Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
Data File : VY010897.D
Acq On : 10 Oct 2022 17:49
Operator : KP/MD
Sample : N5018-02
Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 11 09:45:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	8055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4907	60.100	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.200%			
35) Dibromofluoromethane	7.716	113	2579	31.492	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 62.980%			
50) Toluene-d8	10.179	98	14292	51.031	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.483	95	3647	32.007	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 64.020%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	300	3.232	ug/l	98
5) Bromomethane	2.668	94	351	4.426	ug/l	94
10) Methyl Iodide	4.101	142	773	7.410	ug/l #	87
16) Acetone	3.942	43	184	8.873	ug/l #	47
18) Methyl Acetate	4.192	43	115	2.171	ug/l #	56
20) Methylene Chloride	4.710	84	1111	7.823	ug/l #	84
25) 2-Butanone	6.978	43	117	3.925	ug/l #	54
36) 1,1-Dichloropropene	7.777	75	620	5.244	ug/l #	42
38) Carbon Tetrachloride	7.789	117	818	6.643	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1809	61.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1809	128.142	ug/l #	7

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

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ClientSampleId :

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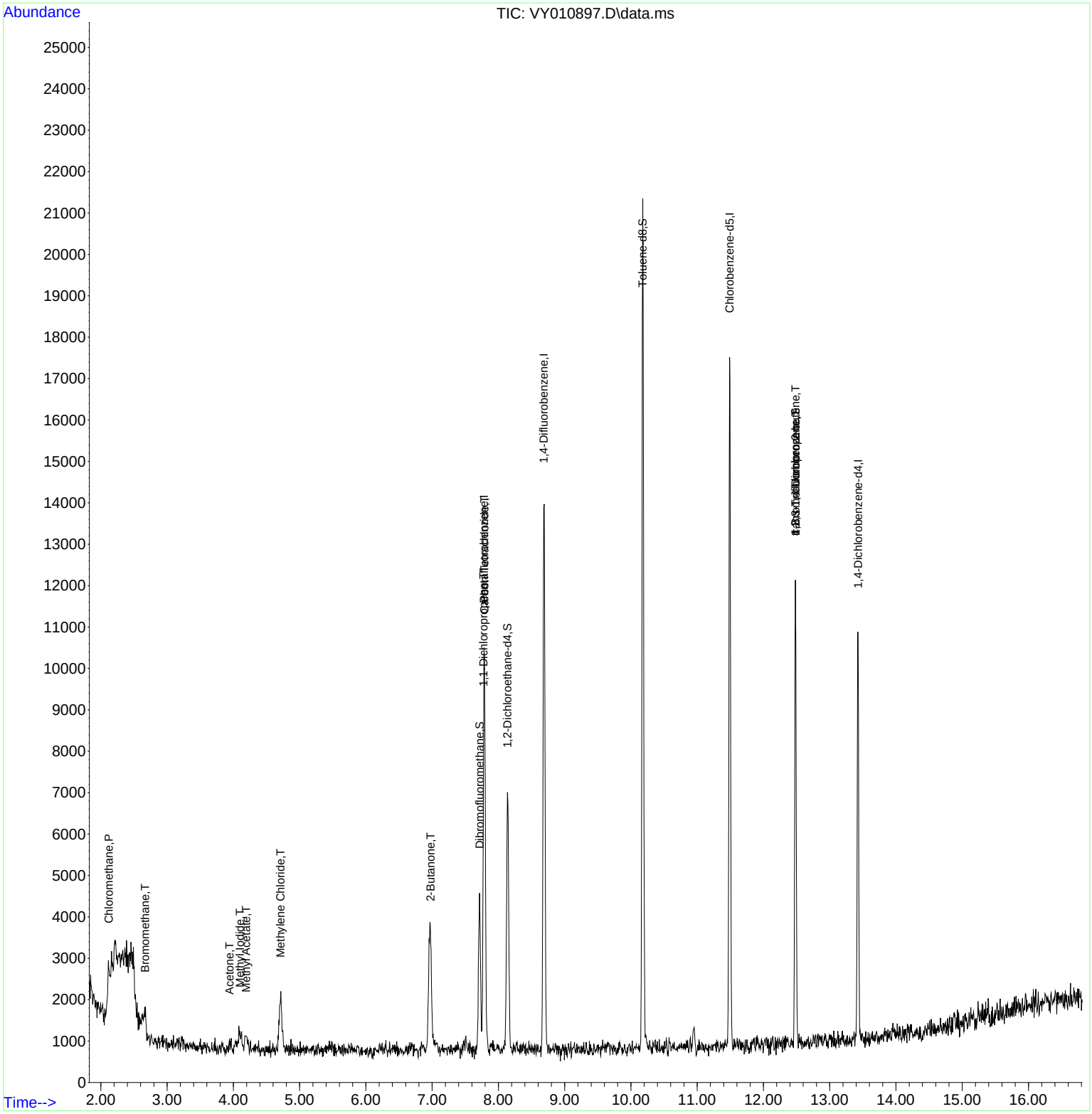
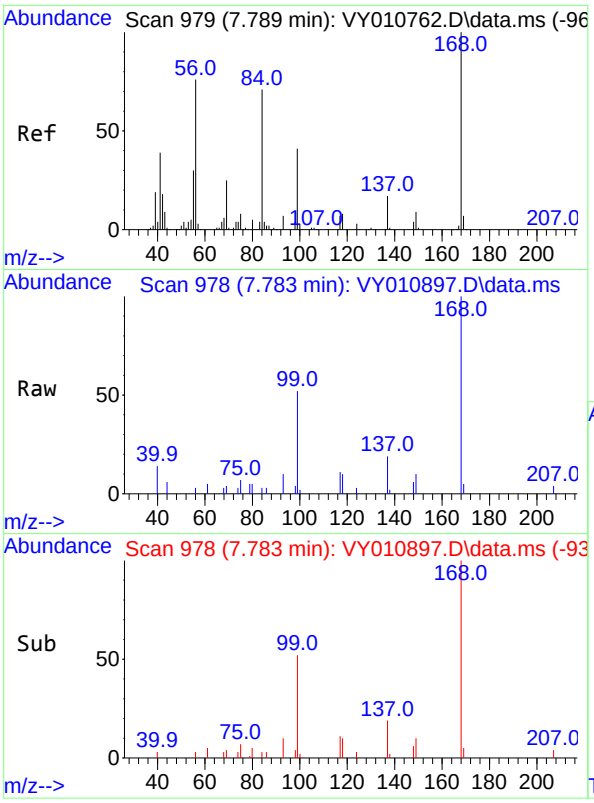


