Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
Data File : VY009810.D
Acq On : 01 Aug 2022 20:32
Operator : KP/MD
Sample : N39601-01
Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Quant Time: Aug 02 01:43:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	3302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2270	109.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 218.840%#			
35) Dibromofluoromethane	7.704	113	384	14.272	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 28.540%#			
50) Toluene-d8	10.179	98	4685	60.697	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 121.400%			
62) 4-Bromofluorobenzene	12.483	95	1449	40.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 81.240%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	195	5.418	ug/l #	44
5) Bromomethane	2.662	94	219	7.865	ug/l	90
10) Methyl Iodide	4.101	142	233	5.985	ug/l #	35
16) Acetone	3.942	43	40	5.067	ug/l #	47
20) Methylene Chloride	4.704	84	997	20.615	ug/l #	61
36) 1,1-Dichloropropene	7.789	75	170	3.883	ug/l #	42
38) Carbon Tetrachloride	7.783	117	268	5.713	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	780	39.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	780	78.474	ug/l #	7

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

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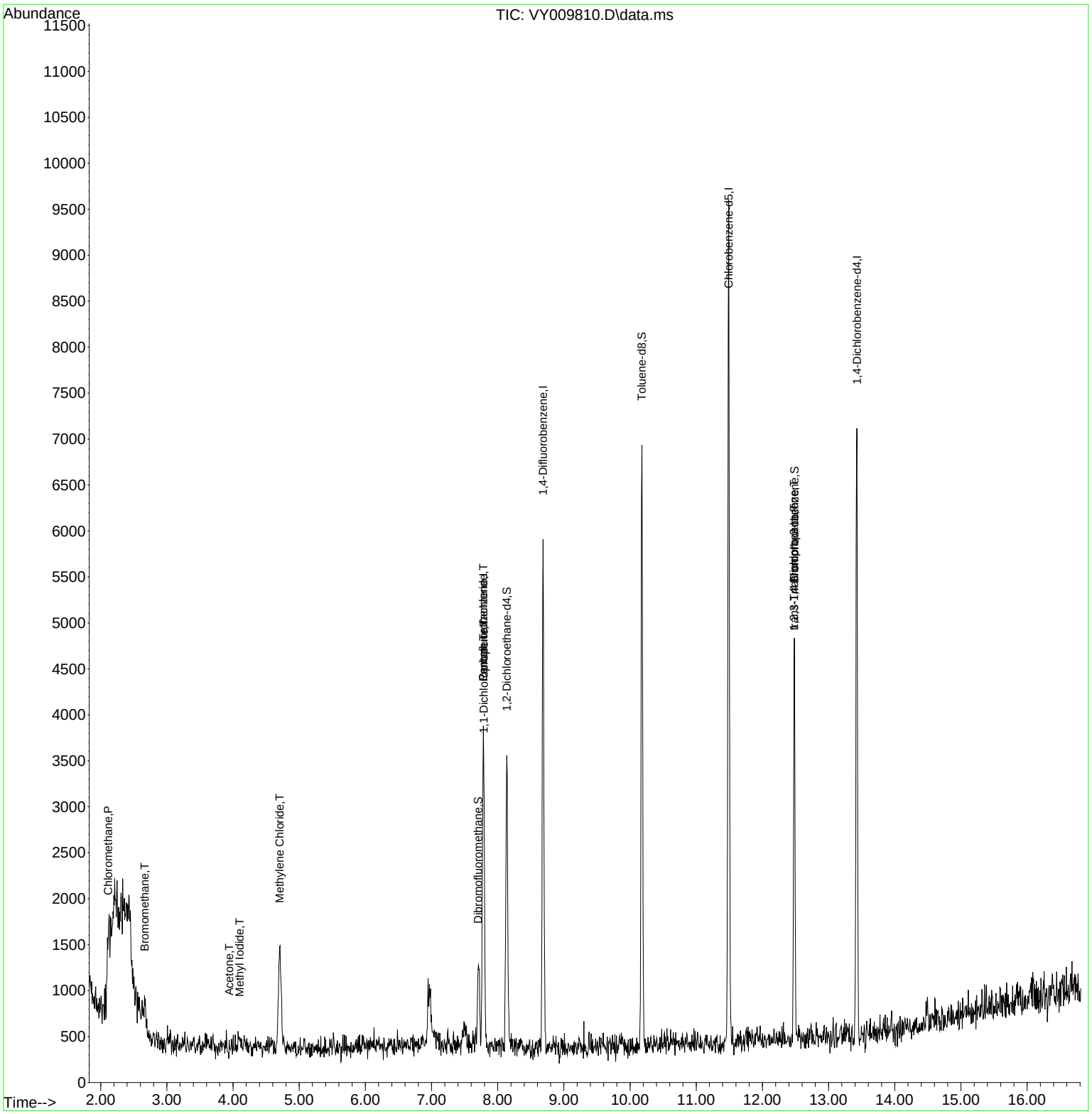
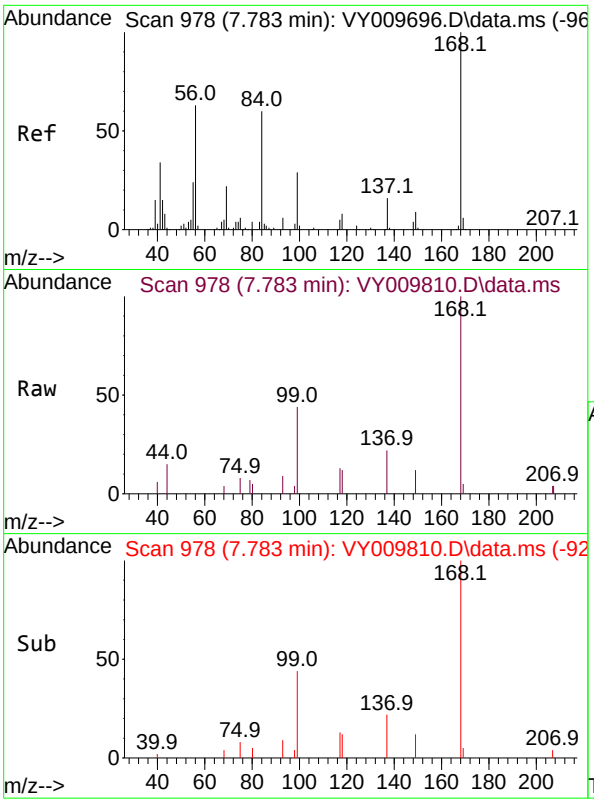


