Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
Data File : VY021266.D
Acq On : 20 Feb 2025 21:47
Operator : SY/MD
Sample : Q1382-15
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 02:47:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.720	168	166044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	301695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	117591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105654	62.104	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.200%			
35) Dibromofluoromethane	7.646	113	105315	50.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.115	98	394390	49.918	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.414	95	126818	49.133	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.866	59	351	3.045	ug/l #	75
16) Acetone	3.885	43	24979	94.151	ug/l #	87
18) Methyl Acetate	4.421	43	1079	1.159	ug/l #	51
31) Cyclohexane	7.713	56	3812	1.314	ug/l #	10
36) 1,1-Dichloropropene	7.720	75	13473	4.383	ug/l #	51
38) Carbon Tetrachloride	7.720	117	17512	4.876	ug/l #	17
51) 4-Methyl-2-Pentanone	10.122	43	1880	1.395	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	69787	65.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	69787	133.495	ug/l #	12

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 21 02:47:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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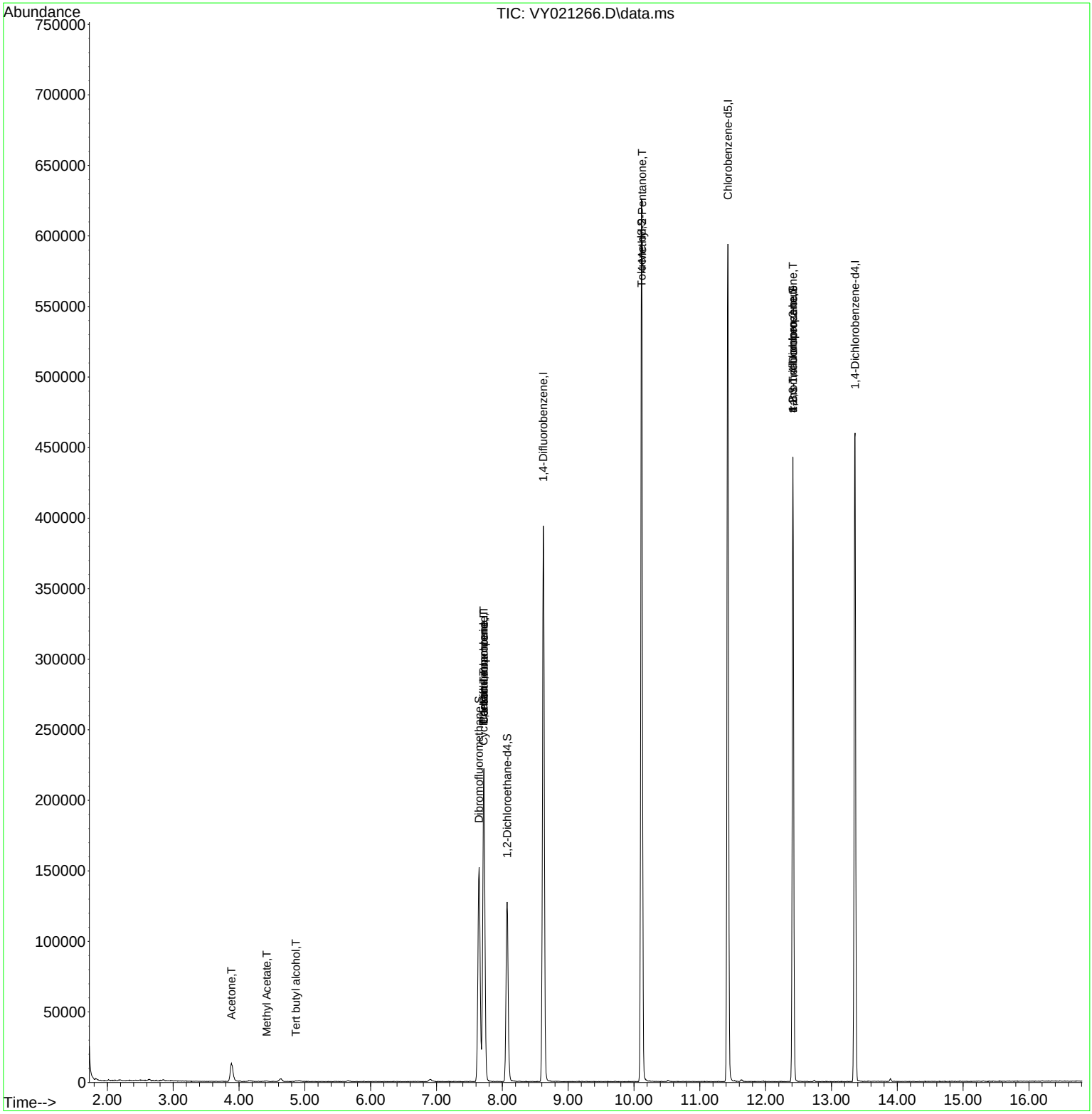
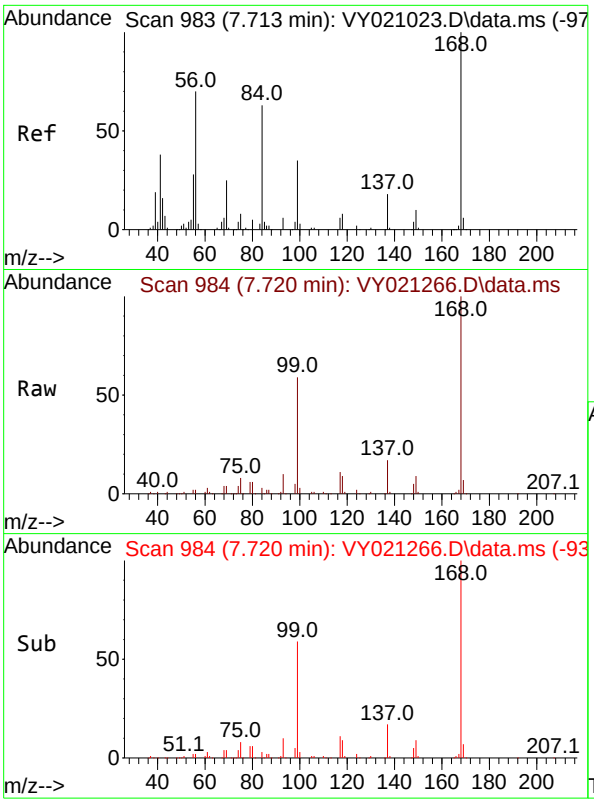


