Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
Data File : VY023617.D
Acq On : 29 Oct 2025 12:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Oct 30 03:16:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	632127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1042386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	858848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	331788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	271426	51.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.700%			
35) Dibromofluoromethane	7.634	113	324562	50.673	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.340%			
50) Toluene-d8	10.109	98	1181944	49.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.408	95	319952	40.629	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	425	1.081	ug/l #	72
16) Acetone	3.879	43	1345	1.069	ug/l #	73
20) Methylene Chloride	4.610	84	15109	2.220	ug/l #	95
25) 2-Butanone	6.890	43	1540	1.002	ug/l #	40
31) Cyclohexane	7.713	56	11433	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	41226	4.862	ug/l #	48
38) Carbon Tetrachloride	7.713	117	57813	5.623	ug/l #	16
49) 1,4-Dioxane	9.006	88	65	1.495	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	155288	53.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	155288	130.086	ug/l #	15

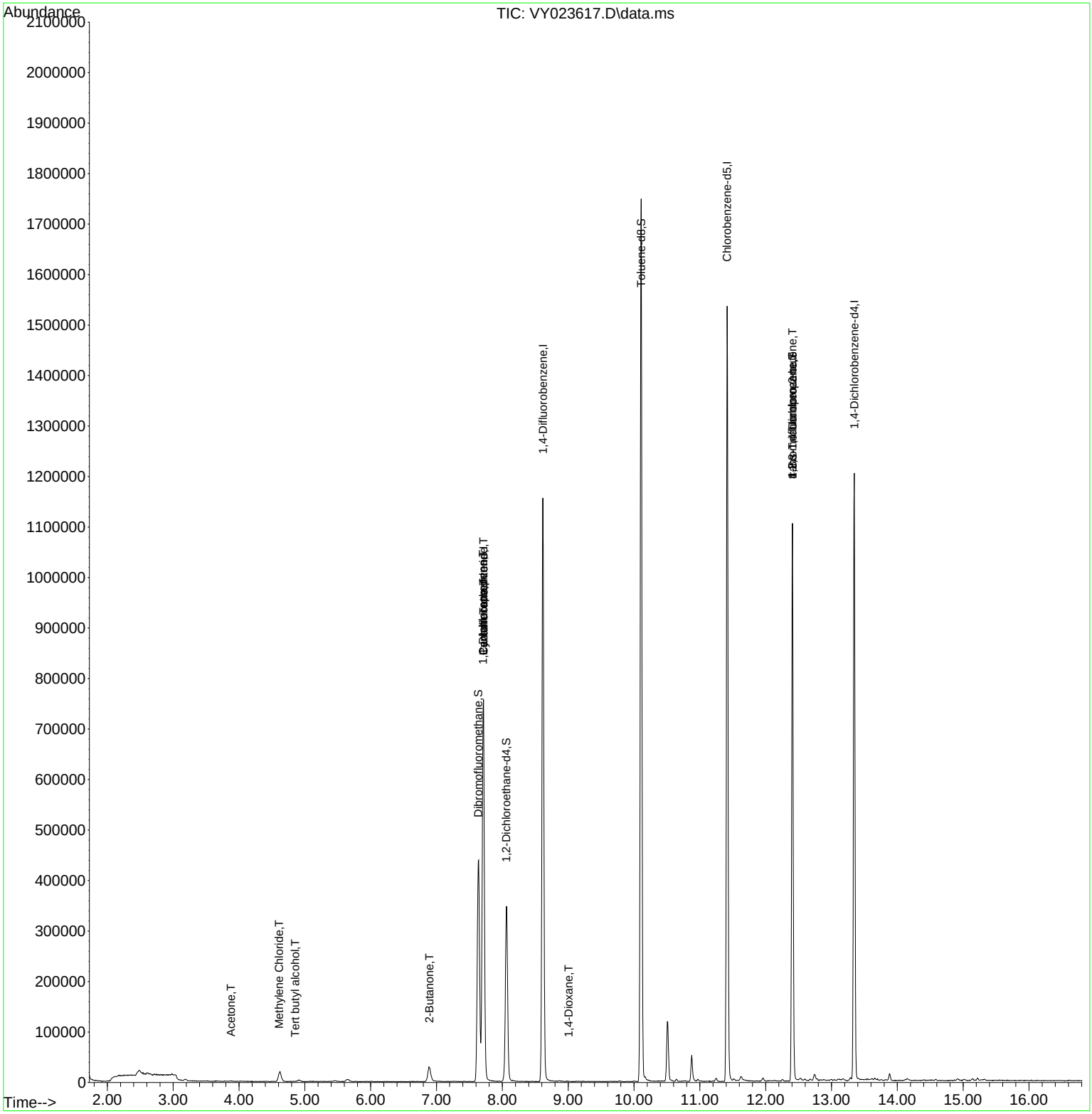
(#) = qualifier out of range (m) = manual integration (+) = signals summed

