Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
Data File : VY022722.D
Acq On : 17 Jun 2025 14:24
Operator : SY/MD
Sample : Q2337-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

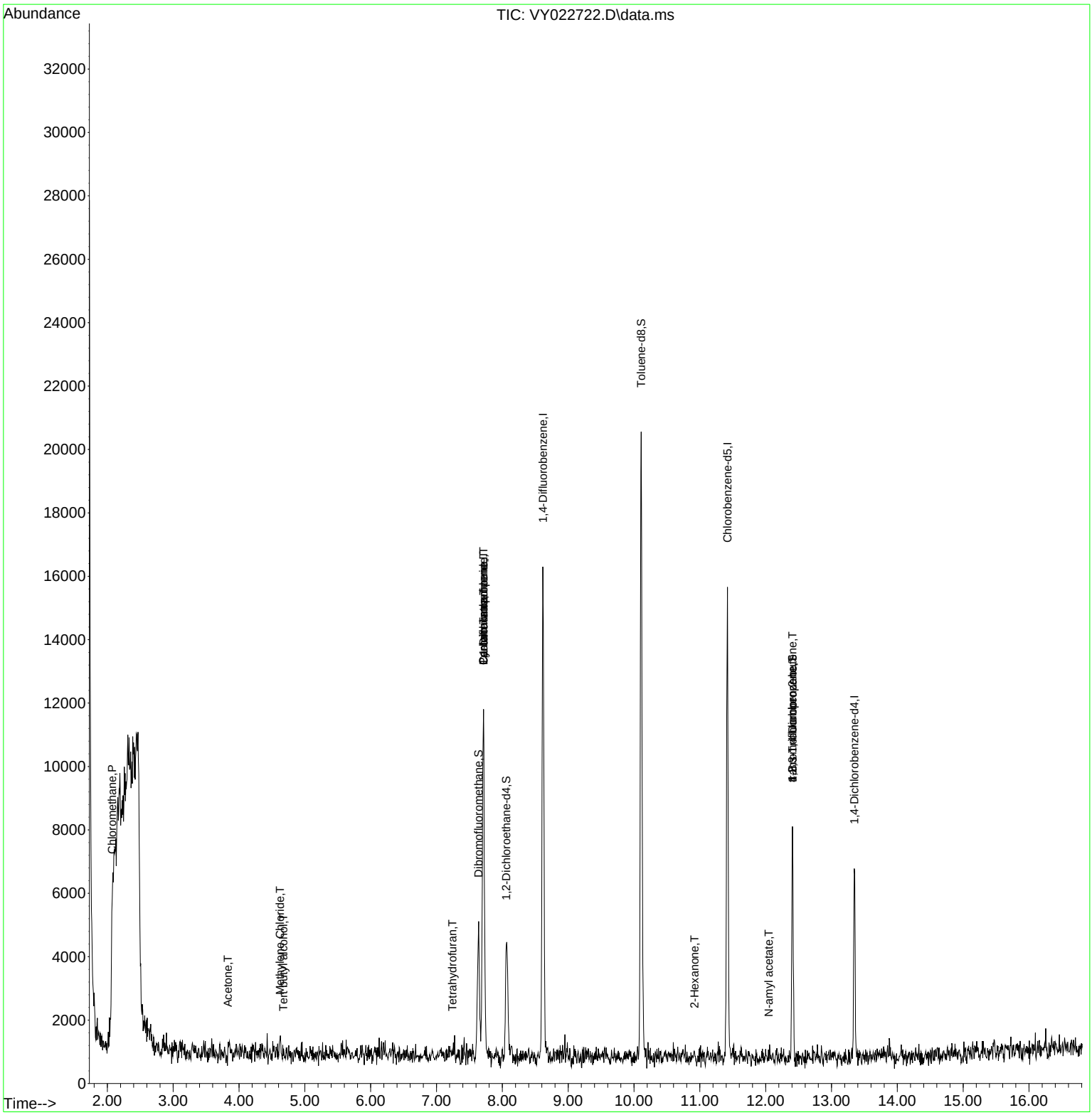
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	8288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	12441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3277	35.352	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 70.700%			
35) Dibromofluoromethane	7.640	113	2906	39.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.260%			
50) Toluene-d8	10.109	98	13404	44.673	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.340%			
62) 4-Bromofluorobenzene	12.408	95	2043	22.853	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 45.700%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	322	1.469	ug/l #	83
11) Tert butyl alcohol	4.671	59	28	4.229	ug/l #	73
16) Acetone	3.830	43	50	2.656	ug/l #	45
20) Methylene Chloride	4.622	84	148	1.384	ug/l #	56
29) Tetrahydrofuran	7.244	42	87	4.968	ug/l #	31
31) Cyclohexane	7.713	56	216	1.213	ug/l #	69
36) 1,1-Dichloropropene	7.713	75	736	6.107	ug/l #	42
38) Carbon Tetrachloride	7.713	117	745	6.026	ug/l #	27
59) 2-Hexanone	10.920	43	98	2.532	ug/l	63
74) N-amyl acetate	12.048	43	34	1.028	ug/l #	43
76) 1,2,3-Trichloropropane	12.408	75	1244	68.131	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	1244	164.533	ug/l #	10

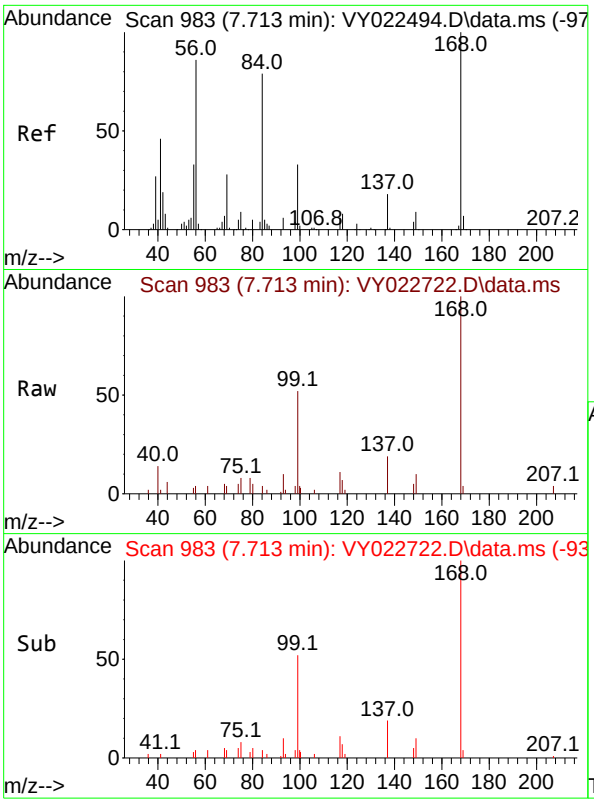
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
Data File : VY022722.D
Acq On : 17 Jun 2025 14:24
Operator : SY/MD
Sample : Q2337-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

