Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
Data File : VY008465.D
Acq On : 22 Apr 2022 15:24
Operator : KP/MD
Sample : N2526-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 01:53:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	2801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5081	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1912	58.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.020%			
35) Dibromofluoromethane	7.716	113	1442	44.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.500%			
50) Toluene-d8	10.179	98	6152	47.489	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.489	95	1843	42.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.000%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	101	2.523	ug/l #	44
5) Bromomethane	2.668	94	157	3.247	ug/l	88
10) Methyl Iodide	4.107	142	155	5.236	ug/l #	35
20) Methylene Chloride	4.710	84	157	Below Cal	#	58
36) 1,1-Dichloropropene	7.789	75	229	4.418	ug/l #	42
38) Carbon Tetrachloride	7.789	117	309	5.738	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	989	47.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	989	109.233	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	110	1.085	ug/l #	31

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
Data File : VY008465.D
Acq On : 22 Apr 2022 15:24
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MSVOA_Y
ClientSampleId :

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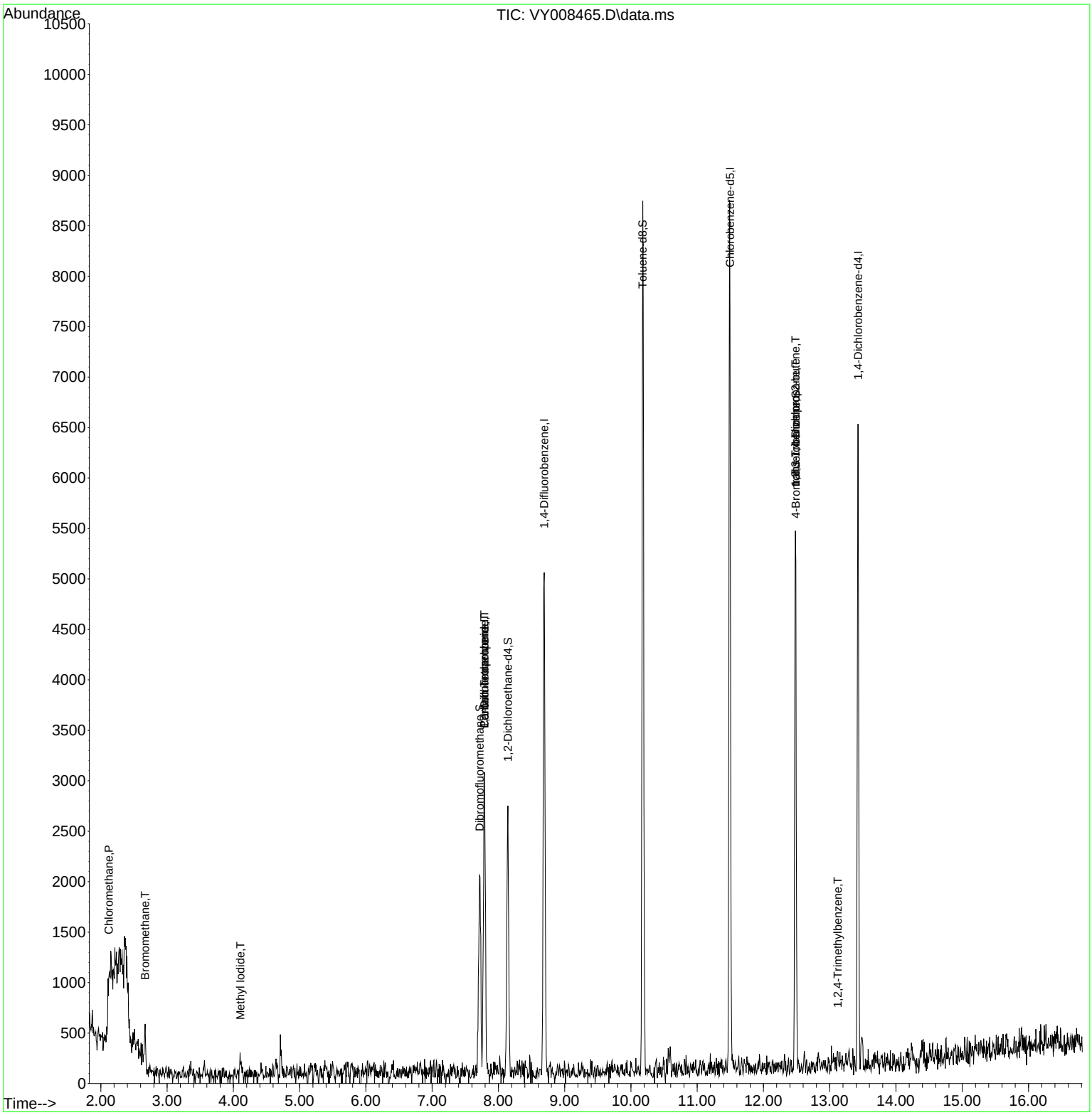
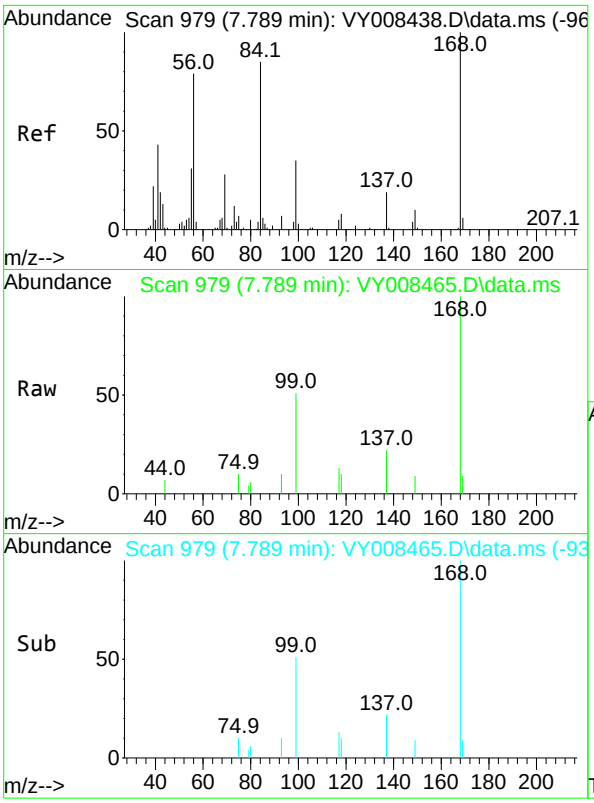
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration