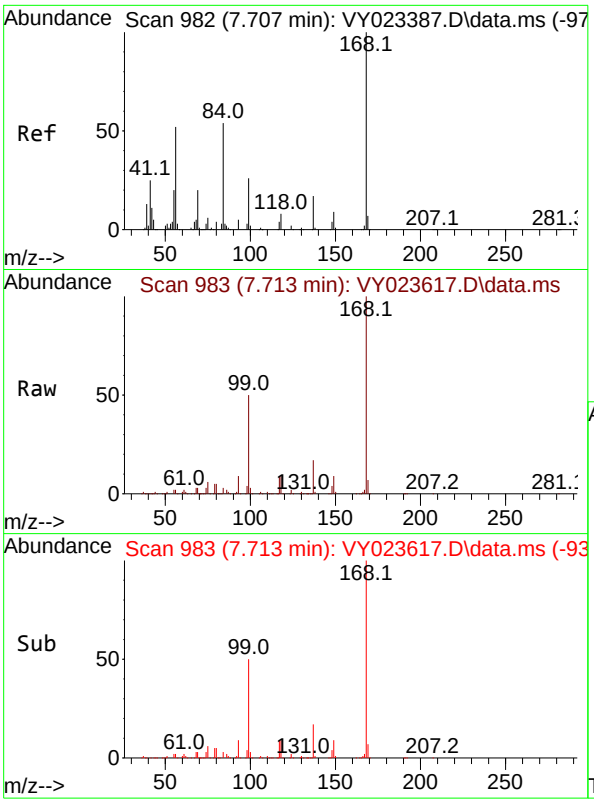
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102925\
Data File : VY023617.D
Acq On : 29 Oct 2025 12:02
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Oct 30 03:16:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



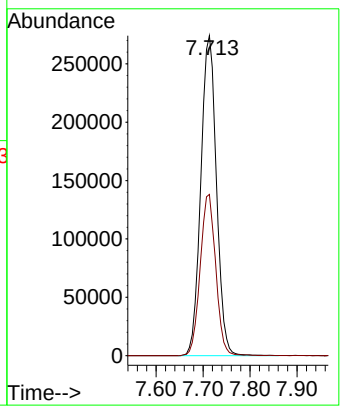


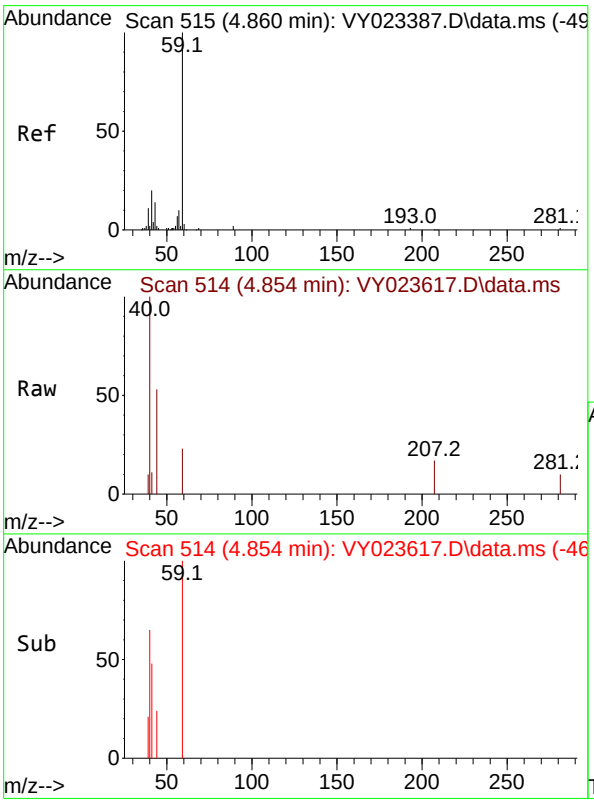
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 632127

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.7	59.5

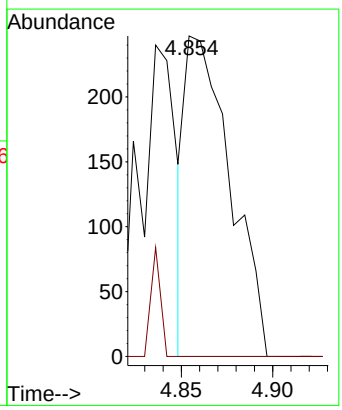


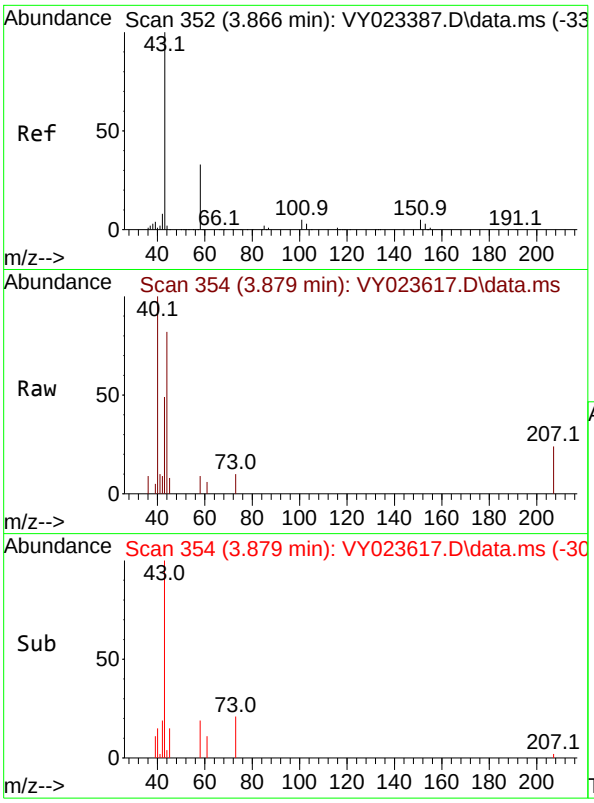


#11
Tert butyl alcohol
Concen: 1.081 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 59 Resp: 425

