Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
Data File : VY011363.D
Acq On : 08 Nov 2022 15:41
Operator : KP/MD
Sample : N5415-15
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 17:02:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	4337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2653	57.196	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.400%			
35) Dibromofluoromethane	7.722	113	1339	29.503	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 59.000%			
50) Toluene-d8	10.179	98	7612	43.197	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.400%			
62) 4-Bromofluorobenzene	12.477	95	2230	36.453	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.900%			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	75	1.560	ug/l #	44
5) Bromomethane	2.662	94	228	6.362	ug/l	99
10) Methyl Iodide	4.088	142	280	4.559	ug/l #	87
16) Acetone	3.948	43	71	5.071	ug/l #	47
20) Methylene Chloride	4.716	84	972	13.282	ug/l #	77
36) 1,1-Dichloropropene	7.795	75	283	3.818	ug/l #	42
38) Carbon Tetrachloride	7.783	117	399	5.189	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1010	51.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1010	110.348	ug/l #	7

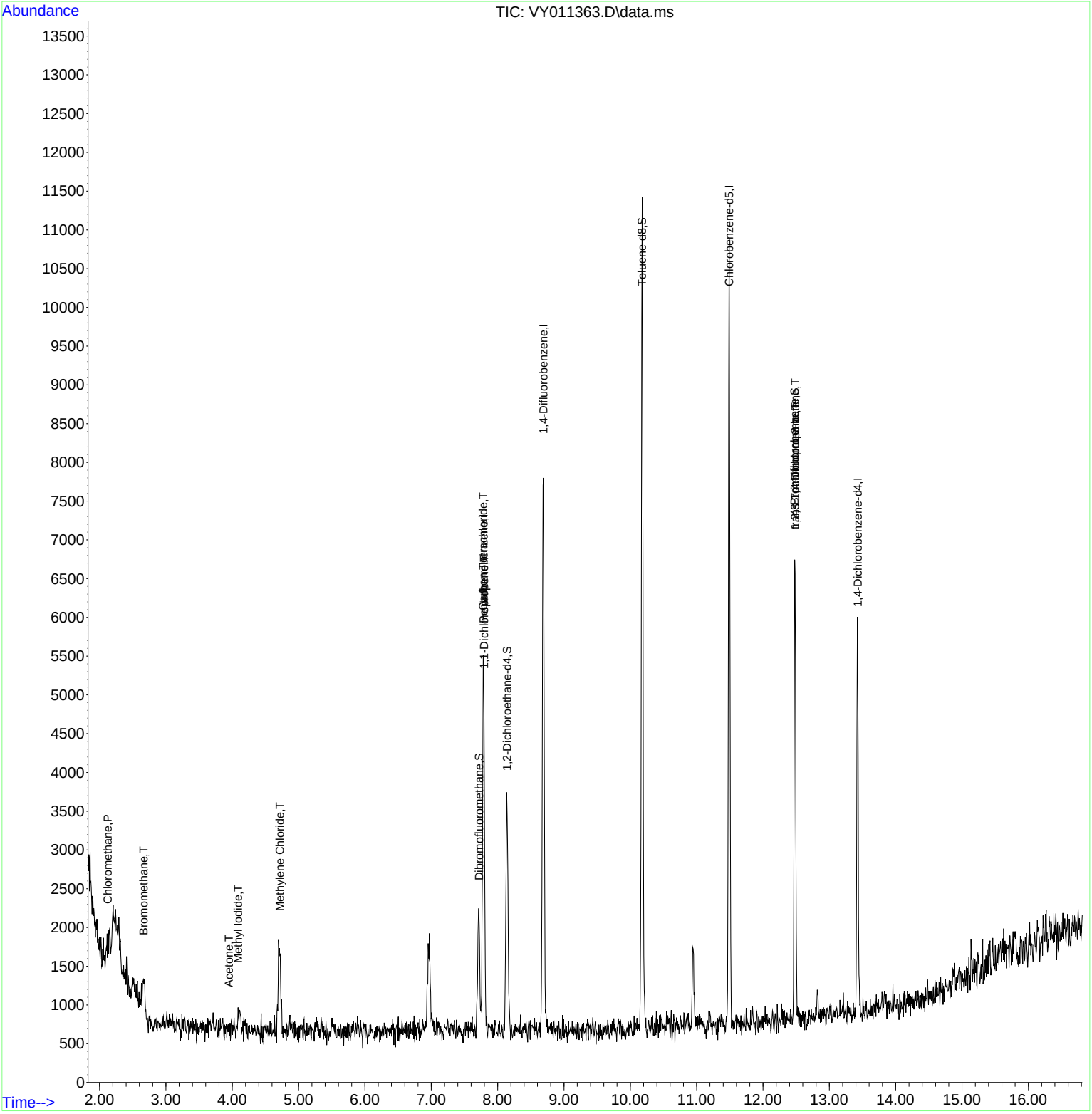
(#) = qualifier out of range (m) = manual integration (+) = signals summed

