Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
Data File : VY009750.D
Acq On : 28 Jul 2022 14:51
Operator : KP/MD
Sample : N3925-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Quant Time: Jul 29 02:56:41 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	134397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	241869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63033	72.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.640%			
35) Dibromofluoromethane	7.710	113	58417	40.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 81.020%			
50) Toluene-d8	10.179	98	211294	50.336	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.477	95	66486	34.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 69.540%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	613	3.834	ug/l #	77
16) Acetone	3.942	43	3255	10.130	ug/l #	83
18) Methyl Acetate	4.460	43	70	Below Cal	#	56
20) Methylene Chloride	4.704	84	23133	6.589	ug/l	85
25) 2-Butanone	6.978	43	1350	2.848	ug/l	98
31) Cyclohexane	7.777	56	2611	1.221	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	9468	4.035	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11958	4.756	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	34363	33.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34363	65.877	ug/l #	7

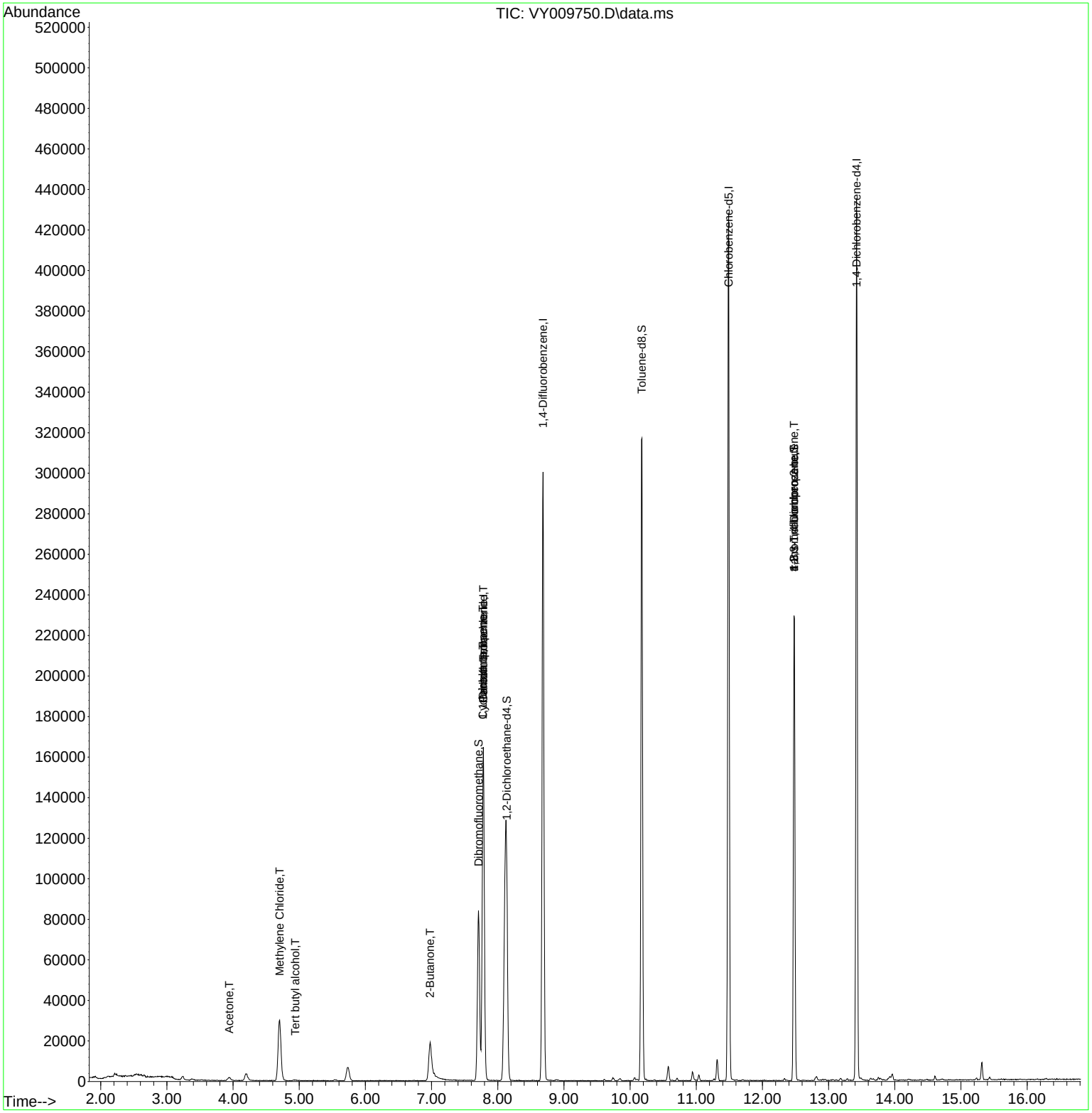
(#) = qualifier out of range (m) = manual integration (+) = signals summed