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



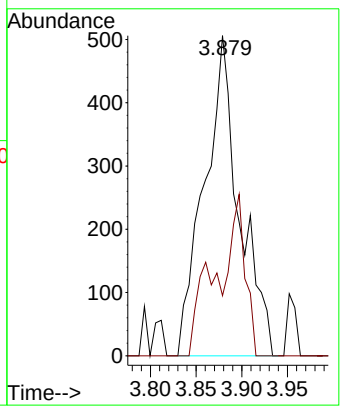


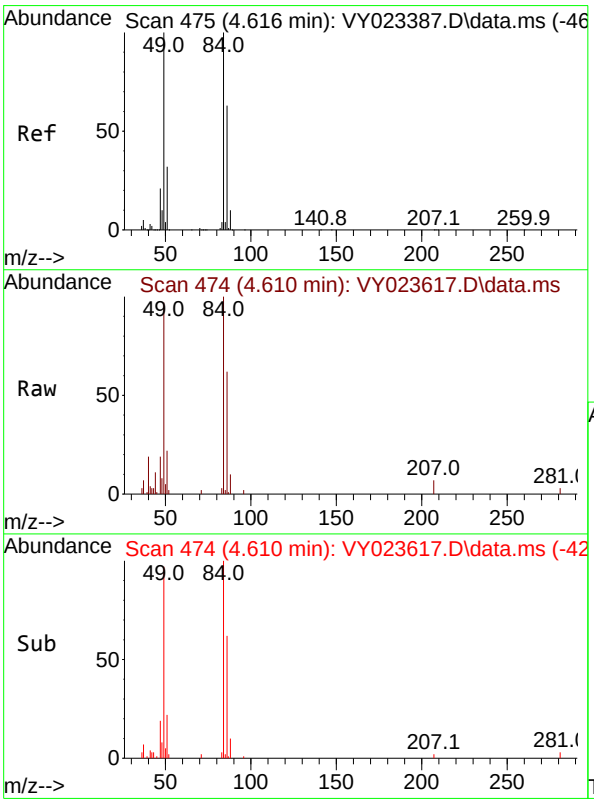
#16
Acetone
Concen: 1.069 ug/l
RT: 3.879 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1345

Ion	Ratio	Lower	Upper
43	100		
58	18.8	27.7	41.5#

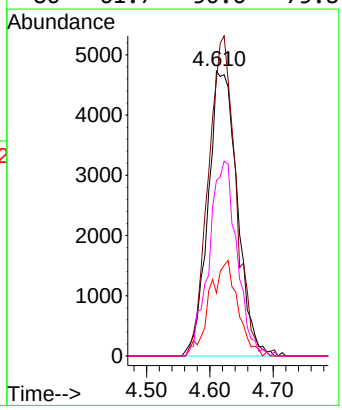


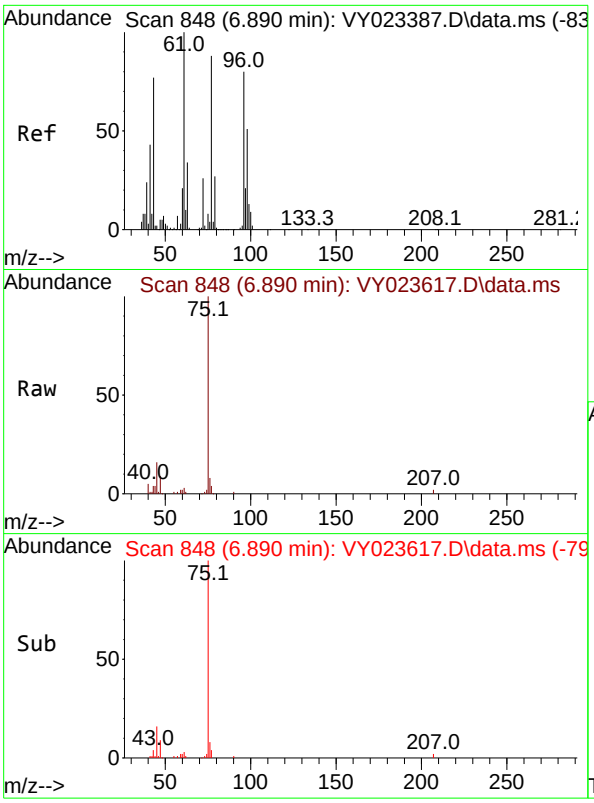


#20
Methylene Chloride
Concen: 2.220 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 84 Resp: 15109

Ion	Ratio	Lower	Upper
84	100		
49	96.9	80.2	120.4
51	22.1	25.9	38.9#
86	61.7	50.6	75.8



