Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007125.D
Acq On : 11 Jan 2022 20:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 12 05:10:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.79
34) 1,4-Difluorobenzene	8.697	114	20	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	262	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount 50.000	Range 50 - 163		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount 50.000	Range 54 - 147		Recovery =	0.000%#		
50) Toluene-d8	10.179	98	41	83.272	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	166.540%#		
62) 4-Bromofluorobenzene	12.483	95	223	1255.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	2511.660%#		
Target Compounds						Qvalue
36) 1,1-Dichloropropene	8.094	75	21	99.425	ug/l #	42
37) Ethyl Acetate	7.082	43	52	503.044	ug/l #	67
38) Carbon Tetrachloride	8.112	117	42	190.311	ug/l #	12
43) Isopropyl Acetate	8.118	43	297	1480.645	ug/l #	2
51) 4-Methyl-2-Pentanone	10.081	43	193	1953.299	ug/l #	34
53) t-1,3-Dichloropropene	10.581	75	300	1369.273	ug/l #	43
55) 1,1,2-Trichloroethane	10.587	97	104	911.900	ug/l #	16
59) 2-Hexanone	10.947	43	20	312.013	ug/l #	23
66) 1,1,1,2-Tetrachloroethane	11.325	131	327	156.641	ug/l #	1
67) Ethyl Benzene	11.697	91	120	11.331	ug/l #	45
68) m/p-Xylenes	11.709	106	87	21.964	ug/l #	54
70) Styrene	12.057	104	45	7.177	ug/l #	61
73) Isopropylbenzene	12.495	105	107	3.023	ug/l #	69
76) 1,2,3-Trichloropropane	12.483	75	723	152.282	ug/l #	100
78) n-propylbenzene	12.861	91	105	2.428	ug/l #	53
79) 2-Chlorotoluene	12.861	91	105	4.268	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.483	75	723	286.025	ug/l #	3
82) 4-Chlorotoluene	12.861	91	105	4.134	ug/l #	42
87) 1,3-Dichlorobenzene	13.453	146	52	3.447	ug/l	80
88) 1,4-Dichlorobenzene	13.453	146	52	3.462	ug/l	79
91) 1,2-Dichlorobenzene	13.751	146	27	2.038	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.013	180	22	2.799	ug/l #	12
95) Naphthalene	15.245	128	276	16.747	ug/l #	69

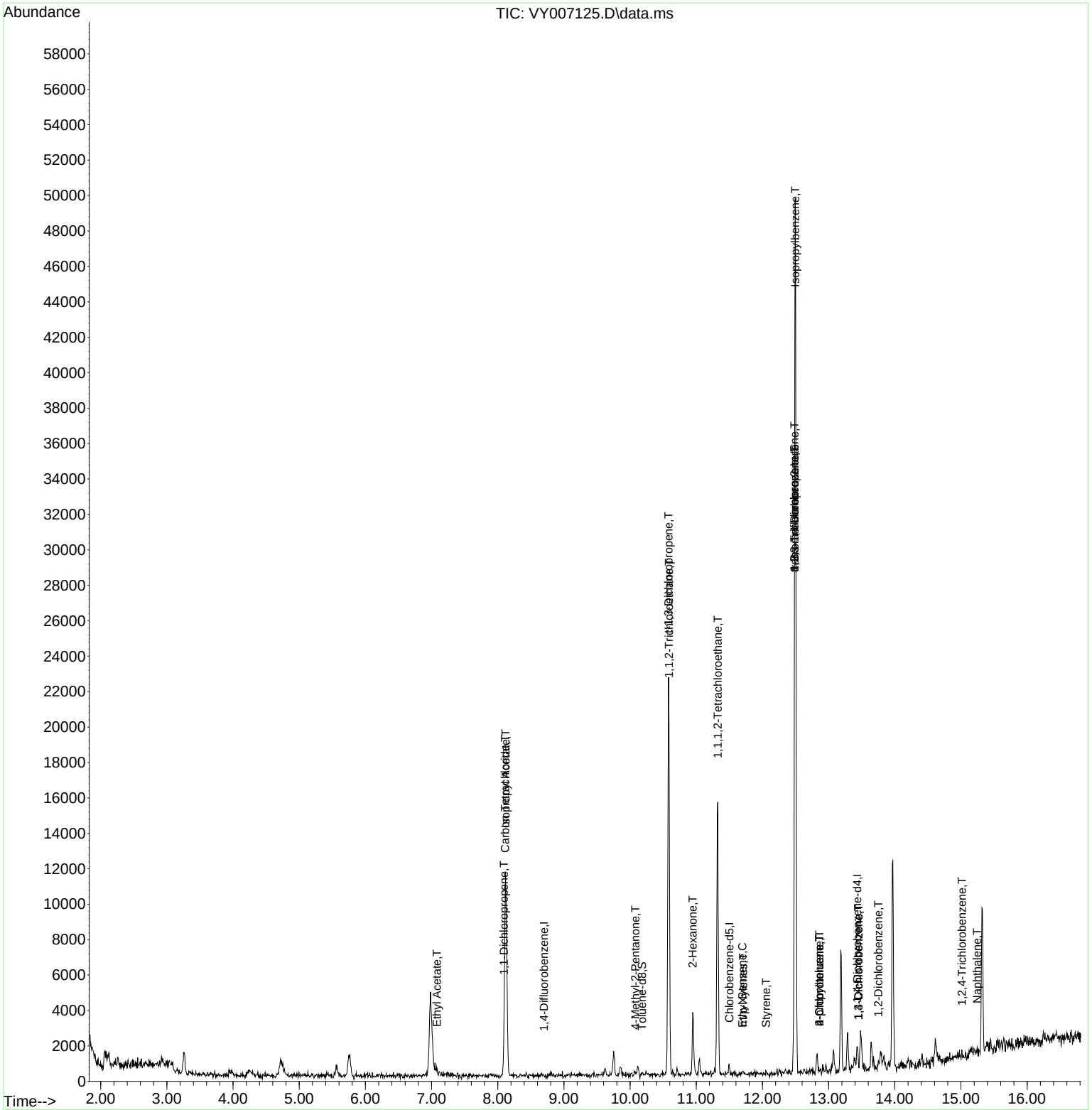
(#) = qualifier out of range (m) = manual integration (+) = signals summed

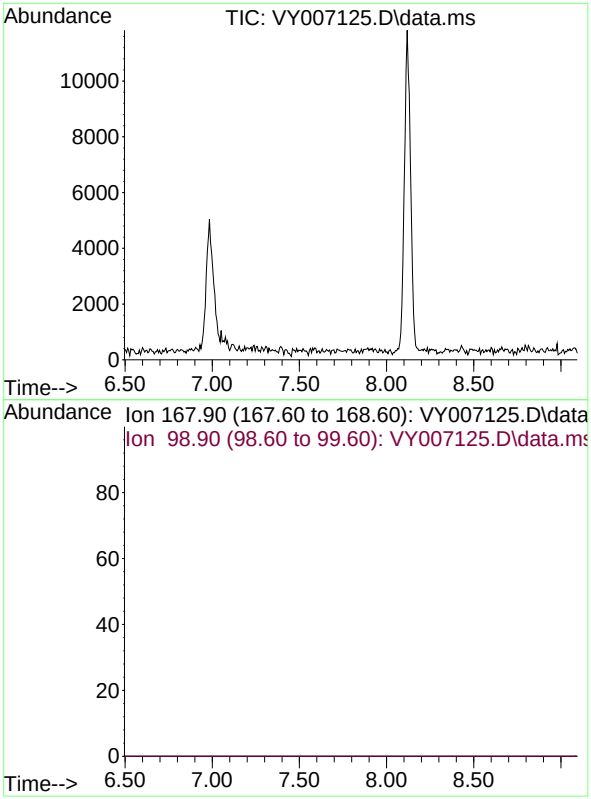
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007125.D
Acq On : 11 Jan 2022 20:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 12 05:10:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration





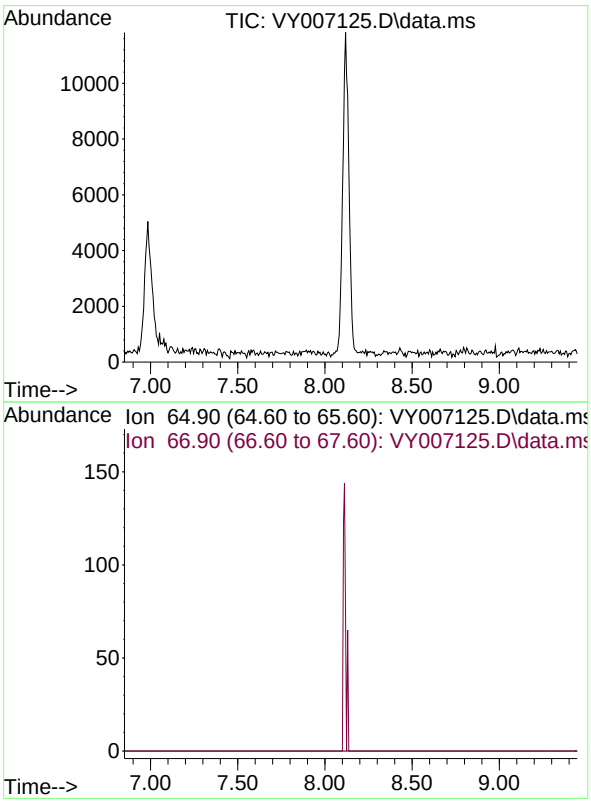
#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.79 min

Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 168

Sig	Exp Ratio
168	100
99	61.4

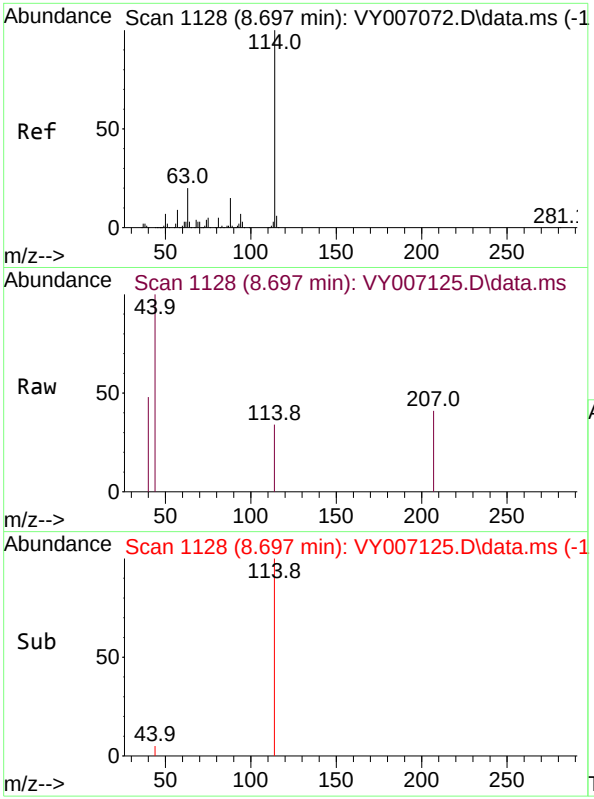


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.15 min

Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.8

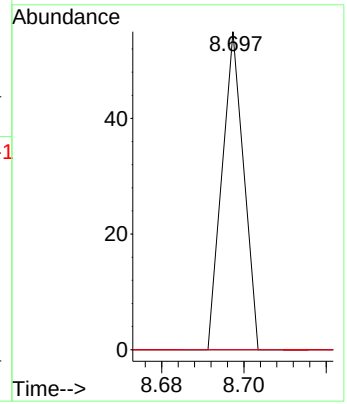


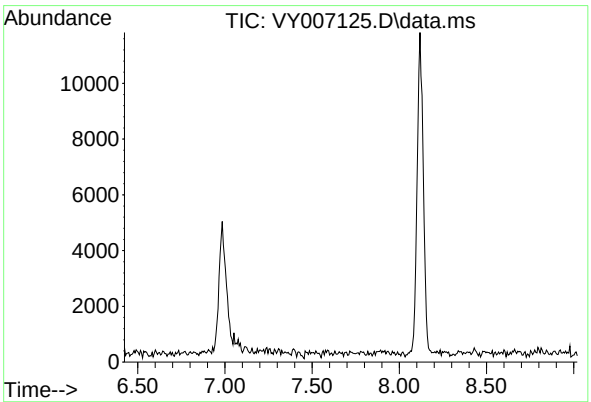
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 20

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	39.2
88	0.0	0.0	31.0



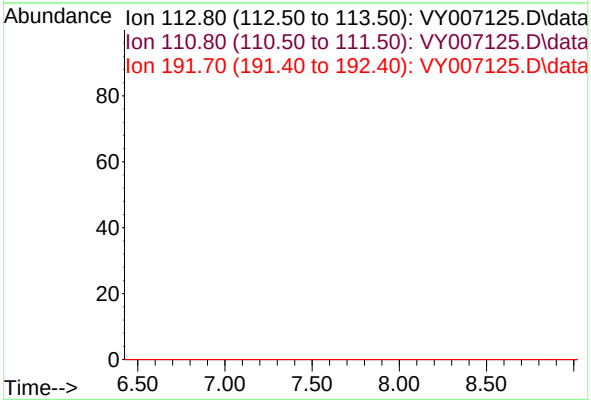


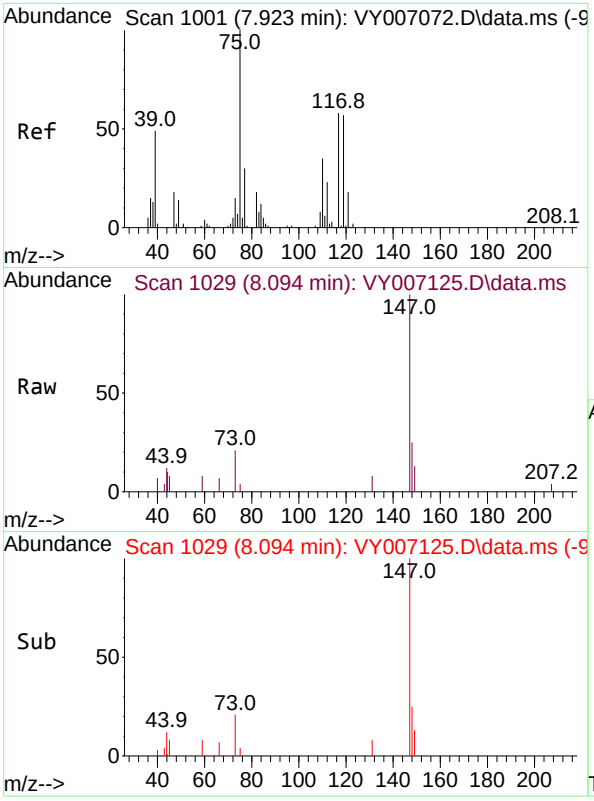
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.72 min

Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.8
192	17.8



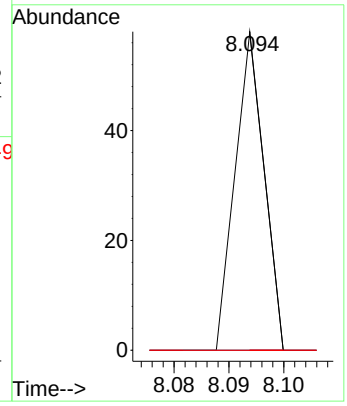


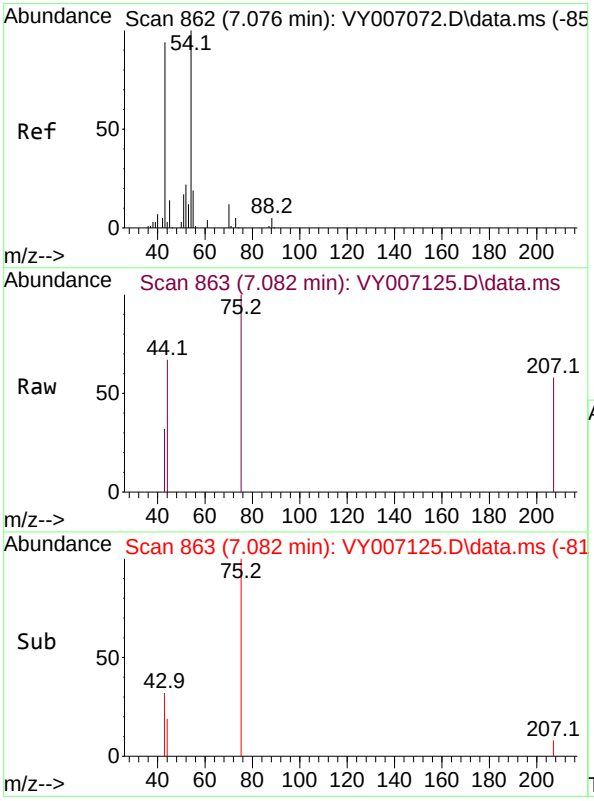
#36
1,1-Dichloropropene
Concen: 99.425 ug/l
RT: 8.094 min Scan# 1
Delta R.T. 0.171 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 21

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	51.9#
77	0.0	24.7	37.1#

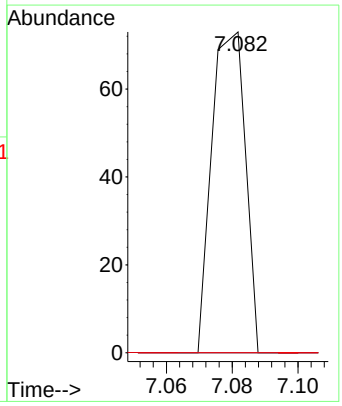


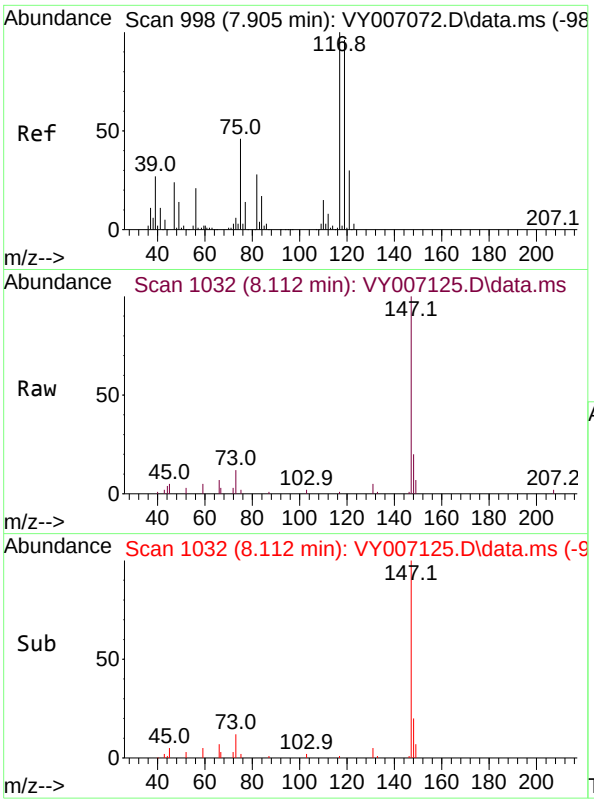


#37
Ethyl Acetate
Concen: 503.044 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 43 Resp: 52

