Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
Data File : VY020181.D
Acq On : 06 Nov 2024 15:06
Operator : SY/MD
Sample : P4667-07
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 07 00:27:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	37608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	68639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	54199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23355	49.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.520%			
35) Dibromofluoromethane	7.634	113	23940	54.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.720%			
50) Toluene-d8	10.109	98	81753	47.063	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.120%			
62) 4-Bromofluorobenzene	12.408	95	19597	34.732	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 69.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.836	59	200	5.924	ug/l #	88
16) Acetone	3.860	43	223	2.043	ug/l #	76
25) 2-Butanone	6.890	43	358	2.420	ug/l #	41
31) Cyclohexane	7.713	56	1356	1.592	ug/l #	51
36) 1,1-Dichloropropene	7.719	75	4525	6.712	ug/l #	46
38) Carbon Tetrachloride	7.701	117	4360	6.432	ug/l #	13
49) 1,4-Dioxane	9.213	88	44	16.754	ug/l #	44
76) 1,2,3-Trichloropropane	12.402	75	12278	88.626	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	12278	190.631	ug/l #	16

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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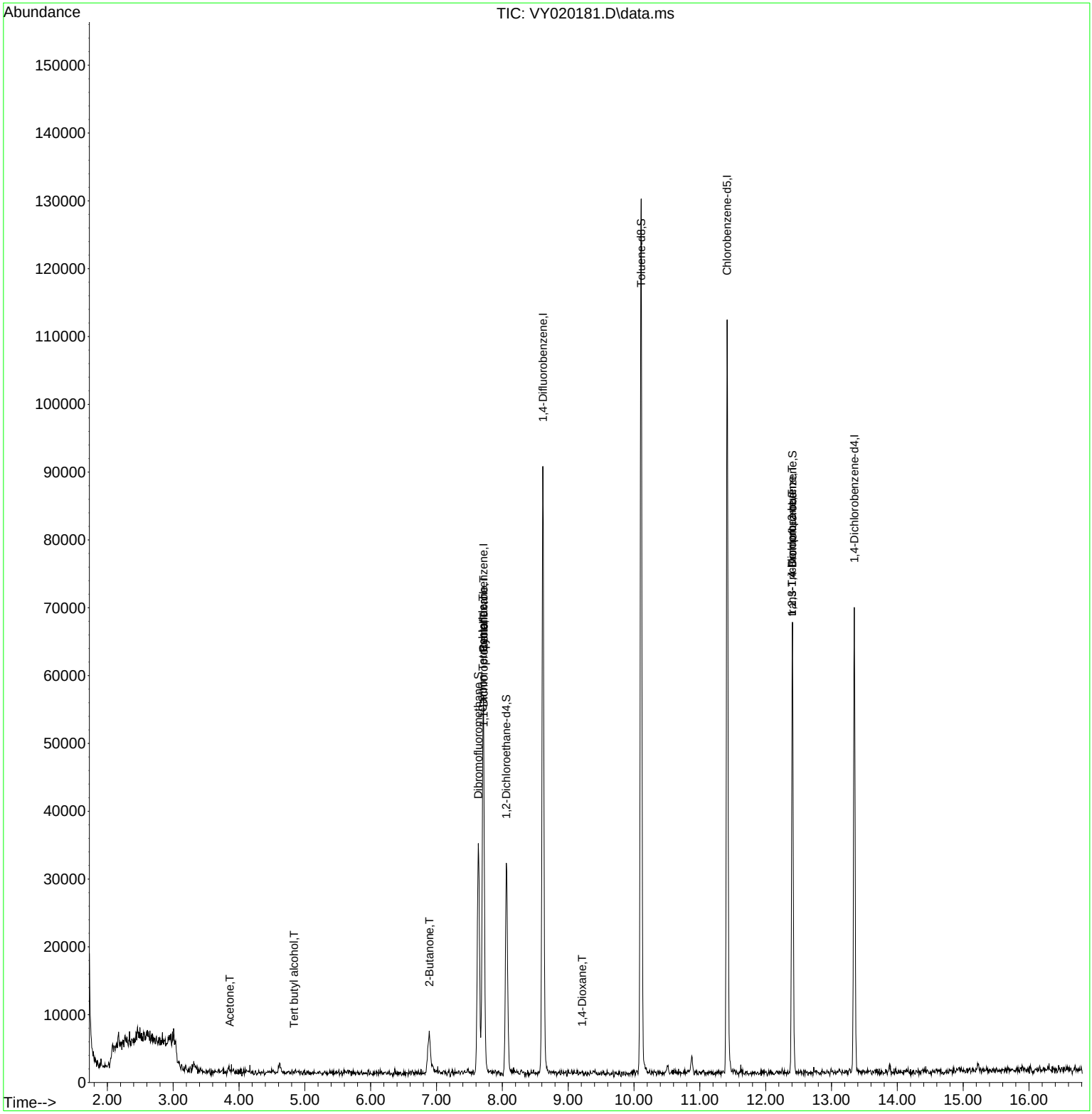
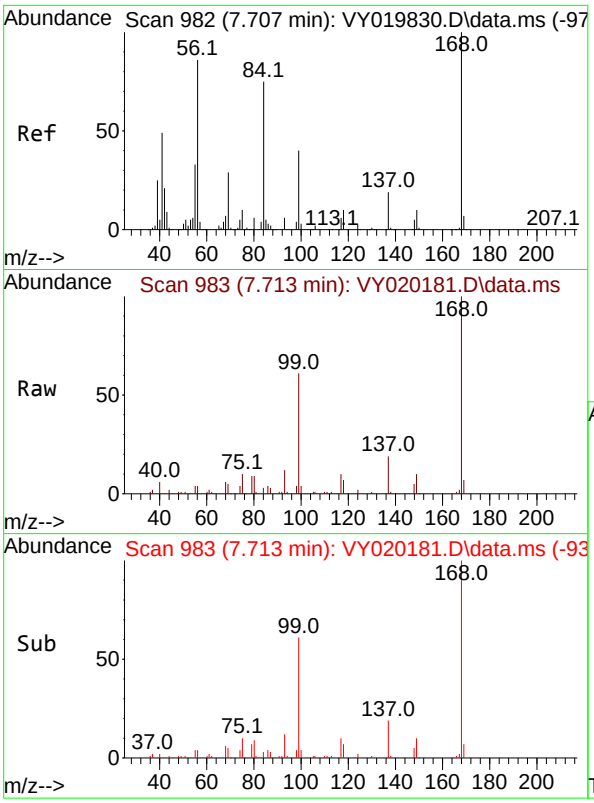
Response via : Initial Calibration



