Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
Data File : VY023932.D
Acq On : 10 Dec 2025 11:16
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 11 04:02:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	682393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1135453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	973245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	407419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	341513	56.604	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.200%			
35) Dibromofluoromethane	7.640	113	364180	49.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.140%			
50) Toluene-d8	10.109	98	1289596	46.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.340%			
62) 4-Bromofluorobenzene	12.407	95	388327	42.079	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.160%			
Target Compounds						Qvalue
13) Acrolein	3.659	56	774	1.385	ug/l #	74
16) Acetone	3.885	43	5942	Below Cal	#	85
20) Methylene Chloride	4.622	84	21991	3.098	ug/l	94
31) Cyclohexane	7.707	56	11778	1.138	ug/l #	12
36) 1,1-Dichloropropene	7.713	75	44935	4.447	ug/l #	49
38) Carbon Tetrachloride	7.713	117	61185	4.995	ug/l #	16
49) 1,4-Dioxane	9.243	88	141	3.093	ug/l #	59
76) 1,2,3-Trichloropropane	12.407	75	189822	55.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	189822	125.374	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1008	1.436	ug/l	68
93) 1,2,4-Trichlorobenzene	14.925	180	15114	2.069	ug/l	99
94) Hexachlorobutadiene	15.029	225	6245	1.304	ug/l	99
95) Naphthalene	15.151	128	29494	2.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	14918	2.400	ug/l	97

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

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Operator : SY/MD
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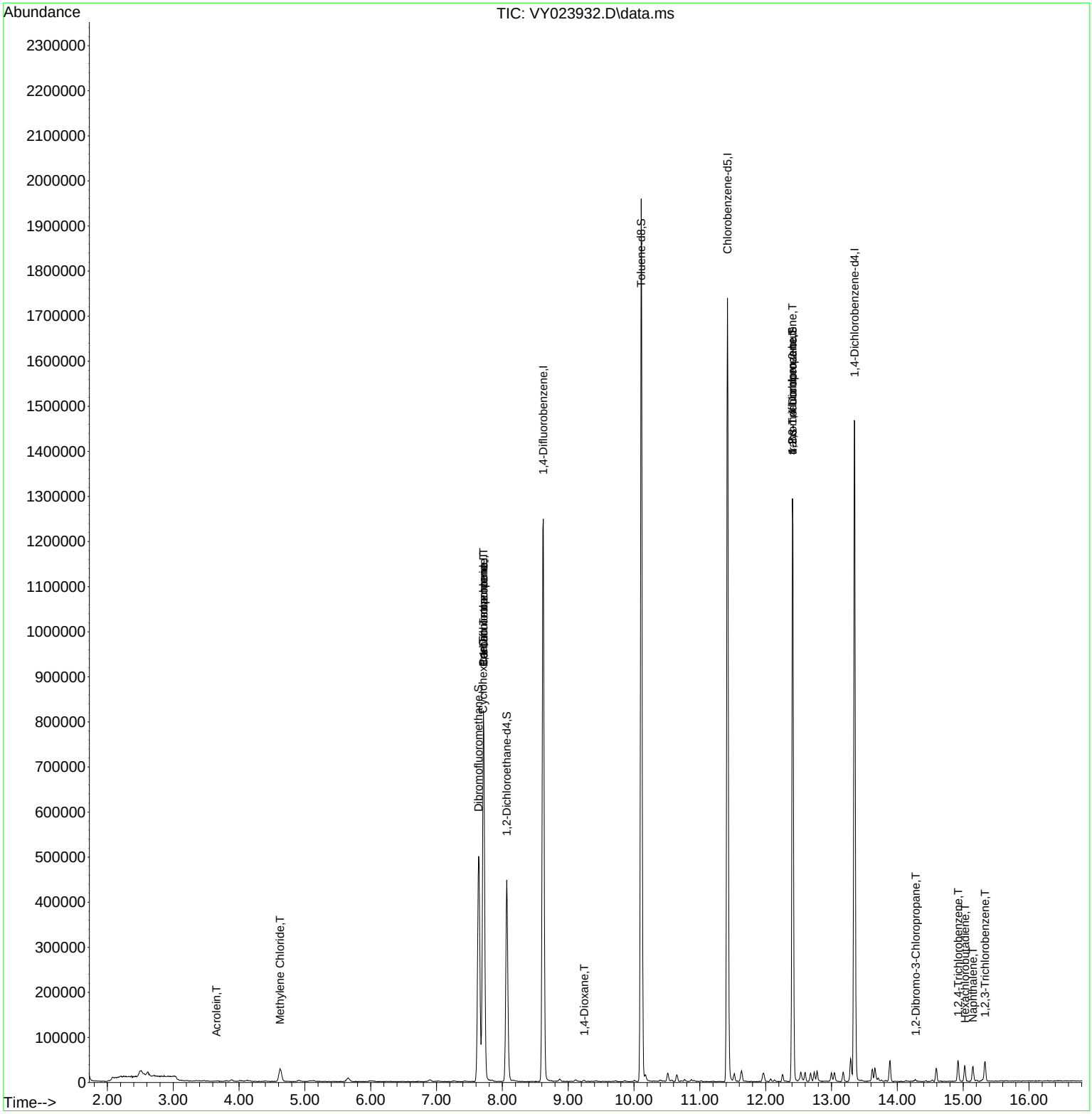
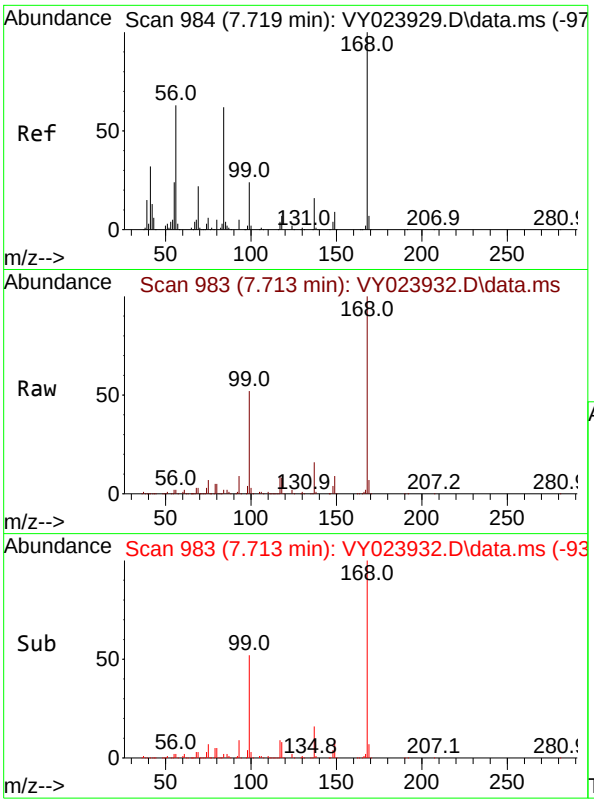
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 11 04:02:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration



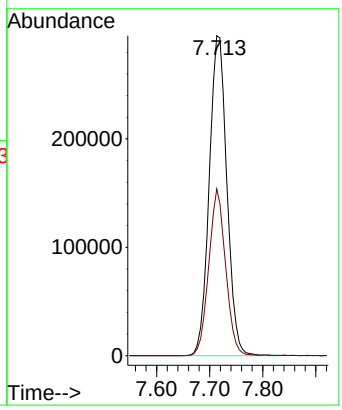


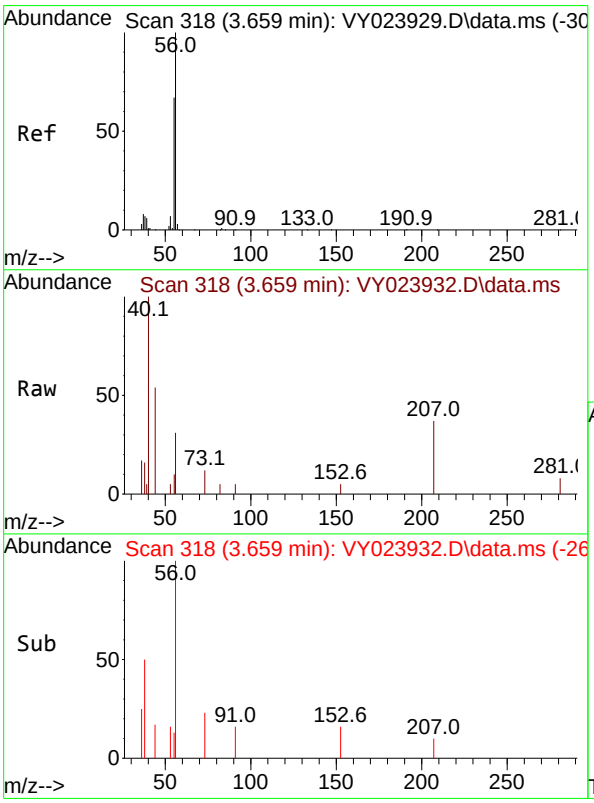
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 682393