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	9.0	13.4#



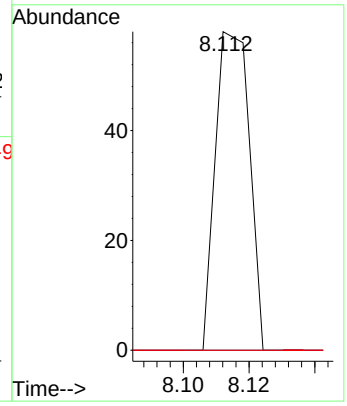


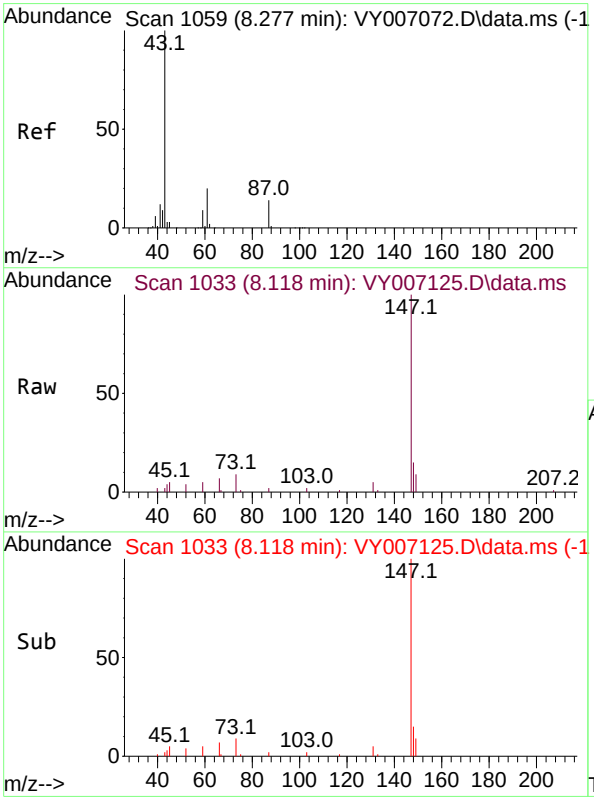
#38
Carbon Tetrachloride
Concen: 190.311 ug/l
RT: 8.112 min Scan# 1
Delta R.T. 0.207 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 42

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.2	36.2#

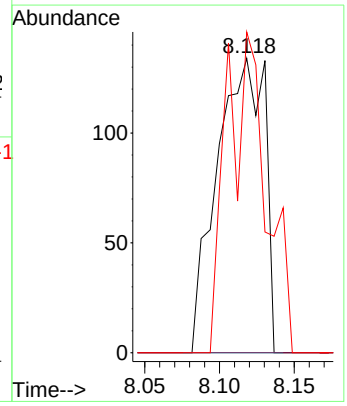


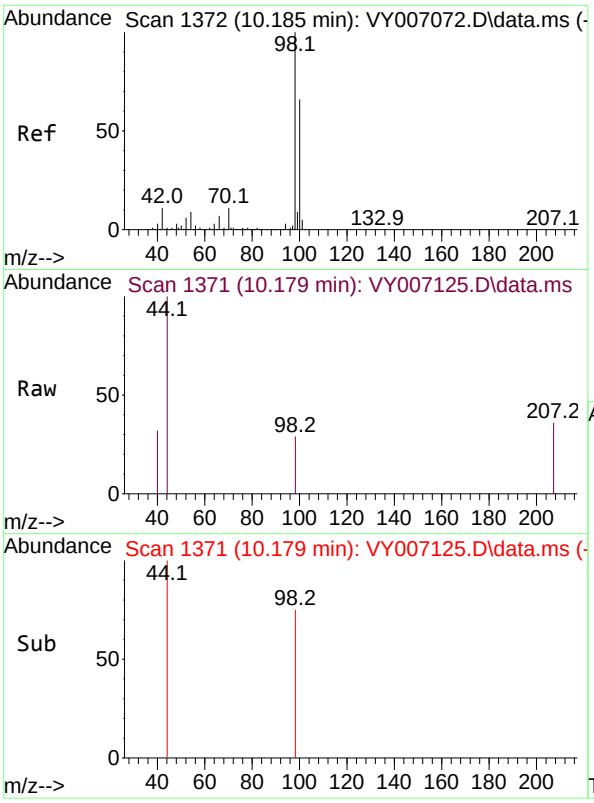


#43
Isopropyl Acetate
Concen: 1480.645 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.158 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	90.6	11.6	17.4#



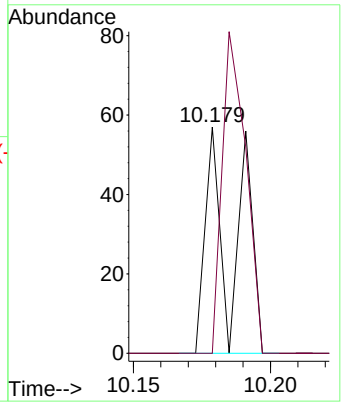


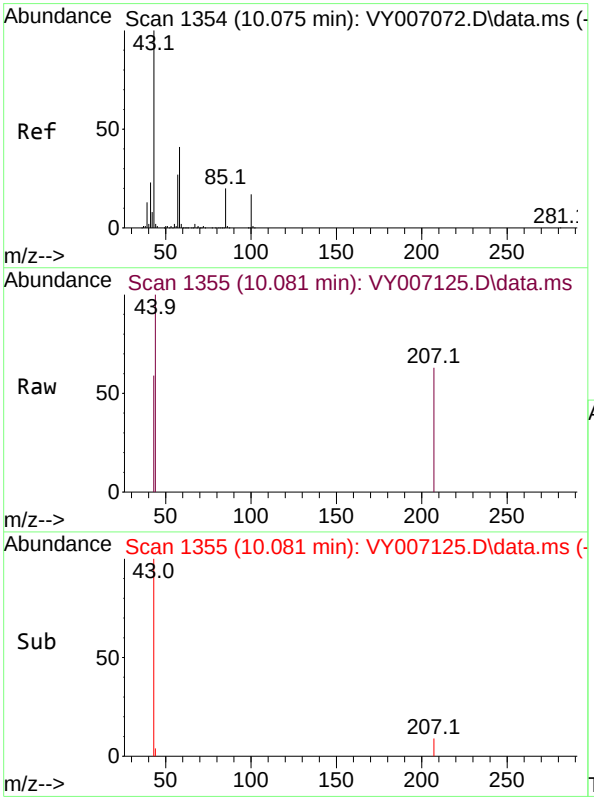
#50
Toluene-d8
Concen: 83.272 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 41

Ion	Ratio	Lower	Upper
98	100		
100	119.5	52.2	78.2#

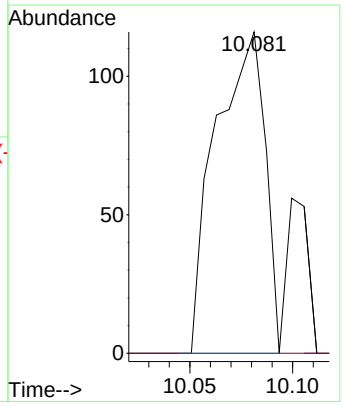


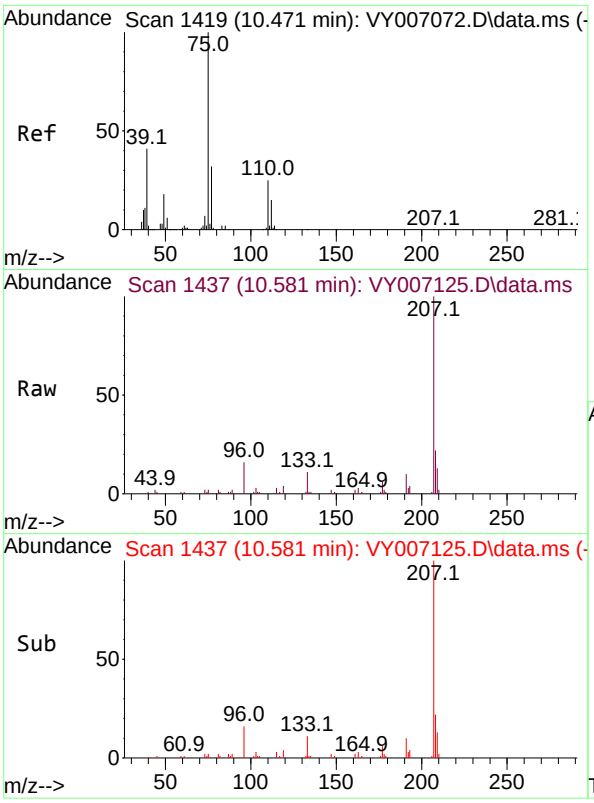


#51
4-Methyl-2-Pentanone
Concen: 1953.299 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 43 Resp: 193