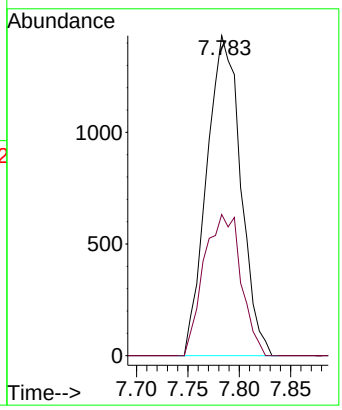


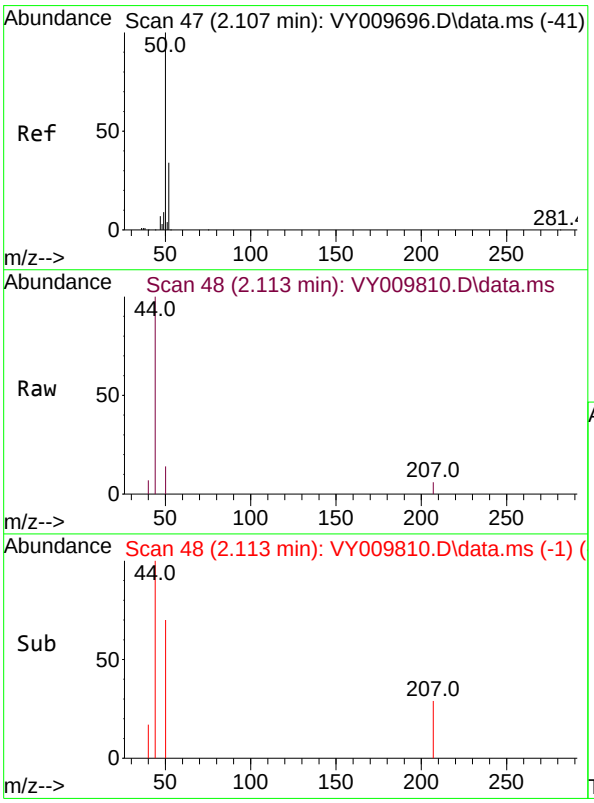
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion:168 Resp: 3302

Ion	Ratio	Lower	Upper
168	100		
99	44.1	46.9	70.3#

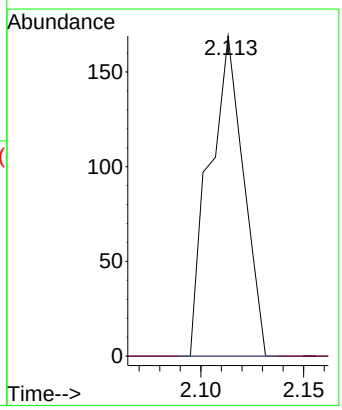


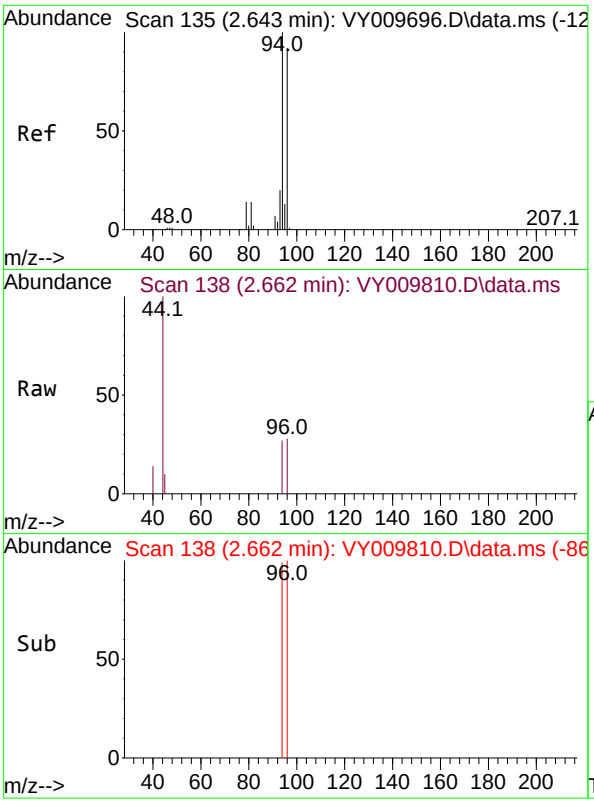


#3
Chloromethane
Concen: 5.418 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion: 50 Resp: 195