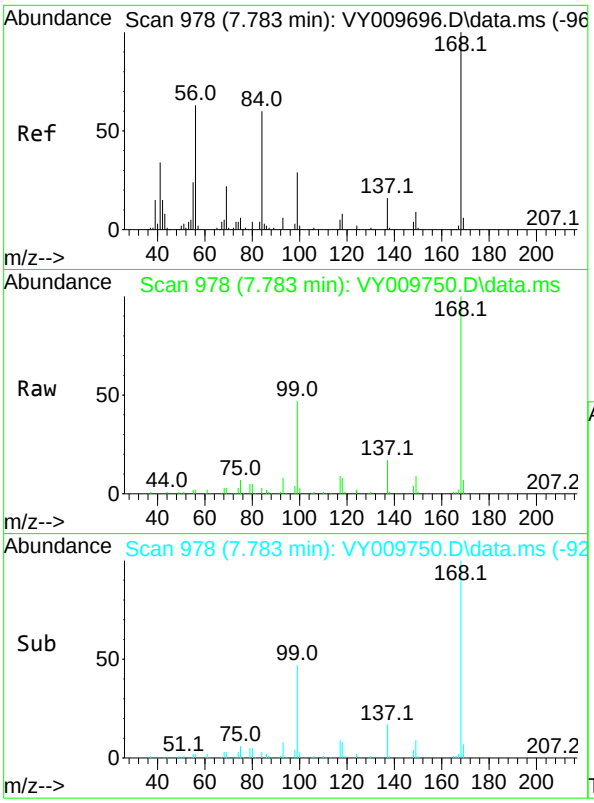
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
Data File : VY009750.D
Acq On : 28 Jul 2022 14:51
Operator : KP/MD
Sample : N3925-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Quant Time: Jul 29 02:56:41 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



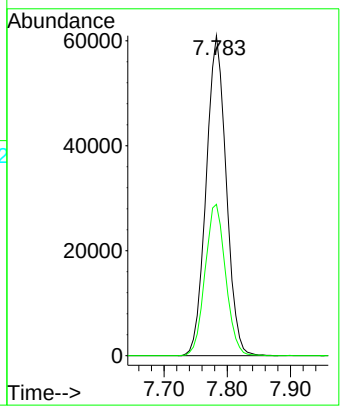


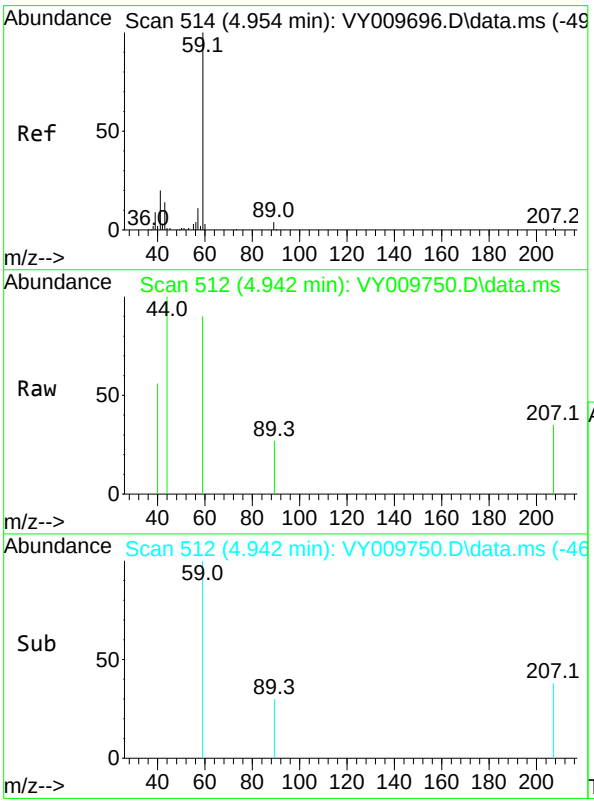
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion:168 Resp: 134397

Ion	Ratio	Lower	Upper
168	100		
99	47.3	46.9	70.3

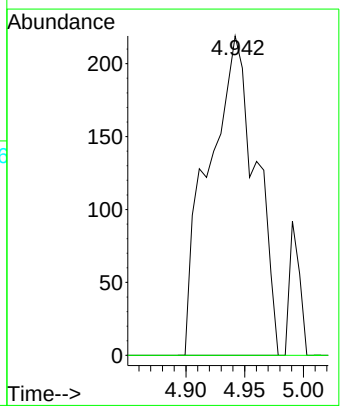


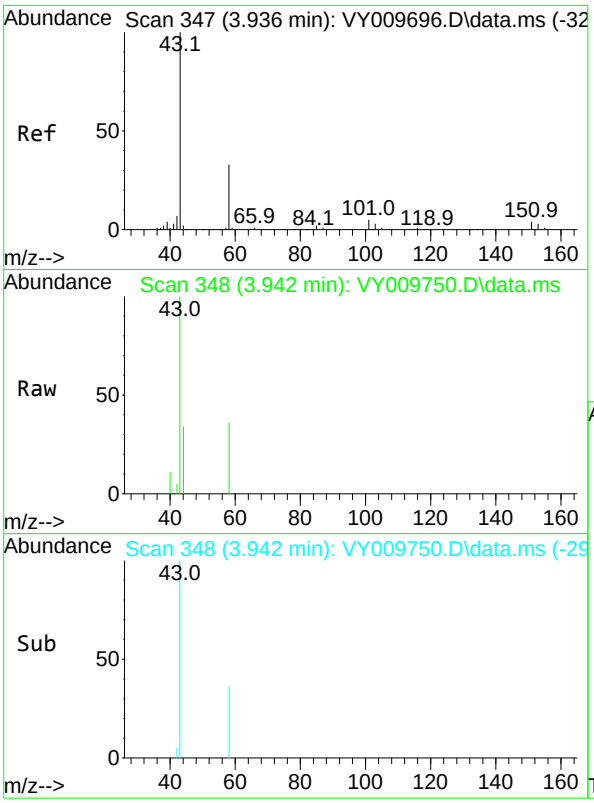


#11
Tert butyl alcohol
Concen: 3.834 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 59 Resp: 613