Ion	Ratio	Lower	Upper
168	100		
99	52.1	38.9	58.3

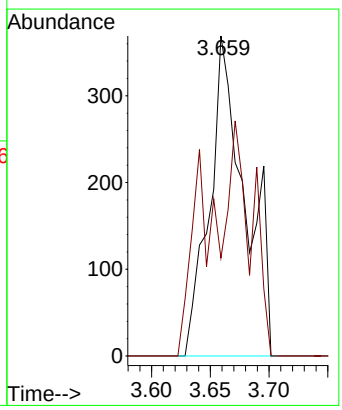


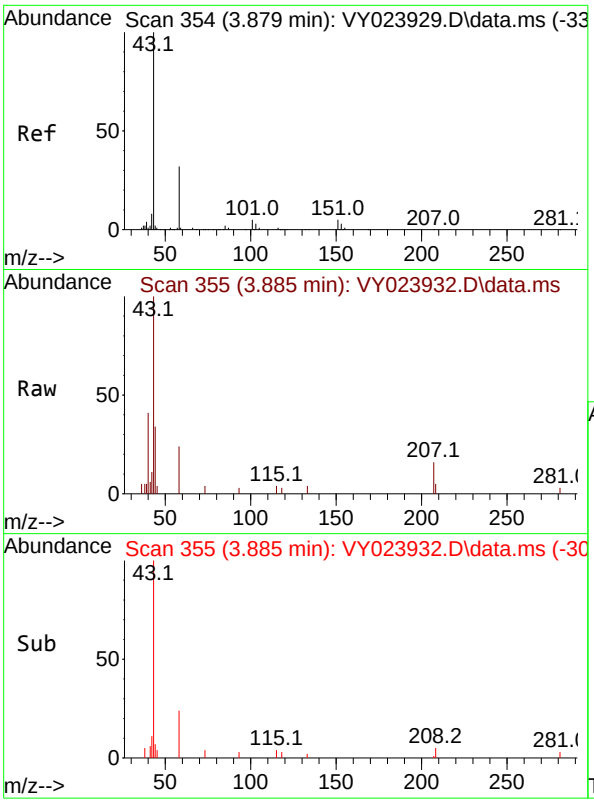


#13
Acrolein
Concen: 1.385 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 56 Resp: 774

Ion	Ratio	Lower	Upper
56	100		
55	48.7	55.7	83.5#



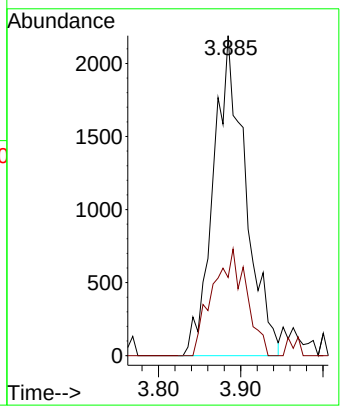


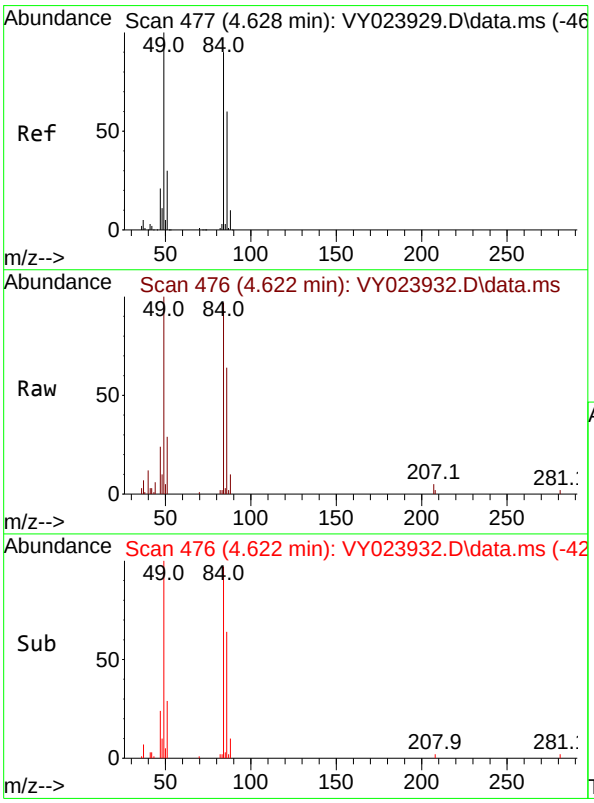
#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 5942