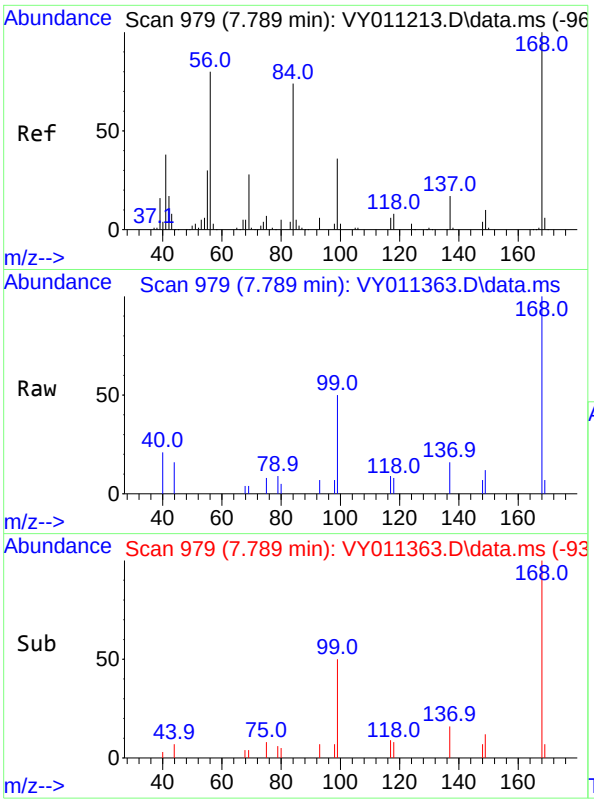
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
Data File : VY011363.D
Acq On : 08 Nov 2022 15:41
Operator : KP/MD
Sample : N5415-15
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 17:02:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration



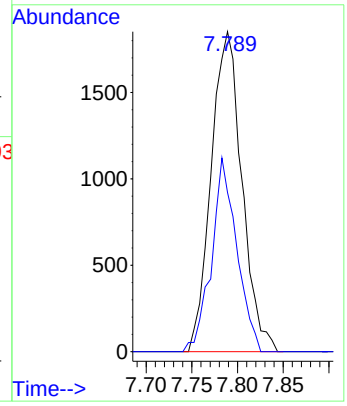


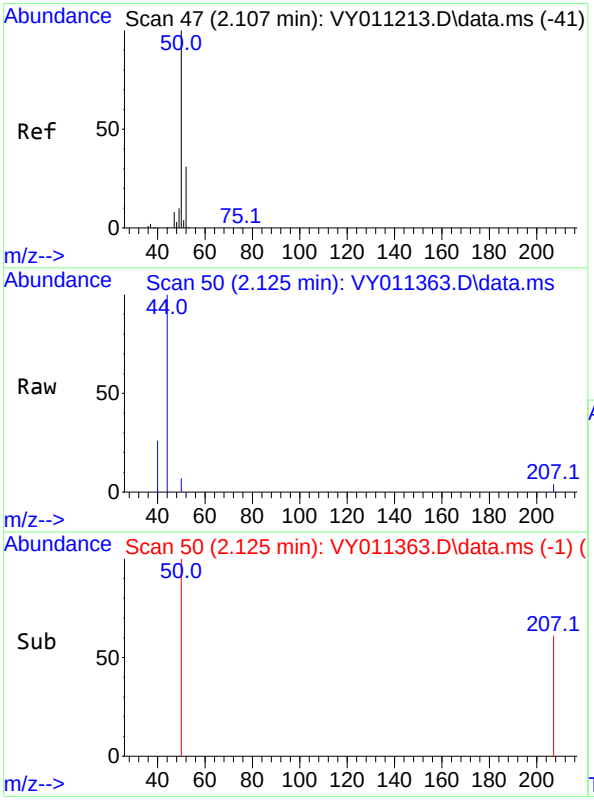
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 4337

Ion	Ratio	Lower	Upper
168	100		
99	49.7	46.9	70.3

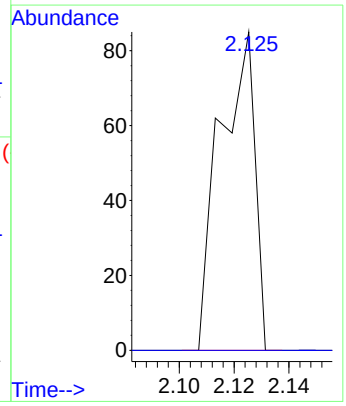


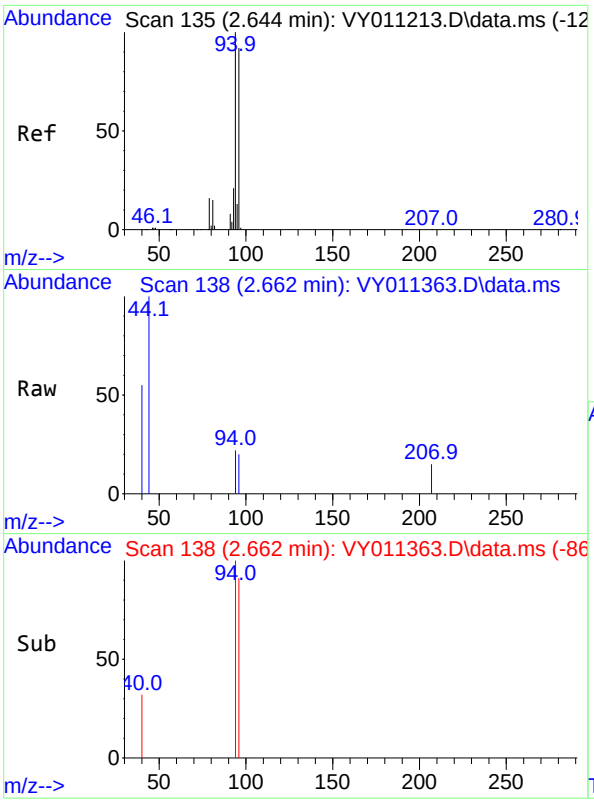


#3
Chloromethane
Concen: 1.560 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 50 Resp: 75