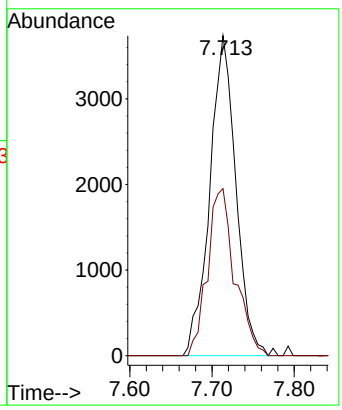


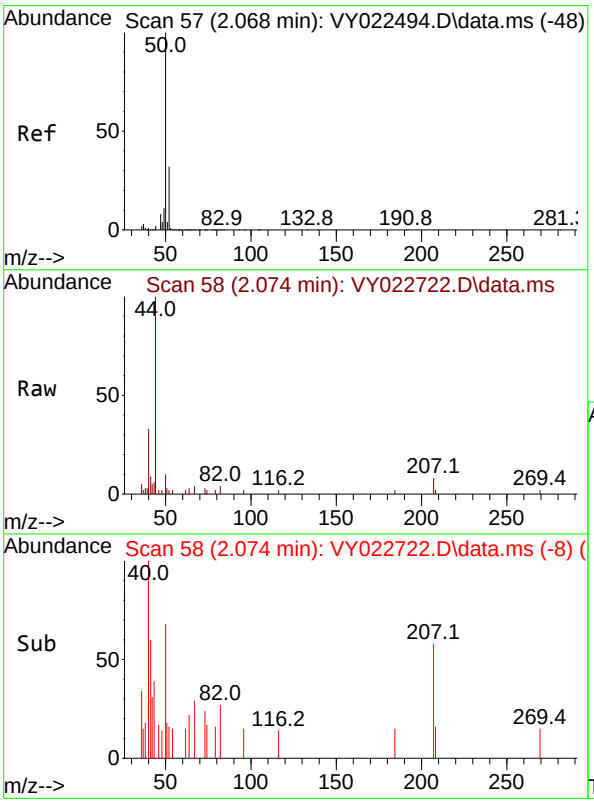


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:168 Resp: 8288

Ion	Ratio	Lower	Upper
168	100		
99	52.2	44.3	66.5

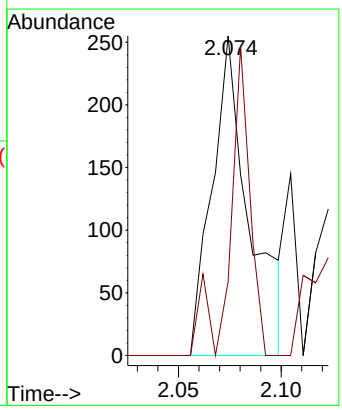


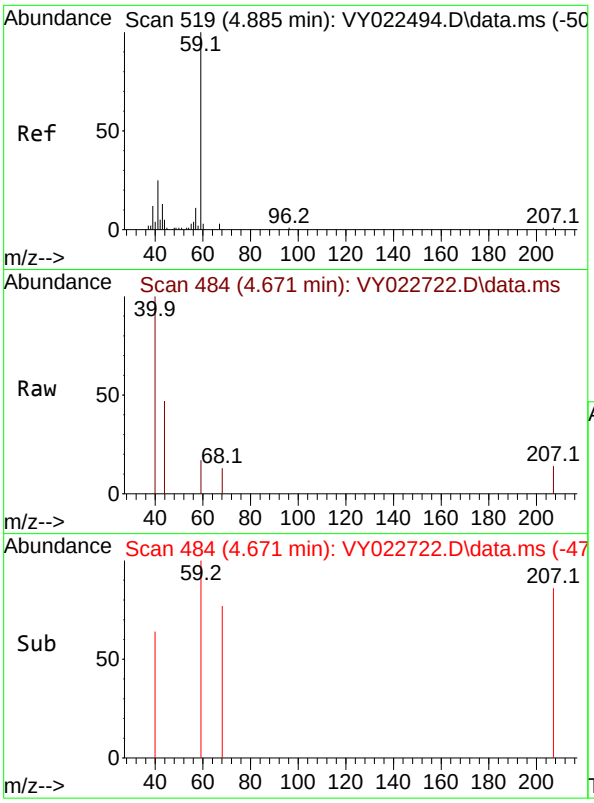


#3
Chloromethane
Concen: 1.469 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 50 Resp: 322