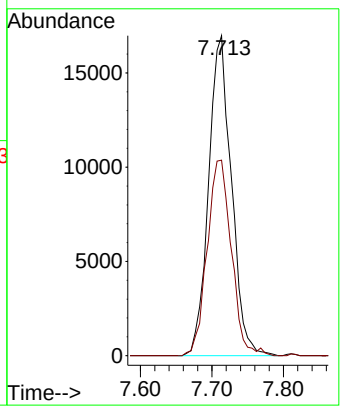


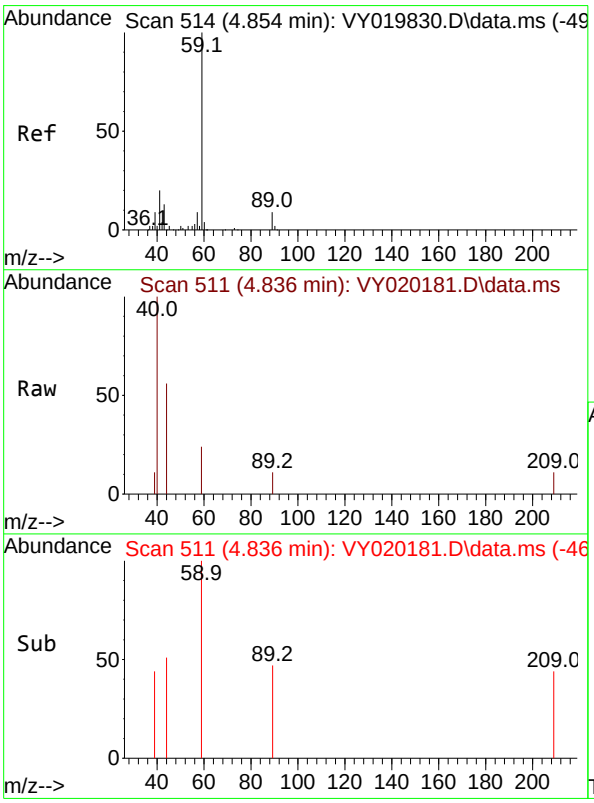
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 37608

Ion	Ratio	Lower	Upper
168	100		
99	61.1	39.1	58.7#

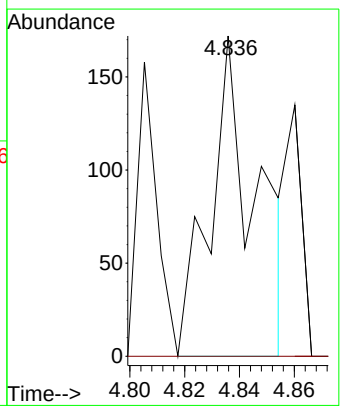


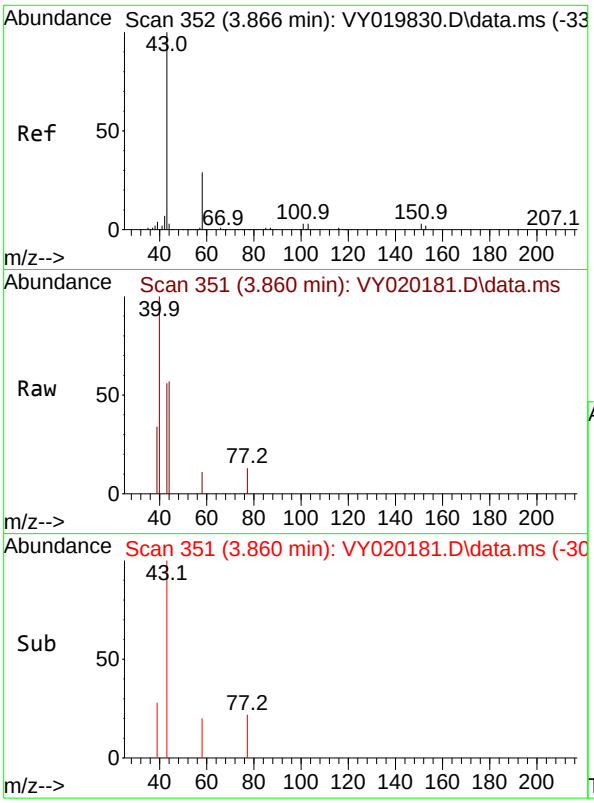


#11
Tert butyl alcohol
Concen: 5.924 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 59 Resp: 200