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



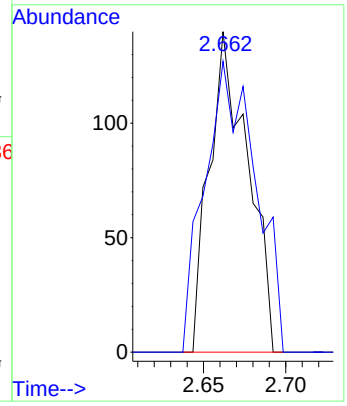


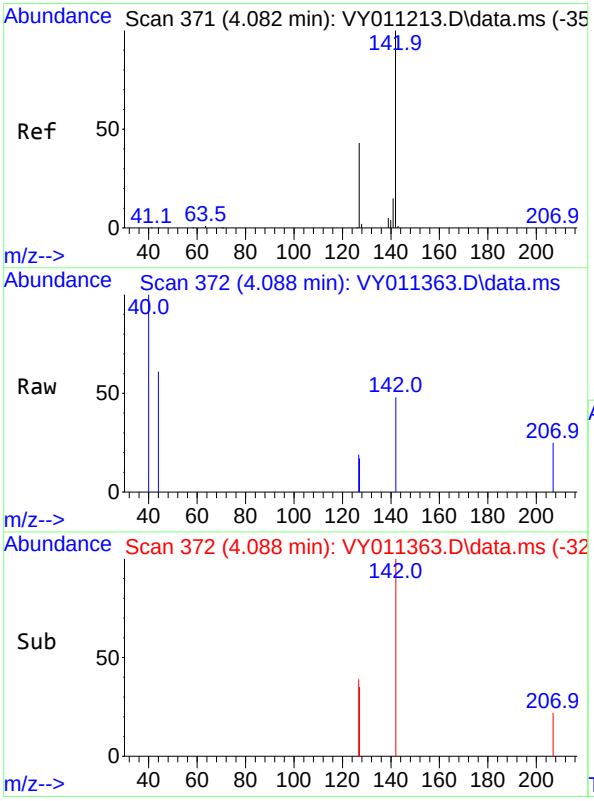
#5
Bromomethane
Concen: 6.362 ug/l
RT: 2.662 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 228

Ion	Ratio	Lower	Upper
94	100		
96	90.7	73.5	110.3

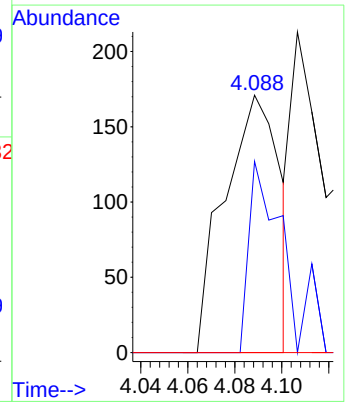


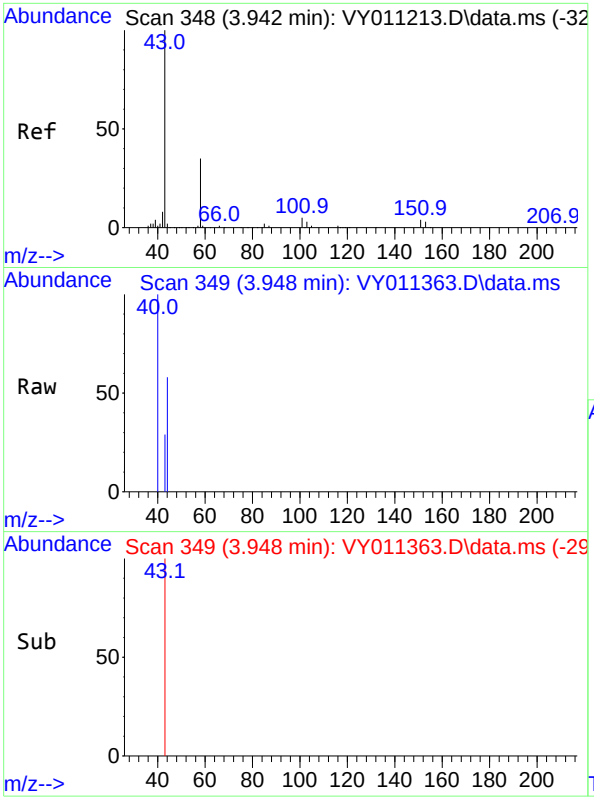


#10
Methyl Iodide
Concen: 4.559 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion:142 Resp: 280