Ion	Ratio	Lower	Upper
50	100		
52	23.1	26.0	39.0#

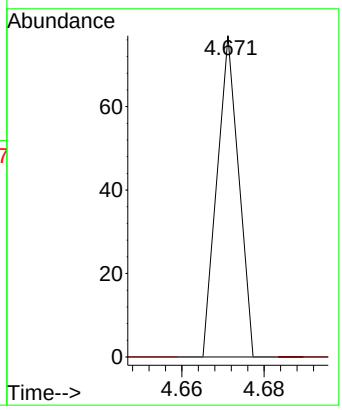


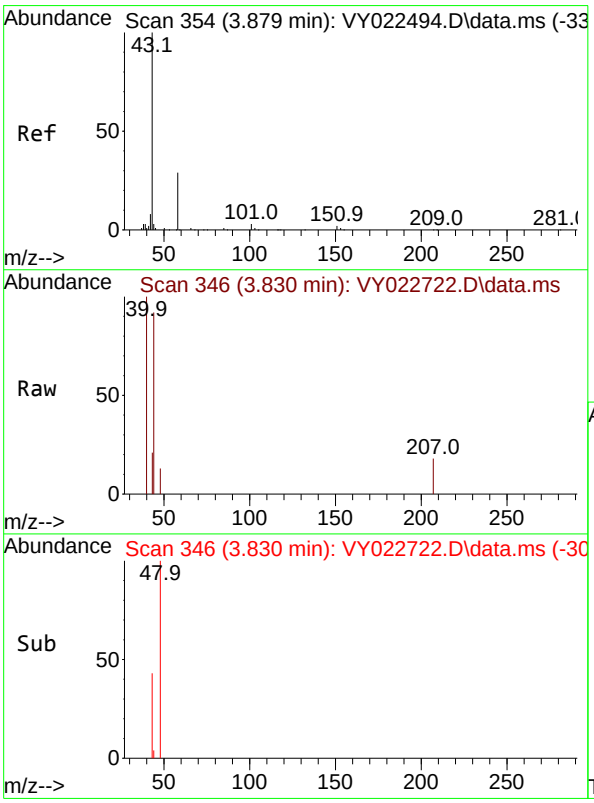


#11
Tert butyl alcohol
Concen: 4.229 ug/l
RT: 4.671 min Scan# 484
Delta R.T. -0.213 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 59 Resp: 28

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

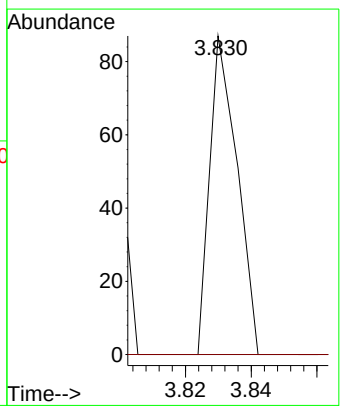


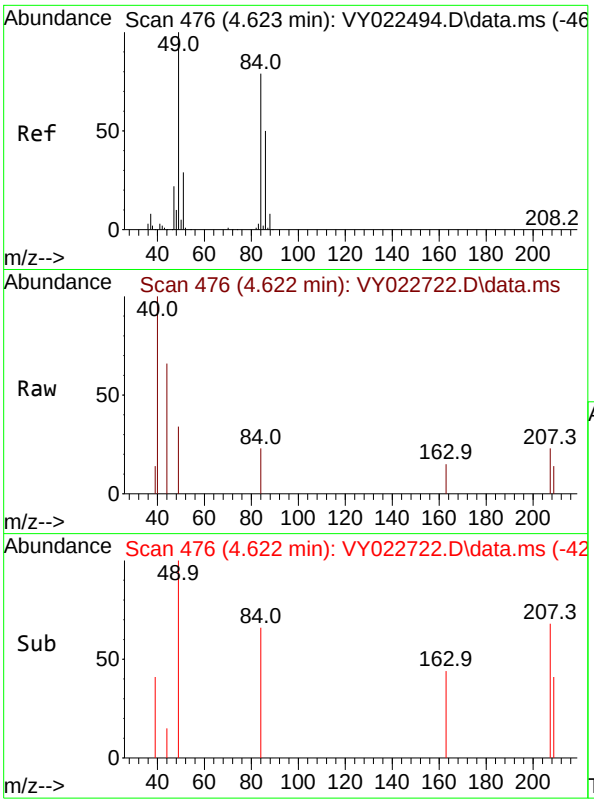


#16
Acetone
Concen: 2.656 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.049 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 43 Resp: 50

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.0	36.0#

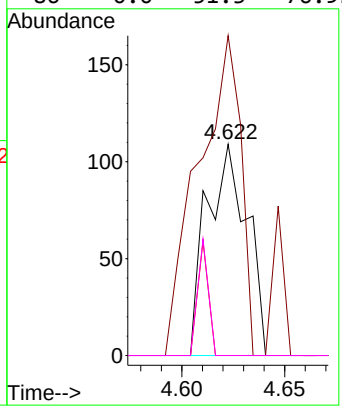


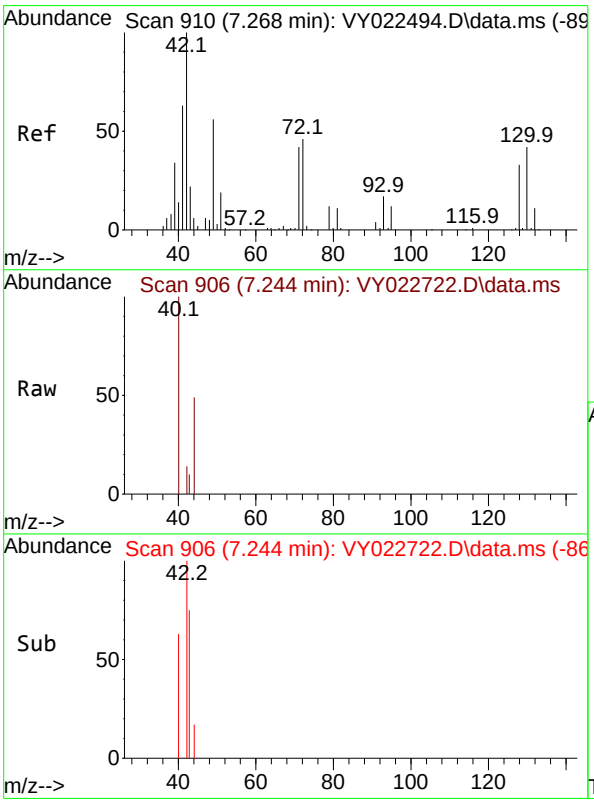


#20
Methylene Chloride
Concen: 1.384 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 84 Resp: 148

Ion	Ratio	Lower	Upper
84	100		
49	105.5	101.9	152.9
51	0.0	29.8	44.8#
86	0.0	51.3	76.9#

