Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
Data File : VY023370.D
Acq On : 25 Sep 2025 13:45
Operator : SY/MD
Sample : Q3187-01
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 25 16:30:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	445128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	763868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	620613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	213056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219244	56.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.100%			
35) Dibromofluoromethane	7.634	113	251449	53.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.700%			
50) Toluene-d8	10.103	98	833180	47.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.520%			
62) 4-Bromofluorobenzene	12.401	95	230318	41.510	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.842	59	7687	34.012	ug/l #	71
16) Acetone	3.866	43	13173	14.785	ug/l	95
20) Methylene Chloride	4.622	84	30021	6.298	ug/l	92
25) 2-Butanone	6.884	43	3809	3.474	ug/l #	61
31) Cyclohexane	7.713	56	7814	1.142	ug/l #	9
36) 1,1-Dichloropropene	7.707	75	30052	4.519	ug/l #	50
38) Carbon Tetrachloride	7.707	117	41866	5.471	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	116025	53.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	116025	146.650	ug/l #	14

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

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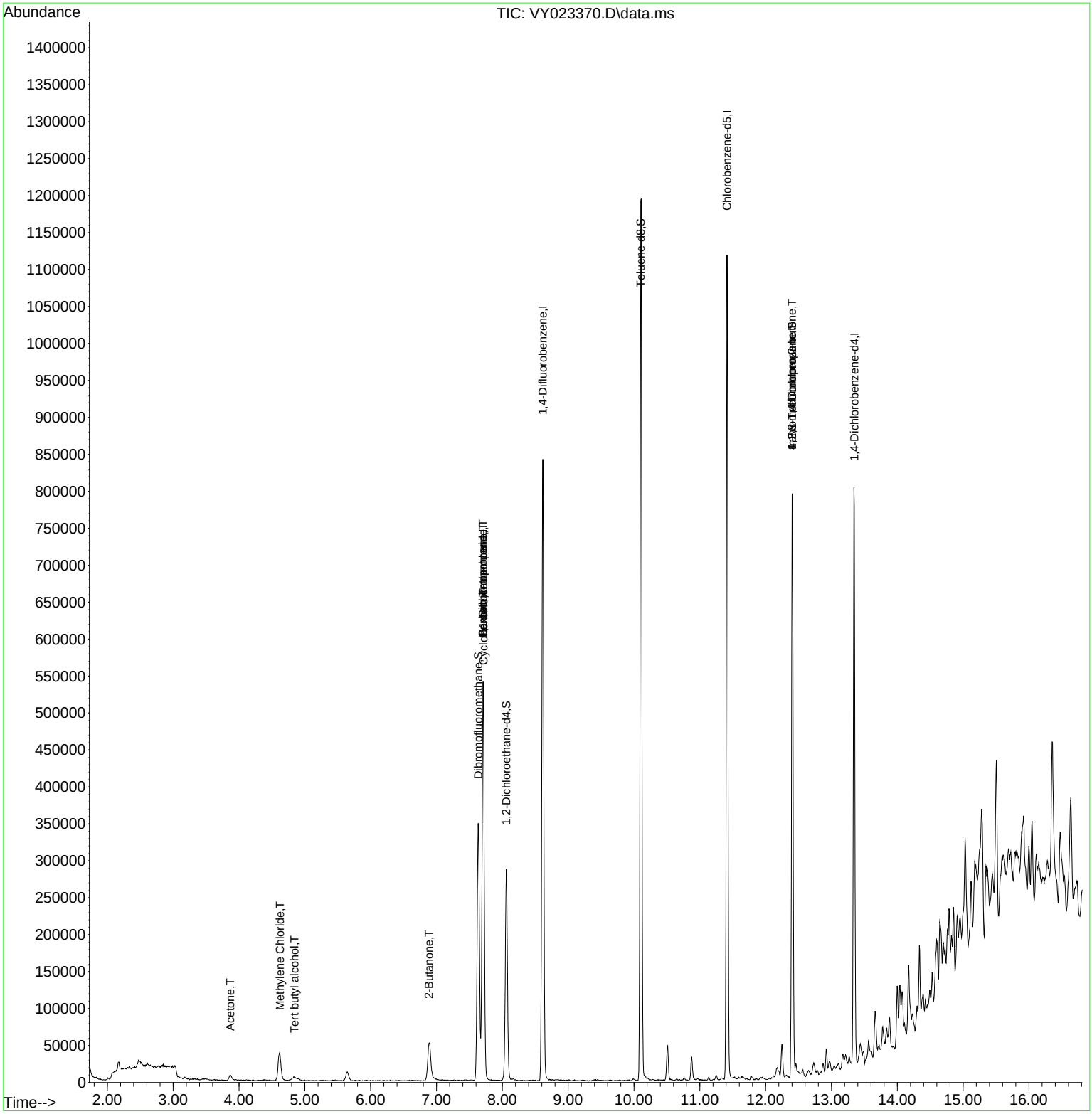
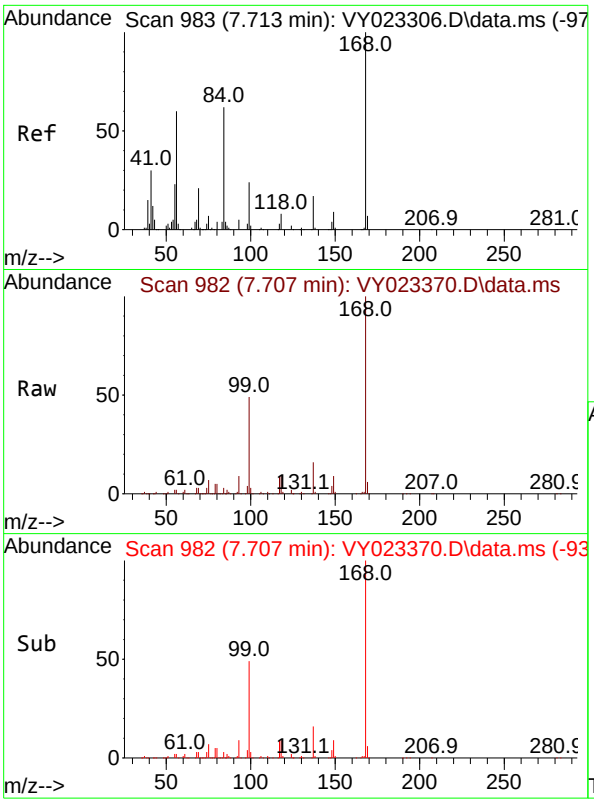
MSVOA_Y
ClientSampleId :

