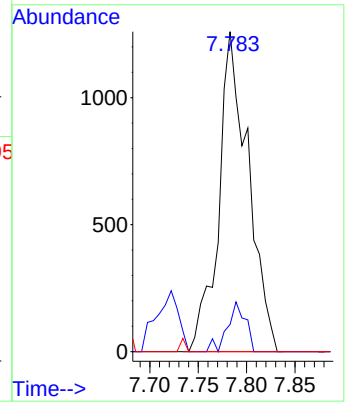


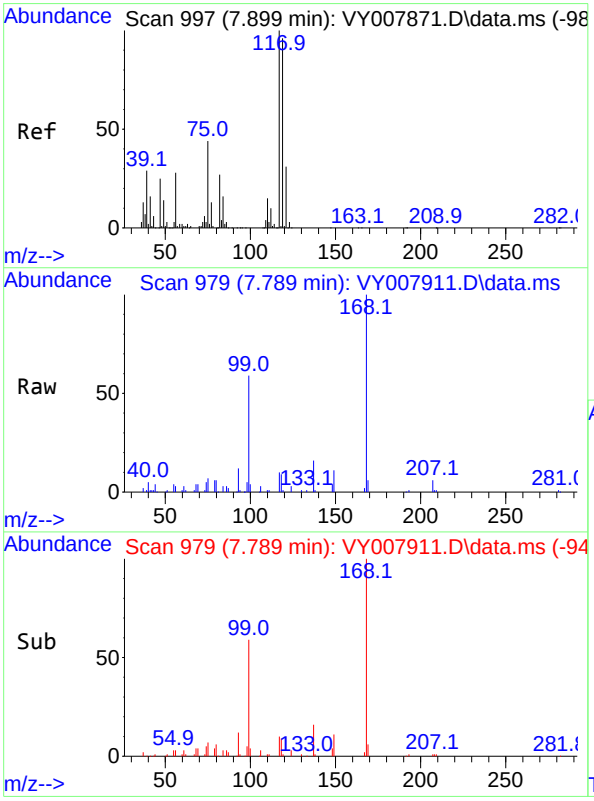
#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 75 Resp: 2667