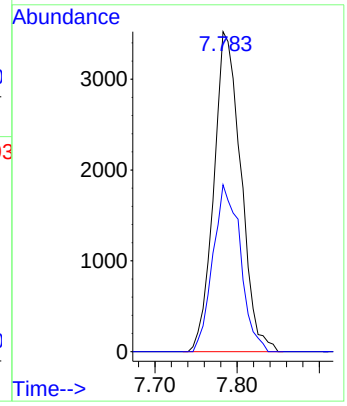


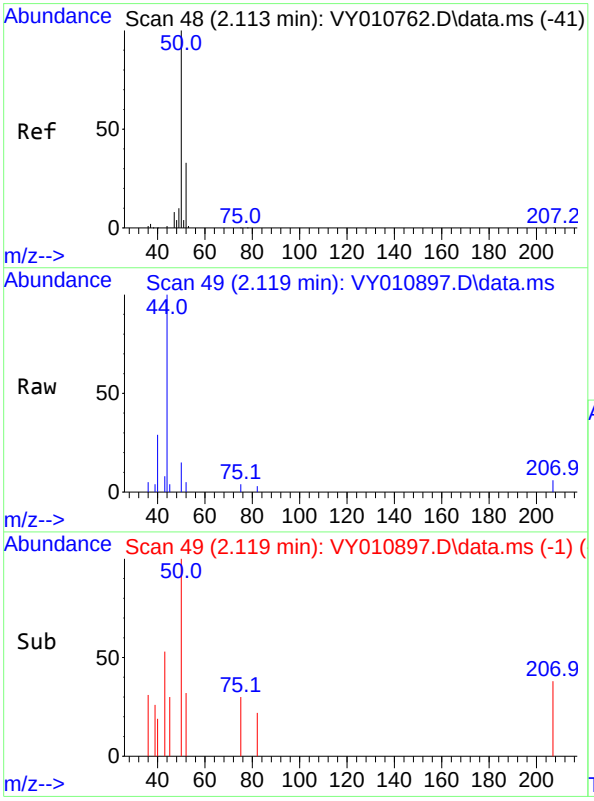
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 8055

Ion	Ratio	Lower	Upper
168	100		
99	52.1	46.9	70.3

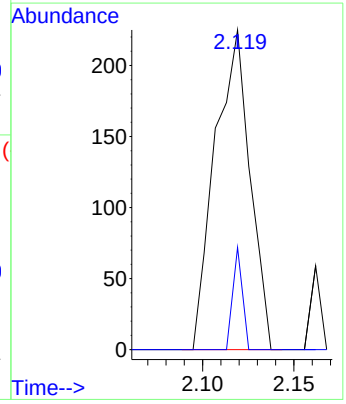


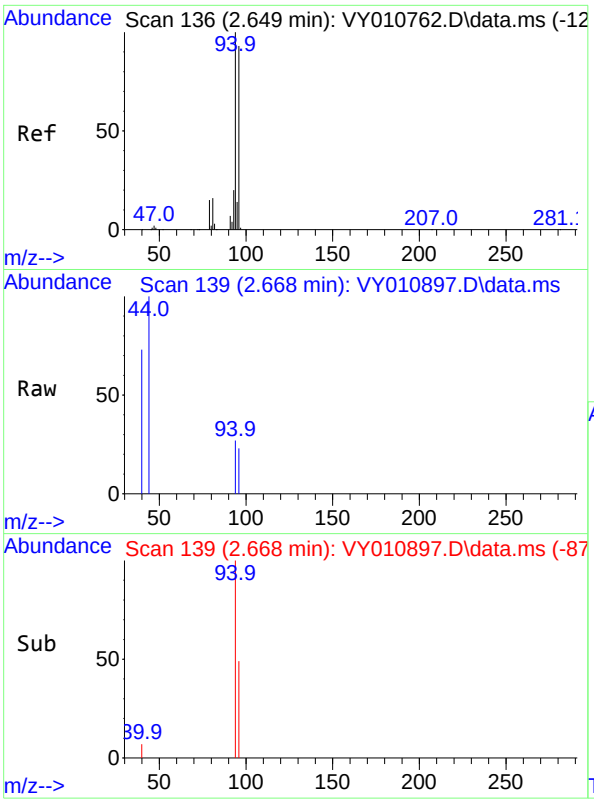


#3
Chloromethane
Concen: 3.232 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 50 Resp: 300

