Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007896.D
Acq On : 18 Mar 2022 12:50
Operator : SY/MD
Sample : N1917-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Mar 19 00:11:46 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	38276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	60238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	43323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15670	35.906	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 71.820%			
35) Dibromofluoromethane	7.715	113	16823	39.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 79.540%			
50) Toluene-d8	10.178	98	67553	53.285	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.483	95	18983	31.266	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 62.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	100	Below Cal	#	43
3) Chloromethane	2.119	50	654	Below Cal		89
4) Vinyl Chloride	2.253	62	130	Below Cal	#	71
5) Bromomethane	2.661	94	1006	Below Cal	#	62
10) Methyl Iodide	4.106	142	792	1.890	ug/l #	73
13) Acrolein	3.722	56	185	6.041	ug/l #	33
15) Acrylonitrile	5.155	53	400	2.882	ug/l #	50
16) Acetone	3.954	43	449	3.878	ug/l #	88
17) Carbon Disulfide	4.204	76	20	Below Cal	#	75
18) Methyl Acetate	4.466	43	46	Below Cal	#	56
20) Methylene Chloride	4.716	84	1352	Below Cal	#	61
29) Tetrahydrofuran	7.337	42	307	2.584	ug/l #	38
31) Cyclohexane	7.789	56	1066	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	3353	5.344	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3746	5.587	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	9557	44.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9557	92.715	ug/l #	8
87) 1,3-Dichlorobenzene	13.367	146	778	1.304	ug/l	89
88) 1,4-Dichlorobenzene	13.452	146	857	1.433	ug/l	76
89) n-Butylbenzene	13.696	91	1227	1.068	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	583	1.086	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	14.367	75	65	1.313	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.007	180	721	2.125	ug/l	82
94) Hexachlorobutadiene	15.117	225	415	2.293	ug/l	93
95) Naphthalene	15.238	128	2468	3.260	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.427	180	904	3.021	ug/l	91

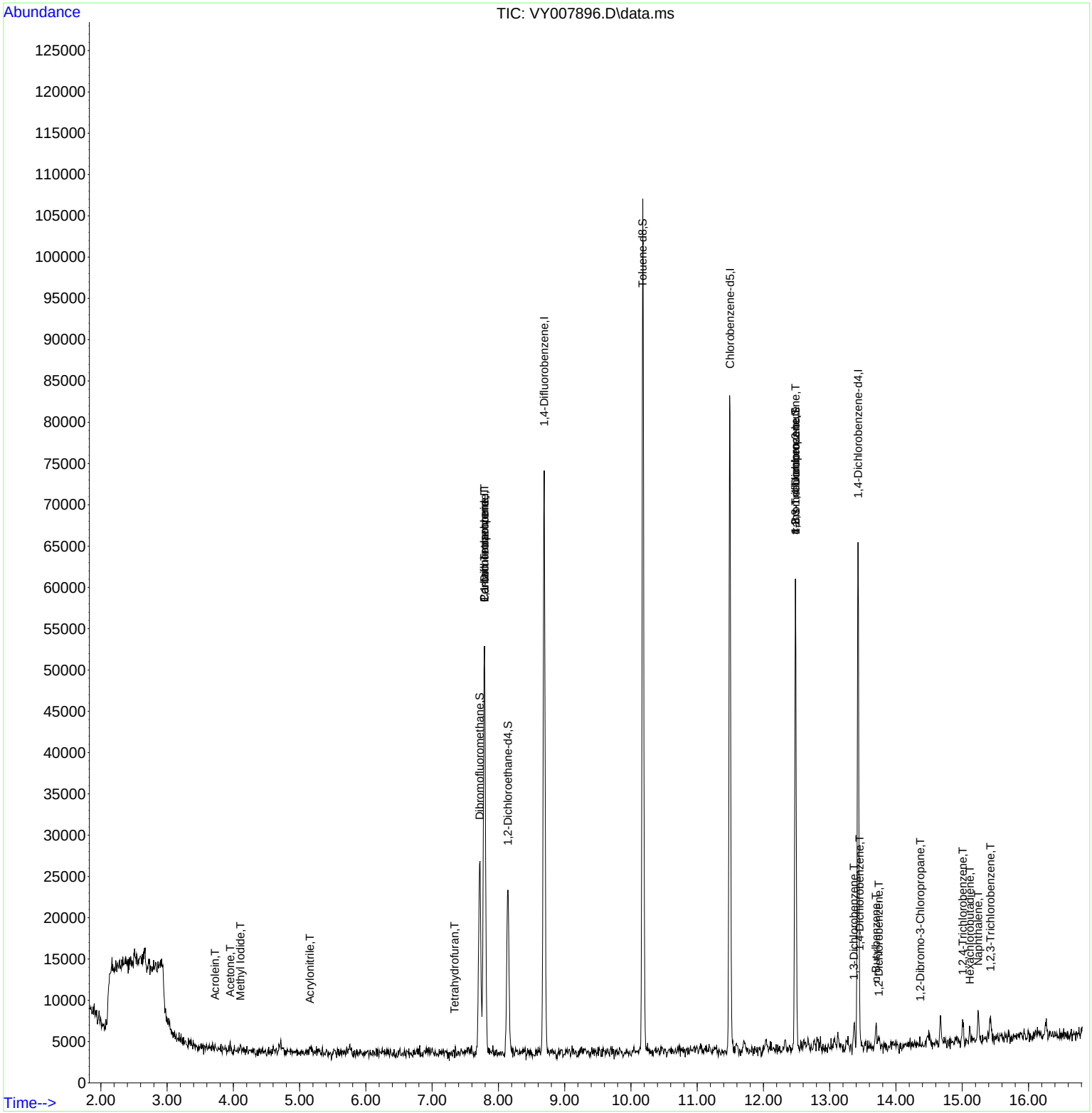
(#) = qualifier out of range (m) = manual integration (+) = signals summed

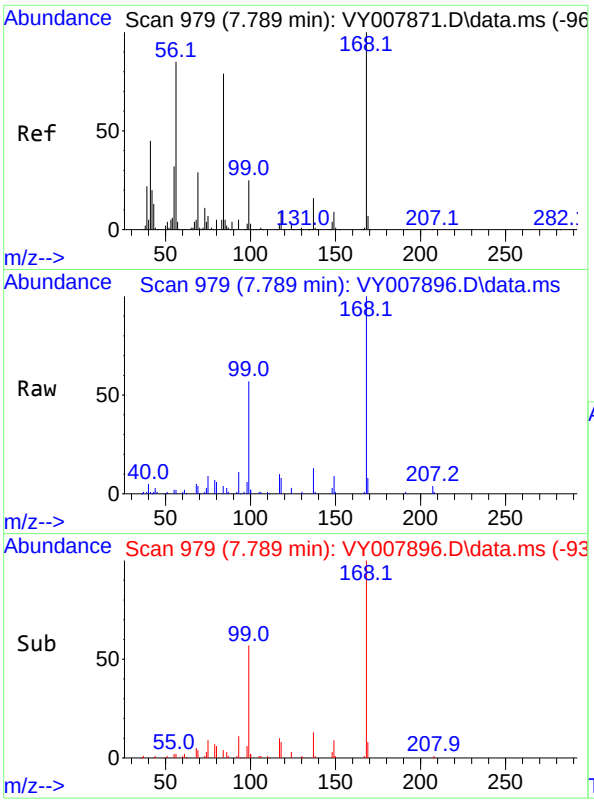
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007896.D
Acq On : 18 Mar 2022 12:50
Operator : SY/MD
Sample : N1917-02
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Mar 19 00:11:46 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



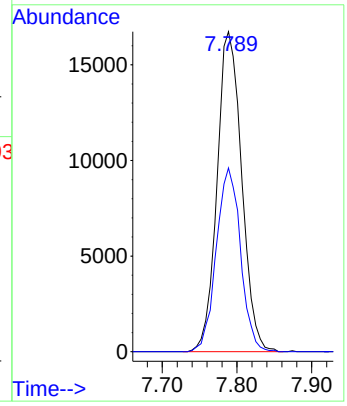


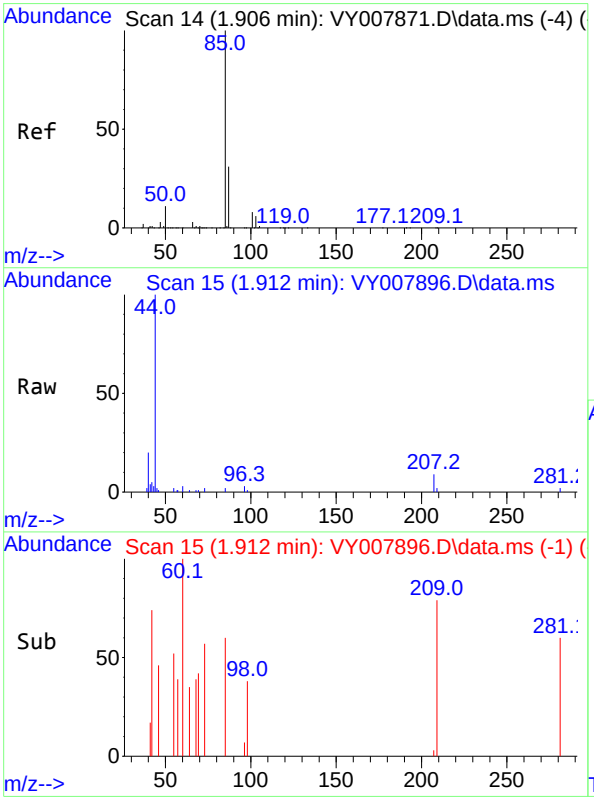
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 38276