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



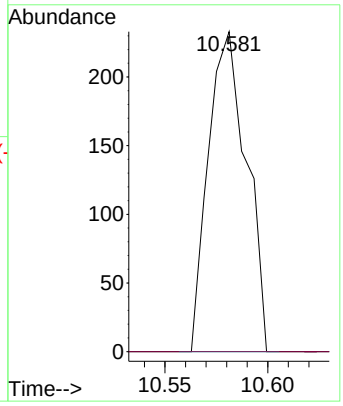


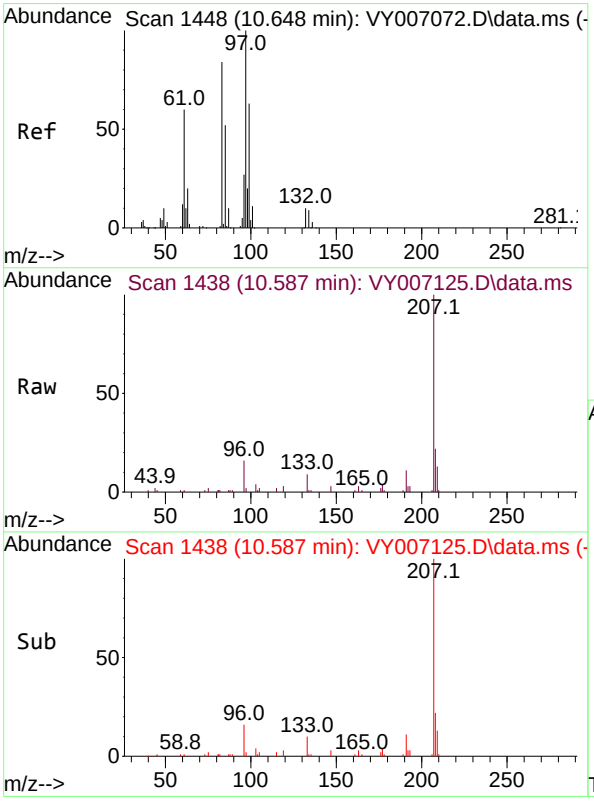
#53
t-1,3-Dichloropropene
Concen: 1369.273 ug/l
RT: 10.581 min Scan# 14
Delta R.T. 0.110 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 300

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

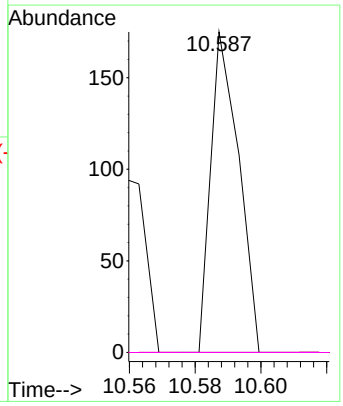


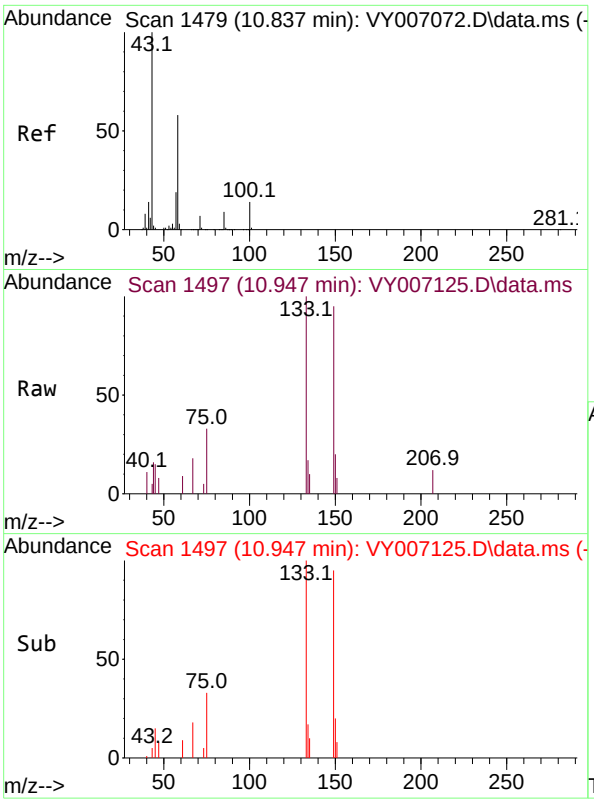


#55
1,1,2-Trichloroethane
Concen: 911.900 ug/l
RT: 10.587 min Scan# 1438
Delta R.T. -0.061 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 97 Resp: 104

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.0	100.4#
85	0.0	41.2	61.8#
99	0.0	50.7	76.1#



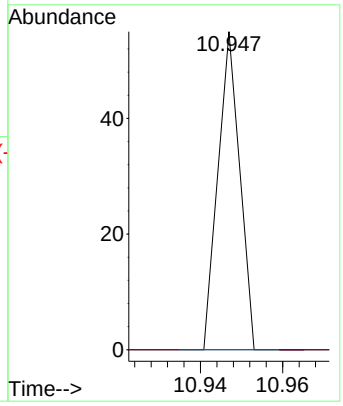


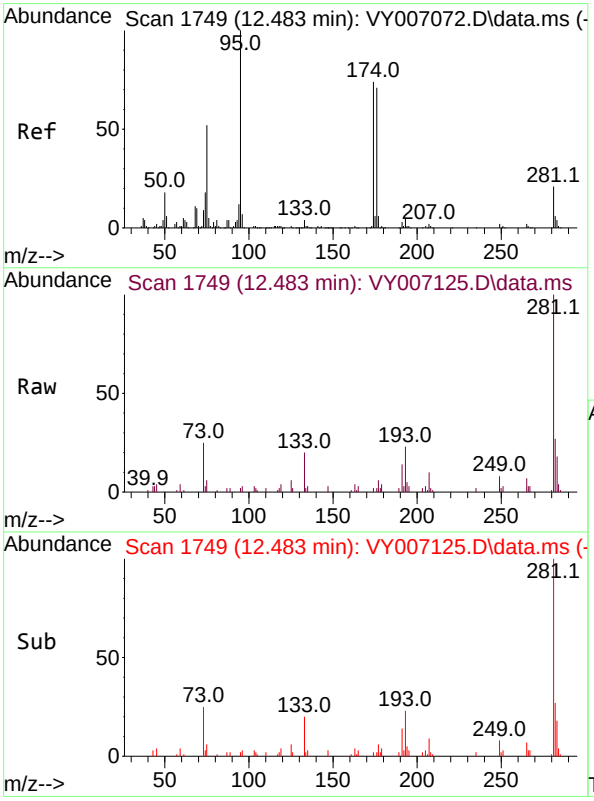
#59
2-Hexanone
Concen: 312.013 ug/l
RT: 10.947 min Scan# 14
Delta R.T. 0.110 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.3#

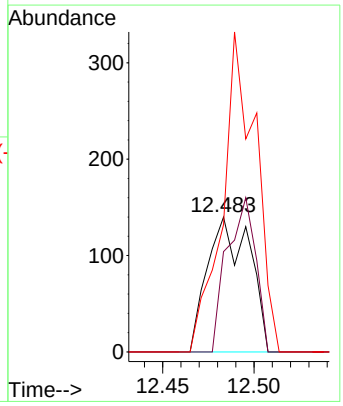


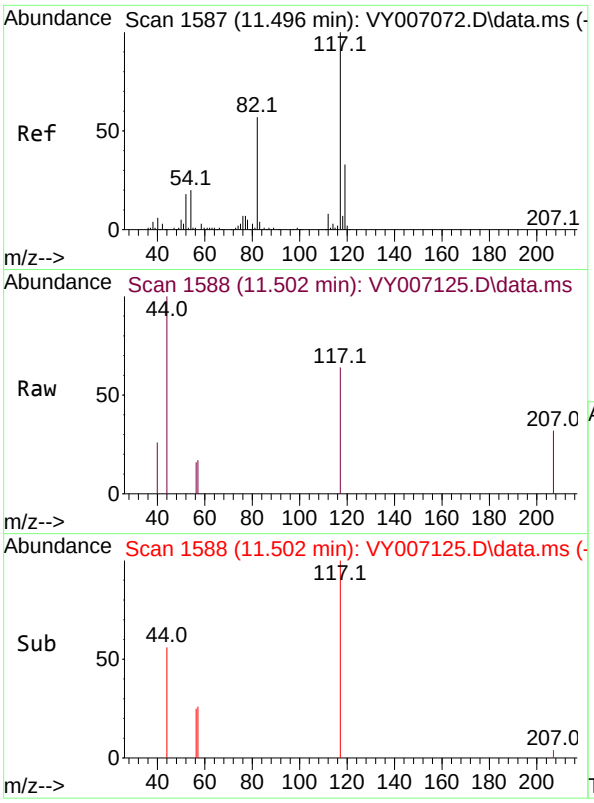


#62
4-Bromofluorobenzene
Concen: 1255.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 95 Resp: 223