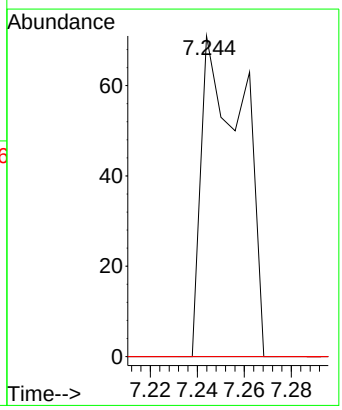


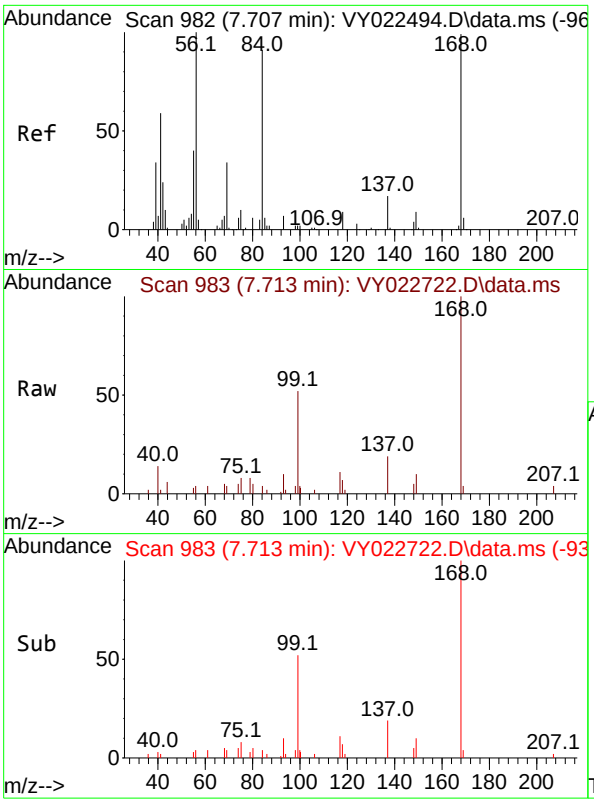


#29
Tetrahydrofuran
Concen: 4.968 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.024 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 42 Resp: 87

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.2#
71	0.0	34.2	51.2#

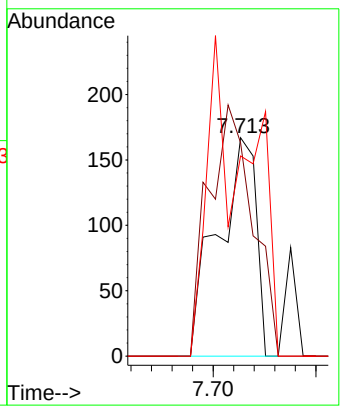


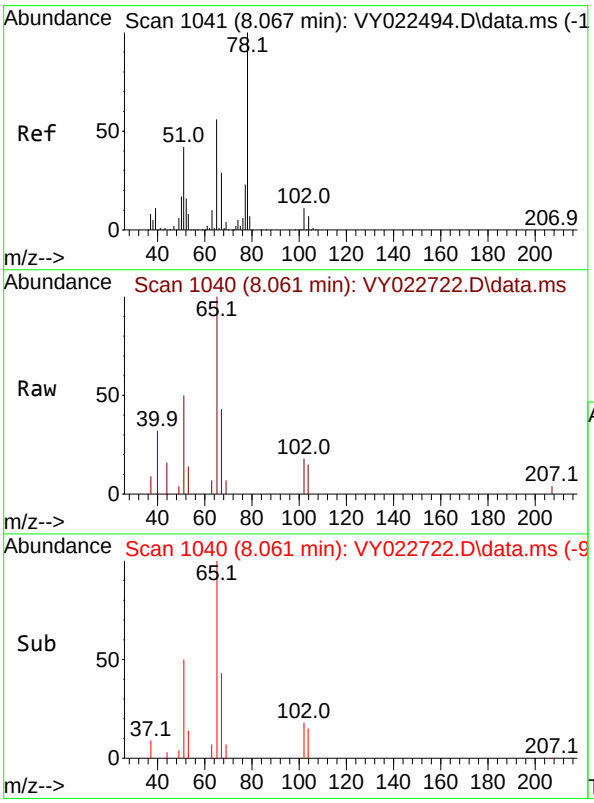


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 56 Resp: 216

Ion	Ratio	Lower	Upper
56	100		
69	97.6	27.0	40.6#
84	91.6	72.6	109.0

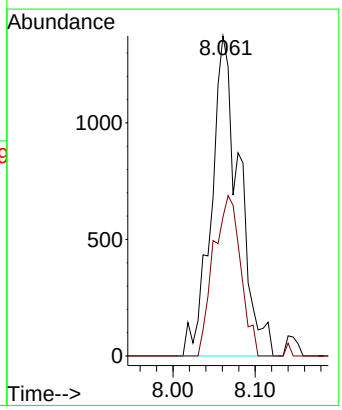


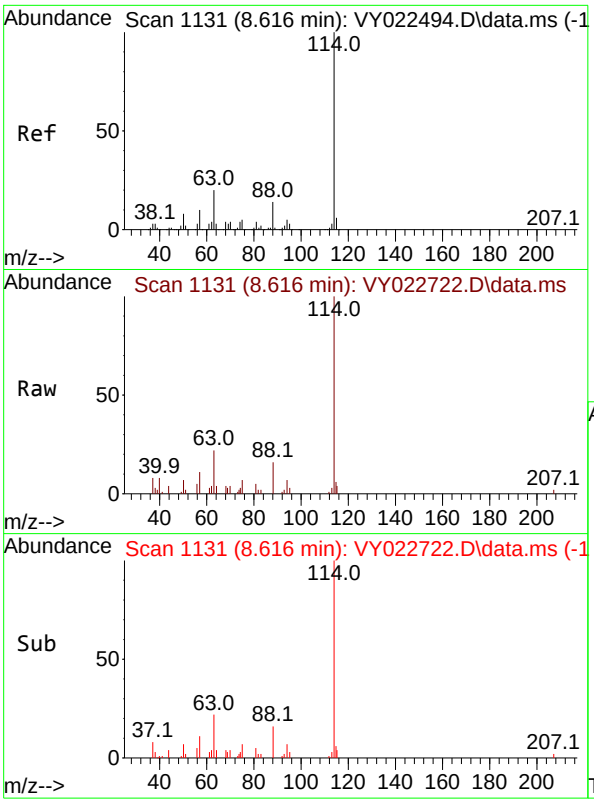


#33
1,2-Dichloroethane-d4
Concen: 35.352 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 65 Resp: 3277

