Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008086.D
Acq On : 29 Mar 2022 14:52
Operator : SY/MD
Sample : N2155-03
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 30 03:59:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	12585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	18674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7165	56.746	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.500%			
35) Dibromofluoromethane	7.722	113	3579	25.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 51.960%#			
50) Toluene-d8	10.185	98	24997	48.163	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.483	95	7774	42.456	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.920%			
Target Compounds						Qvalue
5) Bromomethane	2.686	94	167	1.109	ug/l #	76
10) Methyl Iodide	4.107	142	60	2.041	ug/l #	35
11) Tert butyl alcohol	4.954	59	29	2.214	ug/l #	77
16) Acetone	3.954	43	425	14.726	ug/l #	47
20) Methylene Chloride	4.729	84	178	Below Cal	#	21
36) 1,1-Dichloropropene	7.795	75	1008	4.658	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1241	5.262	ug/l #	11
51) 4-Methyl-2-Pentanone	10.191	43	124	1.239	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	4214	48.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4214	109.202	ug/l #	7
95) Naphthalene	15.239	128	2273	7.354	ug/l #	96

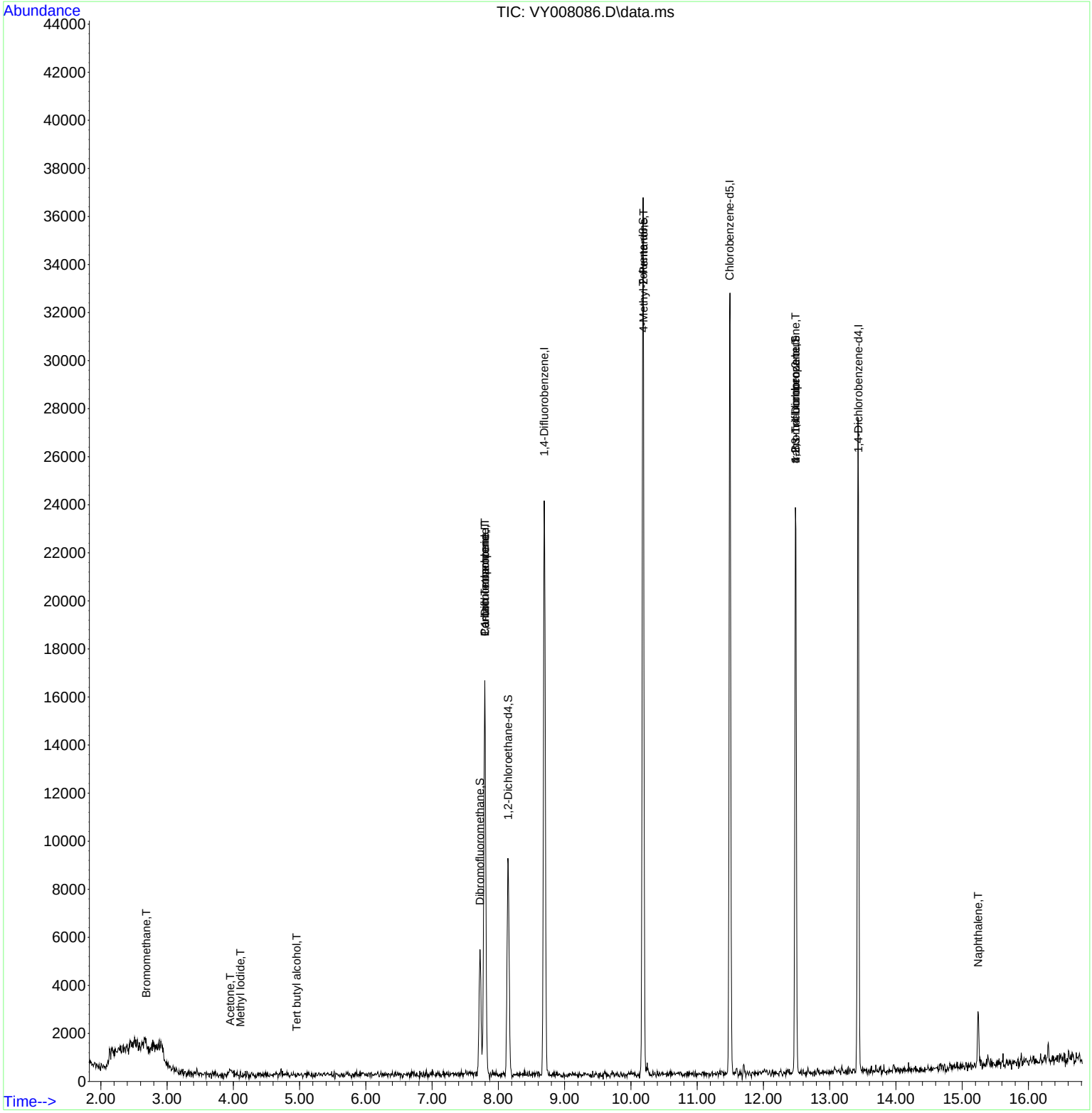
(#) = qualifier out of range (m) = manual integration (+) = signals summed