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



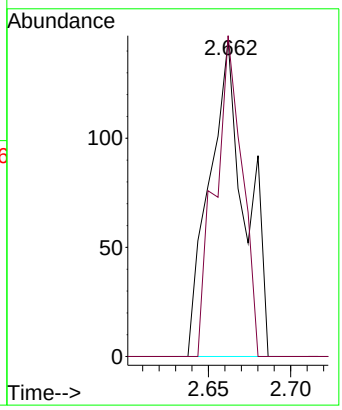


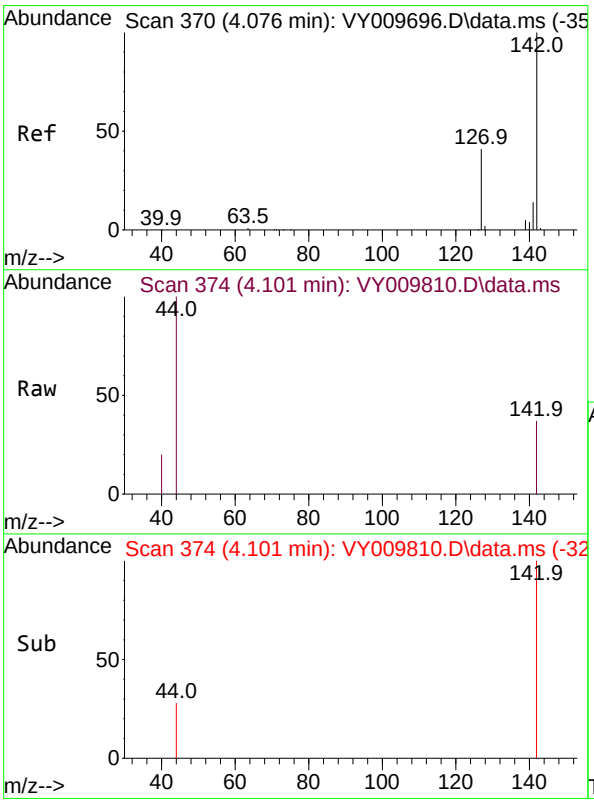
#5
Bromomethane
Concen: 7.865 ug/l
RT: 2.662 min Scan# 1
Delta R.T. 0.019 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 94 Resp: 219

Ion	Ratio	Lower	Upper
94	100		
96	101.4	73.5	110.3

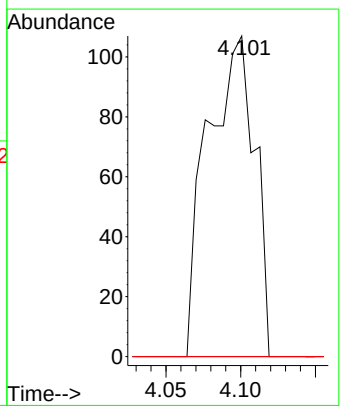


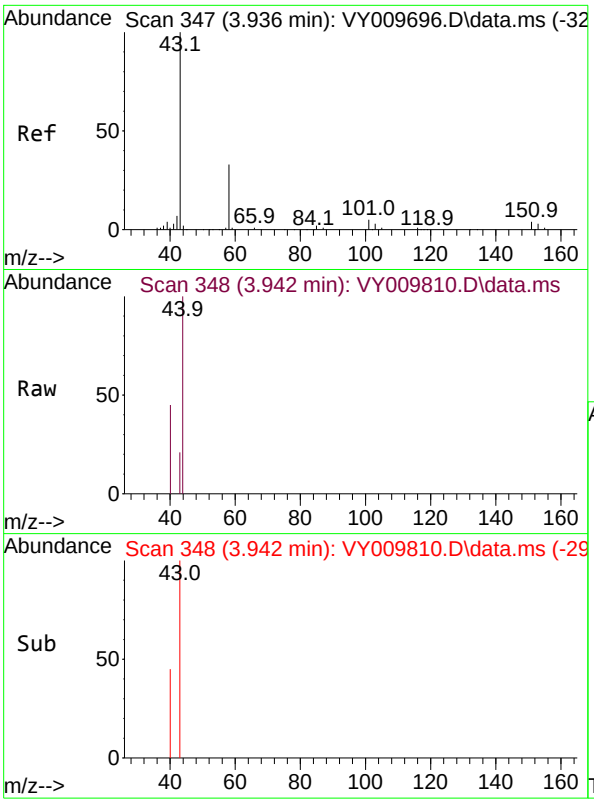


#10
Methyl Iodide
Concen: 5.985 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.025 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion:142 Resp: 233