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.0	4.6#



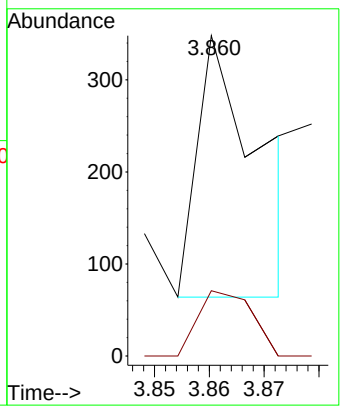


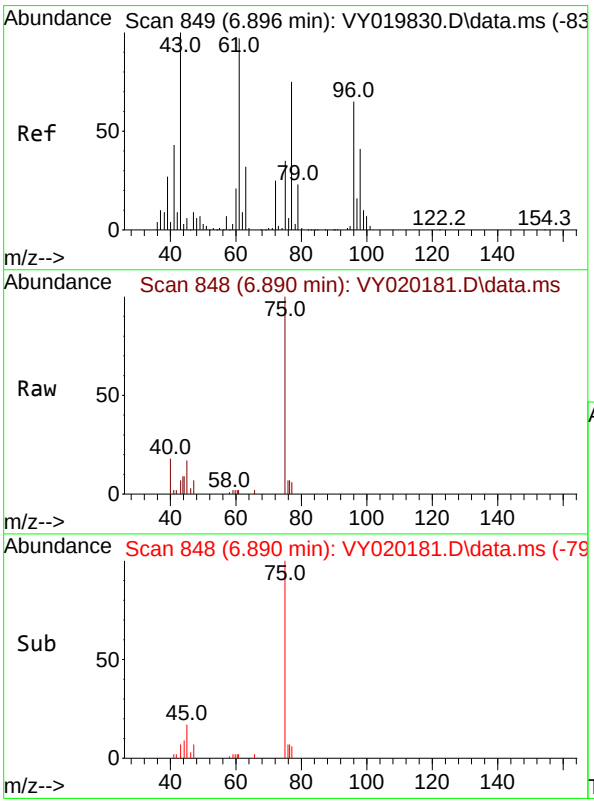
#16
Acetone
Concen: 2.043 ug/l
RT: 3.860 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 223

Ion	Ratio	Lower	Upper
43	100		
58	25.0	31.7	47.5#

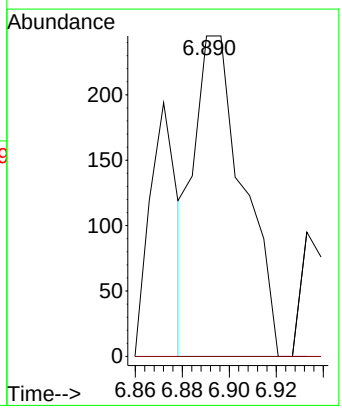


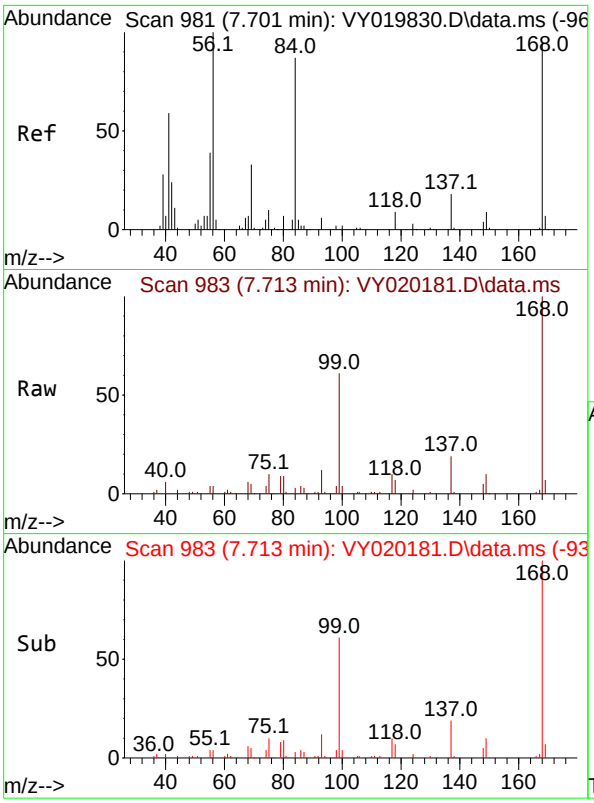


#25
2-Butanone
Concen: 2.420 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 43 Resp: 358