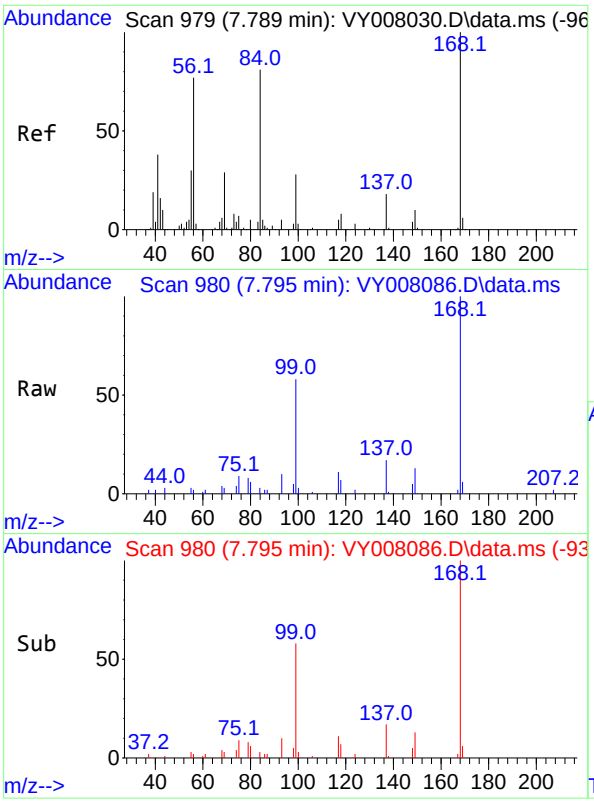
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
Data File : VY008086.D
Acq On : 29 Mar 2022 14:52
Operator : SY/MD
Sample : N2155-03
Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 30 03:59:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration



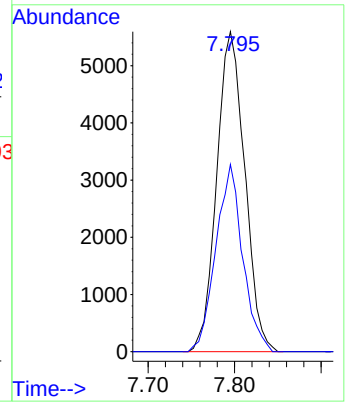


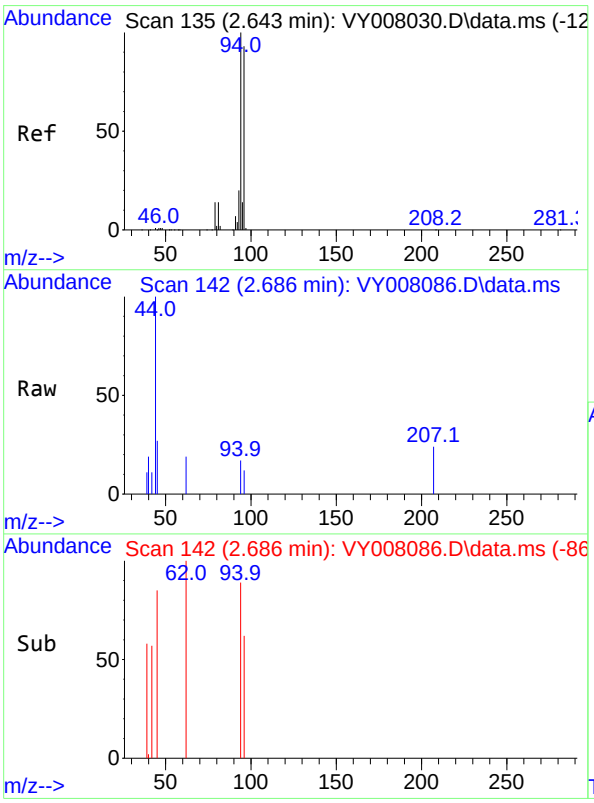
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 12585

Ion	Ratio	Lower	Upper
168	100		
99	58.5	46.9	70.3

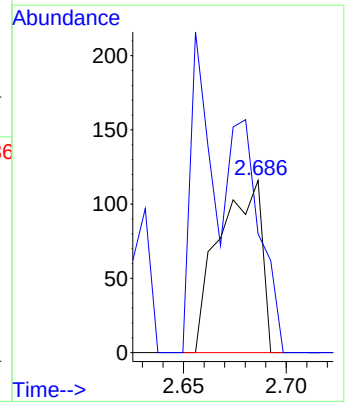


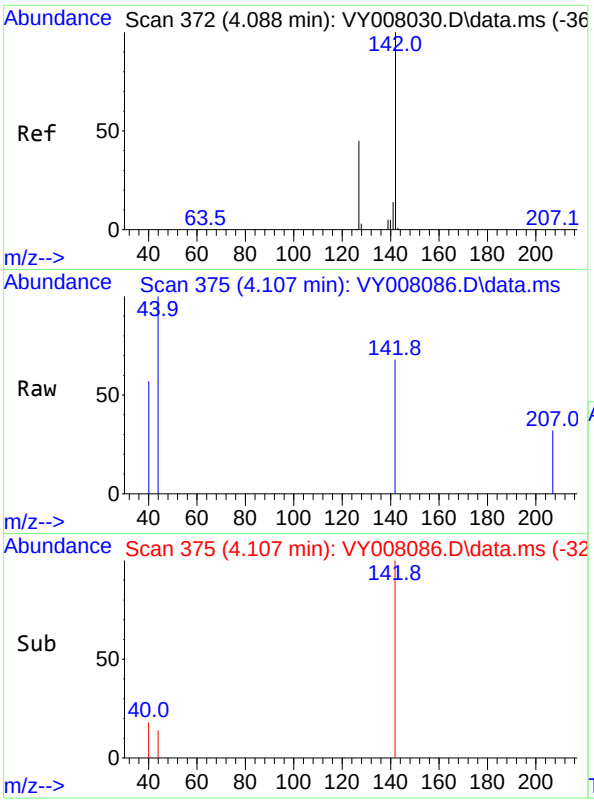


#5
Bromomethane
Concen: 1.109 ug/l
RT: 2.686 min Scan# 142
Delta R.T. 0.043 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 94 Resp: 167