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



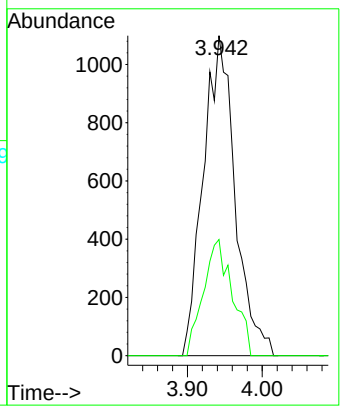


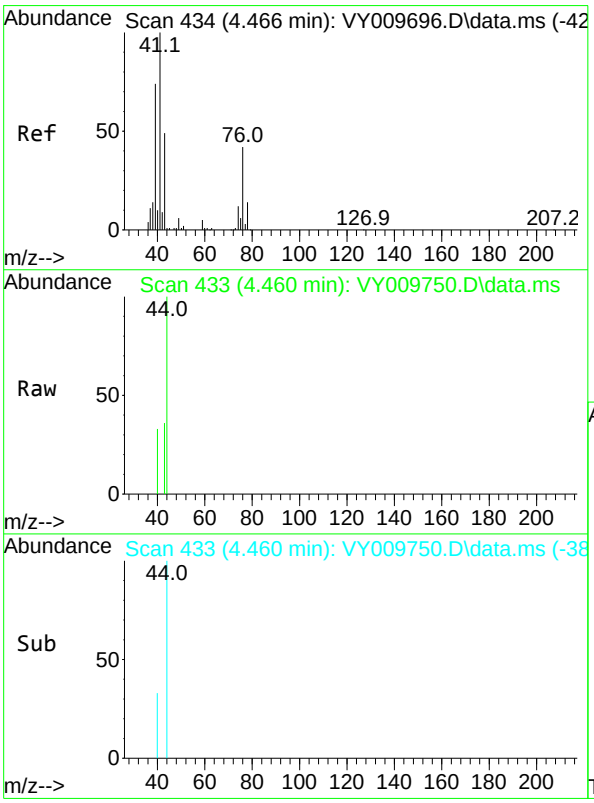
#16
Acetone
Concen: 10.130 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion: 43 Resp: 3255

Ion	Ratio	Lower	Upper
43	100		
58	36.3	22.0	33.0#

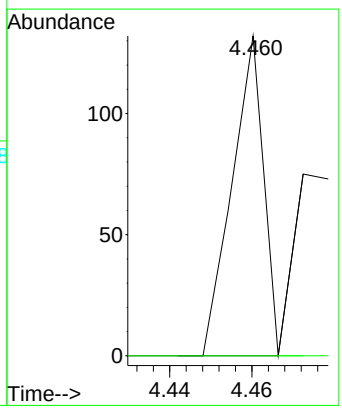


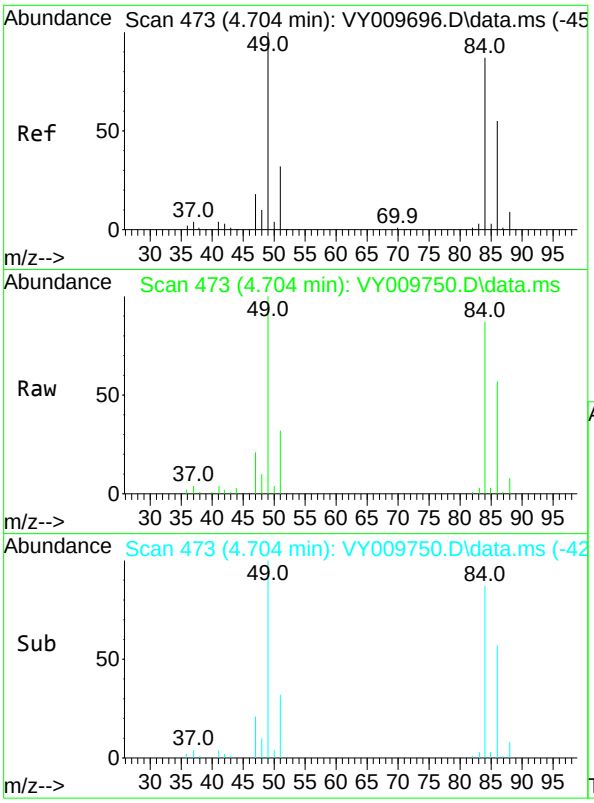


#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 43 Resp: 70

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



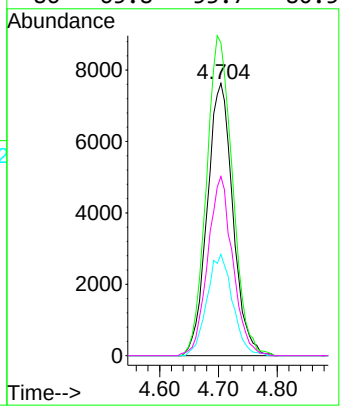


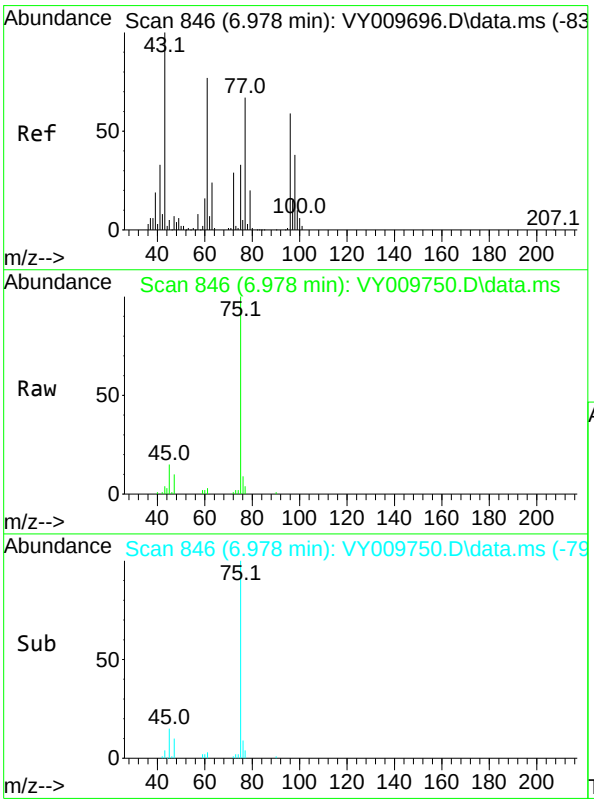
#20
Methylene Chloride
Concen: 6.589 ug/l
RT: 4.704 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion: 84 Resp: 23133