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



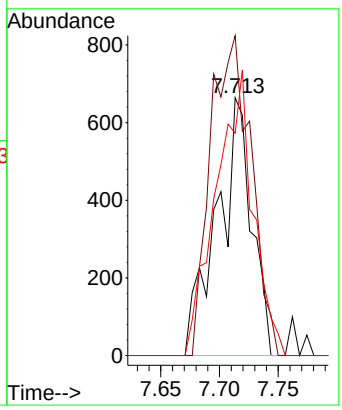


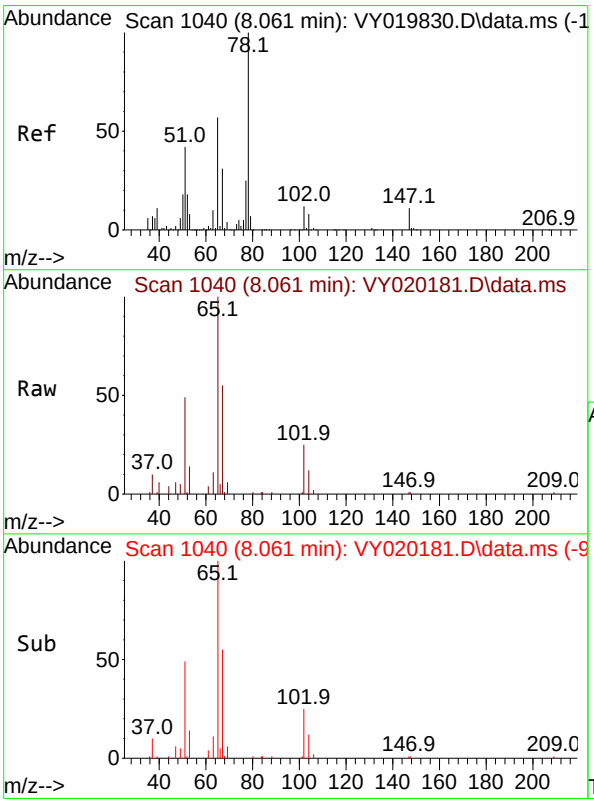
#31
Cyclohexane
Concen: 1.592 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.013 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1356

Ion	Ratio	Lower	Upper
56	100		
69	124.1	28.7	43.1#
84	86.3	77.7	116.5

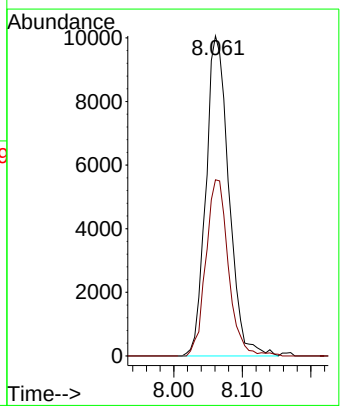


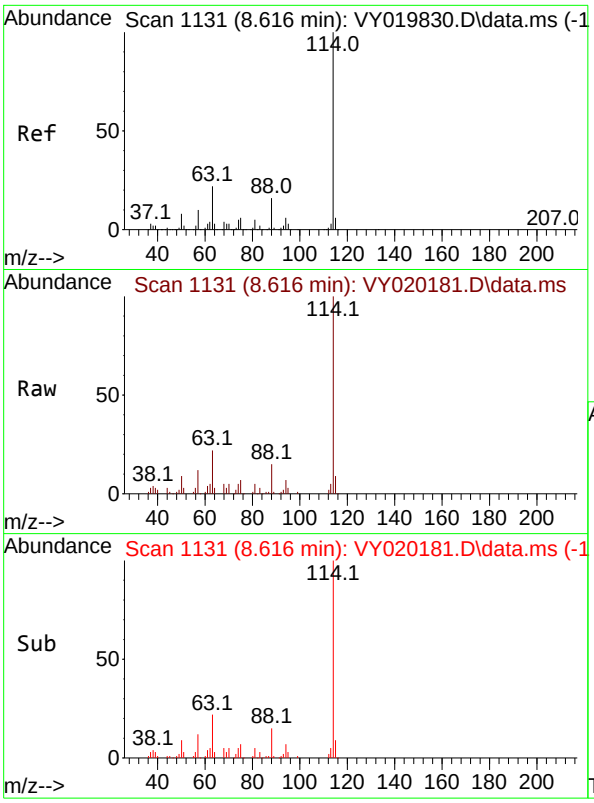


#33
1,2-Dichloroethane-d4
Concen: 49.758 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 65 Resp: 23355