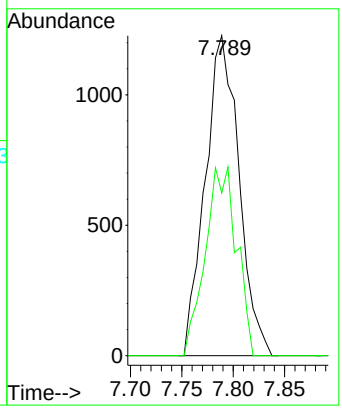


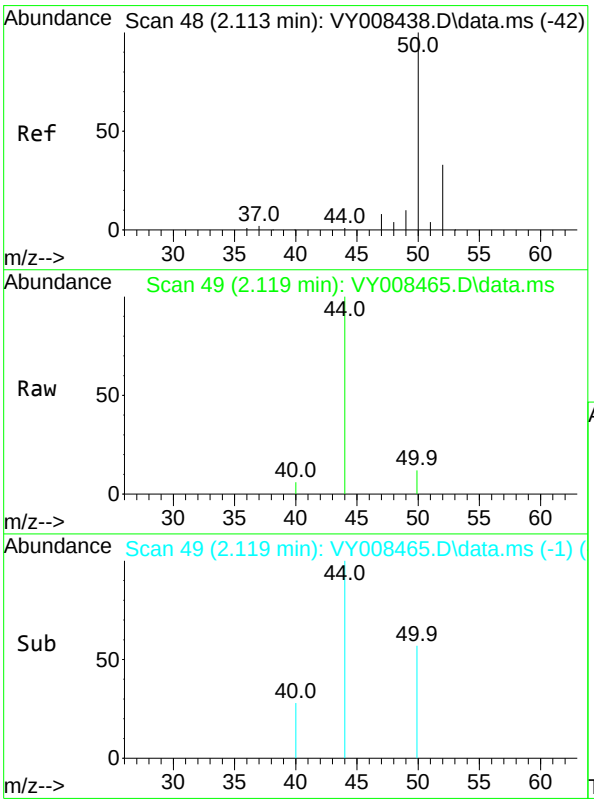
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 2801

Ion	Ratio	Lower	Upper
168	100		
99	50.9	46.9	70.3

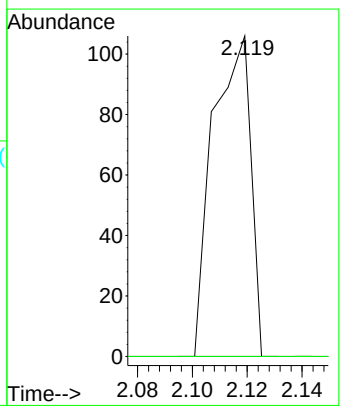


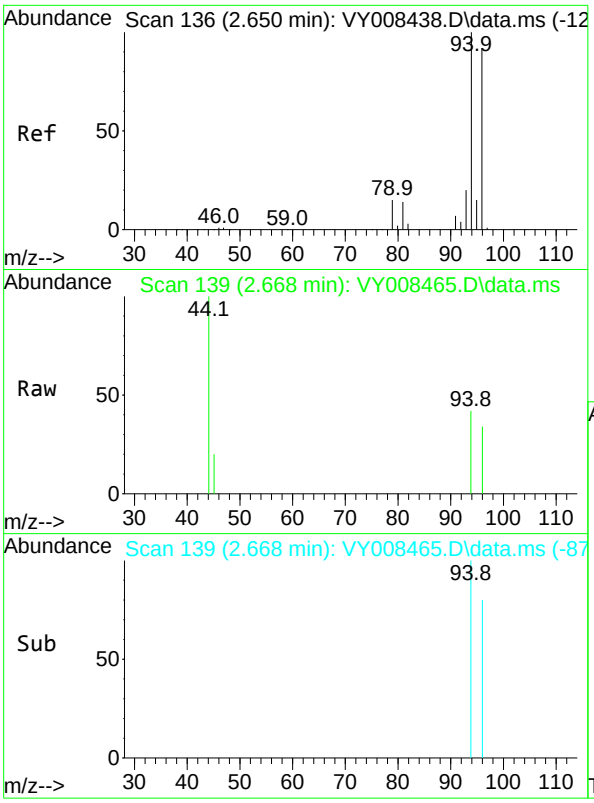


#3
Chloromethane
Concen: 2.523 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 50 Resp: 101

