Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007948.D
Acq On : 21 Mar 2022 12:41
Operator : SY/MD
Sample : N1951-05RE
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 21 16:03:59 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

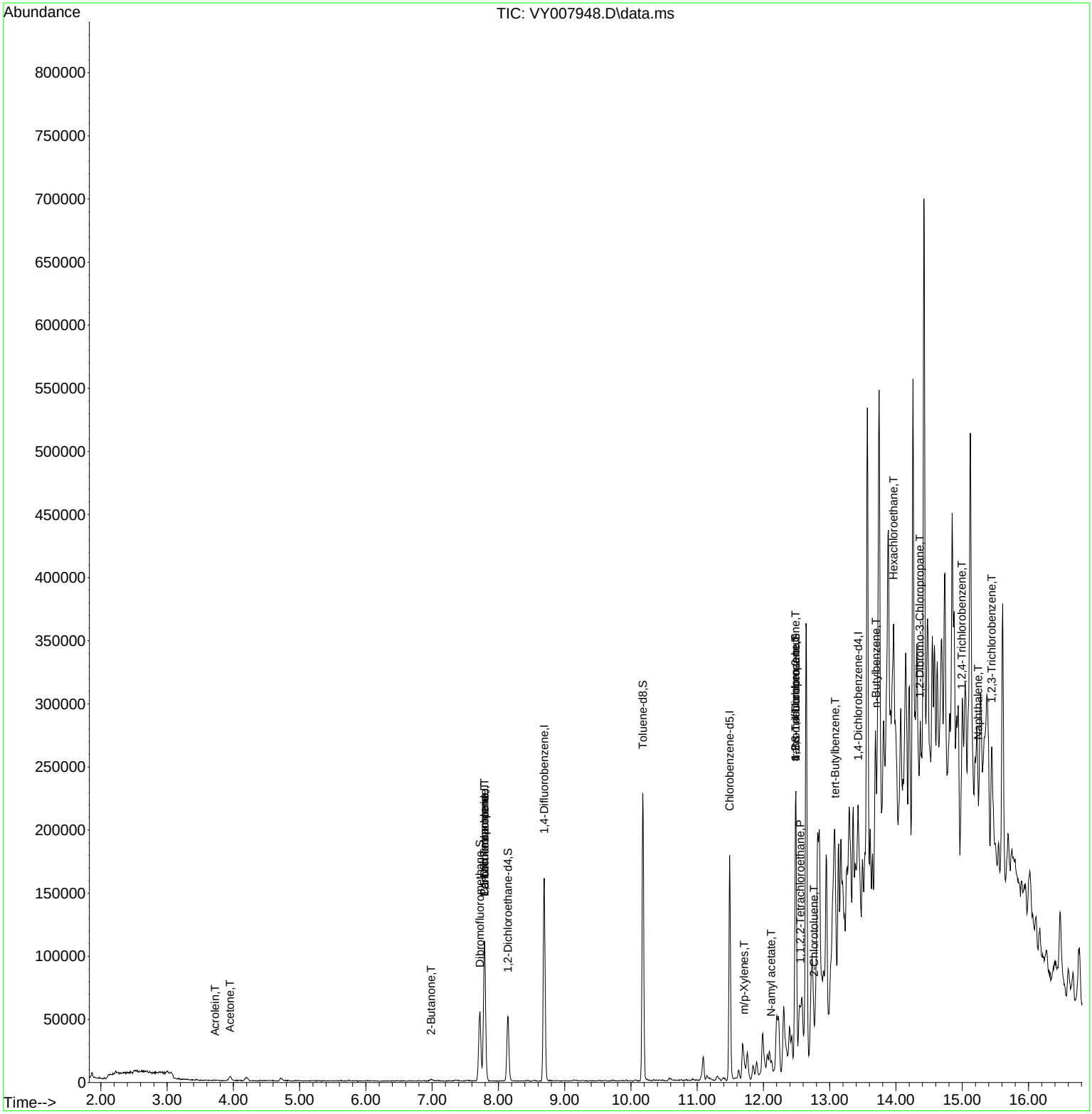
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	81525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	91795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38332	41.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.480%			
35) Dibromofluoromethane	7.722	113	39697	41.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 82.360%			
50) Toluene-d8	10.179	98	150581	51.978	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.483	95	35258	25.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 50.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.119	85	45	Below Cal	#	43
3) Chloromethane	2.125	50	411	Below Cal	#	70
4) Vinyl Chloride	2.278	62	352	Below Cal	#	43
5) Bromomethane	2.662	94	645	Below Cal		88
13) Acrolein	3.722	56	73	1.119	ug/l #	1
16) Acetone	3.948	43	6235	25.285	ug/l	92
17) Carbon Disulfide	4.204	76	5293	Below Cal	#	93
18) Methyl Acetate	4.472	43	98	Below Cal	#	56
20) Methylene Chloride	4.722	84	1475	Below Cal	#	71
25) 2-Butanone	6.984	43	2488	6.299	ug/l	99
31) Cyclohexane	7.789	56	2045	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	7055	4.934	ug/l #	52
38) Carbon Tetrachloride	7.789	117	8688	5.686	ug/l #	14
39) Methylcyclohexane	9.185	83	200	Below Cal	#	46
68) m/p-Xylenes	11.709	106	1936	1.267	ug/l	94
74) N-amyl acetate	12.117	43	3885	6.335	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.556	83	5421	12.116	ug/l #	91
76) 1,2,3-Trichloropropane	12.483	75	18580	55.200	ug/l #	100
79) 2-Chlorotoluene	12.764	91	1783	1.263	ug/l #	65
81) trans-1,4-Dichloro-2-b...	12.483	75	18580	115.943	ug/l #	12
83) tert-Butylbenzene	13.081	119	3145	2.056	ug/l	74
89) n-Butylbenzene	13.696	91	3309	1.853	ug/l #	78
90) Hexachloroethane	13.964	117	499	1.343	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.361	75	103	1.338	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.995	180	1938	3.674	ug/l #	1
95) Naphthalene	15.239	128	2332	1.982	ug/l #	33
96) 1,2,3-Trichlorobenzene	15.446	180	1938	4.166	ug/l #	70

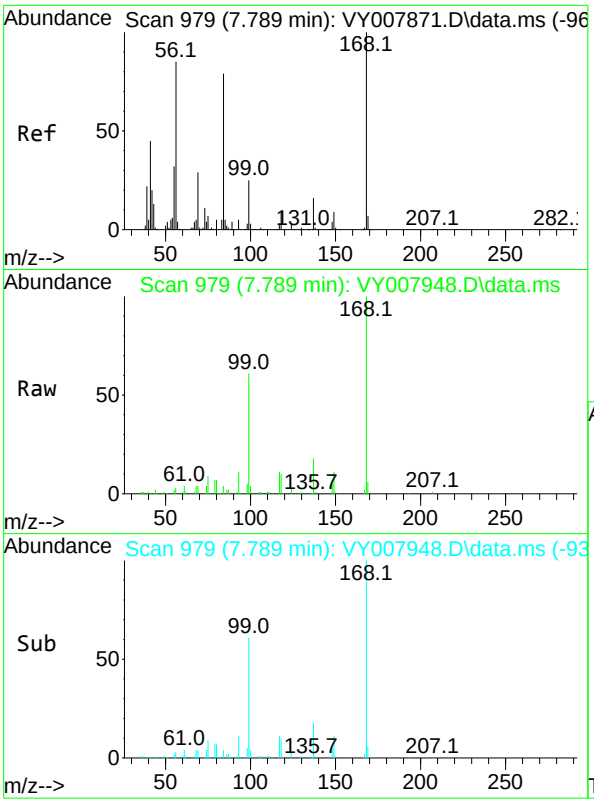
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007948.D
Acq On : 21 Mar 2022 12:41
Operator : SY/MD
Sample : N1951-05RE
Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 21 16:03:59 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



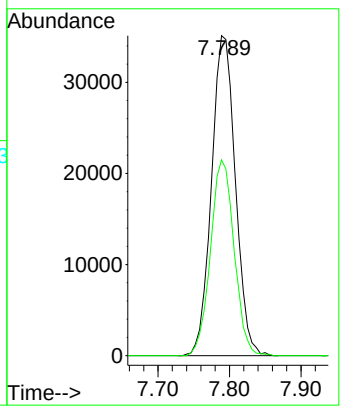


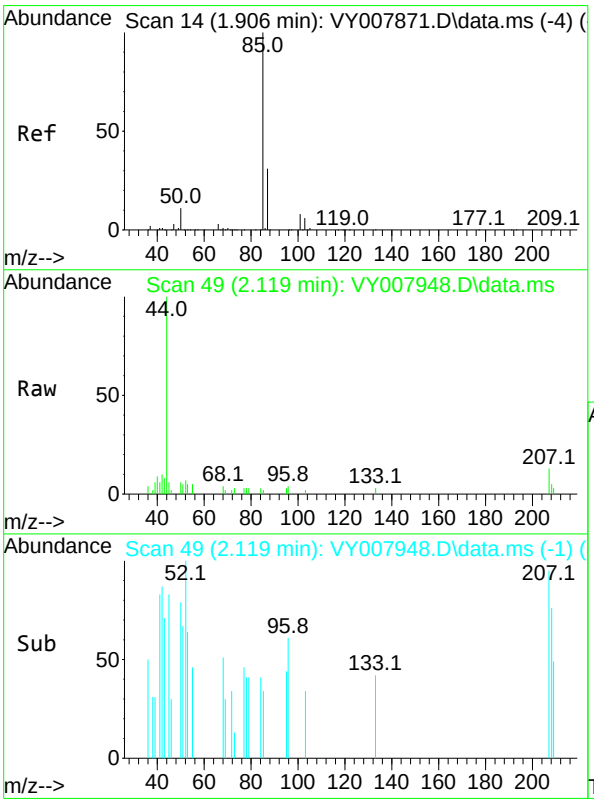
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:168 Resp: 81525