Ion	Ratio	Lower	Upper
50	100		
52	32.0	24.6	37.0



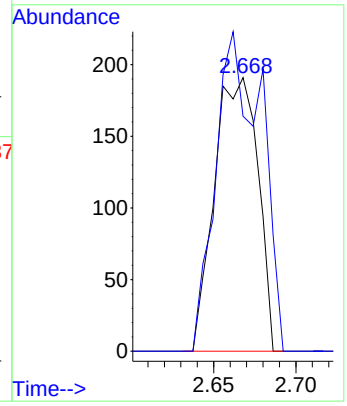


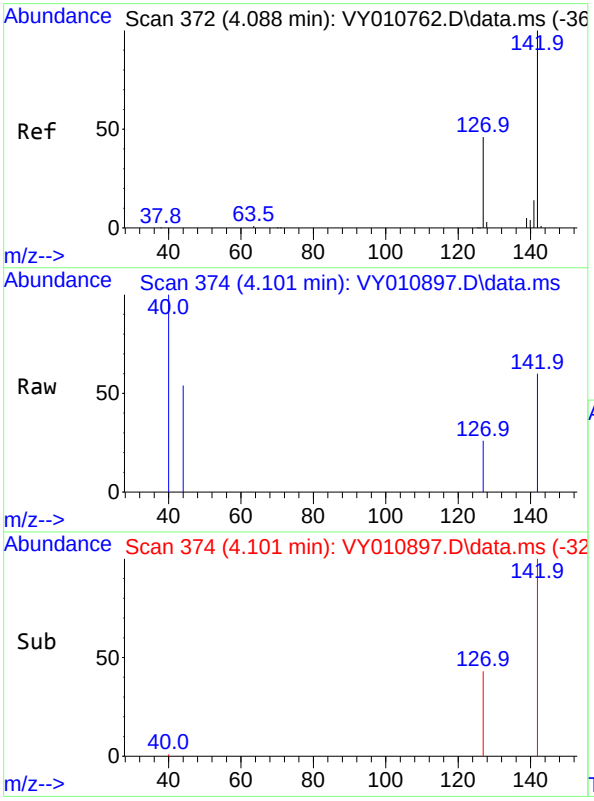
#5
Bromomethane
Concen: 4.426 ug/l
RT: 2.668 min Scan# 1
Delta R.T. 0.019 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 351

Ion	Ratio	Lower	Upper
94	100		
96	85.9	73.5	110.3

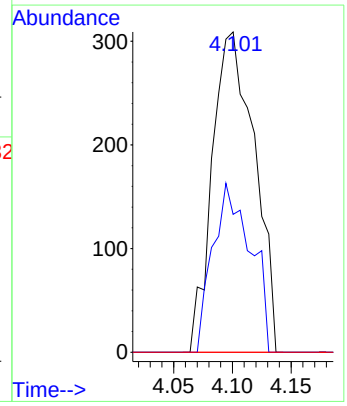


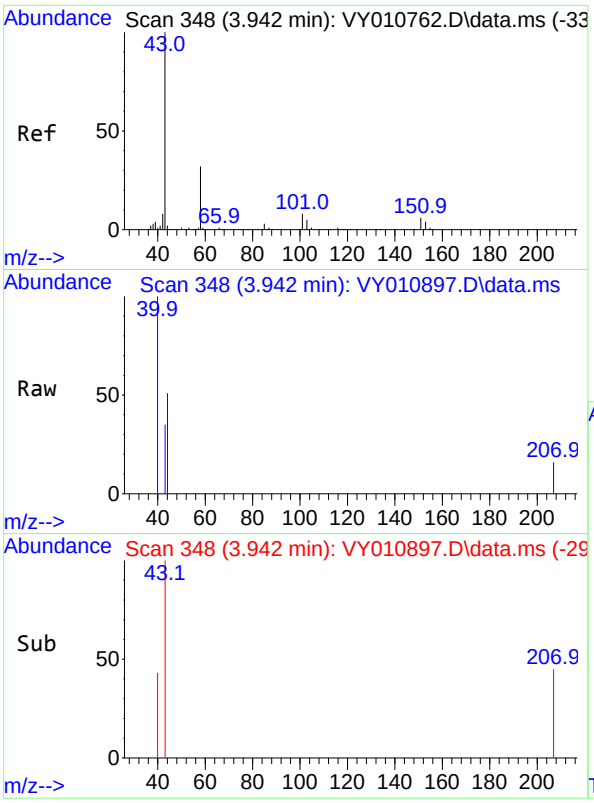


#10
Methyl Iodide
Concen: 7.410 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion:142 Resp: 773

Ion	Ratio	Lower	Upper
142	100		
127	47.2	41.5	62.3
141	0.0	11.9	17.9#



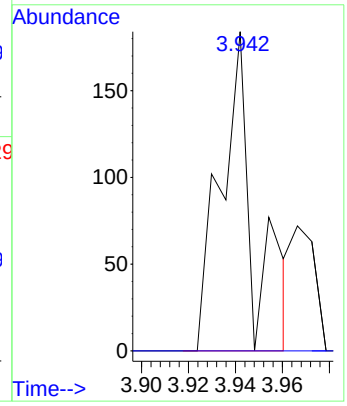


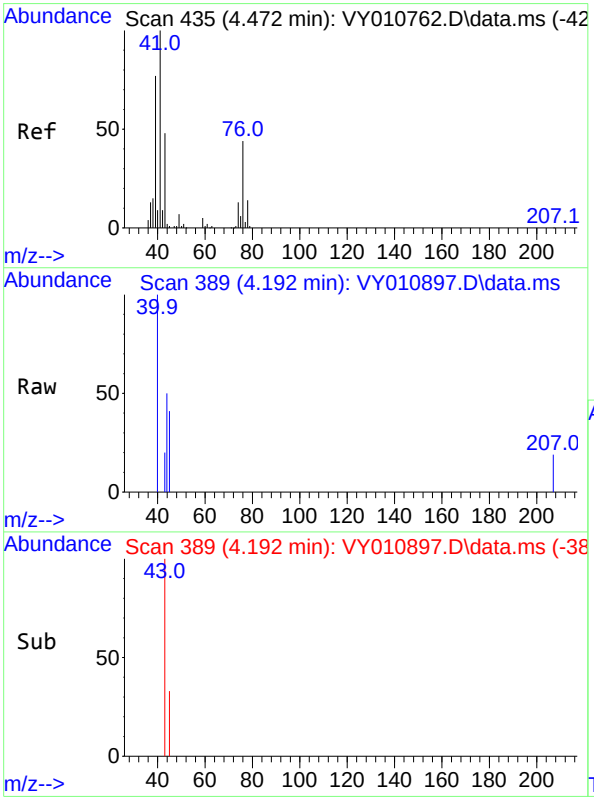
#16
Acetone
Concen: 8.873 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#