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	103.4

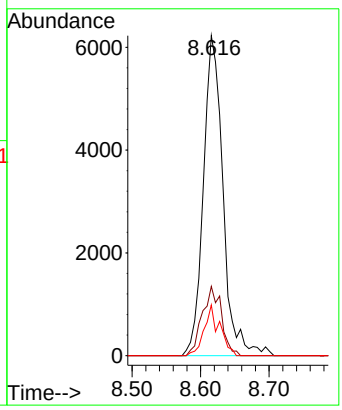


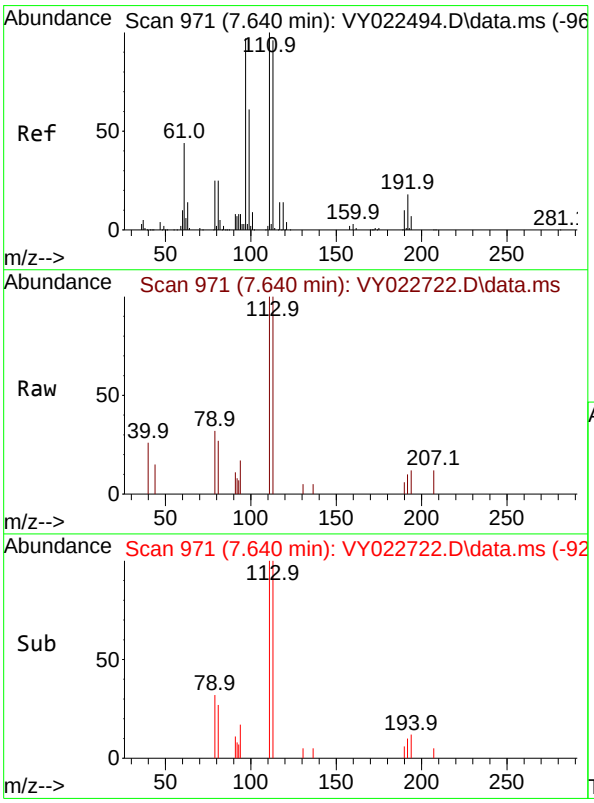


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:114 Resp: 12441

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.8
88	15.8	0.0	27.8

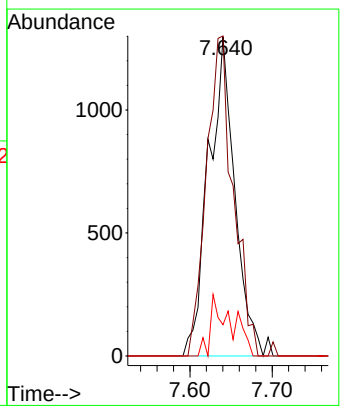


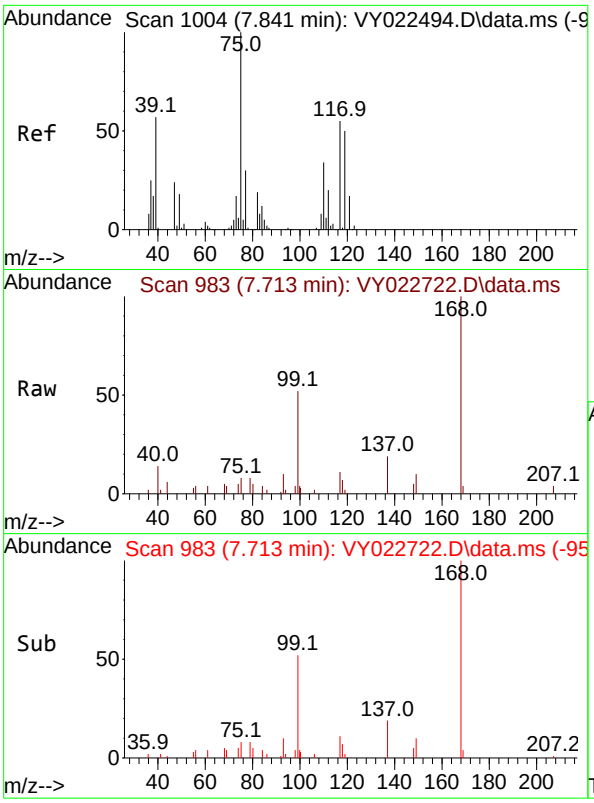


#35
Dibromofluoromethane
Concen: 39.134 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:113 Resp: 2906

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.1	121.7
192	10.8	14.2	21.2#

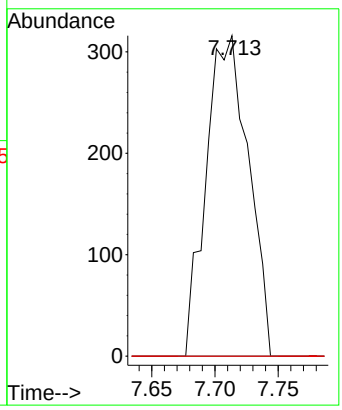


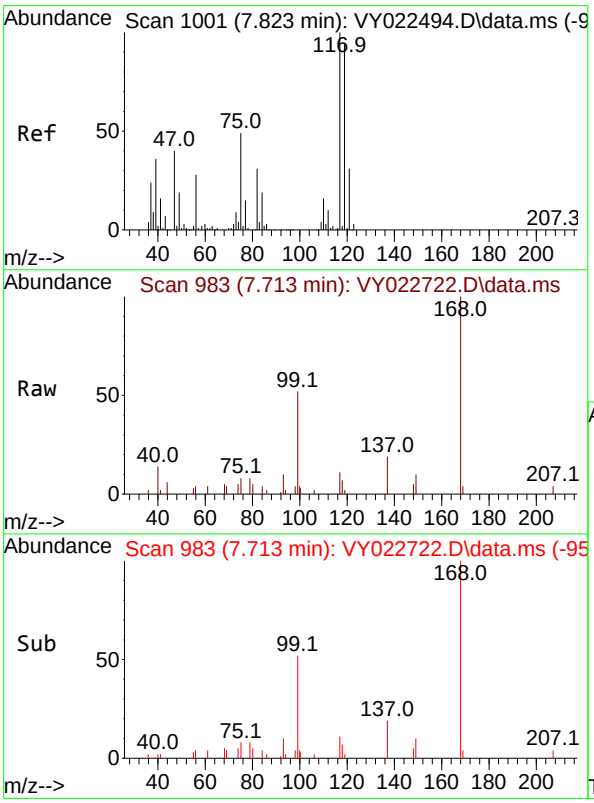


#36
1,1-Dichloropropene
Concen: 6.107 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 75 Resp: 736