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



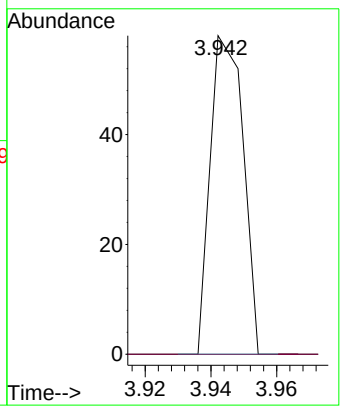


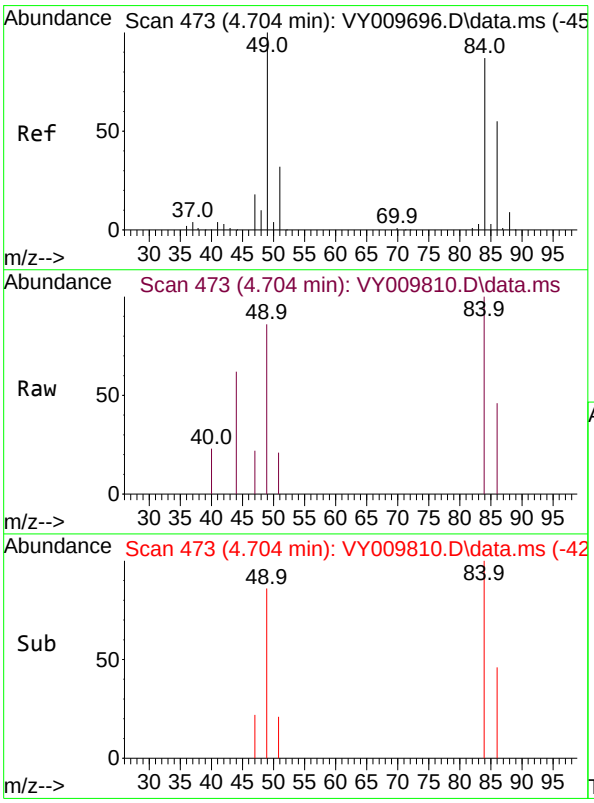
#16
Acetone
Concen: 5.067 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 43 Resp: 40

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

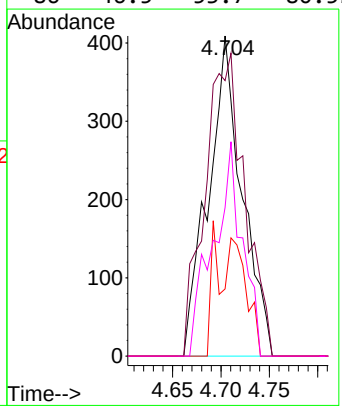


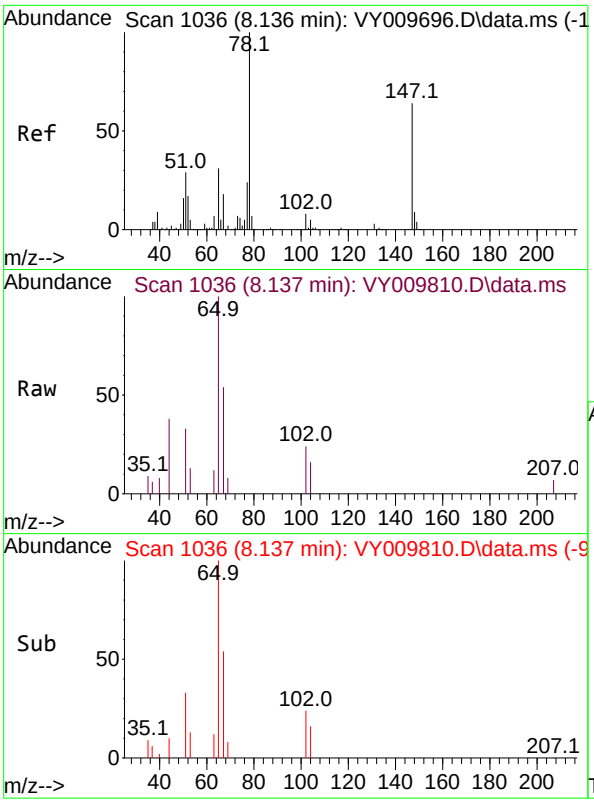


#20
Methylene Chloride
Concen: 20.615 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion: 84 Resp: 997

Ion	Ratio	Lower	Upper
84	100		
49	86.1	114.4	171.6#
51	21.0	35.3	52.9#
86	46.5	53.7	80.5#