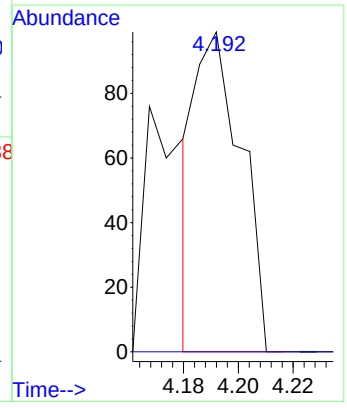


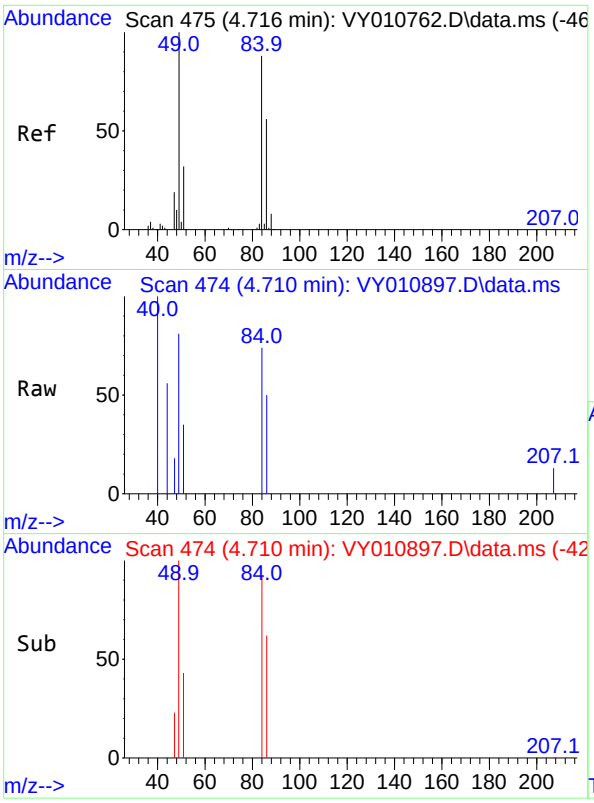


#18
Methyl Acetate
Concen: 2.171 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.280 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 43 Resp: 115

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



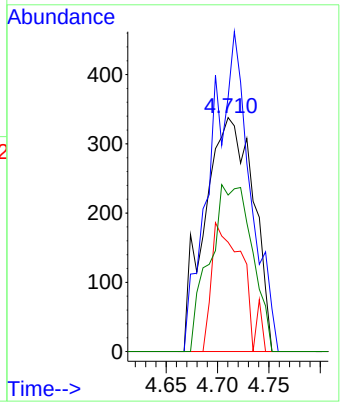


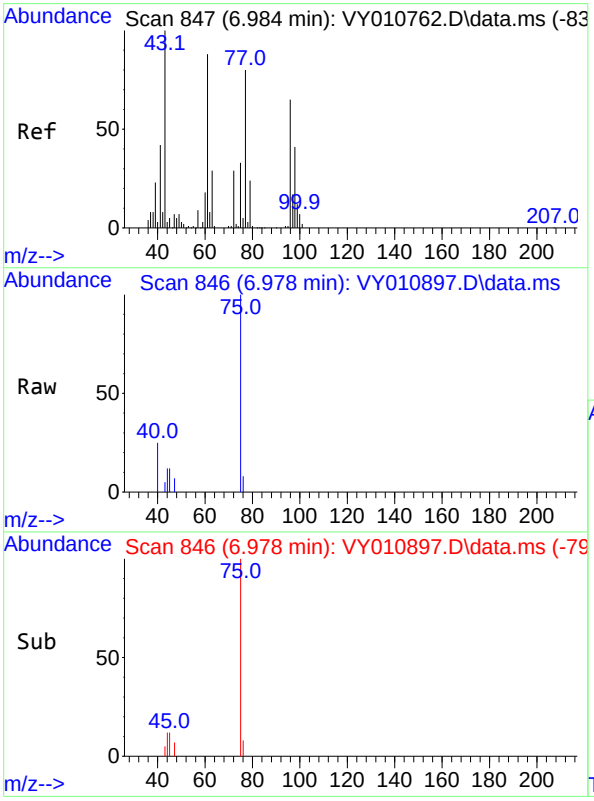
#20
Methylene Chloride
Concen: 7.823 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 1111

Ion	Ratio	Lower	Upper
84	100		
49	108.6	114.4	171.6#
51	46.7	35.3	52.9
86	66.9	53.7	80.5