Ion	Ratio	Lower	Upper
94	100		
96	69.0	73.5	110.3#



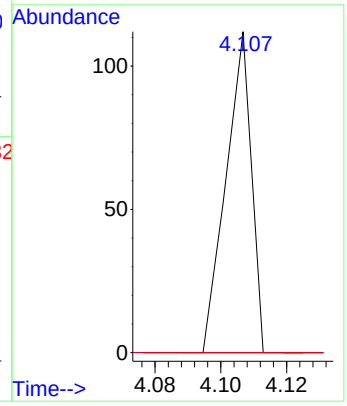


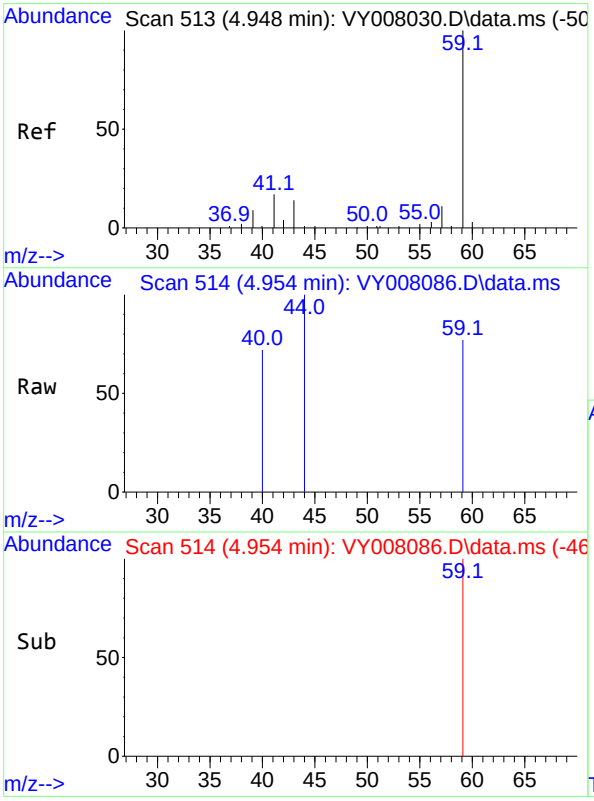
#10
Methyl Iodide
Concen: 2.041 ug/l
RT: 4.107 min Scan# 3
Delta R.T. 0.019 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 60

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

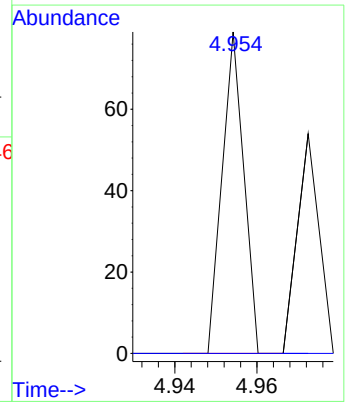


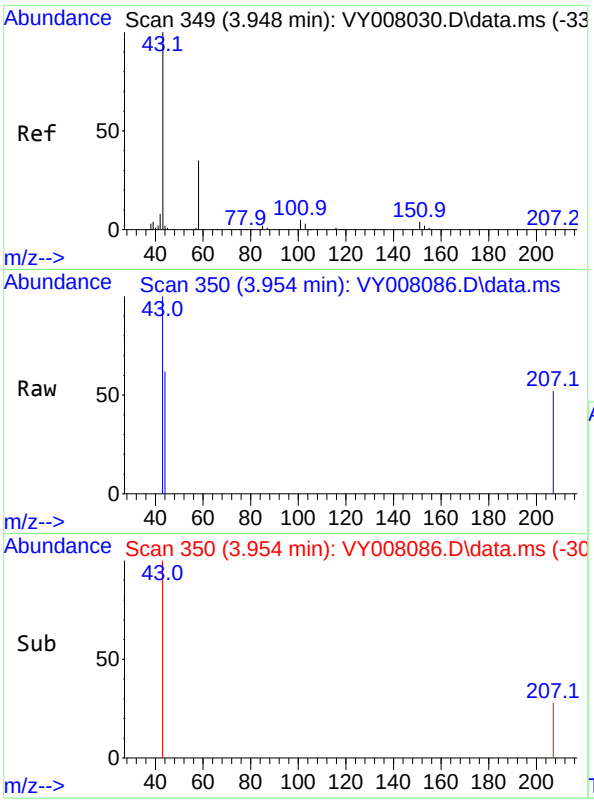


#11
Tert butyl alcohol
Concen: 2.214 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 59 Resp: 29

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



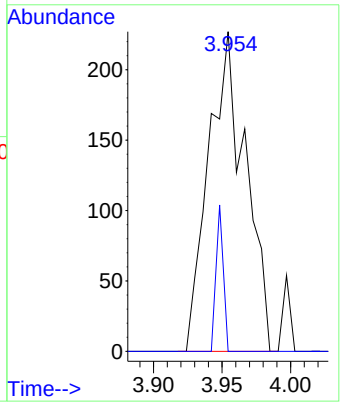


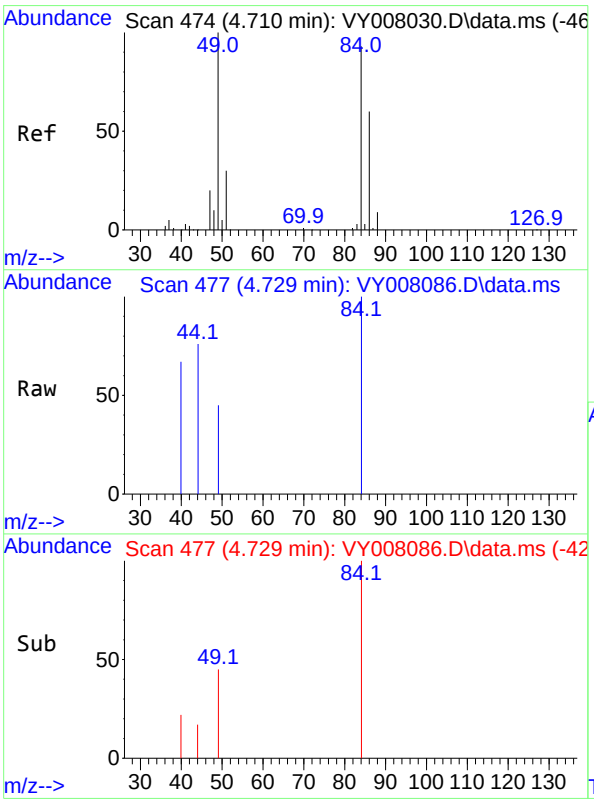
#16
Acetone
Concen: 14.726 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 425