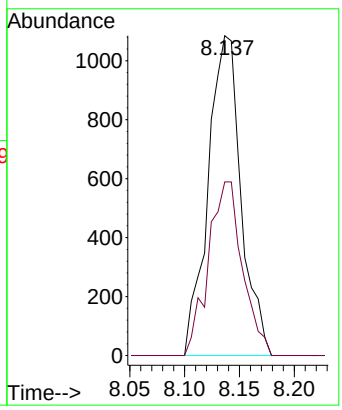


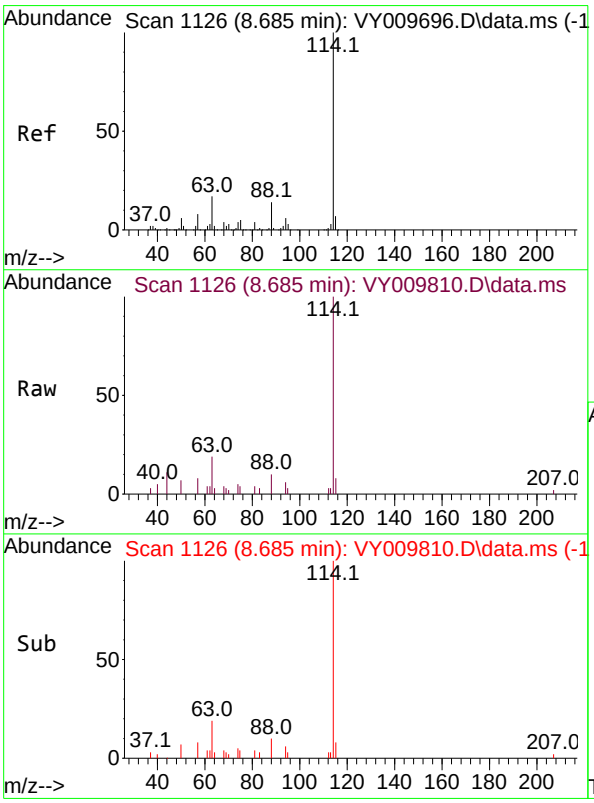
#33
1,2-Dichloroethane-d4
Concen: 109.416 ug/l
RT: 8.137 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 65 Resp: 2270

Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	99.4

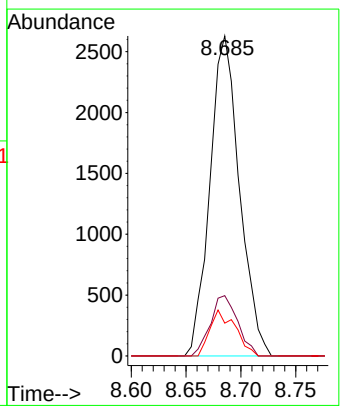


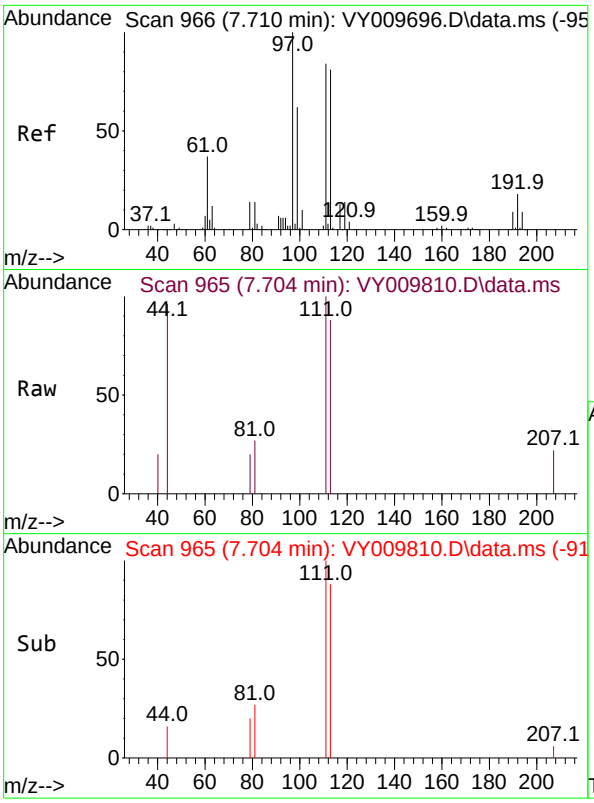


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion:114 Resp: 4947

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	10.2	0.0	31.8



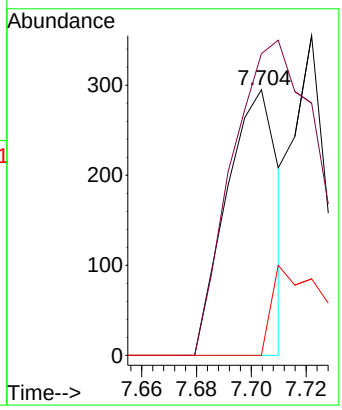


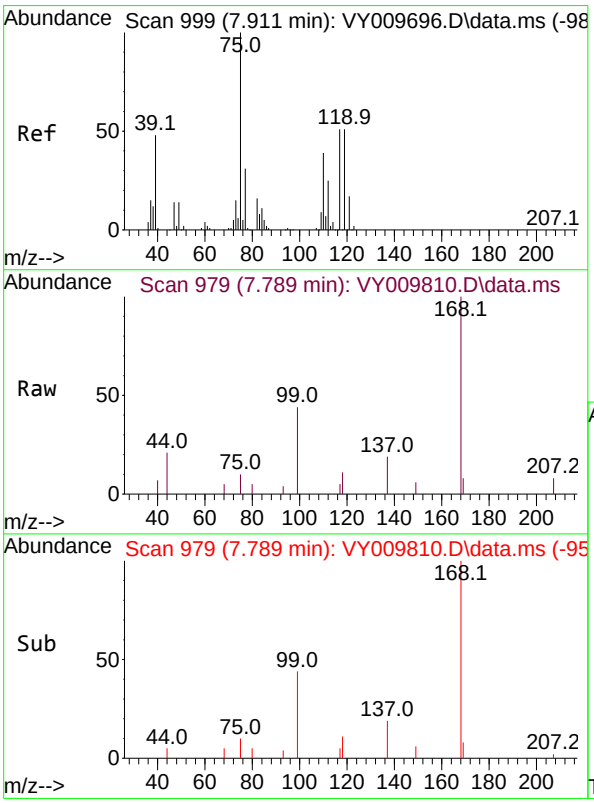
#35
Dibromofluoromethane
Concen: 14.272 ug/l
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion:113 Resp: 384