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



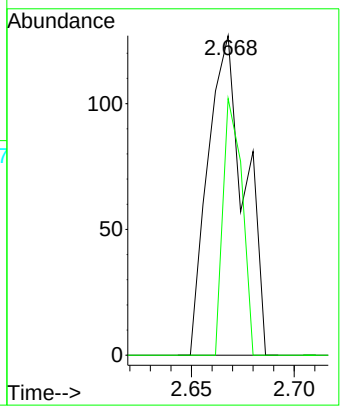


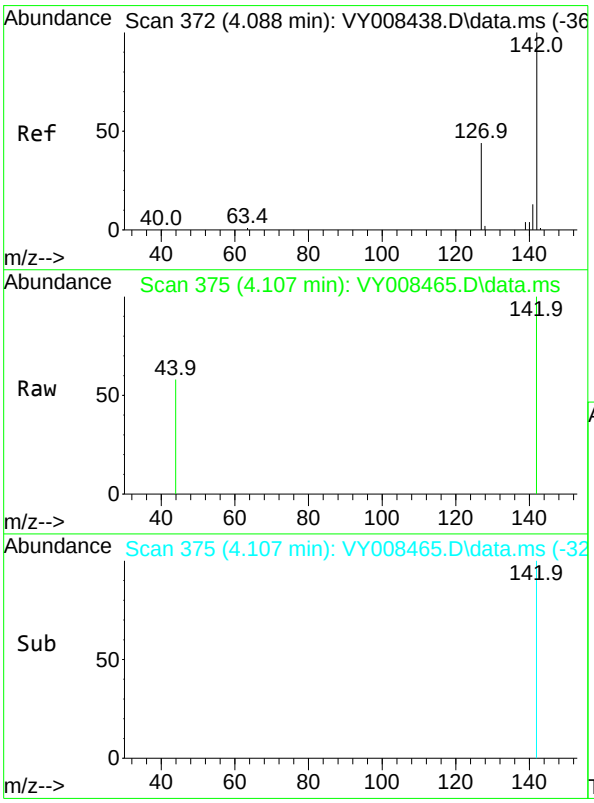
#5
Bromomethane
Concen: 3.247 ug/l
RT: 2.668 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 157

Ion	Ratio	Lower	Upper
94	100		
96	80.3	73.5	110.3

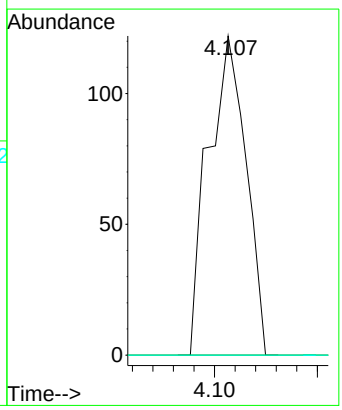


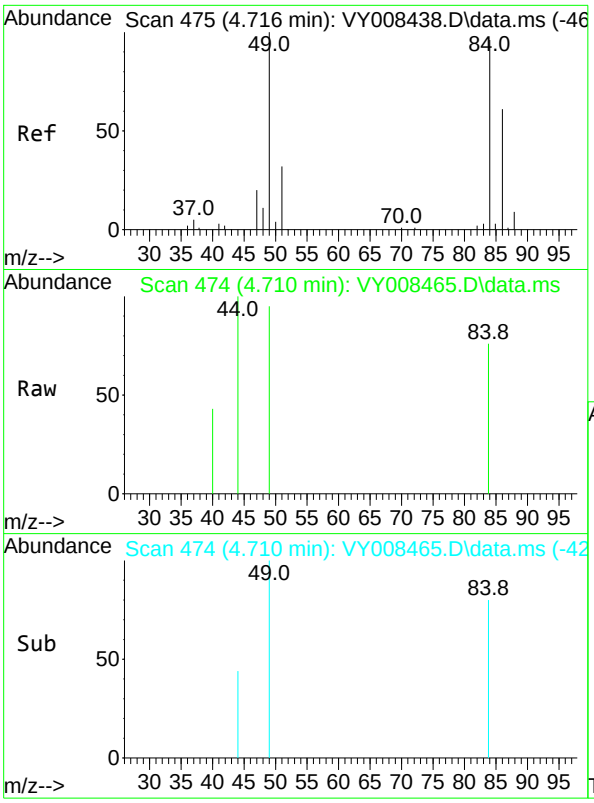


#10
Methyl Iodide
Concen: 5.236 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion:142 Resp: 155