Ion	Ratio	Lower	Upper
168	100		
99	57.4	46.9	70.3

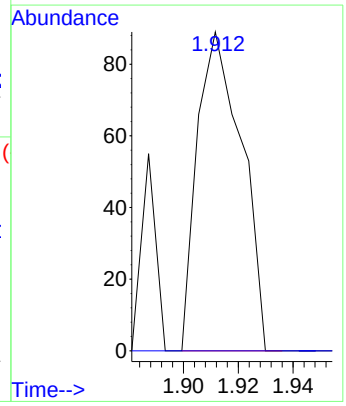


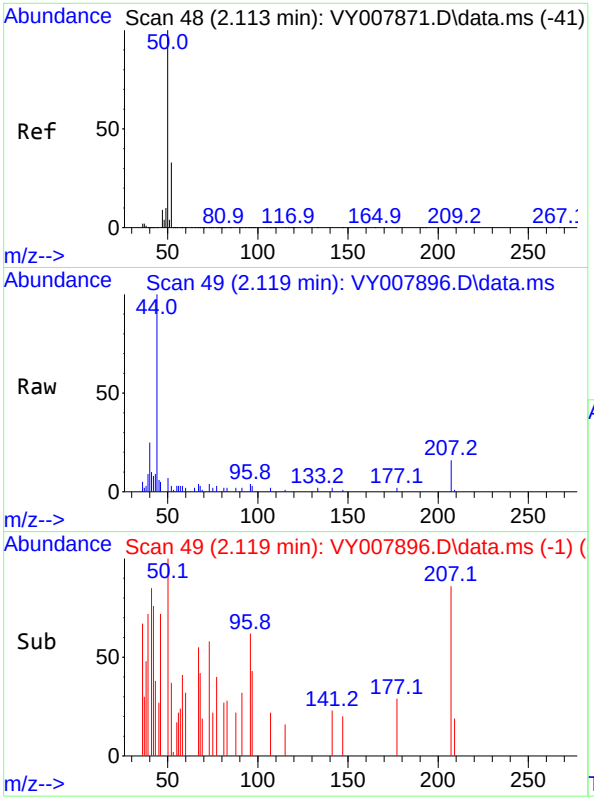


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 85 Resp: 100

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



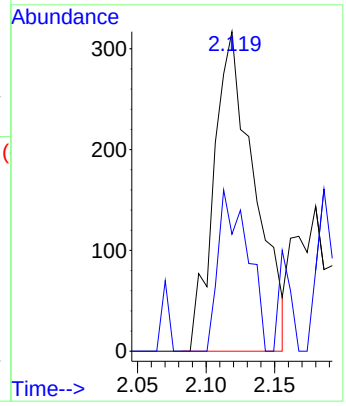


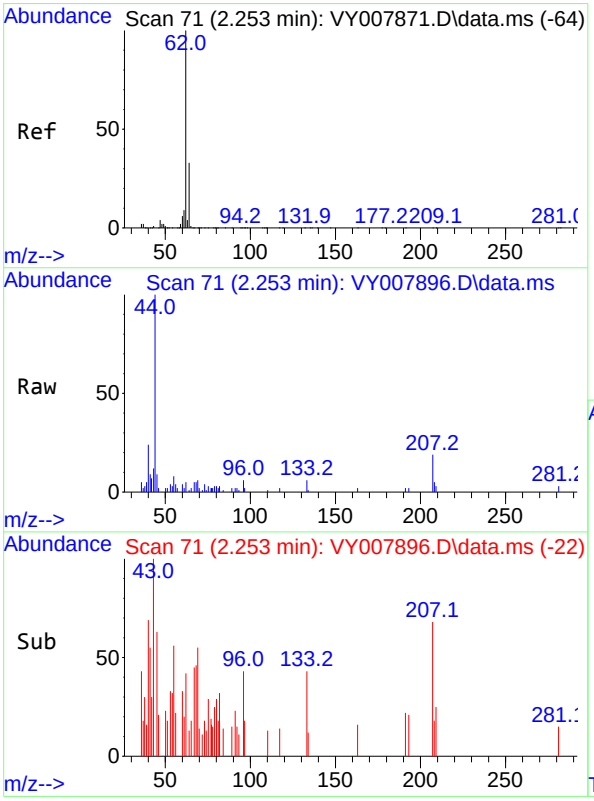
#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 50 Resp: 654

Ion	Ratio	Lower	Upper
50	100		
52	36.6	24.6	37.0

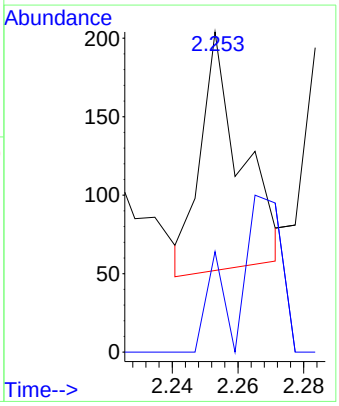


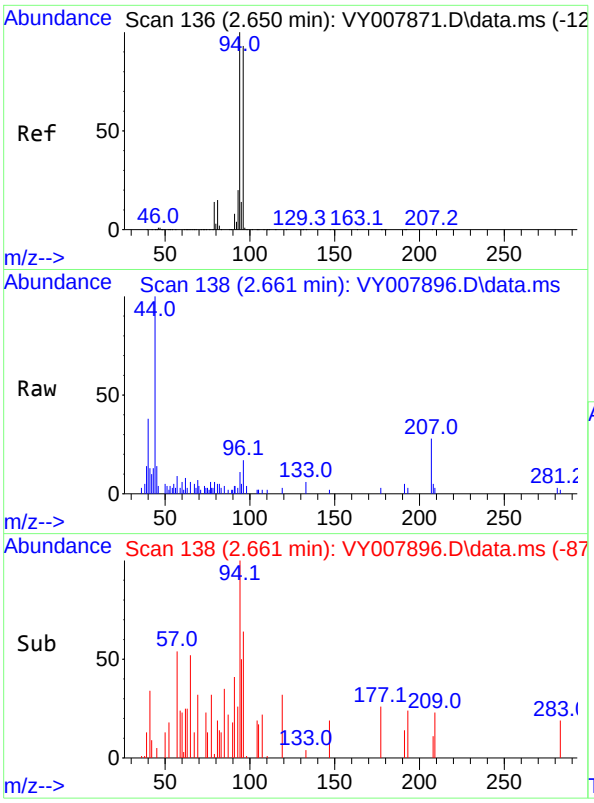


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 62 Resp: 130

Ion	Ratio	Lower	Upper
62	100		
64	47.1	25.0	37.6#



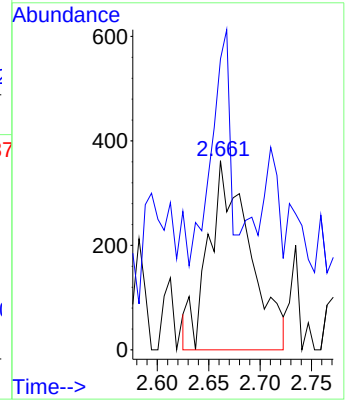


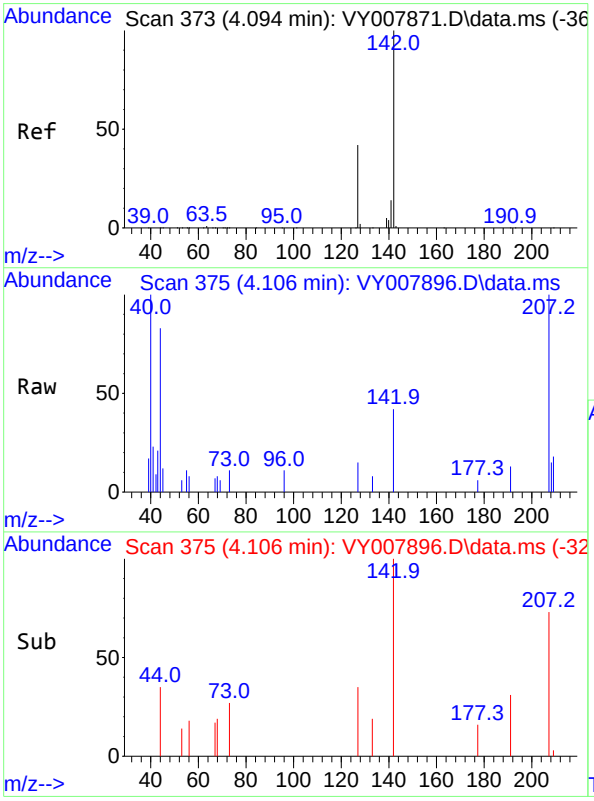
#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 94 Resp: 1006

Ion	Ratio	Lower	Upper
94	100		
96	127.8	73.5	110.3#

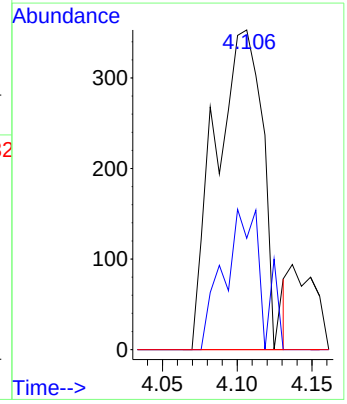


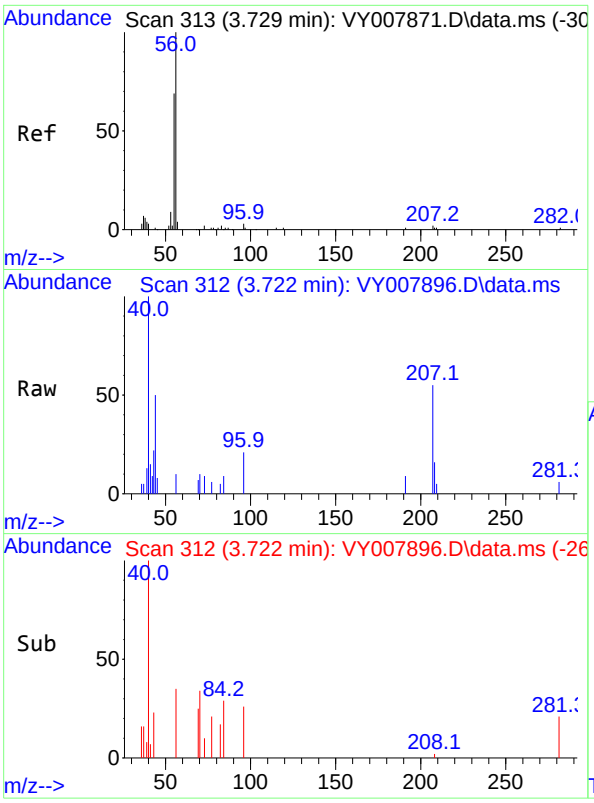


#10
Methyl Iodide
Concen: 1.890 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:142 Resp: 792