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#

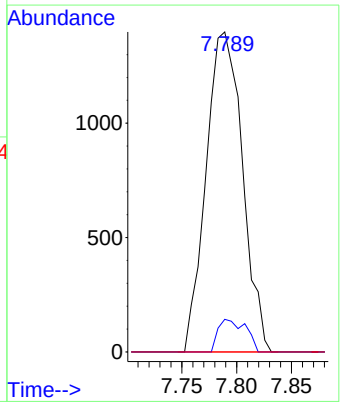


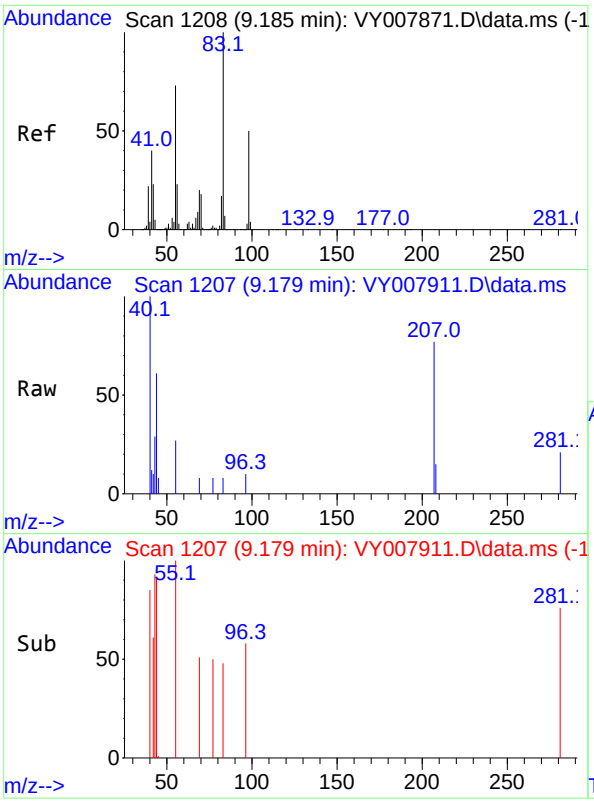


#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion:117 Resp: 3231

Ion	Ratio	Lower	Upper
117	100		
119	10.2	77.9	116.9#
121	0.0	24.8	37.2#



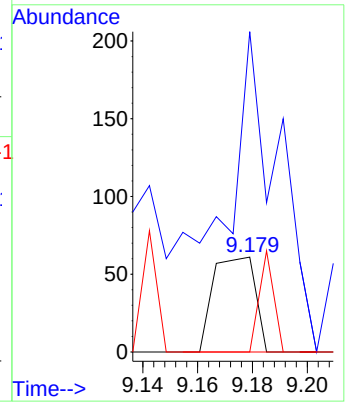


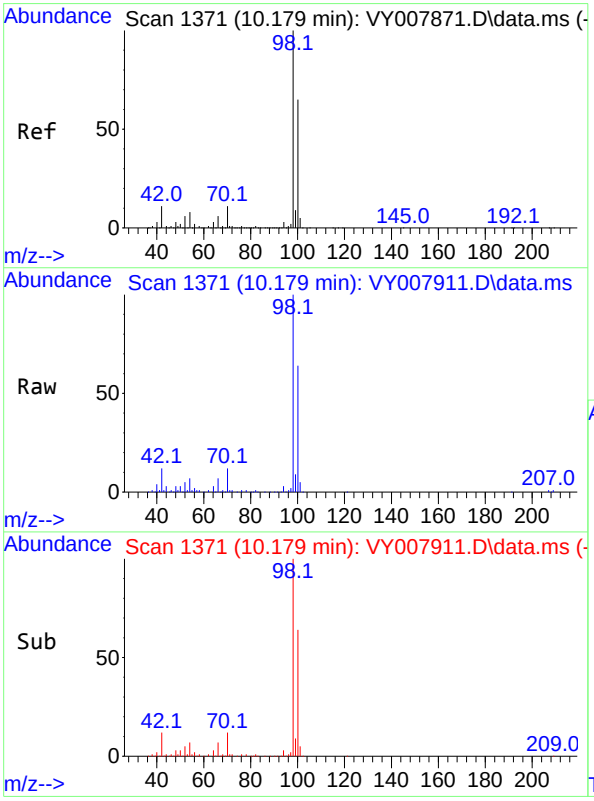
#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 83 Resp: 65

Ion	Ratio	Lower	Upper
83	100		
55	211.5	66.5	99.7#
98	0.0	37.9	56.9#

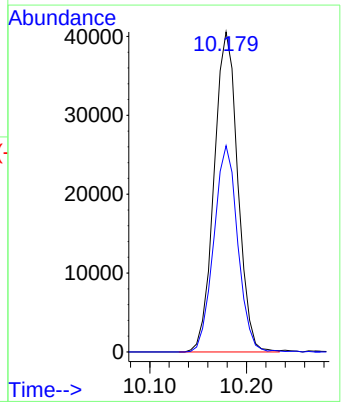


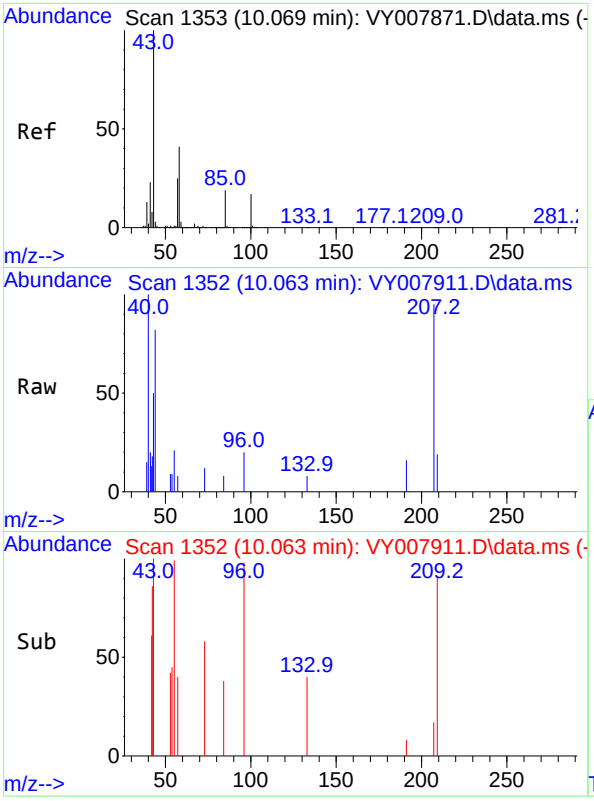


#50
Toluene-d8
Concen: 54.892 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 98 Resp: 69003

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.2	75.2



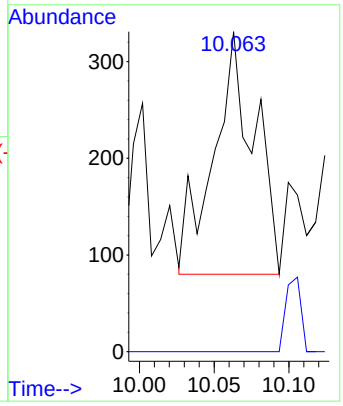


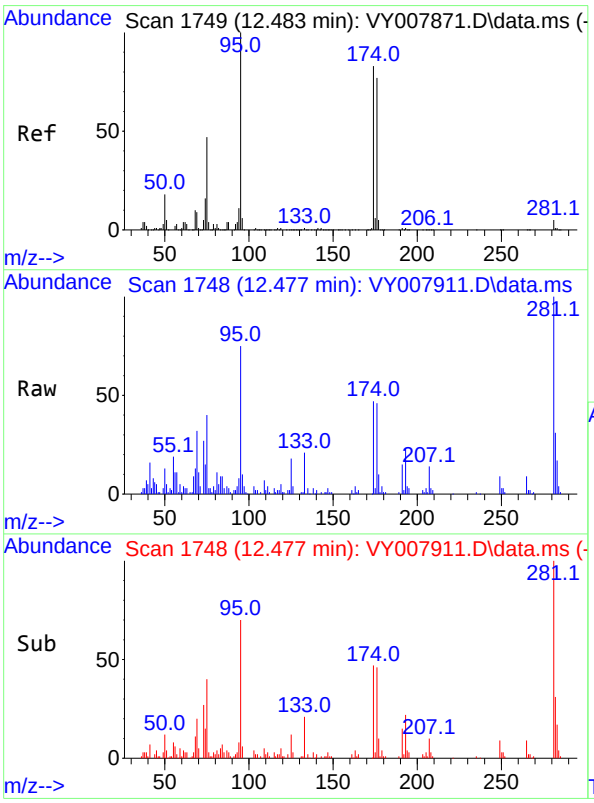
#51
4-Methyl-2-Pentanone
Concen: 1.238 ug/l
RT: 10.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 43 Resp: 479