Ion	Ratio	Lower	Upper
113	100		
111	210.2	82.6	124.0#
192	35.9	17.6	26.4#

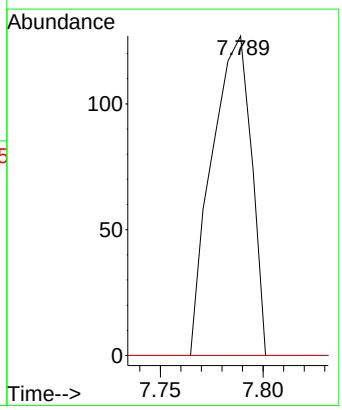


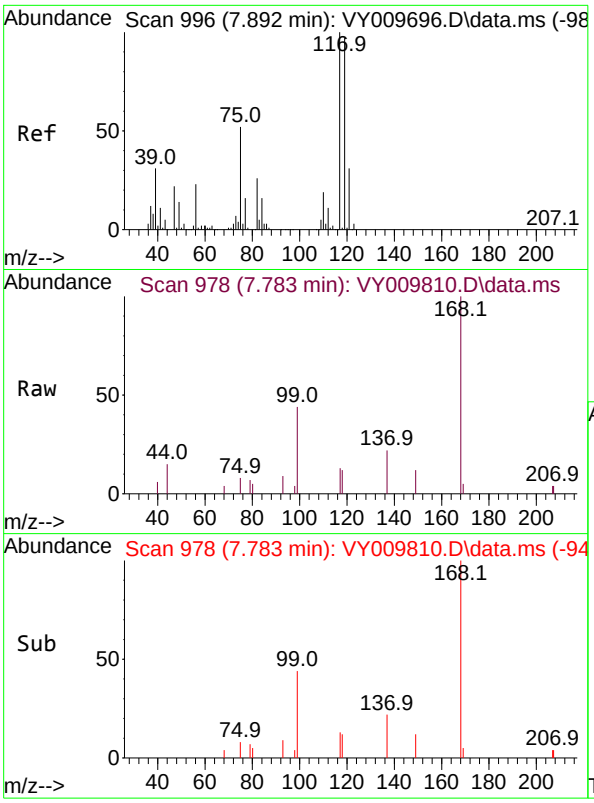


#36
1,1-Dichloropropene
Concen: 3.883 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion: 75 Resp: 170

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



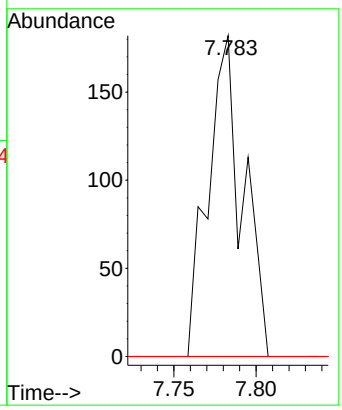


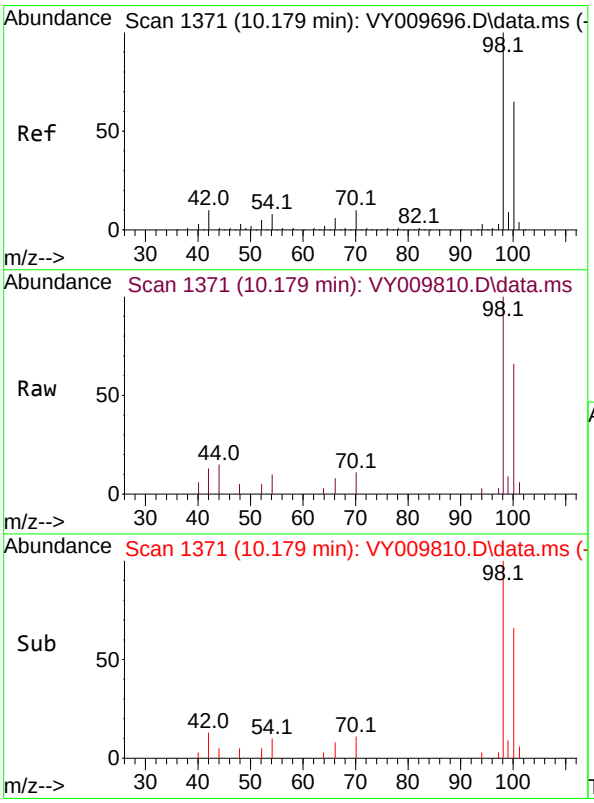
#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.109 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion:117 Resp: 268