Ion	Ratio	Lower	Upper
142	100		
127	34.7	41.5	62.3#
141	0.0	11.9	17.9#



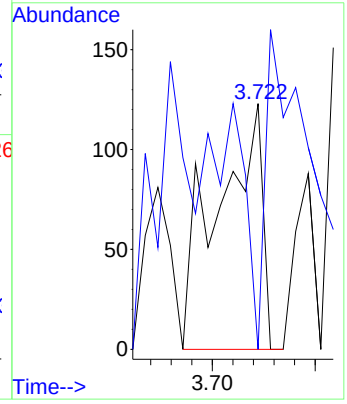


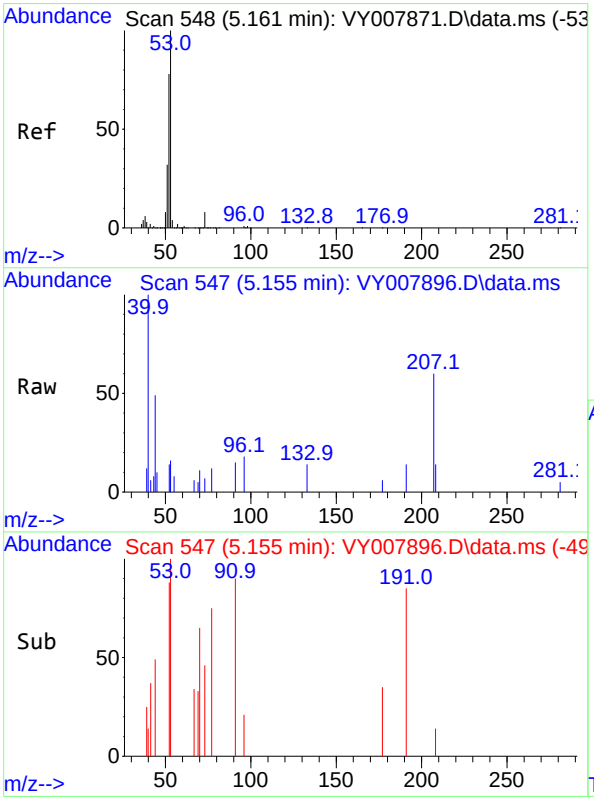
#13
Acrolein
Concen: 6.041 ug/l
RT: 3.722 min Scan# 3
Delta R.T. -0.007 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 56 Resp: 185

Ion	Ratio	Lower	Upper
56	100		
55	127.6	57.6	86.4#

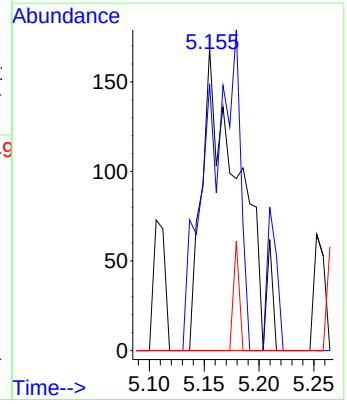


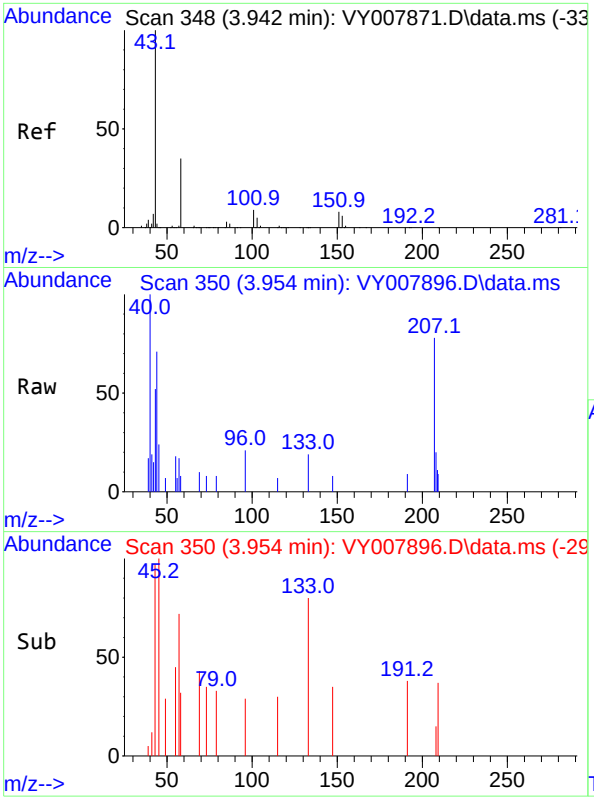


#15
Acrylonitrile
Concen: 2.882 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.007 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 53 Resp: 400

Ion	Ratio	Lower	Upper
53	100		
52	43.0	67.0	100.4#
51	0.0	29.8	44.6#



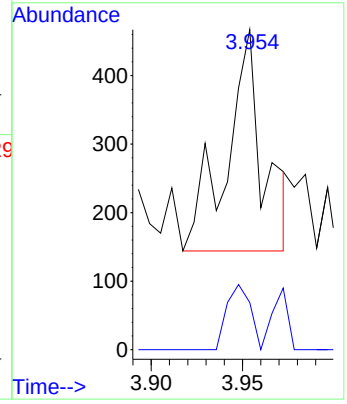


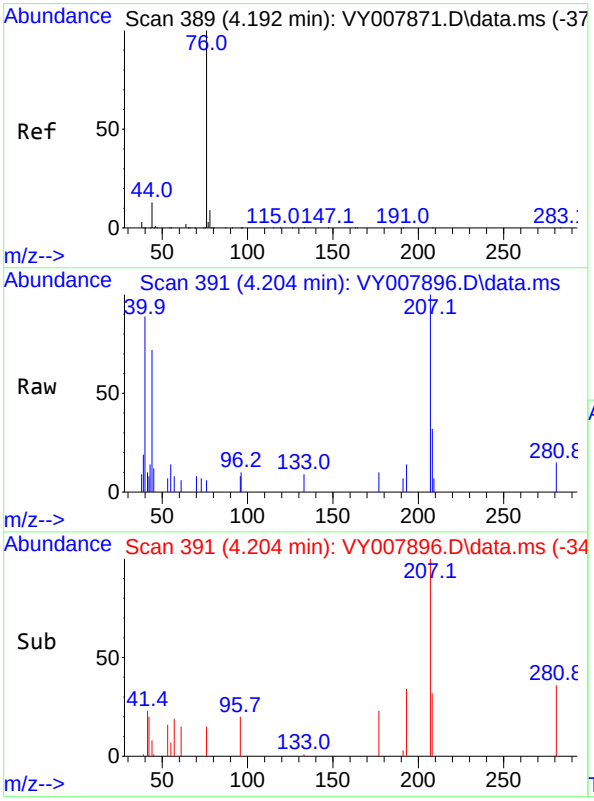
#16
Acetone
Concen: 3.878 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 449

Ion	Ratio	Lower	Upper
43	100		
58	21.4	22.0	33.0#

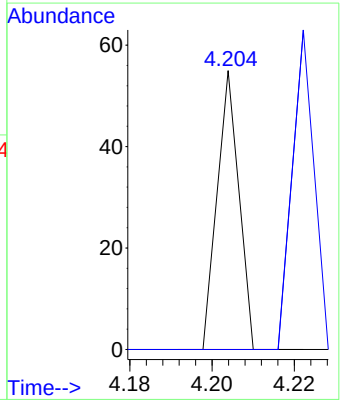


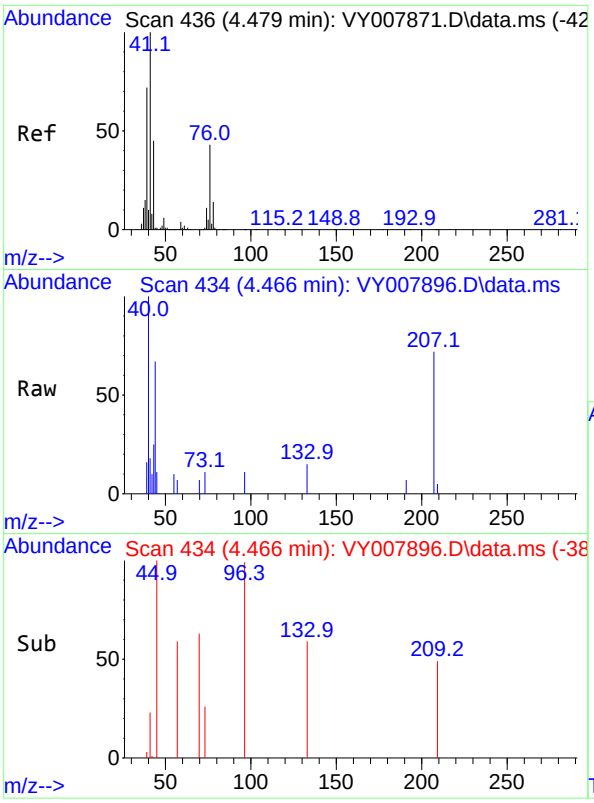


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 76 Resp: 20

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



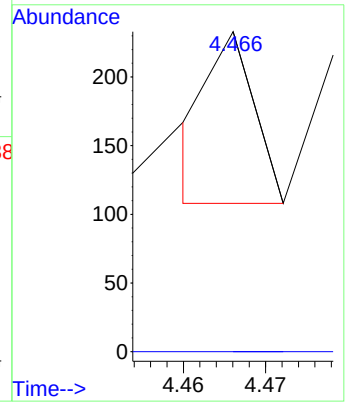


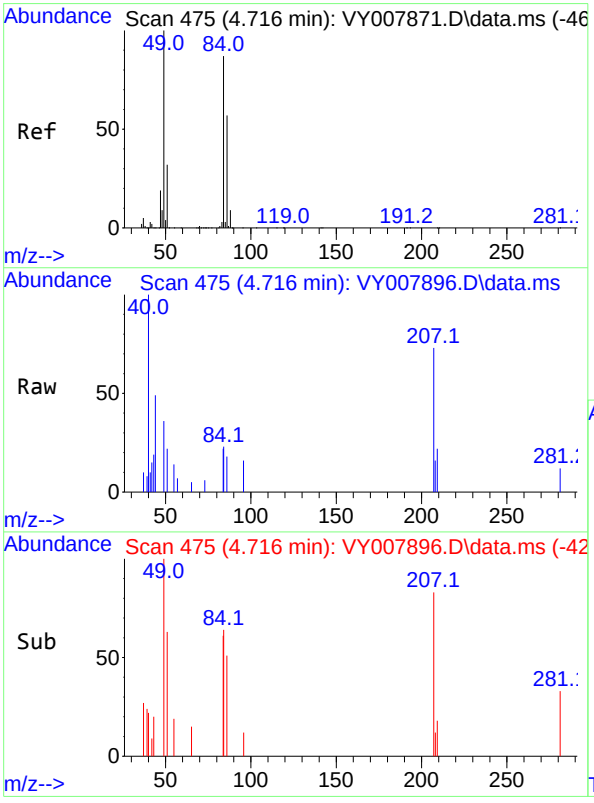
#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 4
Delta R.T. -0.007 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 46