Ion	Ratio	Lower	Upper
84	100		
49	115.0	114.4	171.6
51	37.2	35.3	52.9
86	65.8	53.7	80.5

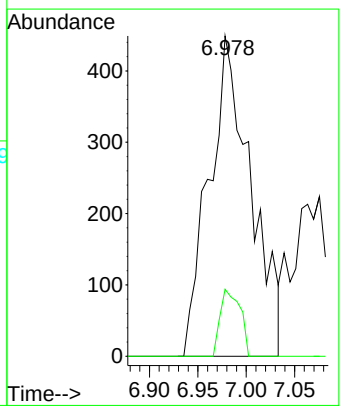


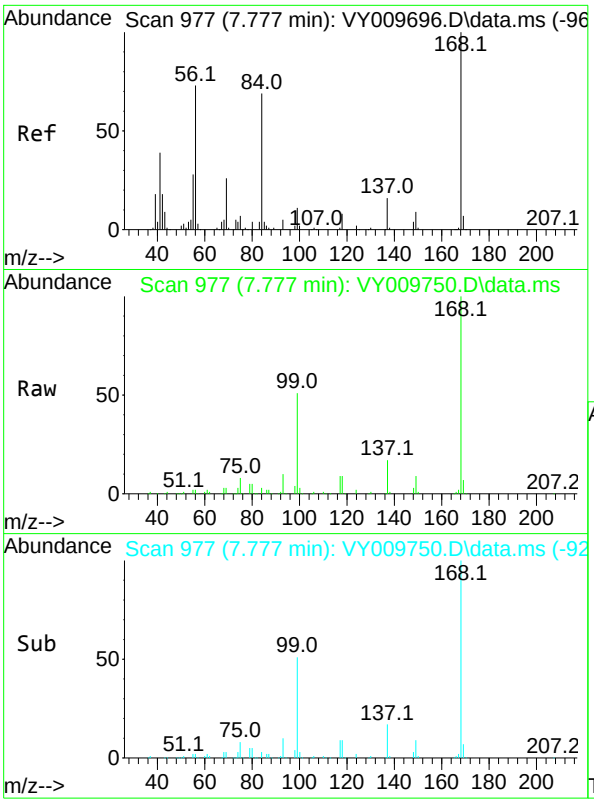


#25
2-Butanone
Concen: 2.848 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
72	20.9	17.7	26.5



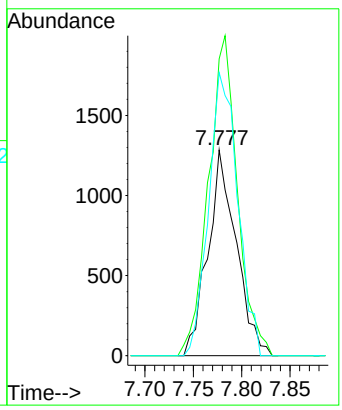


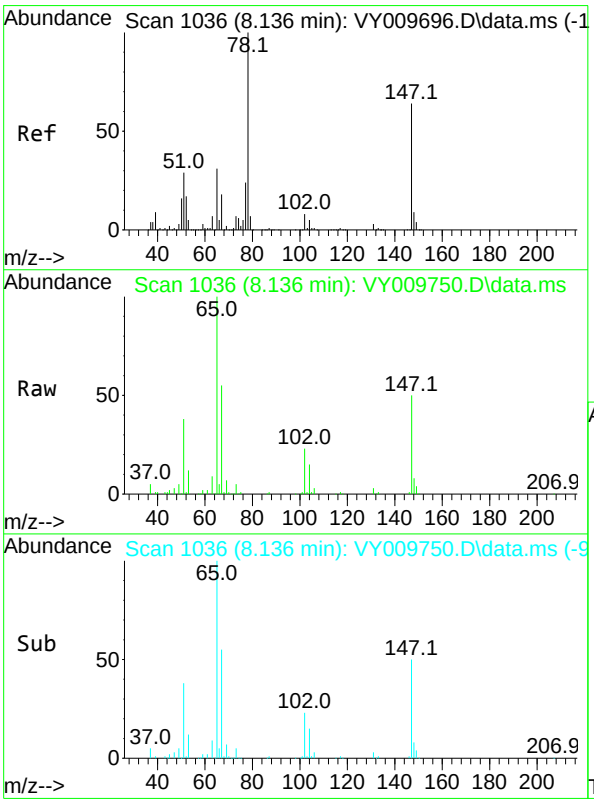
#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion: 56 Resp: 2611