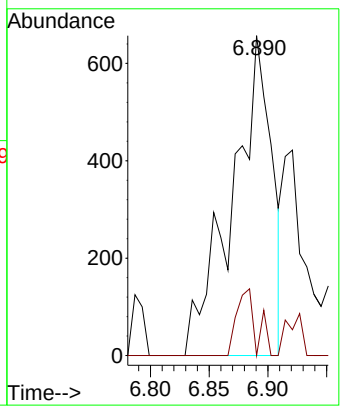


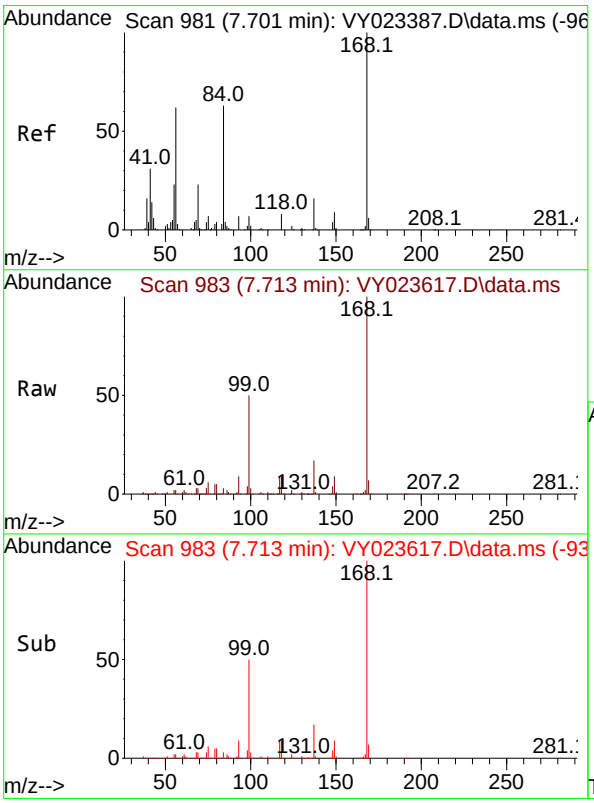
#25
2-Butanone
Concen: 1.002 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.4	41.2#

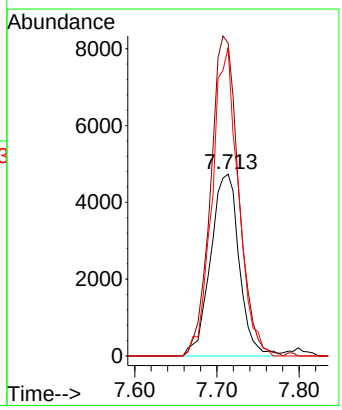


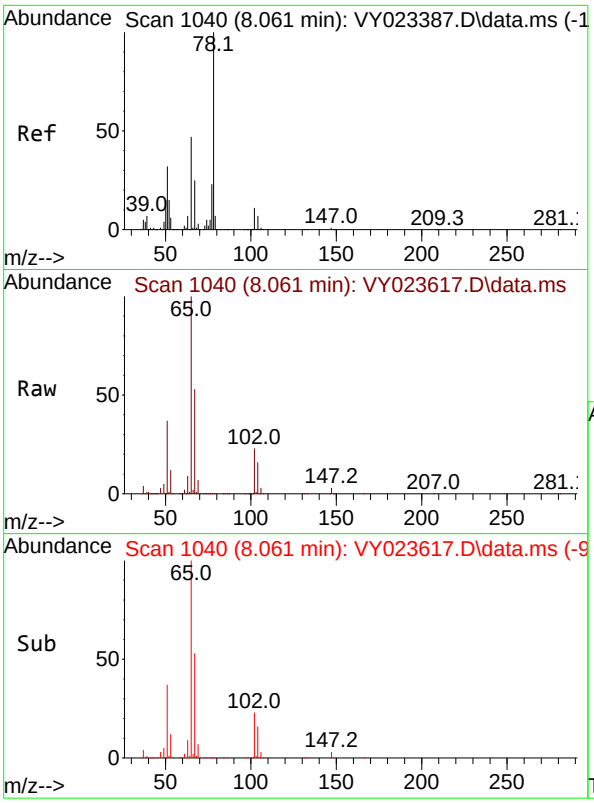


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 56 Resp: 11433

Ion	Ratio	Lower	Upper
56	100		
69	172.2	30.0	45.0#
84	169.5	81.2	121.8#



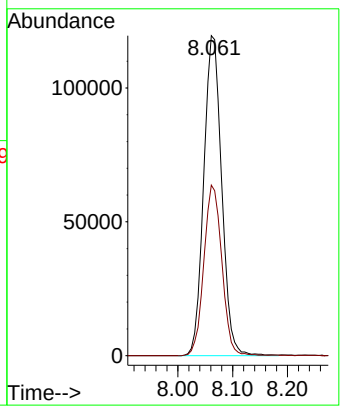


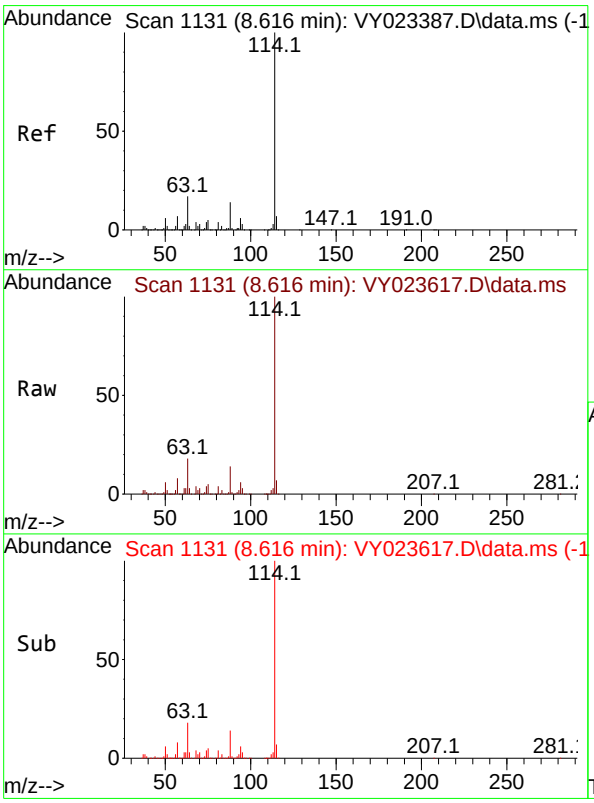
#33
1,2-Dichloroethane-d4
Concen: 51.349 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 271426