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#

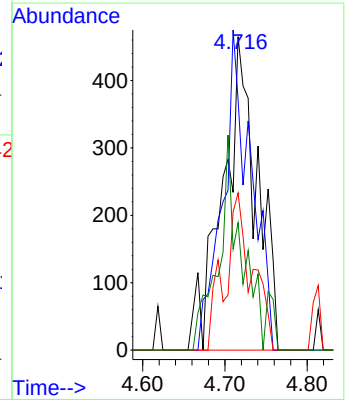


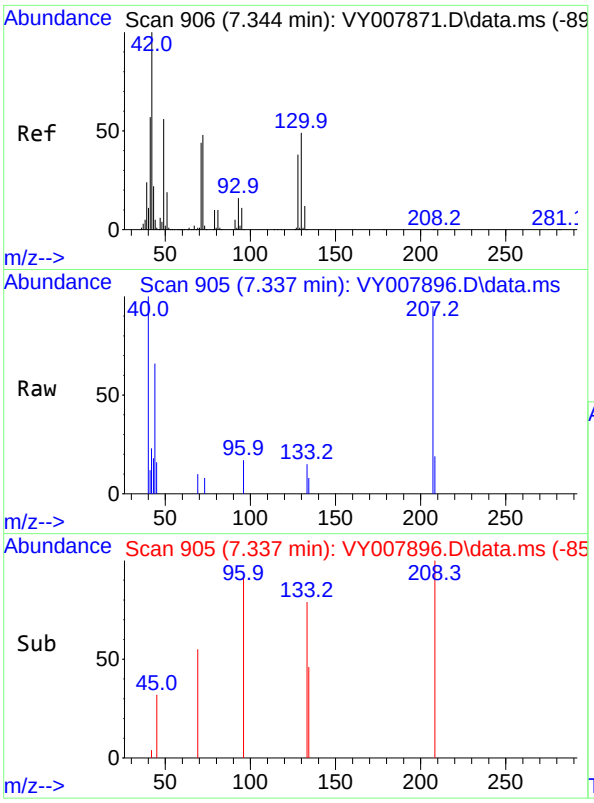


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 84 Resp: 1352

Ion	Ratio	Lower	Upper
84	100		
49	80.0	114.4	171.6#
51	50.1	35.3	52.9
86	40.6	53.7	80.5#



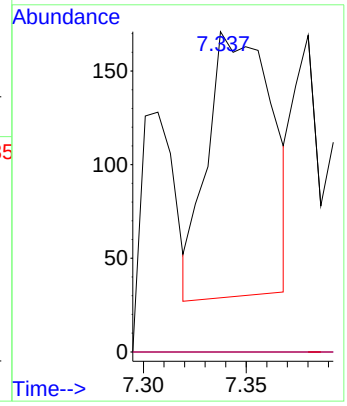


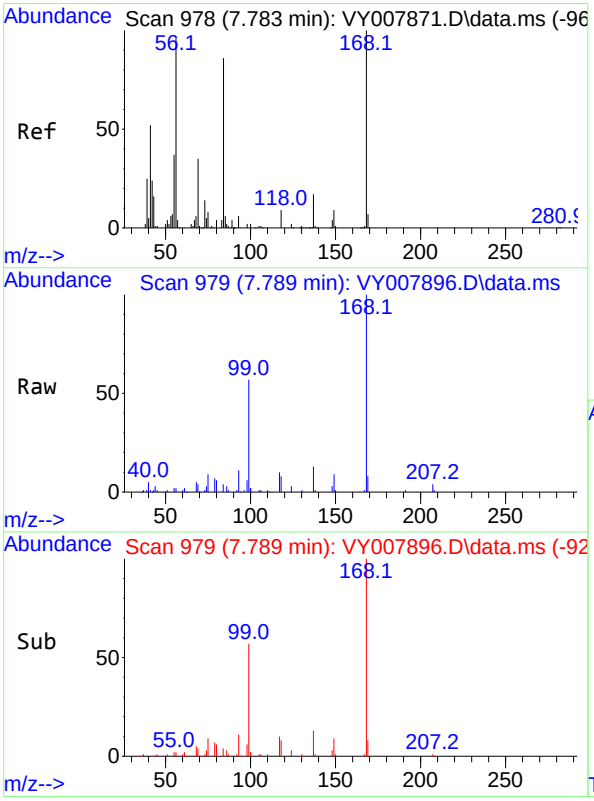
#29
Tetrahydrofuran
Concen: 2.584 ug/l
RT: 7.337 min Scan# 9
Delta R.T. -0.007 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 42 Resp: 307

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

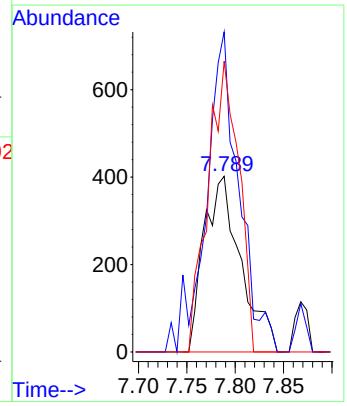


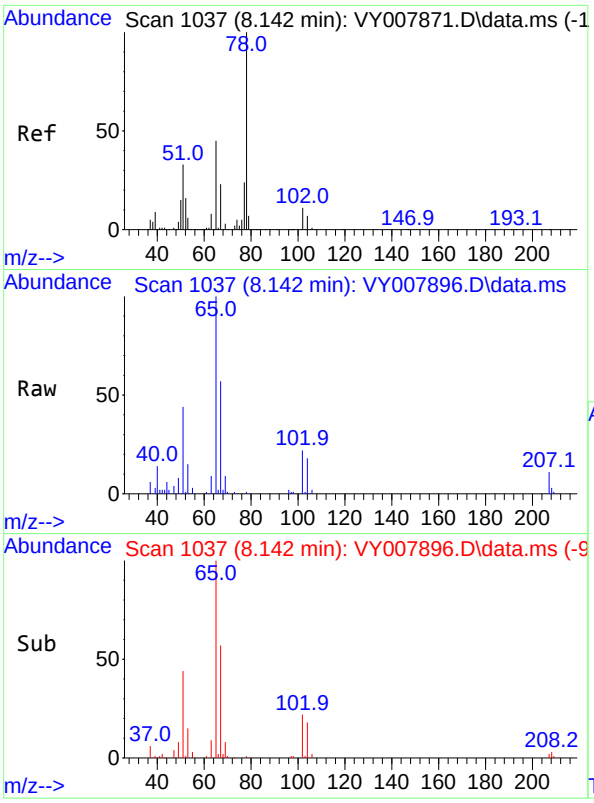


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 56 Resp: 1066

Ion	Ratio	Lower	Upper
56	100		
69	182.1	26.7	40.1#
84	165.4	67.2	100.8#



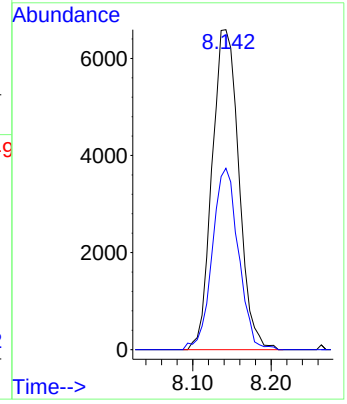


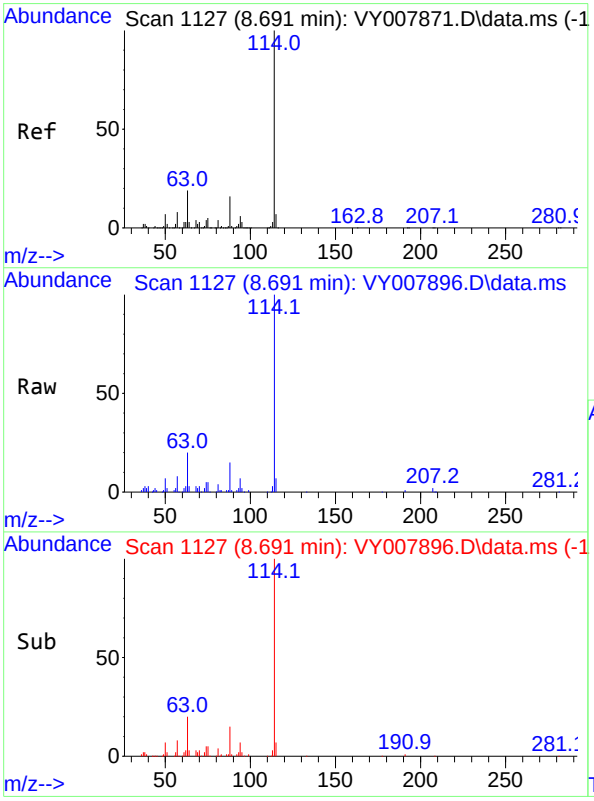
#33
1,2-Dichloroethane-d4
Concen: 35.906 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 65 Resp: 15670