Ion	Ratio	Lower	Upper
168	100		
99	61.2	46.9	70.3

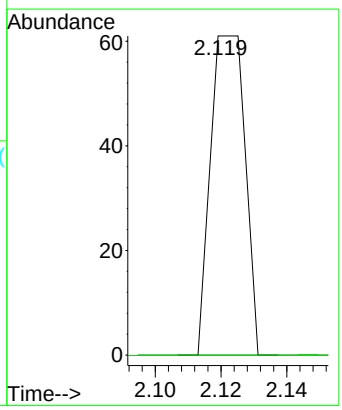


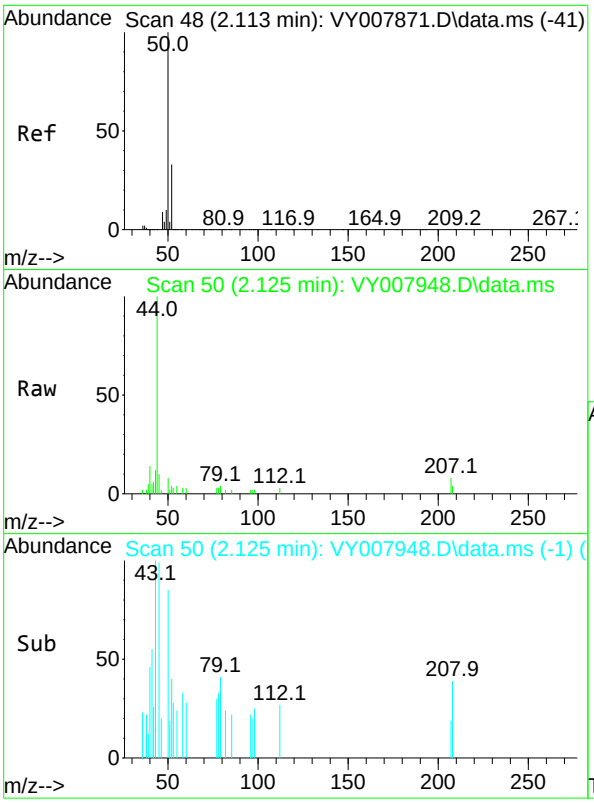


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.213 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 85 Resp: 45

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



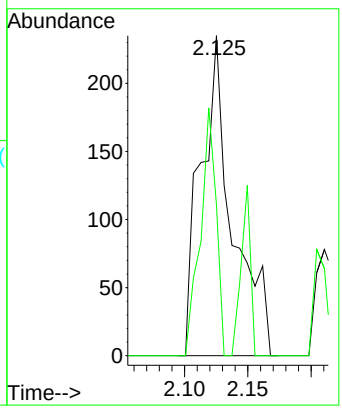


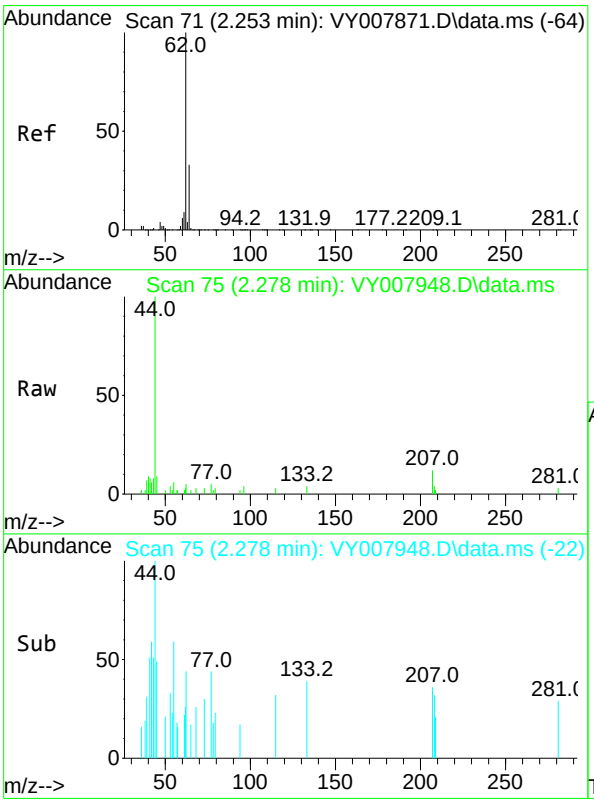
#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 5(
Delta R.T. 0.012 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 50 Resp: 411

Ion	Ratio	Lower	Upper
50	100		
52	47.2	24.6	37.0#

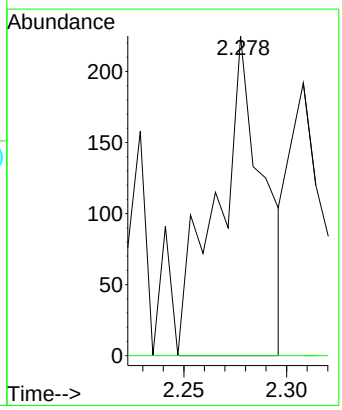


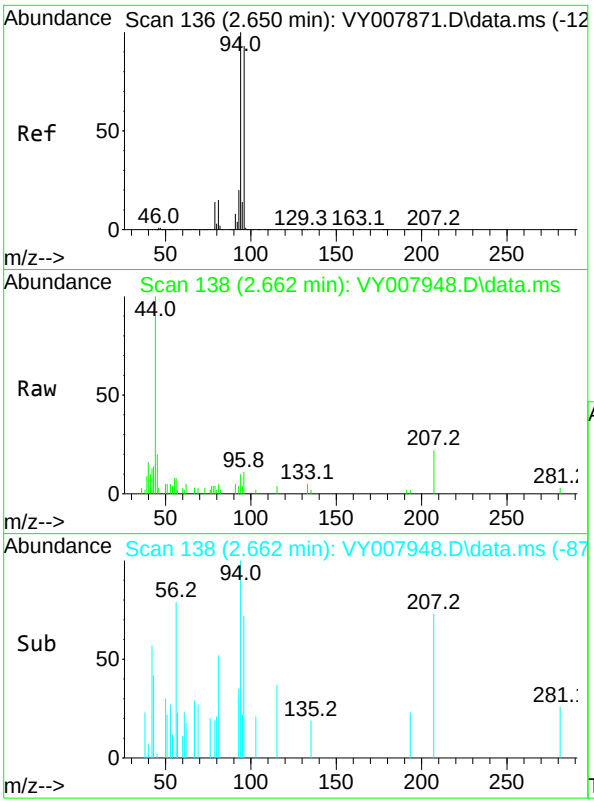


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.278 min Scan# 75
Delta R.T. 0.024 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 62 Resp: 352

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



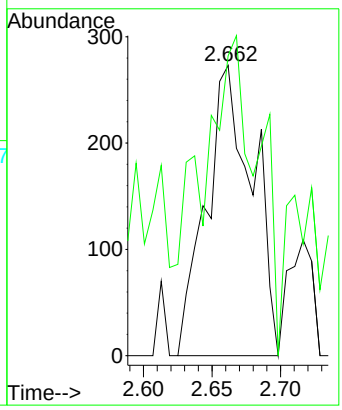


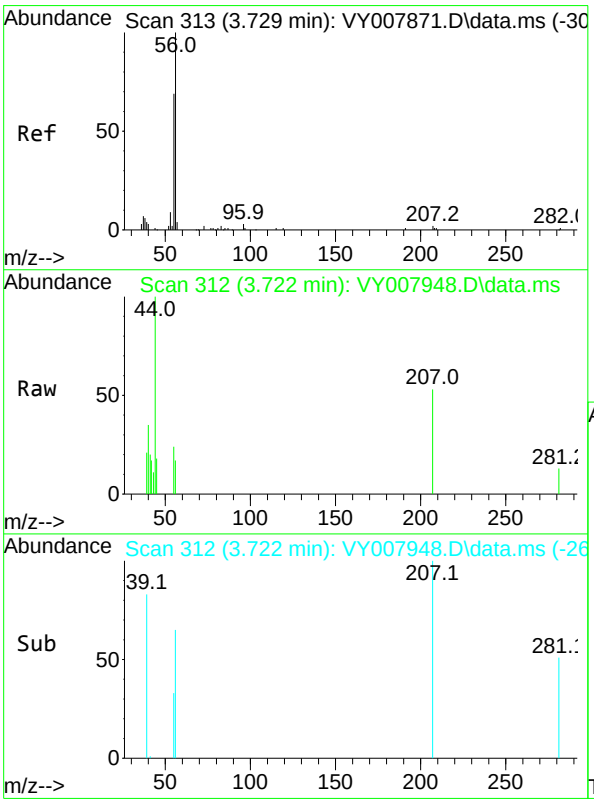
#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 94 Resp: 645

Ion	Ratio	Lower	Upper
94	100		
96	103.3	73.5	110.3

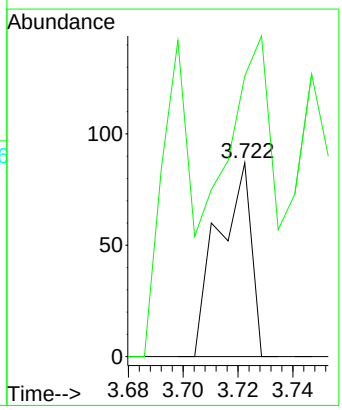


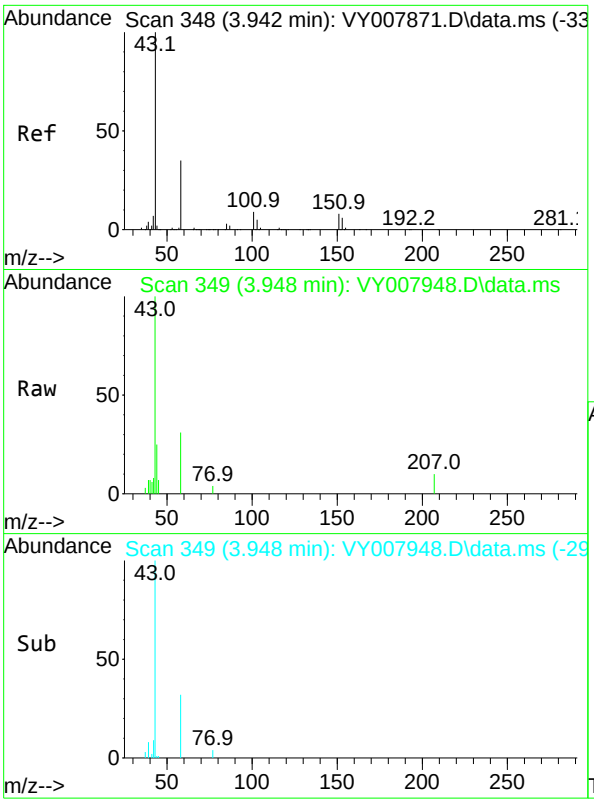


#13
Acrolein
Concen: 1.119 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 56 Resp: 73