Quant Time: Sep 25 16:30:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration



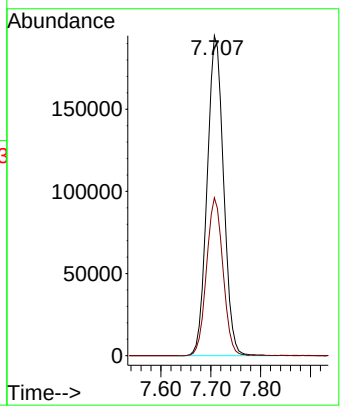


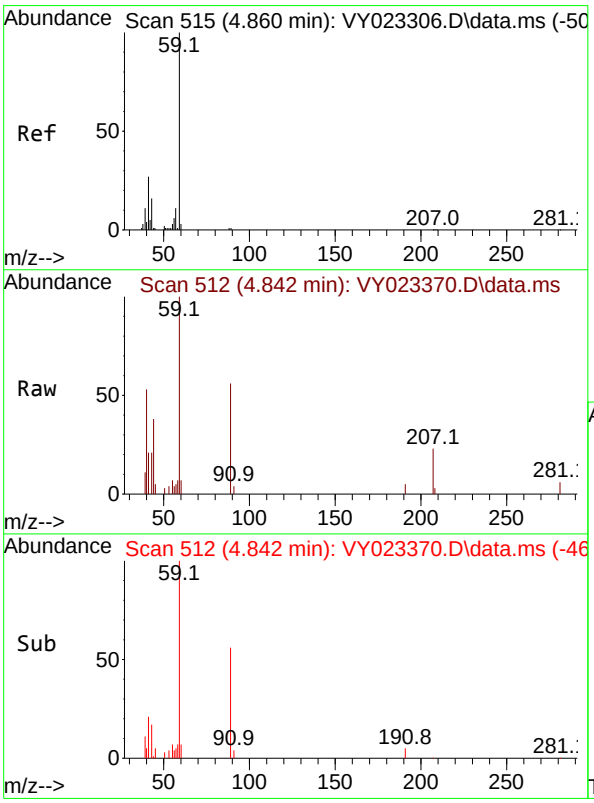
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 445128

Ion	Ratio	Lower	Upper
168	100		
99	49.4	42.8	64.2

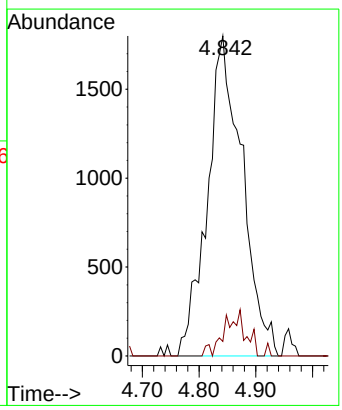


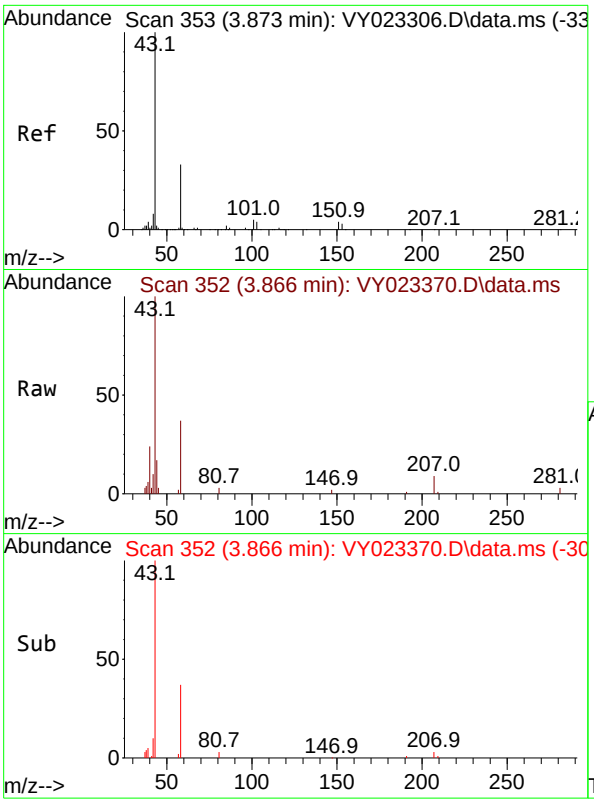


#11
Tert butyl alcohol
Concen: 34.012 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 59 Resp: 7687