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

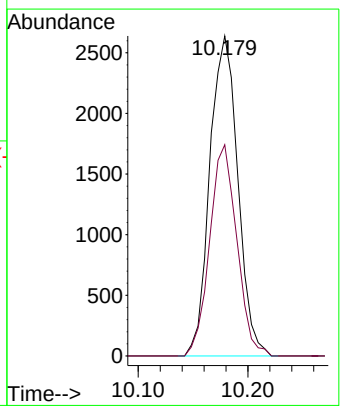


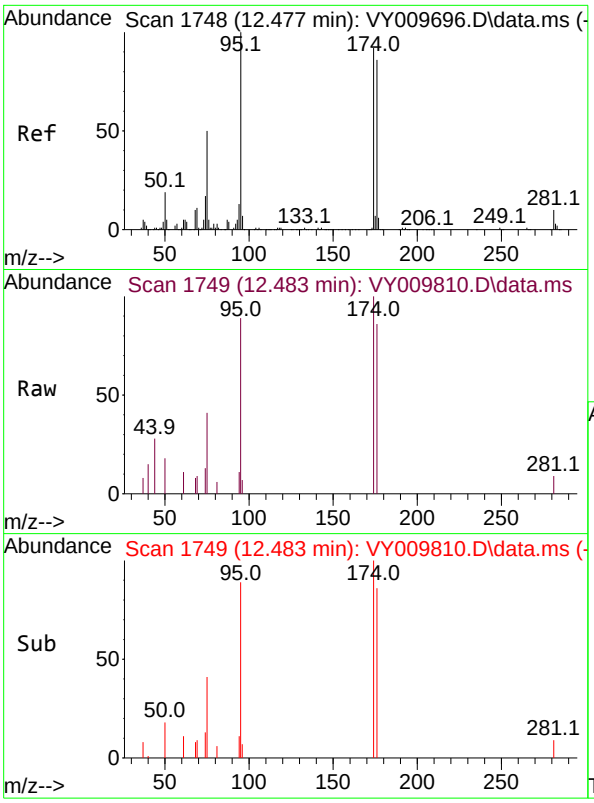


#50
Toluene-d8
Concen: 60.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion: 98 Resp: 4685

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2



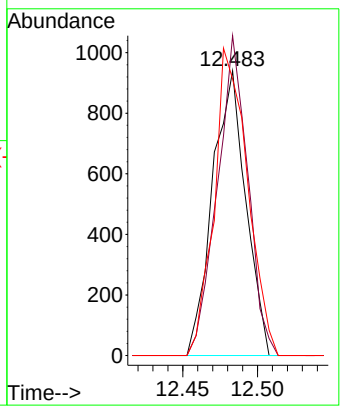


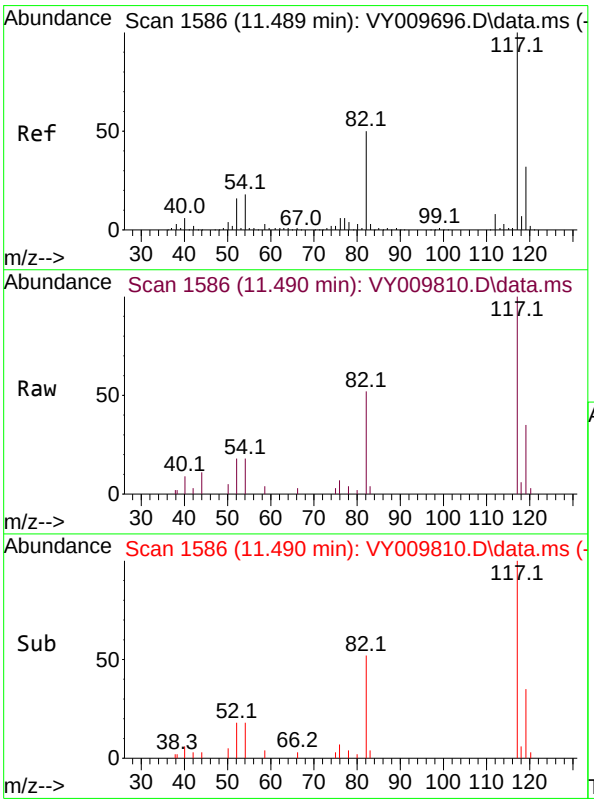
#62
4-Bromofluorobenzene
Concen: 40.615 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 95 Resp: 1449