Ion	Ratio	Lower	Upper
56	100		
55	208.2	57.6	86.4#



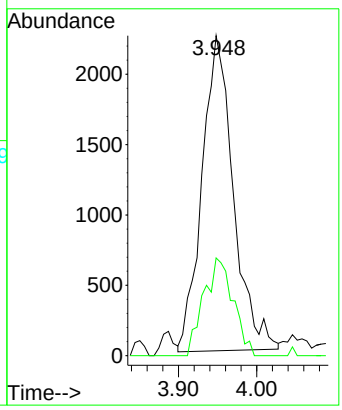


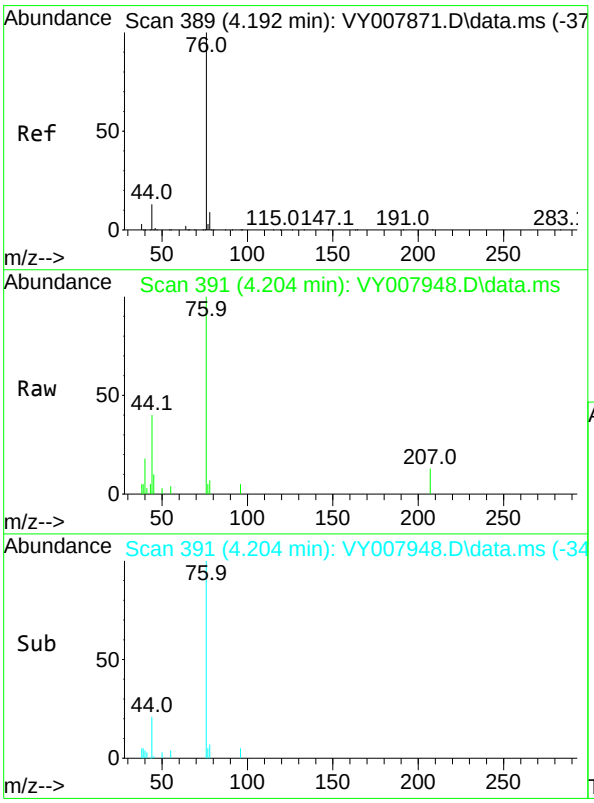
#16
Acetone
Concen: 25.285 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 43 Resp: 6235

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.0	33.0

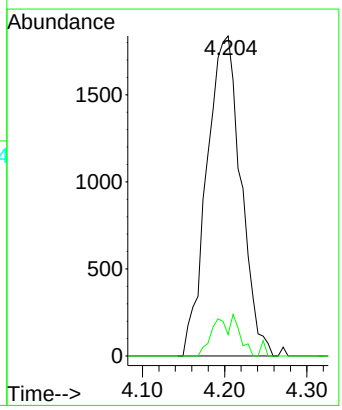


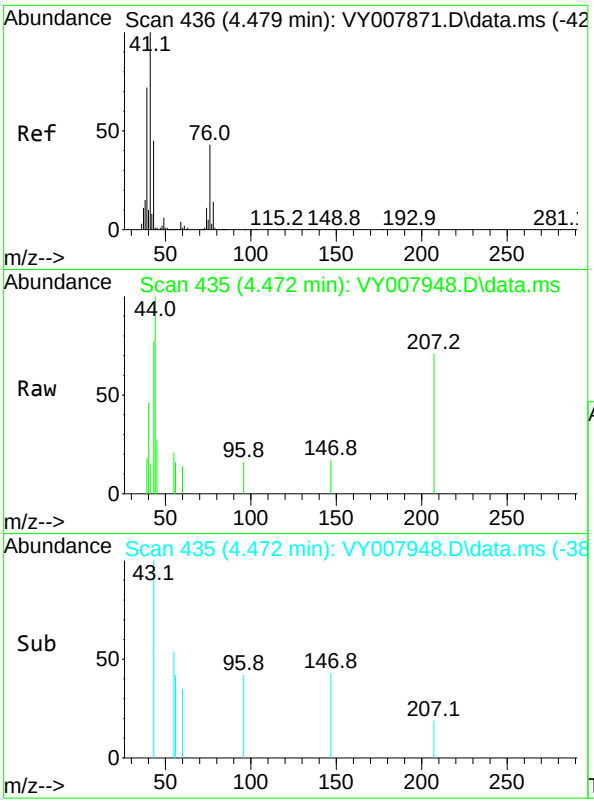


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 76 Resp: 5293

Ion	Ratio	Lower	Upper
76	100		
78	6.7	7.4	11.0#



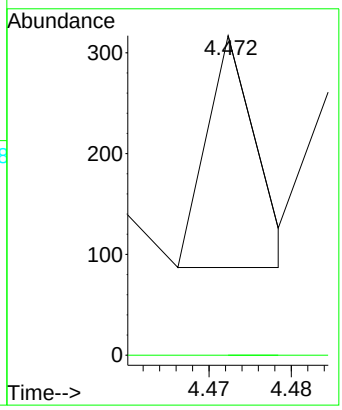


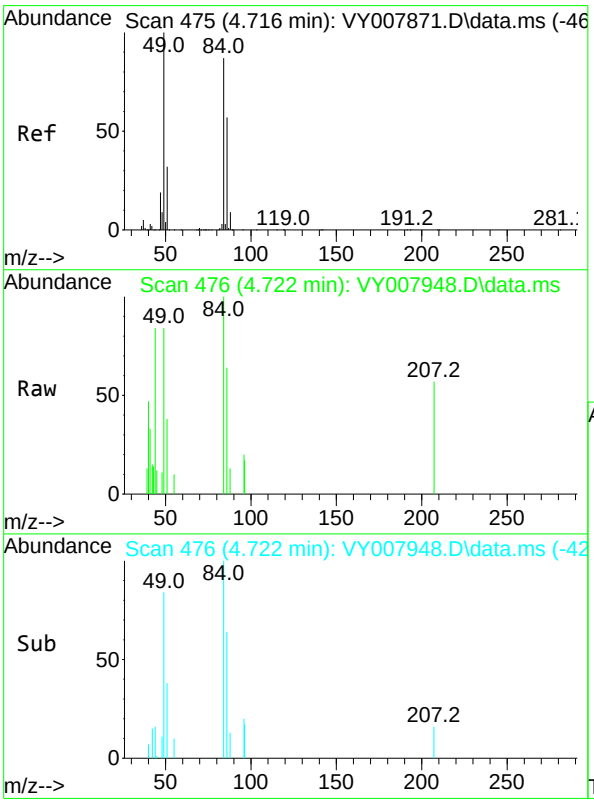
#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#

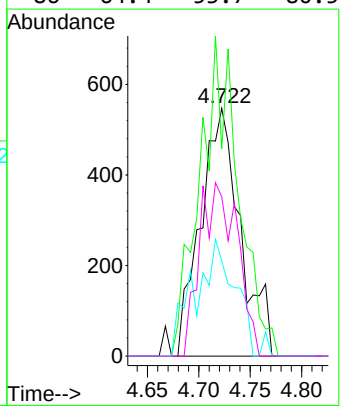


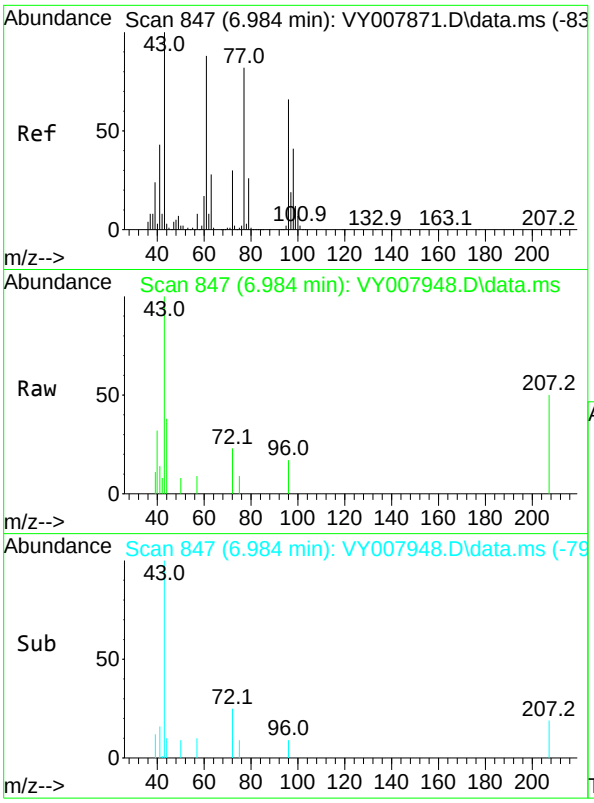


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 84 Resp: 1475

Ion	Ratio	Lower	Upper
84	100		
49	83.7	114.4	171.6#
51	38.4	35.3	52.9
86	64.4	53.7	80.5



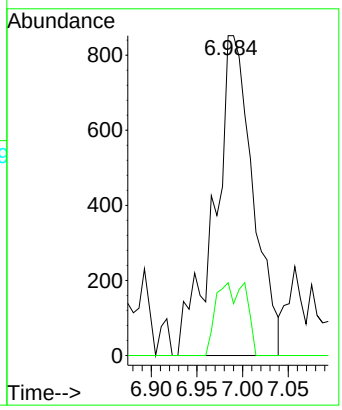


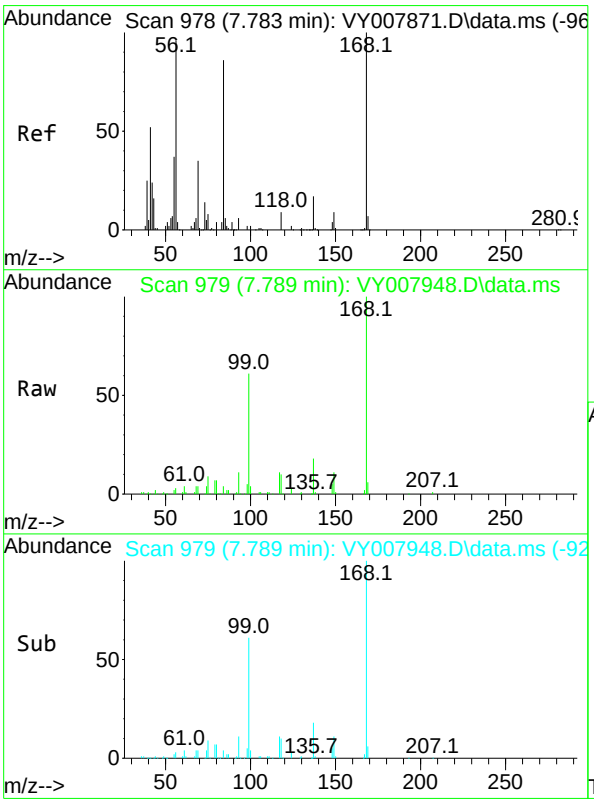
#25
2-Butanone
Concen: 6.299 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 43 Resp: 2488

Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.7	26.5

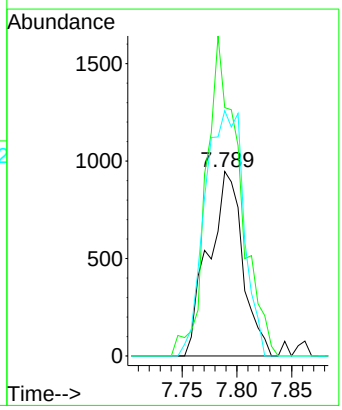


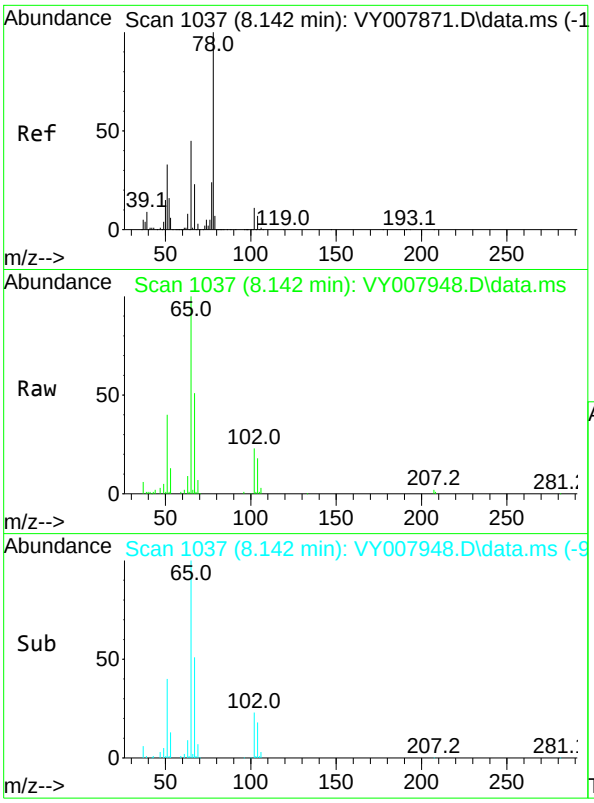


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 56 Resp: 2045

Ion	Ratio	Lower	Upper
56	100		
69	134.5	26.7	40.1#
84	132.9	67.2	100.8#



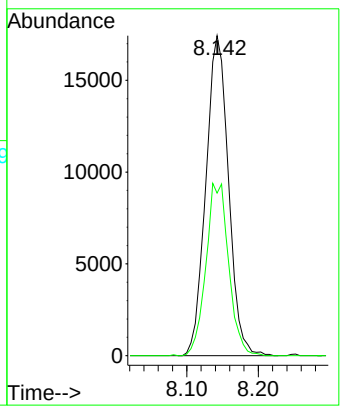


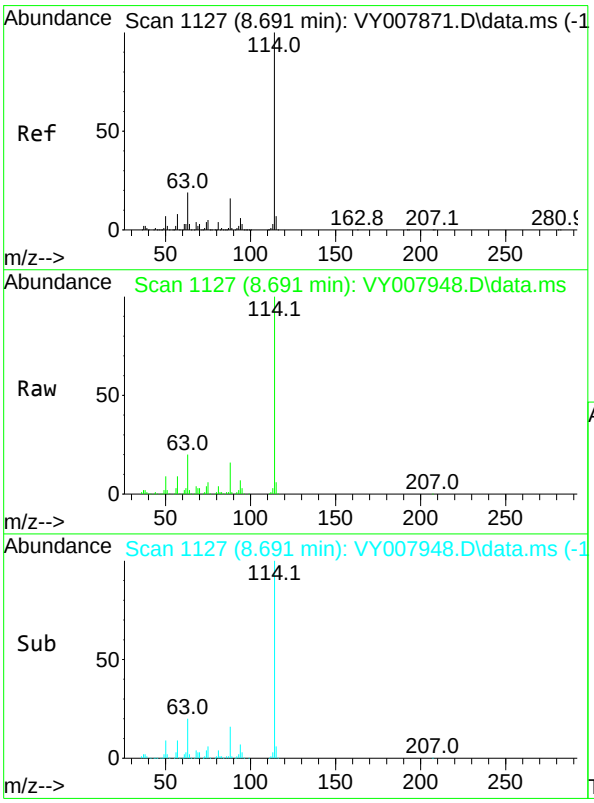
#33
1,2-Dichloroethane-d4
Concen: 41.238 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 65 Resp: 38332

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	99.4

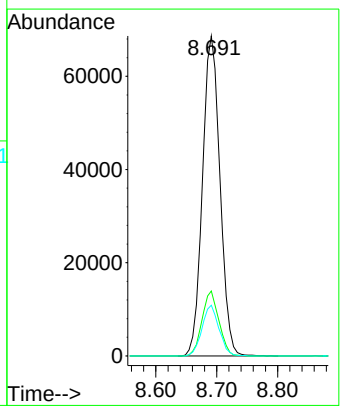


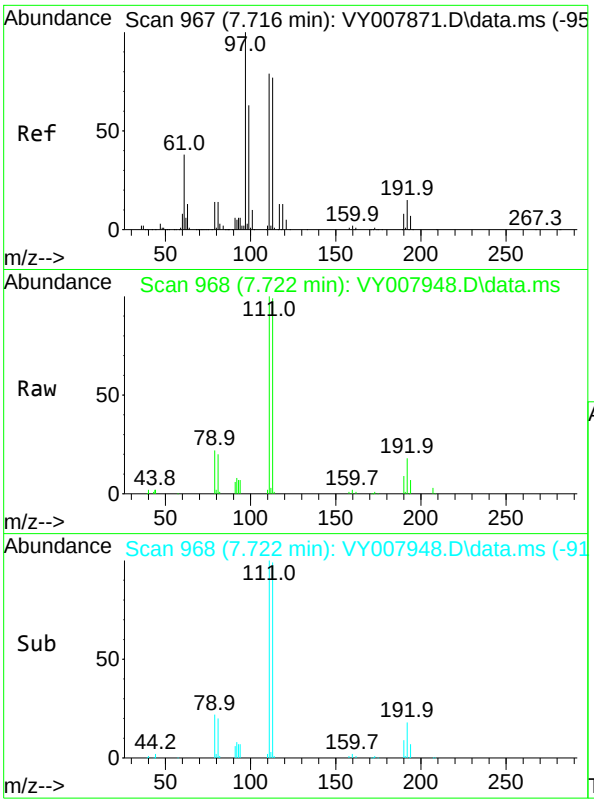


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion:114 Resp: 137279

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	15.8	0.0	31.8



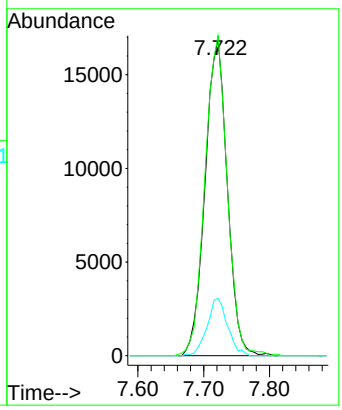


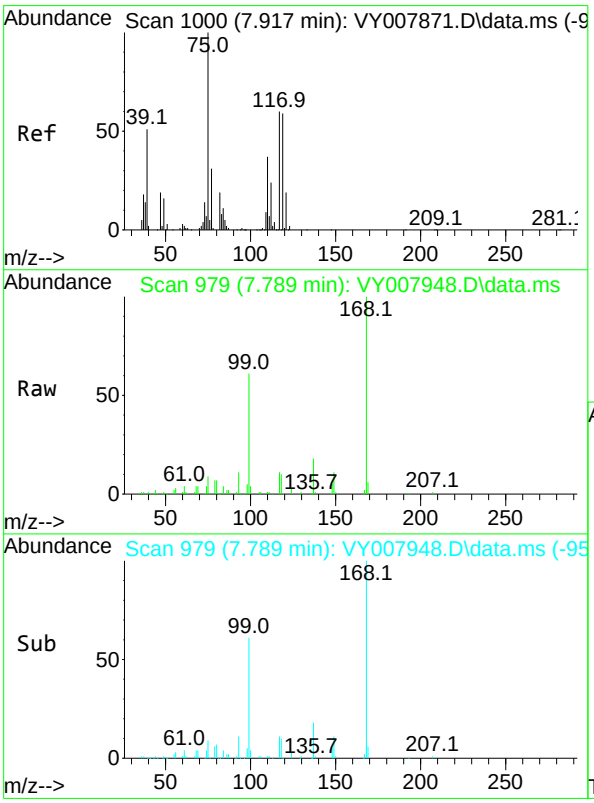
#35
Dibromofluoromethane
Concen: 41.175 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:113 Resp: 39697

