Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008003.D
Acq On : 22 Mar 2022 16:18
Operator : SY/MD
Sample : N2030-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Quant Time: Mar 23 05:08:22 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	9602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	18477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16702	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	7402	67.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.220%			
35) Dibromofluoromethane	7.716	113	5556	42.817	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 85.640%			
50) Toluene-d8	10.179	98	22031	57.061	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.120%			
62) 4-Bromofluorobenzene	12.483	95	8205	44.058	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.120%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	78	Below Cal	#	43
5) Bromomethane	2.668	94	206	Below Cal	#	14
10) Methyl Iodide	4.107	142	278	2.645	ug/l #	35
13) Acrolein	3.662	56	67	8.722	ug/l #	14
15) Acrylonitrile	4.924	53	42	1.206	ug/l #	17
16) Acetone	3.930	43	297	10.226	ug/l #	47
18) Methyl Acetate	4.479	43	77	Below Cal	#	56
20) Methylene Chloride	4.741	84	22	Below Cal	#	1
25) 2-Butanone	6.996	43	97	2.085	ug/l #	54
29) Tetrahydrofuran	7.338	42	68	2.281	ug/l #	38
31) Cyclohexane	7.789	56	309	Below Cal	#	63
36) 1,1-Dichloropropene	7.783	75	971	5.045	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1181	5.742	ug/l #	11
39) Methylcyclohexane	9.173	83	96	Below Cal	#	38
49) 1,4-Dioxane	9.374	88	27	22.378	ug/l #	1
51) 4-Methyl-2-Pentanone	10.081	43	256	2.146	ug/l #	40
55) 1,1,2-Trichloroethane	10.514	97	191	1.543	ug/l #	37
59) 2-Hexanone	10.825	43	195	2.286	ug/l #	28
74) N-amyl acetate	12.124	43	695	4.008	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.575	83	222	1.755	ug/l #	55
76) 1,2,3-Trichloropropane	12.477	75	4309	45.277	ug/l #	100
77) Bromobenzene	12.508	156	195	1.452	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	4309	95.100	ug/l #	9
89) n-Butylbenzene	13.696	91	691	1.368	ug/l #	53
92) 1,2-Dibromo-3-Chloropr...	14.269	75	44	2.022	ug/l #	6
95) Naphthalene	15.239	128	534	1.605	ug/l #	74

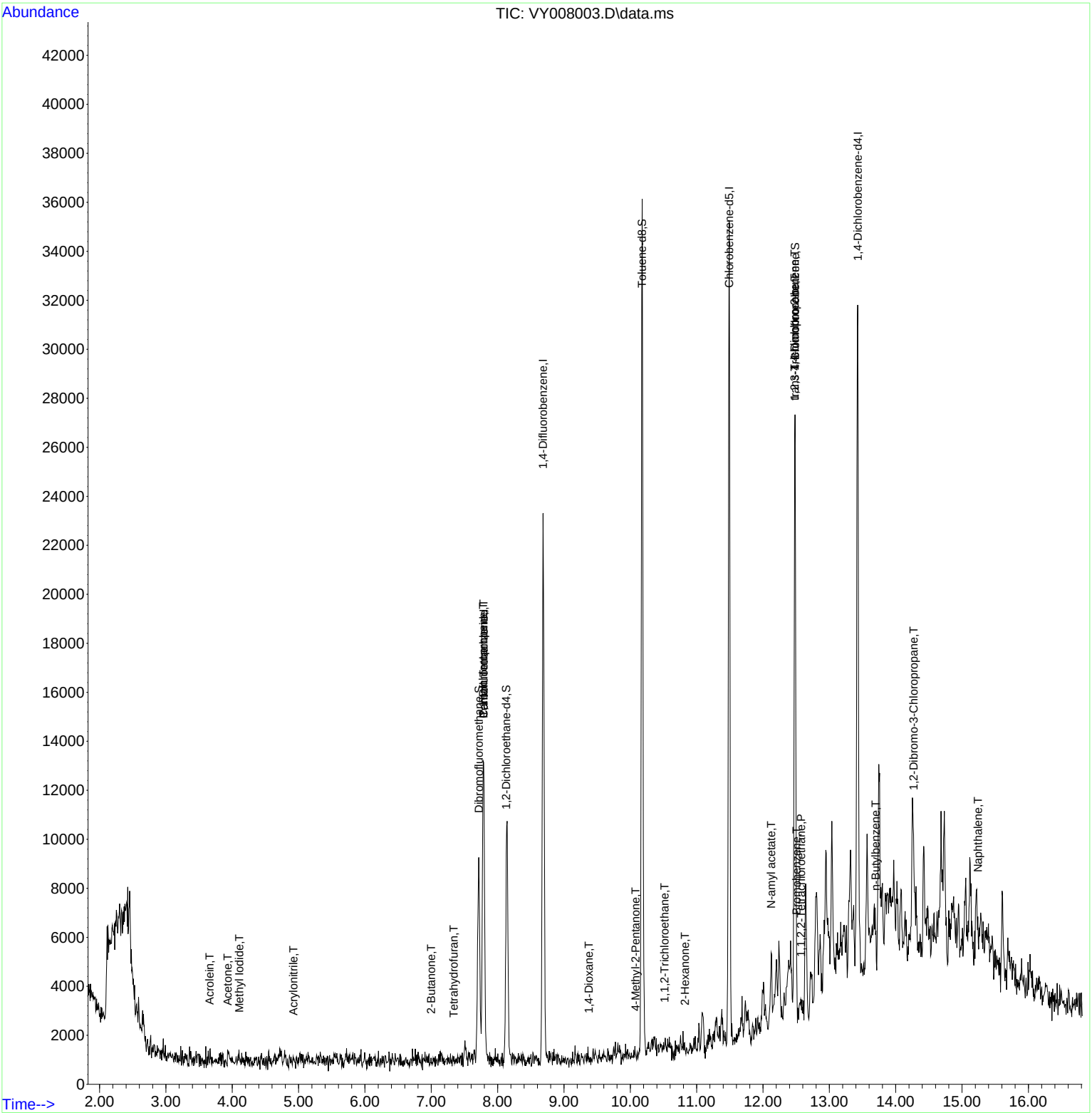
(#) = qualifier out of range (m) = manual integration (+) = signals summed

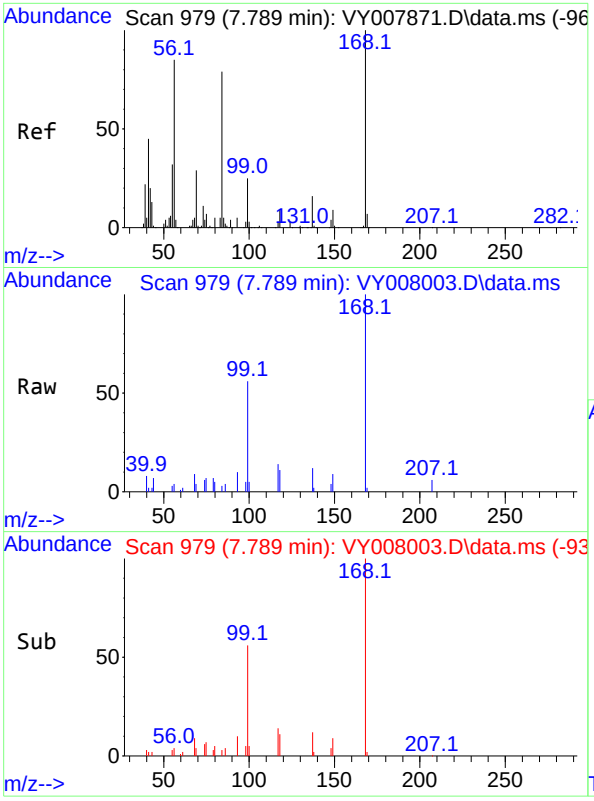
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY008003.D
Acq On : 22 Mar 2022 16:18
Operator : SY/MD
Sample : N2030-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Quant Time: Mar 23 05:08:22 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



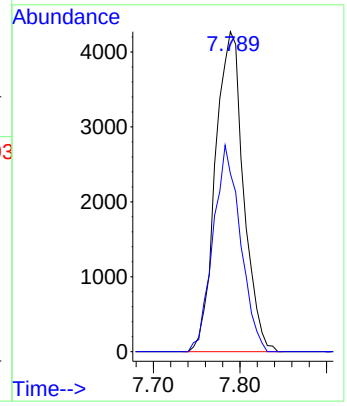


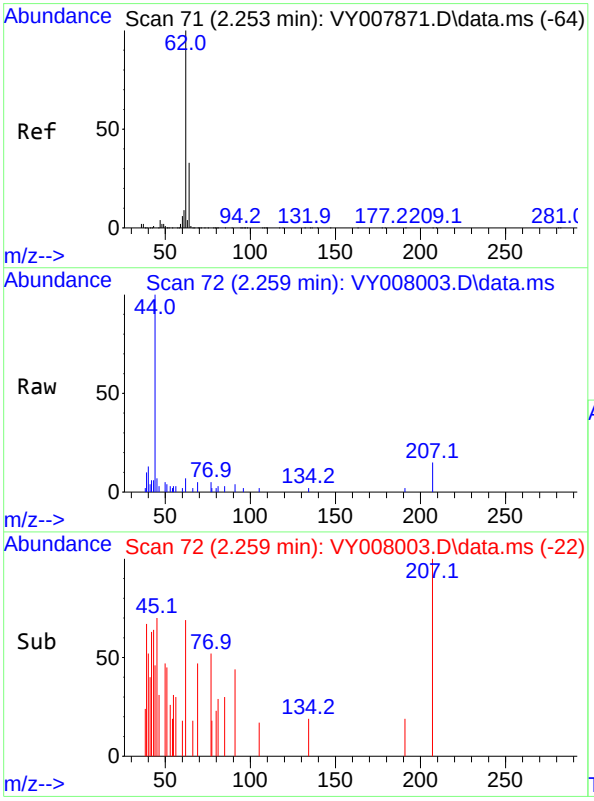
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion:168 Resp: 9602