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	148.4
176	187.4	0.0	146.6#



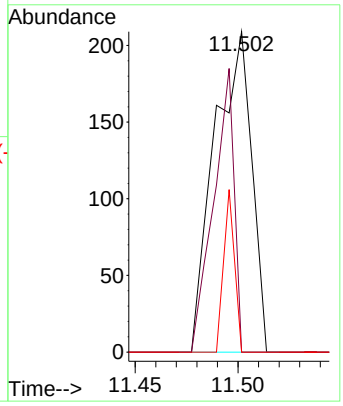


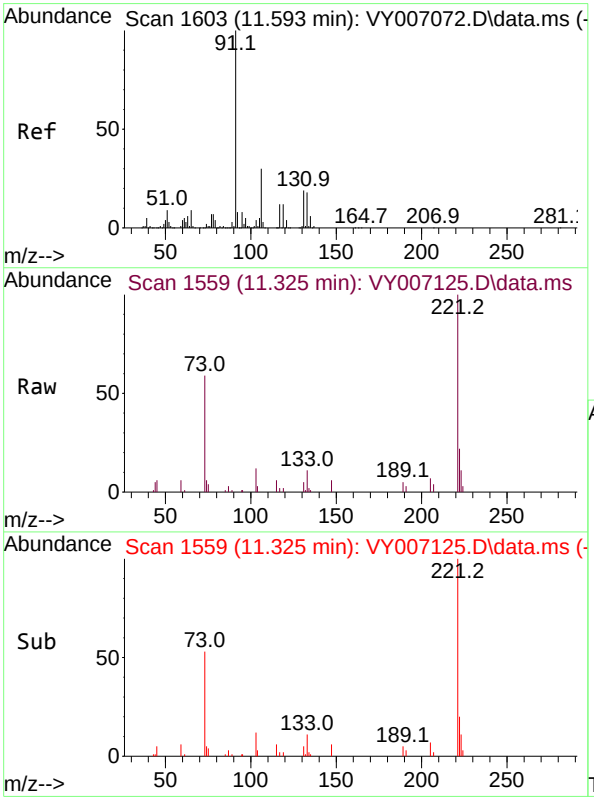
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 262

Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.4	68.0#
119	0.0	26.4	39.6#

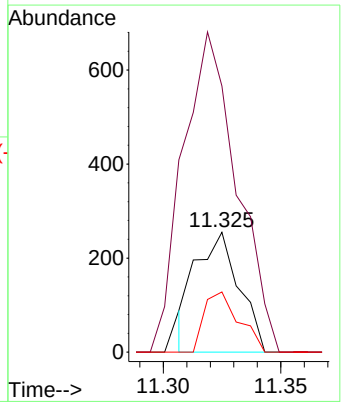


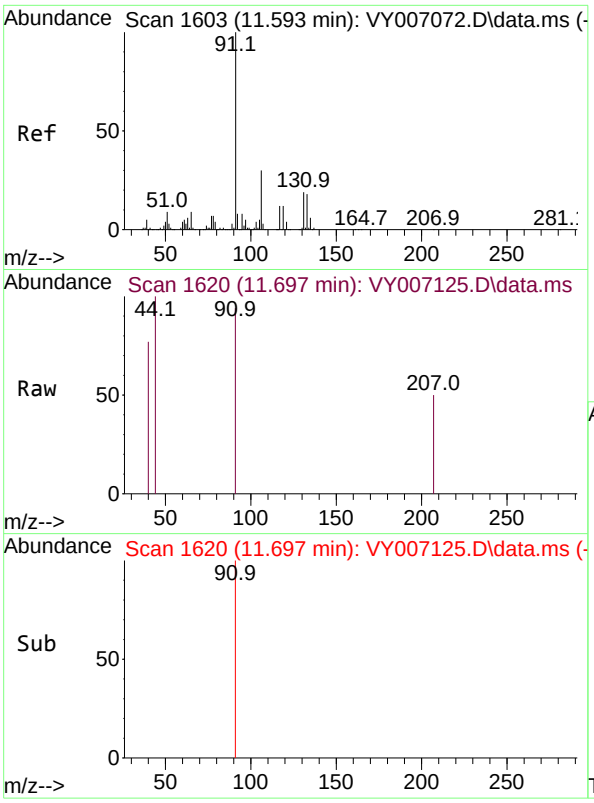


#66
1,1,1,2-Tetrachloroethane
Concen: 156.641 ug/l
RT: 11.325 min Scan# 1559
Delta R.T. -0.268 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion:131 Resp: 327

Ion	Ratio	Lower	Upper
131	100		
133	277.7	47.5	142.5#
119	40.4	32.6	97.7



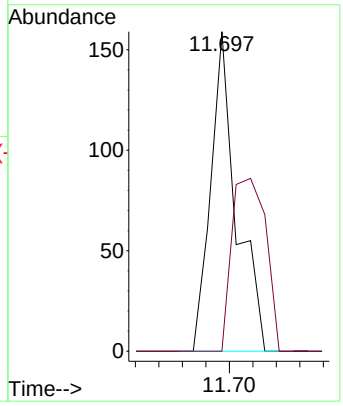


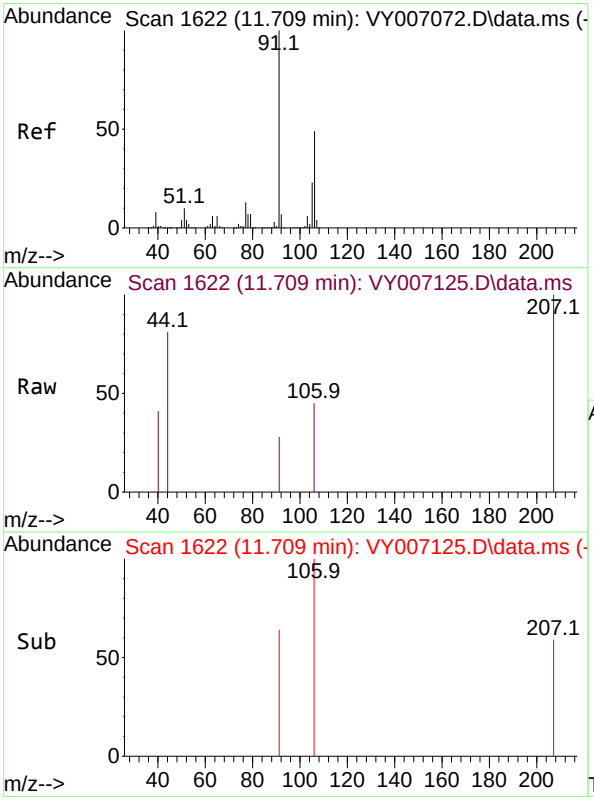
#67
Ethyl Benzene
Concen: 11.331 ug/l
RT: 11.697 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 120

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.9	35.9#

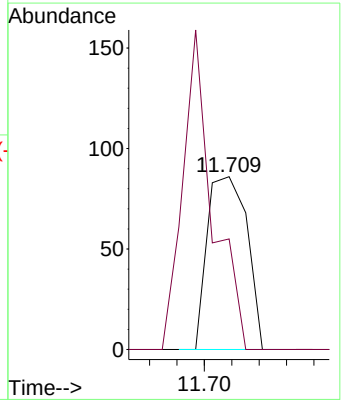


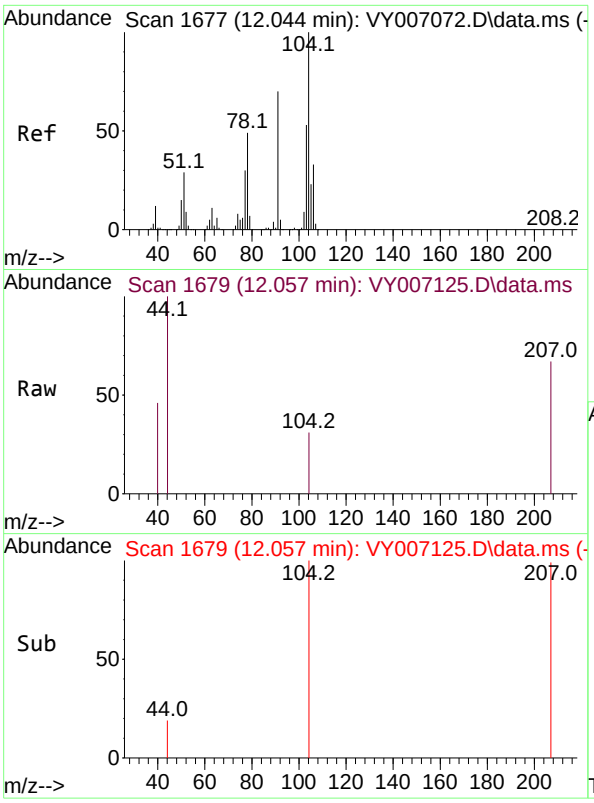


#68
m/p-Xylenes
Concen: 21.964 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion:106 Resp: 87