Ion	Ratio	Lower	Upper
43	100		
58	24.4	26.4	39.6#

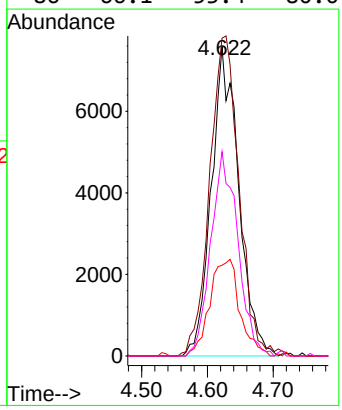


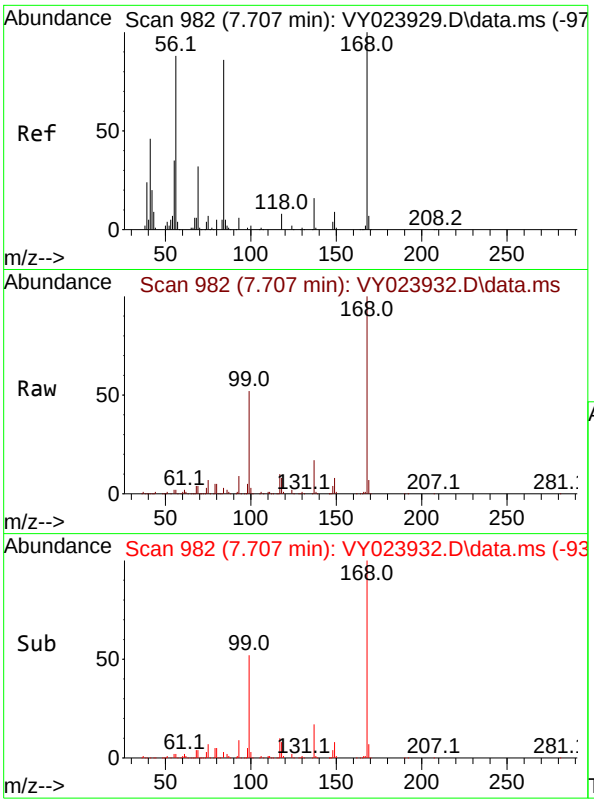


#20
Methylene Chloride
Concen: 3.098 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 84 Resp: 21991

Ion	Ratio	Lower	Upper
84	100		
49	102.8	89.1	133.7
51	29.4	26.6	39.8
86	66.1	53.4	80.0



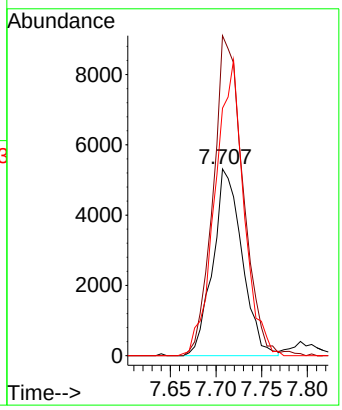


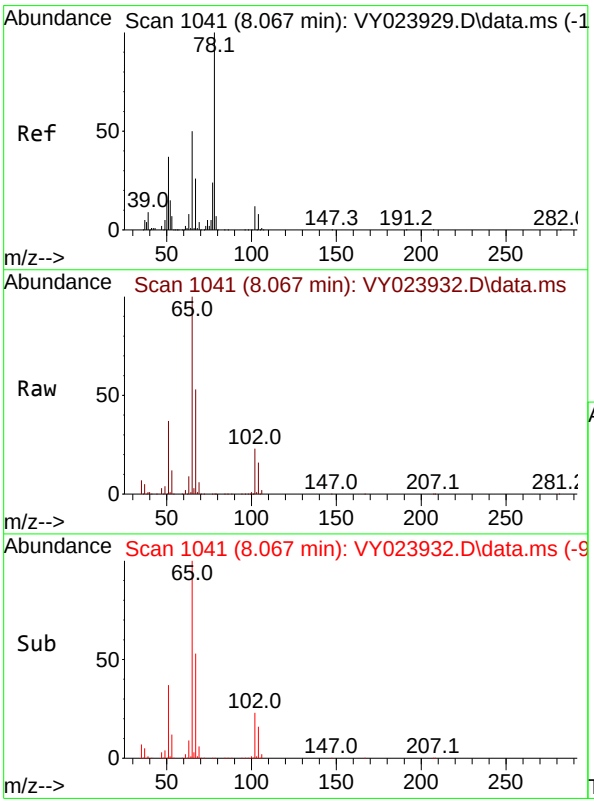
#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 11778