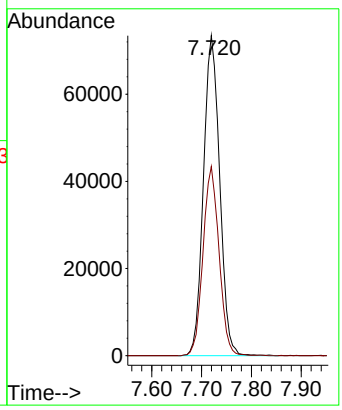


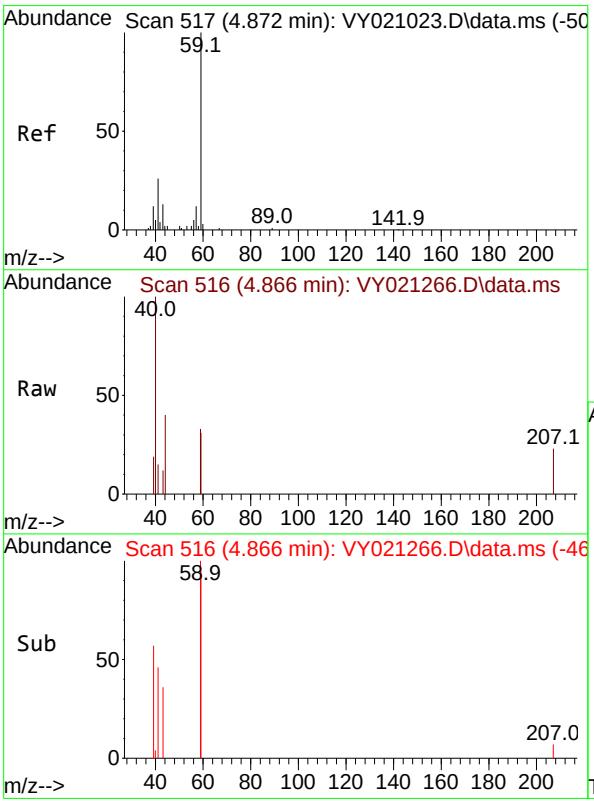
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 9
Delta R.T. 0.007 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 166044

Ion	Ratio	Lower	Upper
168	100		
99	59.1	44.2	66.4

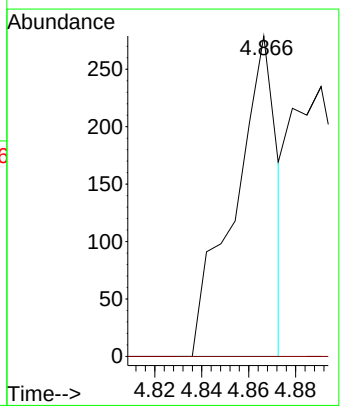


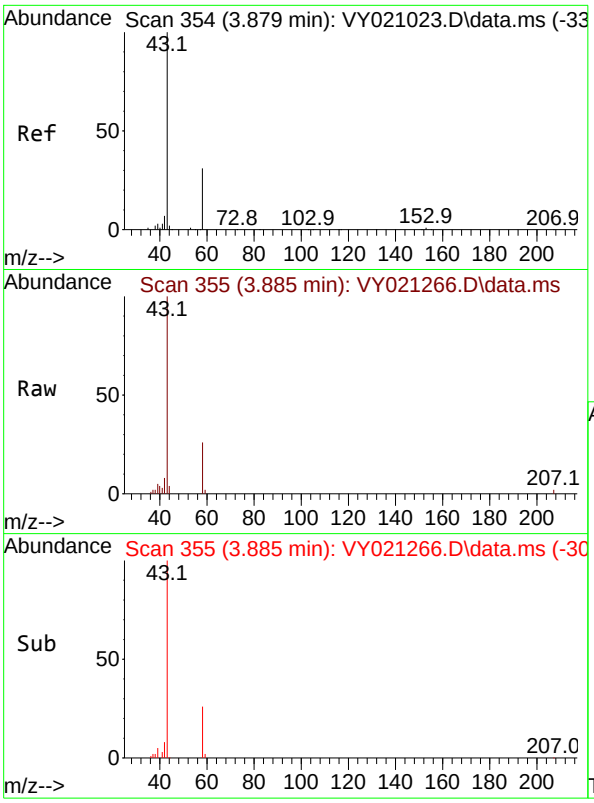


#11
Tert butyl alcohol
Concen: 3.045 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 59 Resp: 351