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



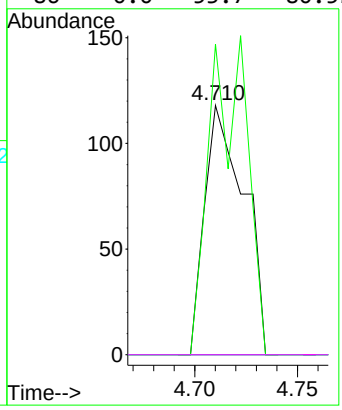


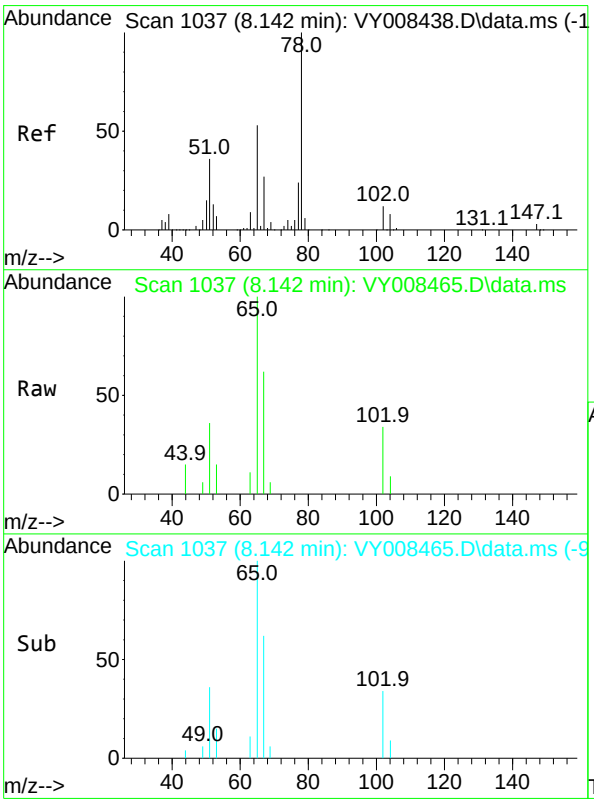
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 157

Ion	Ratio	Lower	Upper
84	100		
49	124.6	114.4	171.6
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#