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8

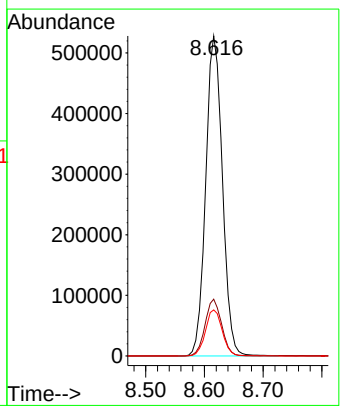


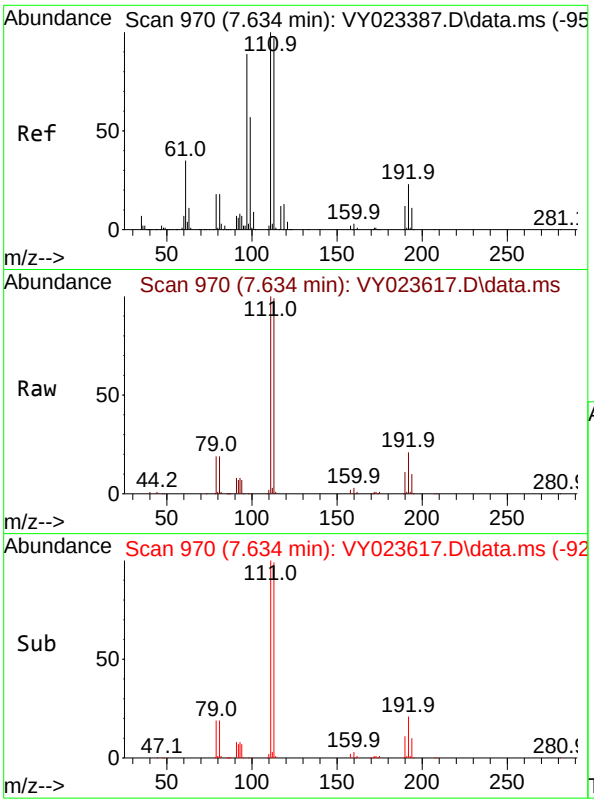


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion:114 Resp: 1042386

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.2
88	14.4	0.0	28.4



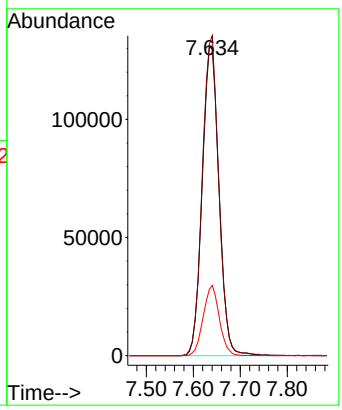


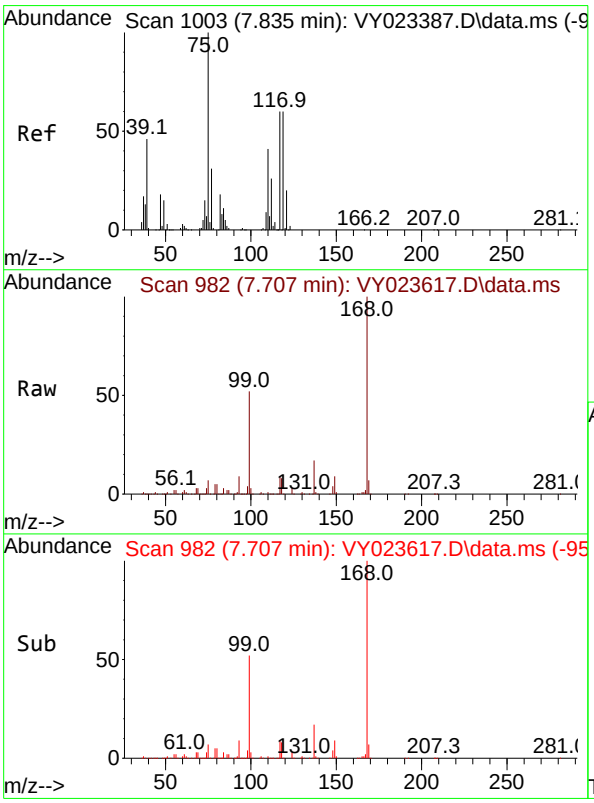
#35
Dibromofluoromethane
Concen: 50.673 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 324562