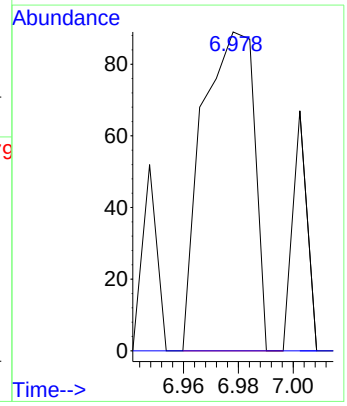


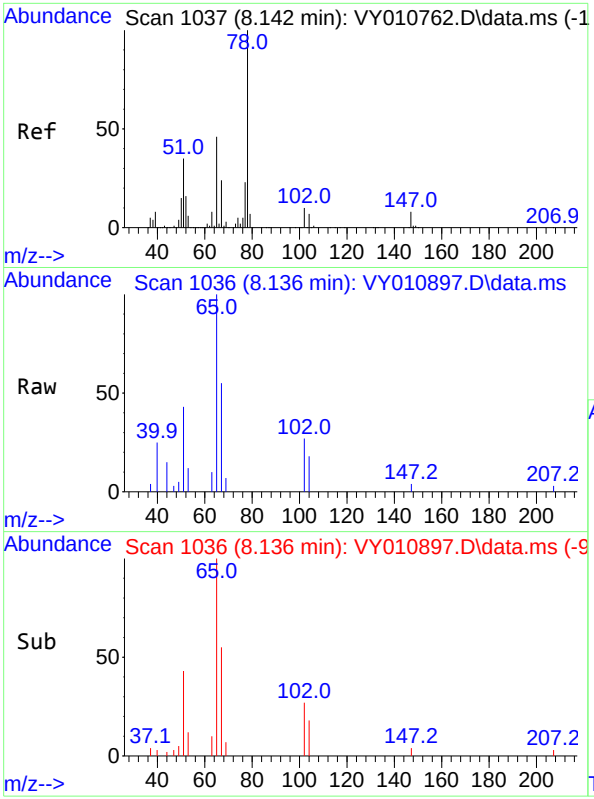


#25
2-Butanone
Concen: 3.925 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 43 Resp: 117

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



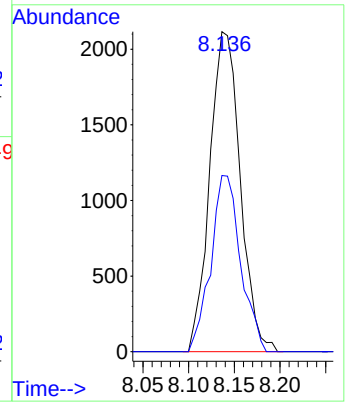


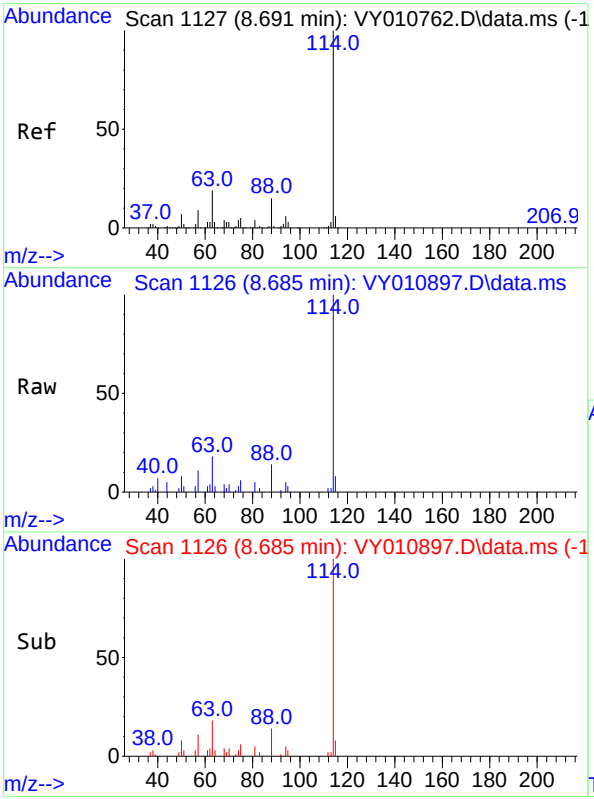
#33
1,2-Dichloroethane-d4
Concen: 60.100 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 4907