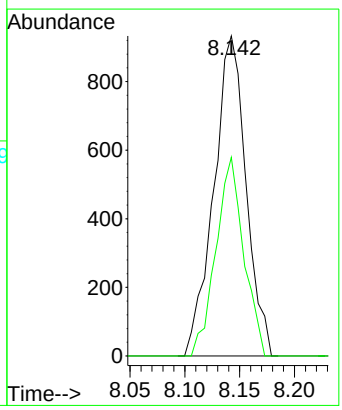


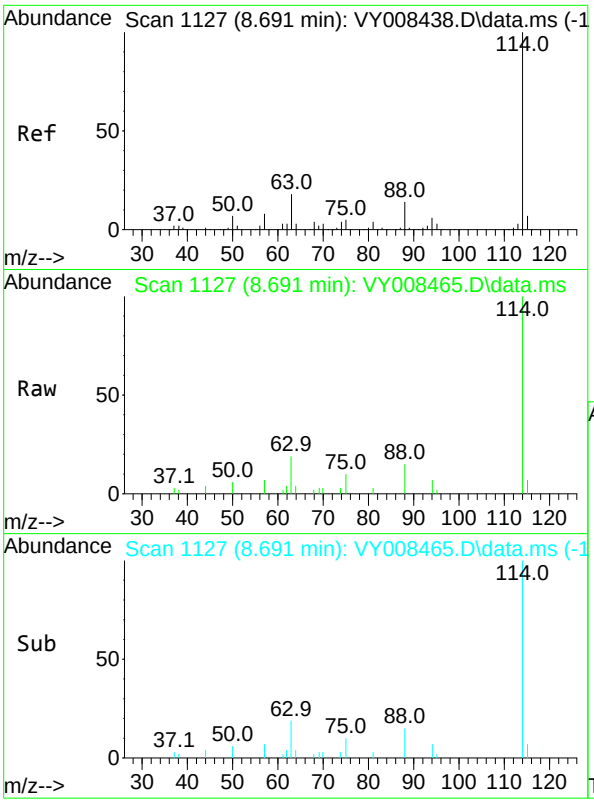


#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 65 Resp: 1912

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.4



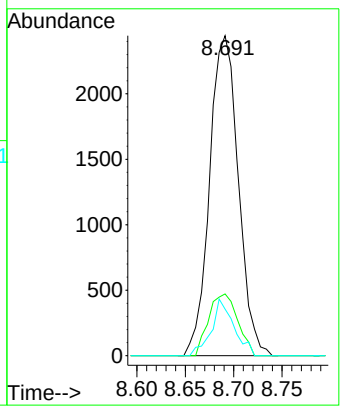


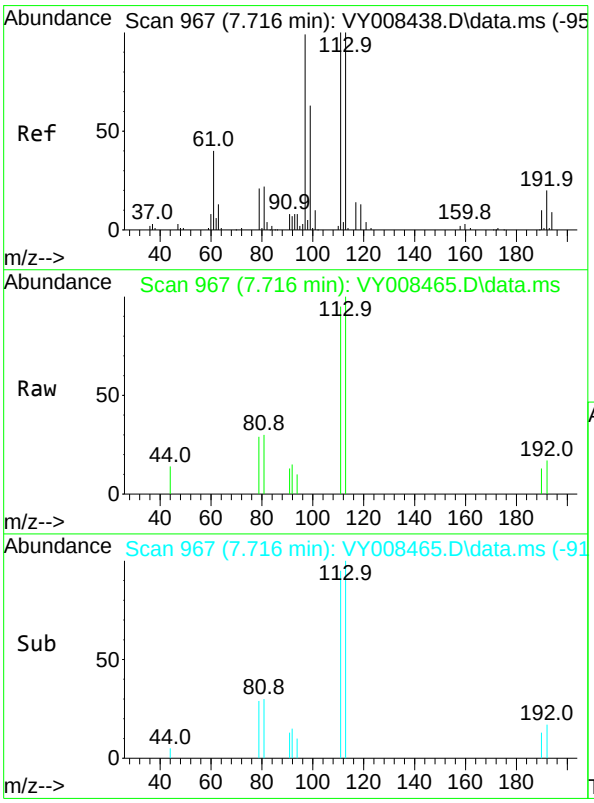
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 5049

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	14.6	0.0	31.8

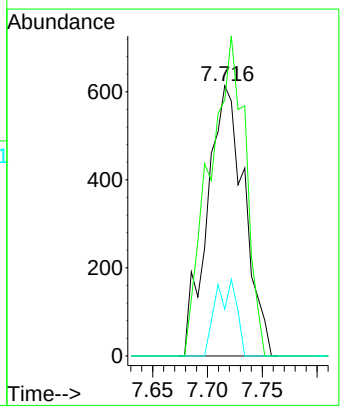


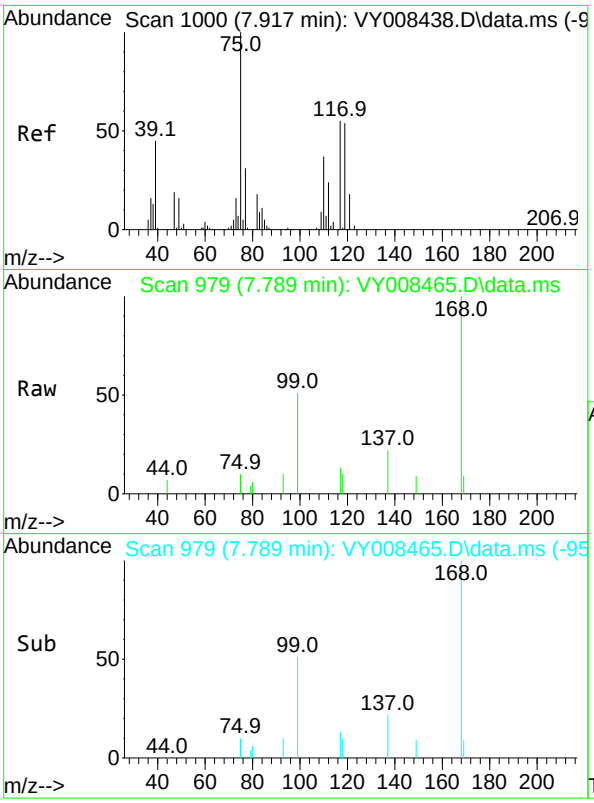


#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion:113 Resp: 1442

Ion	Ratio	Lower	Upper
113	100		
111	115.3	82.6	124.0
192	15.8	17.6	26.4#



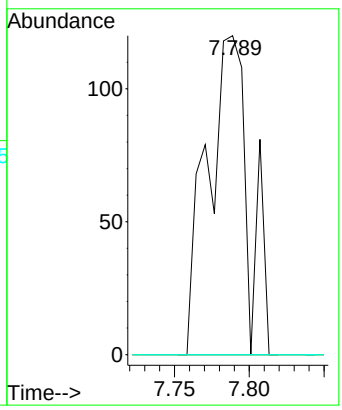


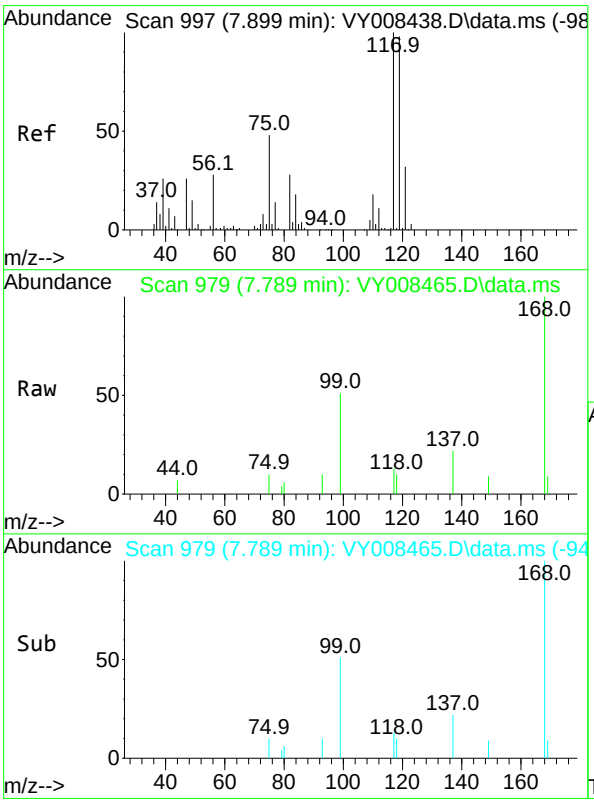
#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 229