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#



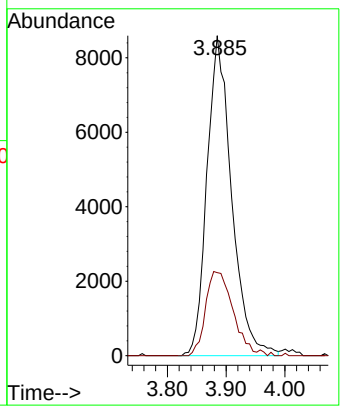


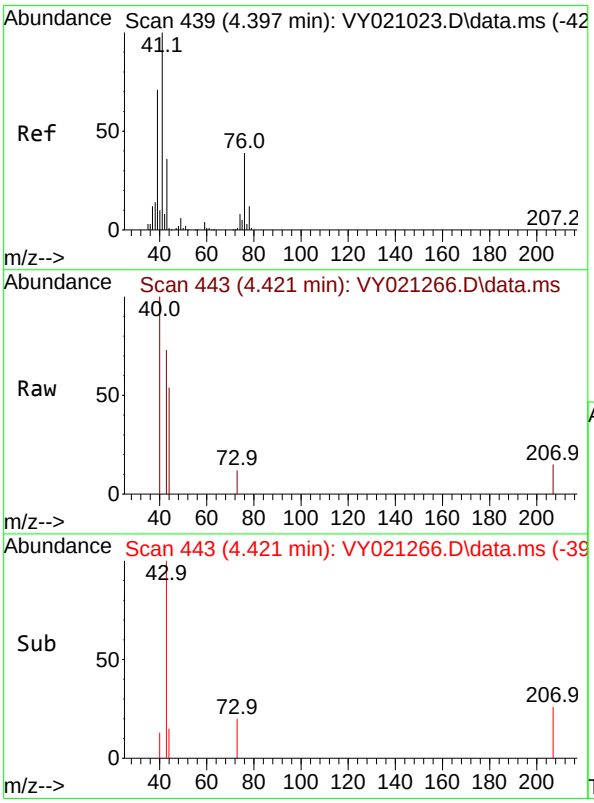
#16
Acetone
Concen: 94.151 ug/l
RT: 3.885 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 24979

Ion	Ratio	Lower	Upper
43	100		
58	25.9	26.6	39.8#

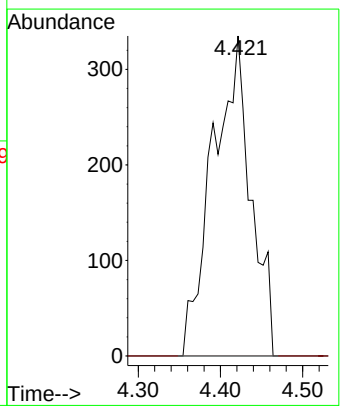


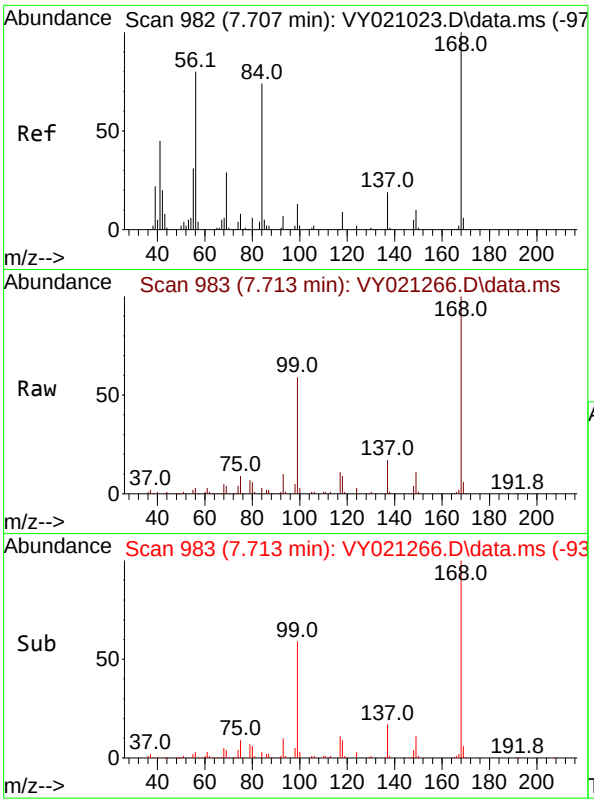


#18
Methyl Acetate
Concen: 1.159 ug/l
RT: 4.421 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 43 Resp: 1079