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



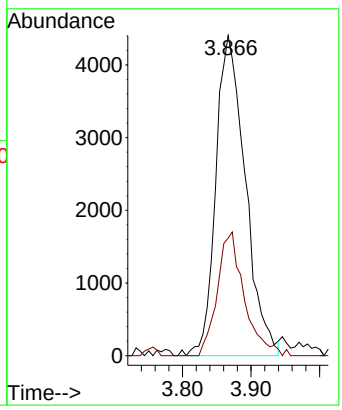


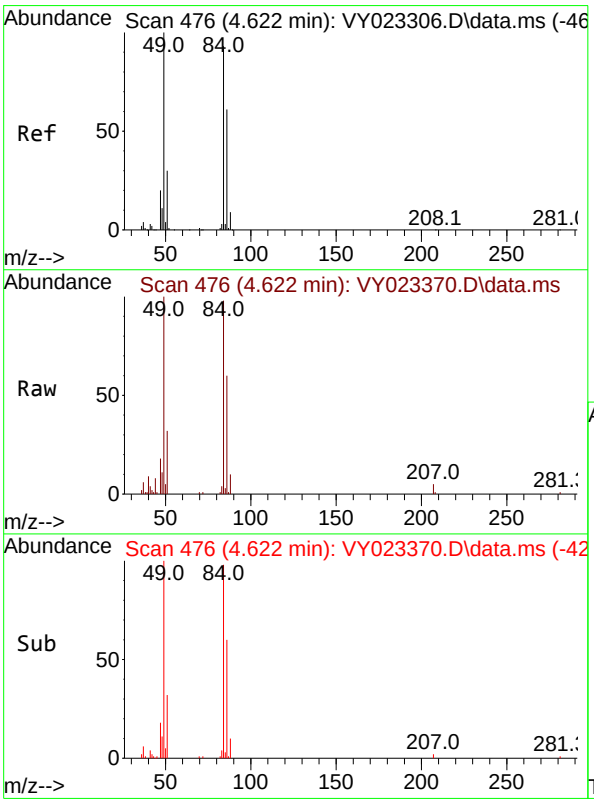
#16
Acetone
Concen: 14.785 ug/l
RT: 3.866 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 13173

Ion	Ratio	Lower	Upper
43	100		
58	36.7	27.1	40.7

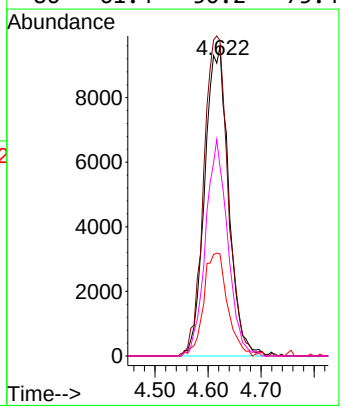


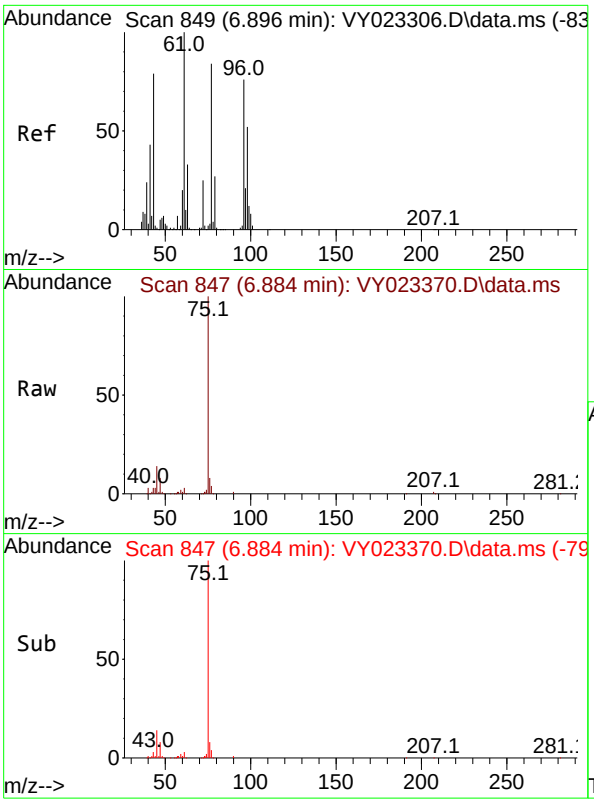


#20
Methylene Chloride
Concen: 6.298 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 84 Resp: 30021

Ion	Ratio	Lower	Upper
84	100		
49	102.1	93.0	139.6
51	33.1	29.0	43.4
86	61.4	50.2	75.4