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	42.1#

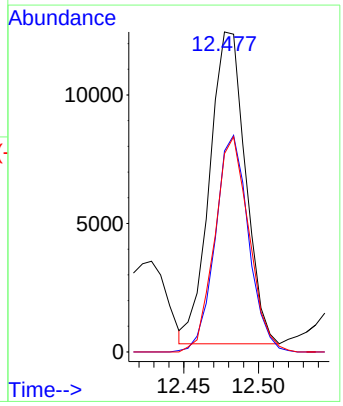


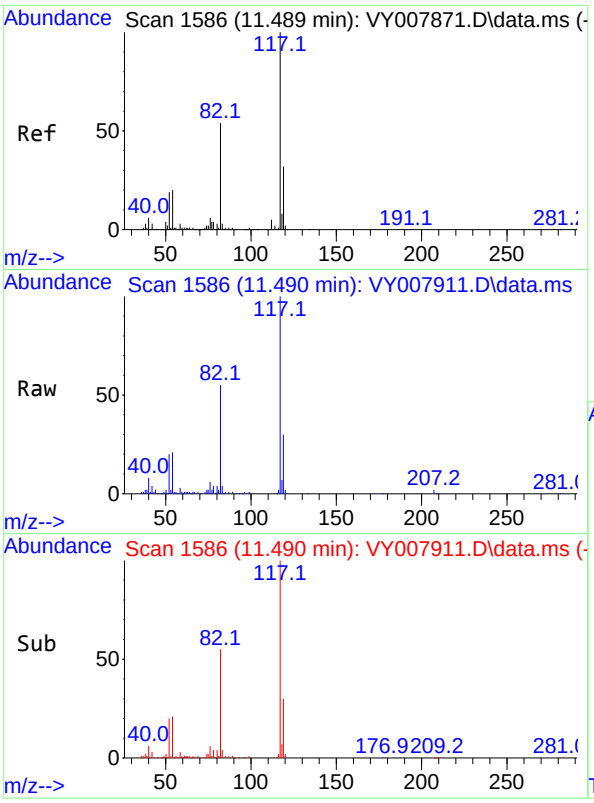


#62
4-Bromofluorobenzene
Concen: 33.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 95 Resp: 20171

Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	177.0
176	66.0	0.0	175.8



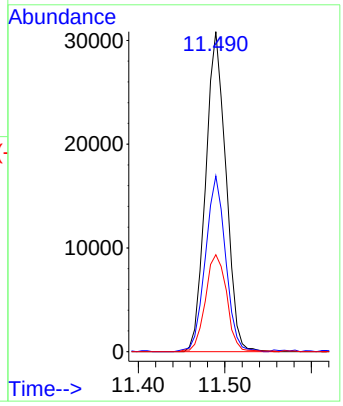


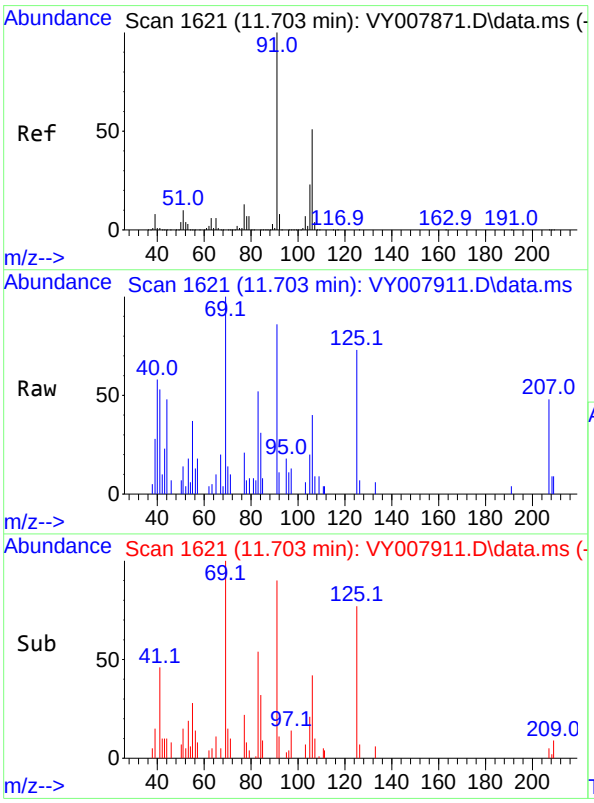
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:117 Resp: 50070