Ion	Ratio	Lower	Upper
168	100		
99	55.6	46.9	70.3

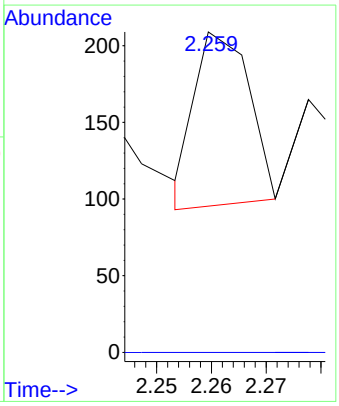


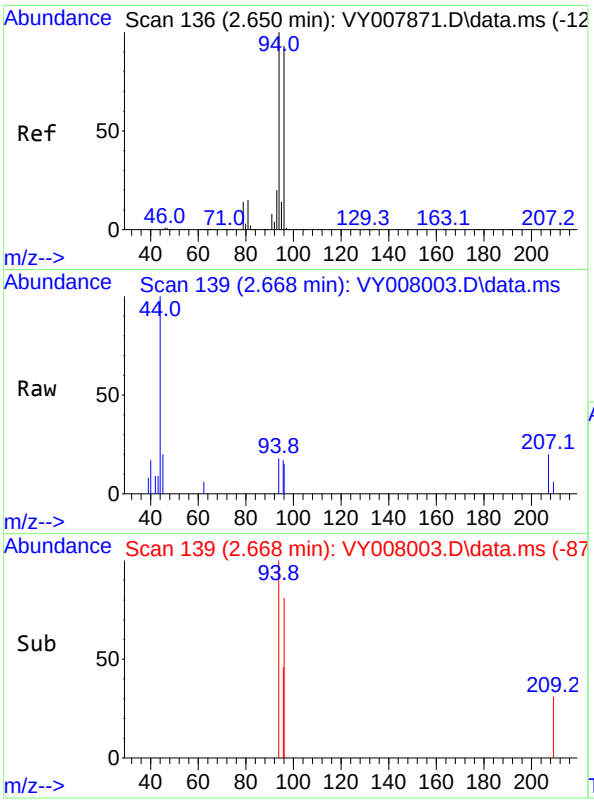


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 62 Resp: 78

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



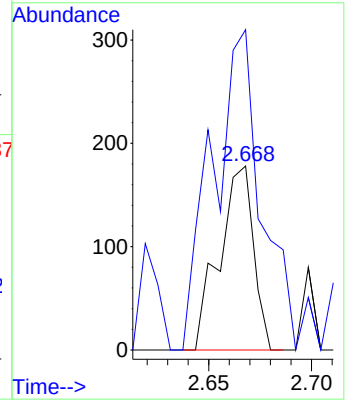


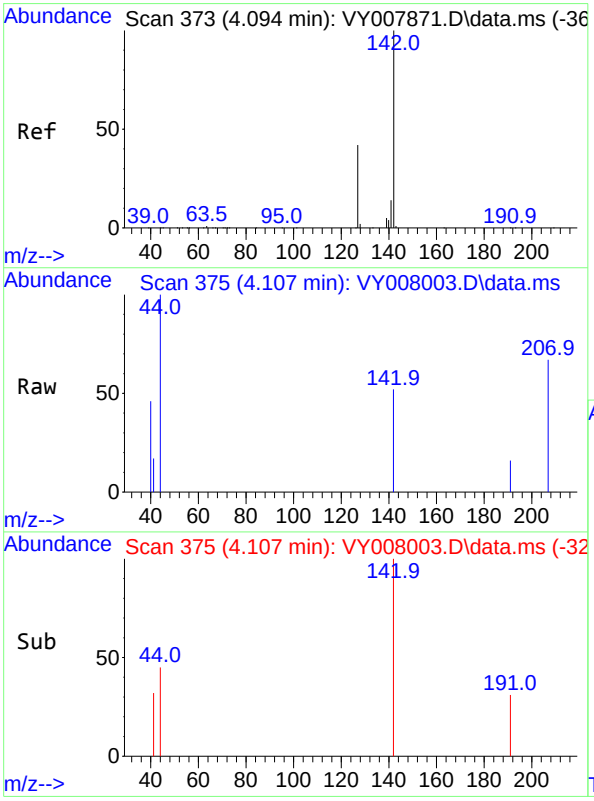
#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 94 Resp: 206

Ion	Ratio	Lower	Upper
94	100		
96	174.2	73.5	110.3#

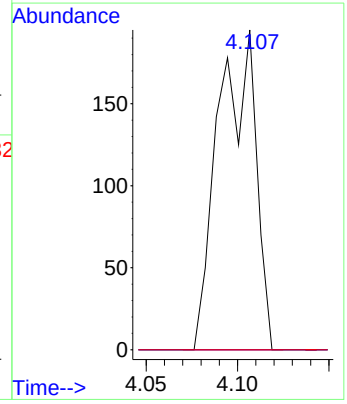


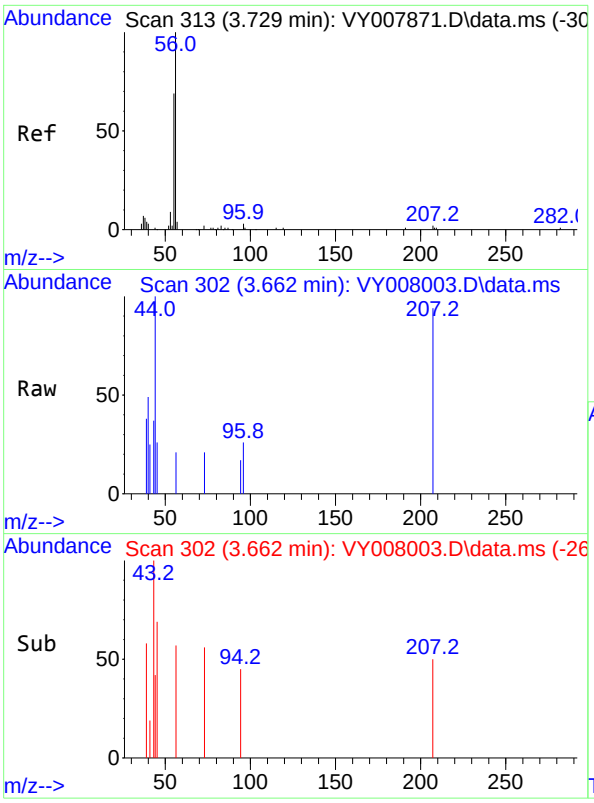


#10
Methyl Iodide
Concen: 2.645 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:142 Resp: 278

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



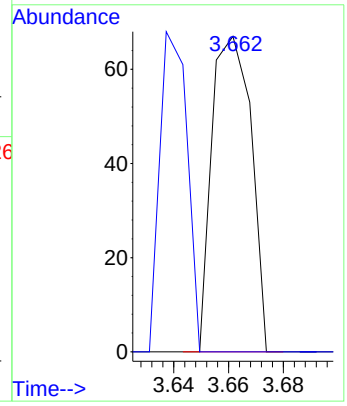


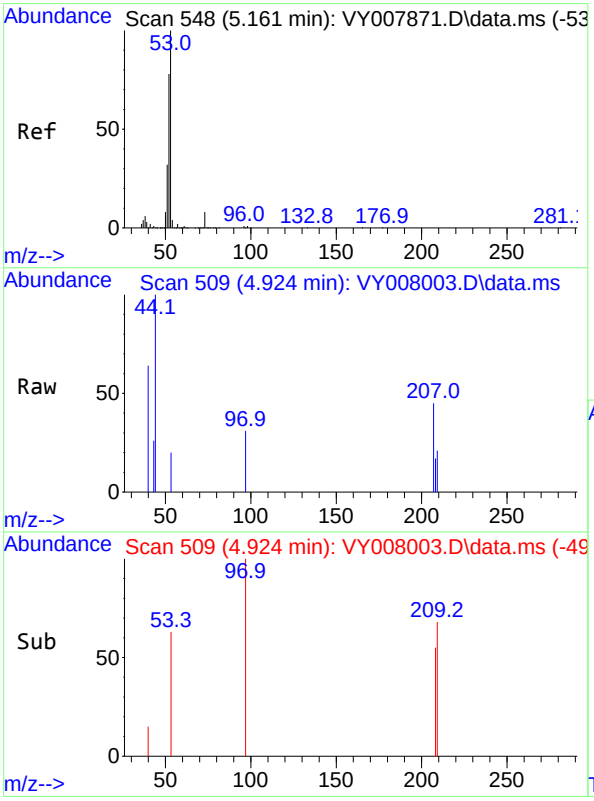
#13
Acrolein
Concen: 8.722 ug/l
RT: 3.662 min Scan# 3(
Delta R.T. -0.067 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#

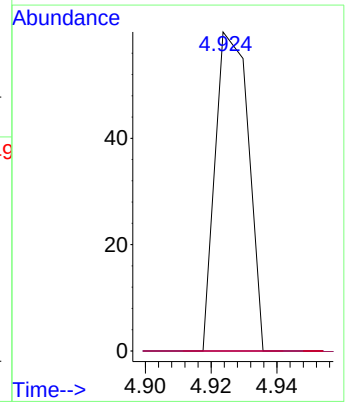


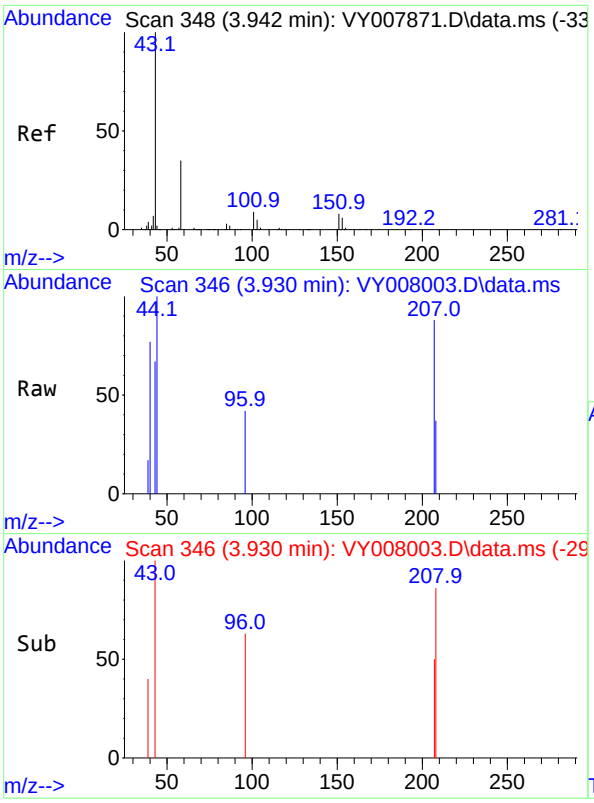


#15
Acrylonitrile
Concen: 1.206 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.238 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 53 Resp: 42