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	99.4

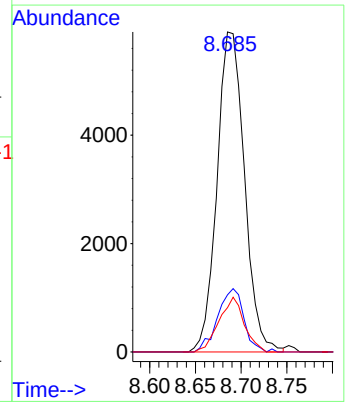


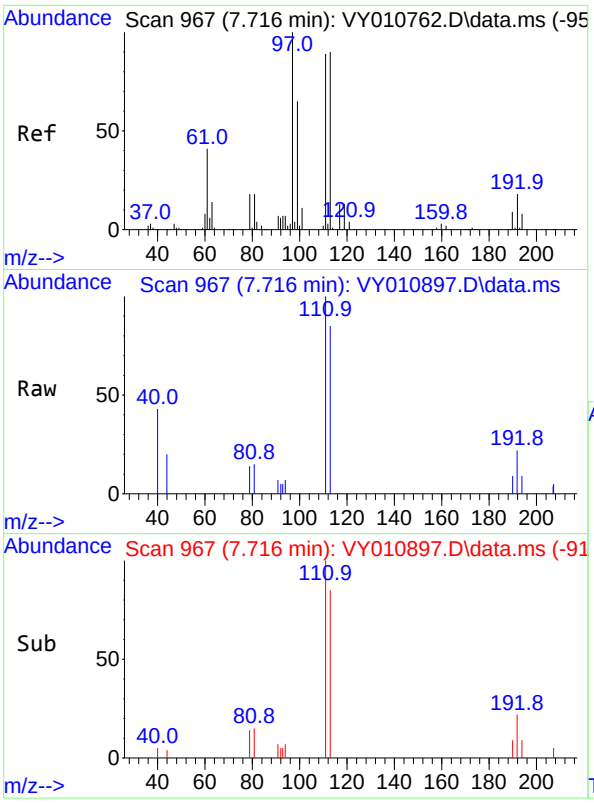


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion:114 Resp: 12337

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	13.9	0.0	31.8



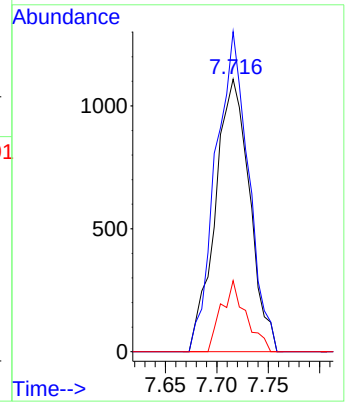


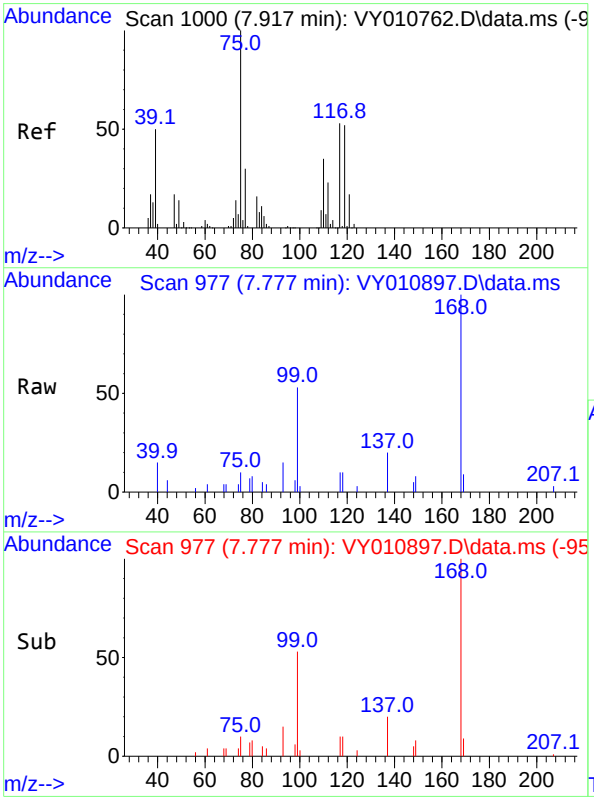
#35
Dibromofluoromethane
Concen: 31.492 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 2579

Ion	Ratio	Lower	Upper
113	100		
111	111.9	82.6	124.0
192	18.7	17.6	26.4

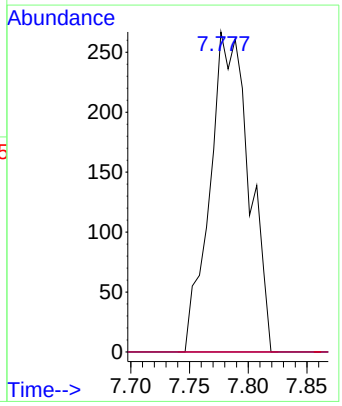


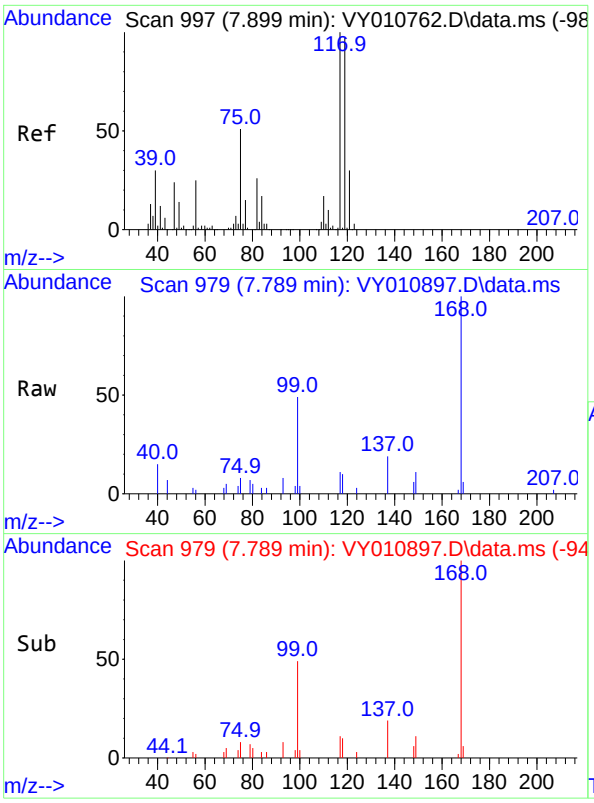


#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 75 Resp: 620

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



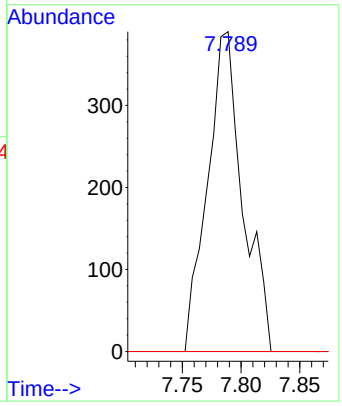


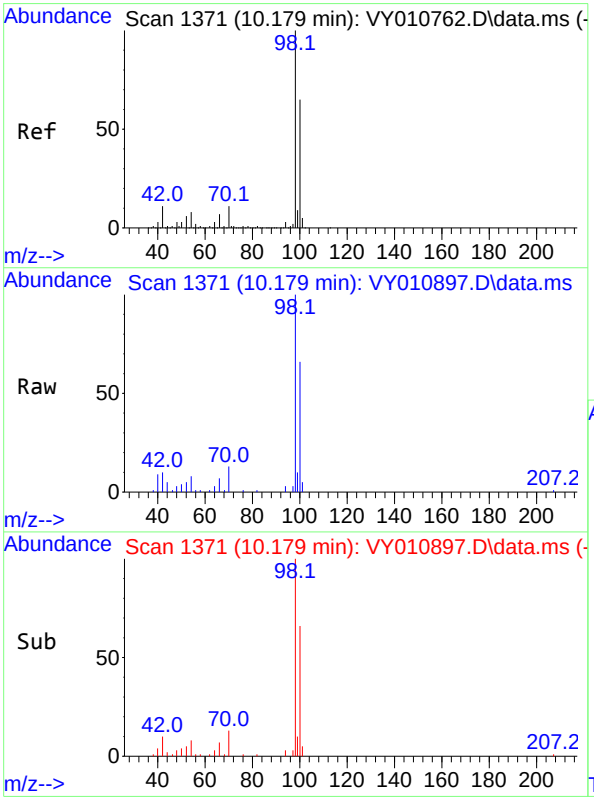
#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 818