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	30.3	25.4	38.0

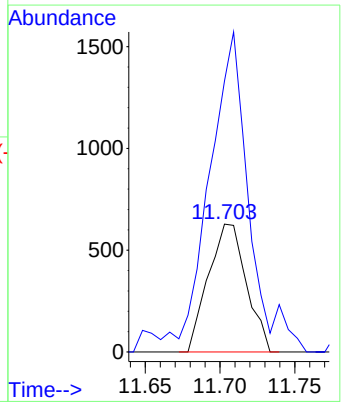


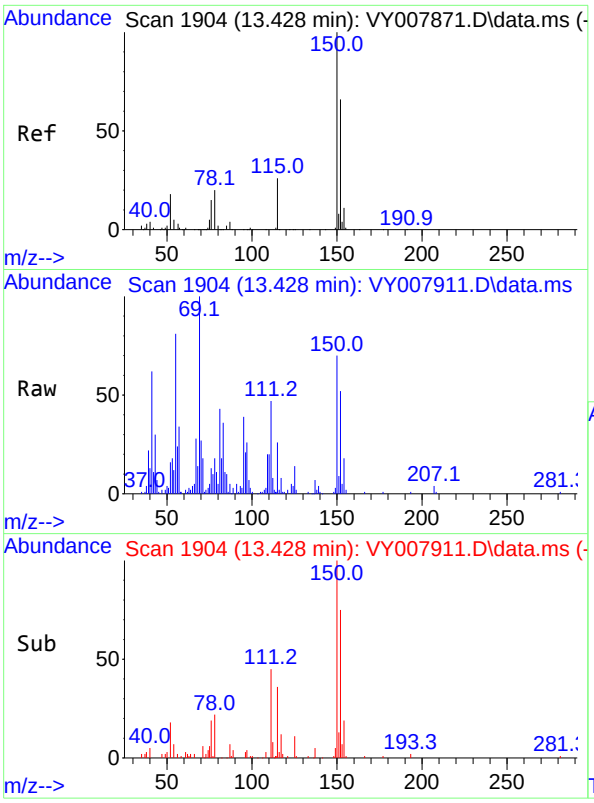


#68
m/p-Xylenes
Concen: 1.331 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion:106 Resp: 1109

Ion	Ratio	Lower	Upper
106	100		
91	260.3	166.6	249.8#



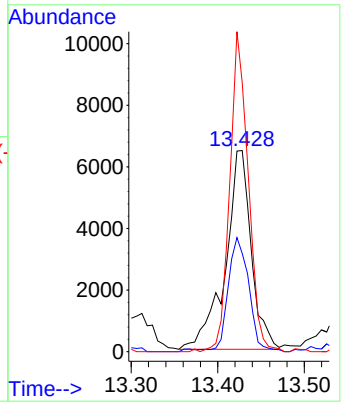


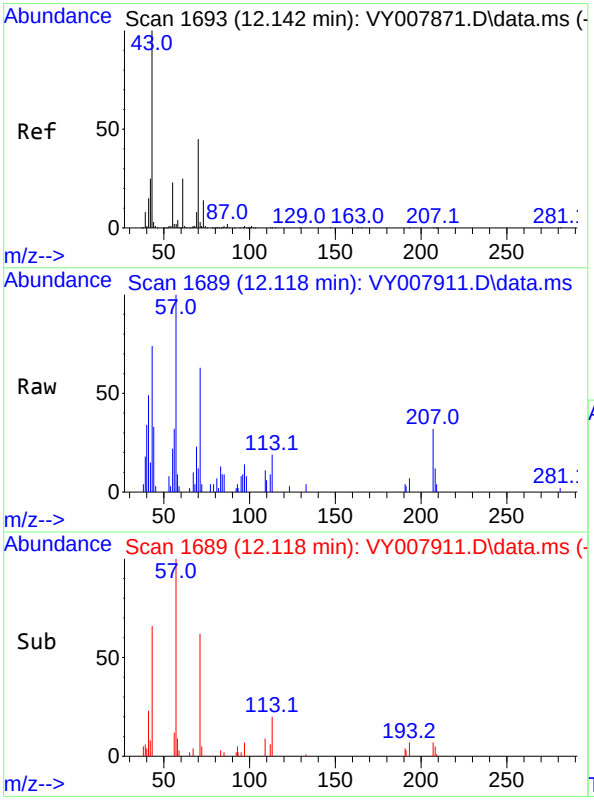
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:152 Resp: 13442