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.8	29.6#



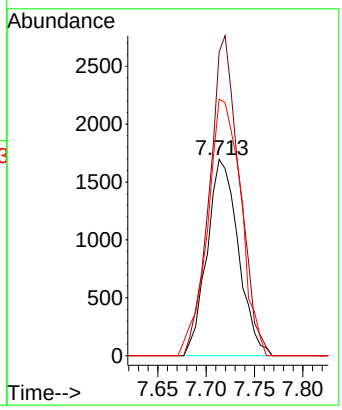


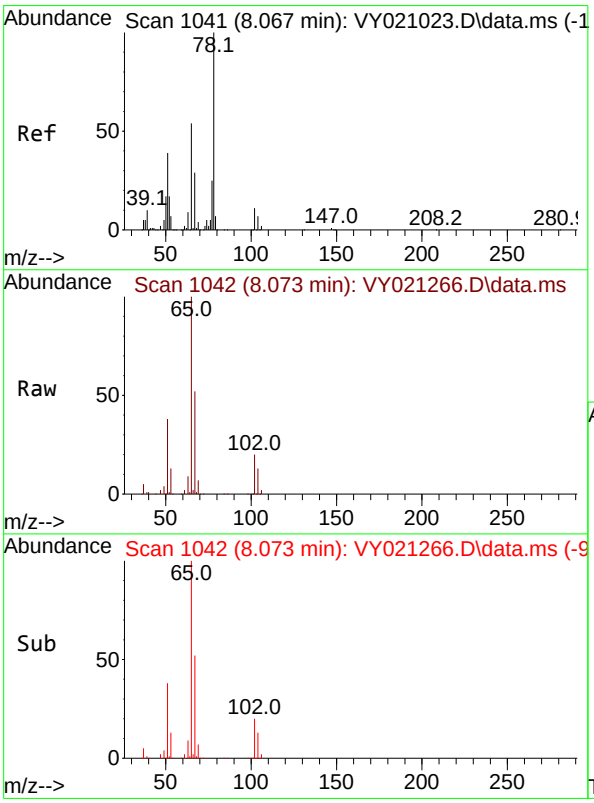
#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3812

Ion	Ratio	Lower	Upper
56	100		
69	154.7	27.0	40.6#
84	130.8	71.8	107.6#

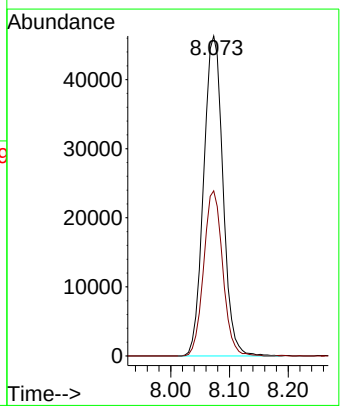


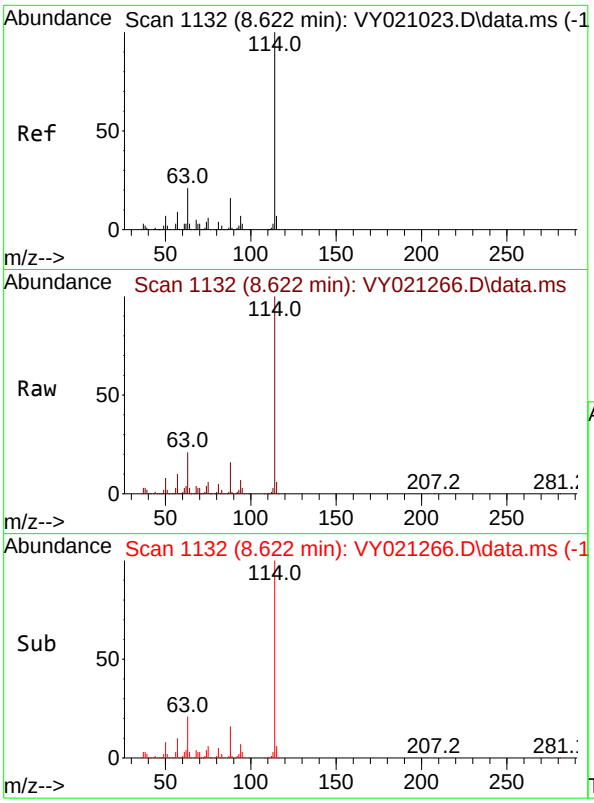


#33
1,2-Dichloroethane-d4
Concen: 62.104 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 65 Resp: 105654

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	109.0



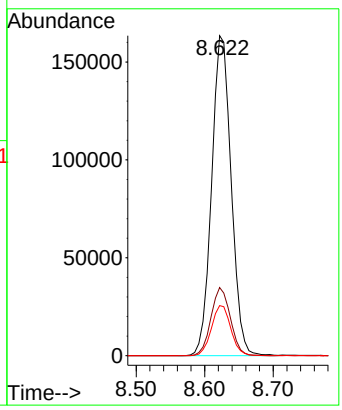


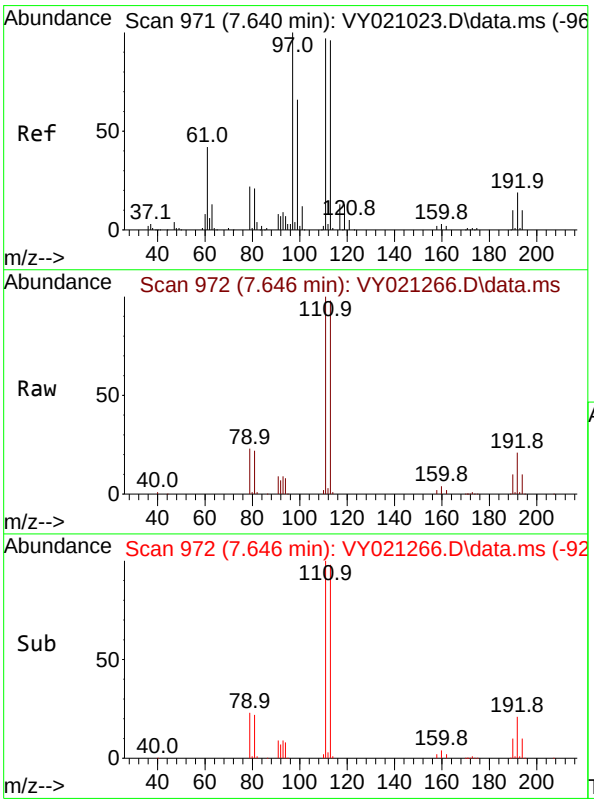
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 323822