Ion	Ratio	Lower	Upper
56	100		
69	171.4	29.1	43.7#
84	132.6	77.8	116.8#

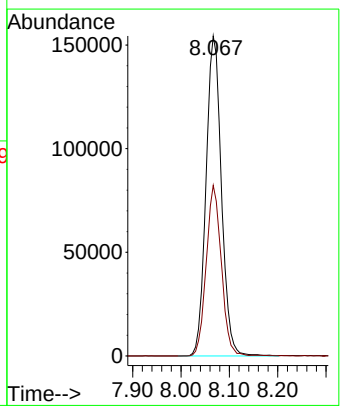


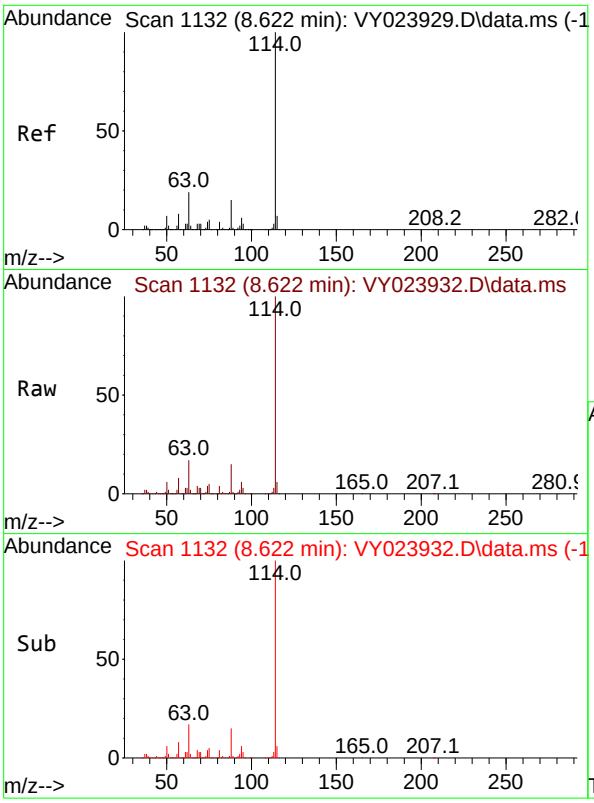


#33
1,2-Dichloroethane-d4
Concen: 56.604 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 65 Resp: 341513

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2



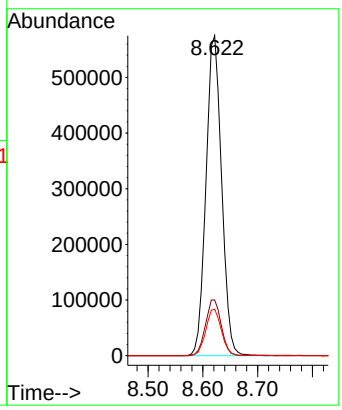


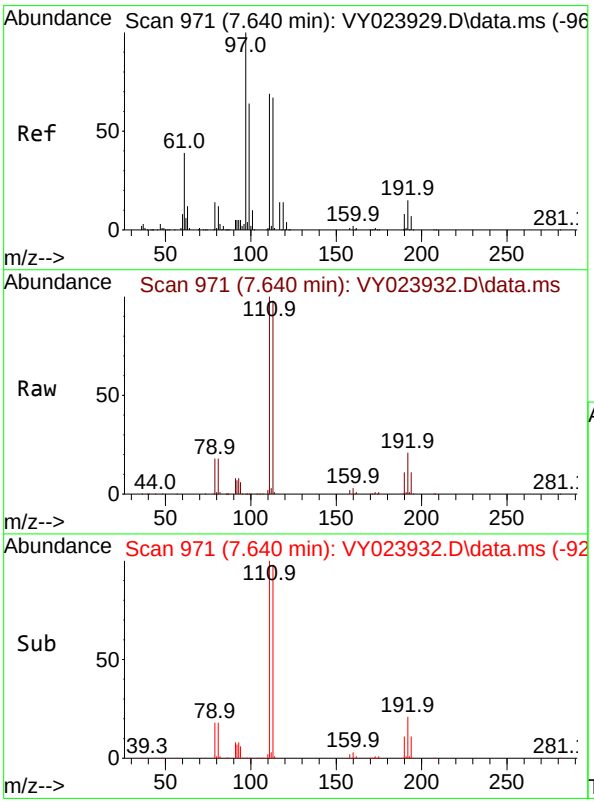
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 1135453