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.6



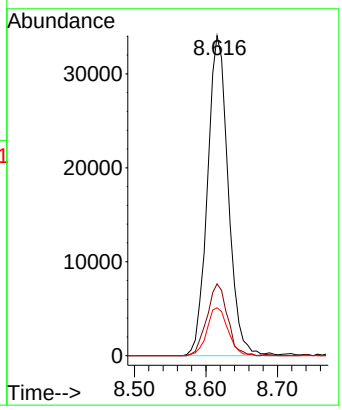


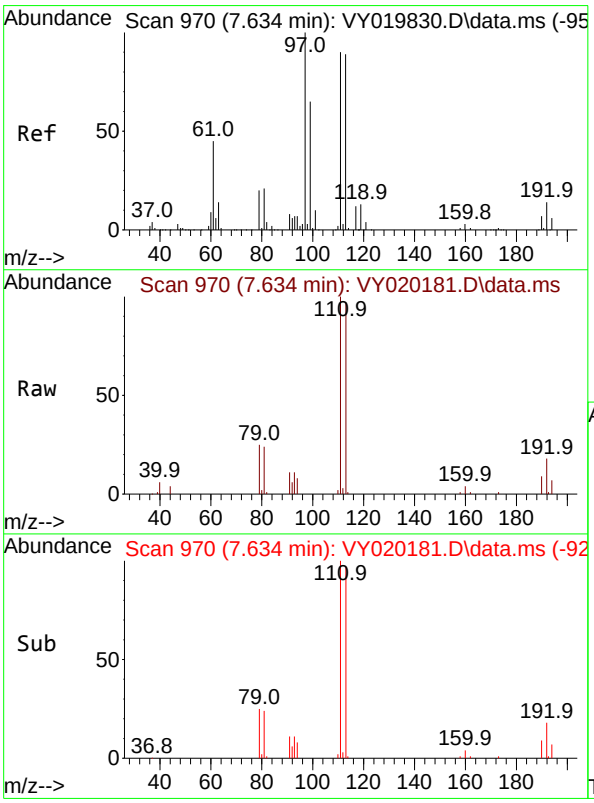
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 68639

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.0
88	14.9	0.0	27.2

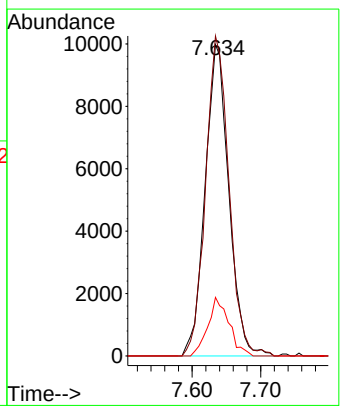


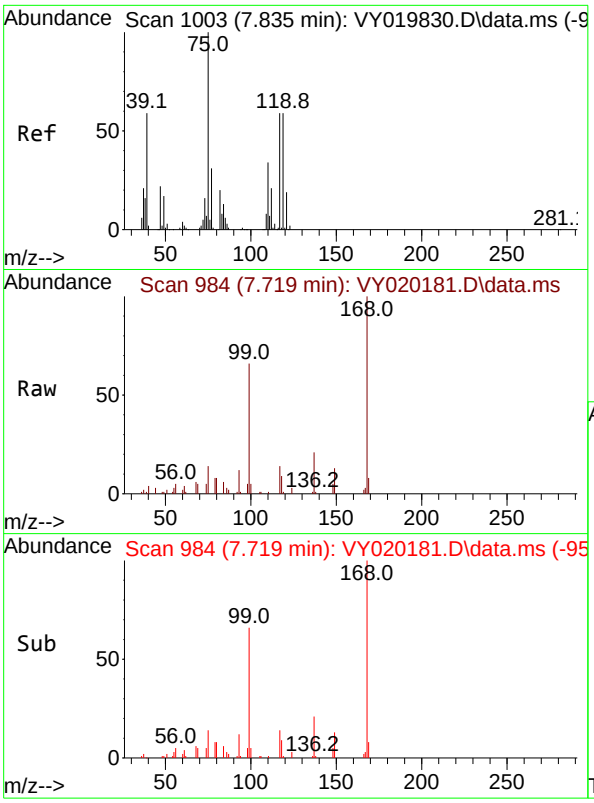


#35
Dibromofluoromethane
Concen: 54.858 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion:113 Resp: 23940

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	16.8	15.9	23.9



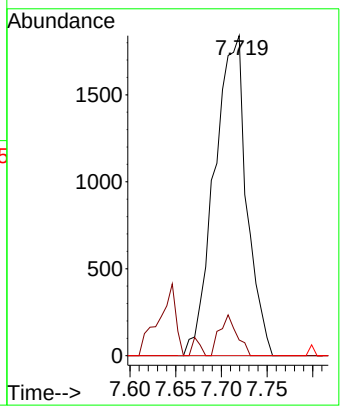


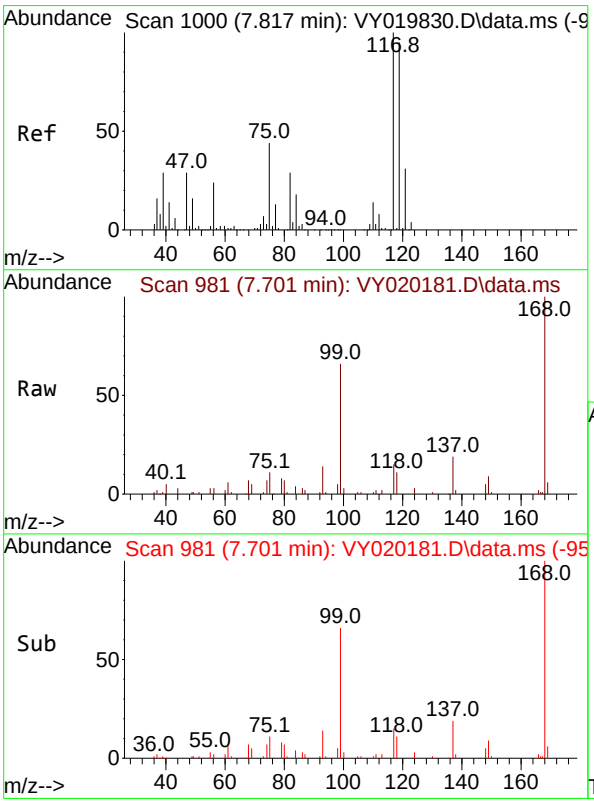
#36
1,1-Dichloropropene
Concen: 6.712 ug/l
RT: 7.719 min Scan# 9
Delta R.T. -0.115 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4525

Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.0	57.0#
77	0.0	25.3	37.9#

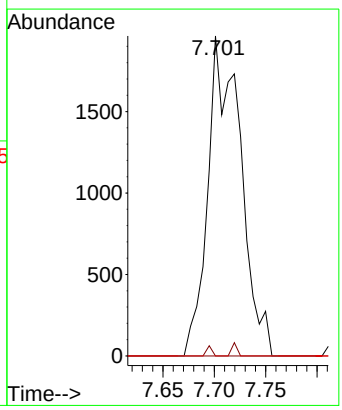


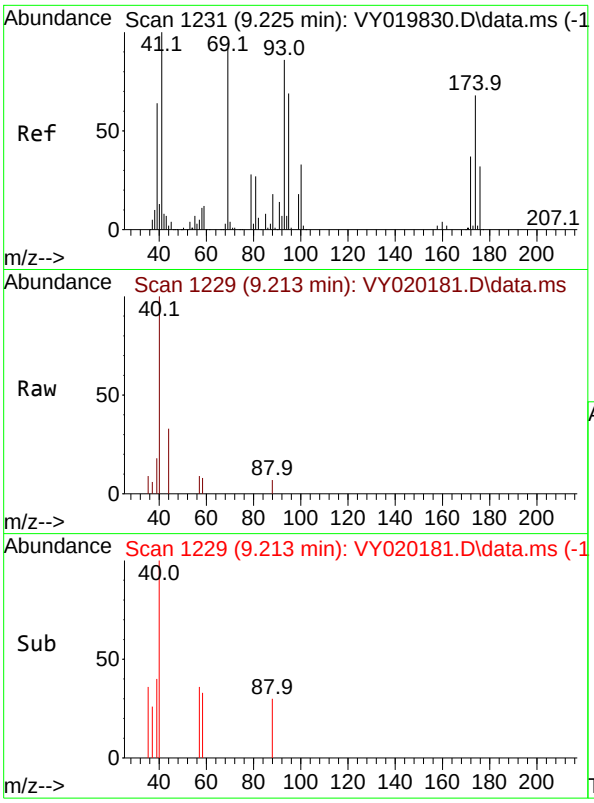


#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion:117 Resp: 4360

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#



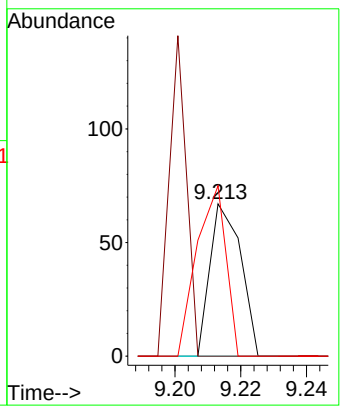


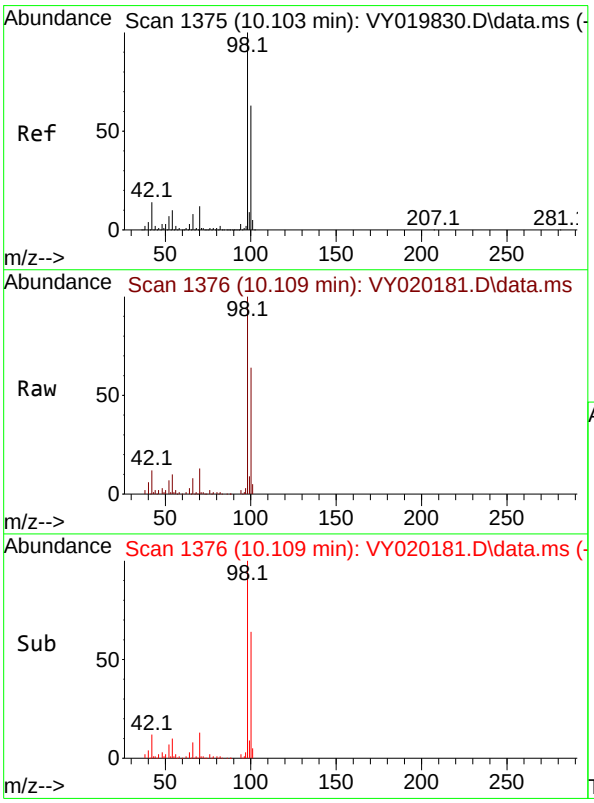
#49
1,4-Dioxane
Concen: 16.754 ug/l
RT: 9.213 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	118.2	0.0	0.0#
58	104.5	49.3	73.9#