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.9	50.7#
77	0.0	24.8	37.2#

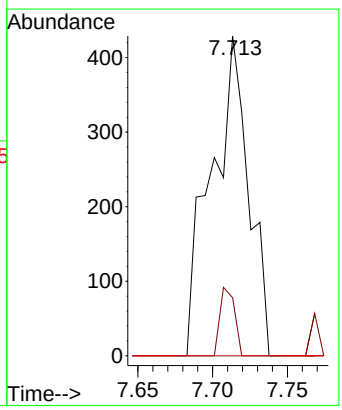


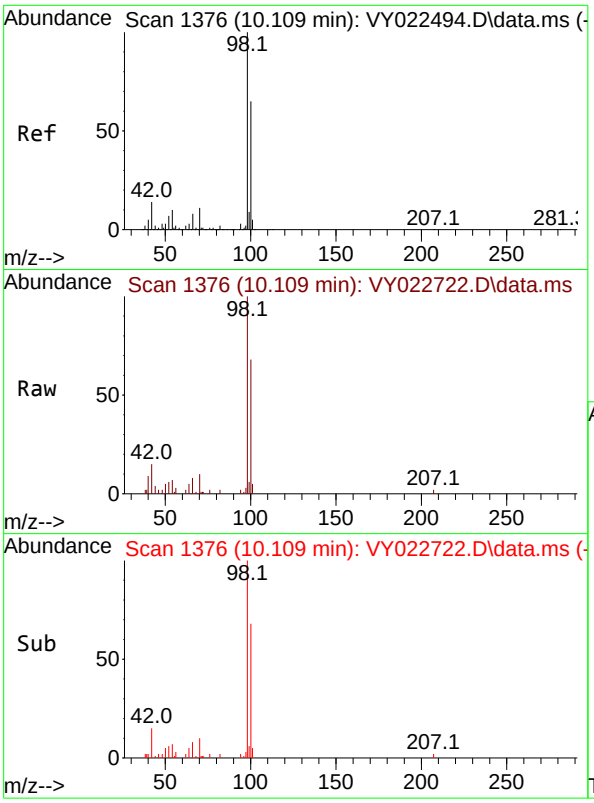


#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:117 Resp: 745

Ion	Ratio	Lower	Upper
117	100		
119	18.2	75.0	112.6#
121	0.0	25.0	37.4#

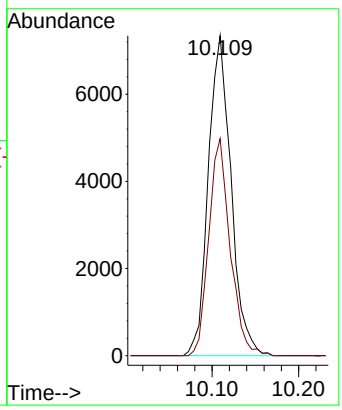


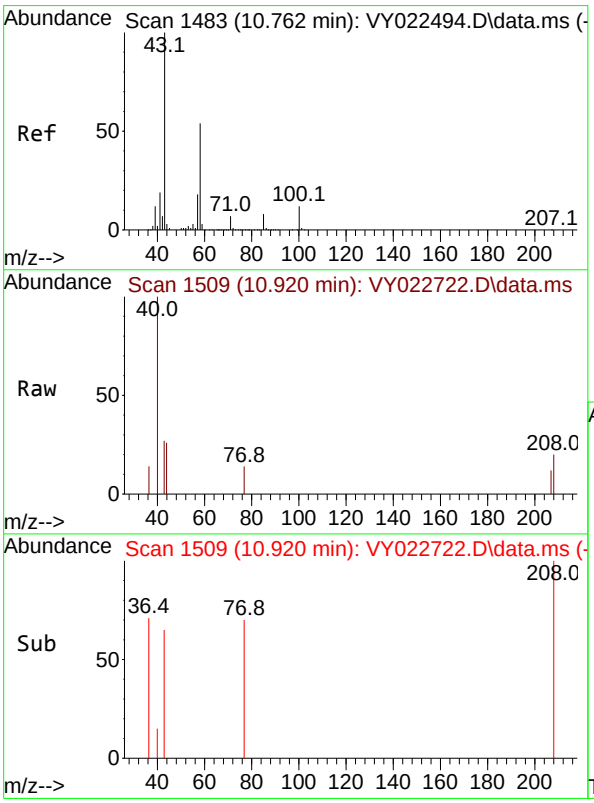


#50
Toluene-d8
Concen: 44.673 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 98 Resp: 13404