Ion	Ratio	Lower	Upper
152	100		
115	45.6	28.2	84.7
150	114.7	0.0	347.6

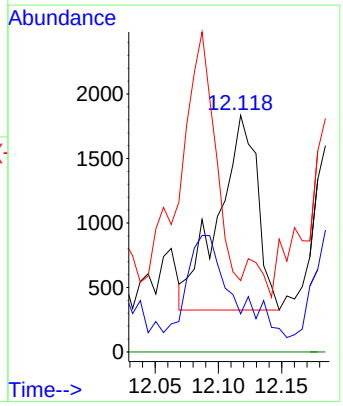


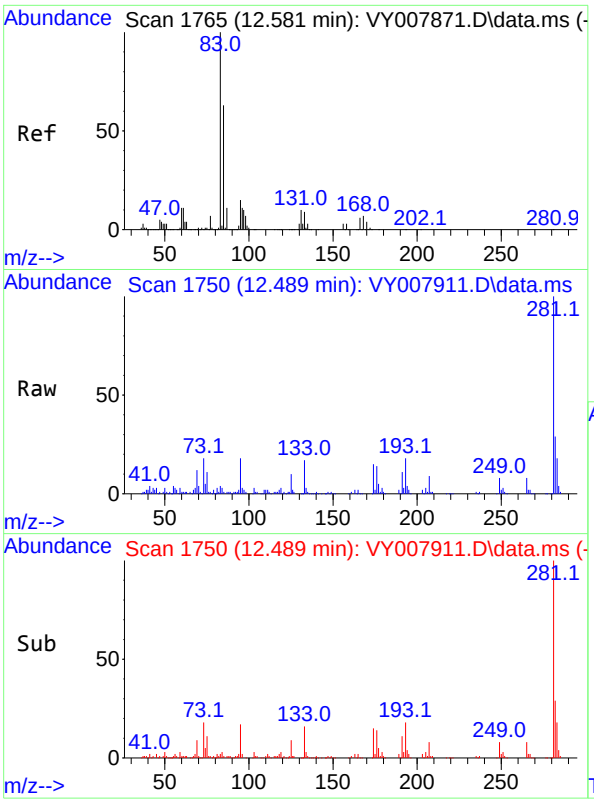


#74
N-amyl acetate
Concen: 9.328 ug/l
RT: 12.118 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 43 Resp: 3256

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#



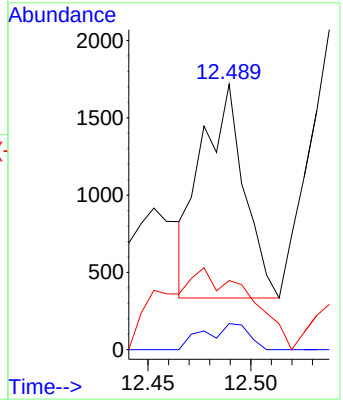


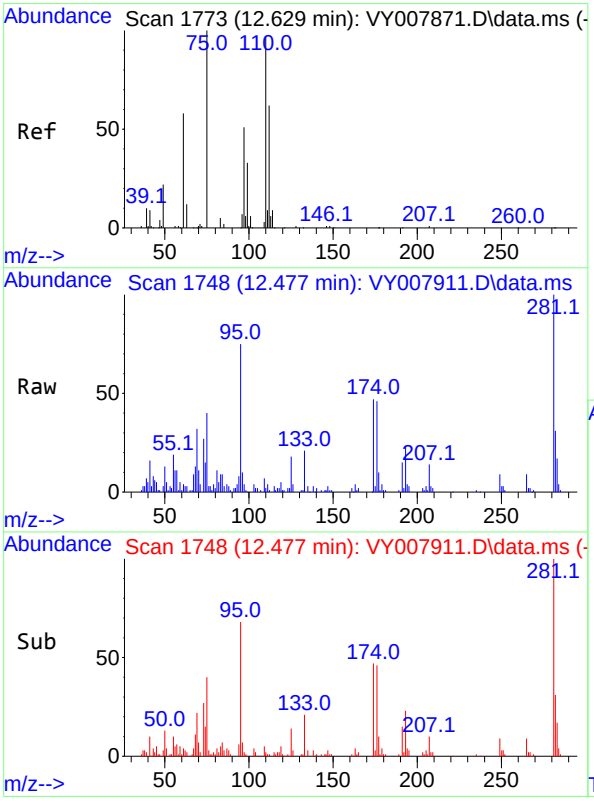
#75
1,1,2,2-Tetrachloroethane
Concen: 7.845 ug/l
RT: 12.489 min Scan# 1
Delta R.T. -0.091 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 83 Resp: 1998

Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.6	16.8
85	78.6	32.3	96.8

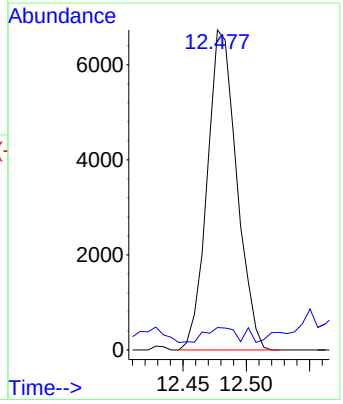


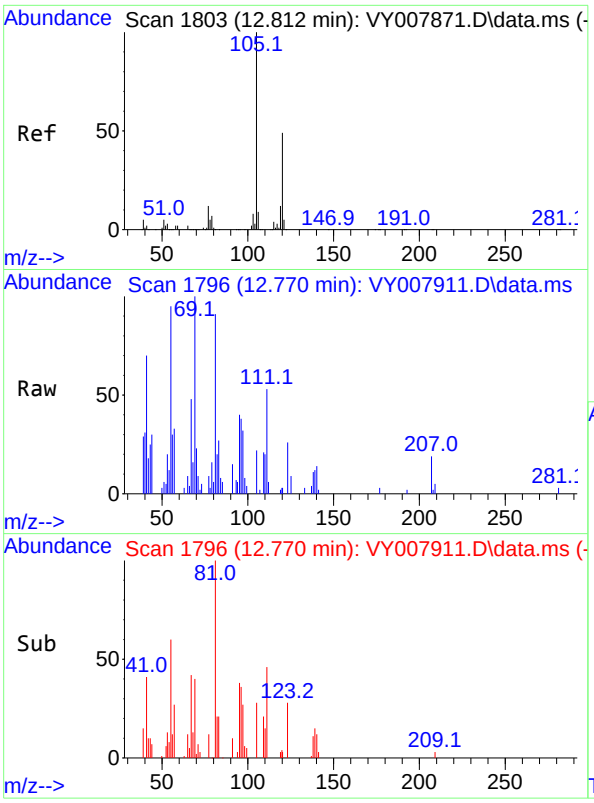


#76
1,2,3-Trichloropropane
Concen: 56.907 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 75 Resp: 10903

Ion	Ratio	Lower	Upper
75	100		
77	4.6	0.0	0.0#



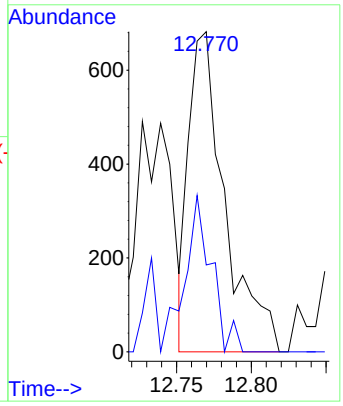


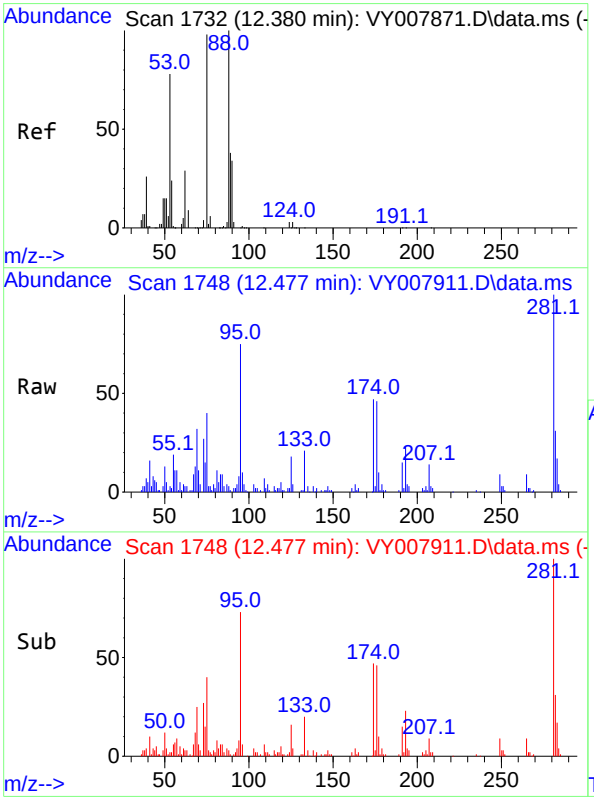
#80
1,3,5-Trimethylbenzene
Concen: 1.184 ug/l
RT: 12.770 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:105 Resp: 1152

Ion	Ratio	Lower	Upper
105	100		
120	35.9	24.4	73.4

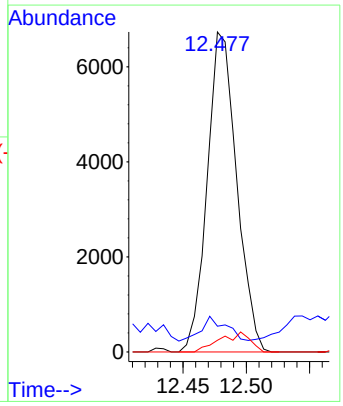


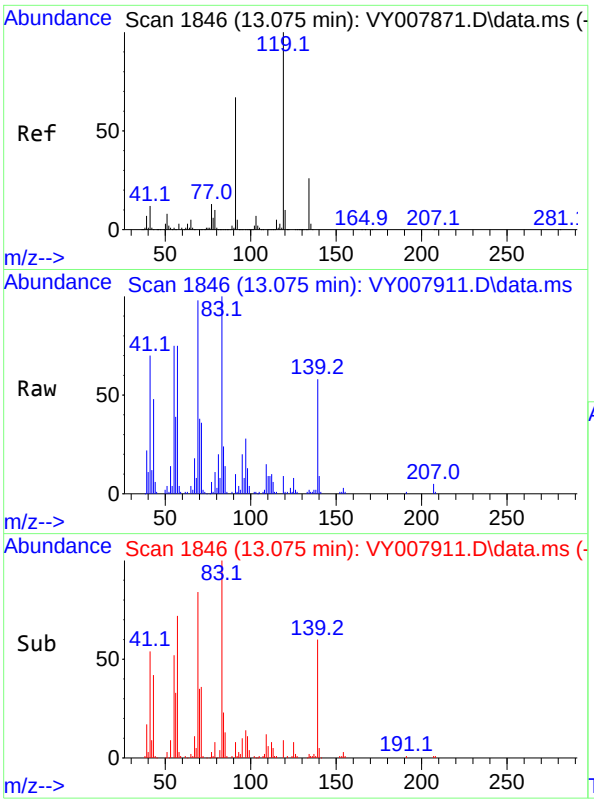


#81
trans-1,4-Dichloro-2-butene
Concen: 119.527 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 75 Resp: 10903