Ion	Ratio	Lower	Upper
95	100		
174	103.1	0.0	177.0
176	108.9	0.0	175.8

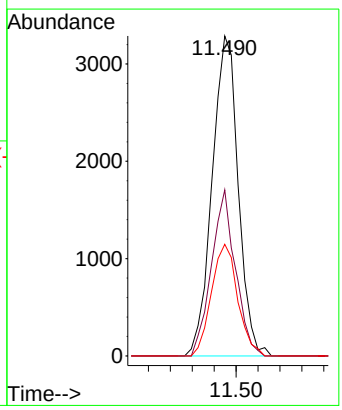


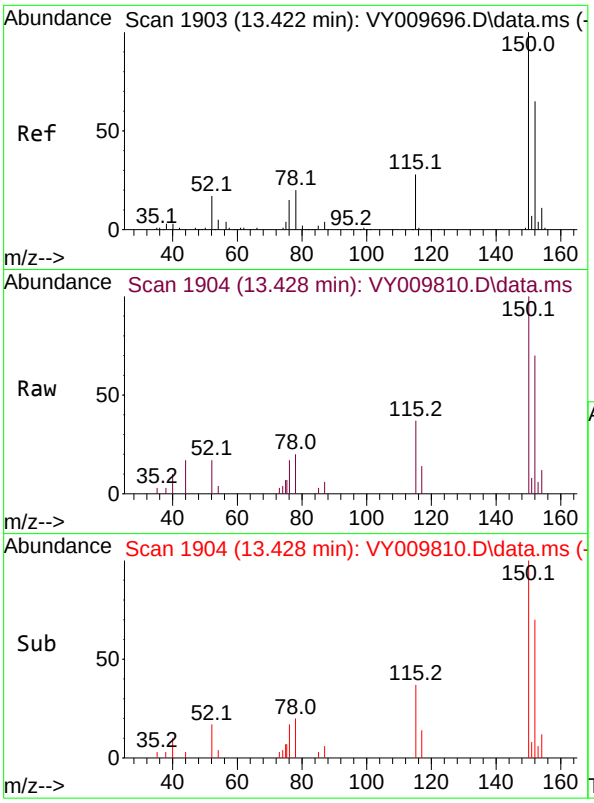


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion:117 Resp: 5430

Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.0	64.4
119	34.9	25.4	38.0



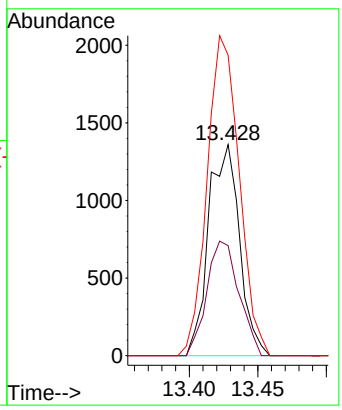


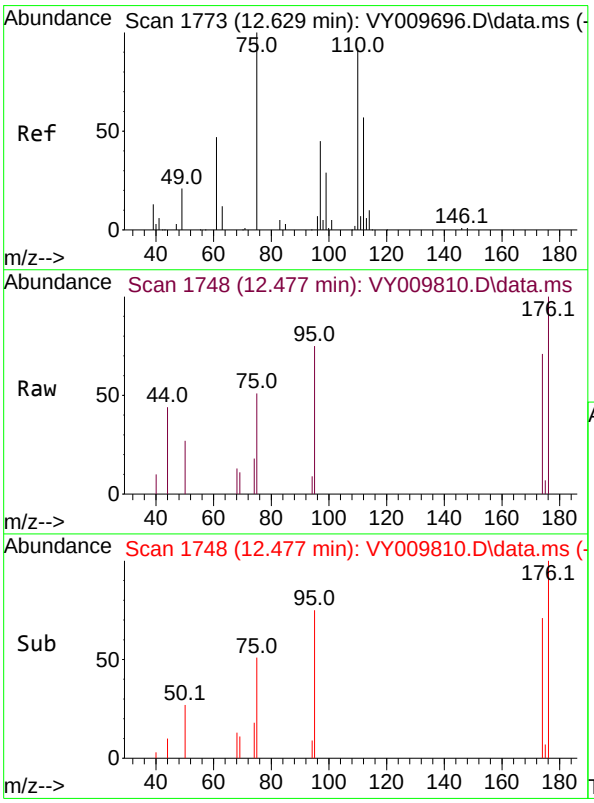
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion:152 Resp: 2133

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	157.4	0.0	347.6

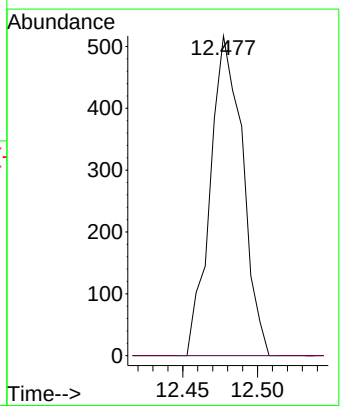


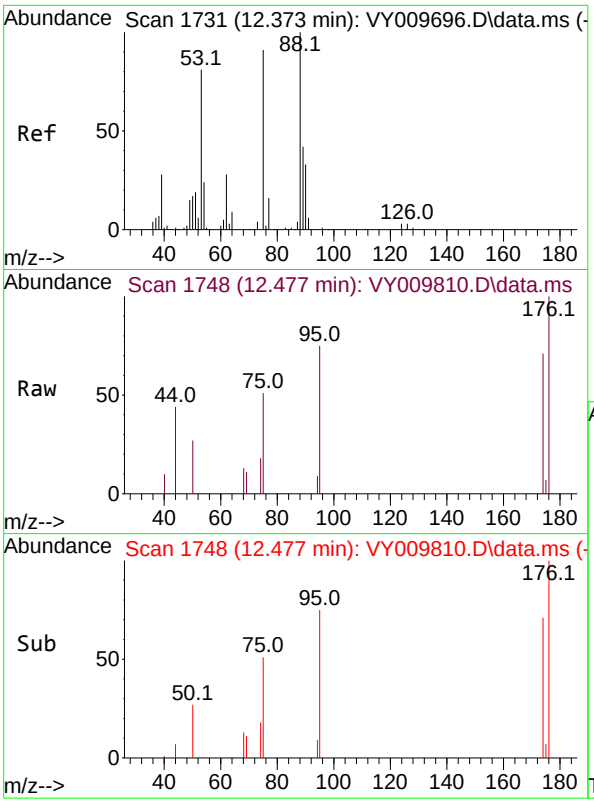


#76
1,2,3-Trichloropropane
Concen: 39.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Tgt Ion: 75 Resp: 780

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 78.474 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY009810.D
Acq: 01 Aug 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 75 Resp: 780

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