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	99.4

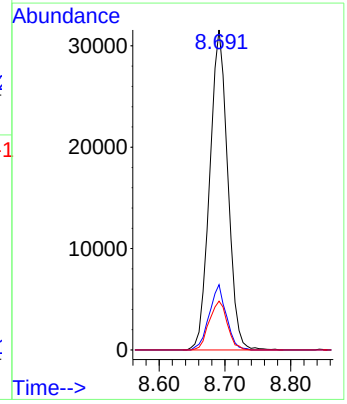


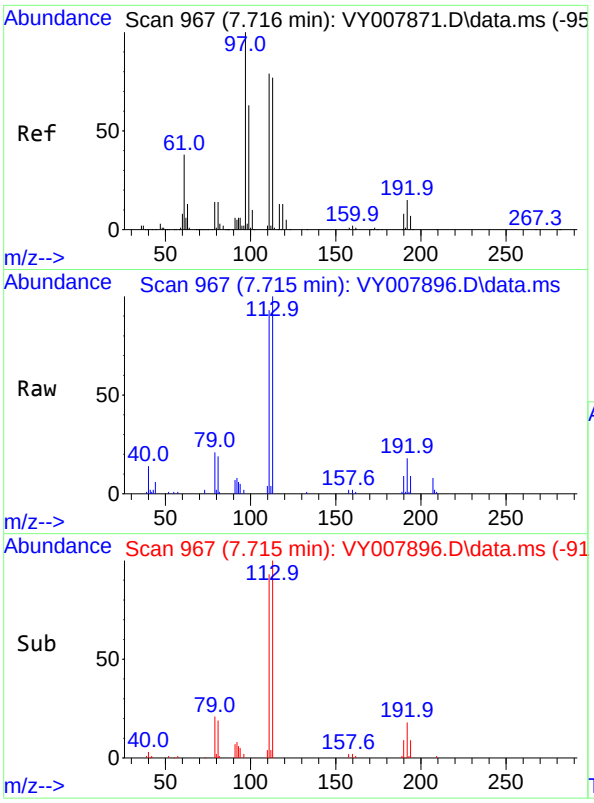


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:114 Resp: 60238

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.2
88	15.3	0.0	31.8



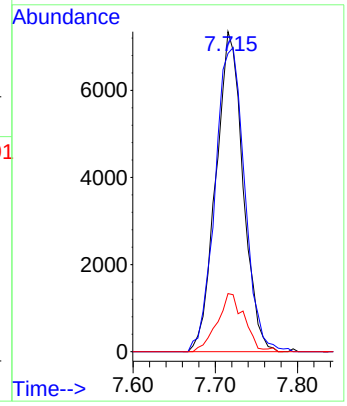


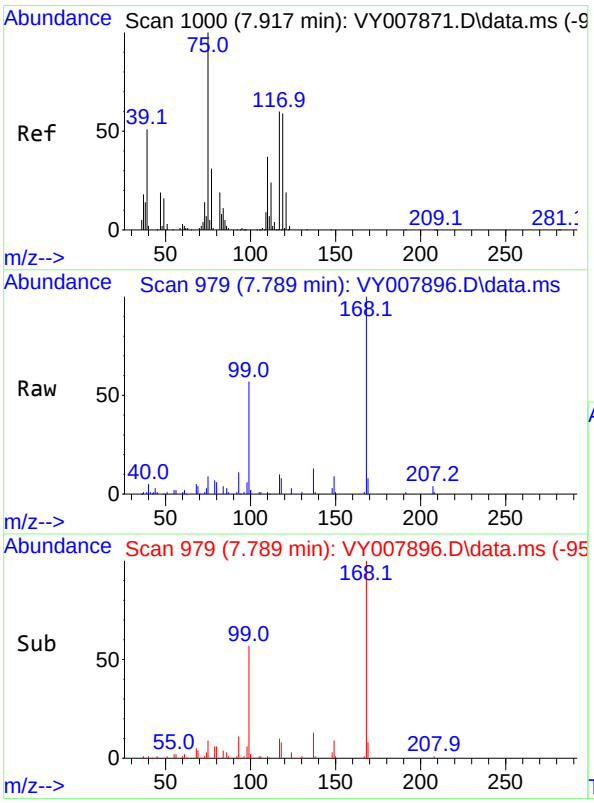
#35
Dibromofluoromethane
Concen: 39.766 ug/l
RT: 7.715 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:113 Resp: 16823

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	18.2	17.6	26.4

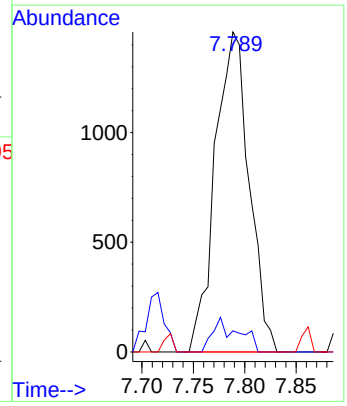


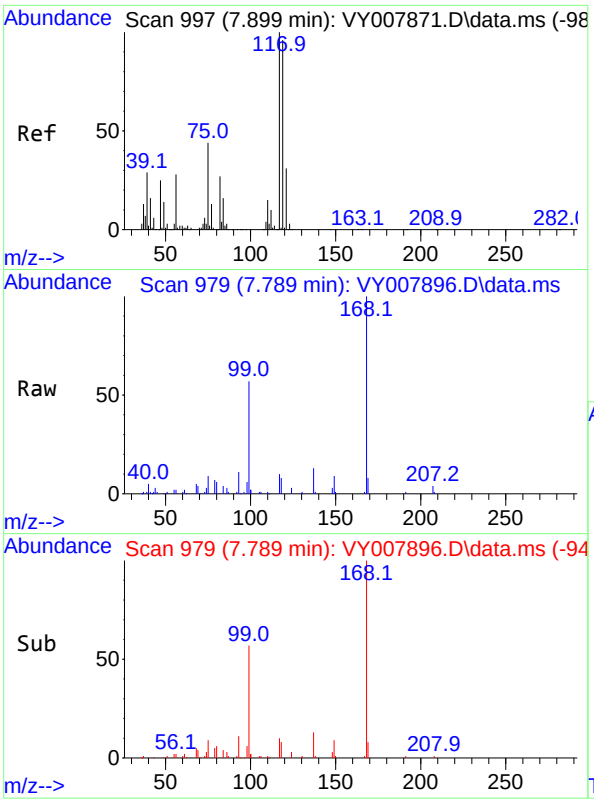


#36
1,1-Dichloropropene
Concen: 5.344 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 75 Resp: 3353

Ion	Ratio	Lower	Upper
75	100		
110	6.1	17.1	51.2#
77	0.0	24.4	36.6#



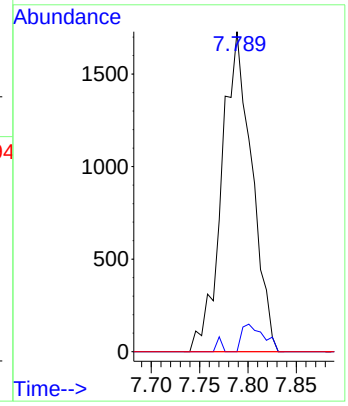


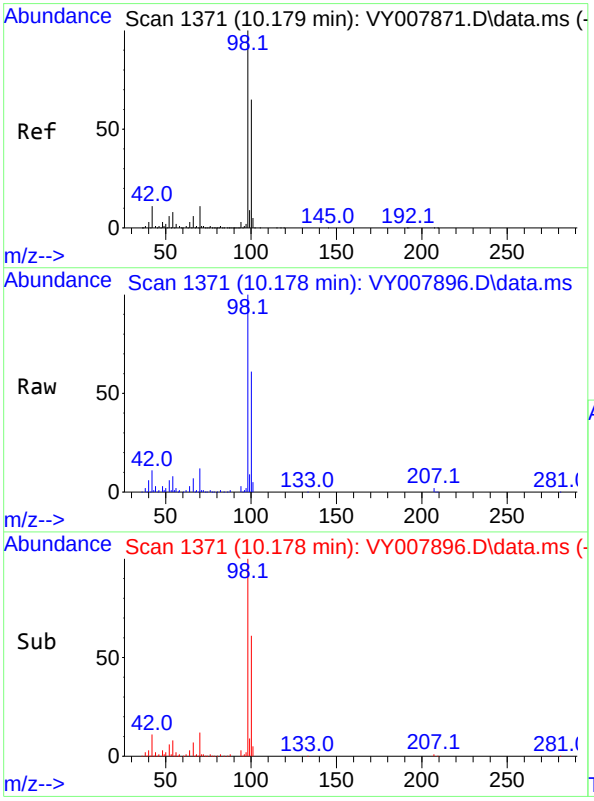
#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 3746