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

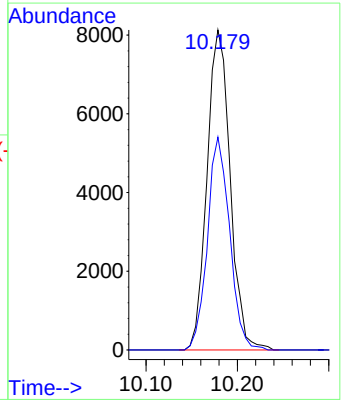


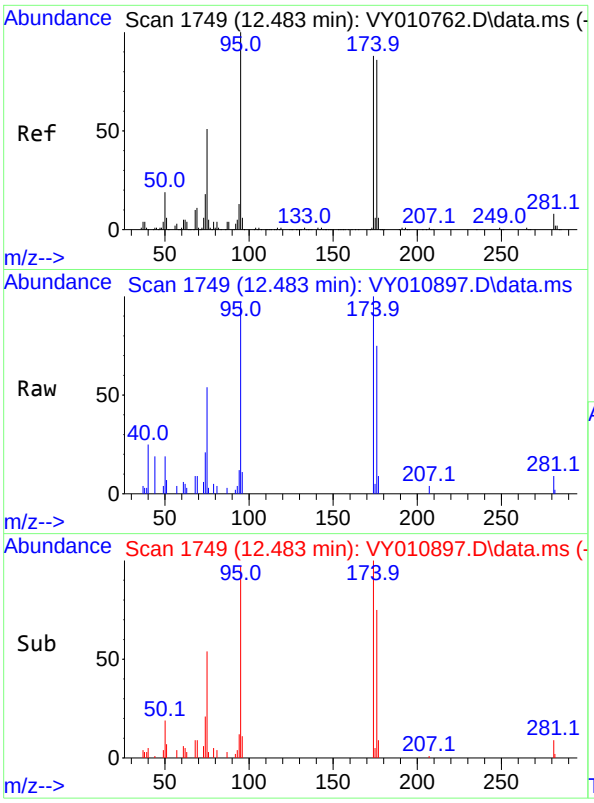


#50
Toluene-d8
Concen: 51.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 98 Resp: 14292

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.2	75.2



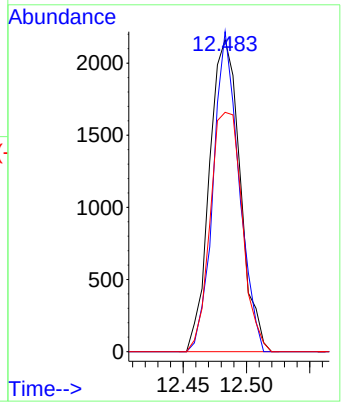


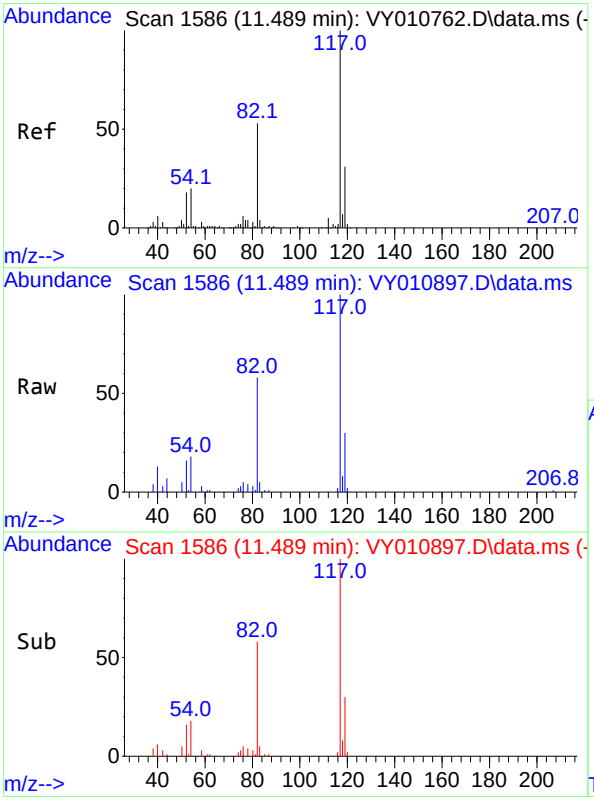
#62
4-Bromofluorobenzene
Concen: 32.007 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 3647