Ion	Ratio	Lower	Upper
142	100		
127	47.5	41.5	62.3
141	0.0	11.9	17.9#



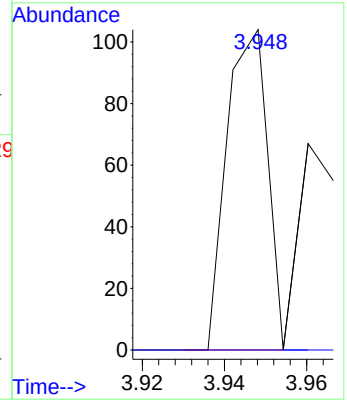


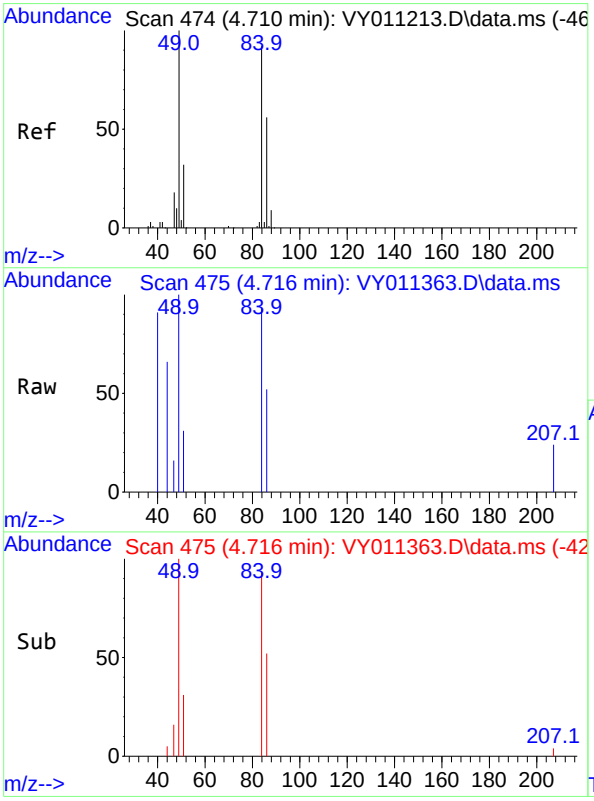
#16
Acetone
Concen: 5.071 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

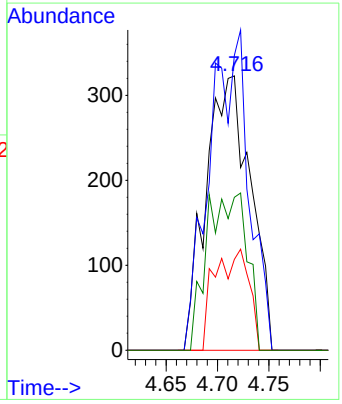


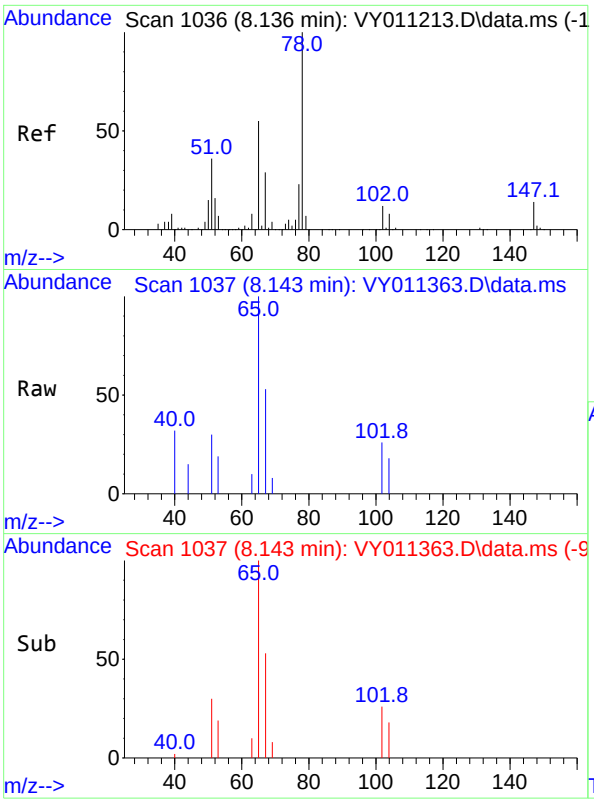


#20
Methylene Chloride
Concen: 13.282 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 84 Resp: 972

Ion	Ratio	Lower	Upper
84	100		
49	107.4	114.4	171.6#
51	33.1	35.3	52.9#
86	55.7	53.7	80.5