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

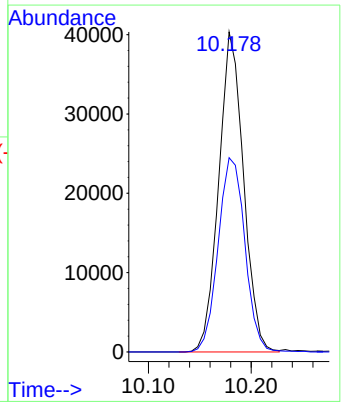


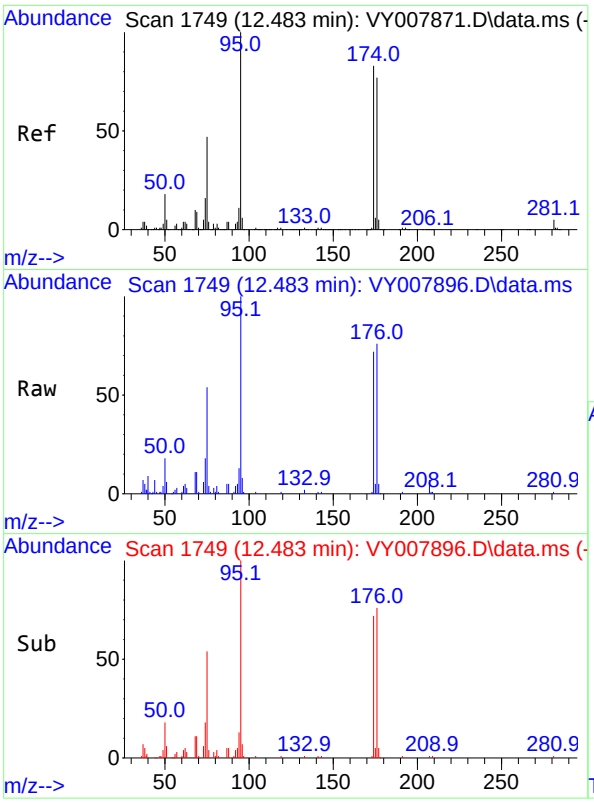


#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 98 Resp: 67553

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.2	75.2



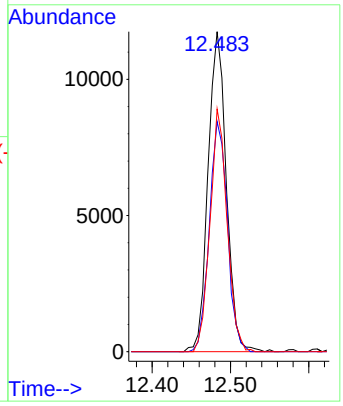


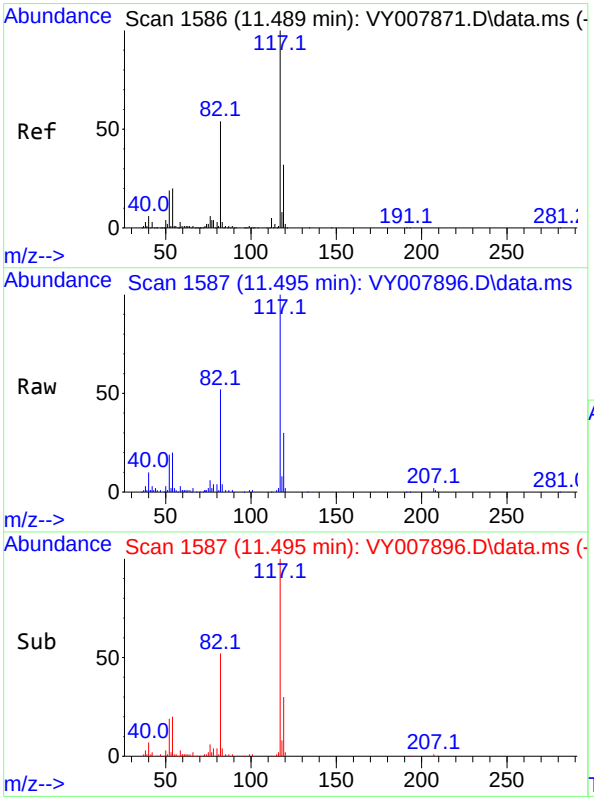
#62
4-Bromofluorobenzene
Concen: 31.266 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 95 Resp: 18983

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	177.0
176	71.3	0.0	175.8

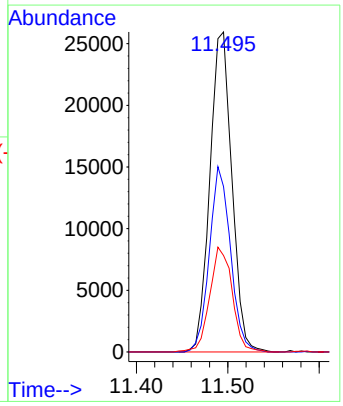


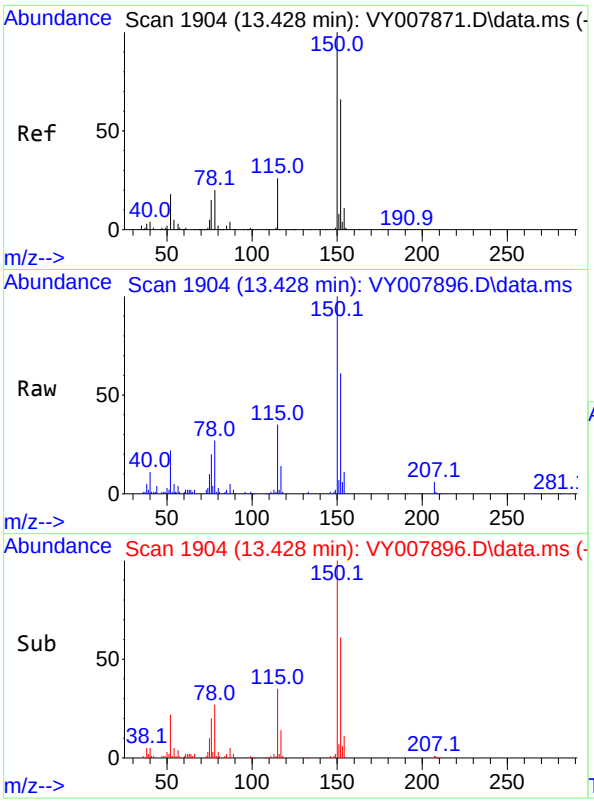


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:117 Resp: 43323

Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.0	64.4
119	30.1	25.4	38.0



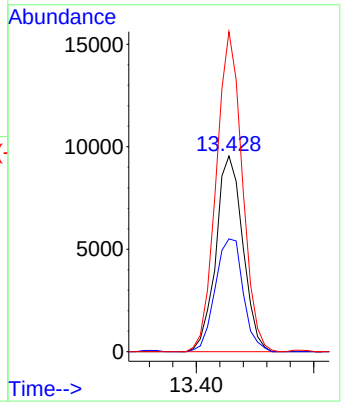


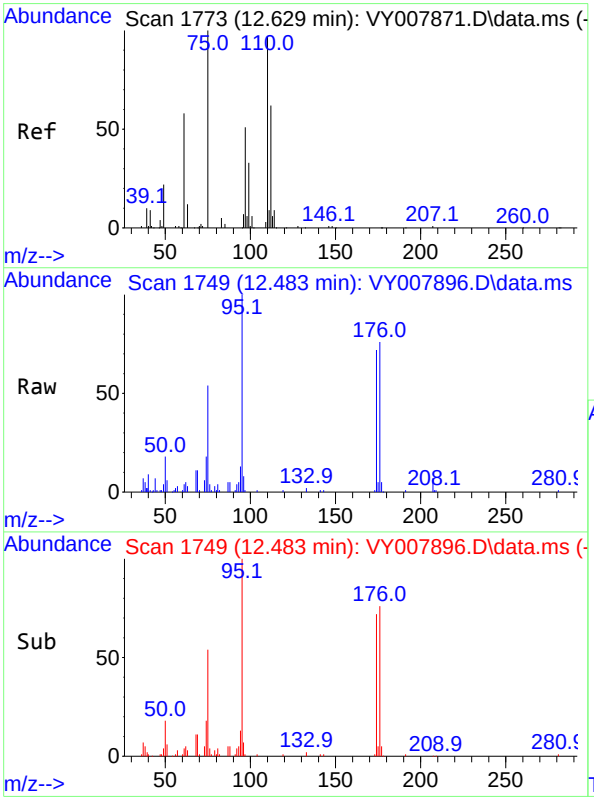
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:152 Resp: 15190

Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	158.4	0.0	347.6

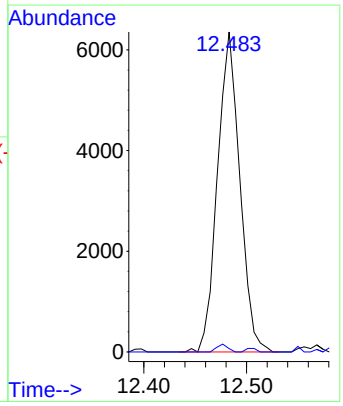


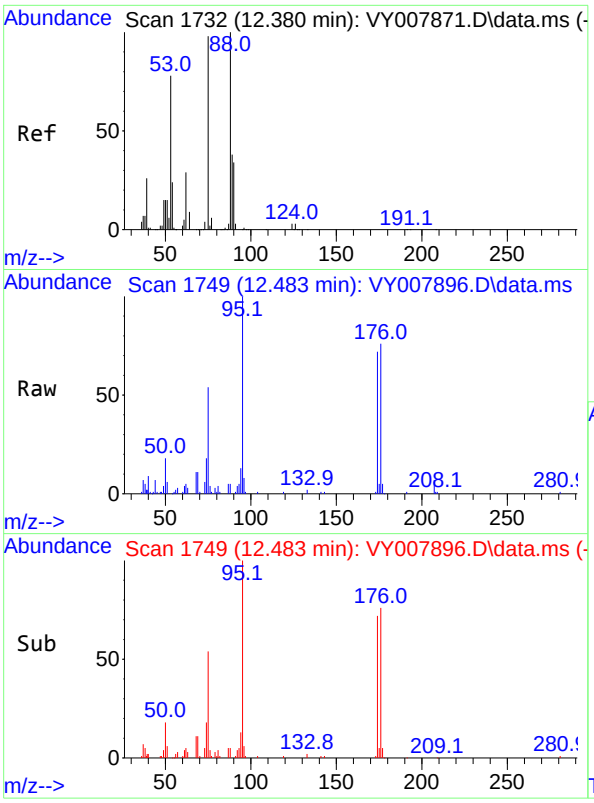


#76
1,2,3-Trichloropropane
Concen: 44.141 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 75 Resp: 9557