Ion	Ratio	Lower	Upper
56	100		
69	144.2	26.7	40.1#
84	137.5	67.2	100.8#

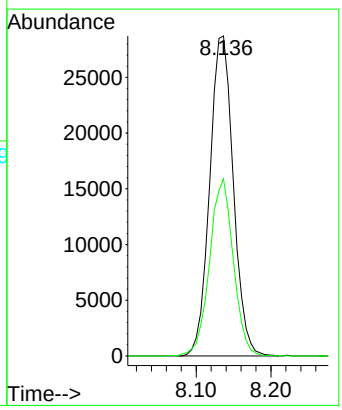


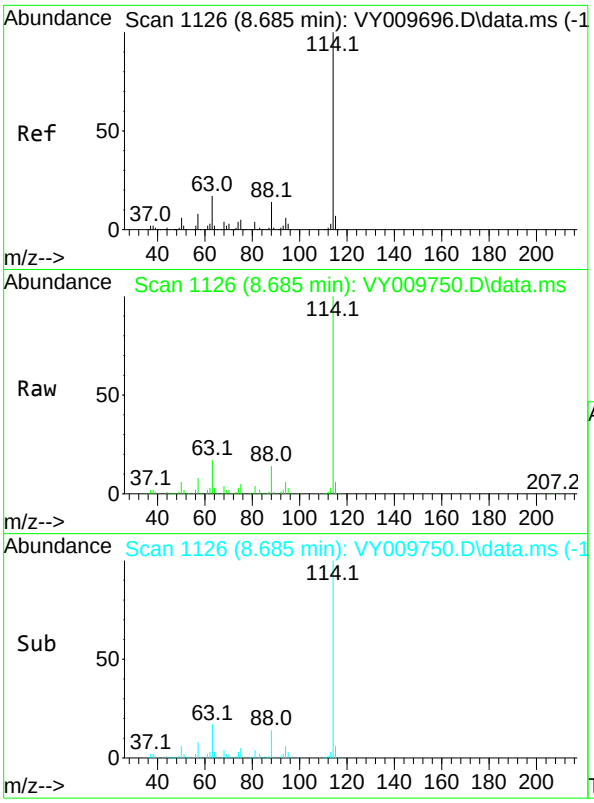


#33
1,2-Dichloroethane-d4
Concen: 72.819 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 65 Resp: 63033

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	99.4



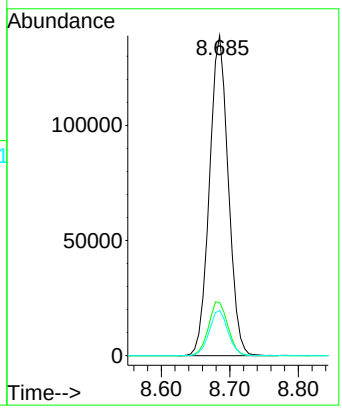


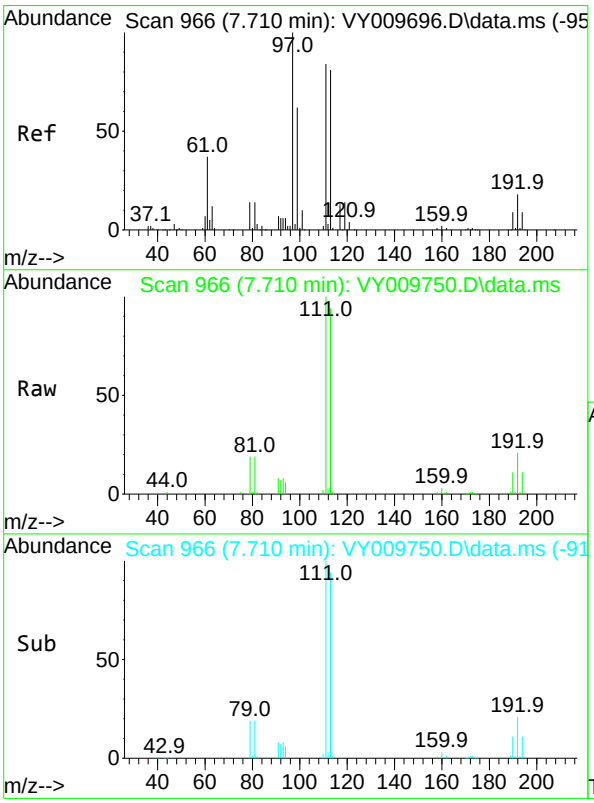
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion:114 Resp: 265161

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	43.2
88	14.1	0.0	31.8

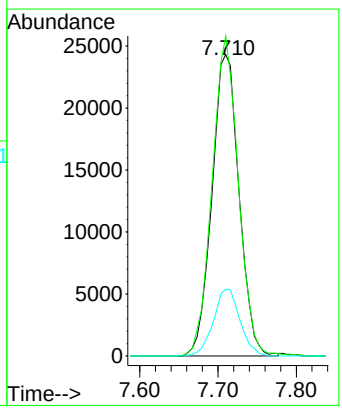


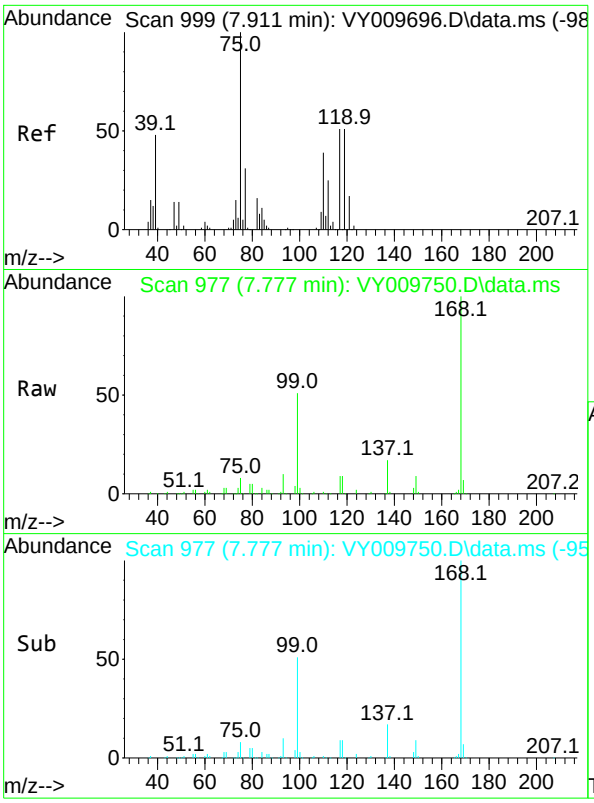


#35
Dibromofluoromethane
Concen: 40.507 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion:113 Resp: 58417