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



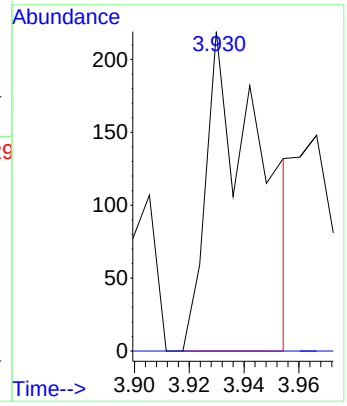


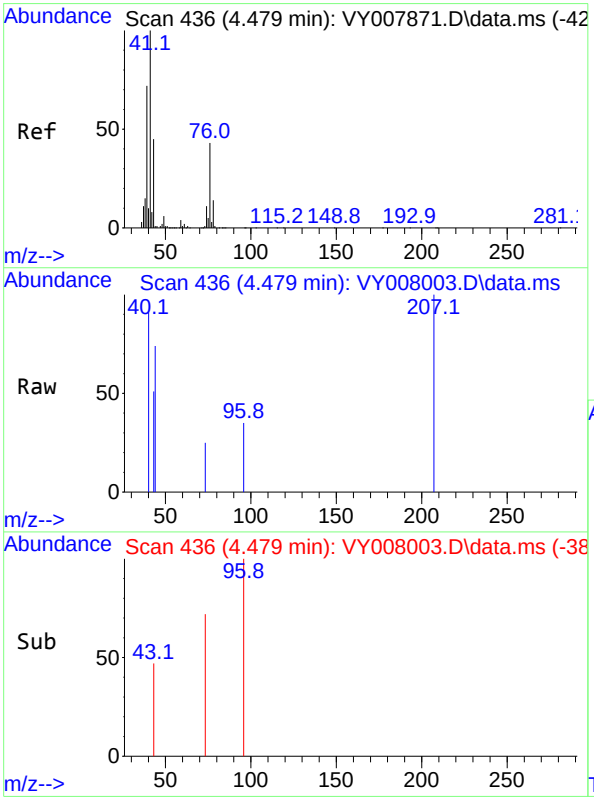
#16
Acetone
Concen: 10.226 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

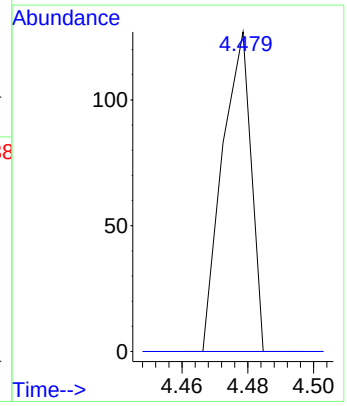


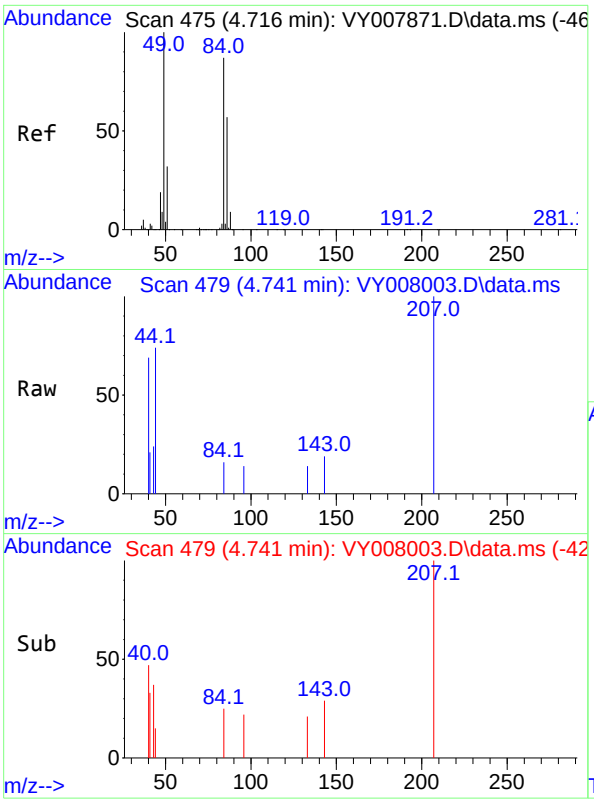


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



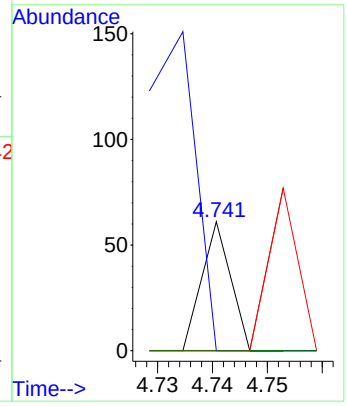


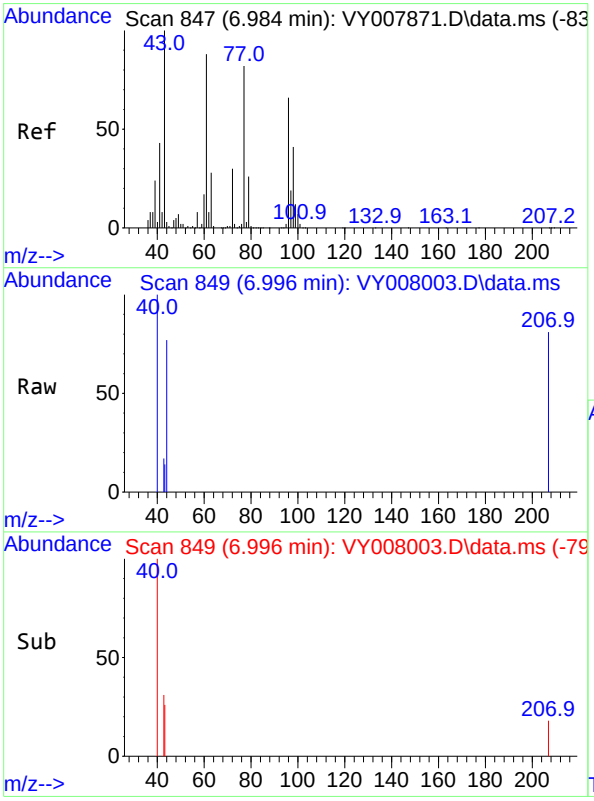
#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 4
Delta R.T. 0.024 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 84 Resp: 22

Ion	Ratio	Lower	Upper
84	100		
49	0.0	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#

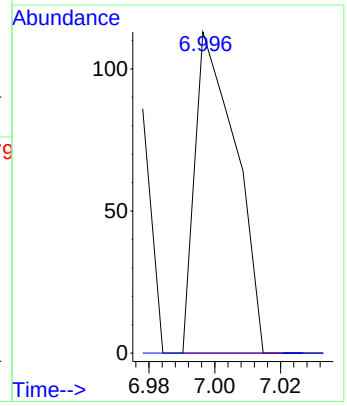


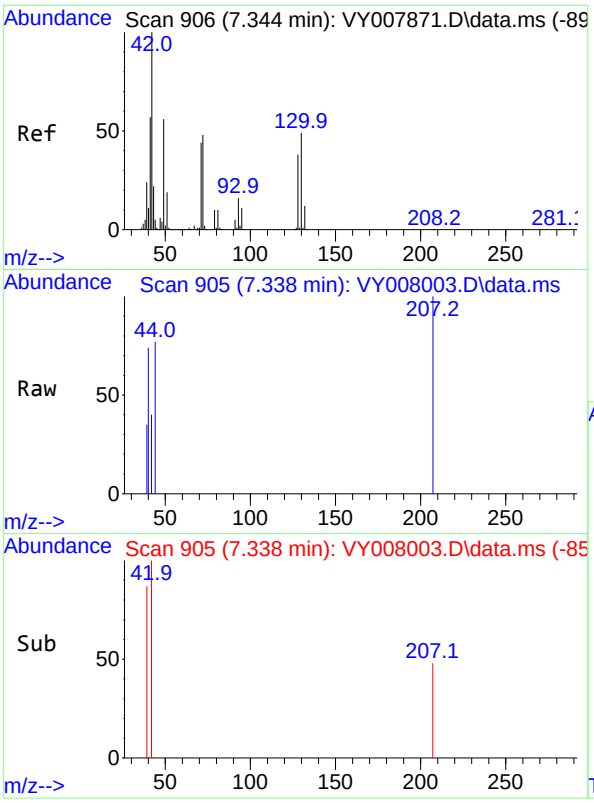


#25
2-Butanone
Concen: 2.085 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 43 Resp: 97