Ion	Ratio	Lower	Upper
106	100		
91	137.9	167.1	250.7#



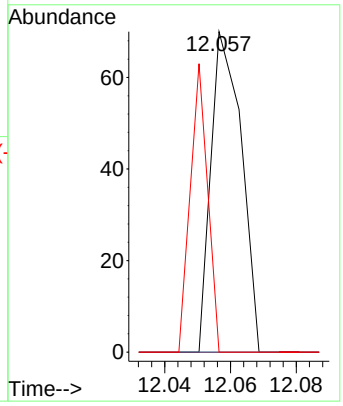


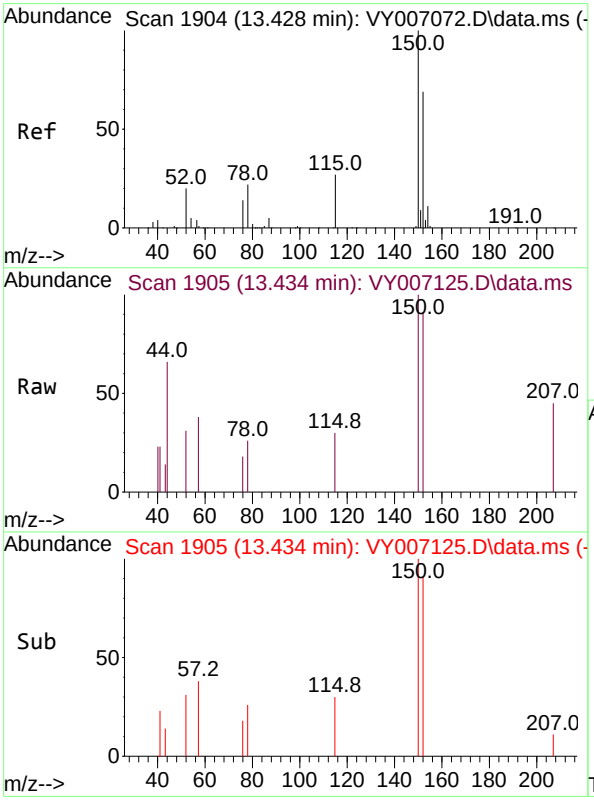
#70
Styrene
Concen: 7.177 ug/l
RT: 12.057 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:104 Resp: 45

Ion	Ratio	Lower	Upper
104	100		
78	0.0	41.4	62.0#
103	51.1	44.2	66.2

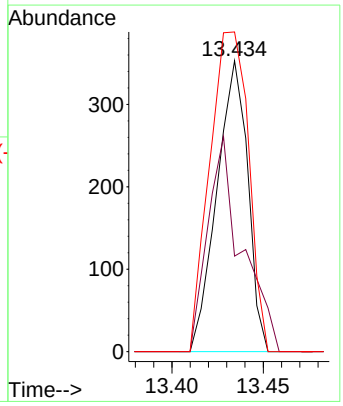


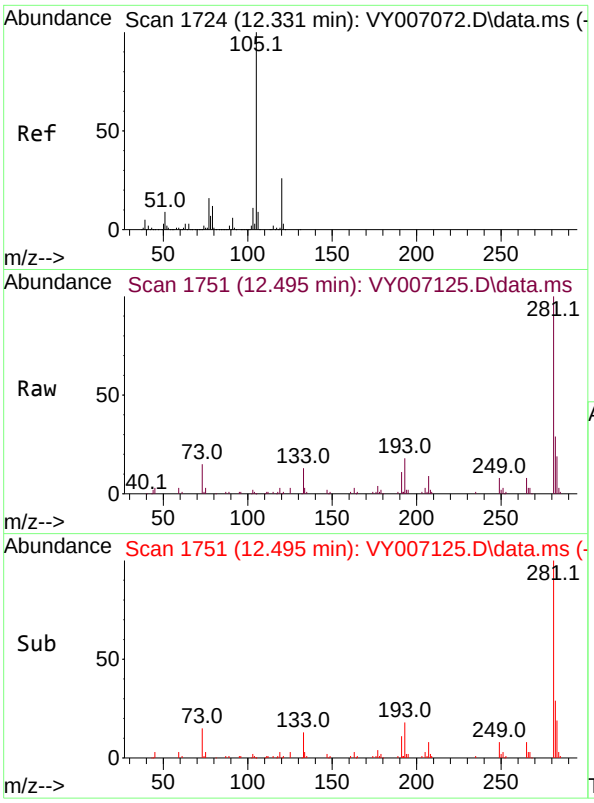


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion:152 Resp: 416

Ion	Ratio	Lower	Upper
152	100		
115	81.5	31.4	94.0
150	138.0	0.0	348.4



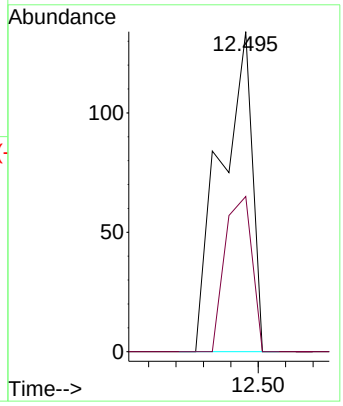


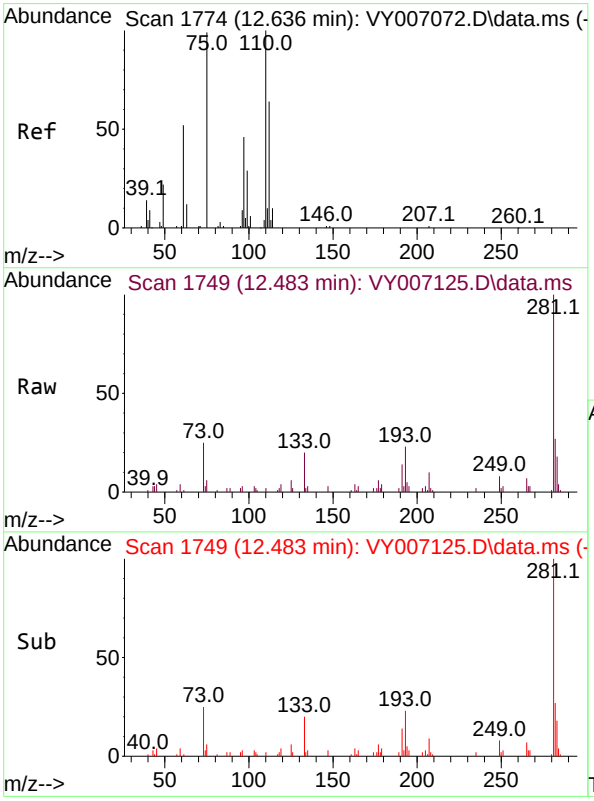
#73
Isopropylbenzene
Concen: 3.023 ug/l
RT: 12.495 min Scan# 1
Delta R.T. 0.165 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 107

Ion	Ratio	Lower	Upper
105	100		
120	42.1	13.1	39.1#

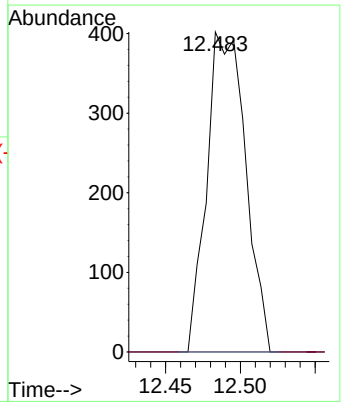


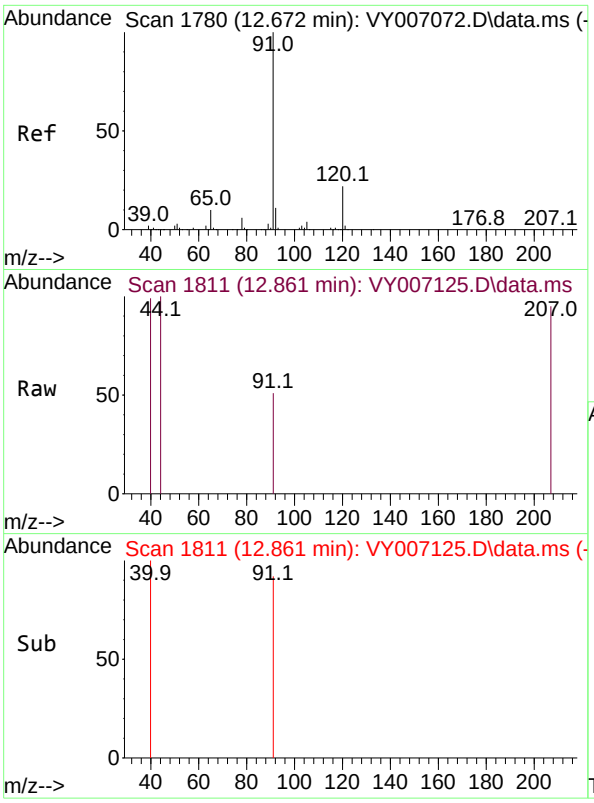


#76
1,2,3-Trichloropropane
Concen: 152.282 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 75 Resp: 723