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	21.8	17.6	26.4



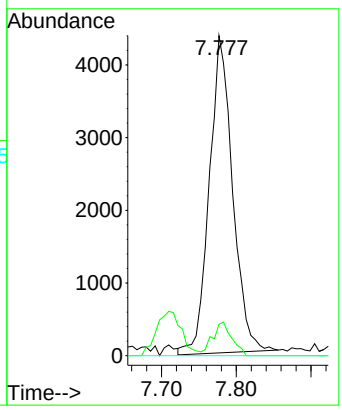


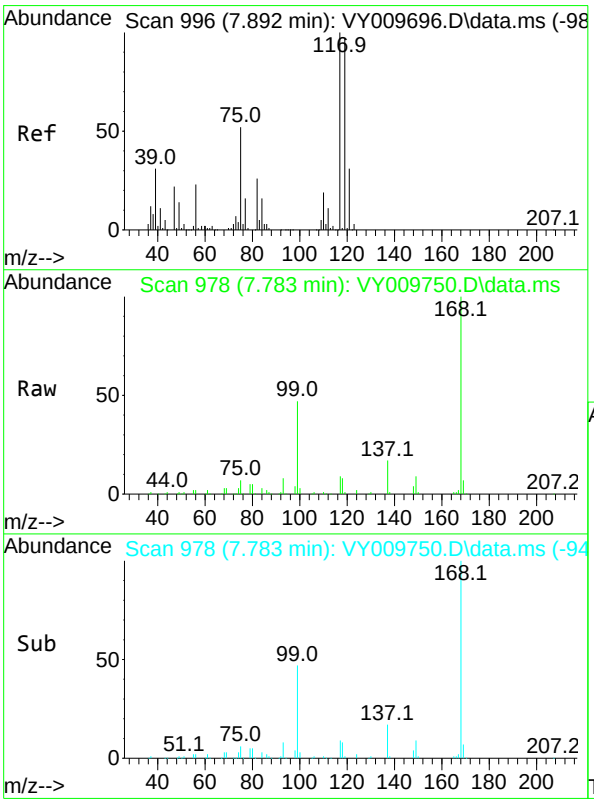
#36
1,1-Dichloropropene
Concen: 4.035 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion: 75 Resp: 9468

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.4	36.6#

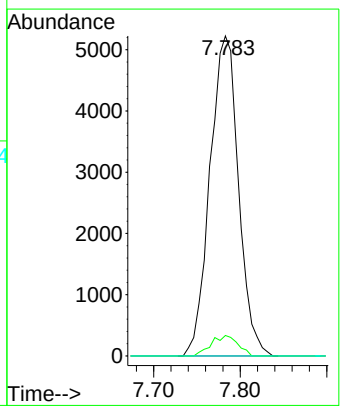


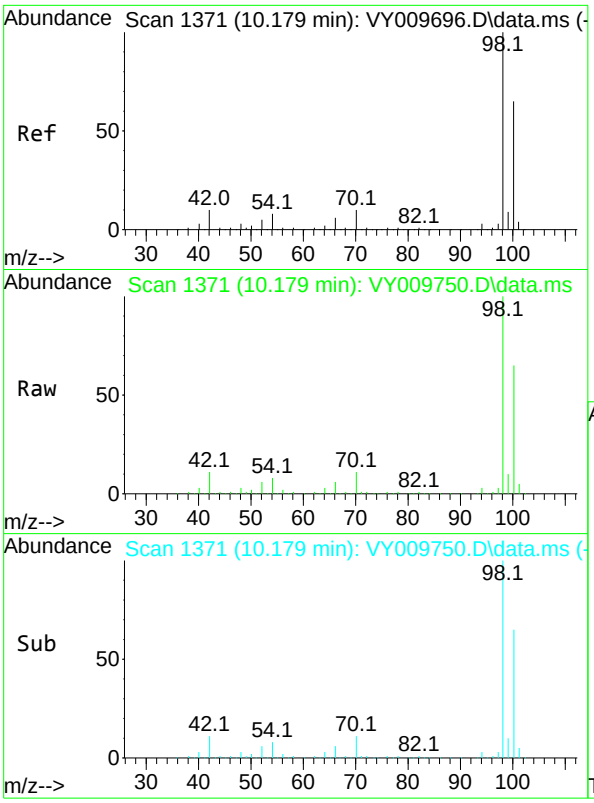


#38
Carbon Tetrachloride
Concen: 4.756 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion:117 Resp: 11958

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.9	116.9#
121	0.0	24.8	37.2#