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



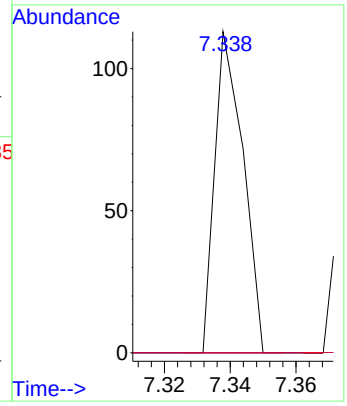


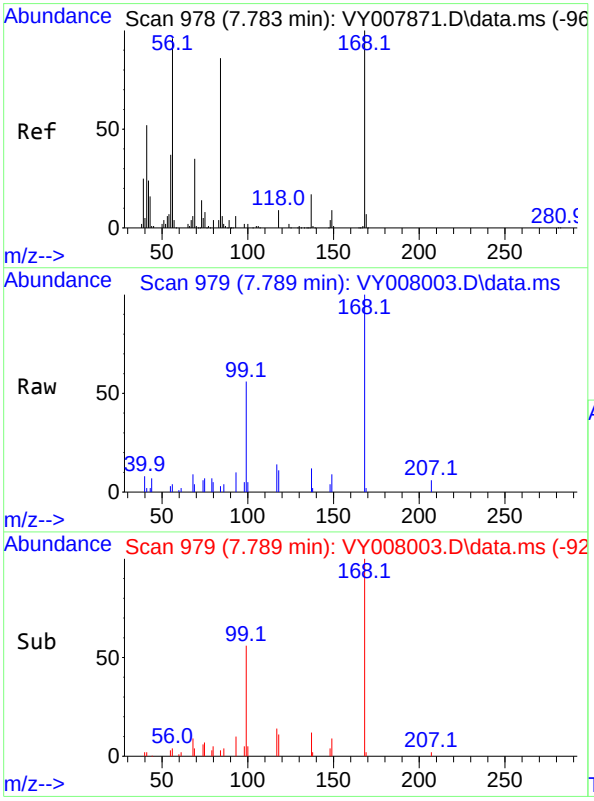
#29
Tetrahydrofuran
Concen: 2.281 ug/l
RT: 7.338 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 42 Resp: 68

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

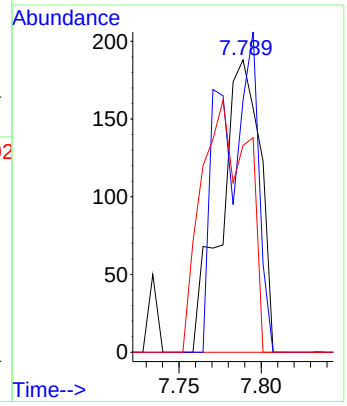


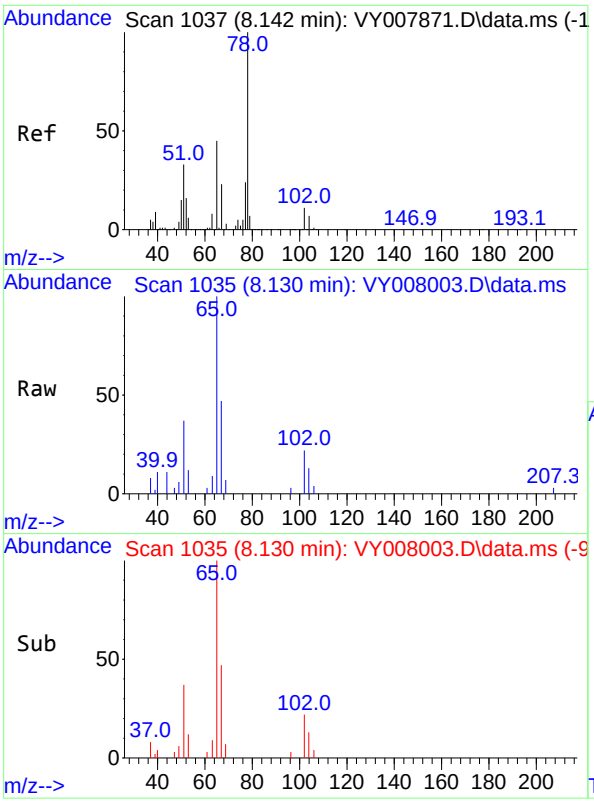


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 56 Resp: 309

Ion	Ratio	Lower	Upper
56	100		
69	86.2	26.7	40.1#
84	70.7	67.2	100.8



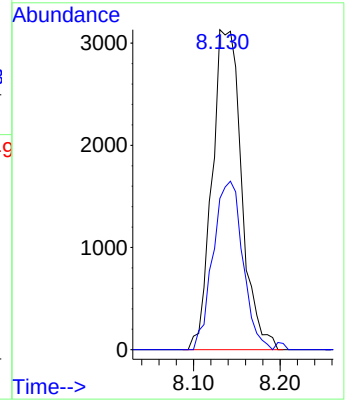


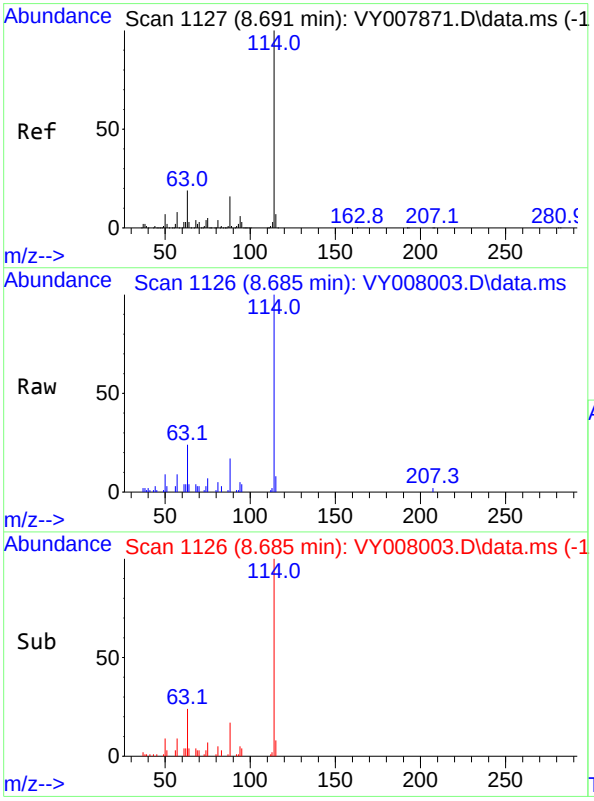
#33
1,2-Dichloroethane-d4
Concen: 67.610 ug/l
RT: 8.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 65 Resp: 7402

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	99.4

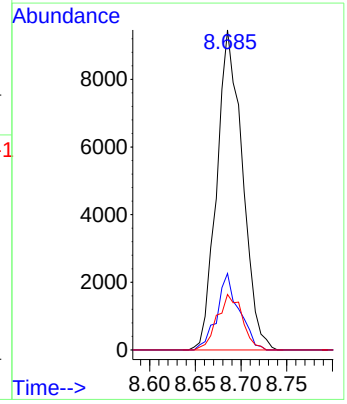


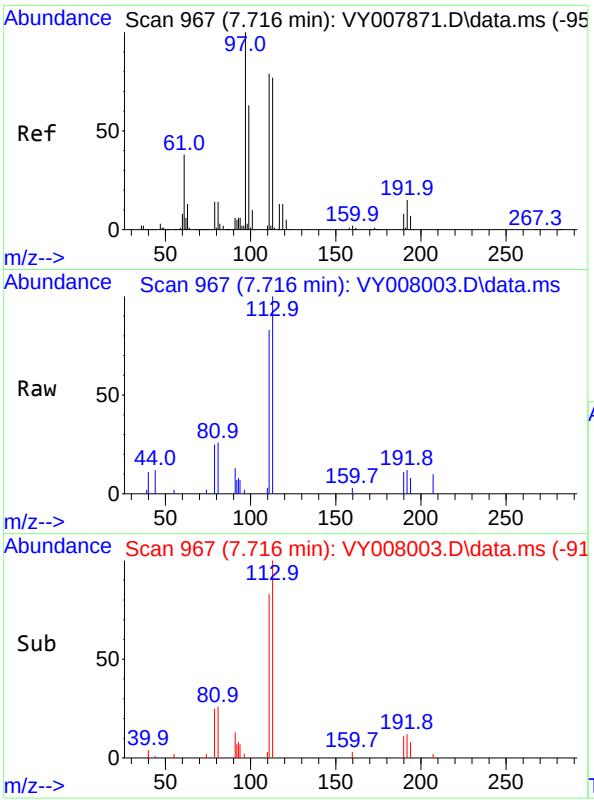


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:114 Resp: 18477

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	43.2
88	17.3	0.0	31.8



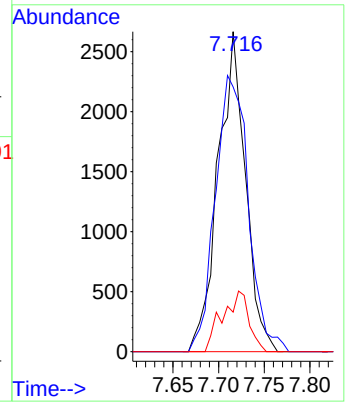


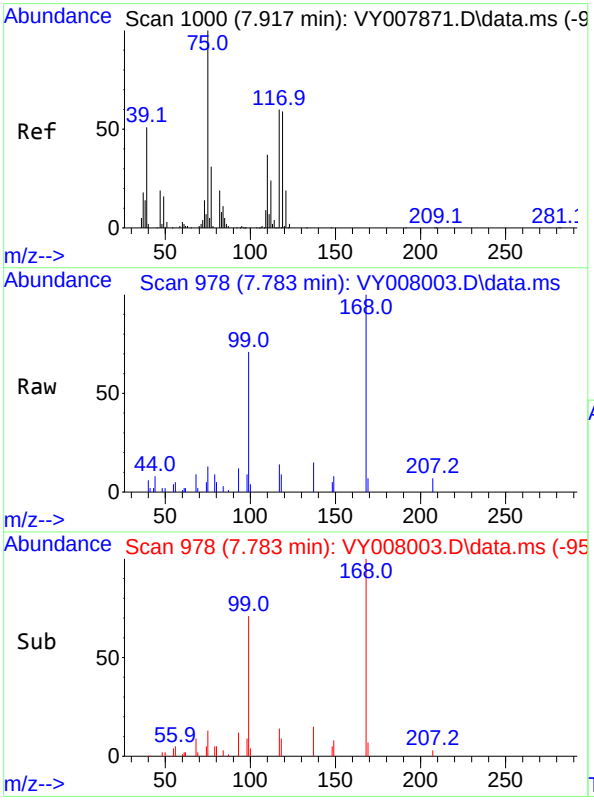
#35
Dibromofluoromethane
Concen: 42.817 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion:113 Resp: 5556

