Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
Data File : VY020881.D
Acq On : 20 Jan 2025 15:25
Operator : SY/MD
Sample : Q1123-02
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 00:42:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	136069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	206188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	165789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	67779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	61335	53.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.060%			
35) Dibromofluoromethane	7.646	113	65470	50.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.360%			
50) Toluene-d8	10.115	98	214326	47.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.414	95	63158	37.981	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 75.960%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	1740	19.910	ug/l #	73
16) Acetone	3.872	43	1907	11.595	ug/l	93
18) Methyl Acetate	4.128	43	915	1.648	ug/l #	46
25) 2-Butanone	6.896	43	1135	4.201	ug/l #	45
31) Cyclohexane	7.713	56	2230	1.325	ug/l #	24
36) 1,1-Dichloropropene	7.719	75	9605	5.830	ug/l #	48
37) Ethyl Acetate	6.896	43	1135	1.731	ug/l #	1
38) Carbon Tetrachloride	7.719	117	13513	5.892	ug/l #	16
51) 4-Methyl-2-Pentanone	10.005	43	889	1.334	ug/l #	84
76) 1,2,3-Trichloropropane	12.414	75	31277	52.739	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	31277	111.202	ug/l #	14

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

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 00:42:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
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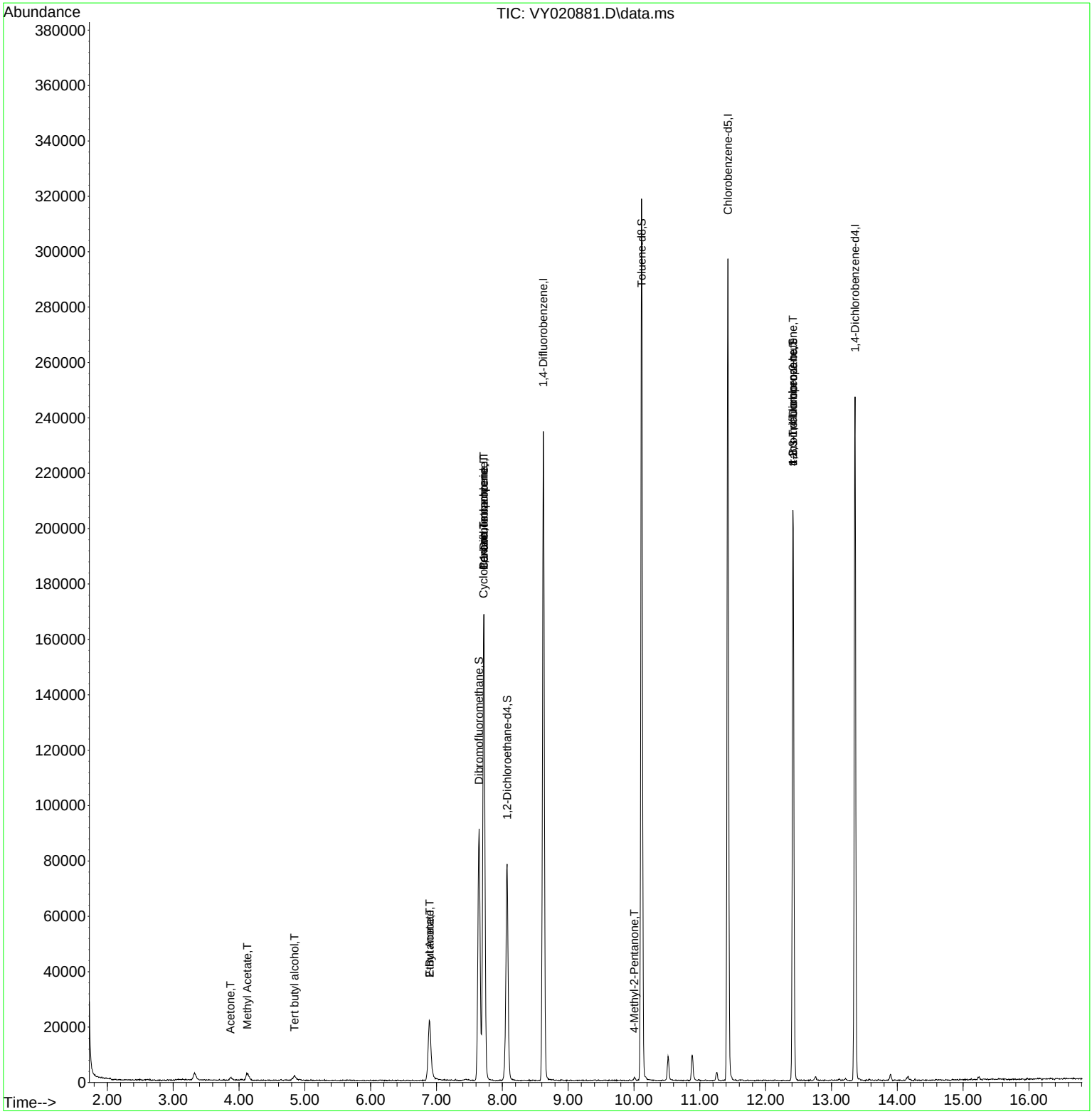
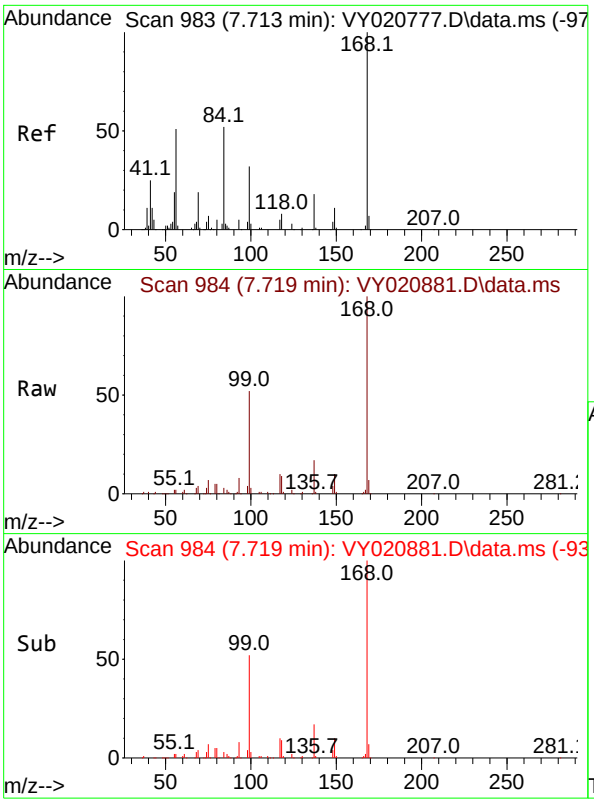