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

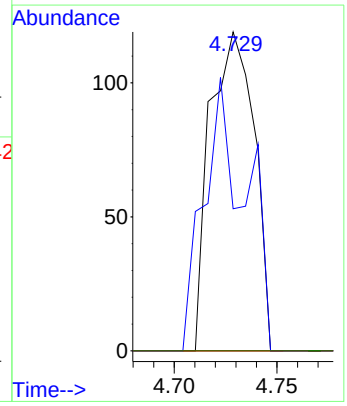


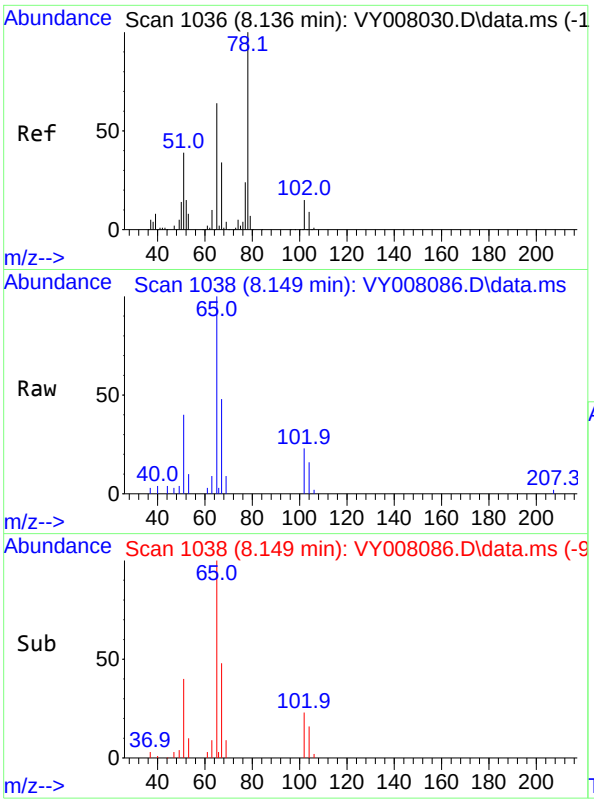


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 84 Resp: 178

Ion	Ratio	Lower	Upper
84	100		
49	44.5	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#



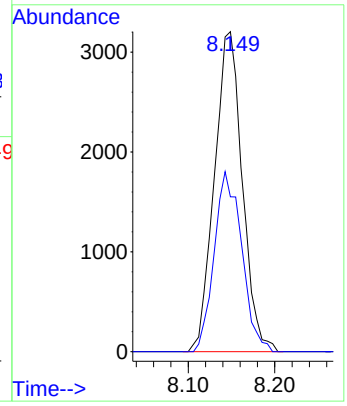


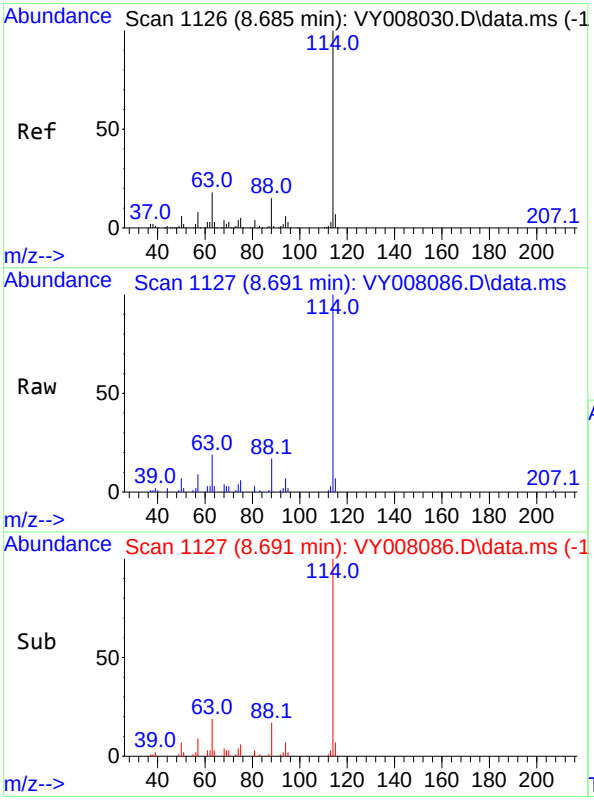
#33
1,2-Dichloroethane-d4
Concen: 56.746 ug/l
RT: 8.149 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 7165