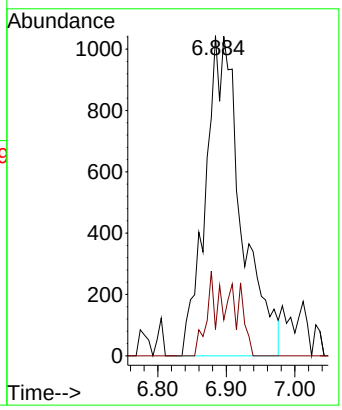


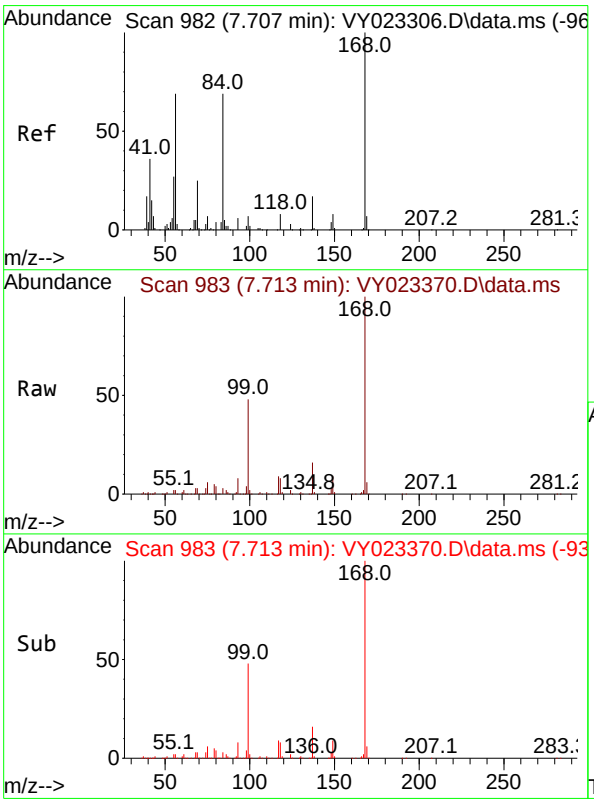
#25
2-Butanone
Concen: 3.474 ug/l
RT: 6.884 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3809