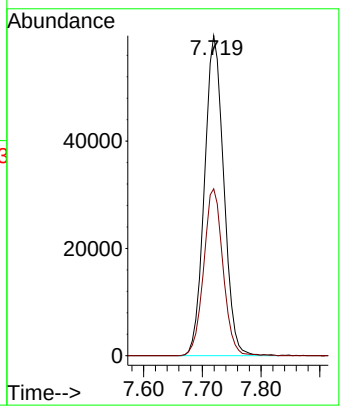


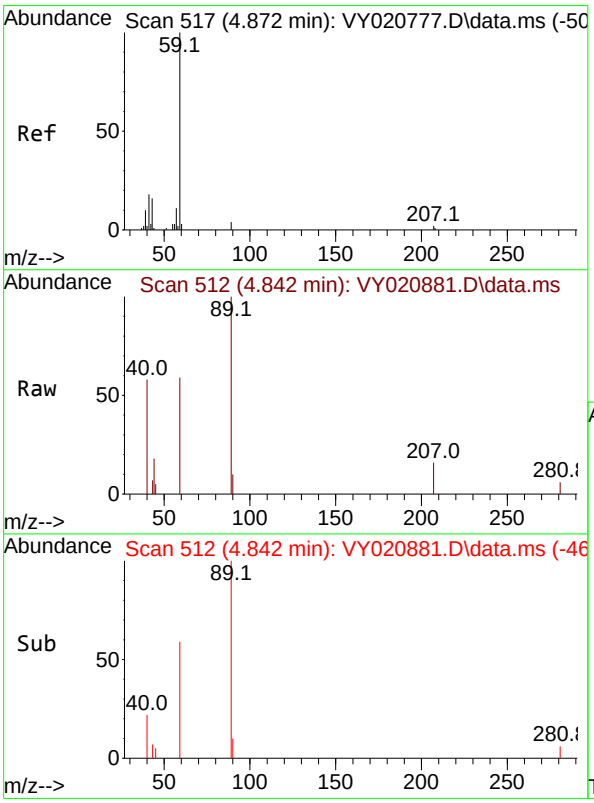
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 136069

Ion	Ratio	Lower	Upper
168	100		
99	52.1	44.3	66.5

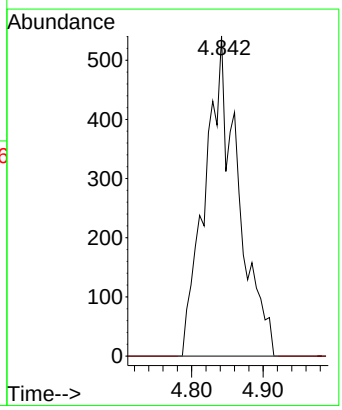


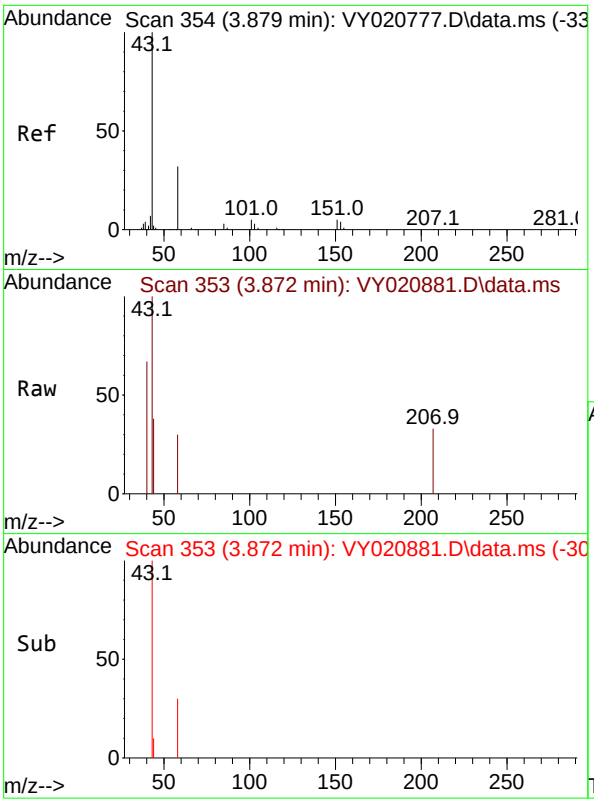


#11
Tert butyl alcohol
Concen: 19.910 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 59 Resp: 1740