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	21.7	18.0	27.0

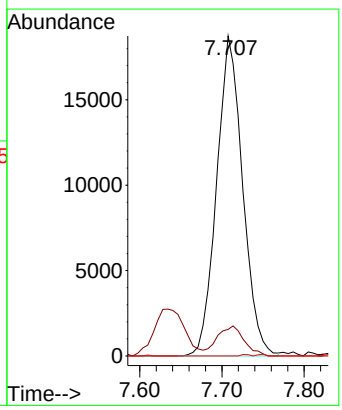


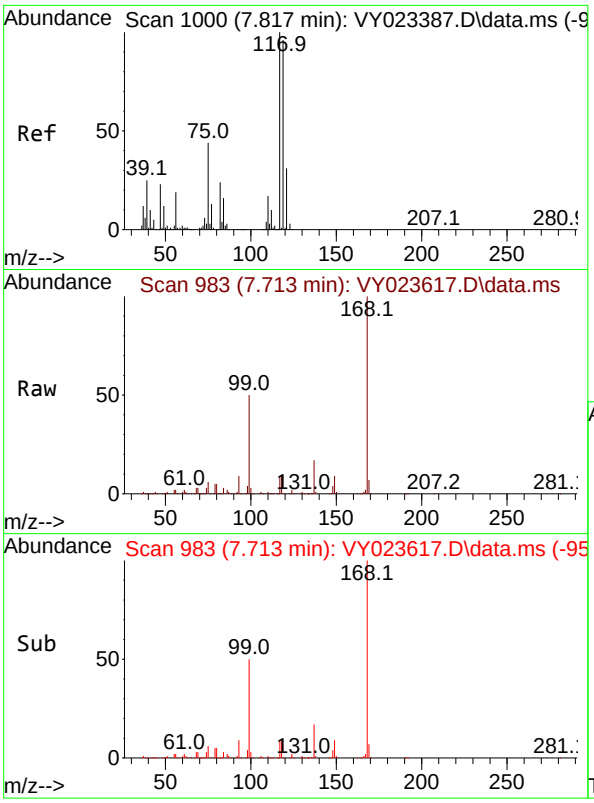


#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 75 Resp: 41226

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.9	59.7#
77	0.1	25.0	37.6#



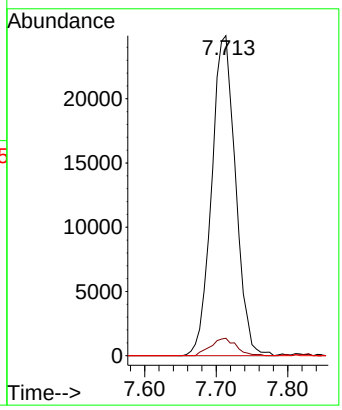


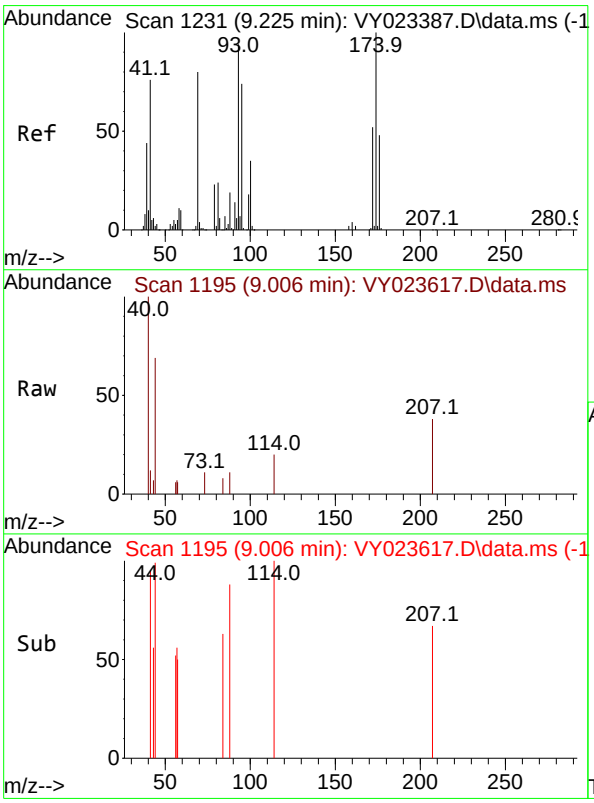
#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.104 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 57813

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.8	115.2#
121	0.0	24.5	36.7#

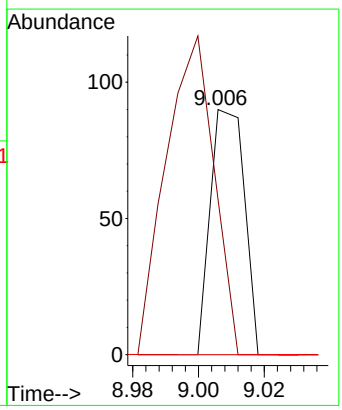


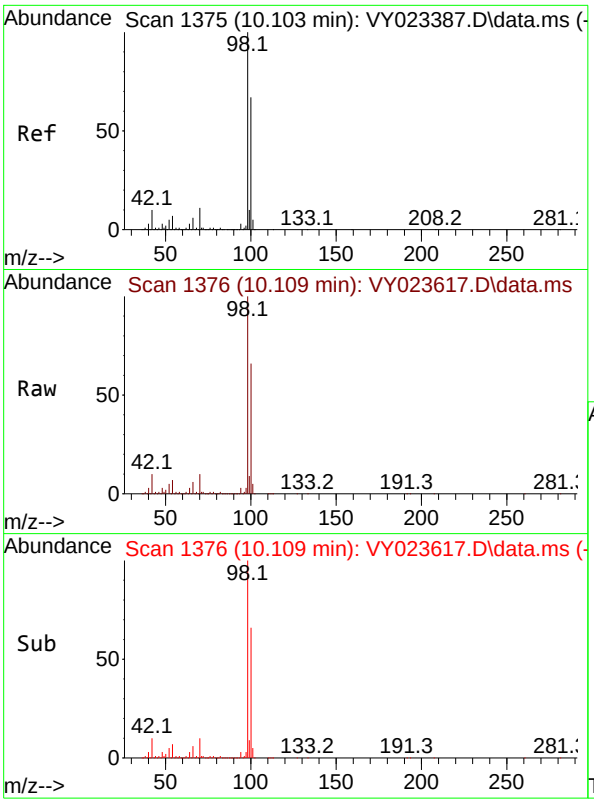


#49
1,4-Dioxane
Concen: 1.495 ug/l
RT: 9.006 min Scan# 1195
Delta R.T. -0.219 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	183.1	21.8	32.8#
58	0.0	46.8	70.2#