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	16.7	17.6	26.4#

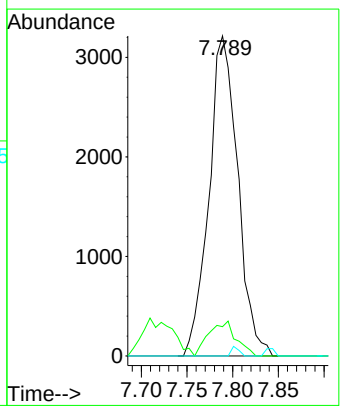


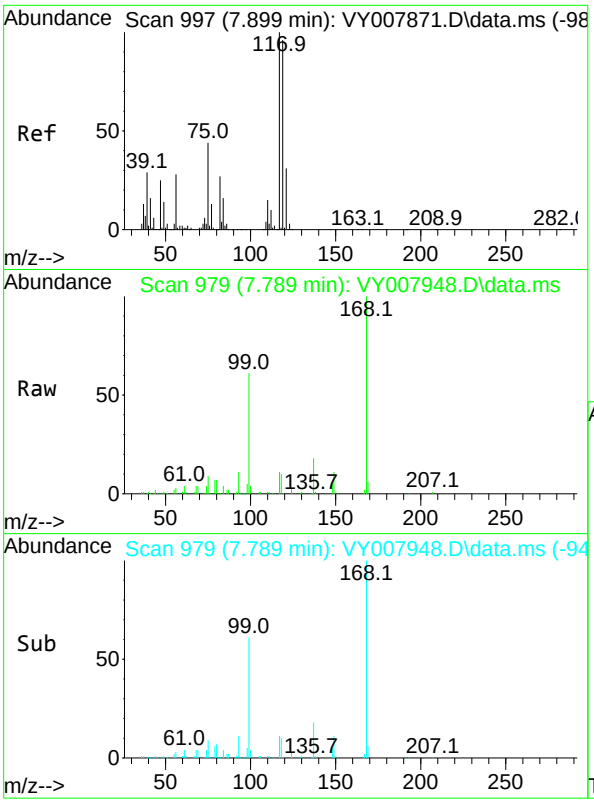


#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 75 Resp: 7055

Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.1	51.2#
77	0.8	24.4	36.6#



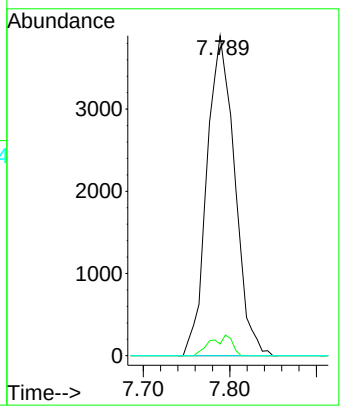


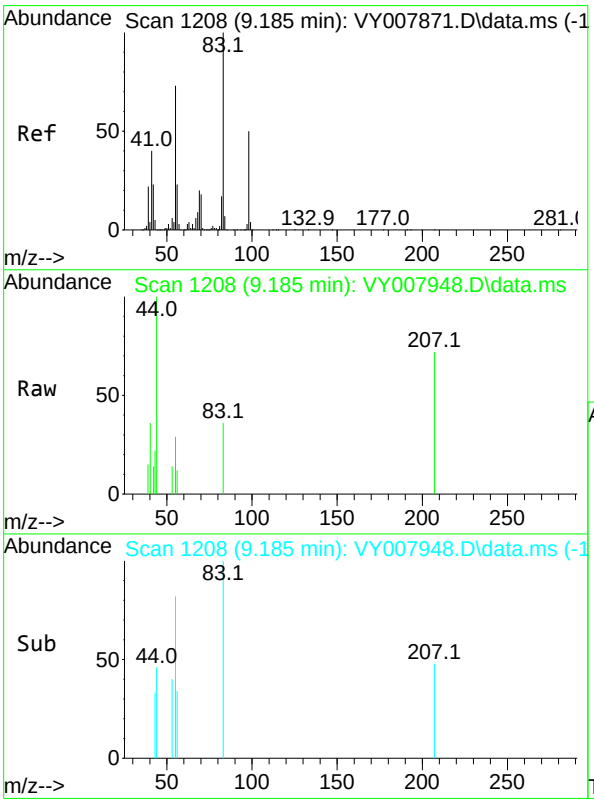
#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:117 Resp: 8688

Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.9	116.9#
121	0.0	24.8	37.2#

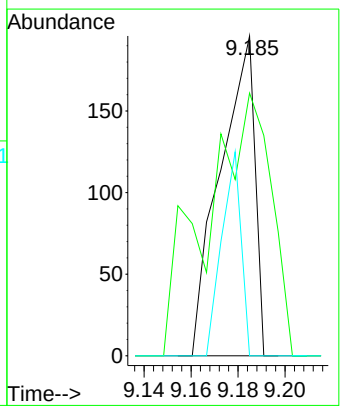


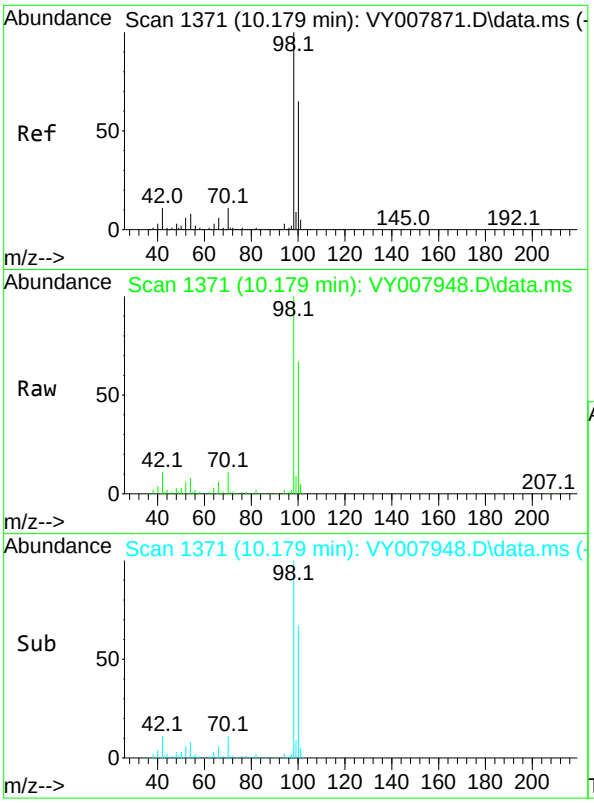


#39
Methylcyclohexane
Concen: Below Cal
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 83 Resp: 200

Ion	Ratio	Lower	Upper
83	100		
55	43.4	66.5	99.7#
98	0.0	37.9	56.9#



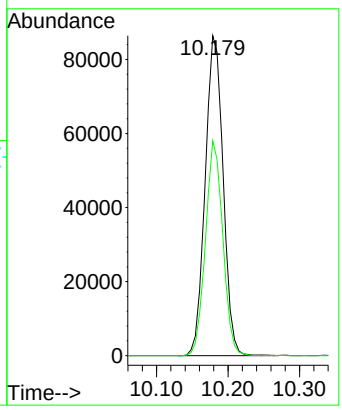


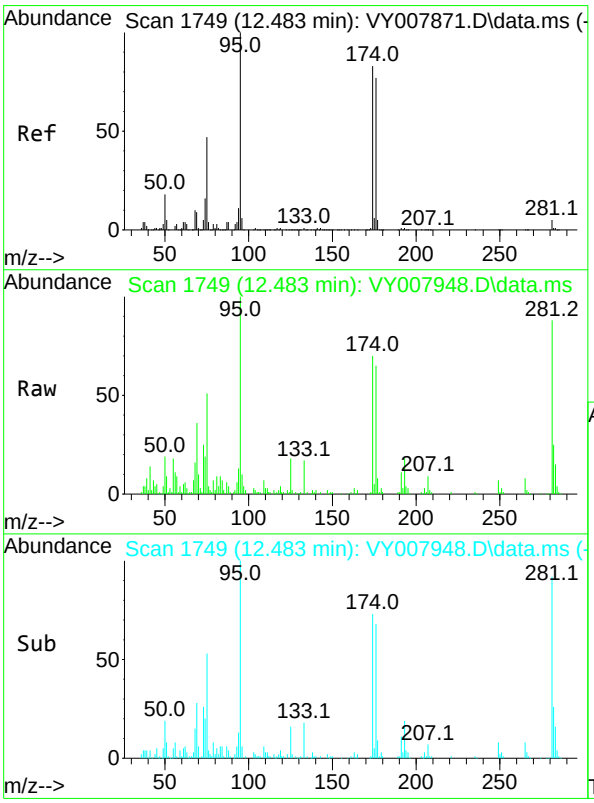
#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 98 Resp: 150581

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.2	75.2

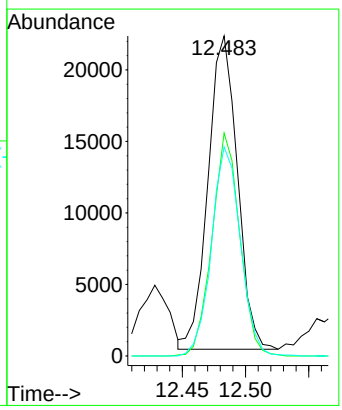


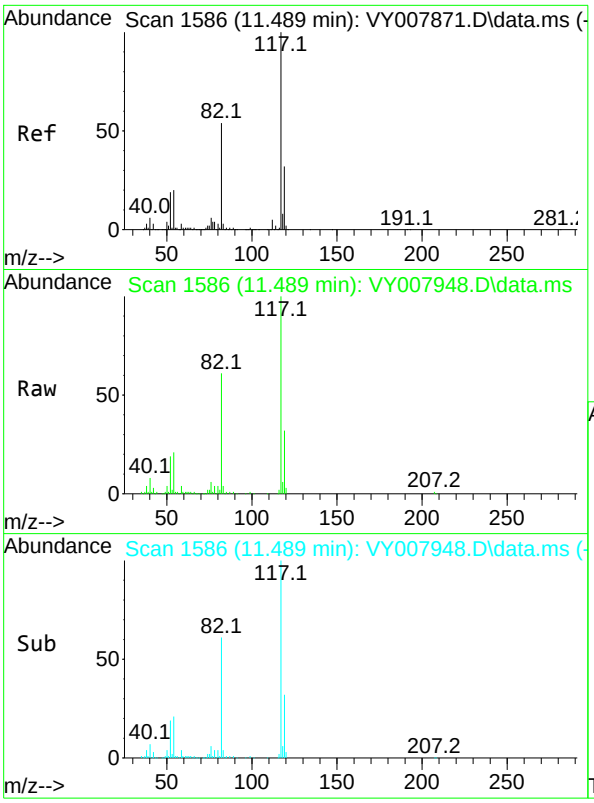


#62
4-Bromofluorobenzene
Concen: 25.482 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 95 Resp: 35258