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



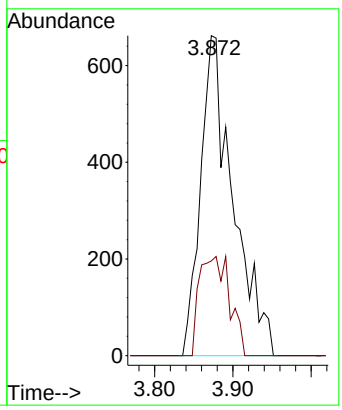


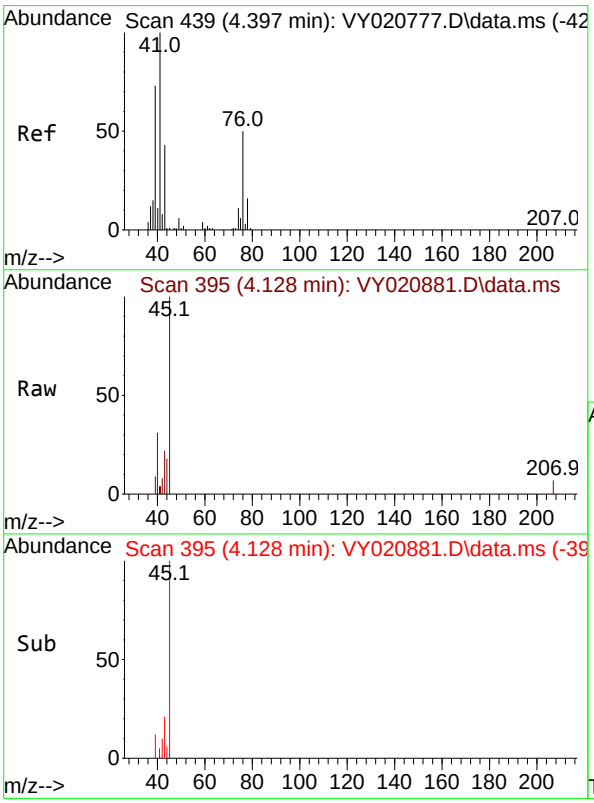
#16
Acetone
Concen: 11.595 ug/l
RT: 3.872 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1907

Ion	Ratio	Lower	Upper
43	100		
58	29.6	26.7	40.1

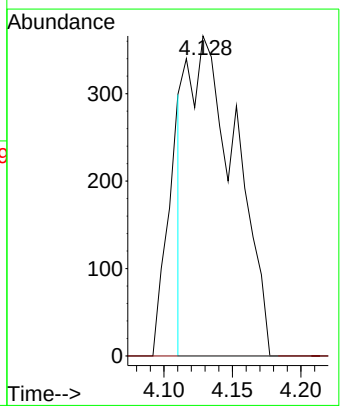


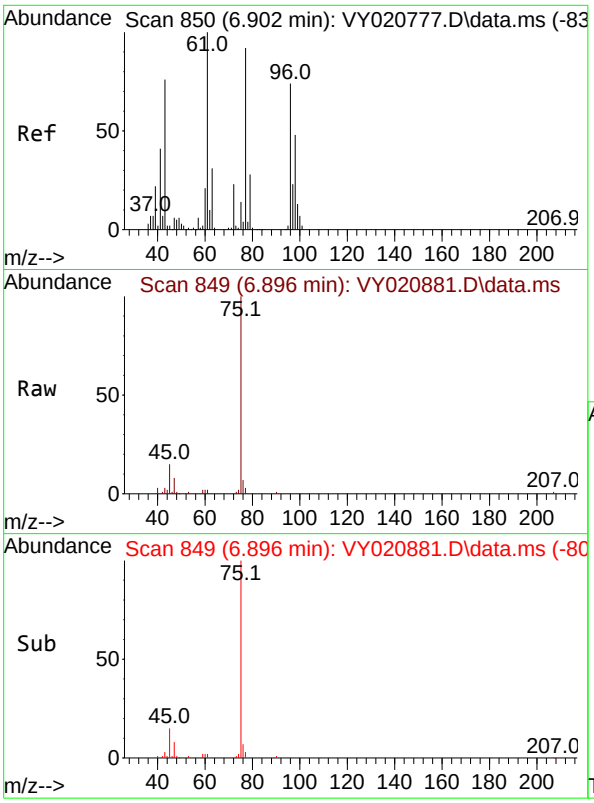


#18
Methyl Acetate
Concen: 1.648 ug/l
RT: 4.128 min Scan# 395
Delta R.T. -0.268 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 43 Resp: 915

Ion	Ratio	Lower	Upper
43	100		
74	0.0	23.0	34.6#



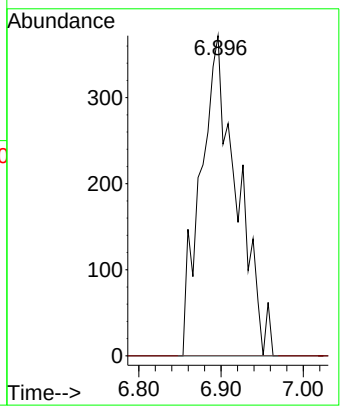


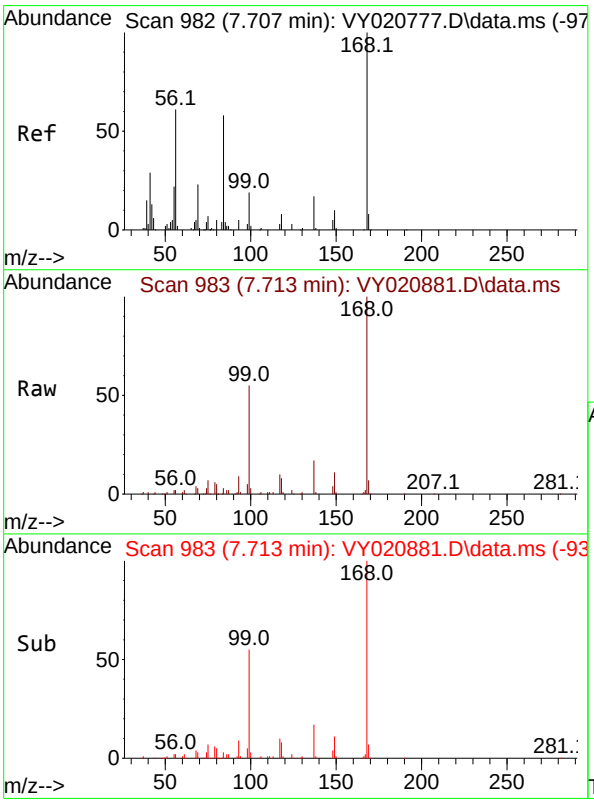
#25
2-Butanone
Concen: 4.201 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1135