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

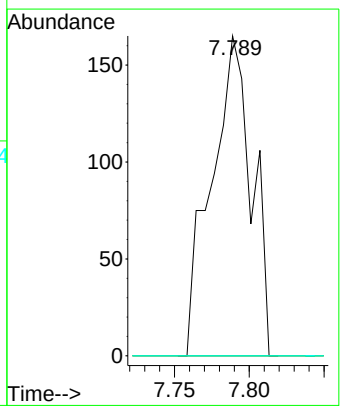


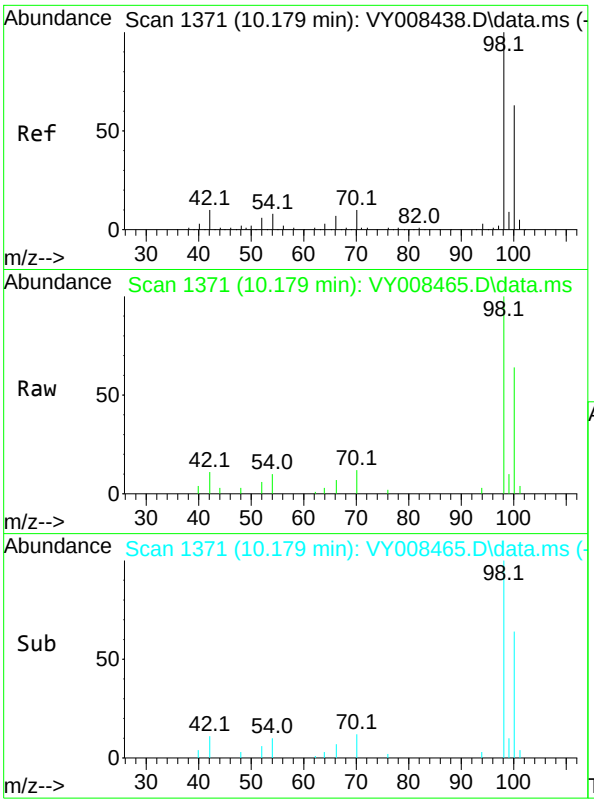


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion:117 Resp: 309

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



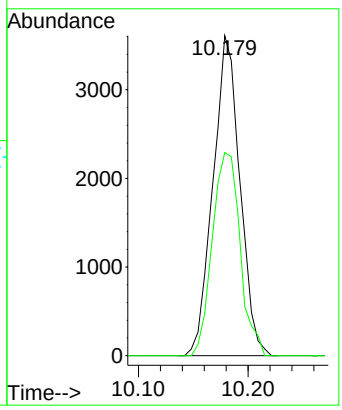


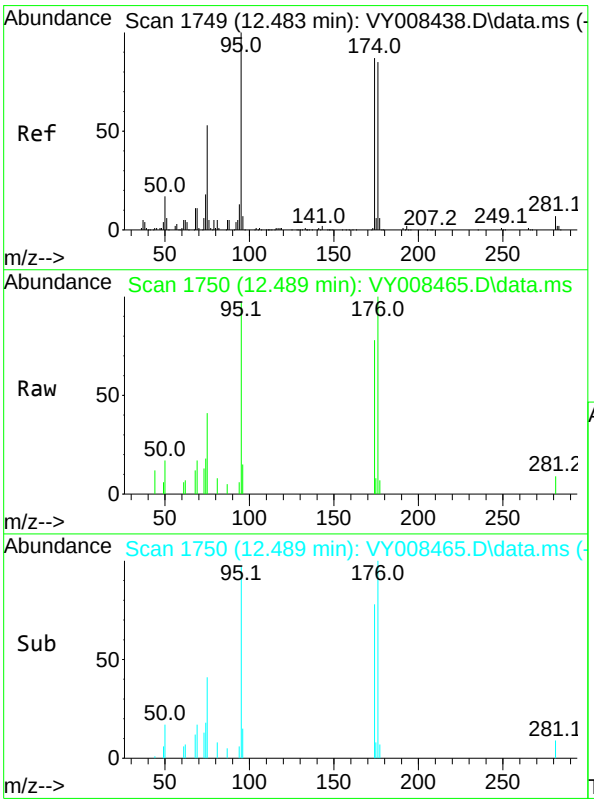
#50
Toluene-d8
Concen: 47.489 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 6152