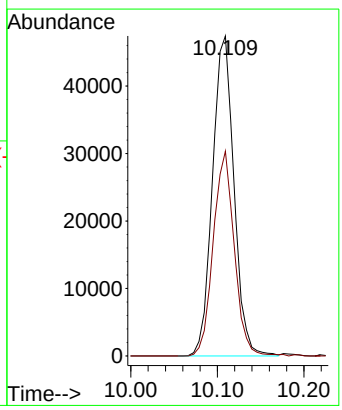


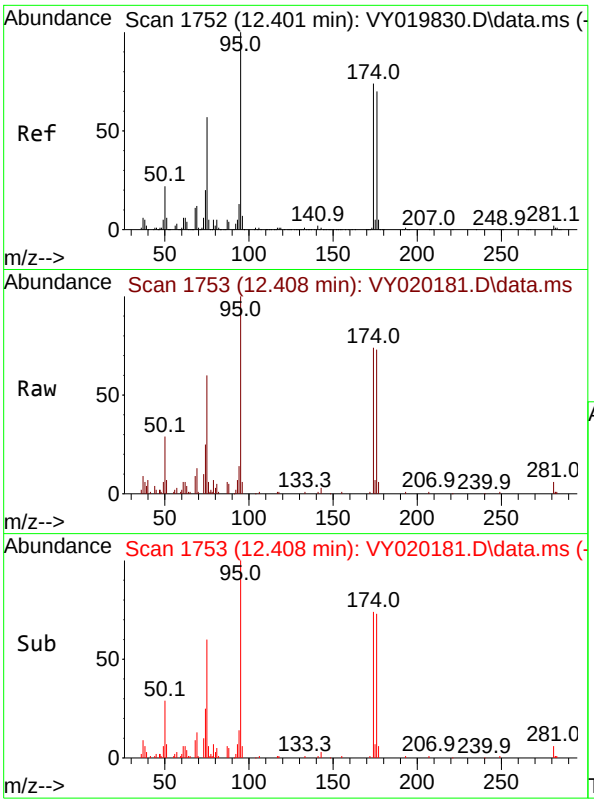


#50
Toluene-d8
Concen: 47.063 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 98 Resp: 81753

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.0	78.0



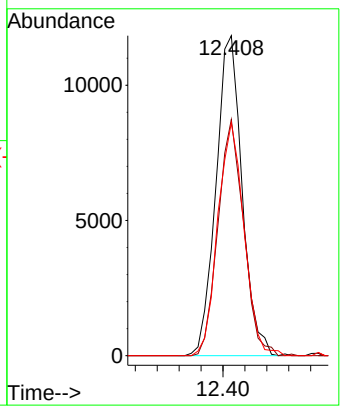


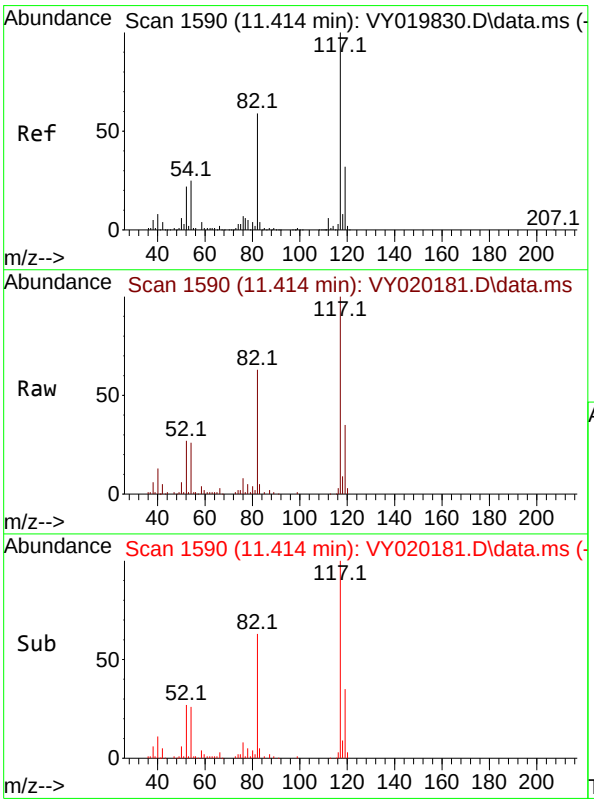
#62
4-Bromofluorobenzene
Concen: 34.732 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 19597