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	177.0
176	66.0	0.0	175.8



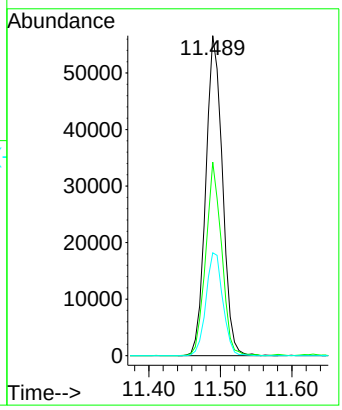


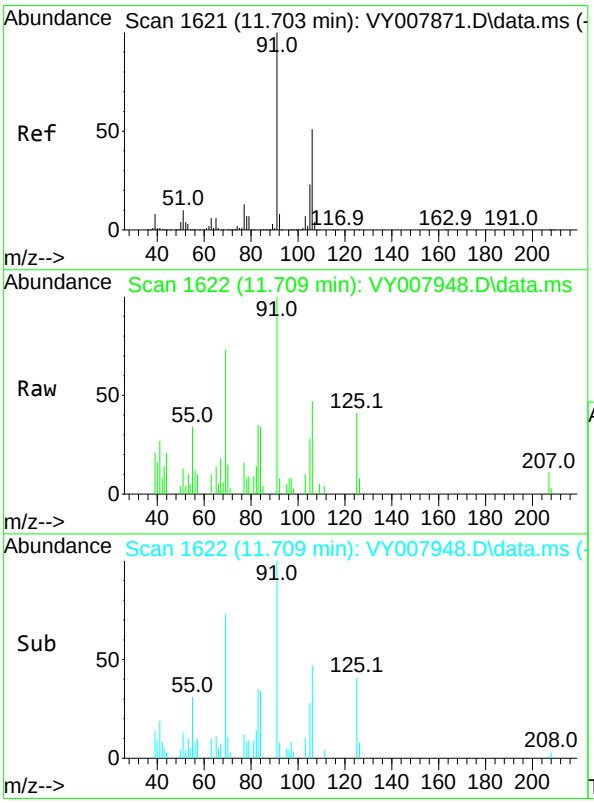
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:117 Resp: 91795

Ion	Ratio	Lower	Upper
117	100		
82	60.5	43.0	64.4
119	32.2	25.4	38.0

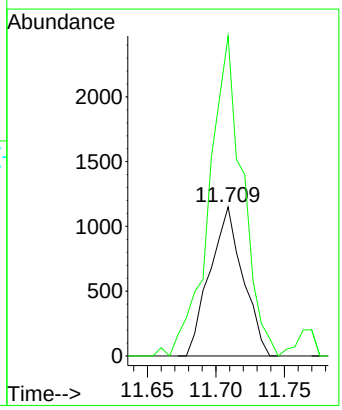


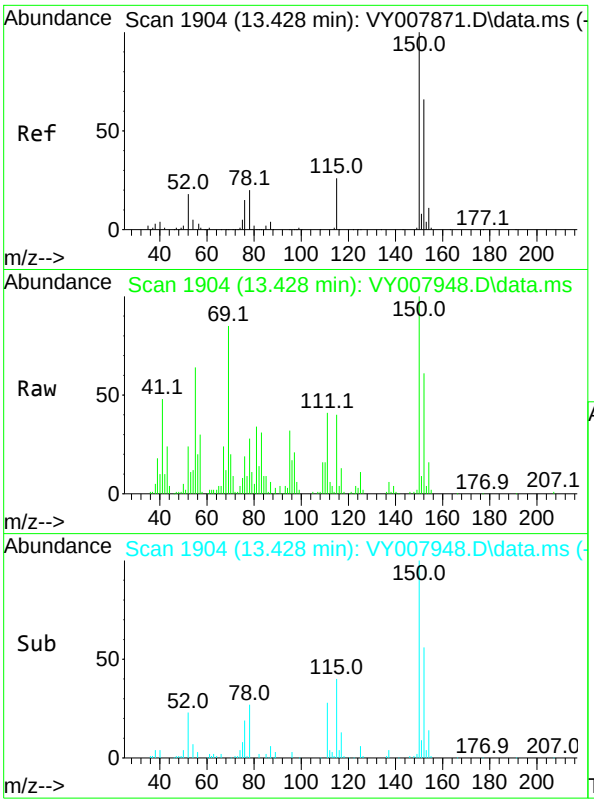


#68
m/p-Xylenes
Concen: 1.267 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion:106 Resp: 1936

Ion	Ratio	Lower	Upper
106	100		
91	216.9	166.6	249.8



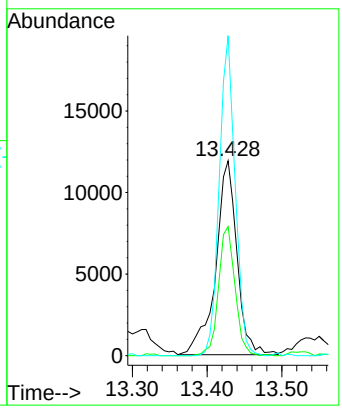


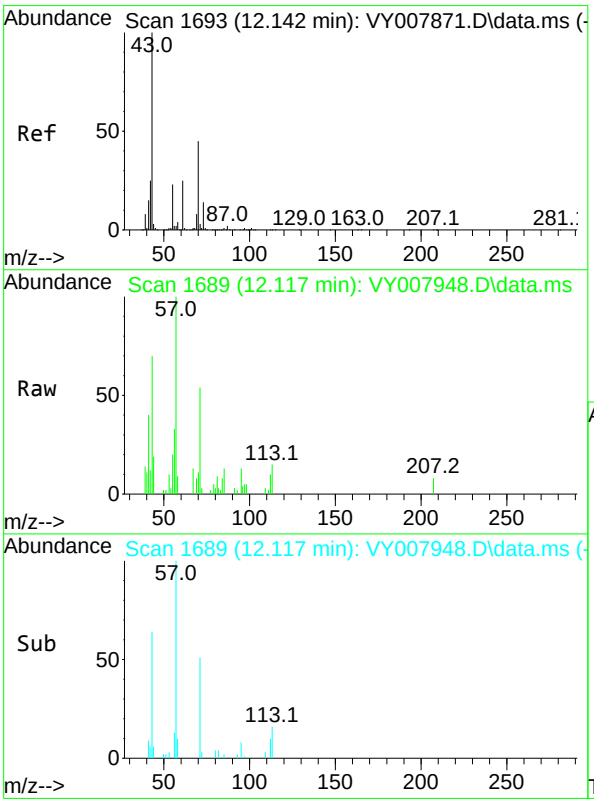
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:152 Resp: 23615

Ion	Ratio	Lower	Upper
152	100		
115	51.4	28.2	84.7
150	122.6	0.0	347.6

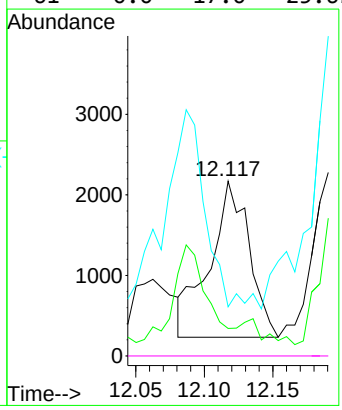


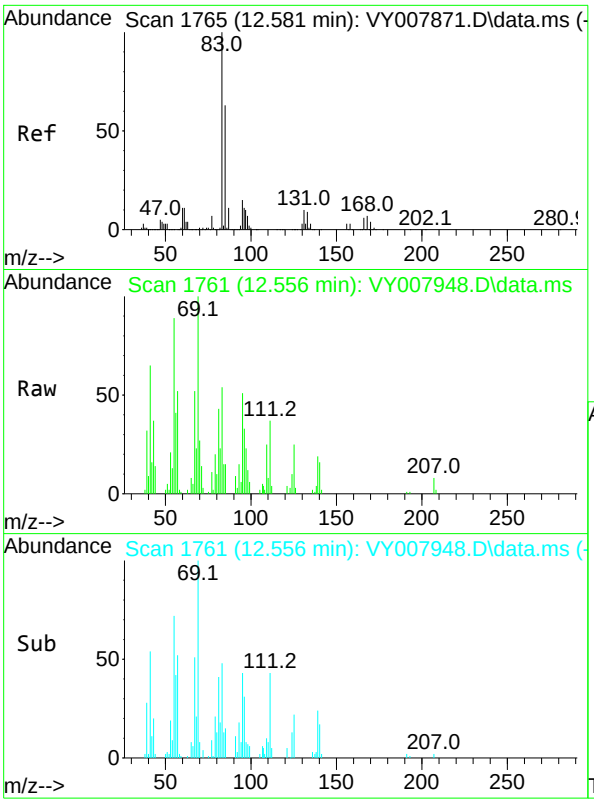


#74
N-amyl acetate
Concen: 6.335 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 43 Resp: 3885

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#



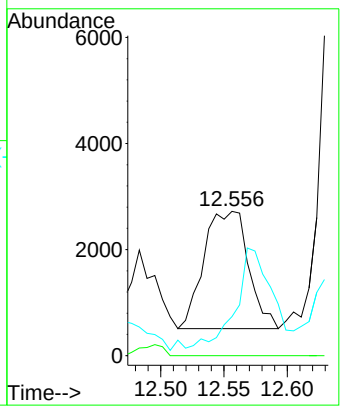


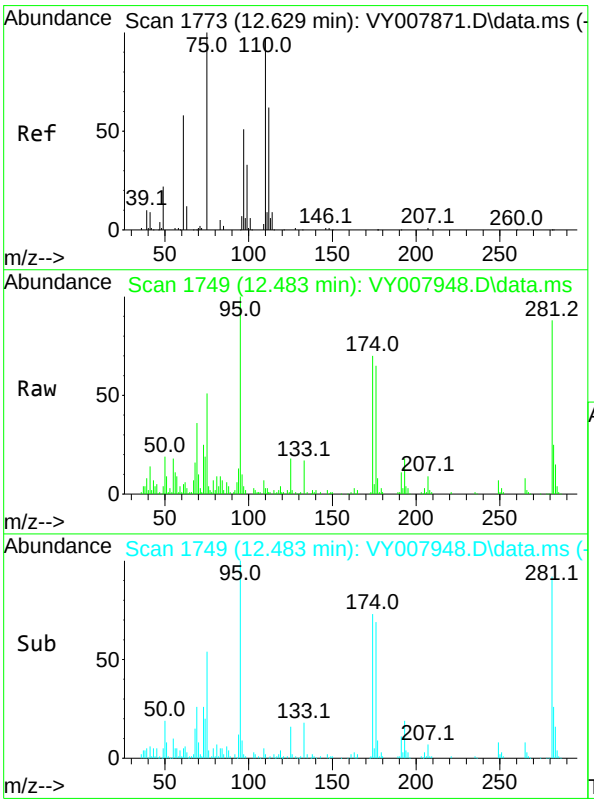
#75
1,1,2,2-Tetrachloroethane
Concen: 12.116 ug/l
RT: 12.556 min Scan# 1
Delta R.T. -0.025 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 83 Resp: 5421