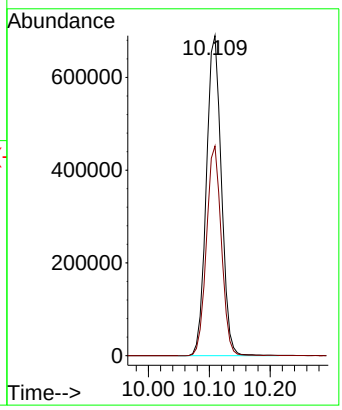


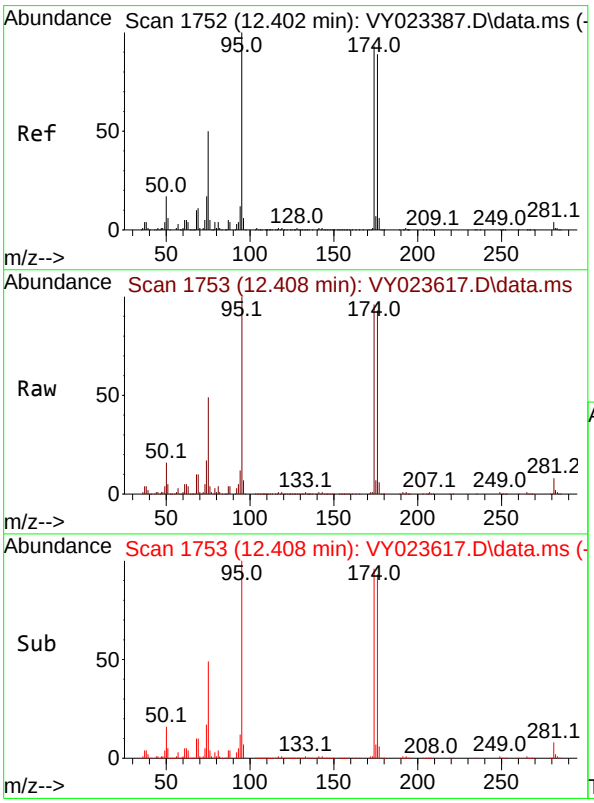
#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 1181944

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4

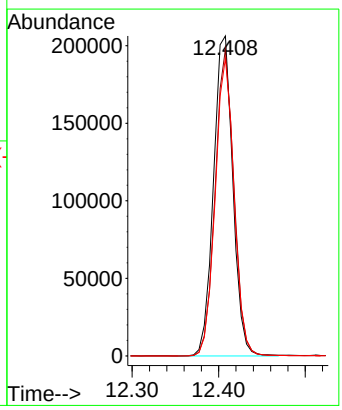


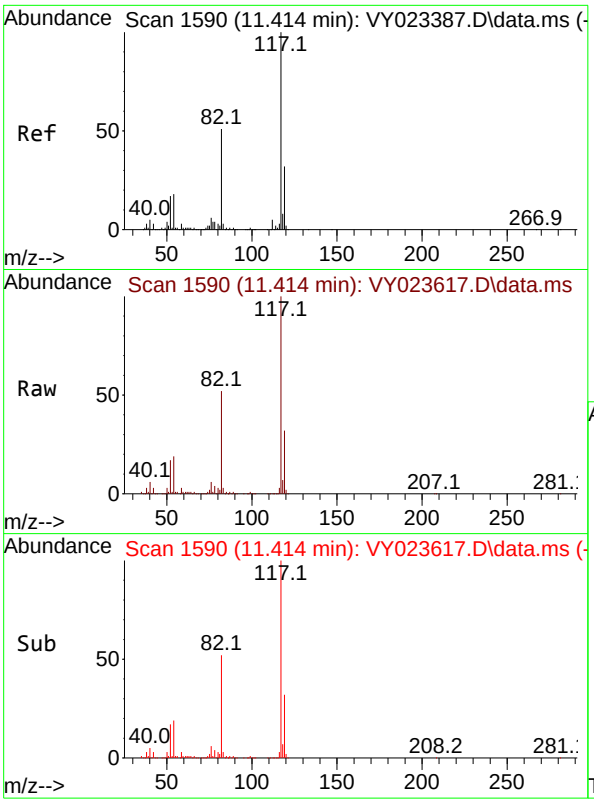


#62
4-Bromofluorobenzene
Concen: 40.629 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 95 Resp: 319952