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

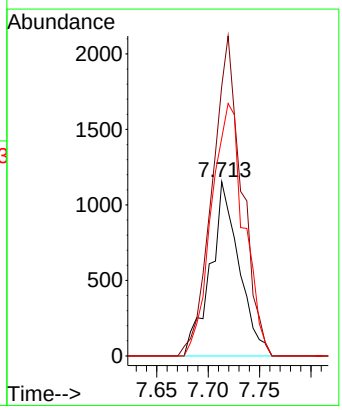


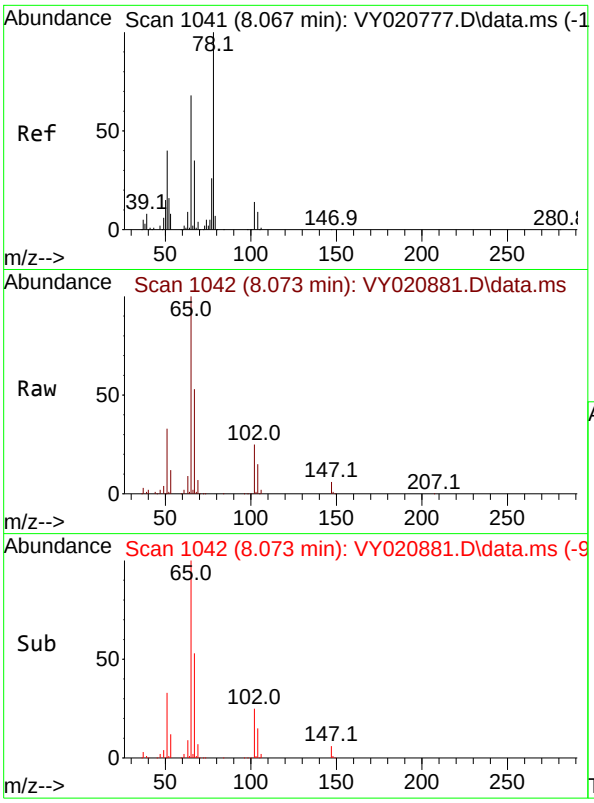


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 56 Resp: 2230

Ion	Ratio	Lower	Upper
56	100		
69	154.8	30.5	45.7#
84	125.0	76.6	115.0#



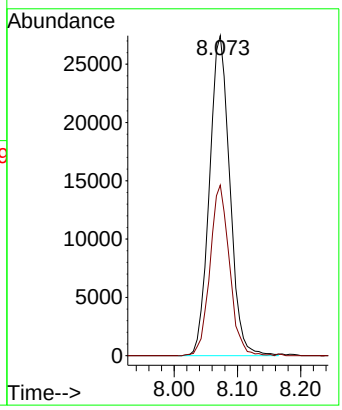


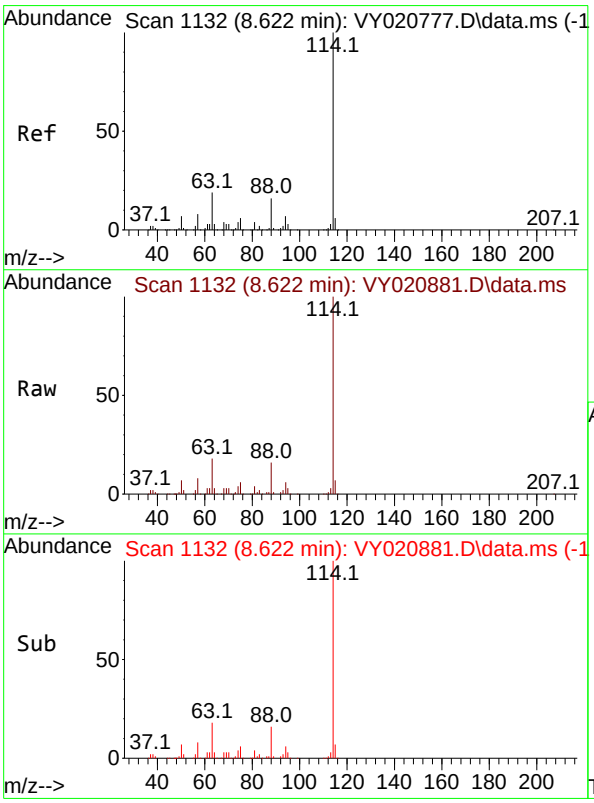
#33
1,2-Dichloroethane-d4
Concen: 53.033 ug/l
RT: 8.073 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 61335