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.2	75.2

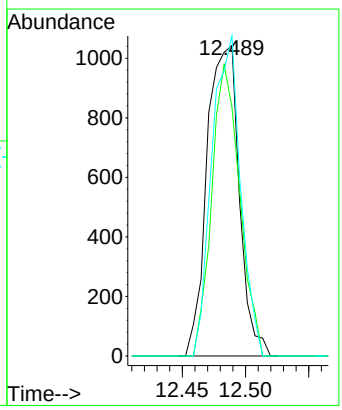


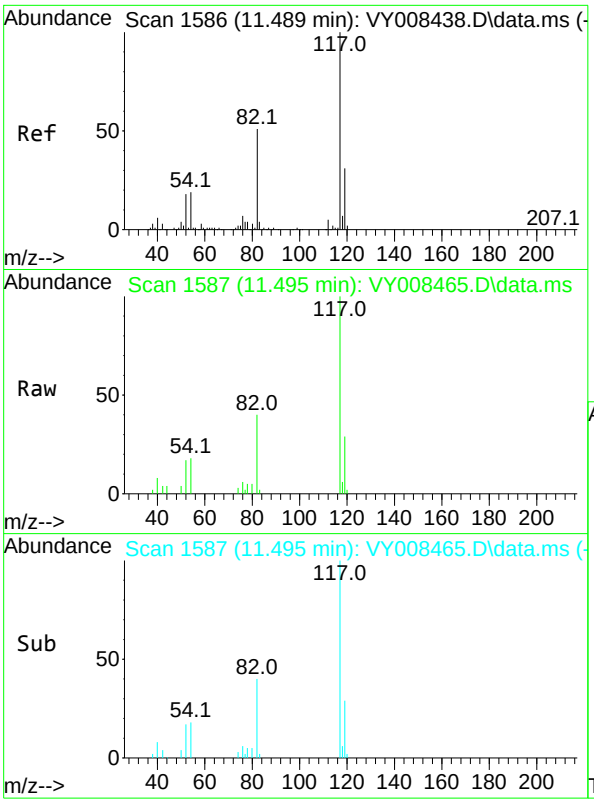


#62
4-Bromofluorobenzene
Concen: 42.003 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 95 Resp: 1843

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	177.0
176	91.5	0.0	175.8



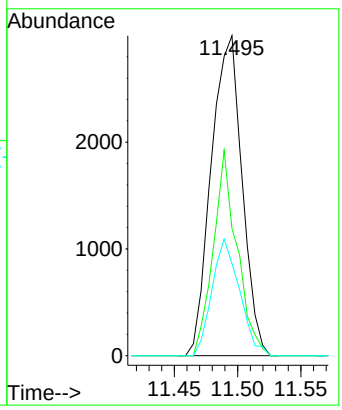


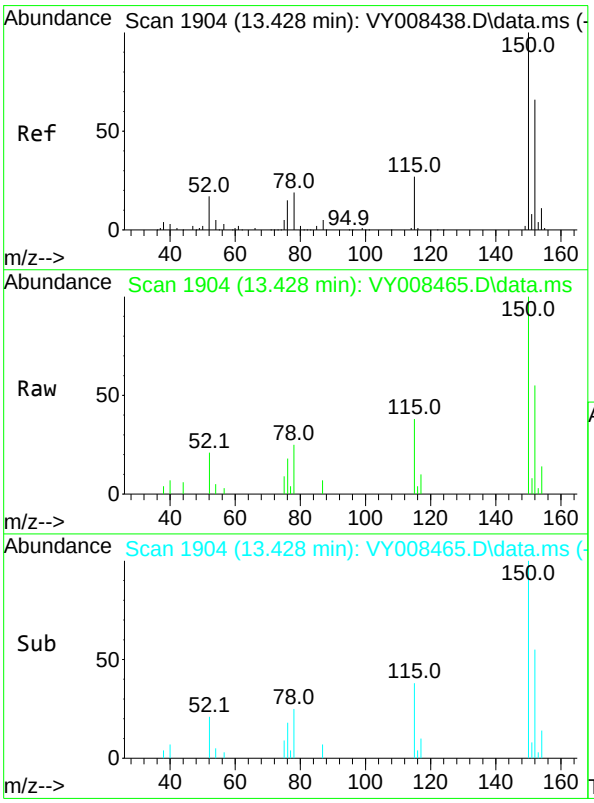
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 5081