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	177.0
176	79.5	0.0	175.8

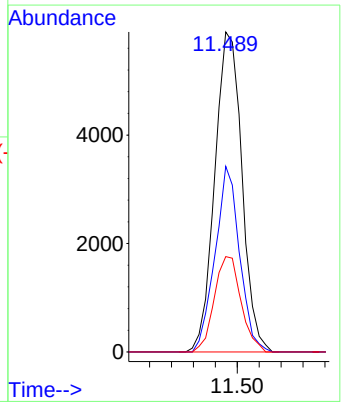


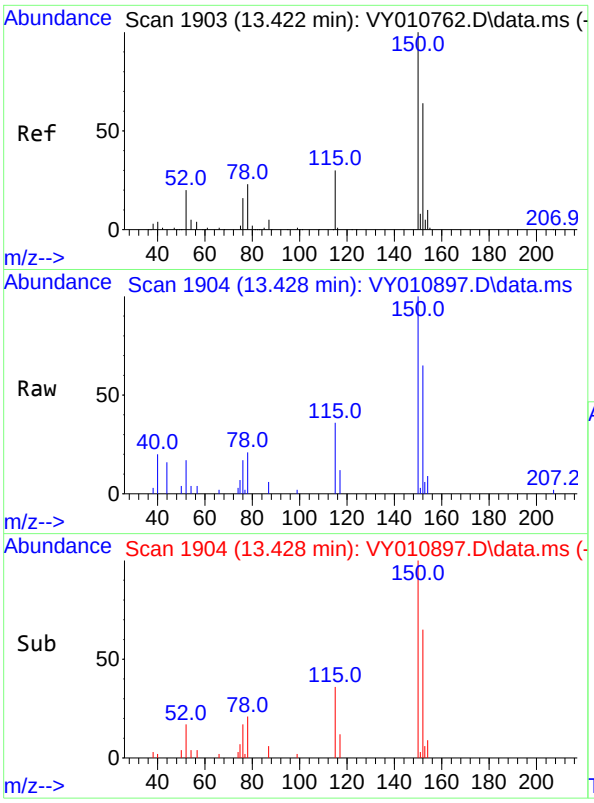


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion:117 Resp: 10140

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.0	64.4
119	29.8	25.4	38.0



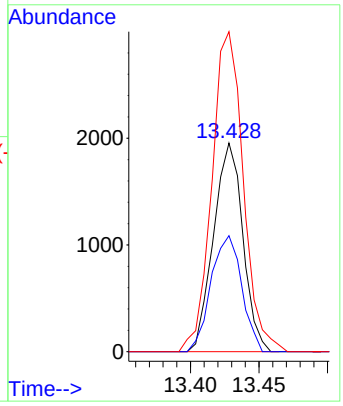


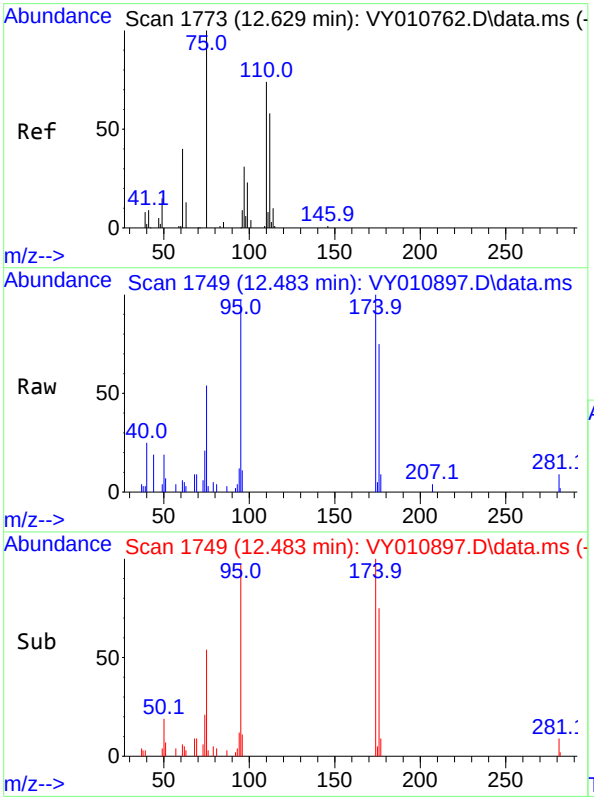
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 2912

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	164.3	0.0	347.6

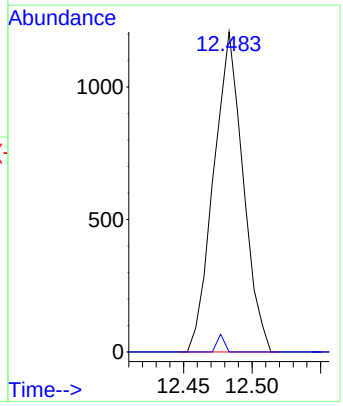


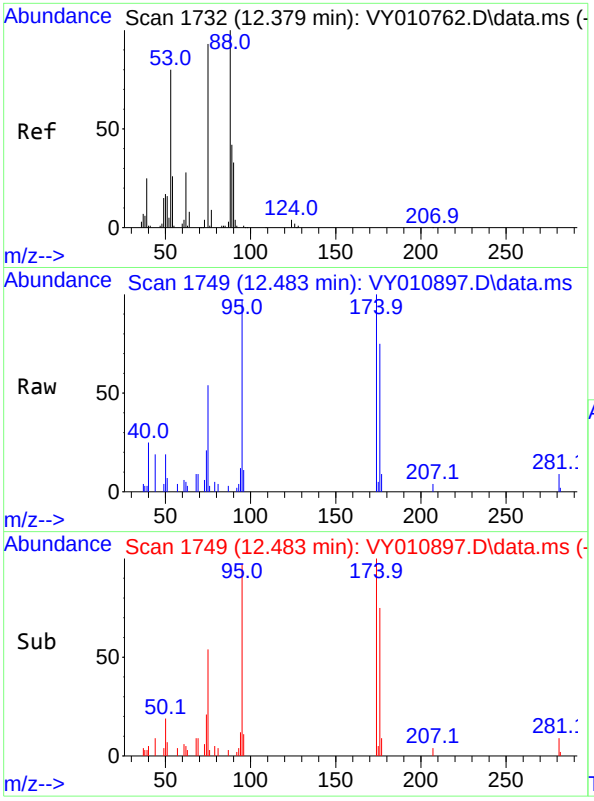


#76
1,2,3-Trichloropropane
Concen: 61.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 75 Resp: 1809

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.142 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1809

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