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.8

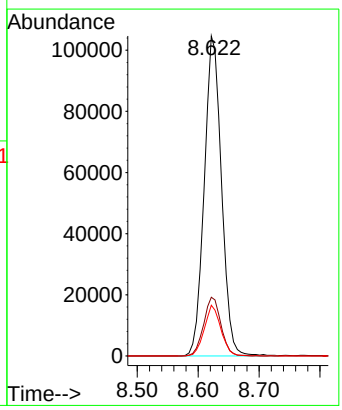


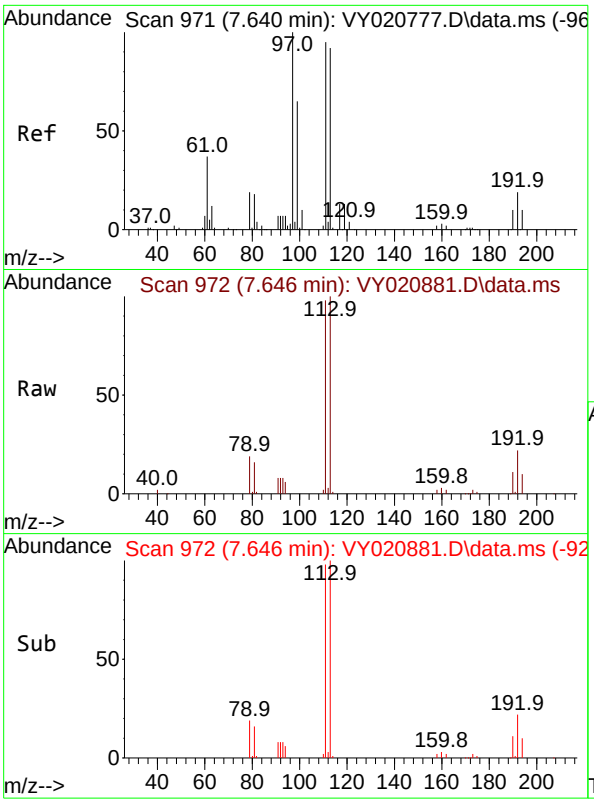


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion:114 Resp: 206188

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	15.9	0.0	31.2



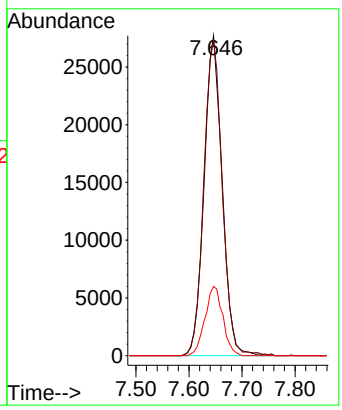


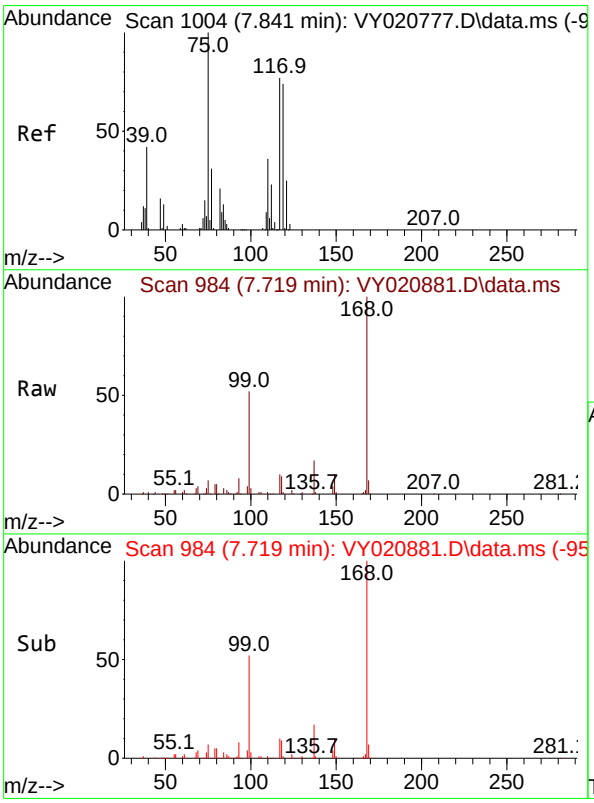
#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.646 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 65470

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.7	122.5
192	21.4	16.7	25.1

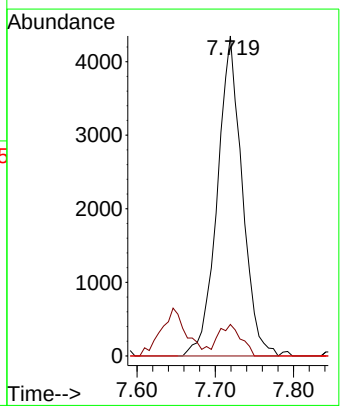


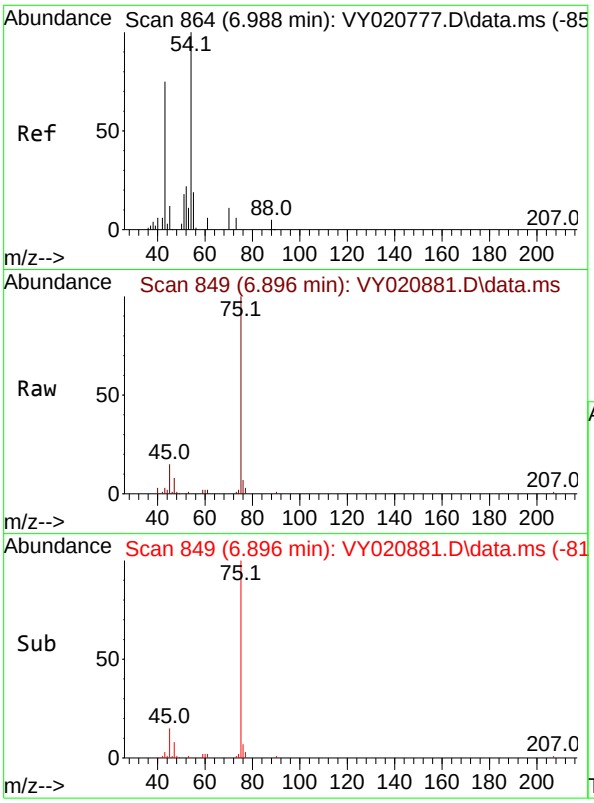


#36
1,1-Dichloropropene
Concen: 5.830 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 75 Resp: 9605