Ion	Ratio	Lower	Upper
75	100		
53	6.4	85.3	127.9#
89	0.0	37.0	55.4#



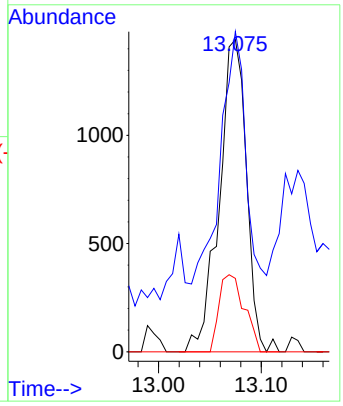


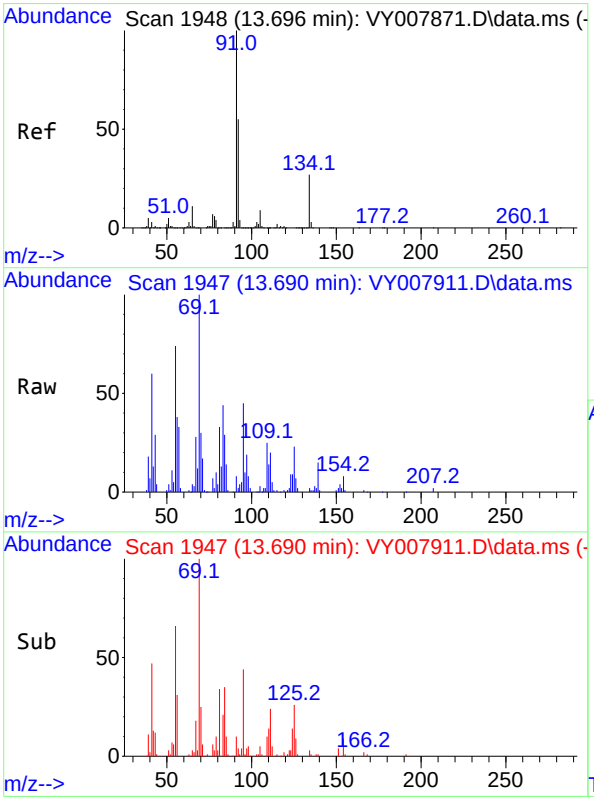
#83
tert-Butylbenzene
Concen: 3.061 ug/l
RT: 13.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:119 Resp: 2665

Ion	Ratio	Lower	Upper
119	100		
91	72.1	34.8	104.4
134	22.8	13.3	39.9

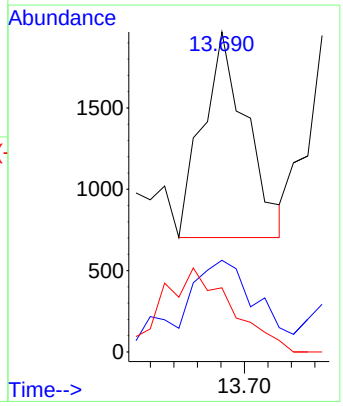


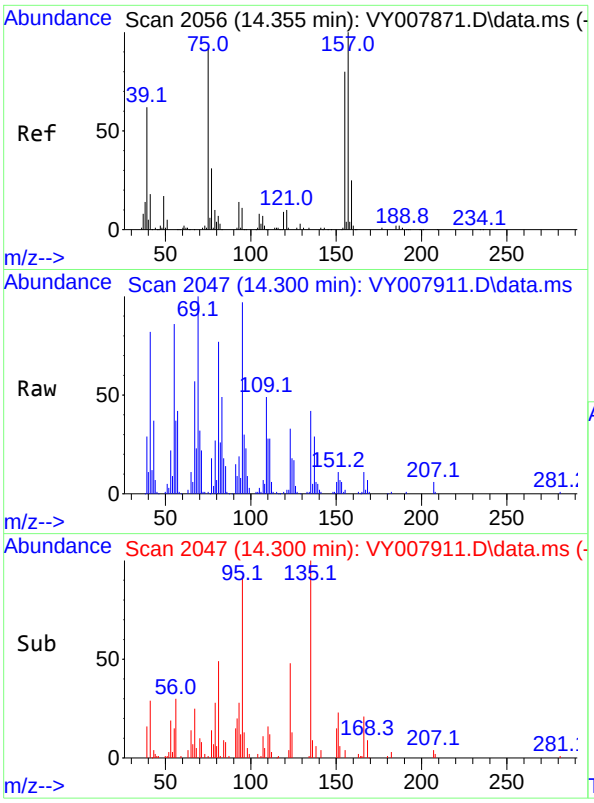


#89
n-Butylbenzene
Concen: 1.627 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.006 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion: 91 Resp: 1654