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	18.2	17.6	26.4

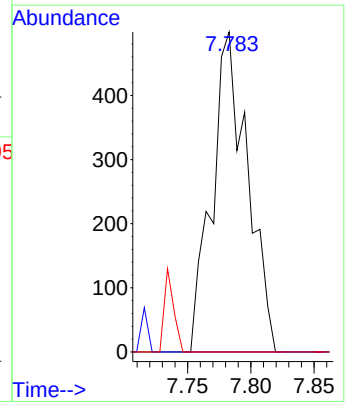


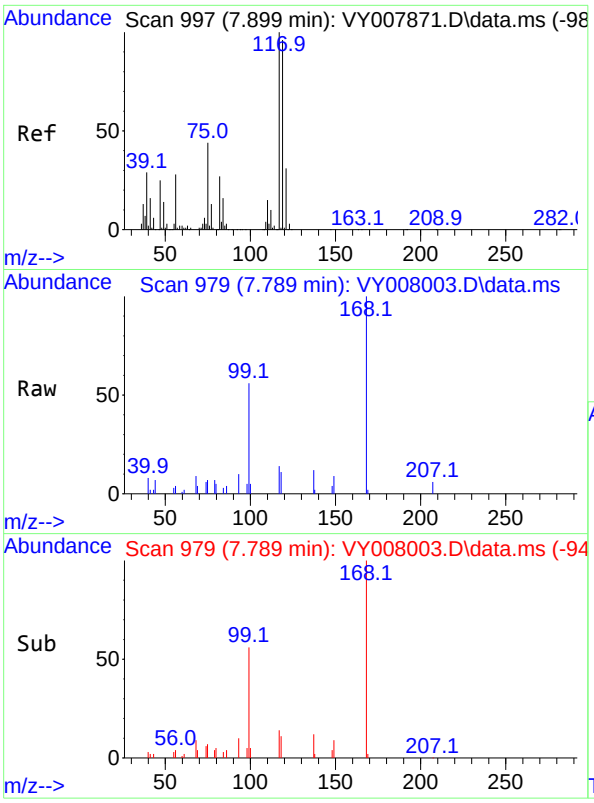


#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 75 Resp: 971

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



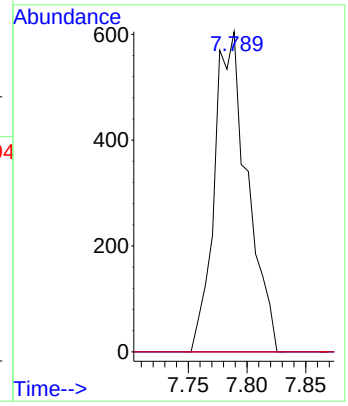


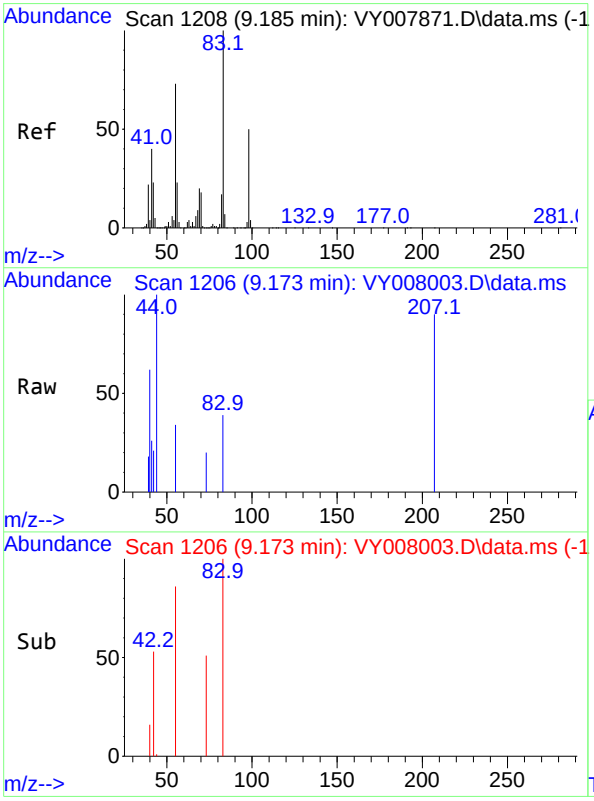
#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion:117 Resp: 1181

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

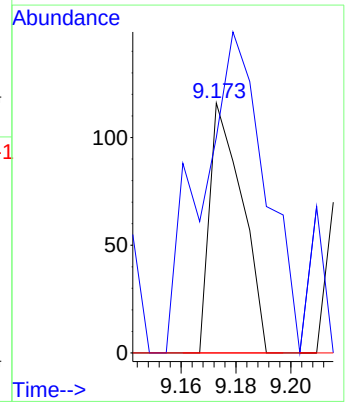


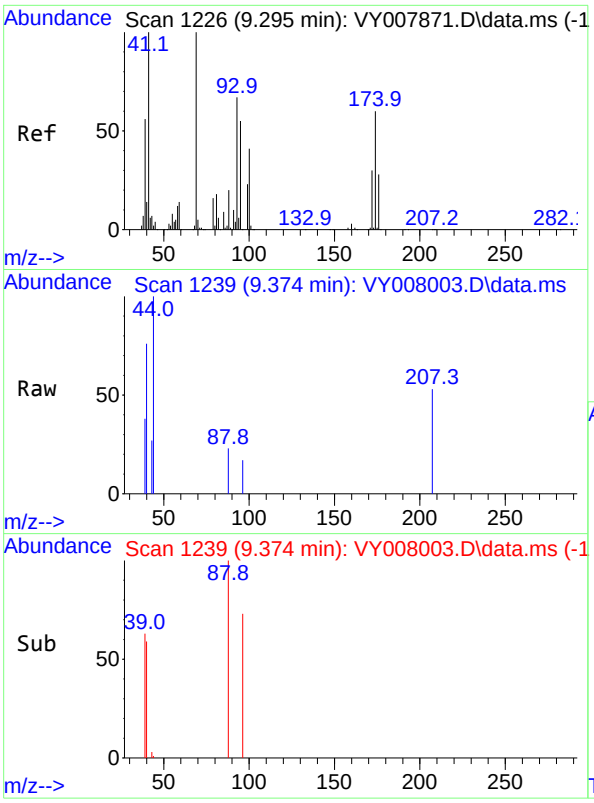


#39
Methylcyclohexane
Concen: Below Cal
RT: 9.173 min Scan# 1206
Delta R.T. -0.012 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 83 Resp: 96

Ion	Ratio	Lower	Upper
83	100		
55	31.0	66.5	99.7#
98	0.0	37.9	56.9#



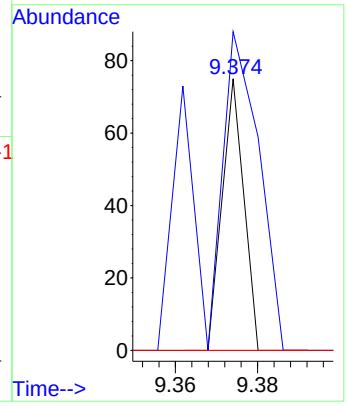


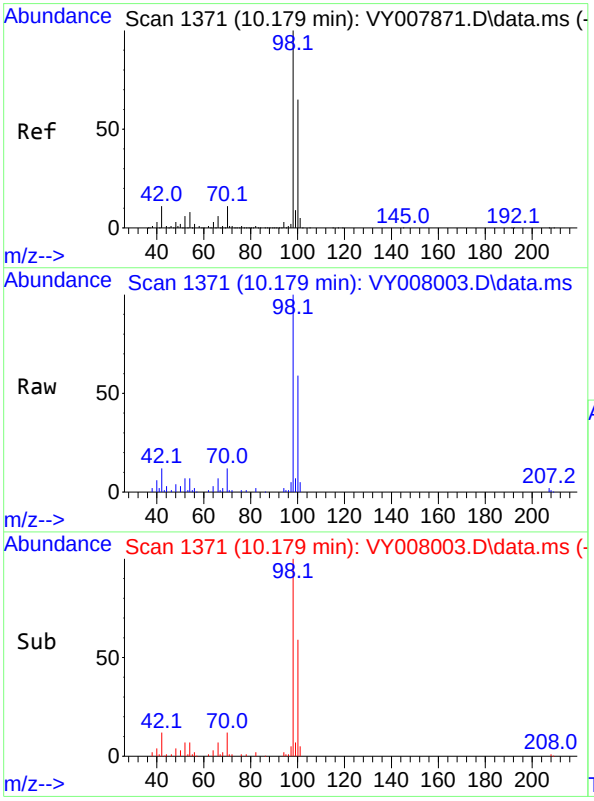
#49
1,4-Dioxane
Concen: 22.378 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.079 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	296.3	32.8	49.2#
58	0.0	59.8	89.6#

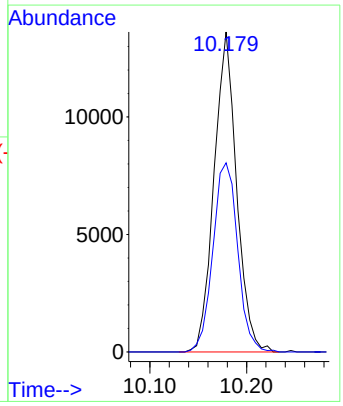


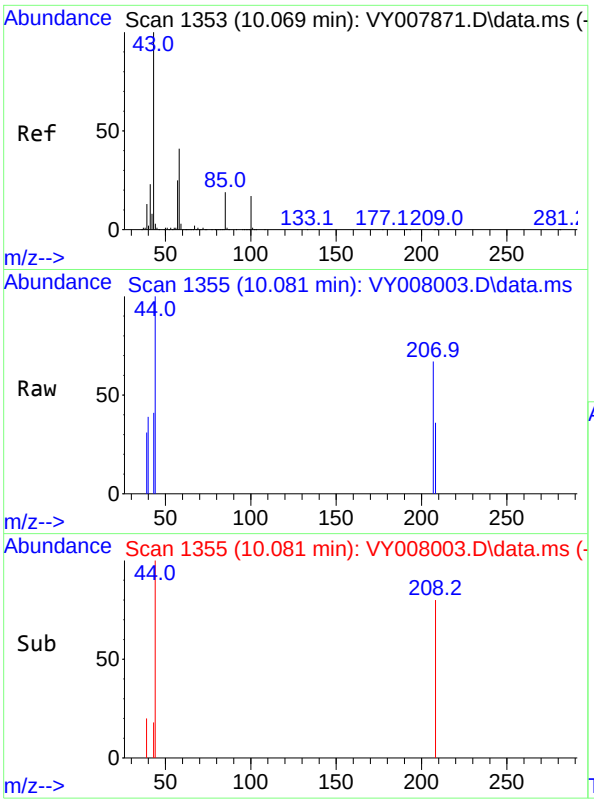


#50
Toluene-d8
Concen: 57.061 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 98 Resp: 22031