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	175.6
176	73.0	0.0	171.4

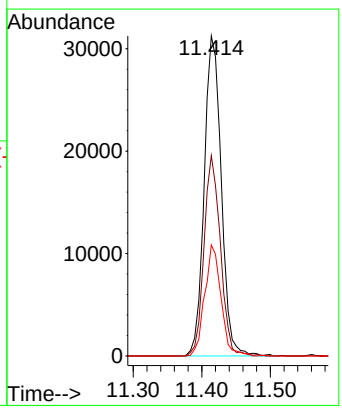


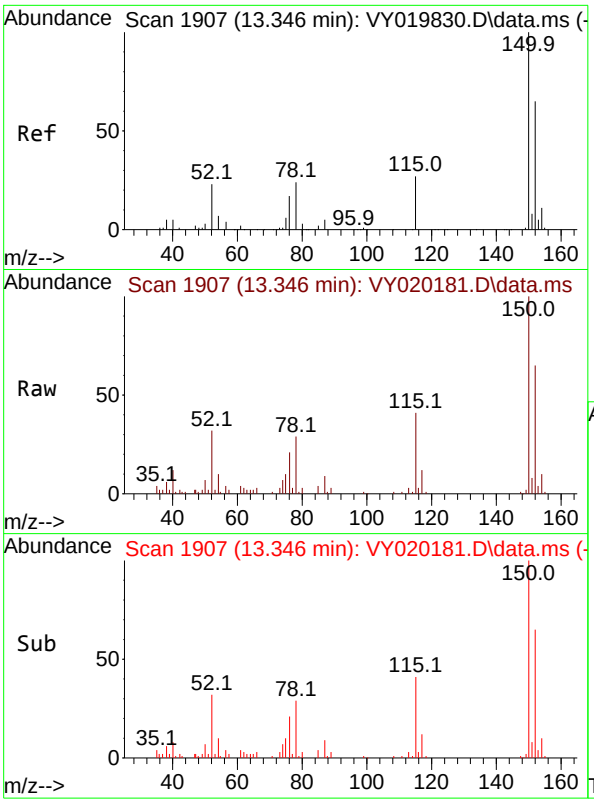


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion:117 Resp: 54199

Ion	Ratio	Lower	Upper
117	100		
82	62.6	42.4	63.6
119	34.7	25.9	38.9



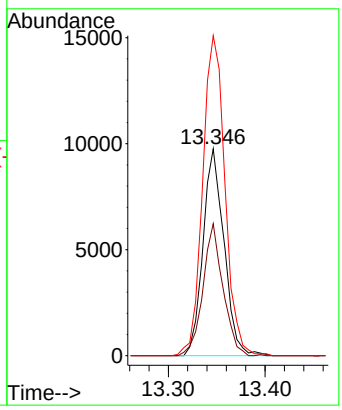


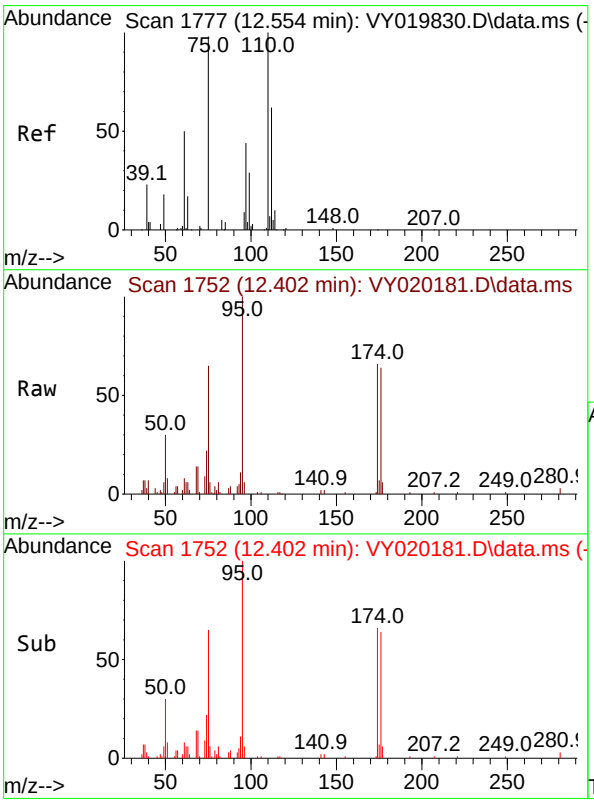
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 14779

Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.2	84.7
150	163.6	0.0	345.6

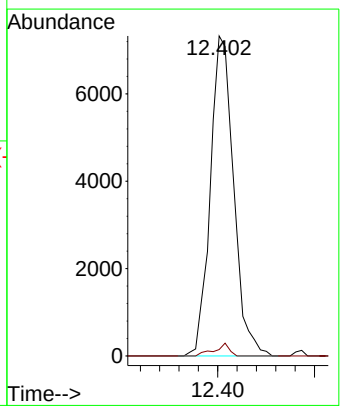


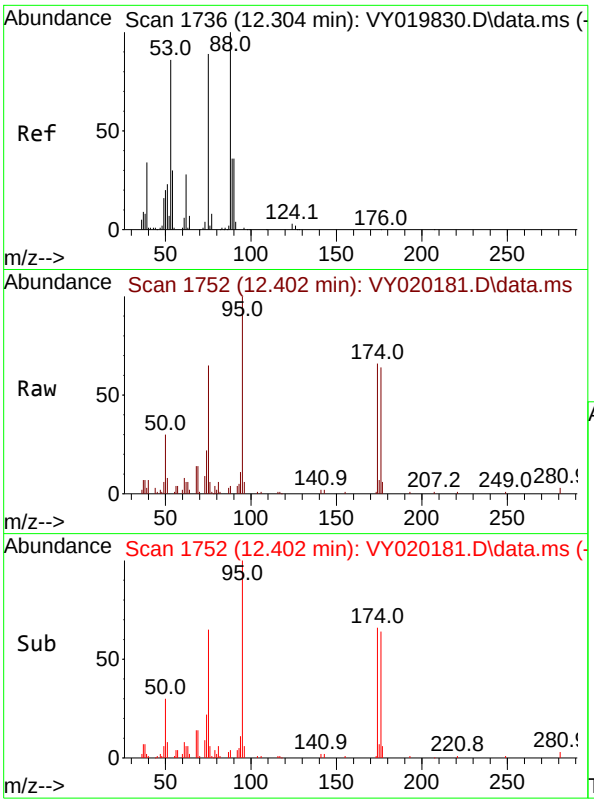


#76
1,2,3-Trichloropropane
Concen: 88.626 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Tgt Ion: 75 Resp: 12278

Ion	Ratio	Lower	Upper
75	100		
77	2.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 190.631 ug/l
RT: 12.402 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY020181.D
Acq: 06 Nov 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12278

Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.0	35.8	53.6#