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



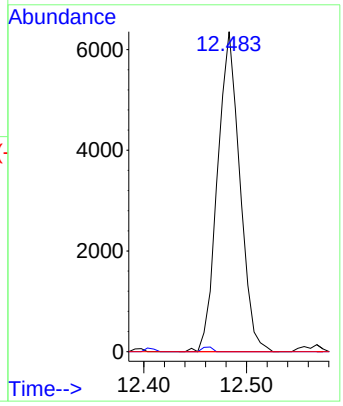


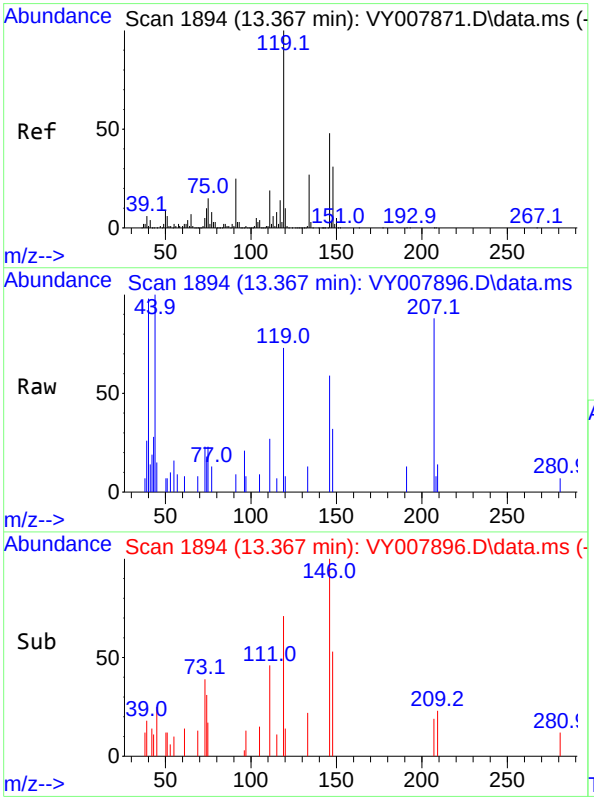
#81
trans-1,4-Dichloro-2-butene
Concen: 92.715 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 9557

Ion	Ratio	Lower	Upper
75	100		
53	0.7	85.3	127.9#
89	0.0	37.0	55.4#

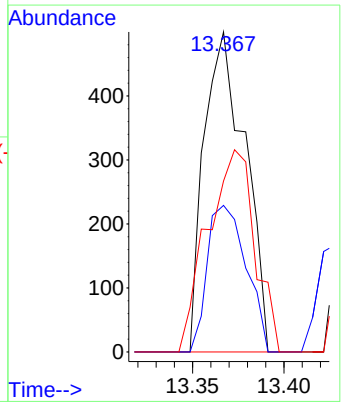


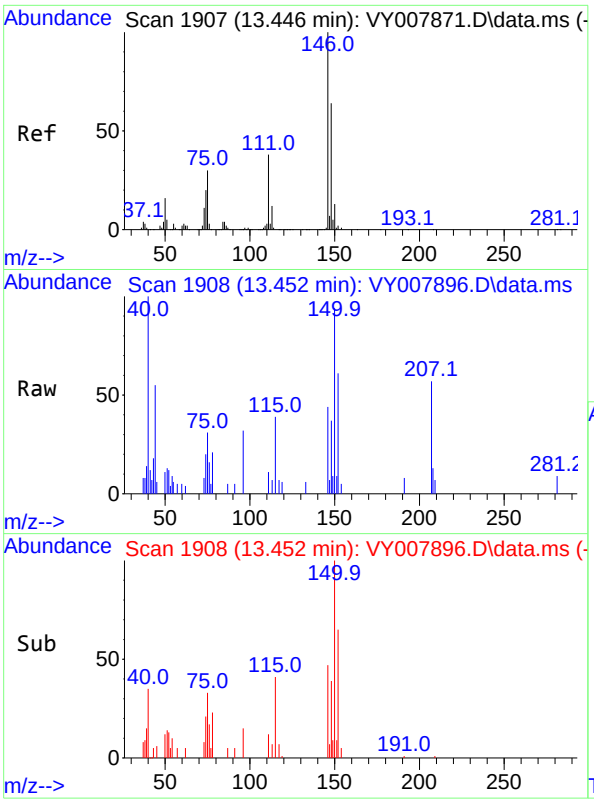


#87
1,3-Dichlorobenzene
Concen: 1.304 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:146 Resp: 778

Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.5	58.5
148	73.1	31.6	95.0



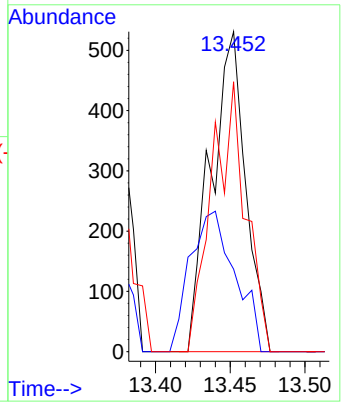


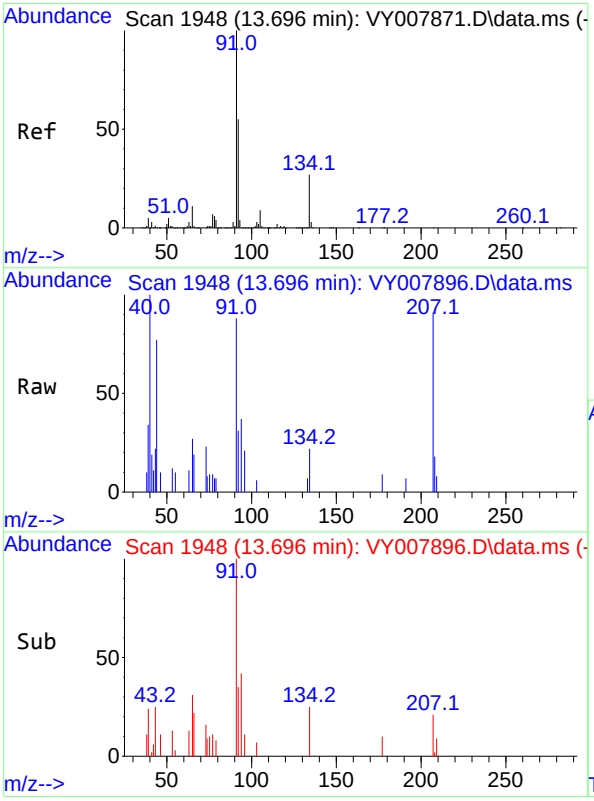
#88
1,4-Dichlorobenzene
Concen: 1.433 ug/l
RT: 13.452 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:146 Resp: 857

Ion	Ratio	Lower	Upper
146	100		
111	56.7	19.3	57.8
148	81.9	32.6	97.8

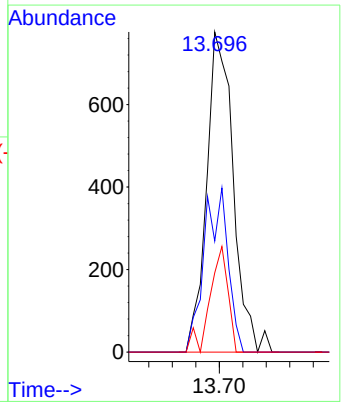


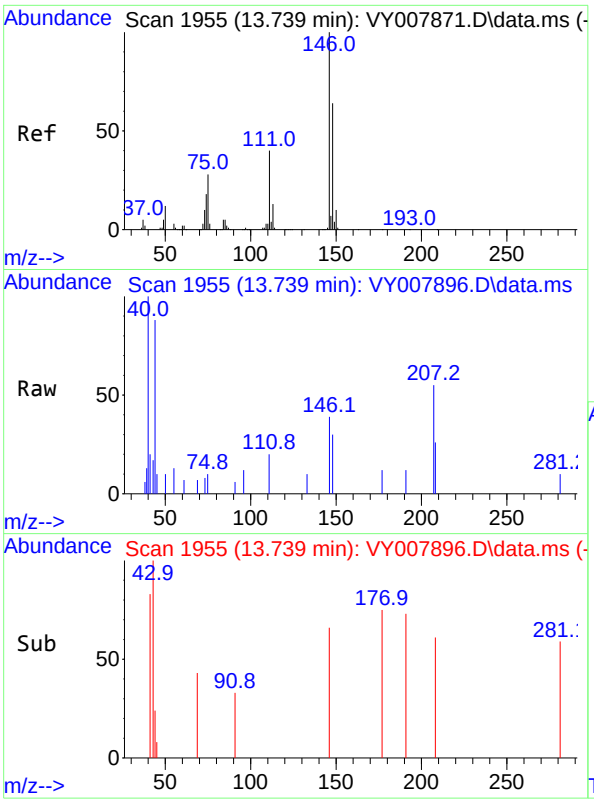


#89
n-Butylbenzene
Concen: 1.068 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 91 Resp: 1227

Ion	Ratio	Lower	Upper
91	100		
92	45.4	26.3	78.9
134	22.2	13.0	38.9



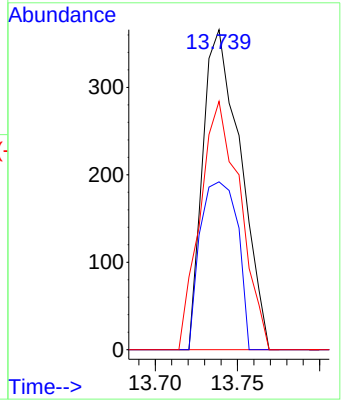


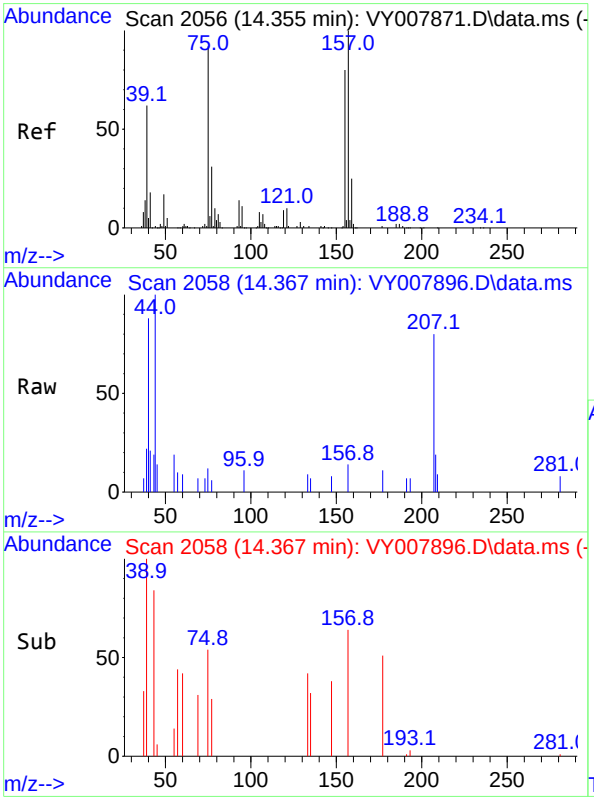
#91
1,2-Dichlorobenzene
Concen: 1.086 ug/l
RT: 13.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:146 Resp: 583