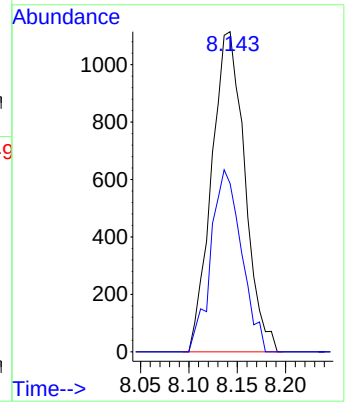


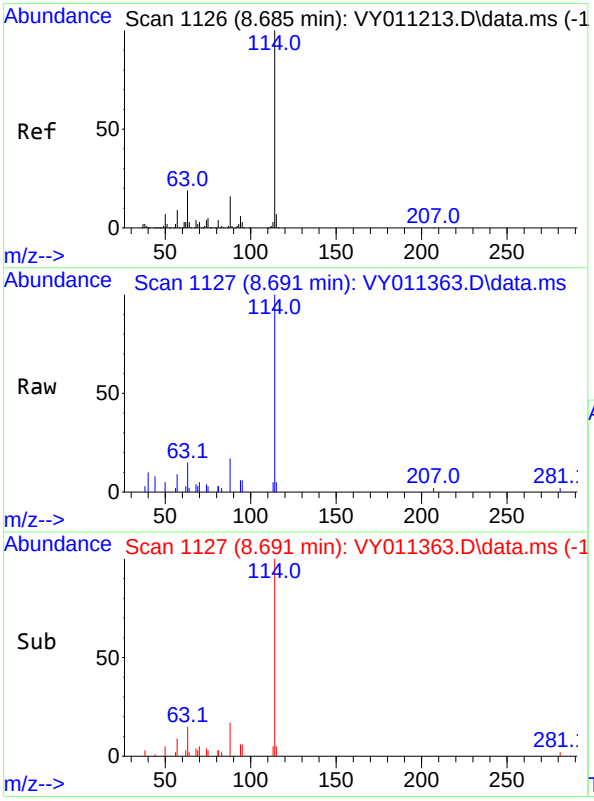
#33
1,2-Dichloroethane-d4
Concen: 57.196 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 2653

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.4

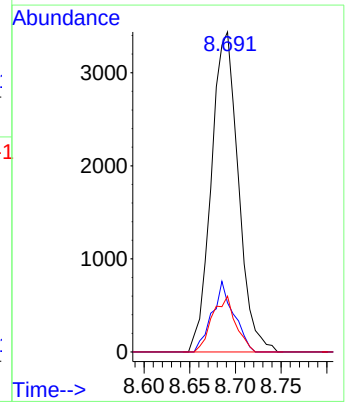


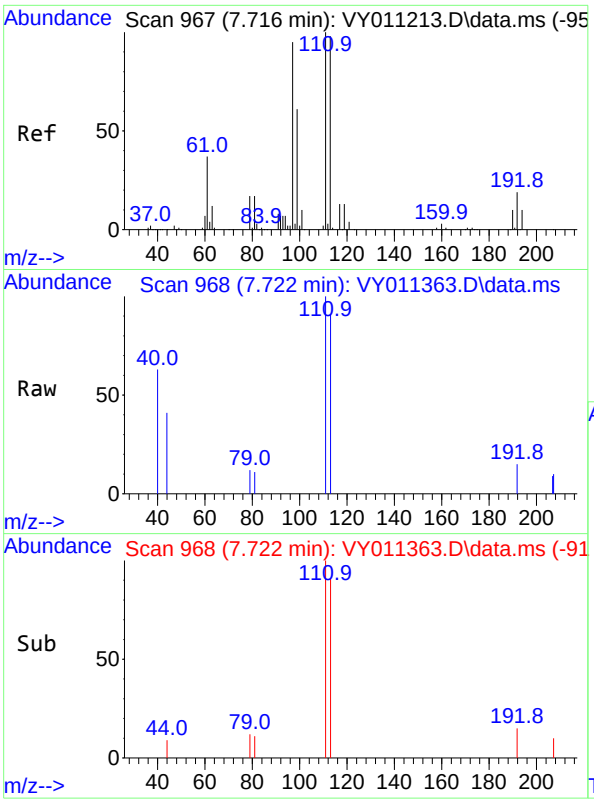


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion:114 Resp: 7064

Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	43.2
88	17.5	0.0	31.8



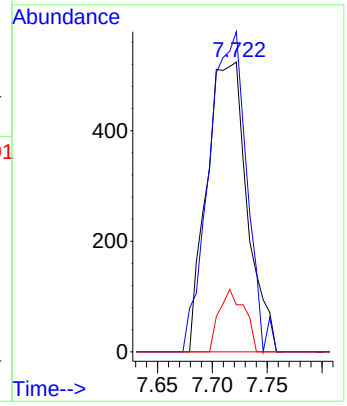


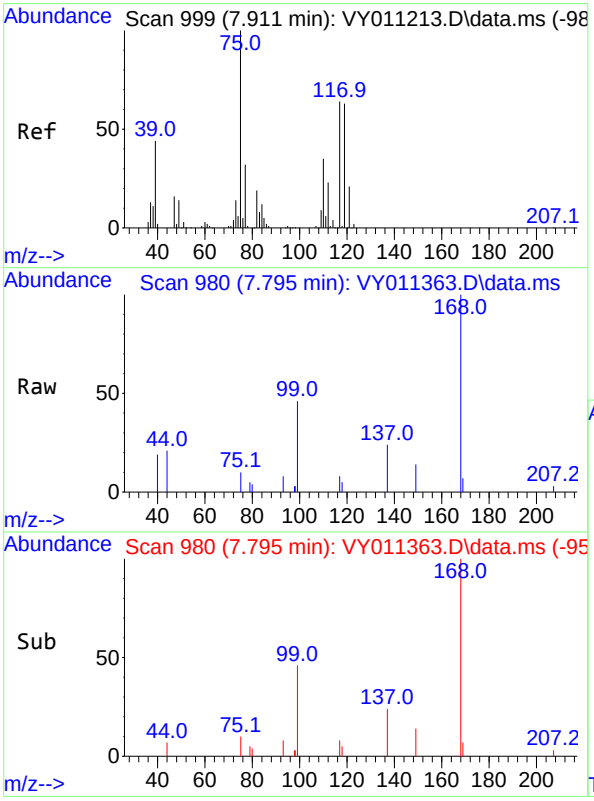
#35
Dibromofluoromethane
Concen: 29.503 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 1339