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2



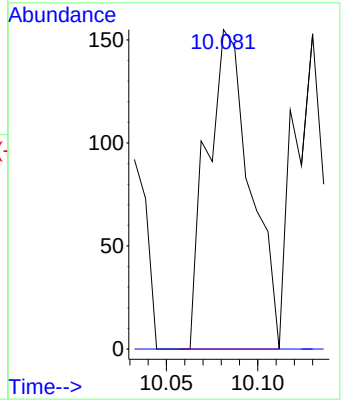


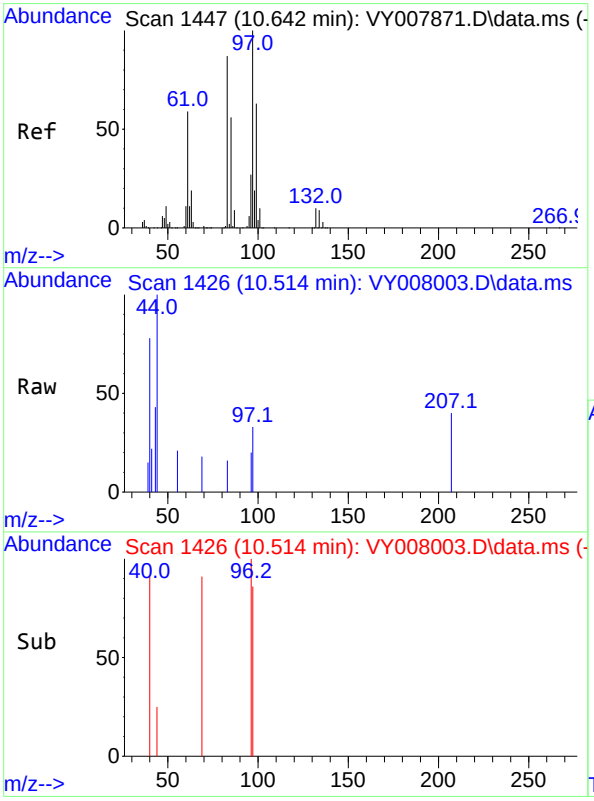
#51
4-Methyl-2-Pentanone
Concen: 2.146 ug/l
RT: 10.081 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 43 Resp: 256

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	42.1#

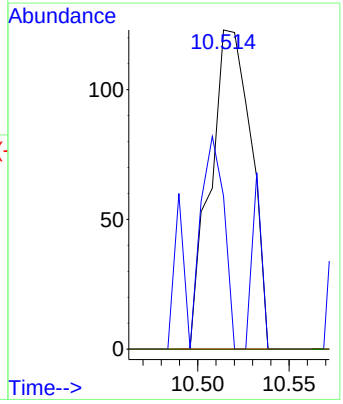


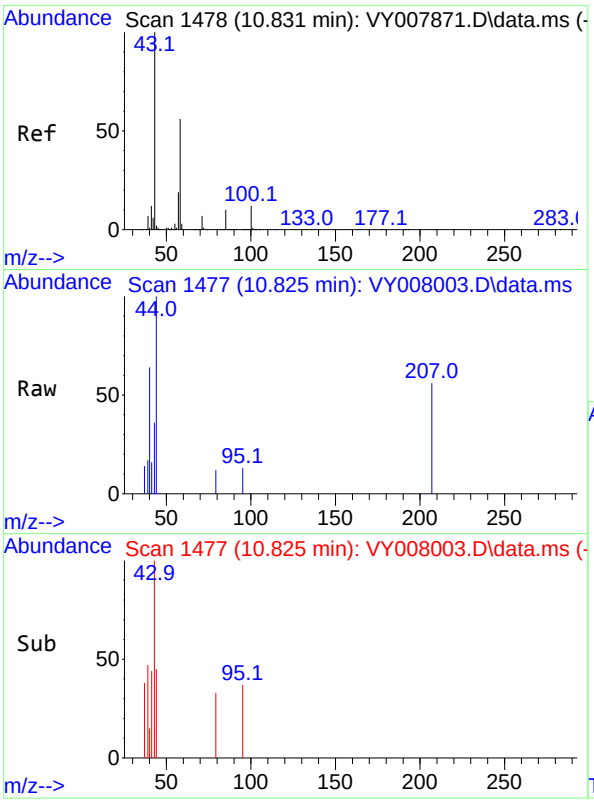


#55
1,1,2-Trichloroethane
Concen: 1.543 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.128 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 97 Resp: 191

Ion	Ratio	Lower	Upper
97	100		
83	48.0	69.8	104.8#
85	0.0	44.3	66.5#
99	0.0	49.8	74.6#



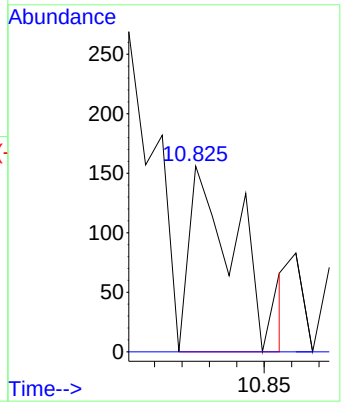


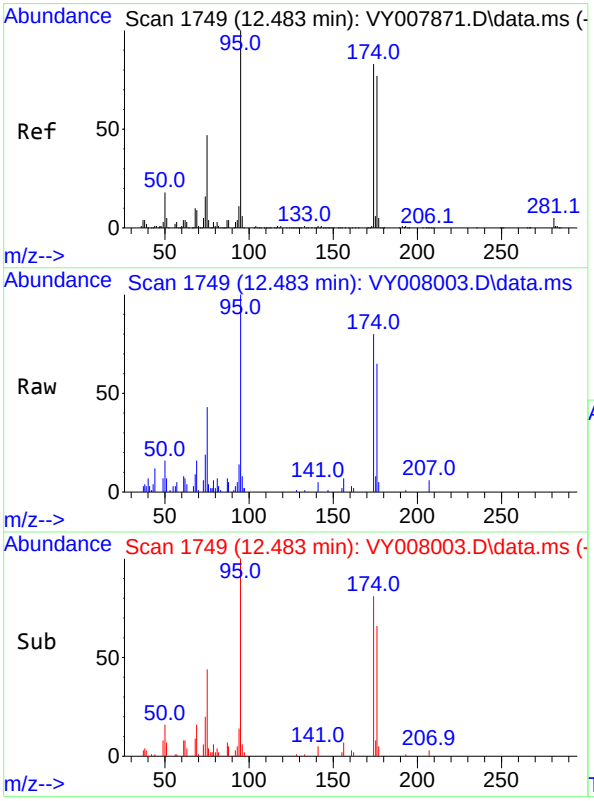
#59
2-Hexanone
Concen: 2.286 ug/l
RT: 10.825 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 43 Resp: 195