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	99.4

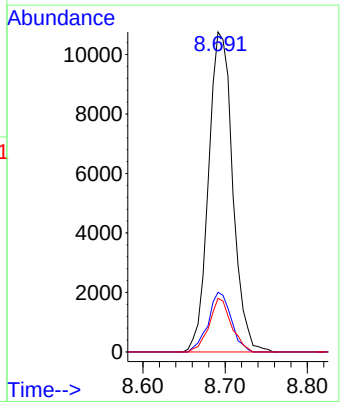


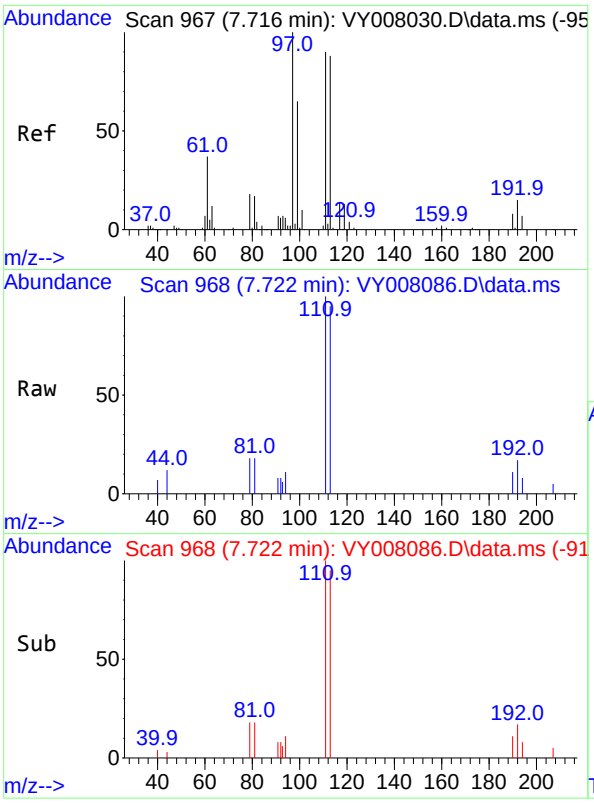


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion:114 Resp: 21972

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	43.2
88	16.7	0.0	31.8



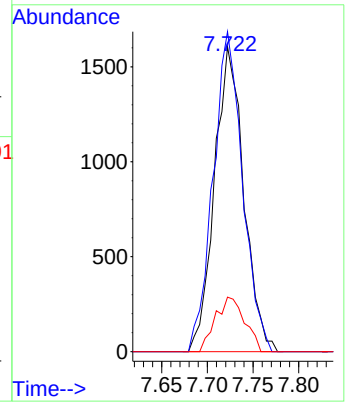


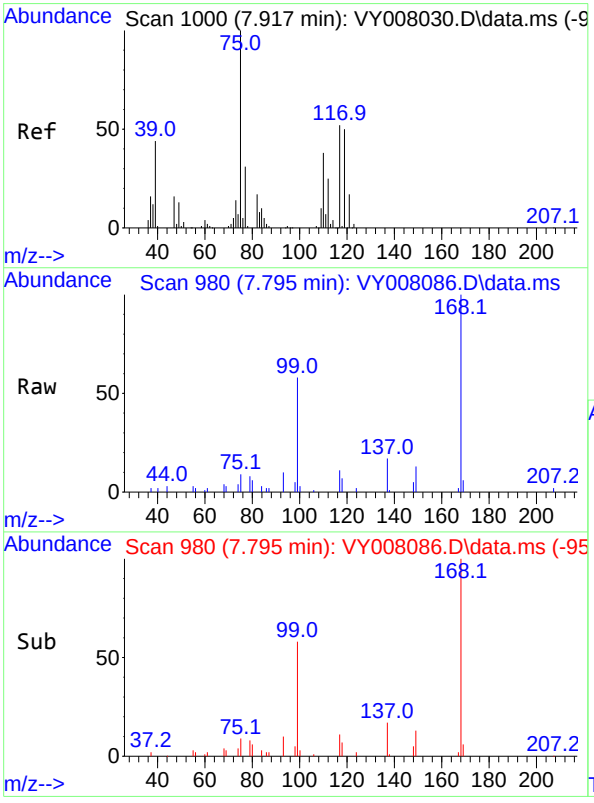
#35
Dibromofluoromethane
Concen: 25.980 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 3579

Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.6	124.0
192	17.8	17.6	26.4

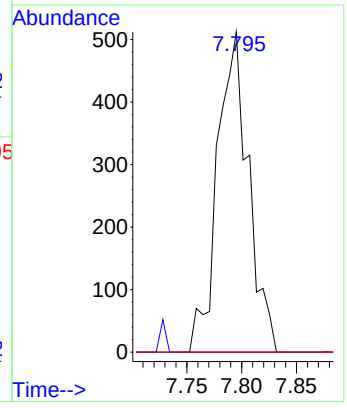


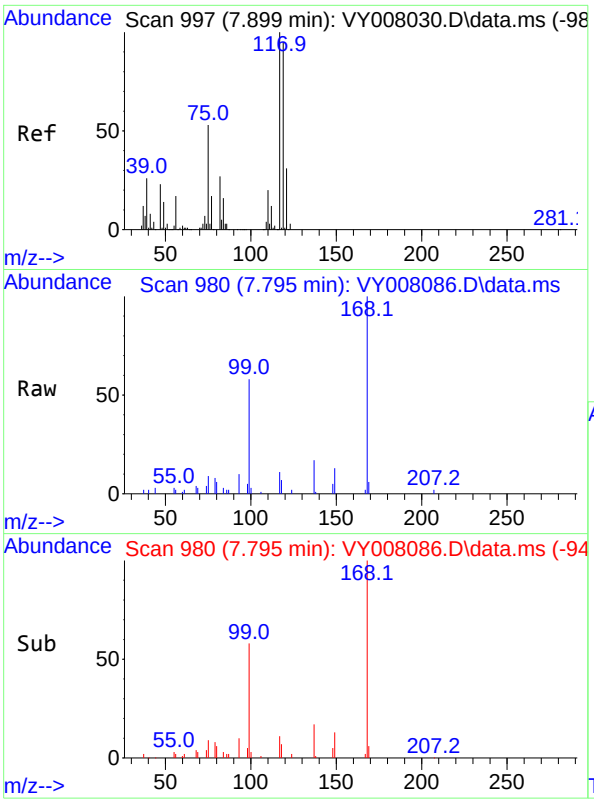


#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 75 Resp: 1008

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



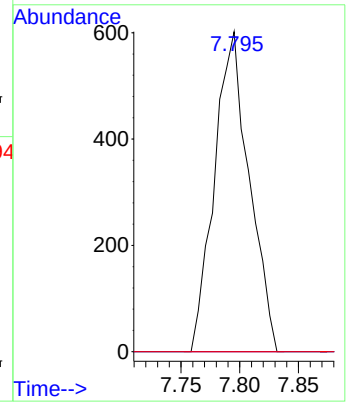


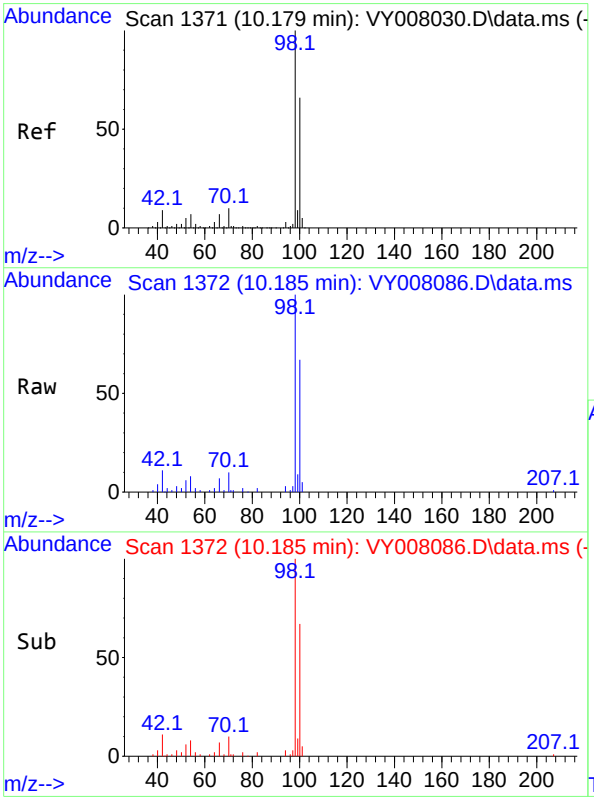
#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.104 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1241

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

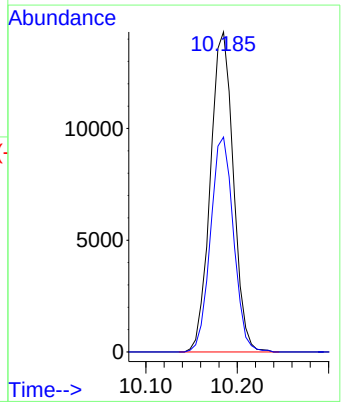


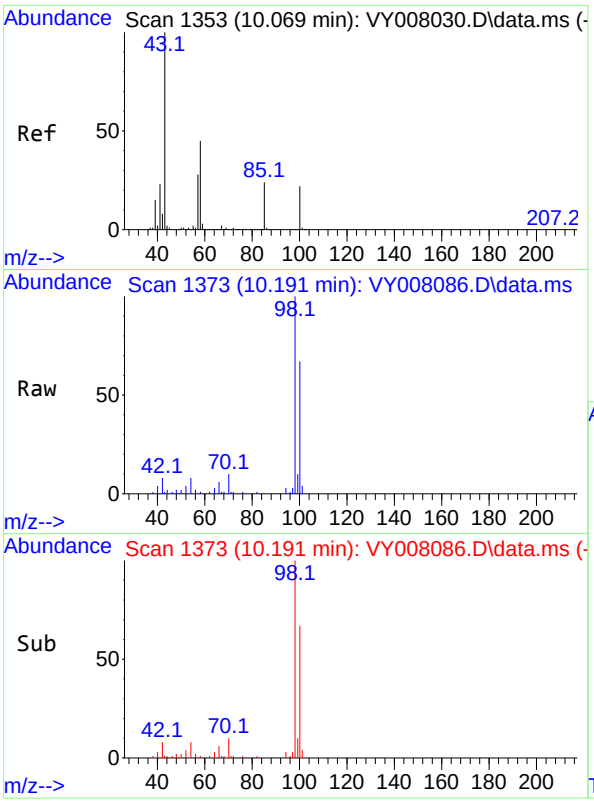


#50
Toluene-d8
Concen: 48.163 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 98 Resp: 24997

Ion	Ratio	Lower	Upper
98	100		
100	67.2	50.2	75.2



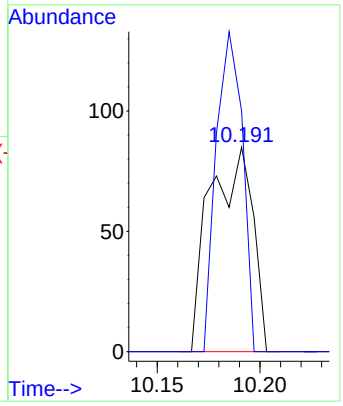


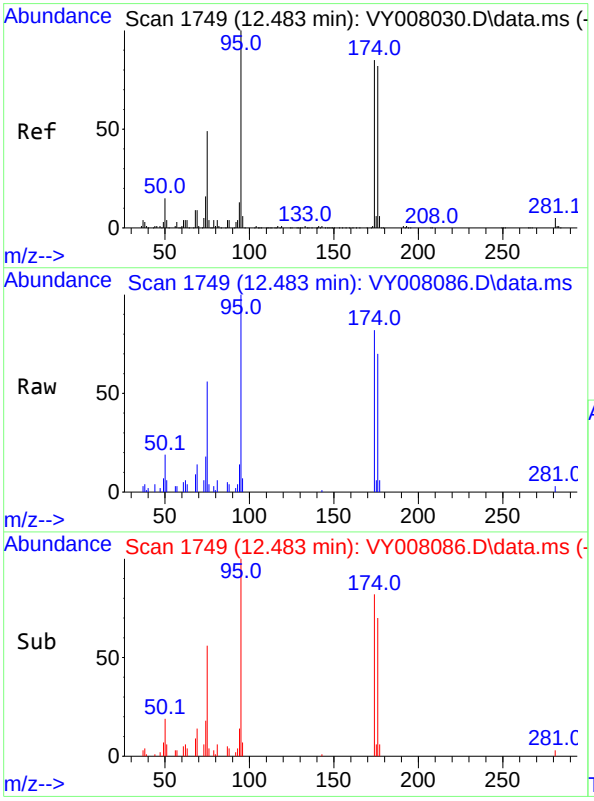
#51
4-Methyl-2-Pentanone
Concen: 1.239 ug/l
RT: 10.191 min Scan# 1
Delta R.T. 0.122 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 124