Ion	Ratio	Lower	Upper
43	100		
72	8.2	23.5	35.3#

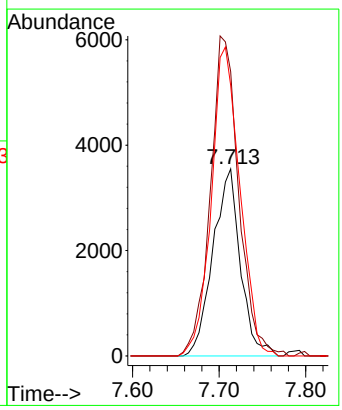


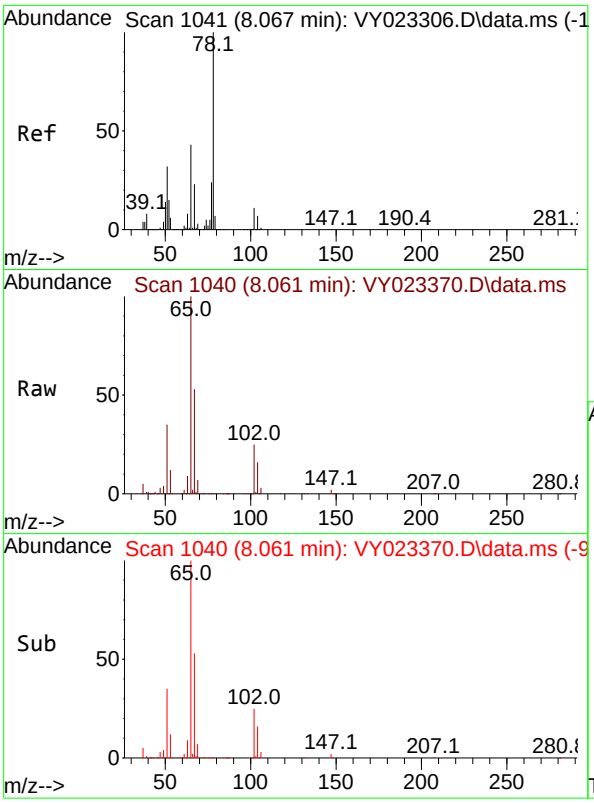


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 56 Resp: 7814

Ion	Ratio	Lower	Upper
56	100		
69	151.9	28.2	42.2#
84	144.6	76.6	114.8#



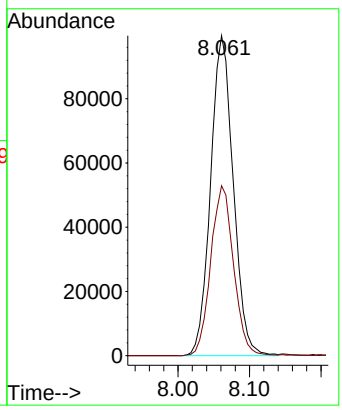


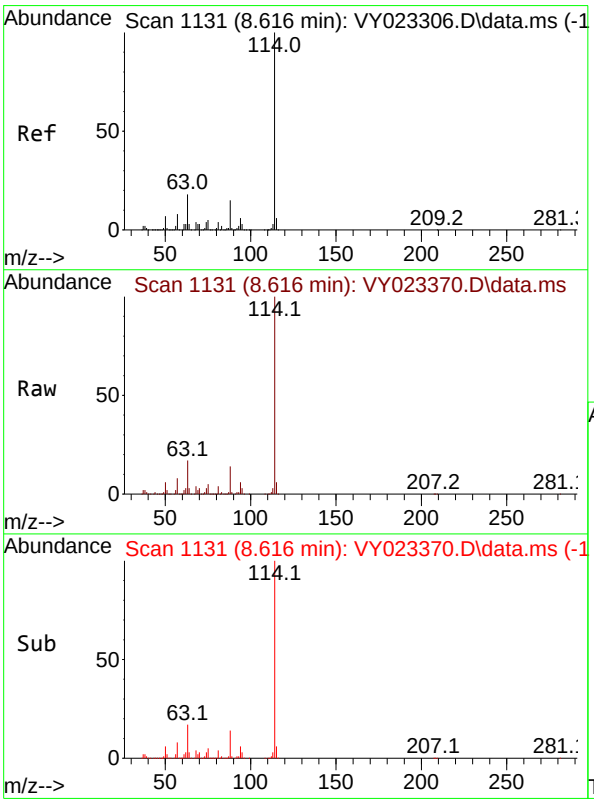
#33
1,2-Dichloroethane-d4
Concen: 56.052 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 219244

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

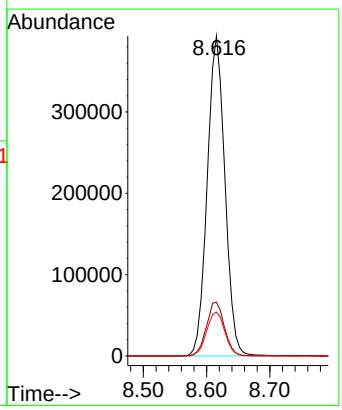


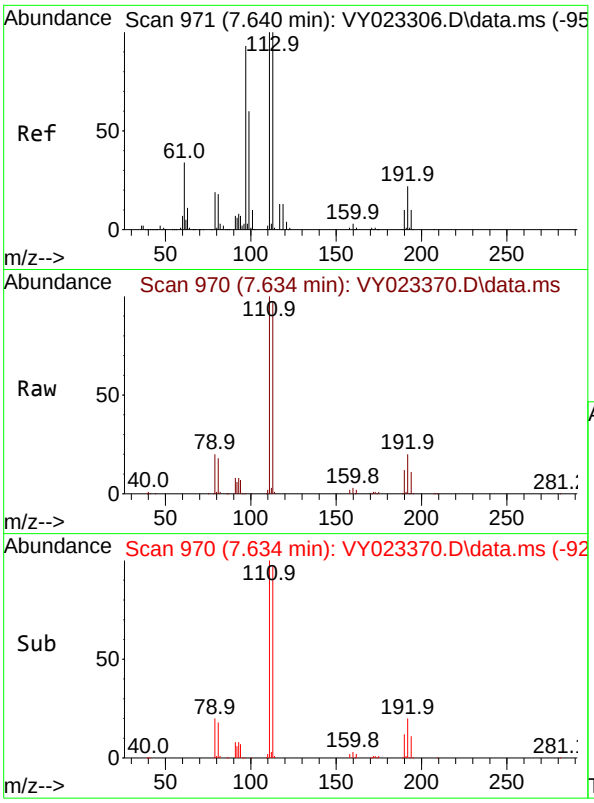


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion:114 Resp: 763868

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	38.4
88	13.8	0.0	30.0



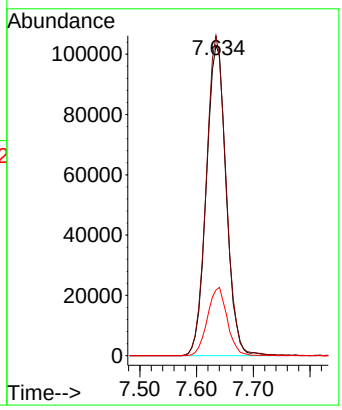


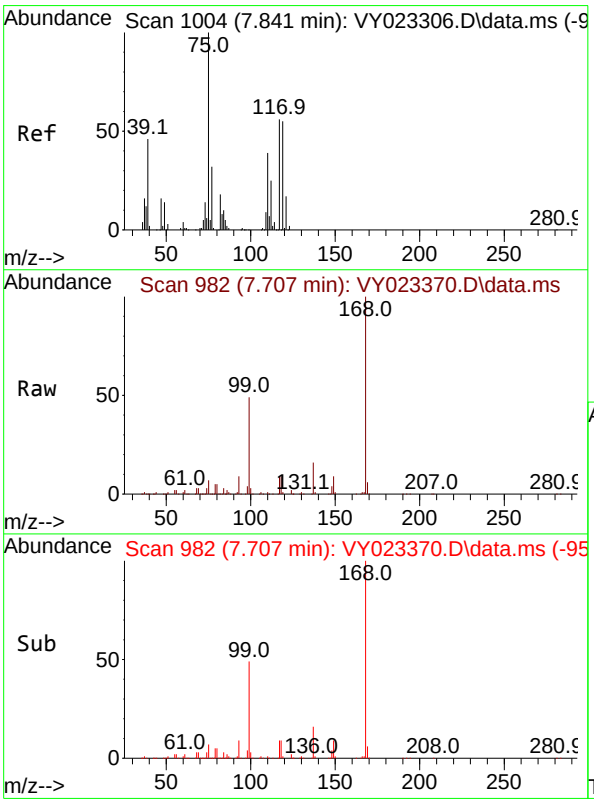
#35
Dibromofluoromethane
Concen: 53.852 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 251449