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	68.5	32.3	96.8

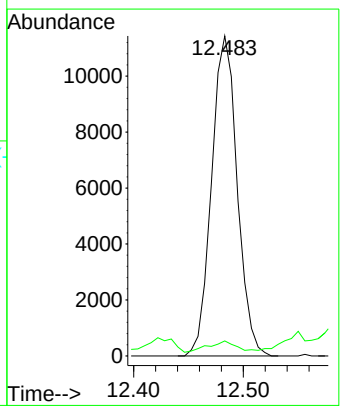


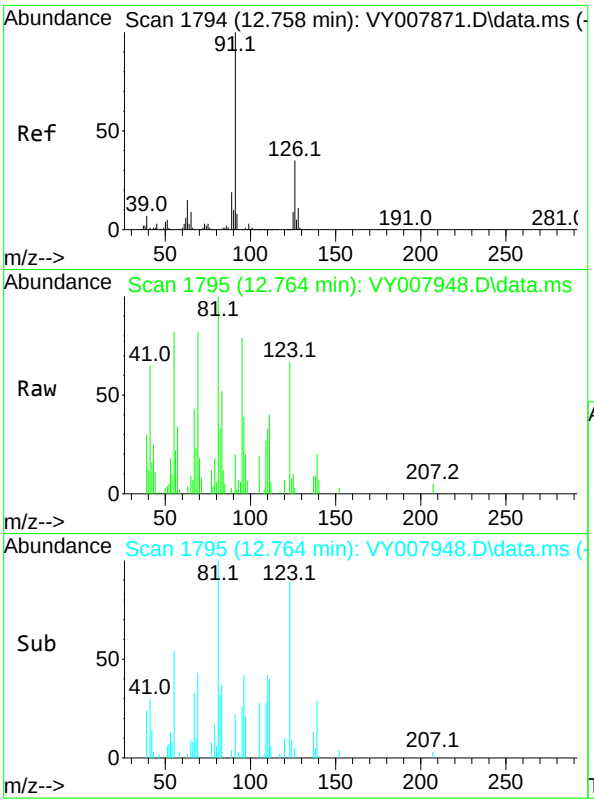


#76
1,2,3-Trichloropropane
Concen: 55.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 75 Resp: 18580

Ion	Ratio	Lower	Upper
75	100		
77	4.0	0.0	0.0#



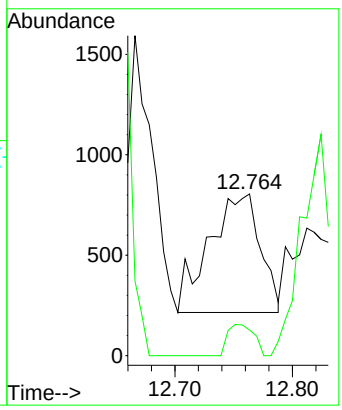


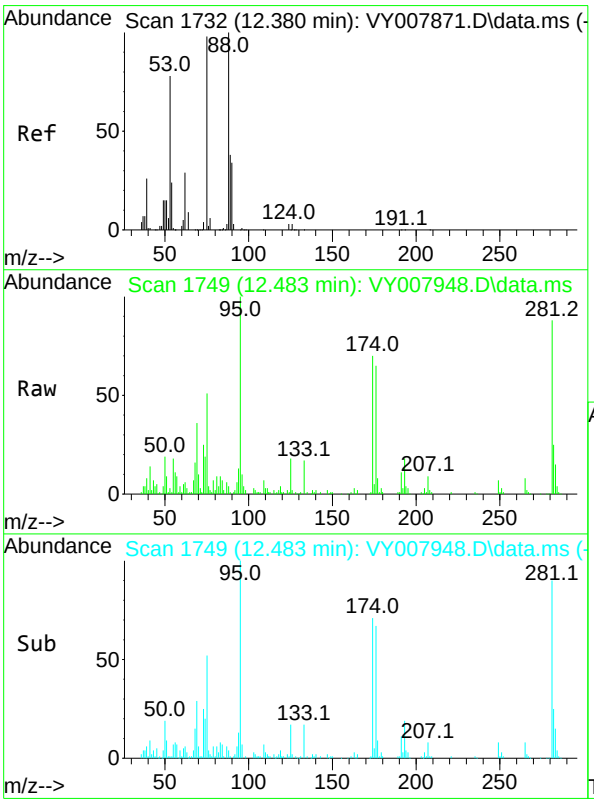
#79
2-Chlorotoluene
Concen: 1.263 ug/l
RT: 12.764 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion: 91 Resp: 1783

Ion	Ratio	Lower	Upper
91	100		
126	13.5	16.9	50.6#

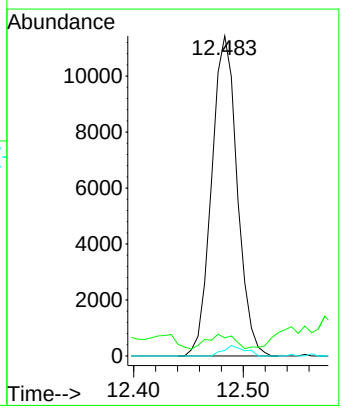


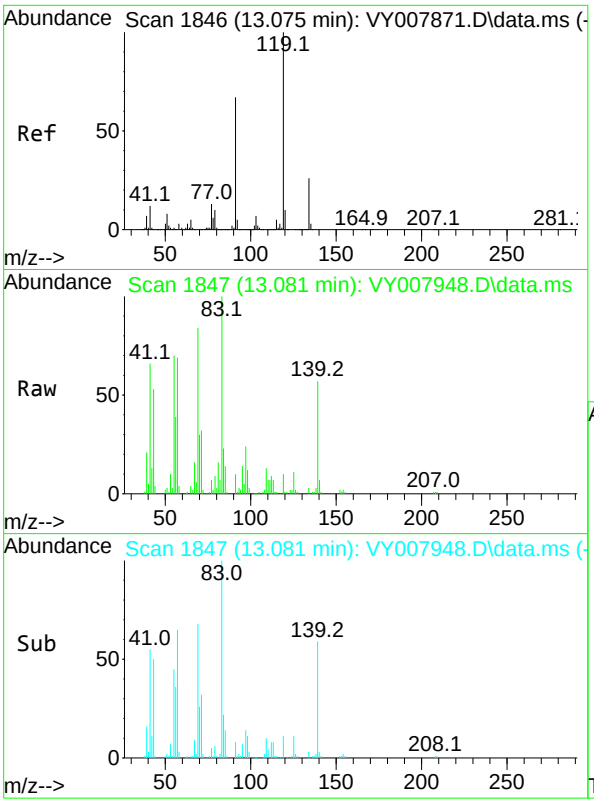


#81
trans-1,4-Dichloro-2-butene
Concen: 115.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 75 Resp: 18580

Ion	Ratio	Lower	Upper
75	100		
53	5.1	85.3	127.9#
89	2.8	37.0	55.4#



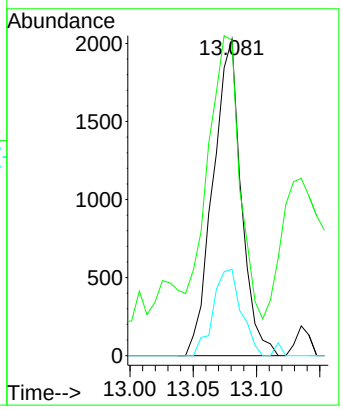


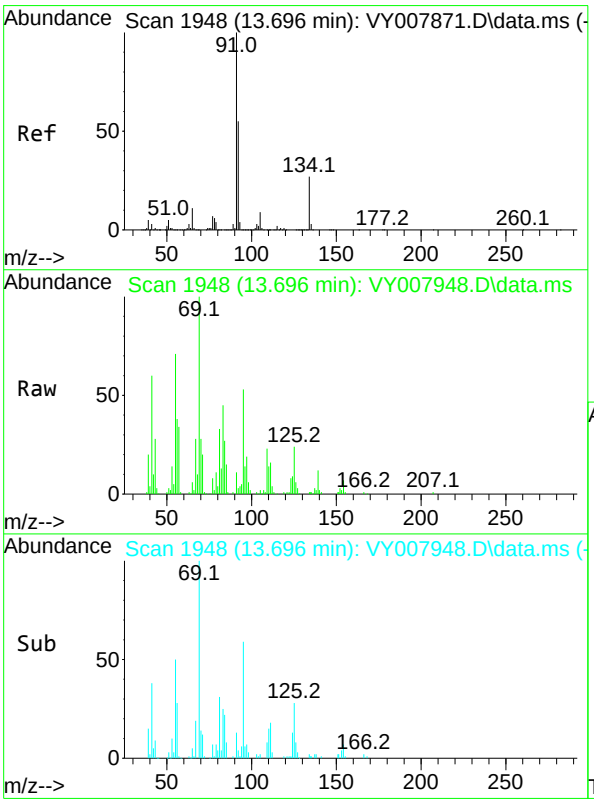
#83
tert-Butylbenzene
Concen: 2.056 ug/l
RT: 13.081 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:119 Resp: 3145

Ion	Ratio	Lower	Upper
119	100		
91	98.8	34.8	104.4
134	27.1	13.3	39.9

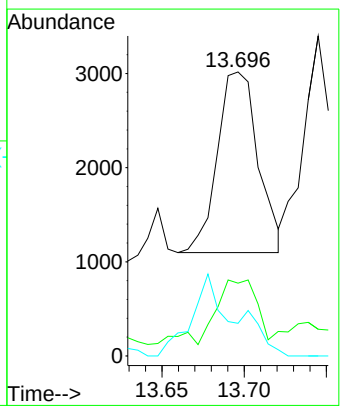


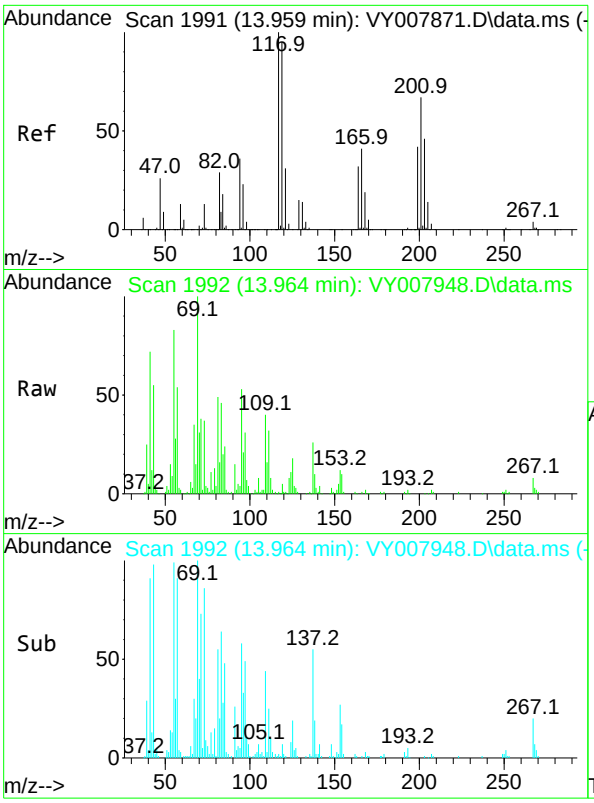


#89
n-Butylbenzene
Concen: 1.853 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 91 Resp: 3309