Ion	Ratio	Lower	Upper
43	100		
58	95.2	28.1	42.1#

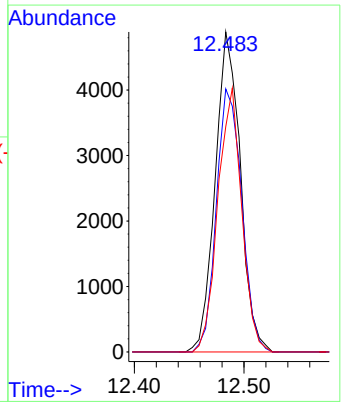


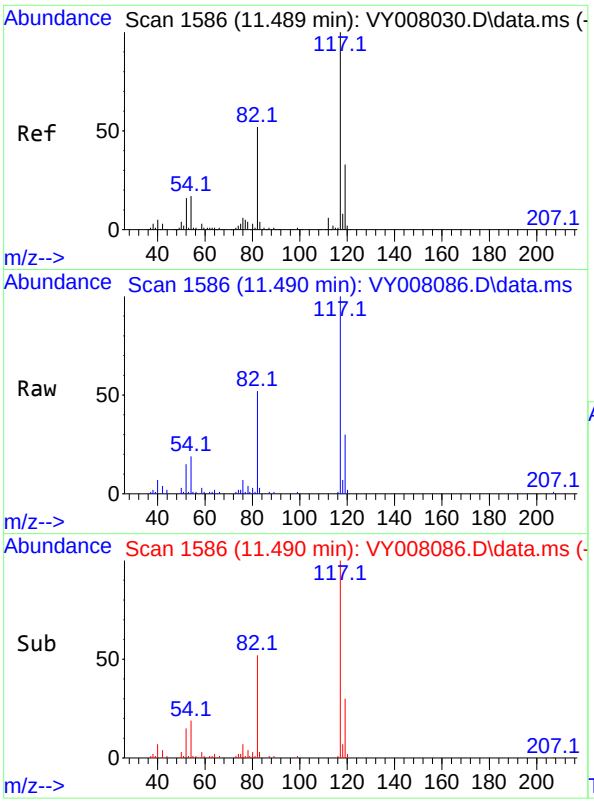


#62
4-Bromofluorobenzene
Concen: 42.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 95 Resp: 7774

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	177.0
176	78.3	0.0	175.8



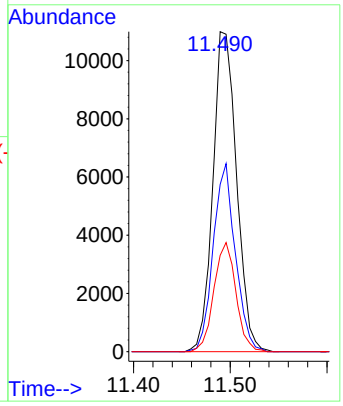


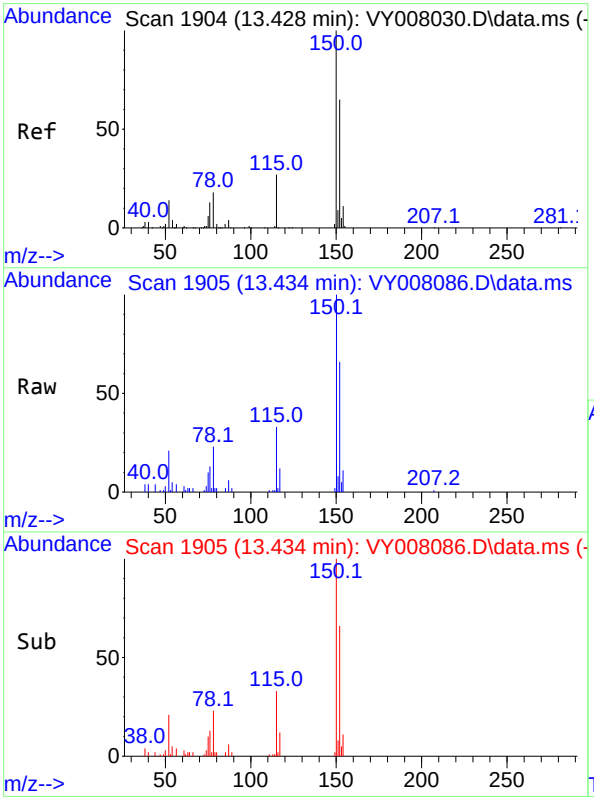
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 18674