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	13.5	17.6	26.4#

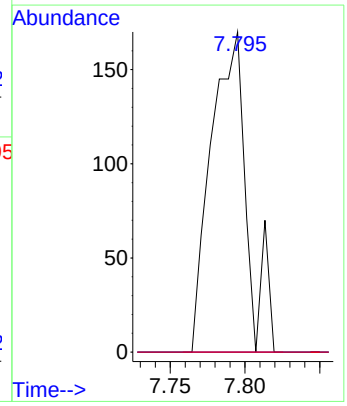


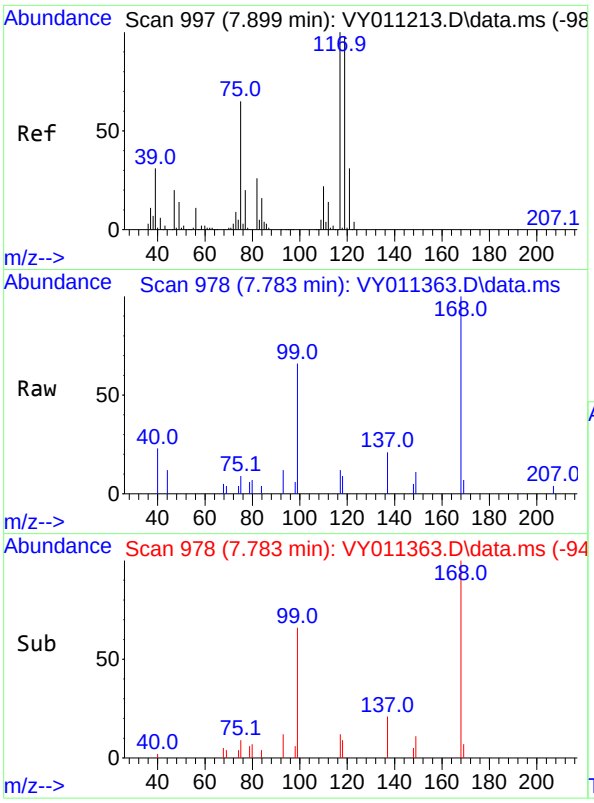


#36
1,1-Dichloropropene
Concen: 3.818 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 75 Resp: 283

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



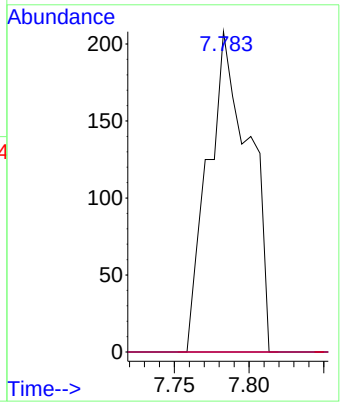


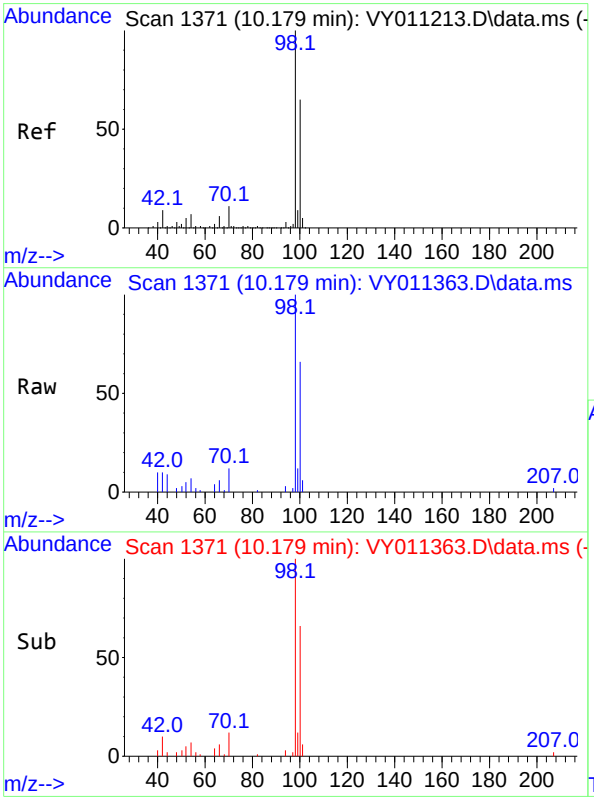
#38
Carbon Tetrachloride
Concen: 5.189 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 399