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	21.8	16.2	24.4

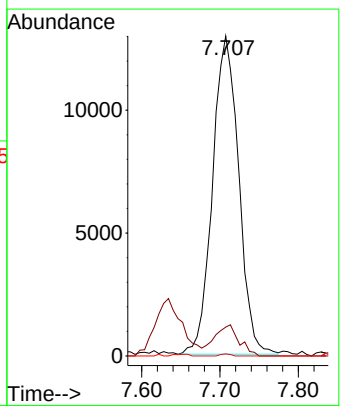


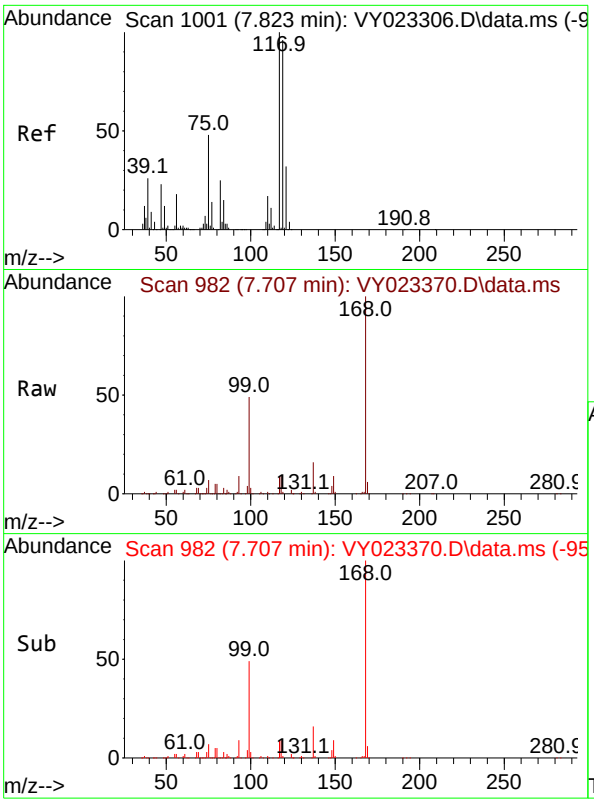


#36
1,1-Dichloropropene
Concen: 4.519 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 75 Resp: 30052

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.2	24.6	37.0#



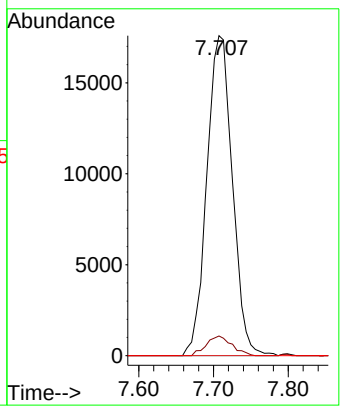


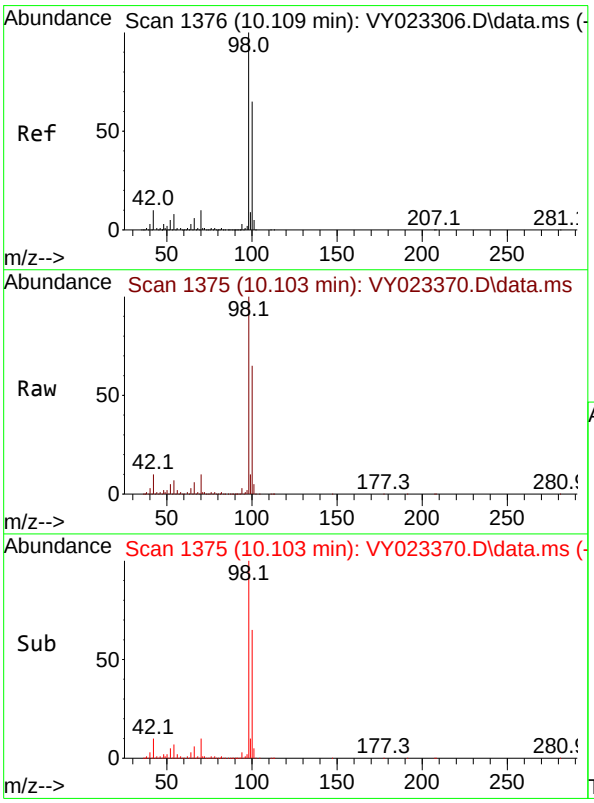
#38
Carbon Tetrachloride
Concen: 5.471 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 41866

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.6	113.4#
121	0.0	25.8	38.8#