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	30.1	25.4	38.0

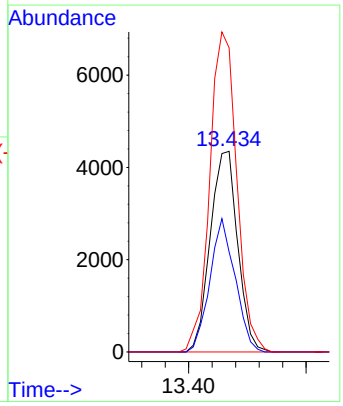


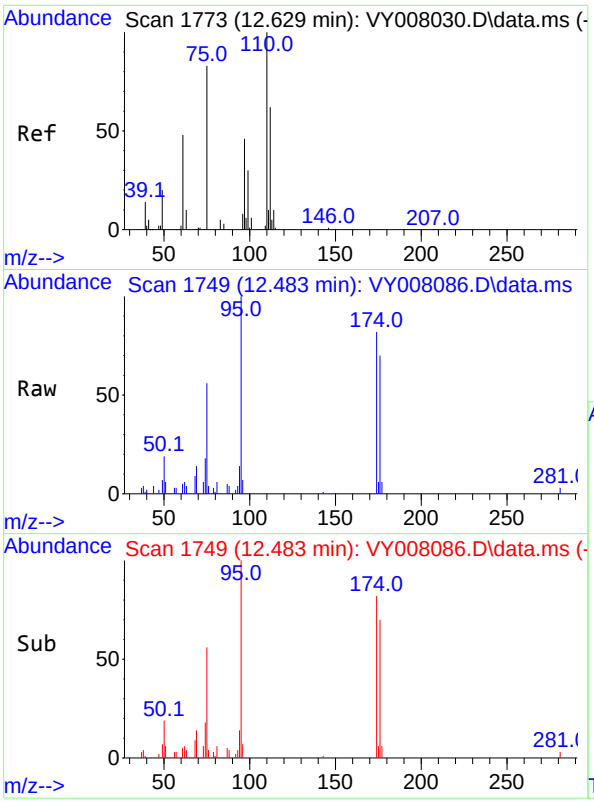


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion:152 Resp: 7063

Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	157.0	0.0	347.6



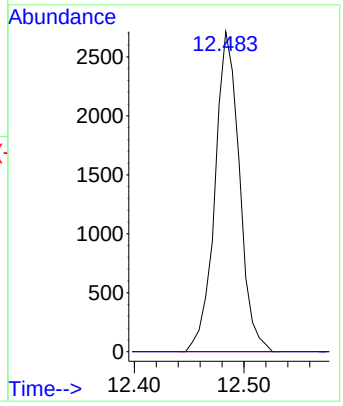


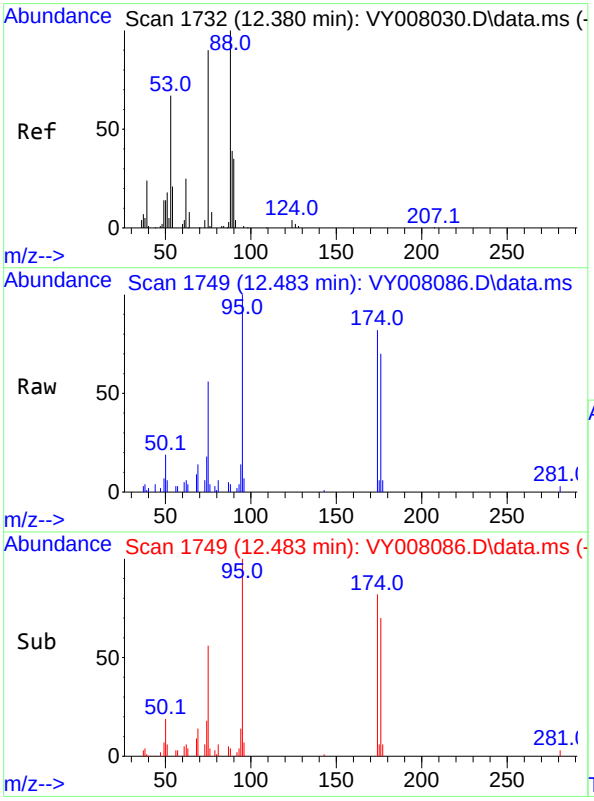
#76
1,2,3-Trichloropropane
Concen: 48.944 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4214

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

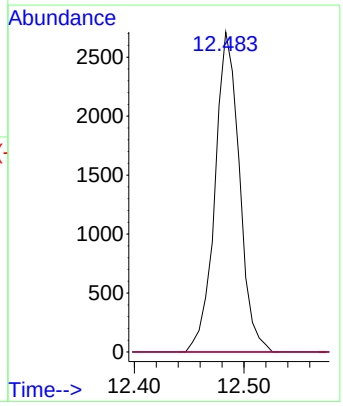


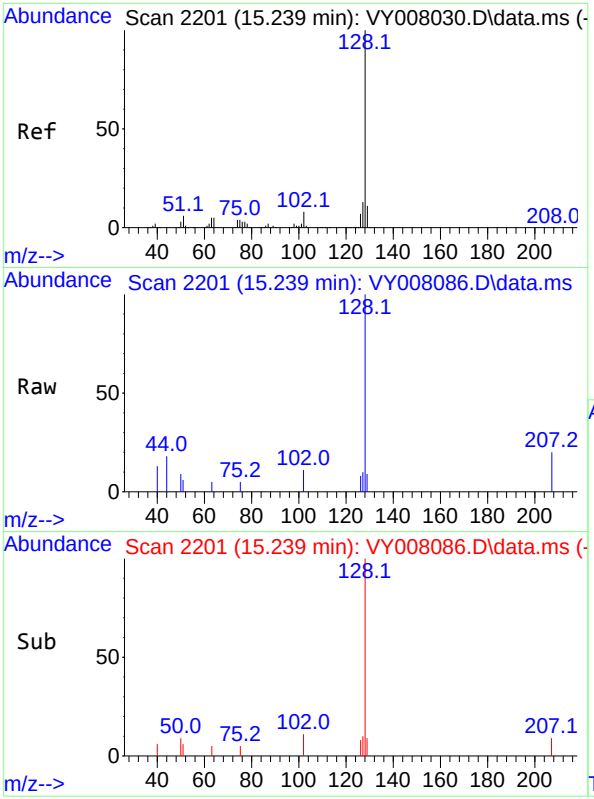


#81
trans-1,4-Dichloro-2-butene
Concen: 109.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 75 Resp: 4214

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





#95
Naphthalene
Concen: 7.354 ug/l
RT: 15.239 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2273

Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.0	16.4
129	8.0	8.4	12.6#