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0

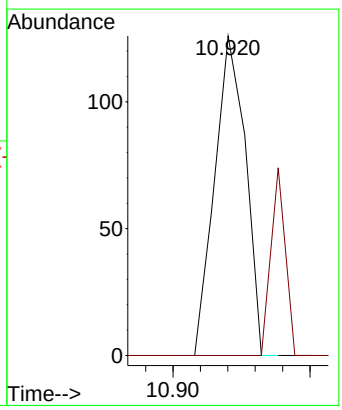


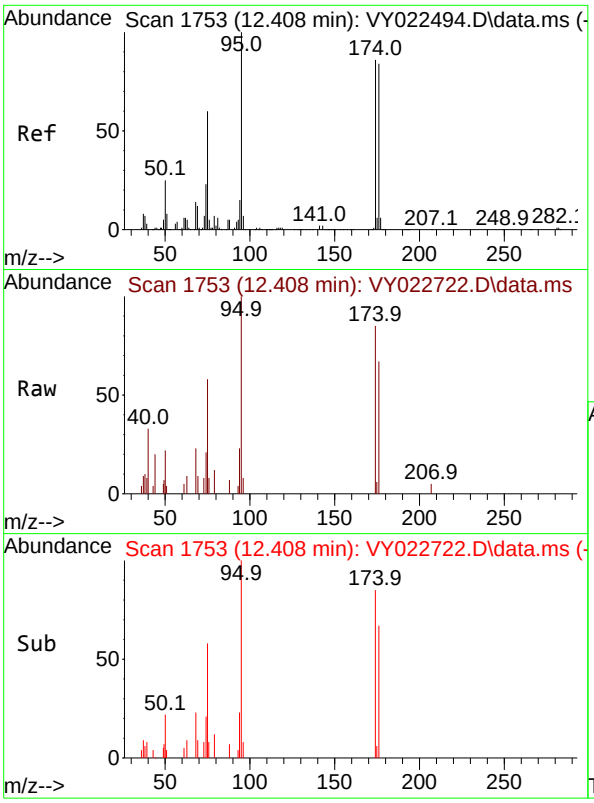


#59
2-Hexanone
Concen: 2.532 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.158 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 43 Resp: 98

Ion	Ratio	Lower	Upper
43	100		
58	27.6	27.3	81.8

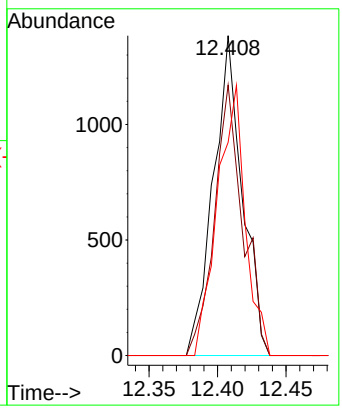


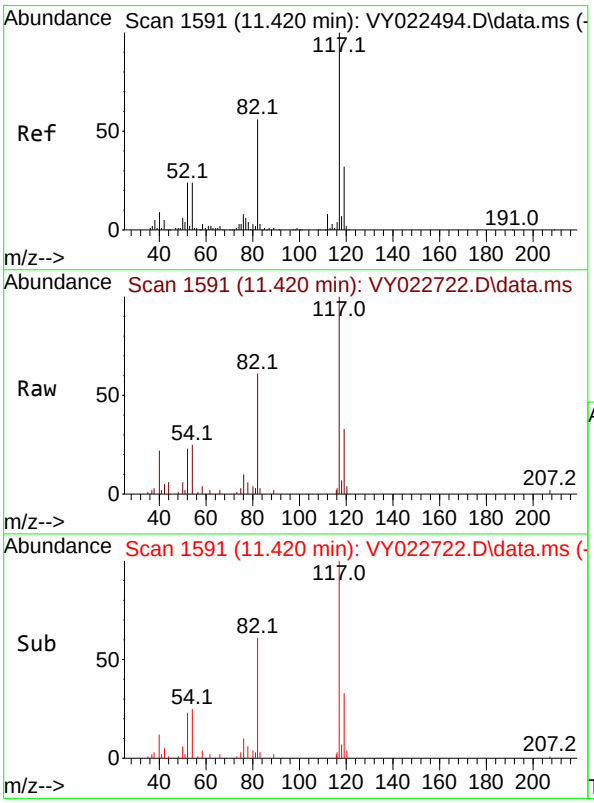


#62
4-Bromofluorobenzene
Concen: 22.853 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 95 Resp: 2043