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	73.4#

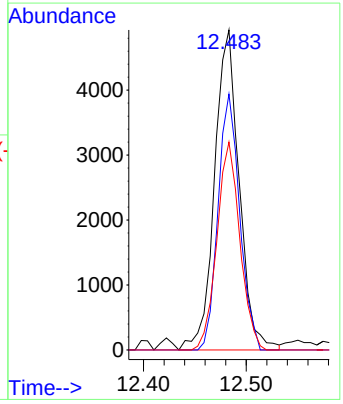


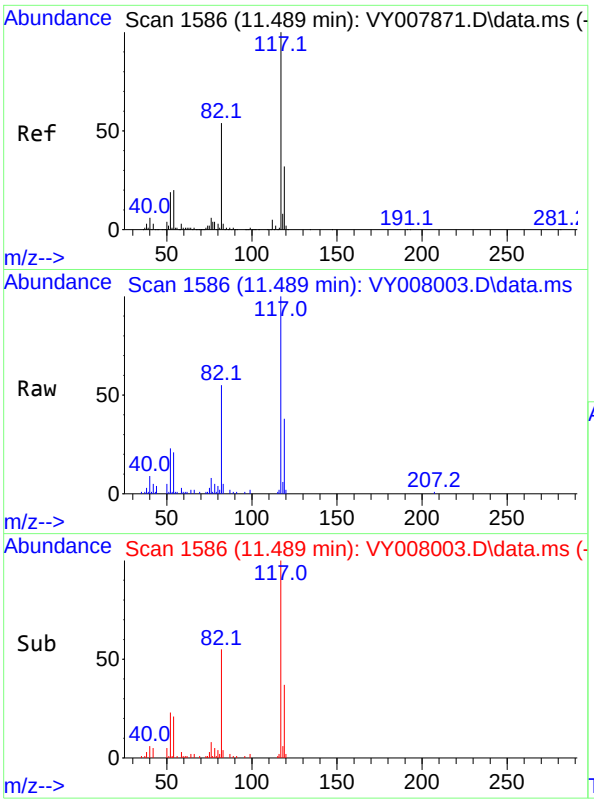


#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 95 Resp: 8205

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	177.0
176	60.4	0.0	175.8



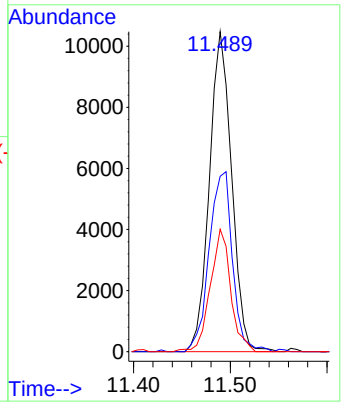


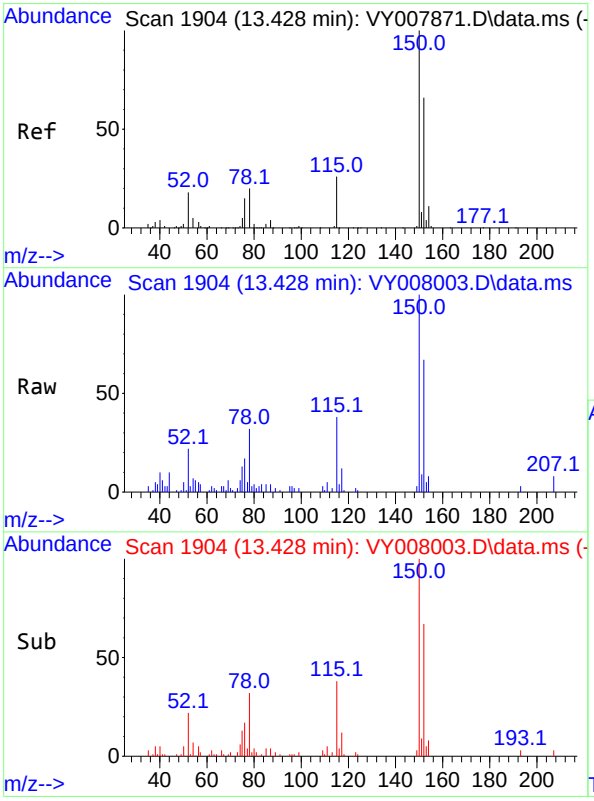
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion:117 Resp: 16702

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	38.2	25.4	38.0#

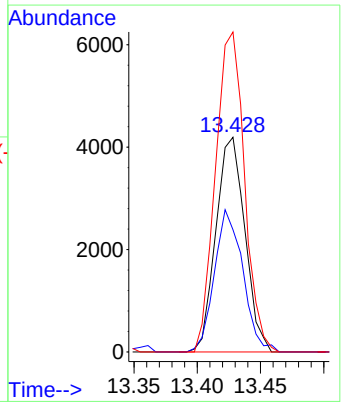


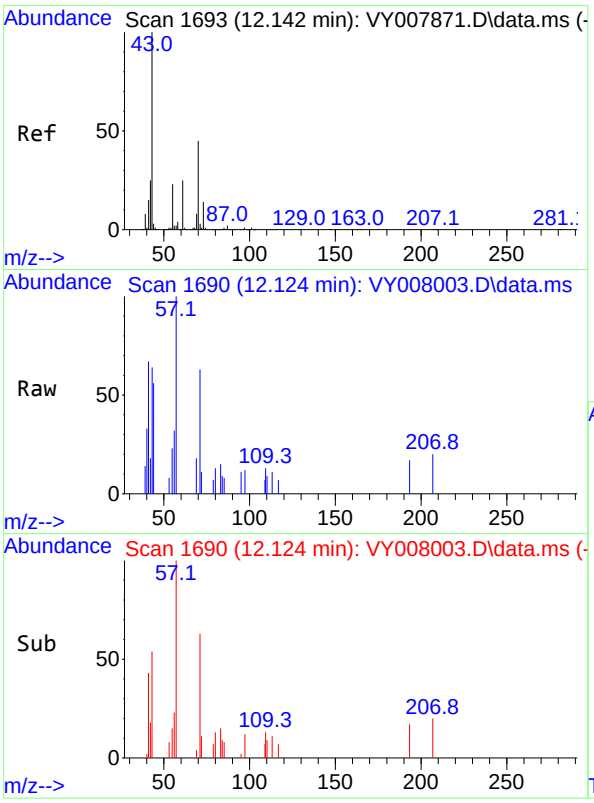


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:152 Resp: 6677

Ion	Ratio	Lower	Upper
152	100		
115	65.1	28.2	84.7
150	149.4	0.0	347.6



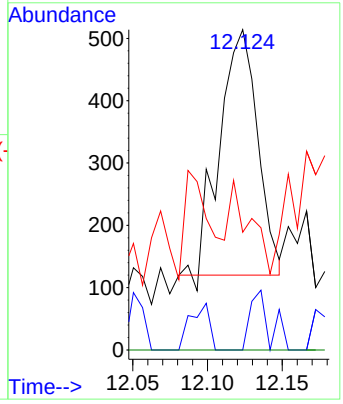


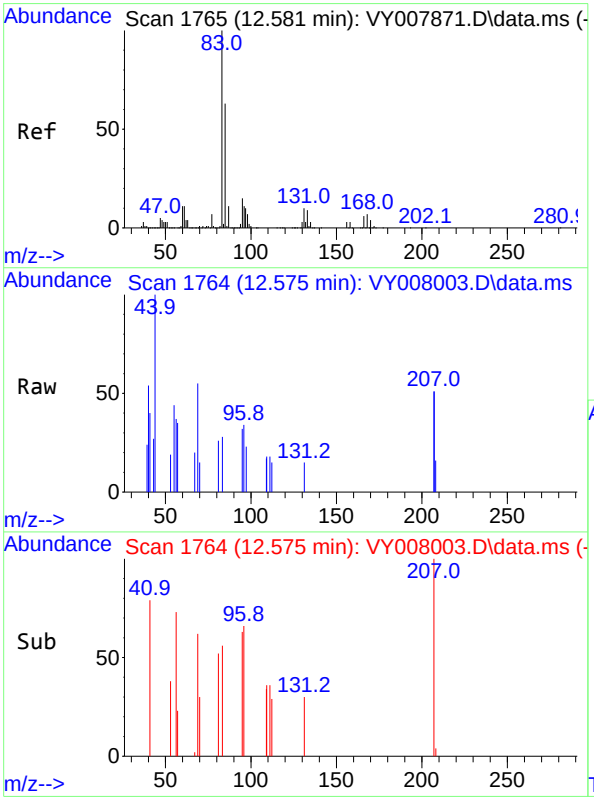
#74
N-amyl acetate
Concen: 4.008 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 43 Resp: 695

Ion	Ratio	Lower	Upper
43	100		
70	12.5	28.7	43.1#
55	35.1	17.3	25.9#
61	0.0	17.0	25.6#

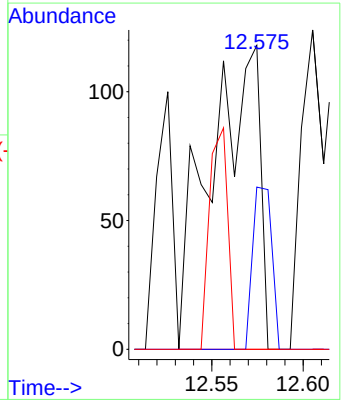


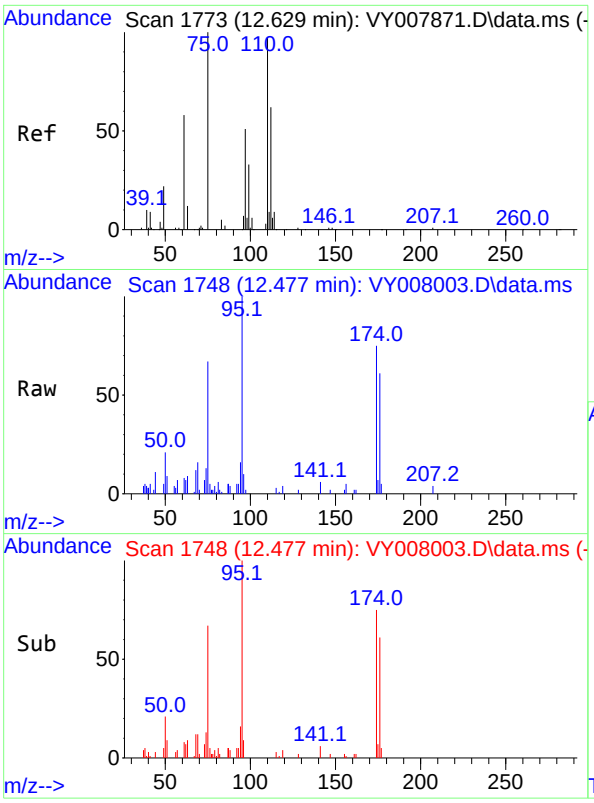


#75
1,1,2,2-Tetrachloroethane
Concen: 1.755 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 83 Resp: 222

Ion	Ratio	Lower	Upper
83	100		
131	20.7	5.6	16.8#
85	26.6	32.3	96.8#



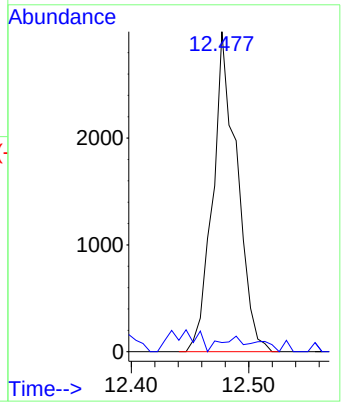


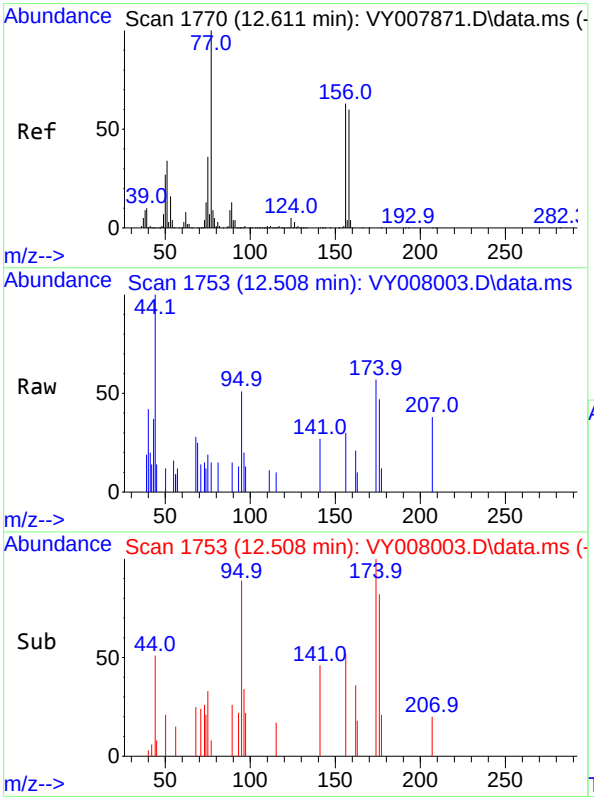
#76
1,2,3-Trichloropropane
Concen: 45.277 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.159 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 75 Resp: 4309