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

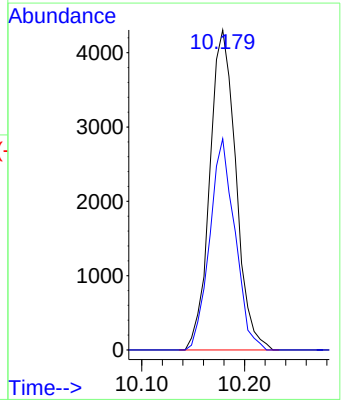


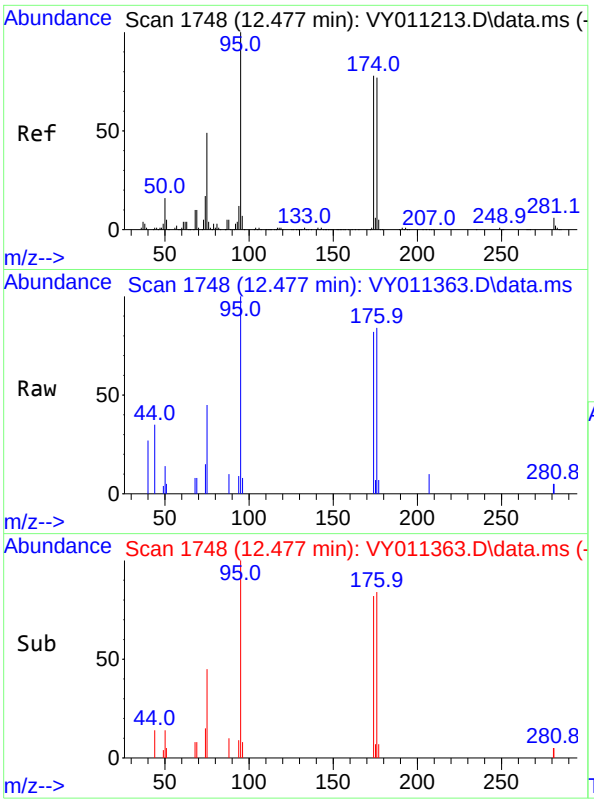


#50
Toluene-d8
Concen: 43.197 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 98 Resp: 7612

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.2	75.2



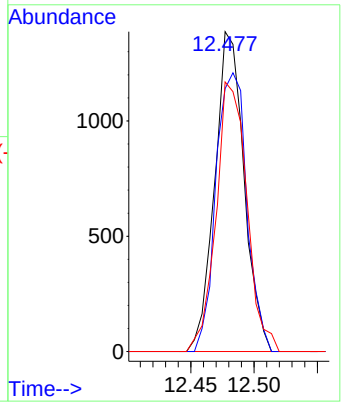


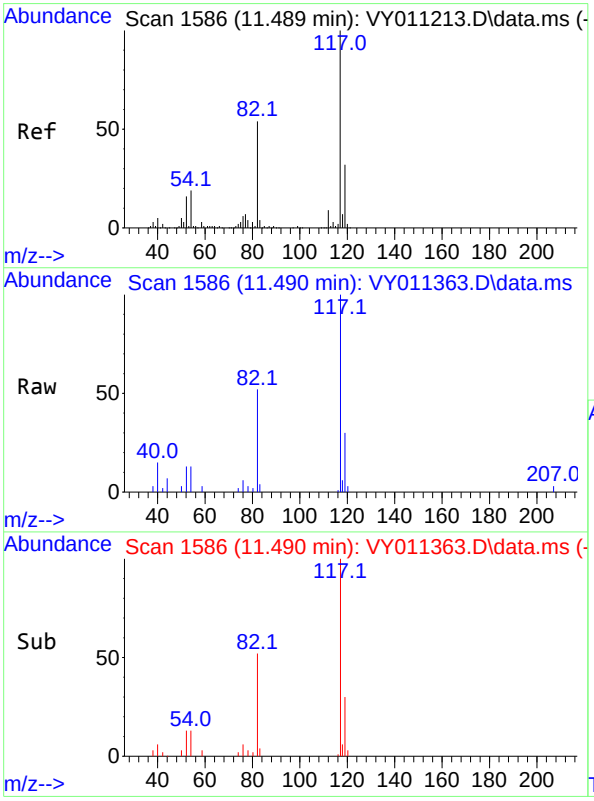
#62
4-Bromofluorobenzene
Concen: 36.453 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 2230