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.5	55.5#
77	0.0	25.0	37.4#



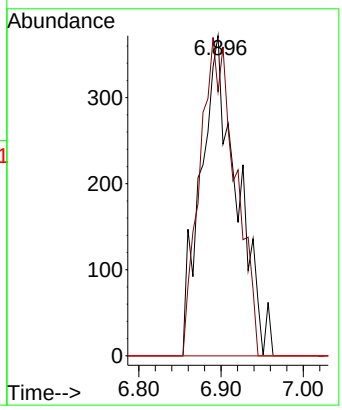


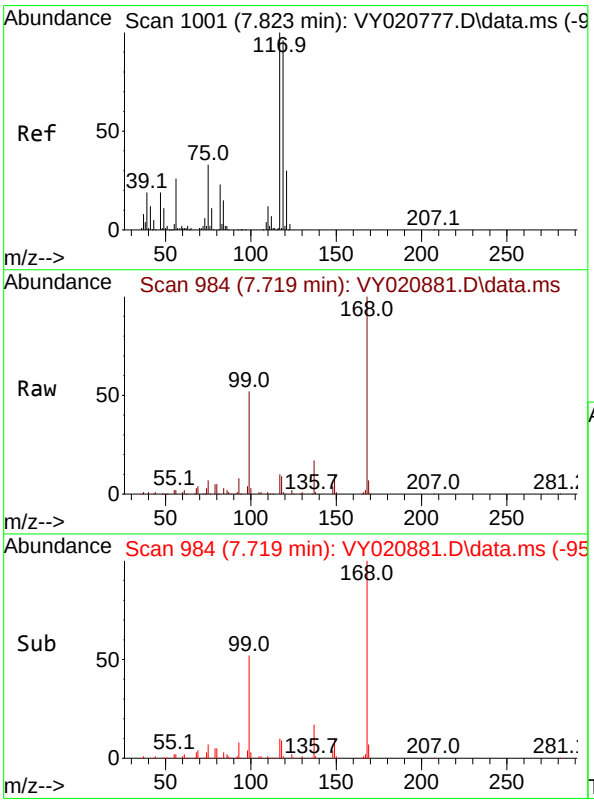
#37
Ethyl Acetate
Concen: 1.731 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1135

Ion	Ratio	Lower	Upper
43	100		
61	98.4	11.8	17.6#
70	0.0	9.8	14.8#

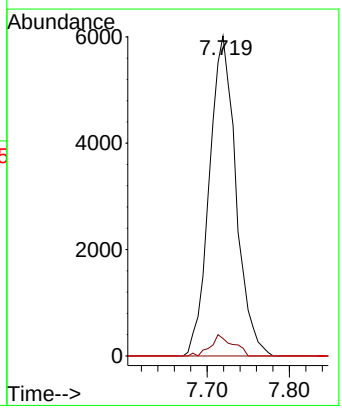


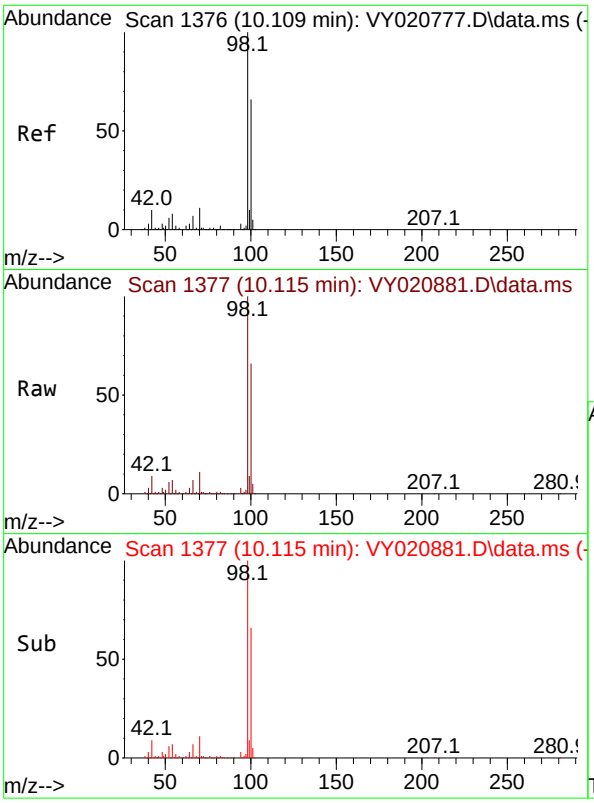


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion:117 Resp: 13513

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.5	114.7#
121	0.0	24.3	36.5#



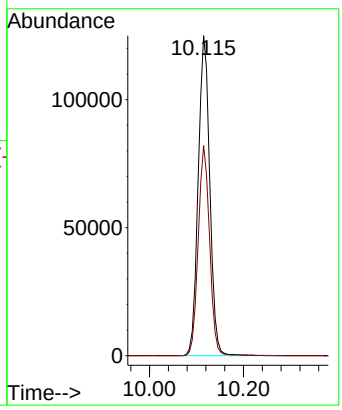


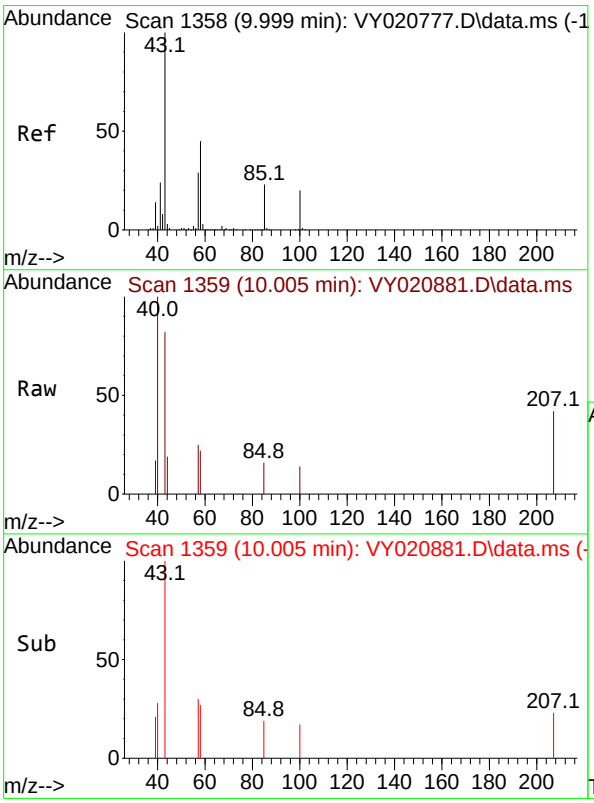
#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 214326