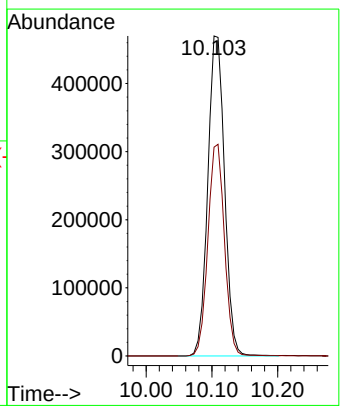


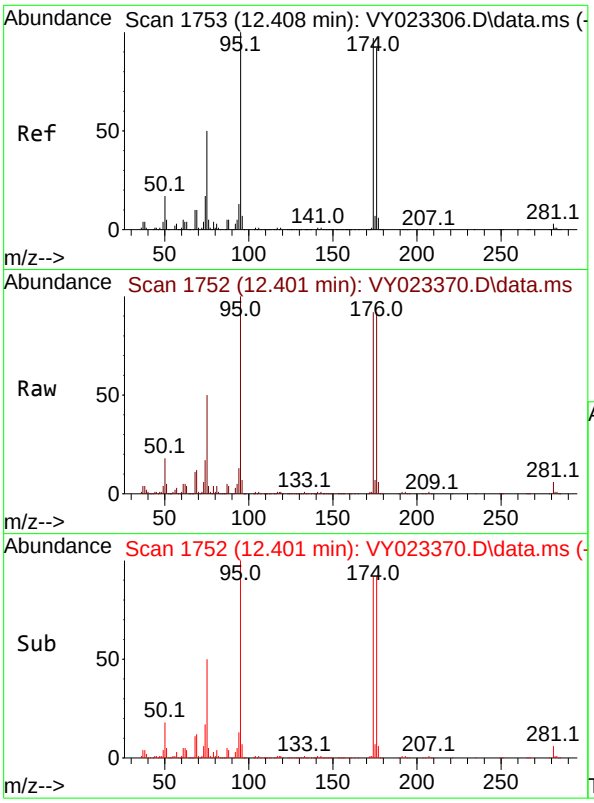


#50
Toluene-d8
Concen: 47.256 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 98 Resp: 833180

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5



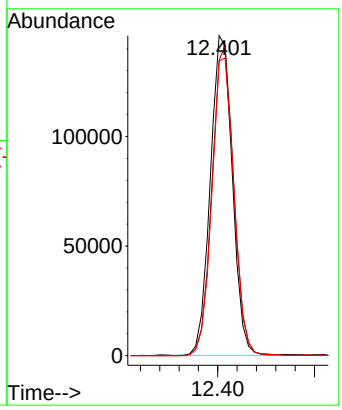


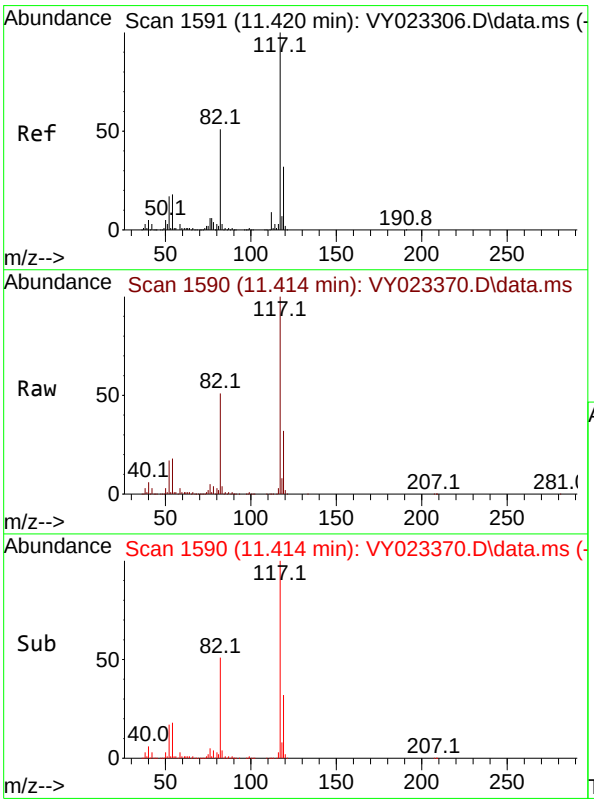
#62
4-Bromofluorobenzene
Concen: 41.510 ug/l
RT: 12.401 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 230318