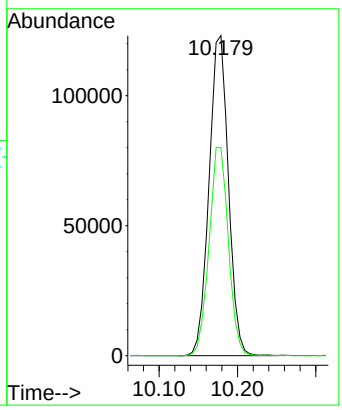


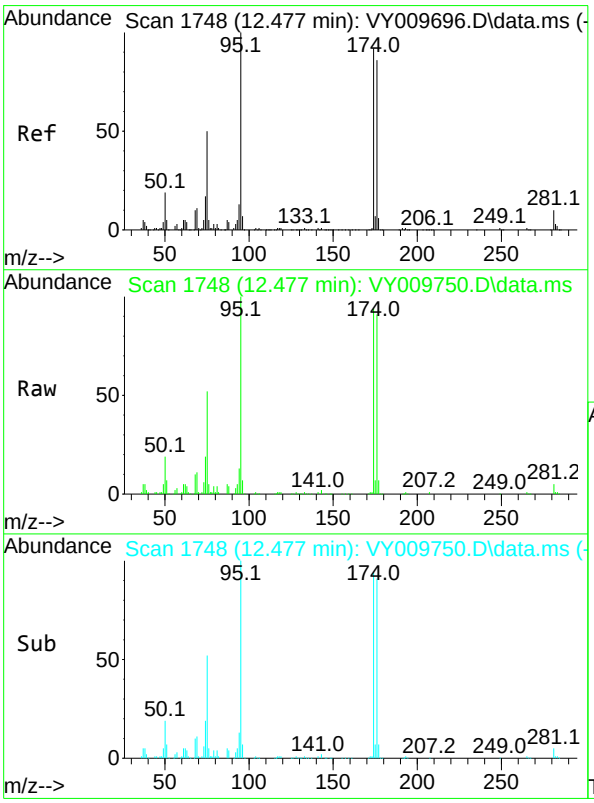
#50
Toluene-d8
Concen: 50.336 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion: 98 Resp: 211294

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.2	75.2

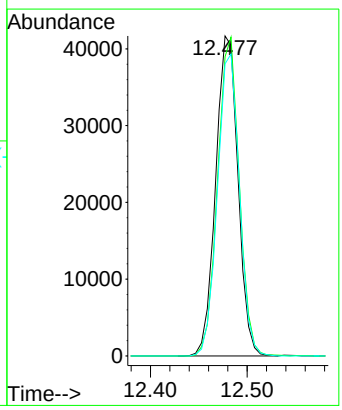


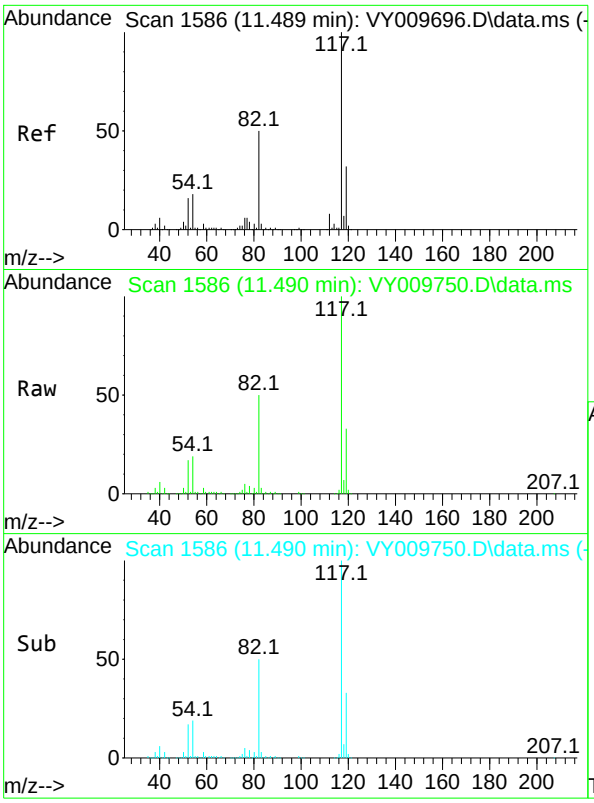


#62
4-Bromofluorobenzene
Concen: 34.768 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 95 Resp: 66486

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	177.0
176	93.1	0.0	175.8



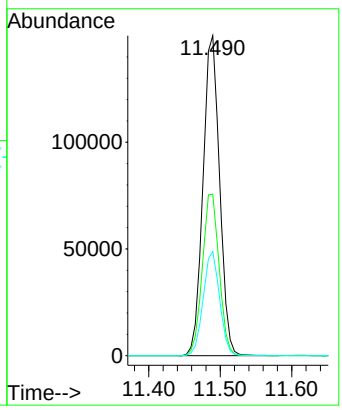


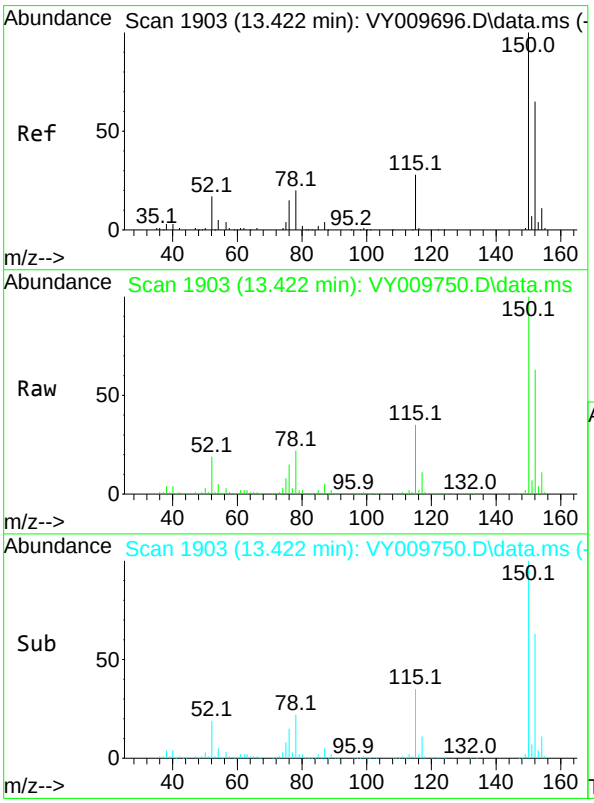
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