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	37.2
88	14.5	0.0	29.4

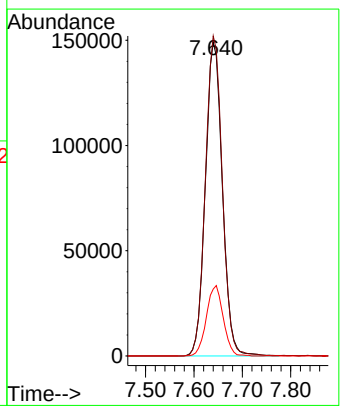


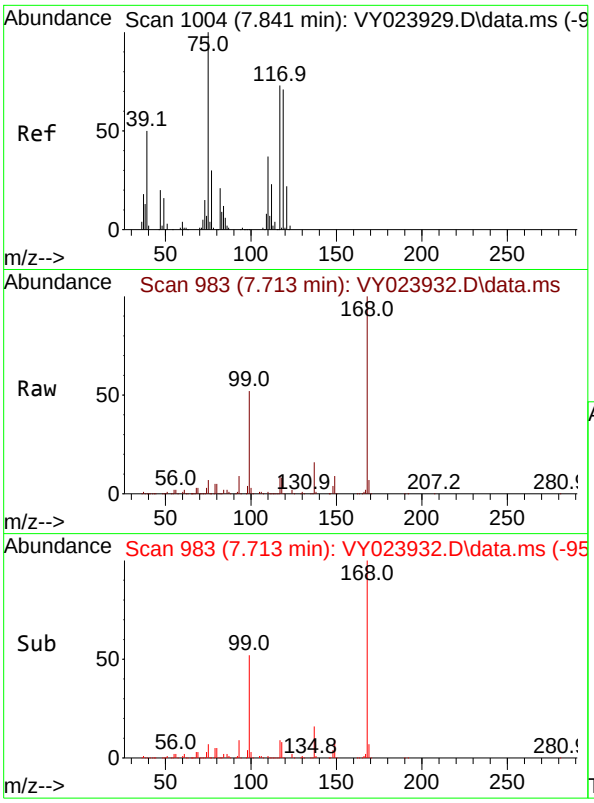


#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion:113 Resp: 364180

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	22.2	17.9	26.9



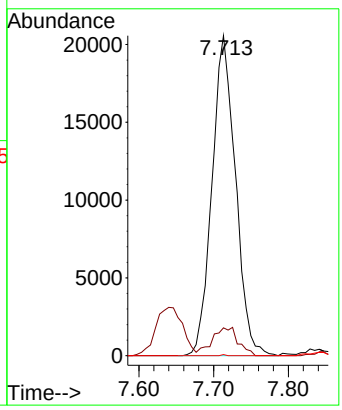


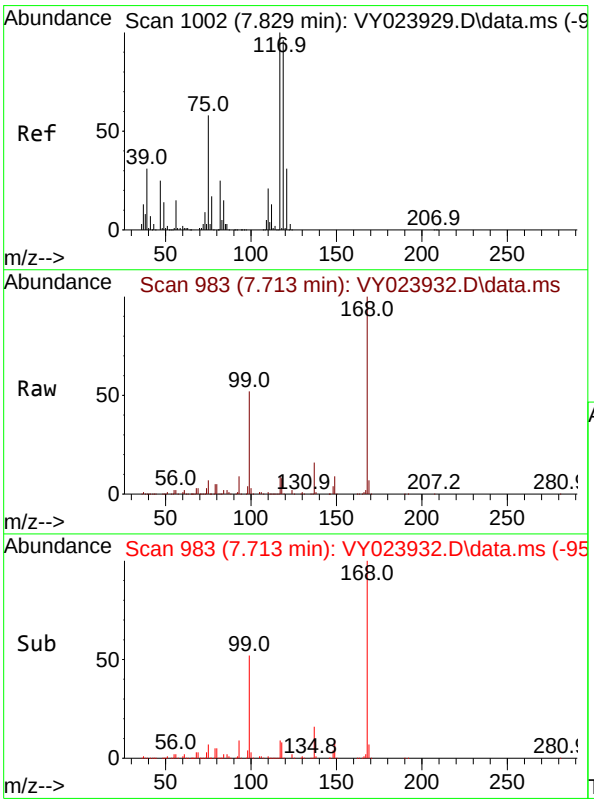
#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 44935