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	170.0
176	81.3	0.0	166.2

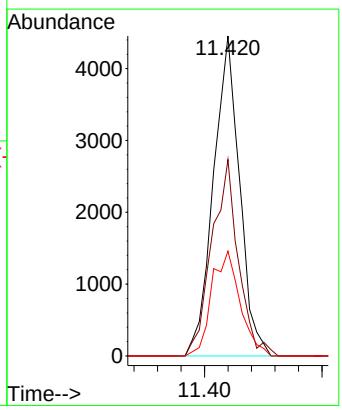


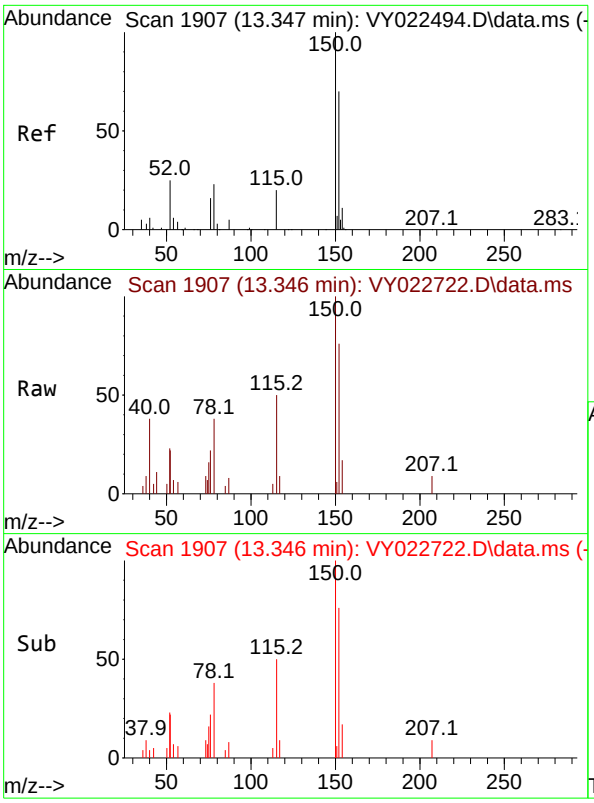


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:117 Resp: 6900

Ion	Ratio	Lower	Upper
117	100		
82	61.4	44.6	66.8
119	32.7	25.4	38.0

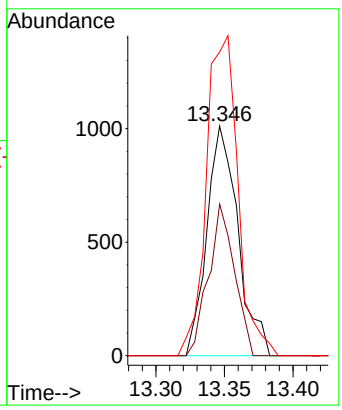


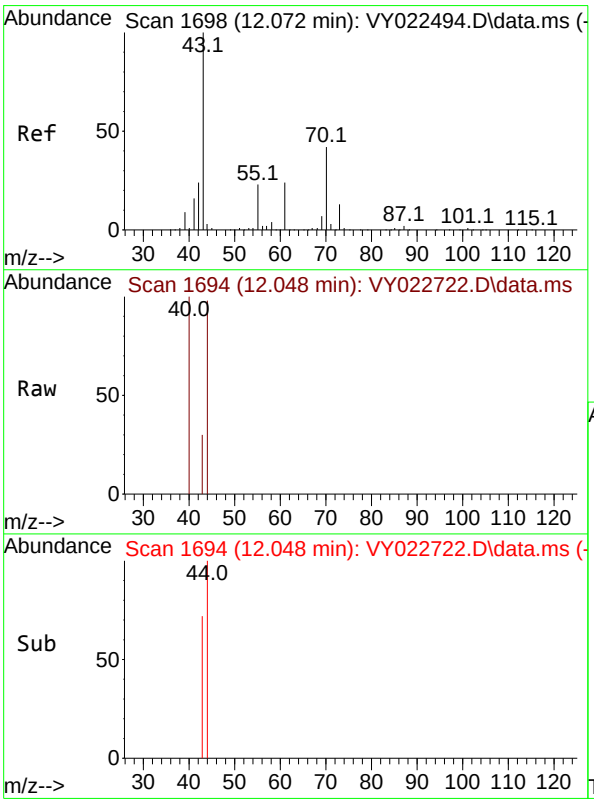


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion:152 Resp: 1596

Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.9	86.7
150	141.5	0.0	349.6

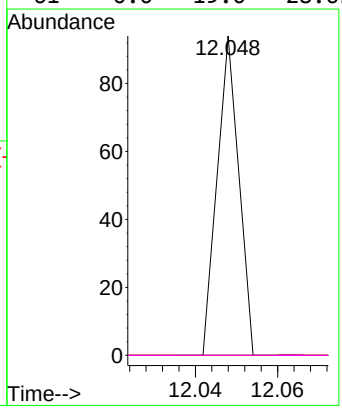


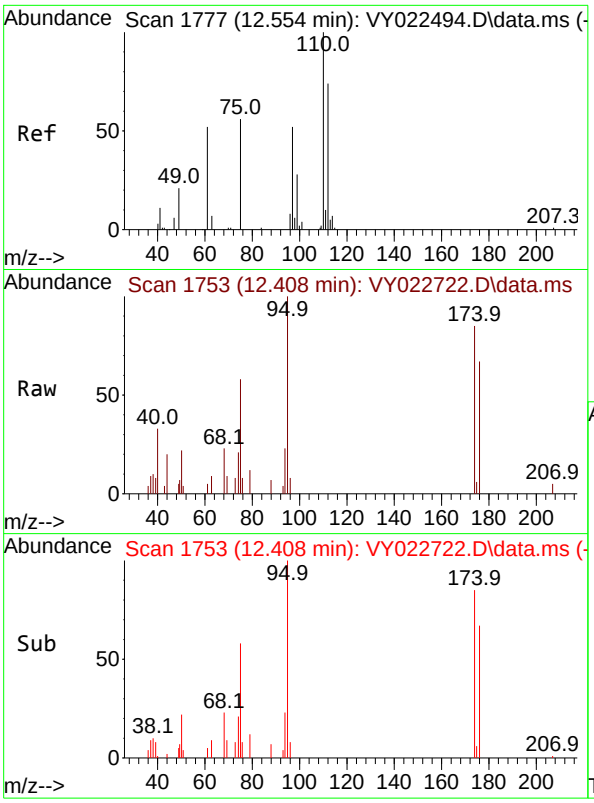


#74
N-amyl acetate
Concen: 1.028 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.024 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 43 Resp: 34

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	0.0	18.2	27.4#
61	0.0	19.0	28.6#

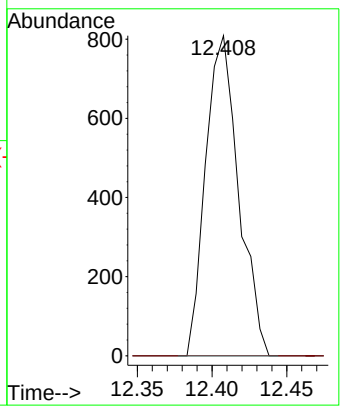


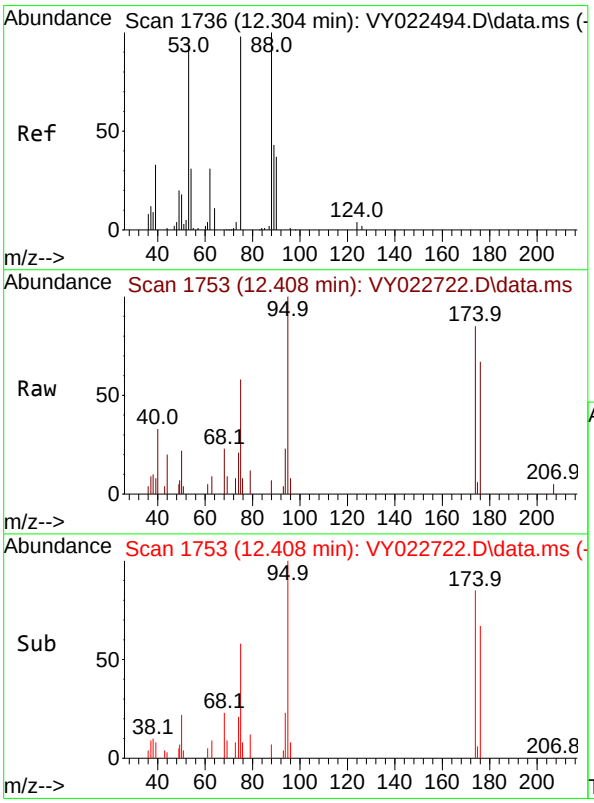


#76
1,2,3-Trichloropropane
Concen: 68.131 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 75 Resp: 1244

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 164.533 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022722.D
Acq: 17 Jun 2025 14:24

Tgt Ion: 75 Resp: 1244

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	35.7	53.5#