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.4
88	15.7	0.0	29.0

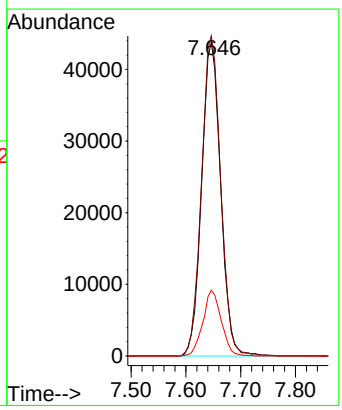


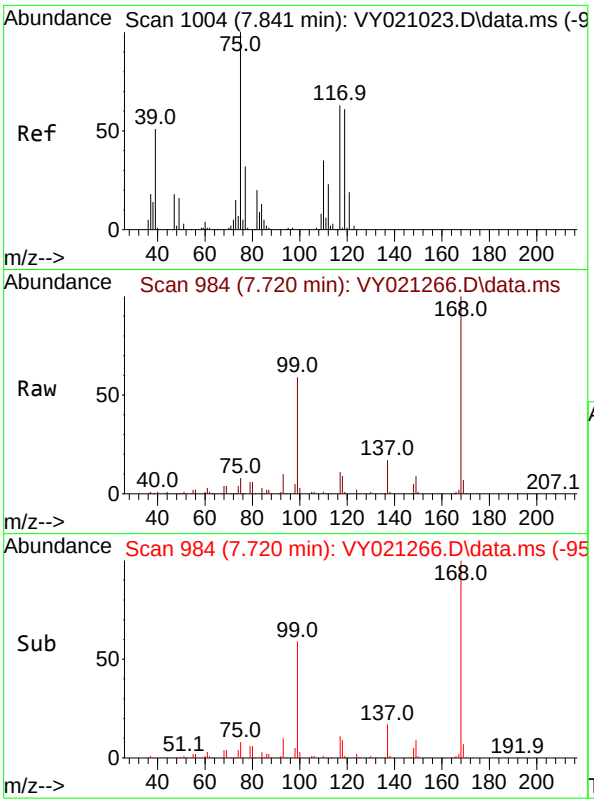


#35
Dibromofluoromethane
Concen: 50.748 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion:113 Resp: 105315

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	20.3	14.5	21.7



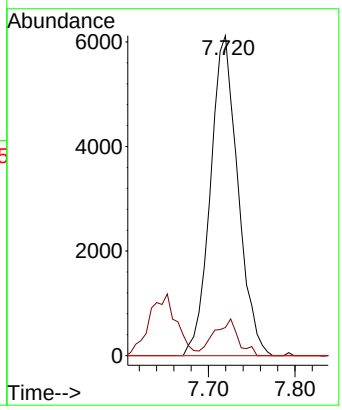


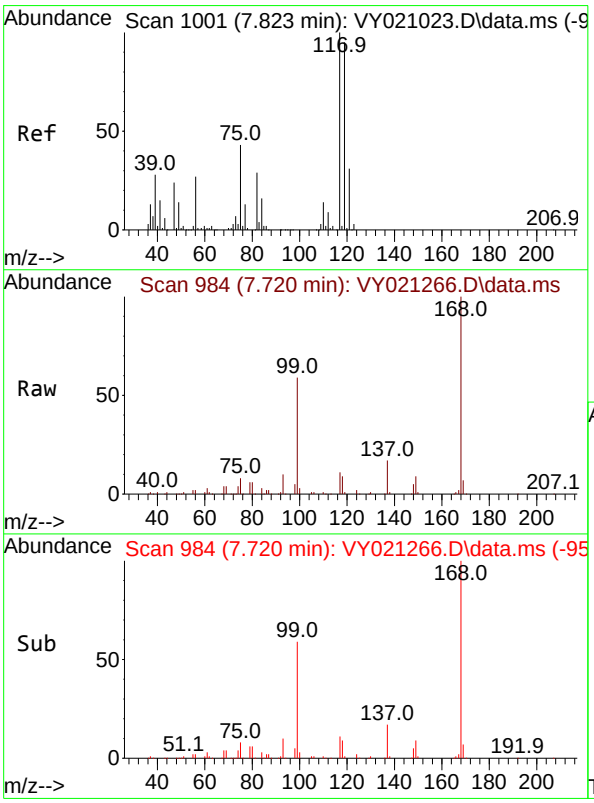
#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 7.720 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13473