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.5	78.7

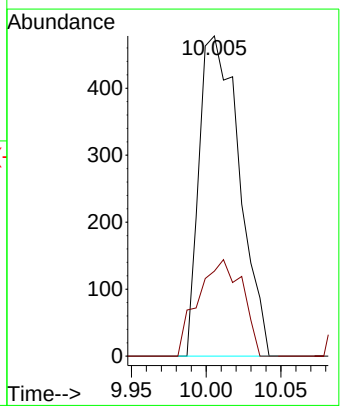


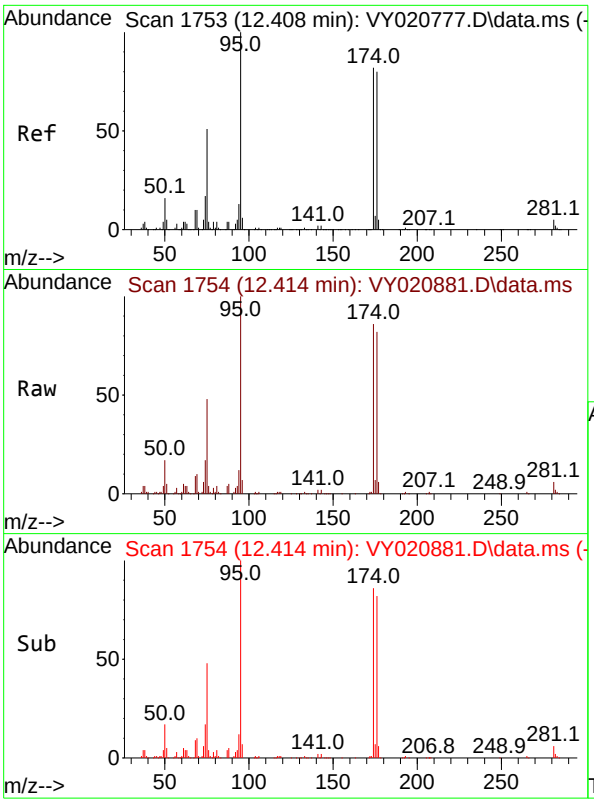


#51
4-Methyl-2-Pentanone
Concen: 1.334 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 43 Resp: 889

Ion	Ratio	Lower	Upper
43	100		
58	33.4	34.8	52.2#



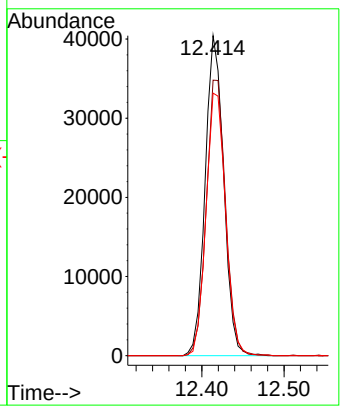


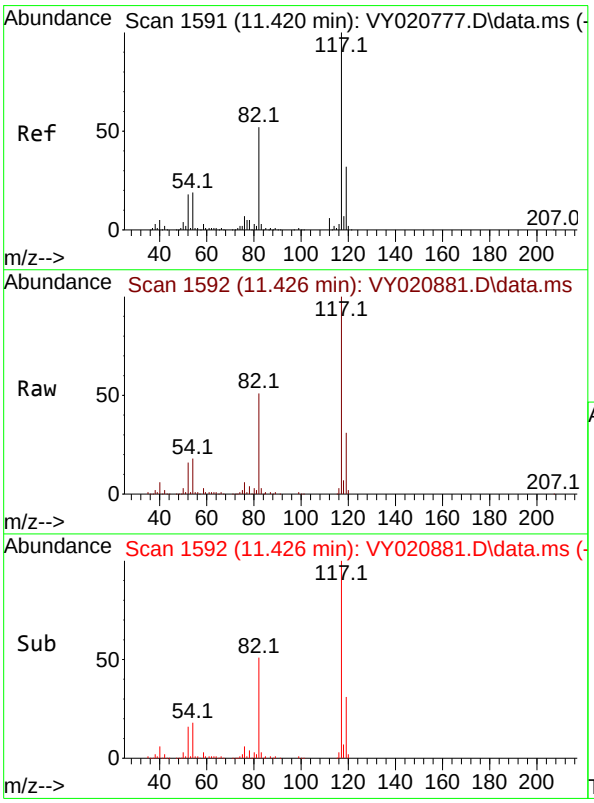
#62
4-Bromofluorobenzene
Concen: 37.981 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 63158