Tgt Ion:117 Resp: 241869

Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.0	64.4
119	32.5	25.4	38.0

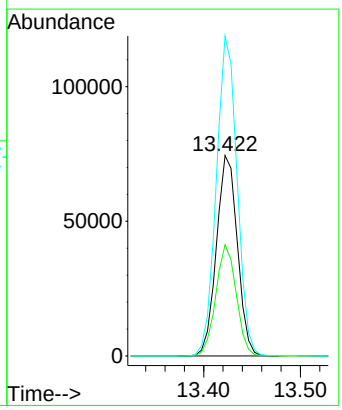


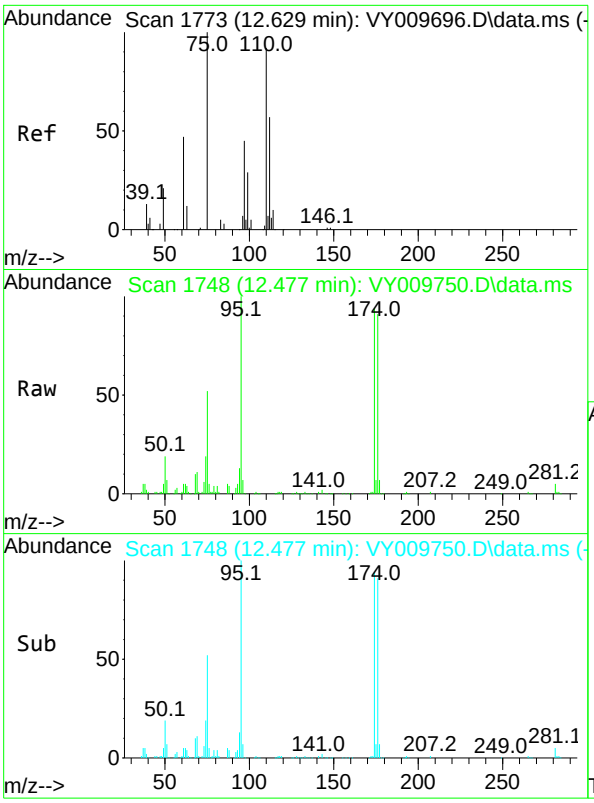


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion:152 Resp: 111939

Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.7
150	158.2	0.0	347.6



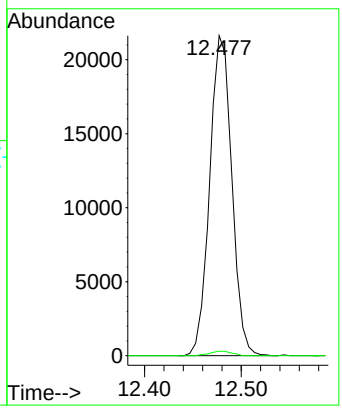


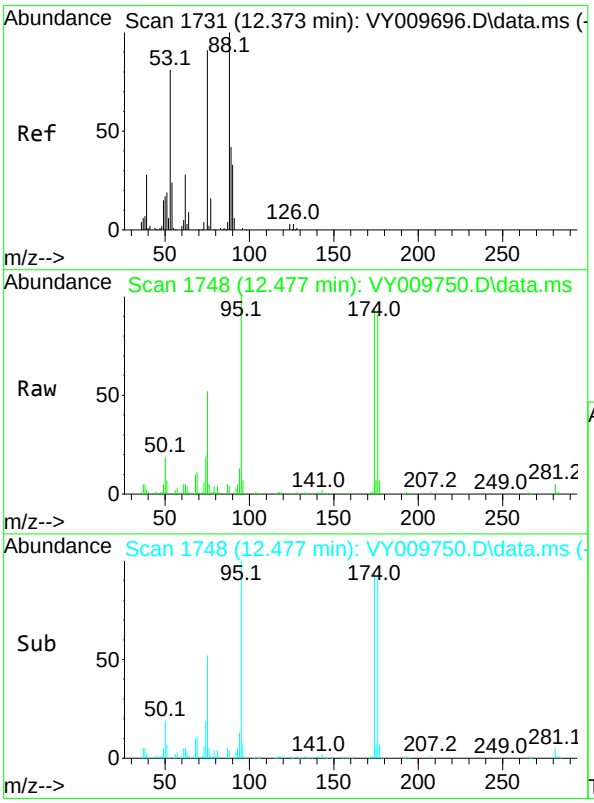
#76
1,2,3-Trichloropropane
Concen: 33.049 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-072722-A

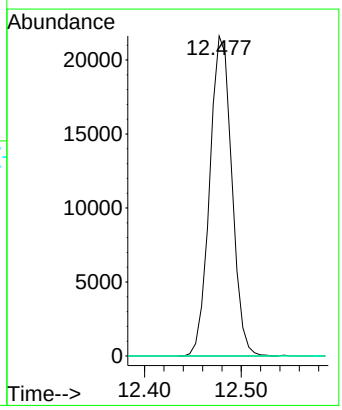
Tgt Ion: 75 Resp: 34363

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009750.D
Acq: 28 Jul 2022 14:51

Tgt Ion: 75 Resp: 34363

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