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	177.0
176	88.6	0.0	175.8

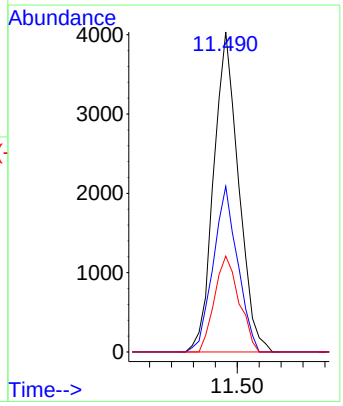


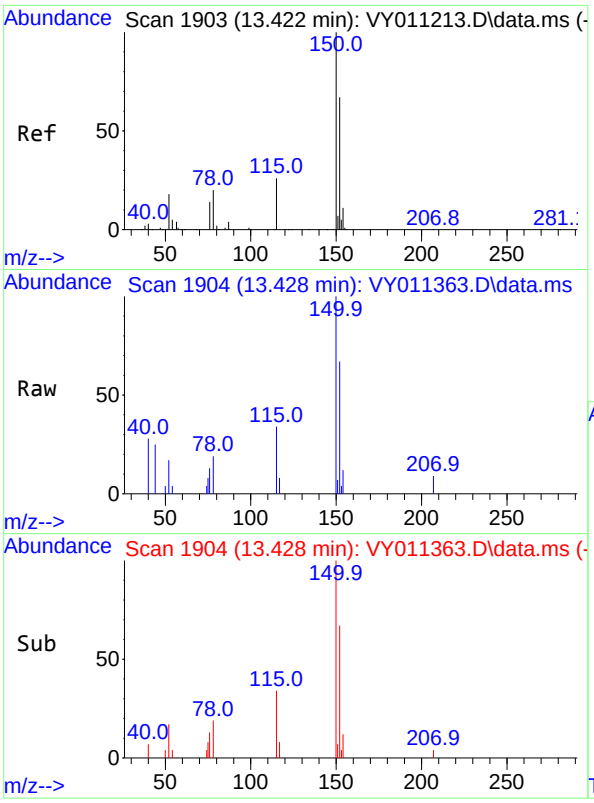


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion:117 Resp: 6378

Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	30.0	25.4	38.0



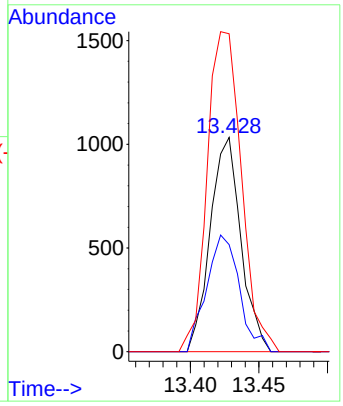


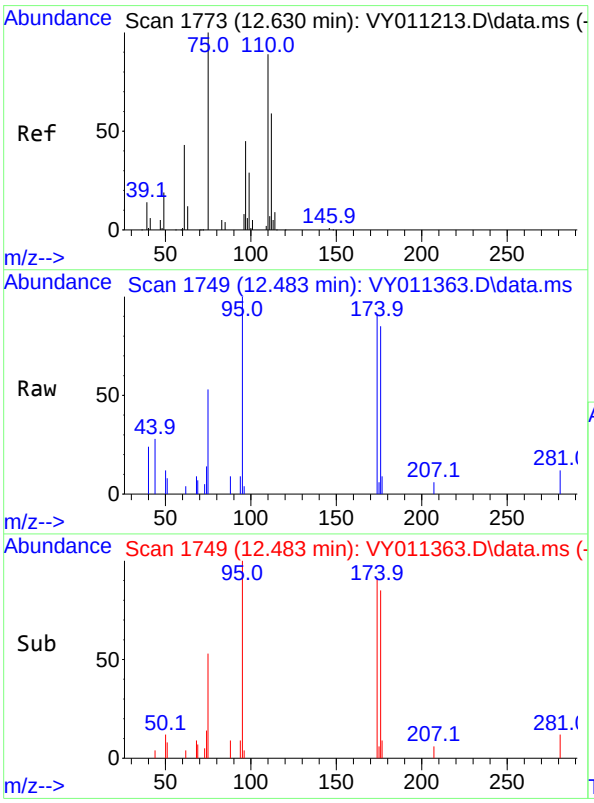
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1609

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	166.5	0.0	347.6

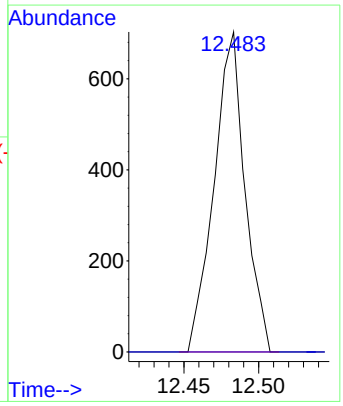


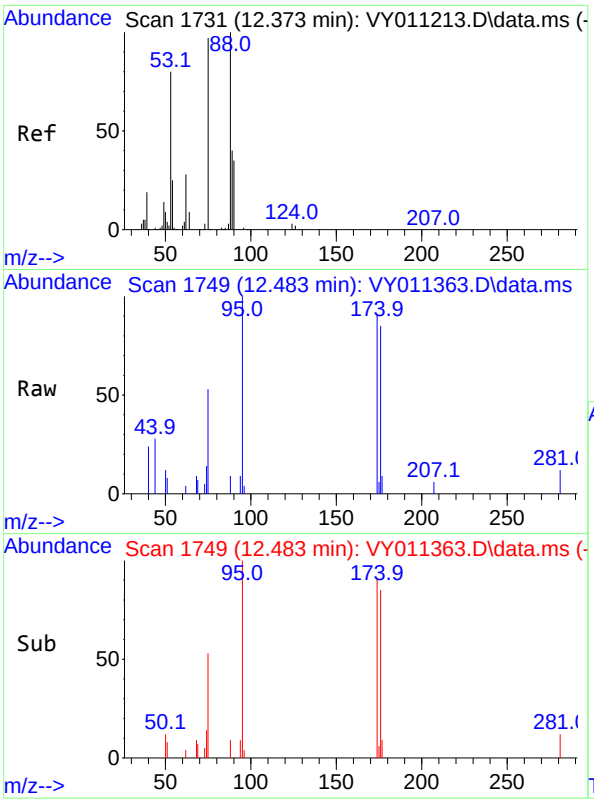


#76
1,2,3-Trichloropropane
Concen: 51.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Tgt Ion: 75 Resp: 1010

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 110.348 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY011363.D
Acq: 08 Nov 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1010

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