Ion	Ratio	Lower	Upper
91	100		
92	59.1	26.3	78.9
134	63.4	13.0	38.9#



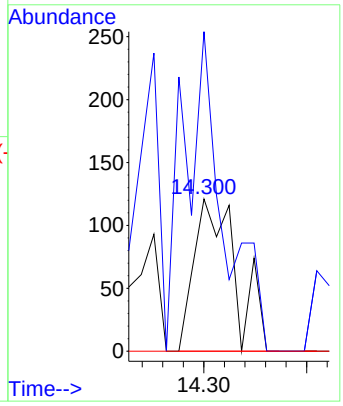


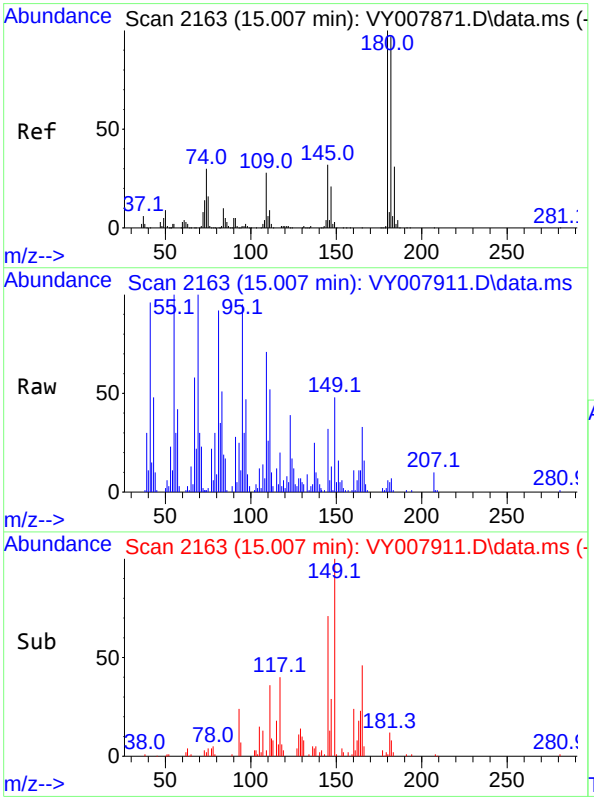
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.880 ug/l
RT: 14.300 min Scan# 2
Delta R.T. -0.055 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion: 75 Resp: 170

Ion	Ratio	Lower	Upper
75	100		
155	200.6	38.0	113.9#
157	0.0	47.8	143.3#

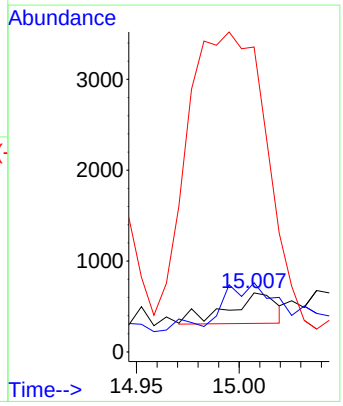


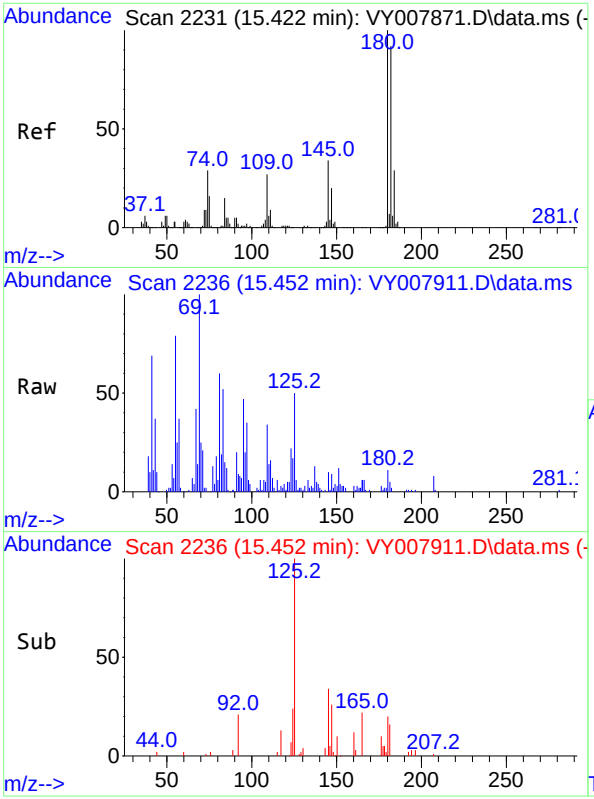


#93
1,2,4-Trichlorobenzene
Concen: 1.822 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Tgt Ion:180 Resp: 547

Ion	Ratio	Lower	Upper
180	100		
182	223.8	47.3	141.9#
145	1802.9	14.6	43.8#





#96
1,2,3-Trichlorobenzene
Concen: 5.536 ug/l
RT: 15.452 min Scan# 2
Delta R.T. 0.024 min
Lab File: VY007911.D
Acq: 18 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Tgt Ion:180 Resp: 1466

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.9#
145	0.0	15.3	45.9#