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.3#
77	0.0	24.7	37.1#

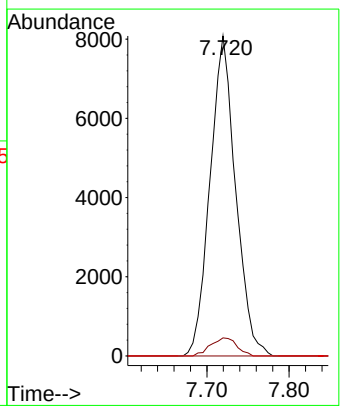


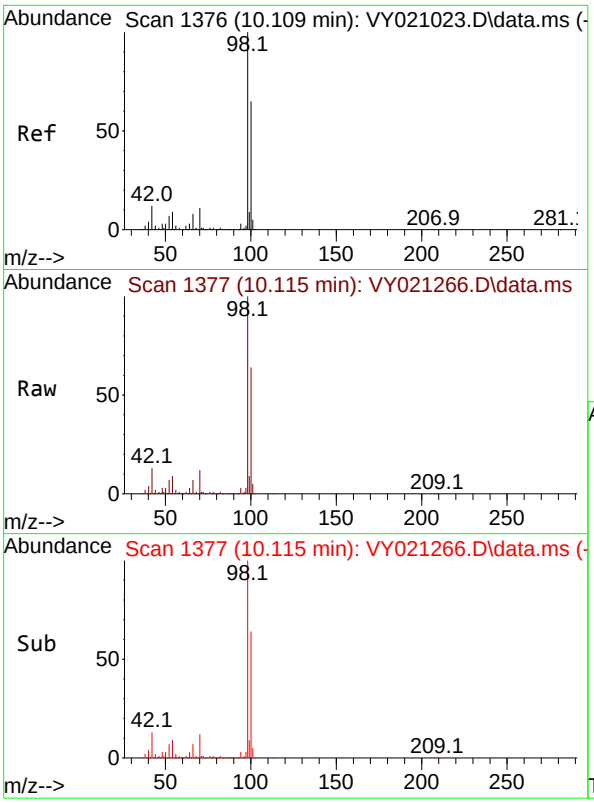


#38
Carbon Tetrachloride
Concen: 4.876 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion:117 Resp: 17512

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.0	114.0#
121	0.0	24.2	36.2#



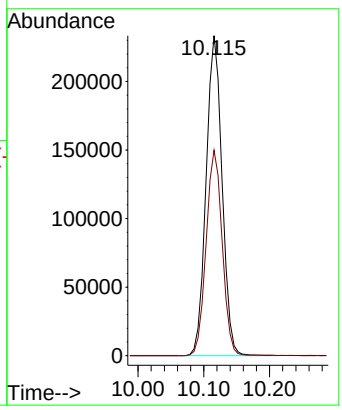


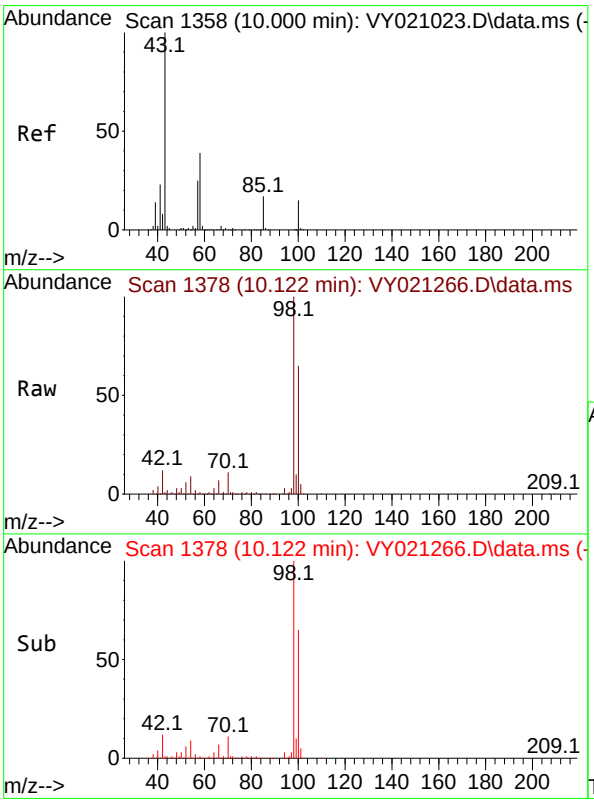
#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 394390