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



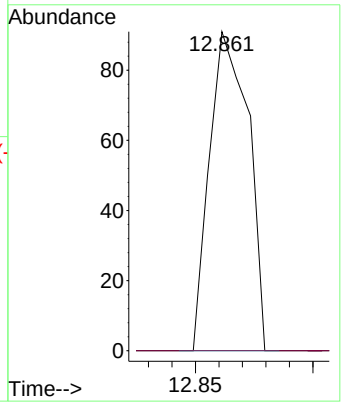


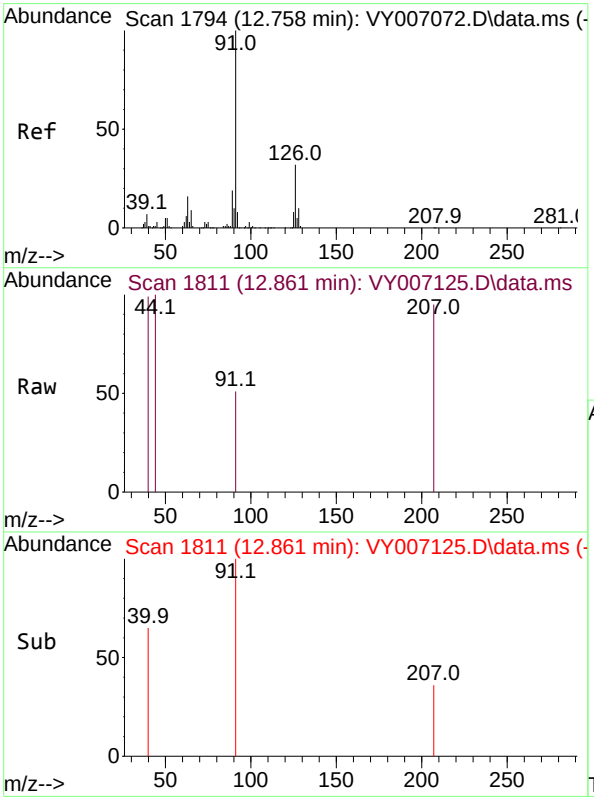
#78
n-propylbenzene
Concen: 2.428 ug/l
RT: 12.861 min Scan# 1
Delta R.T. 0.189 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 105

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.2	33.5#

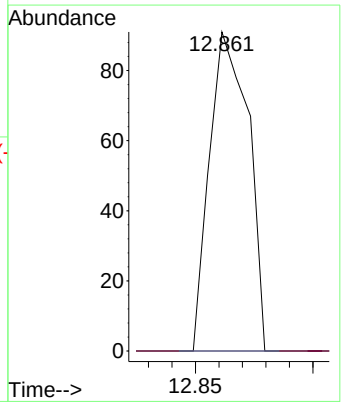


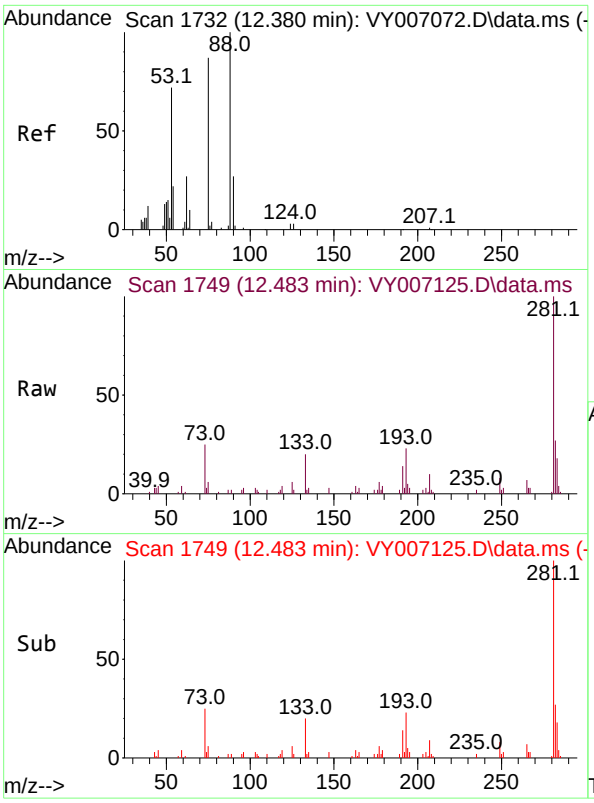


#79
2-Chlorotoluene
Concen: 4.268 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.104 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 91 Resp: 105

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#



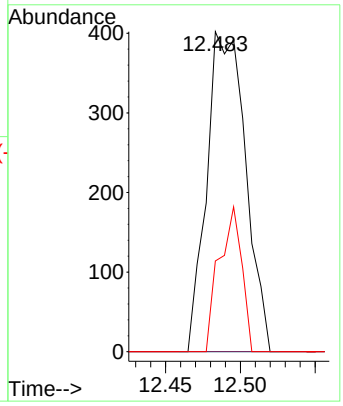


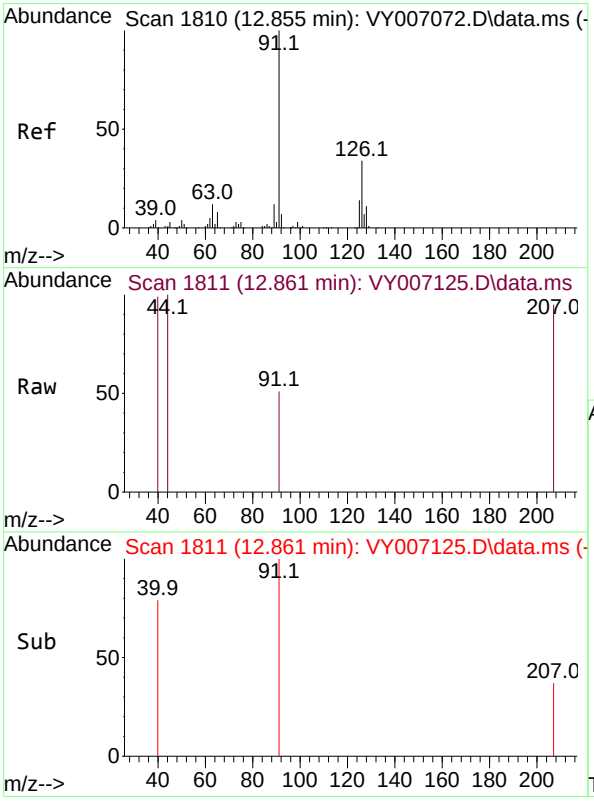
#81
trans-1,4-Dichloro-2-butene
Concen: 286.025 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 723

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	26.4	0.0	0.0#

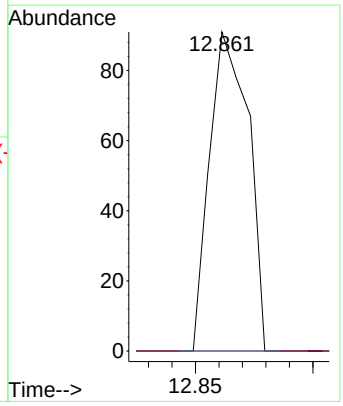


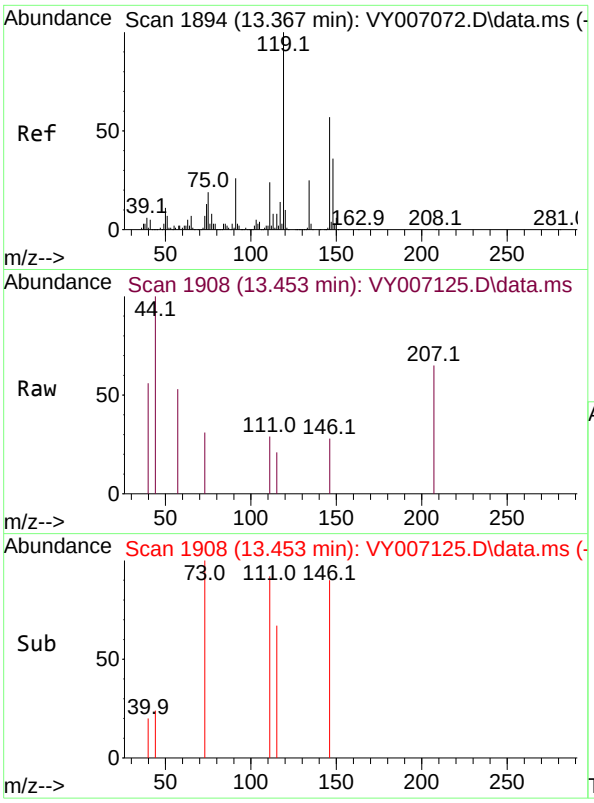


#82
4-Chlorotoluene
Concen: 4.134 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion: 91 Resp: 105