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	192.8
176	91.0	0.0	187.6



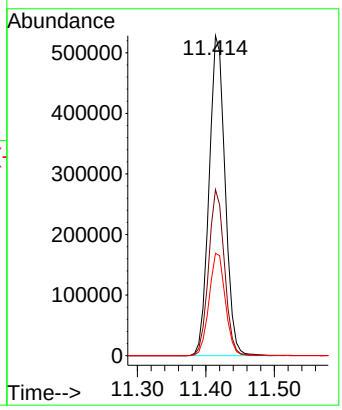


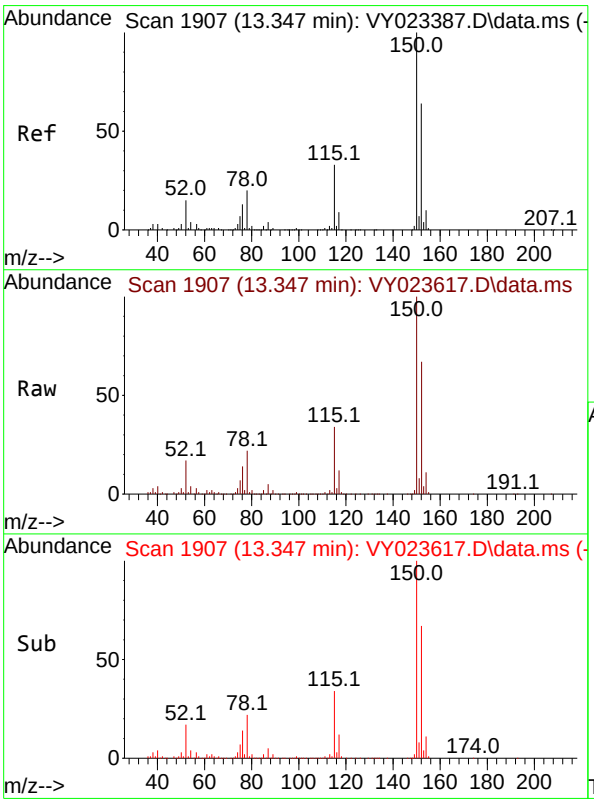
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 858848

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.0	61.4
119	32.0	25.6	38.4

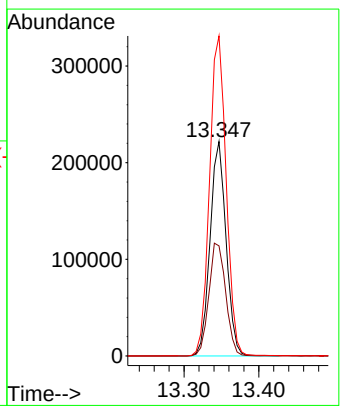


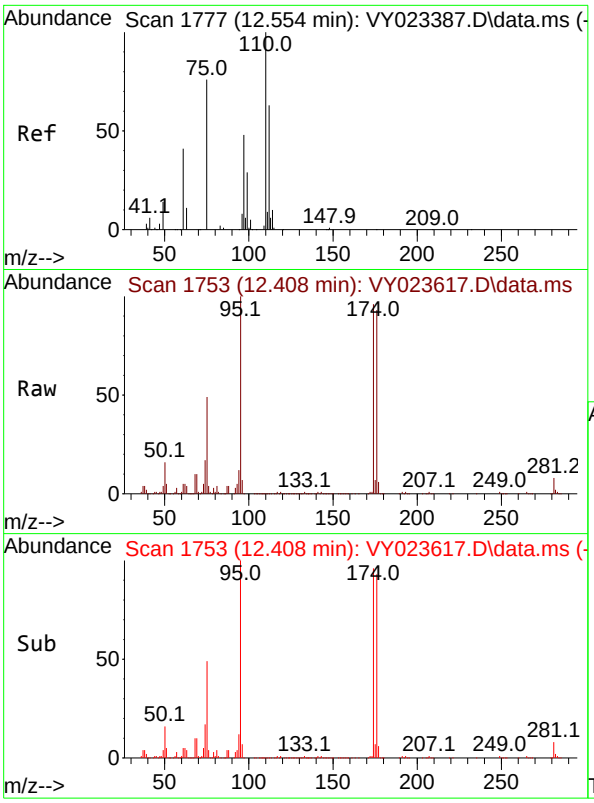


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion:152 Resp: 331788

Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.1	81.2
150	154.7	0.0	347.4



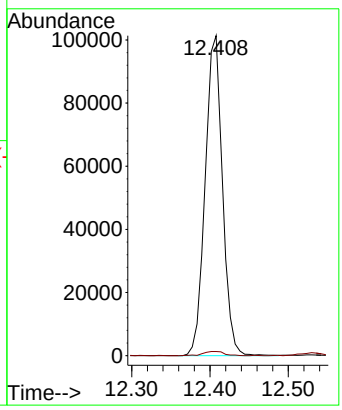


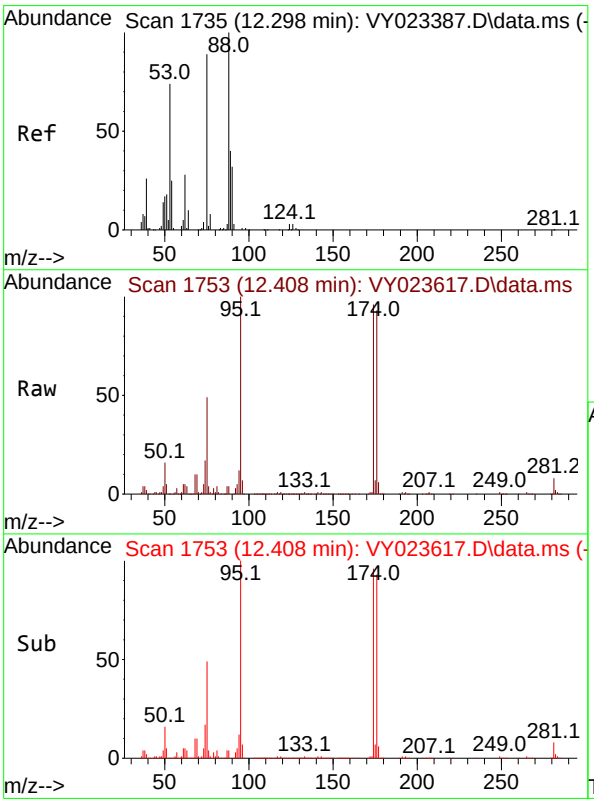
#76
1,2,3-Trichloropropane
Concen: 53.049 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 155288

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.086 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023617.D
Acq: 29 Oct 2025 12:02

Tgt Ion: 75 Resp: 155288

Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.6	102.8#
89	0.0	39.0	58.4#