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.2	57.6#
77	0.0	24.4	36.6#

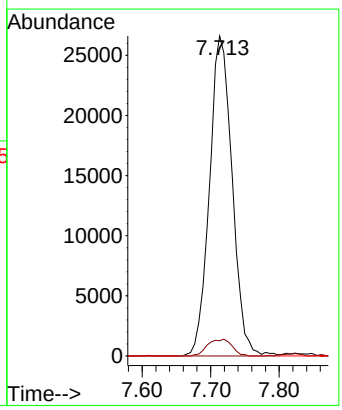


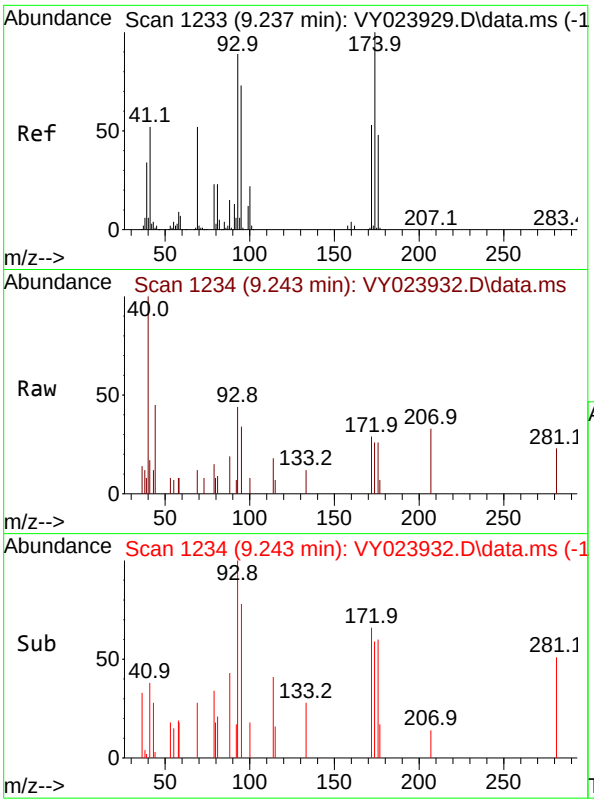


#38
Carbon Tetrachloride
Concen: 4.995 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion:117 Resp: 61185

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.6	114.8#
121	0.0	24.8	37.2#



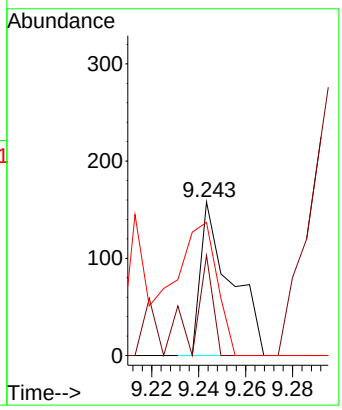


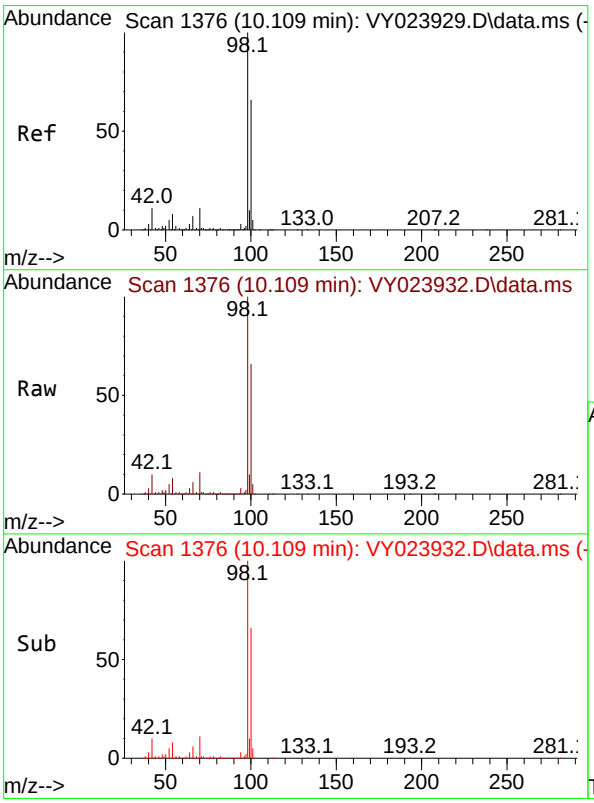
#49
1,4-Dioxane
Concen: 3.093 ug/l
RT: 9.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 88 Resp: 141