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	0.0#

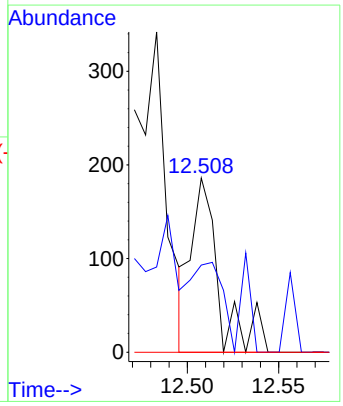


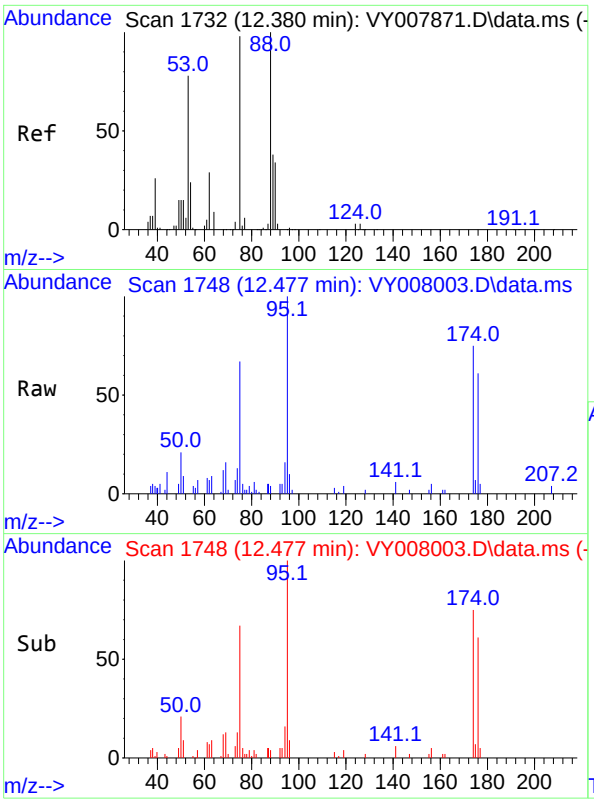


#77
Bromobenzene
Concen: 1.452 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.104 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:156 Resp: 195

Ion	Ratio	Lower	Upper
156	100		
77	13.3	95.5	286.4#
158	0.0	48.0	144.0#



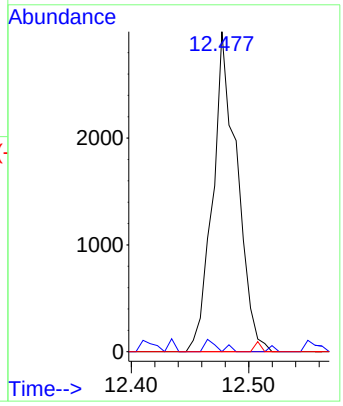


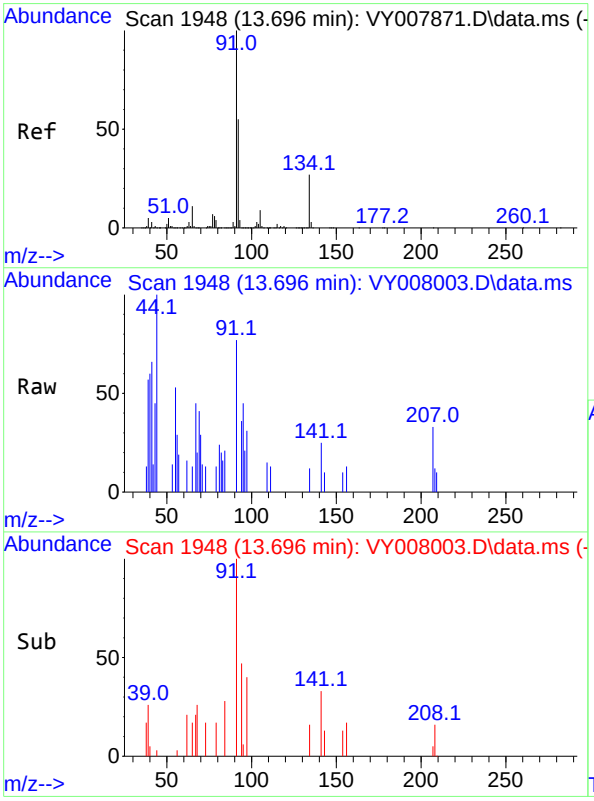
#81
trans-1,4-Dichloro-2-butene
Concen: 95.100 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 75 Resp: 4309

Ion	Ratio	Lower	Upper
75	100		
53	2.1	85.3	127.9#
89	0.0	37.0	55.4#

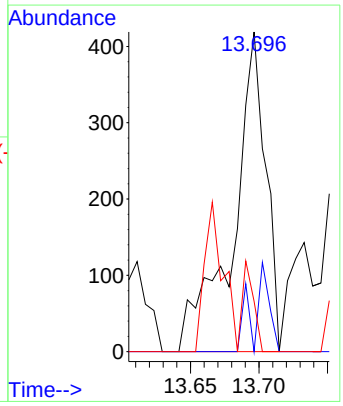


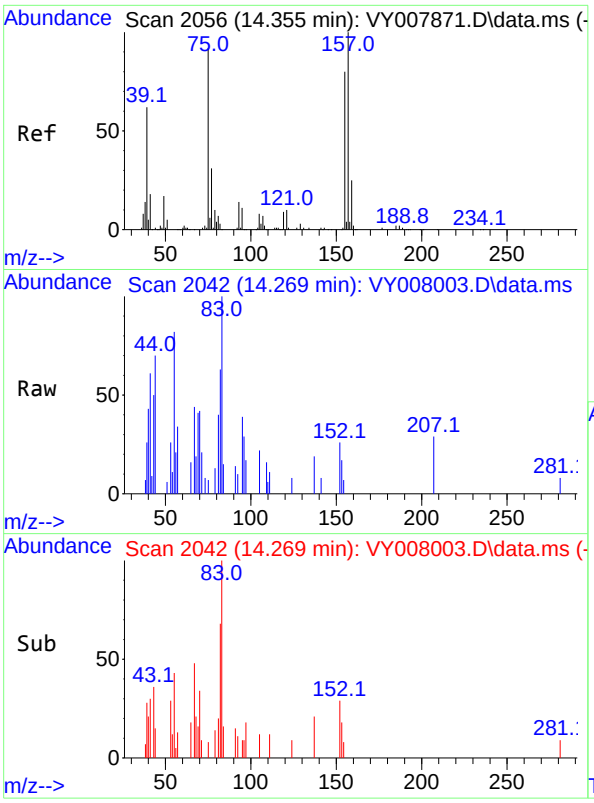


#89
n-Butylbenzene
Concen: 1.368 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion: 91 Resp: 691

Ion	Ratio	Lower	Upper
91	100		
92	13.6	26.3	78.9#
134	9.8	13.0	38.9#



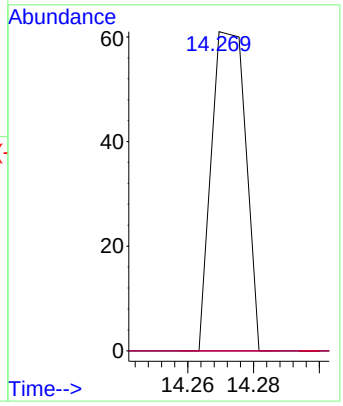


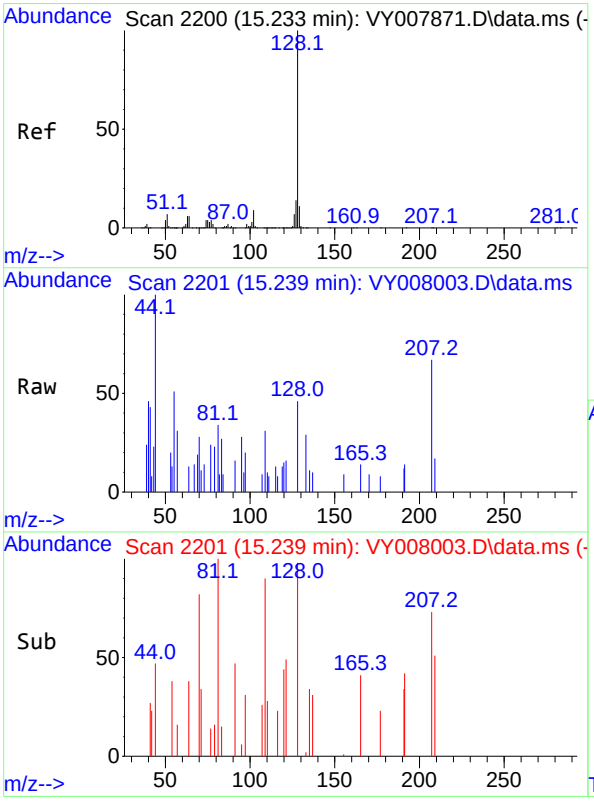
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.022 ug/l
RT: 14.269 min Scan# 2
Delta R.T. -0.085 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MR-1

Tgt Ion: 75 Resp: 44

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





#95
Naphthalene
Concen: 1.605 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008003.D
Acq: 22 Mar 2022 16:18

Tgt Ion:128 Resp: 534

Ion	Ratio	Lower	Upper
128	100		
127	4.1	11.0	16.4#
129	0.0	8.4	12.6#