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	171.6
176	93.5	0.0	167.6

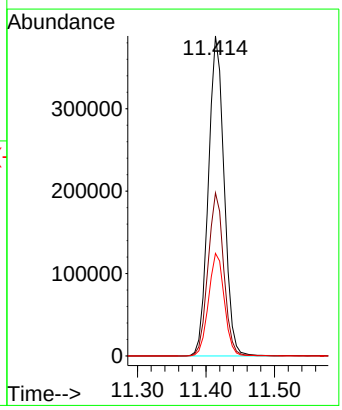


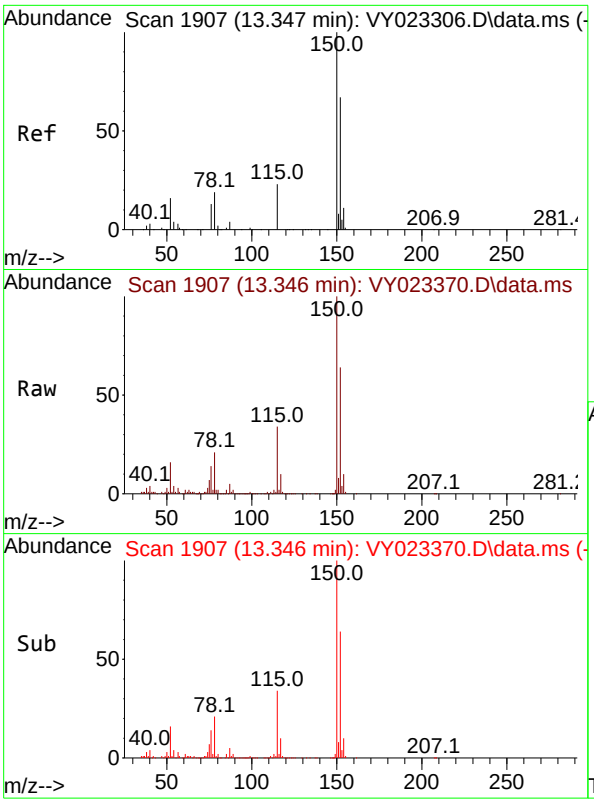


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion:117 Resp: 620613

Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.4	65.0
119	32.1	25.6	38.4



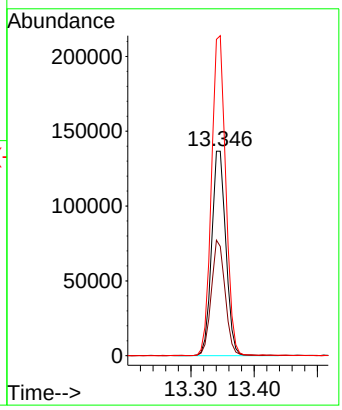


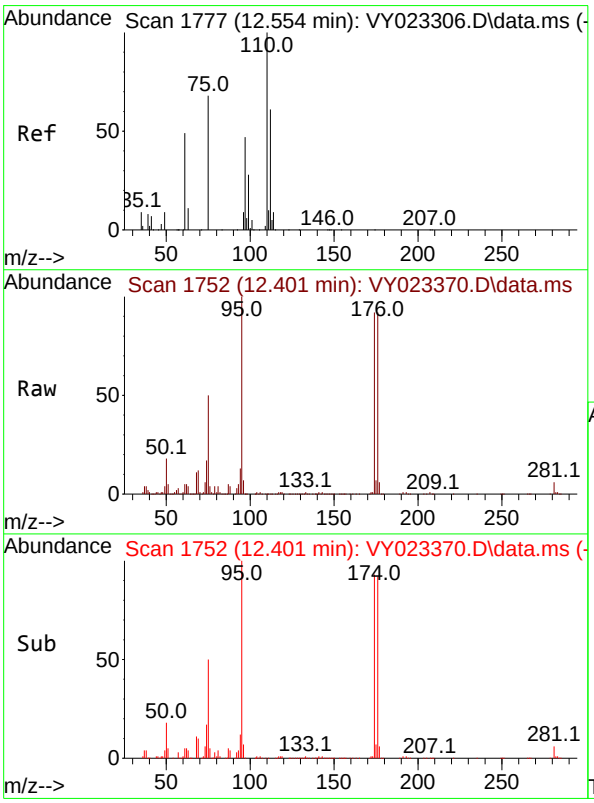
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 213056

Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.6
150	157.1	0.0	348.0

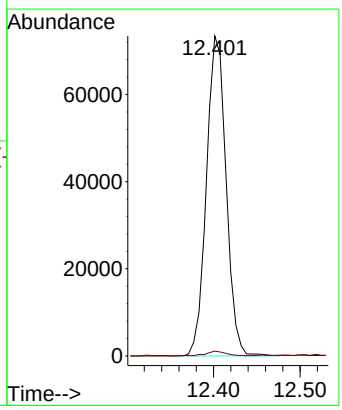


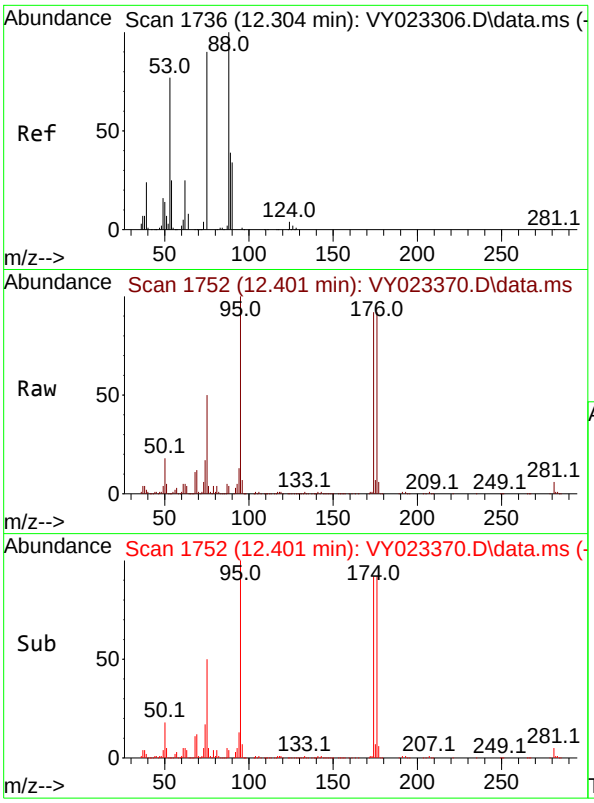


#76
1,2,3-Trichloropropane
Concen: 53.775 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Tgt Ion: 75 Resp: 116025

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.650 ug/l
RT: 12.401 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY023370.D
Acq: 25 Sep 2025 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 116025

Ion	Ratio	Lower	Upper
75	100		
53	0.1	70.8	106.2#
89	0.1	38.1	57.1#