Ion	Ratio	Lower	Upper
91	100		
92	43.6	26.3	78.9
134	47.5	13.0	38.9#



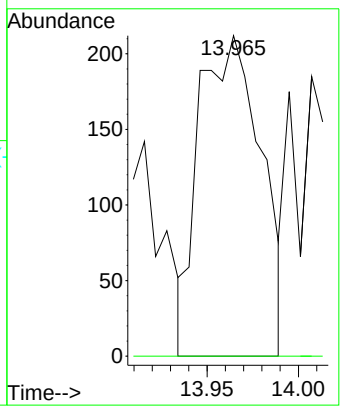


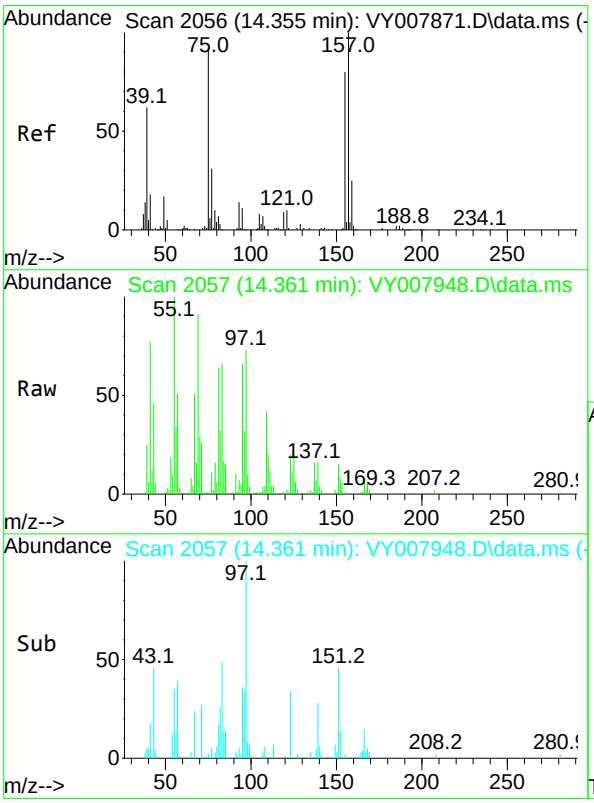
#90
Hexachloroethane
Concen: 1.343 ug/l
RT: 13.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:117 Resp: 499

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.0	128.8#

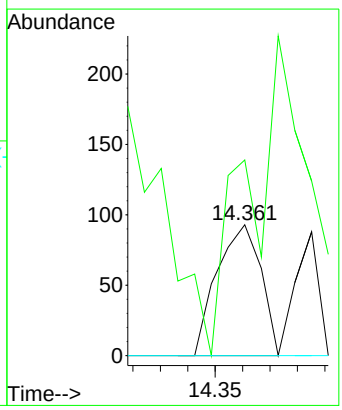


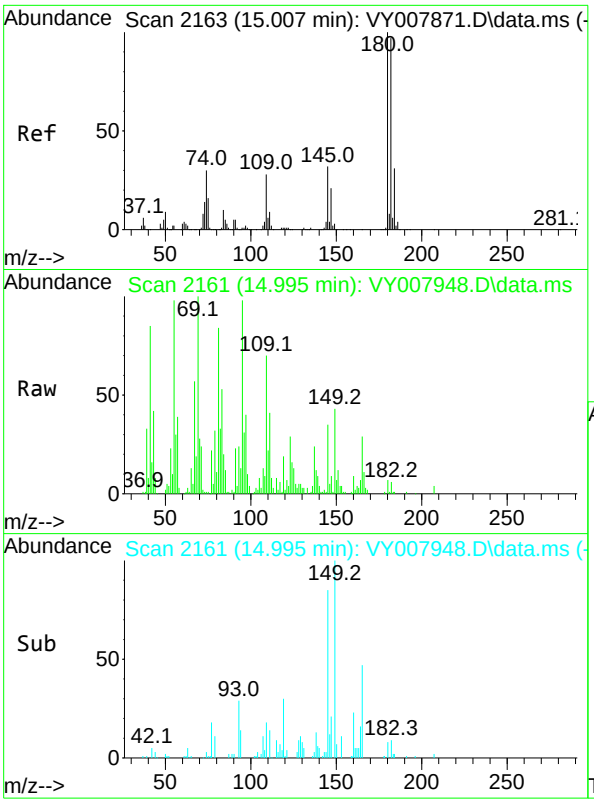


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.338 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion: 75 Resp: 103

Ion	Ratio	Lower	Upper
75	100		
155	327.2	38.0	113.9#
157	0.0	47.8	143.3#



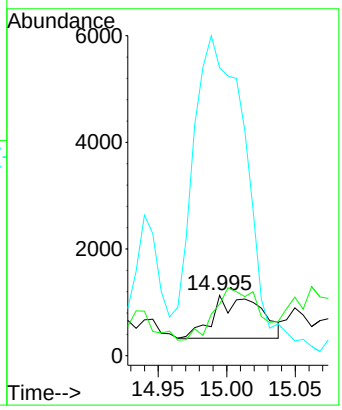


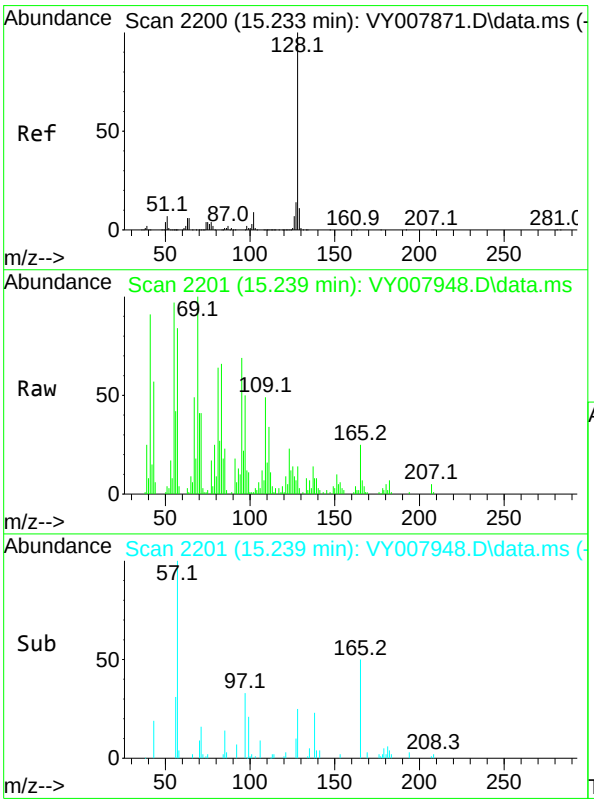
#93
1,2,4-Trichlorobenzene
Concen: 3.674 ug/l
RT: 14.995 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:180 Resp: 1938

Ion	Ratio	Lower	Upper
180	100		
182	110.5	47.3	141.9
145	829.9	14.6	43.8#

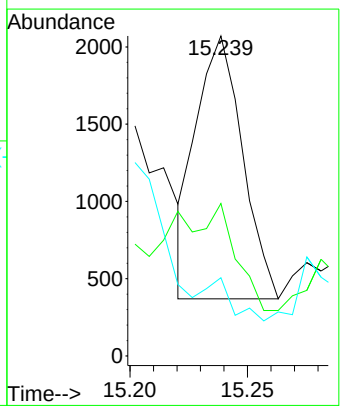


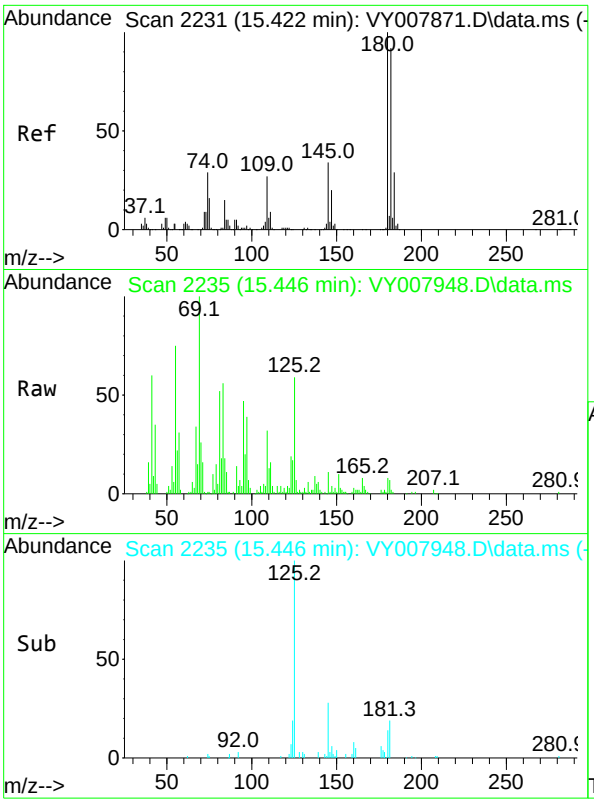


#95
Naphthalene
Concen: 1.982 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

Tgt Ion:128 Resp: 2332

Ion	Ratio	Lower	Upper
128	100		
127	53.1	11.0	16.4#
129	0.0	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 4.166 ug/l
RT: 15.446 min Scan# 2
Delta R.T. 0.018 min
Lab File: VY007948.D
Acq: 21 Mar 2022 12:41

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

Tgt Ion:180 Resp: 1938

Ion	Ratio	Lower	Upper
180	100		
182	73.6	47.3	141.9
145	0.0	15.3	45.9#