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	178.0
176	86.8	0.0	172.0

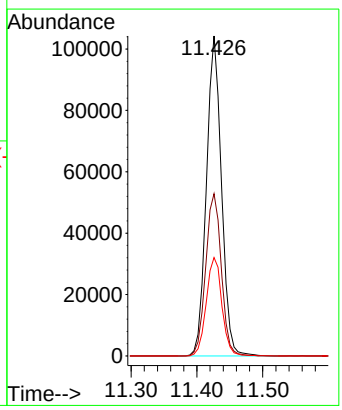


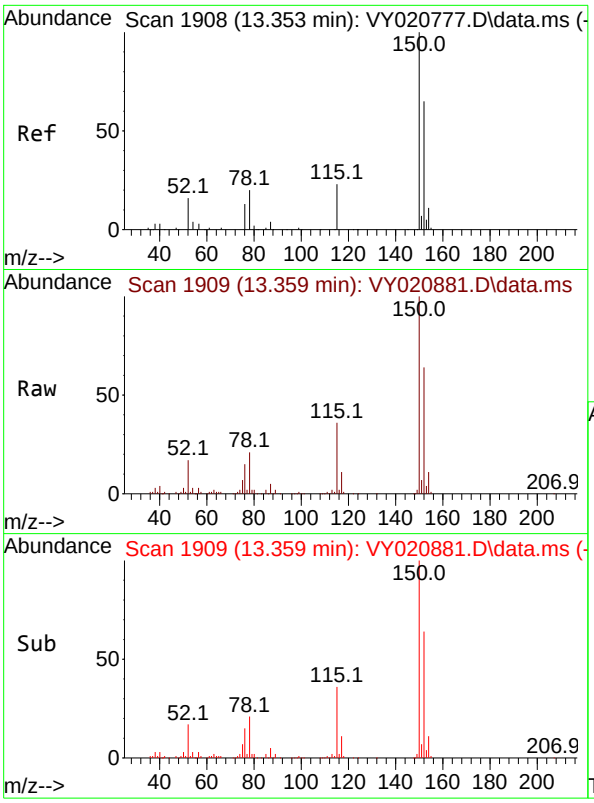


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion:117 Resp: 165789

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.8	62.6
119	30.8	25.8	38.8



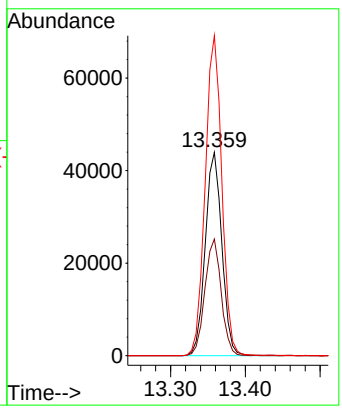


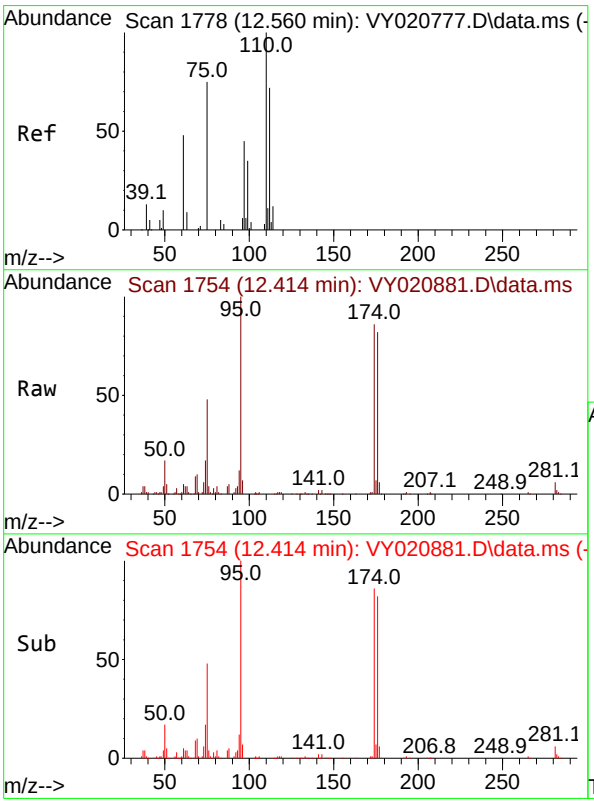
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 67779

Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.0	87.0
150	157.2	0.0	347.4

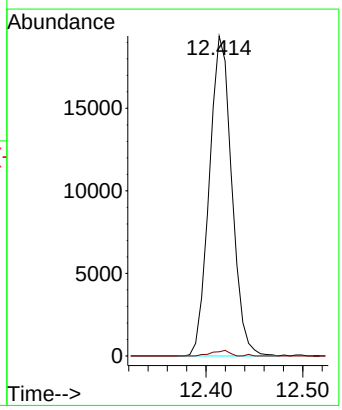


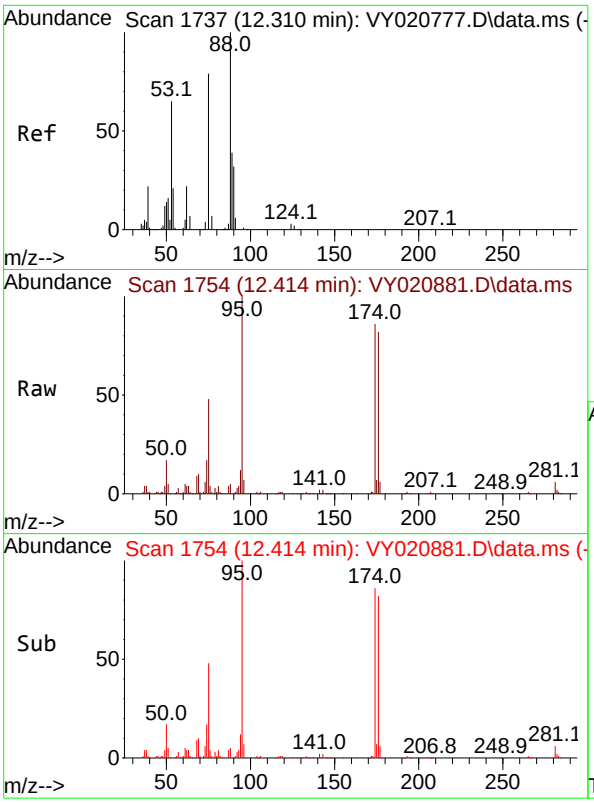


#76
1,2,3-Trichloropropane
Concen: 52.739 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 75 Resp: 31277

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 111.202 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31277

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#