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5

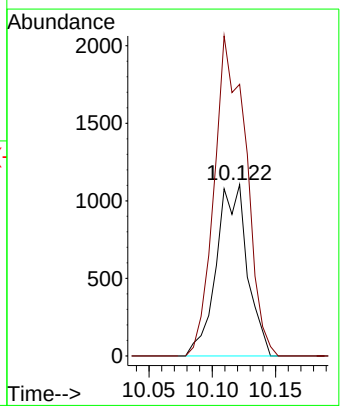


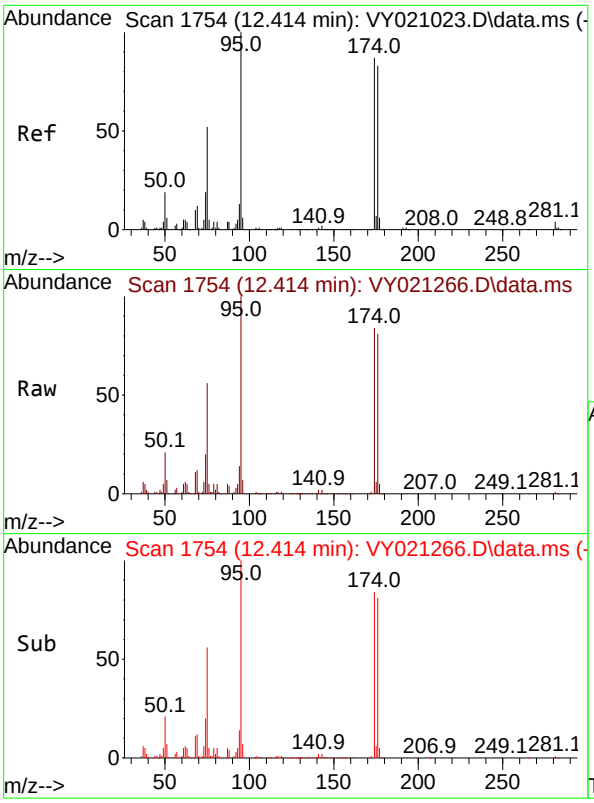


#51
4-Methyl-2-Pentanone
Concen: 1.395 ug/l
RT: 10.122 min Scan# 1378
Delta R.T. 0.122 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 43 Resp: 1880

Ion	Ratio	Lower	Upper
43	100		
58	191.3	32.2	48.2#



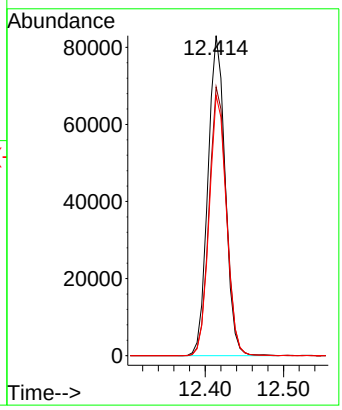


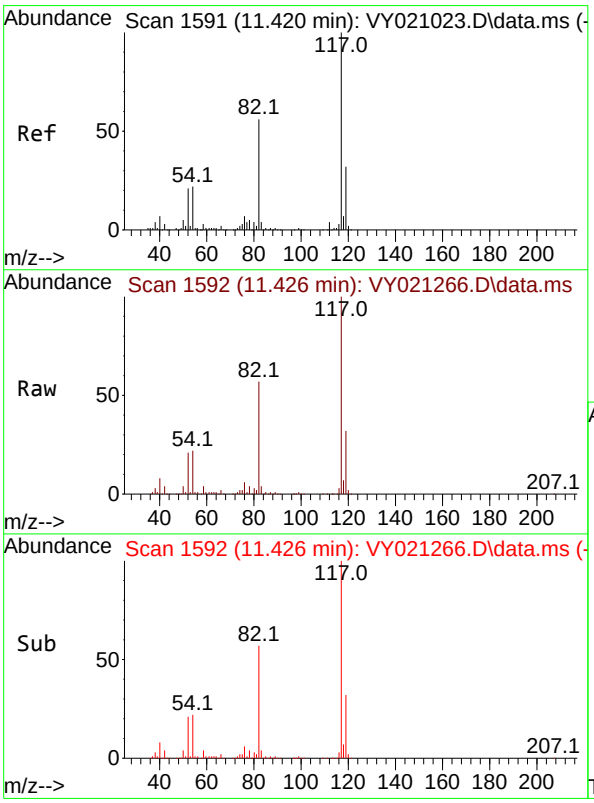
#62
4-Bromofluorobenzene
Concen: 49.133 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 126818

Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	160.0
176	81.4	0.0	151.8

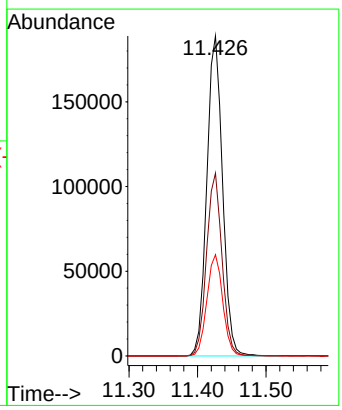


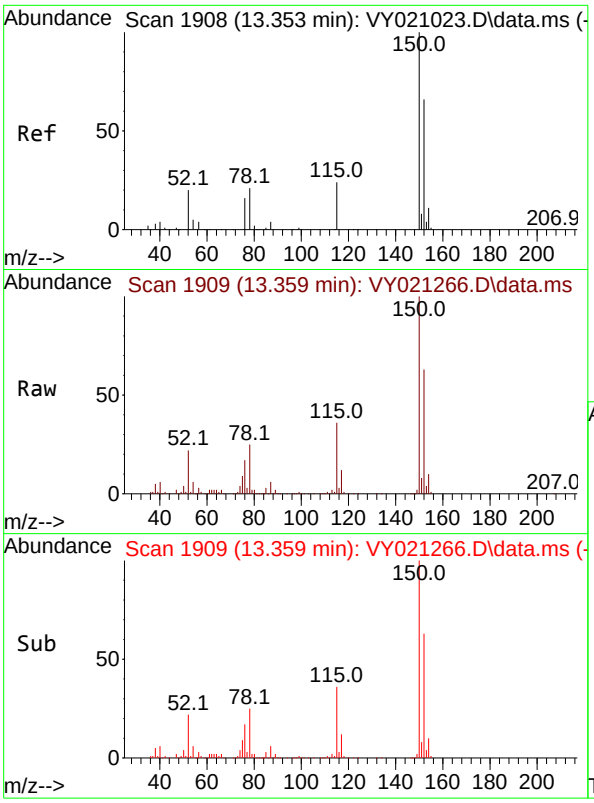


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion:117 Resp: 301695

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.8	65.8
119	31.6	26.5	39.7



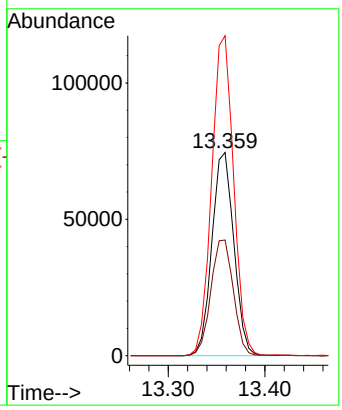


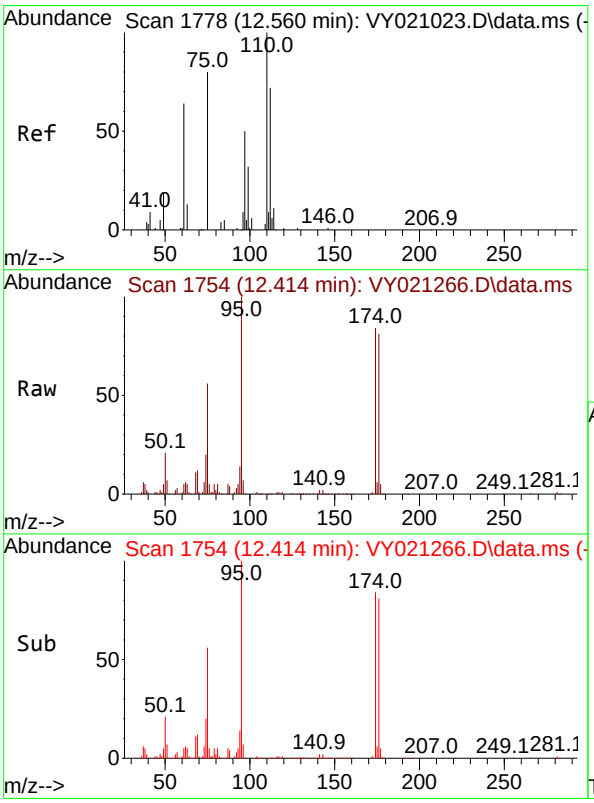
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 117591

Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.0	90.0
150	157.1	0.0	344.6

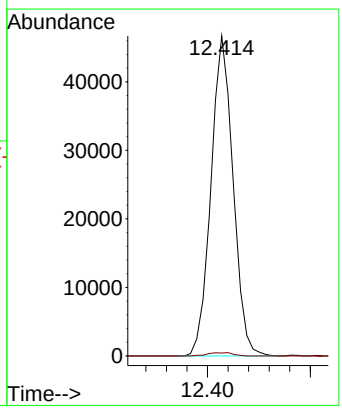


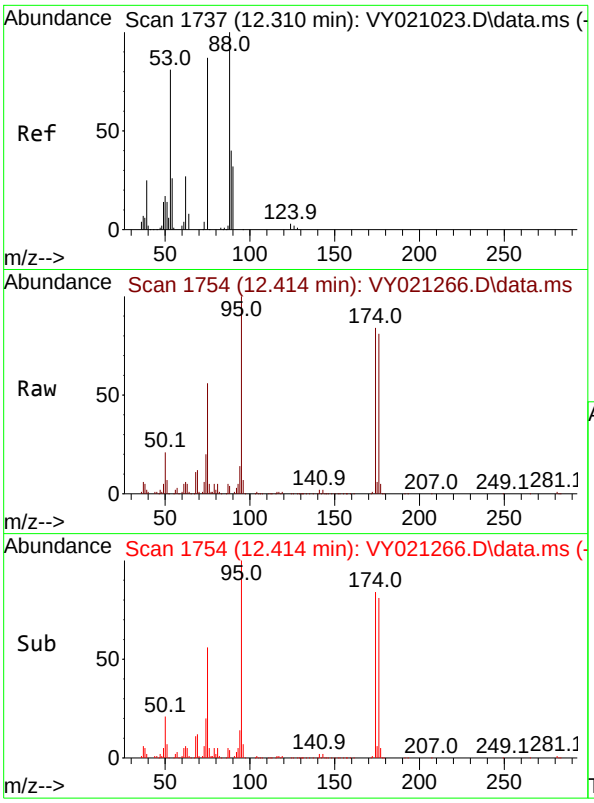


#76
1,2,3-Trichloropropane
Concen: 65.424 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 75 Resp: 69787

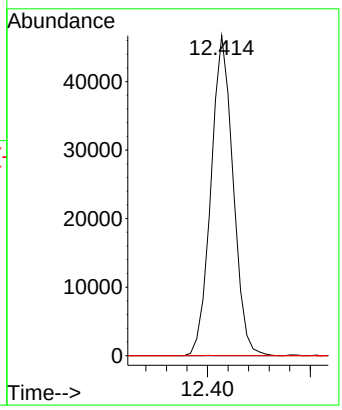
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.495 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69787

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#