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.9#



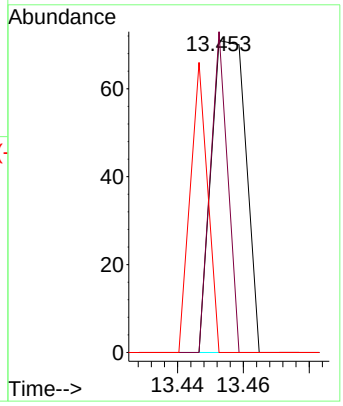


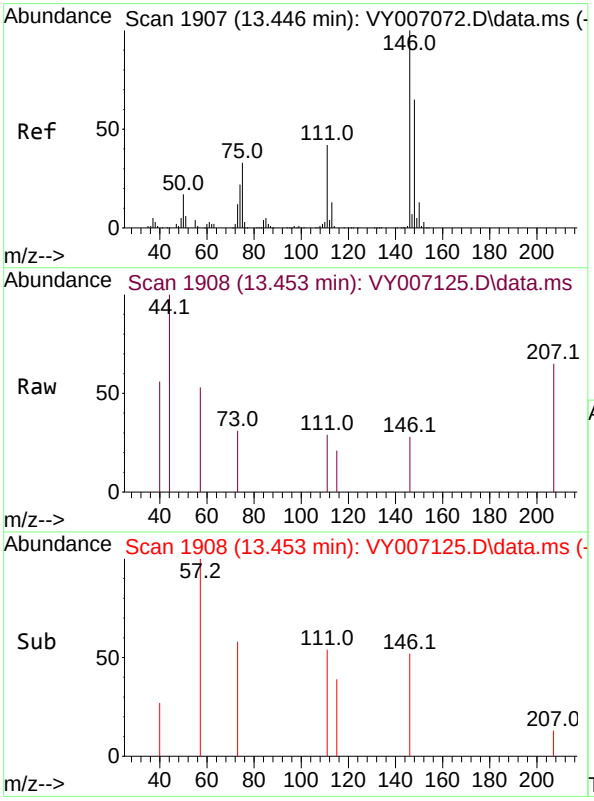
#87
1,3-Dichlorobenzene
Concen: 3.447 ug/l
RT: 13.453 min Scan# 1
Delta R.T. 0.085 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 52

Ion	Ratio	Lower	Upper
146	100		
111	51.9	21.1	63.1
148	46.2	31.9	95.7

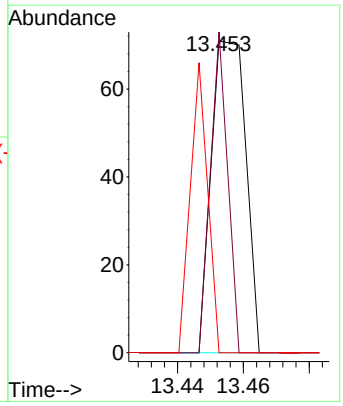


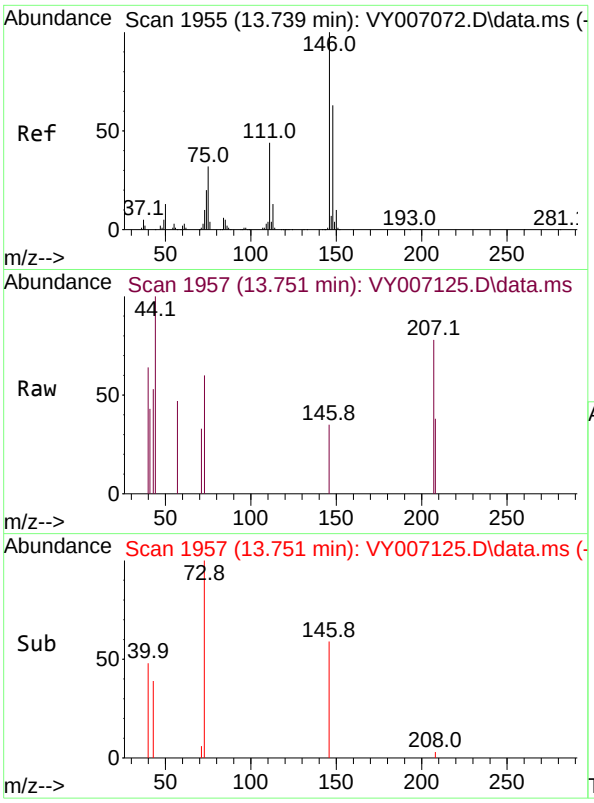


#88
1,4-Dichlorobenzene
Concen: 3.462 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion:146 Resp: 52

Ion	Ratio	Lower	Upper
146	100		
111	51.9	20.7	62.1
148	46.2	32.0	96.2



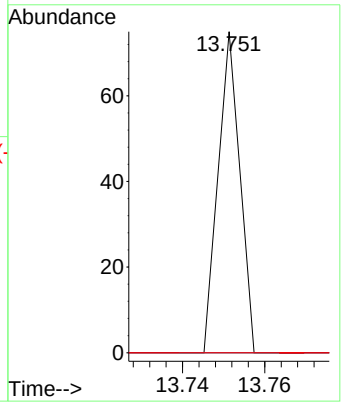


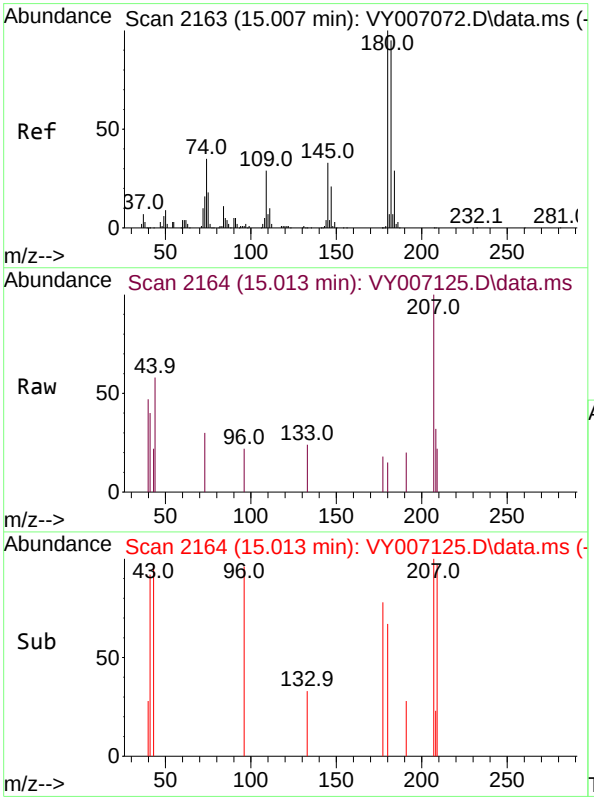
#91
1,2-Dichlorobenzene
Concen: 2.038 ug/l
RT: 13.751 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 27

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.3#
148	0.0	31.1	93.5#

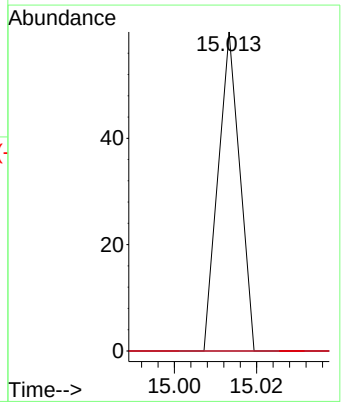


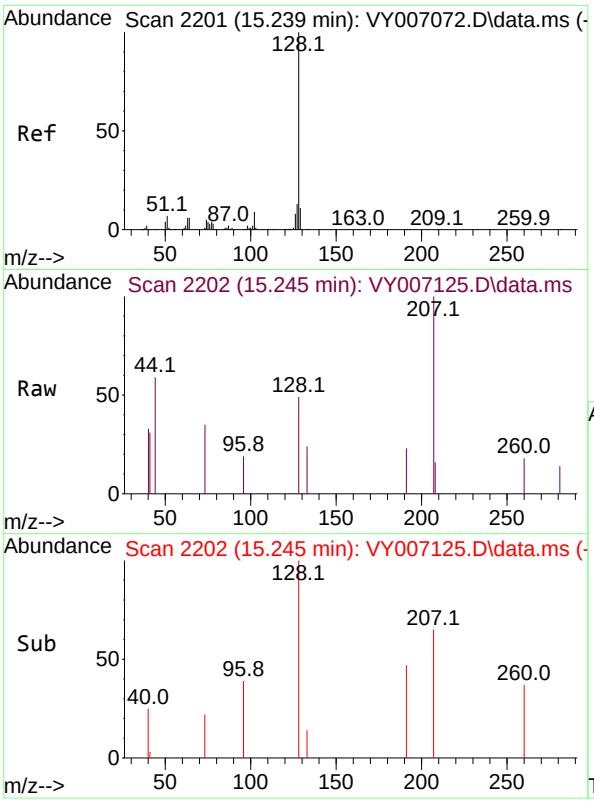


#93
1,2,4-Trichlorobenzene
Concen: 2.799 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Tgt Ion:180 Resp: 22

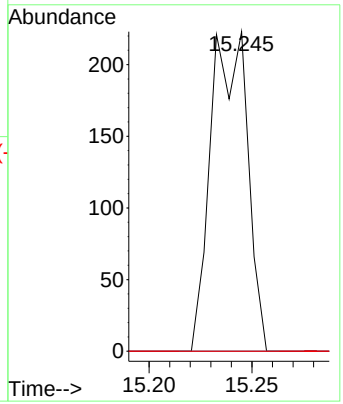
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.8#
145	0.0	16.4	49.1#





#95
Naphthalene
Concen: 16.747 ug/l
RT: 15.245 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY007125.D
Acq: 11 Jan 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 276

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.9	13.3#