Ion	Ratio	Lower	Upper
117	100		
82	39.8	43.0	64.4#
119	28.8	25.4	38.0

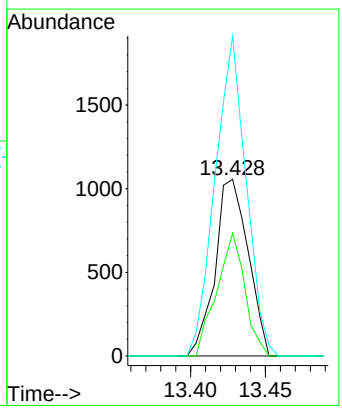


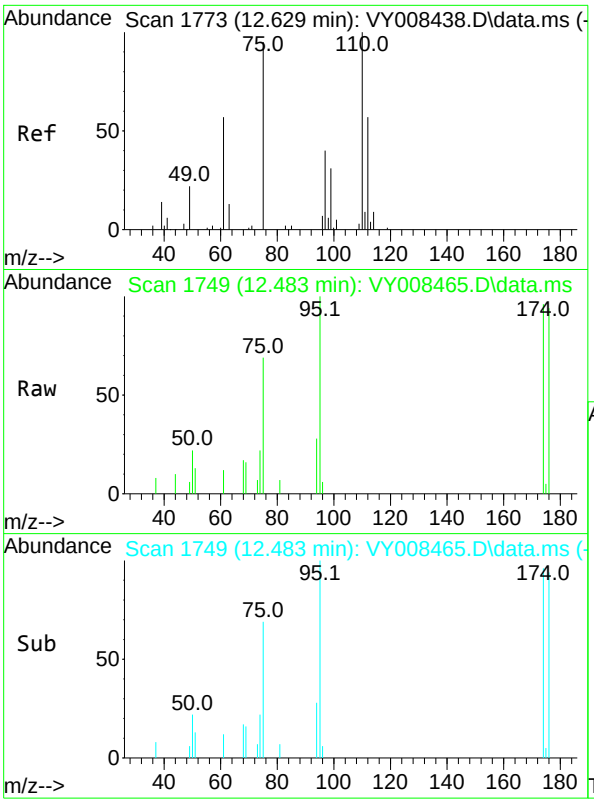


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion:152 Resp: 1623

Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	169.6	0.0	347.6



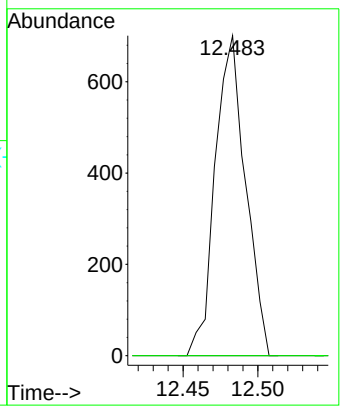


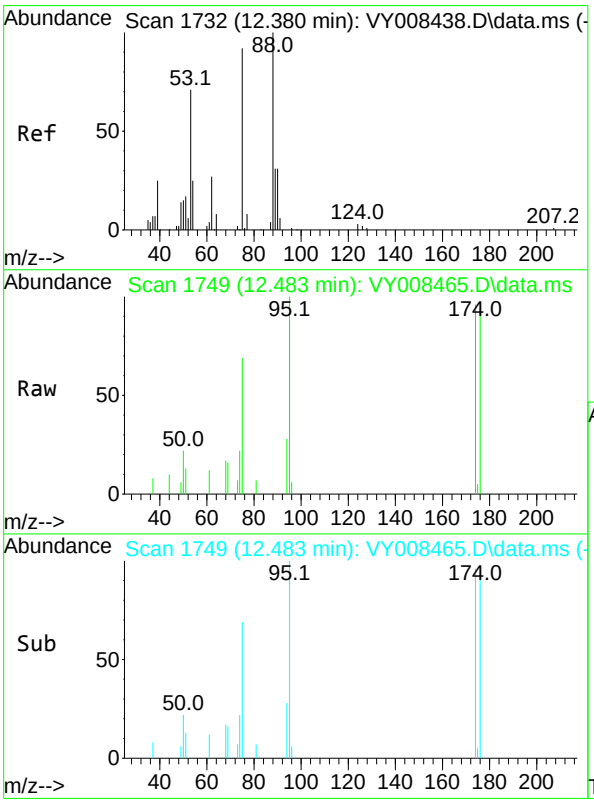
#76
1,2,3-Trichloropropane
Concen: 47.086 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 989

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

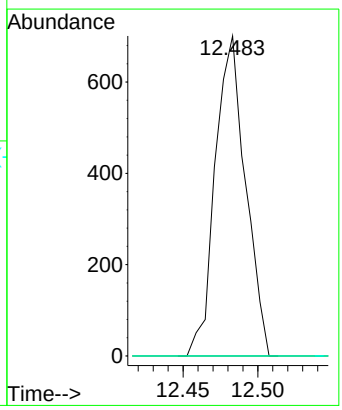


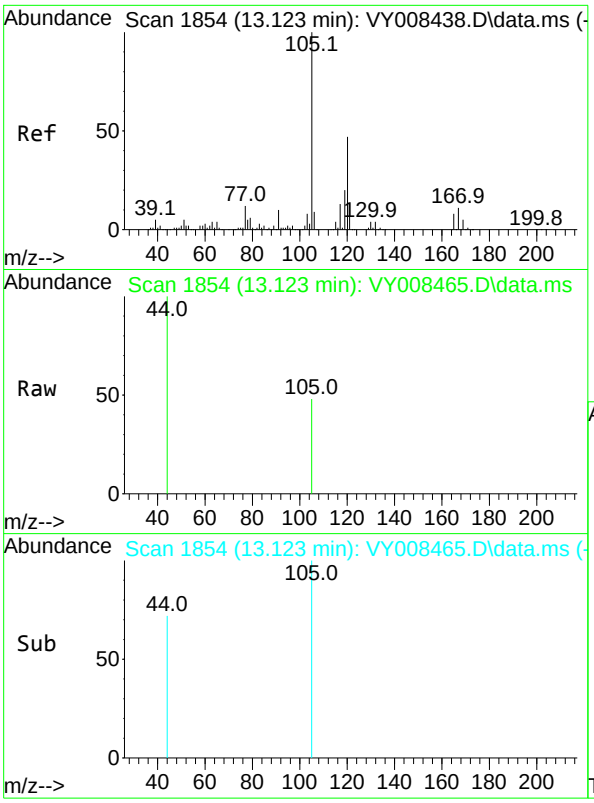


#81
trans-1,4-Dichloro-2-butene
Concen: 109.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Tgt Ion: 75 Resp: 989

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





#84
1,2,4-Trimethylbenzene
Concen: 1.085 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008465.D
Acq: 22 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 110

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.3	66.9#