Ion	Ratio	Lower	Upper
146	100		
111	52.1	20.3	60.9
148	82.3	32.3	96.9

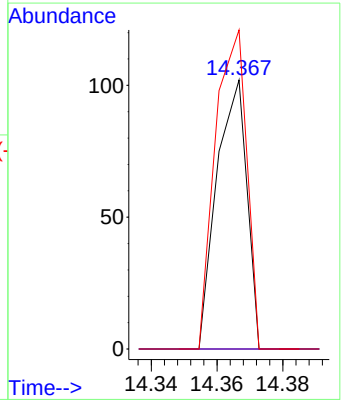


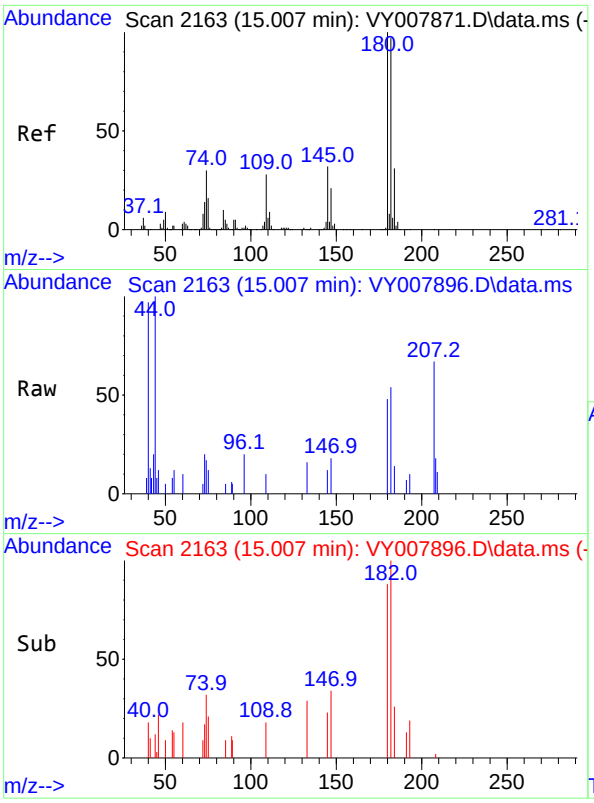


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.313 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.012 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.0	113.9#
157	123.1	47.8	143.3



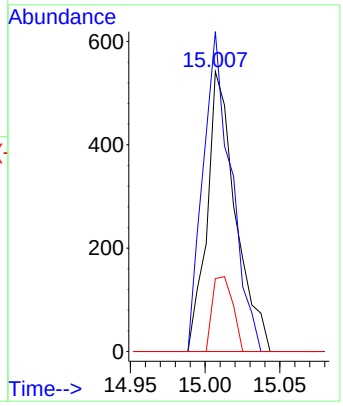


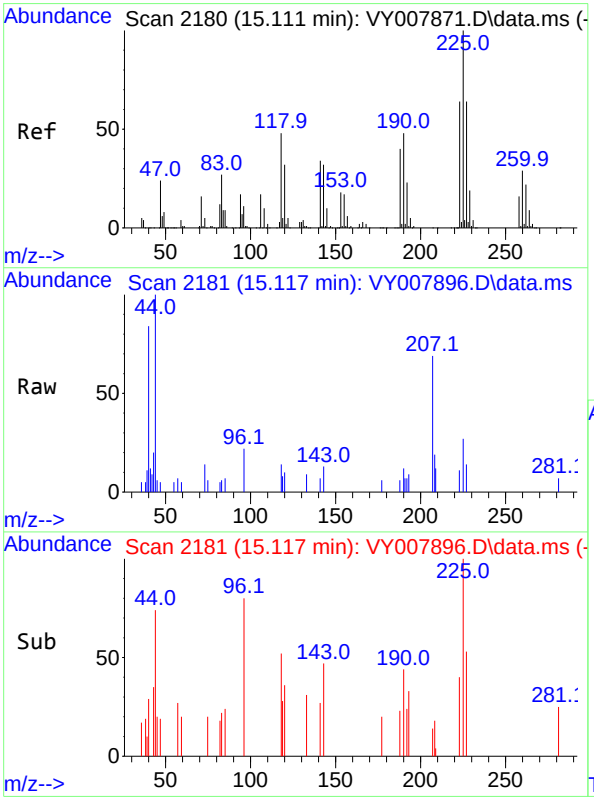
#93
1,2,4-Trichlorobenzene
Concen: 2.125 ug/l
RT: 15.007 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:180 Resp: 721

Ion	Ratio	Lower	Upper
180	100		
182	111.8	47.3	141.9
145	19.0	14.6	43.8

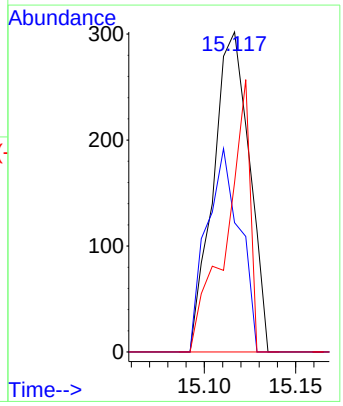


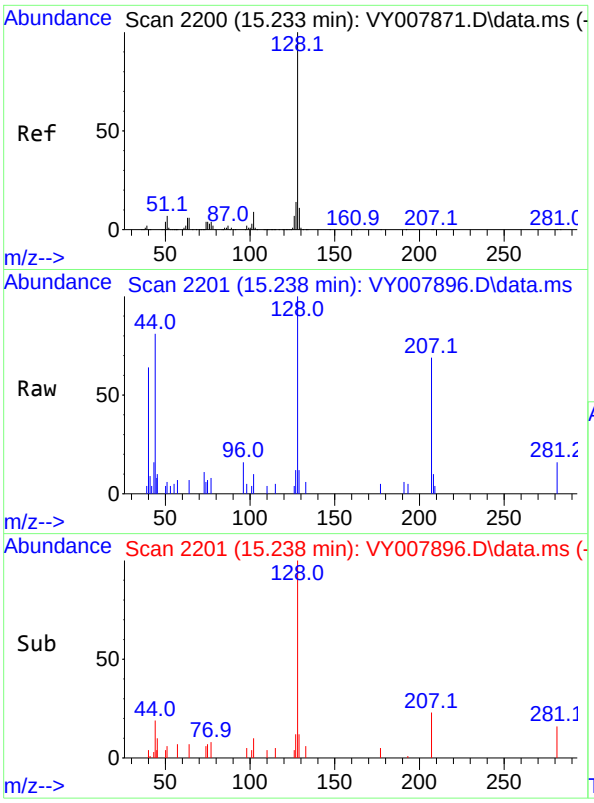


#94
Hexachlorobutadiene
Concen: 2.293 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:225 Resp: 415

Ion	Ratio	Lower	Upper
225	100		
223	58.3	30.8	92.3
227	55.7	31.6	94.7



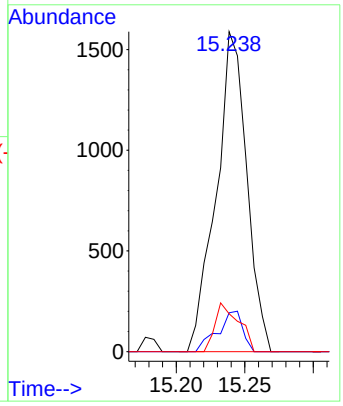


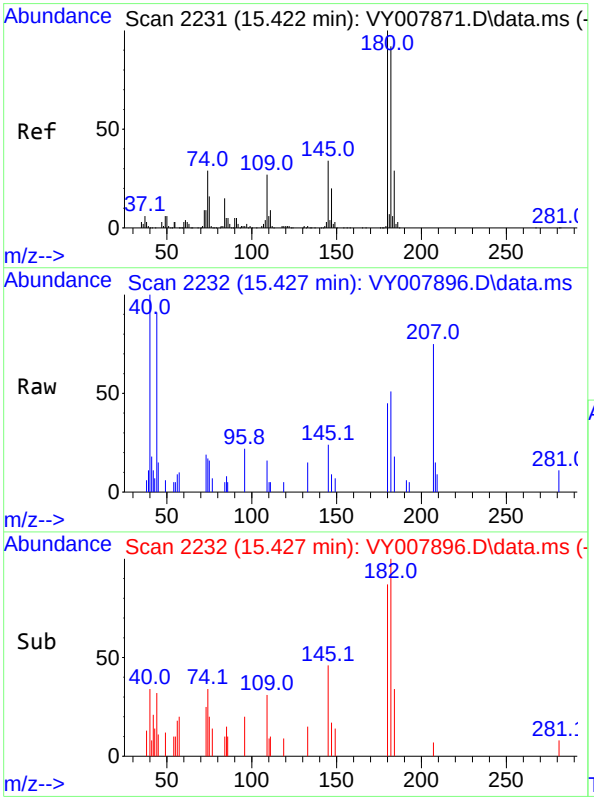
#95
Naphthalene
Concen: 3.260 ug/l
RT: 15.238 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:128 Resp: 2468

Ion	Ratio	Lower	Upper
128	100		
127	10.4	11.0	16.4#
129	11.8	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 3.021 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:180 Resp: 904

Ion	Ratio	Lower	Upper
180	100		
182	100.9	47.3	141.9
145	39.0	15.3	45.9