Ion	Ratio	Lower	Upper
88	100		
43	39.7	22.3	33.5#
58	104.3	52.3	78.5#

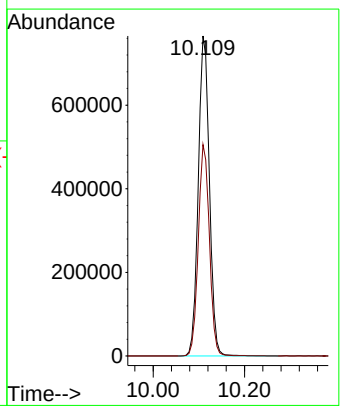


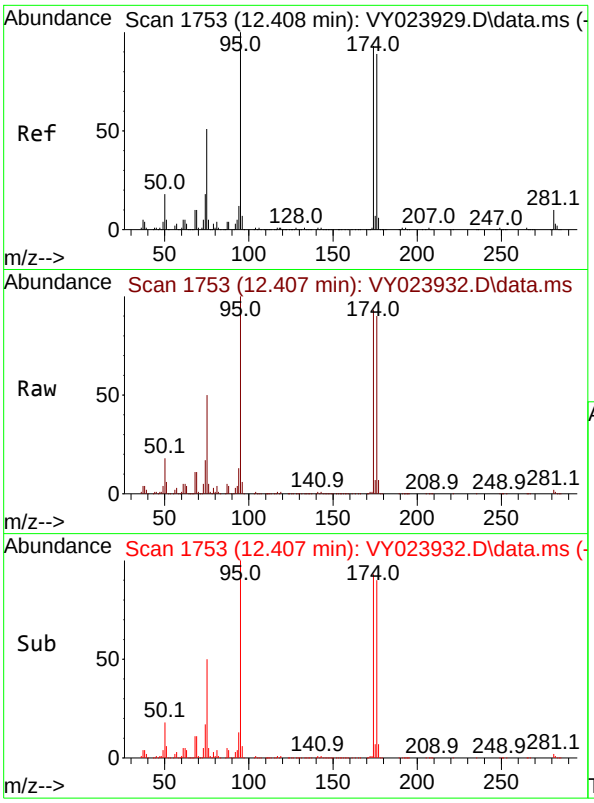


#50
Toluene-d8
Concen: 46.667 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 98 Resp: 1289596

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2



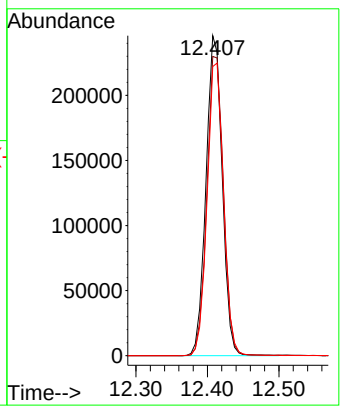


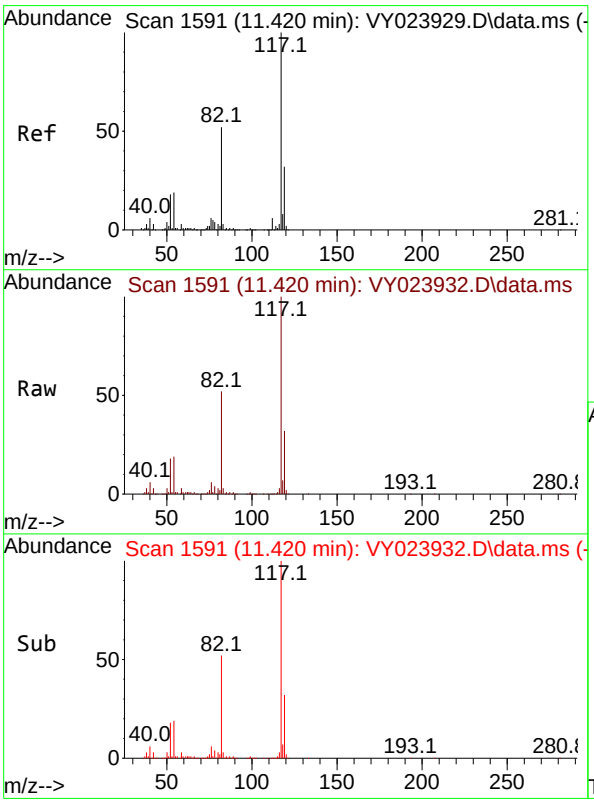
#62
4-Bromofluorobenzene
Concen: 42.079 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 388327

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	187.4
176	92.2	0.0	179.6

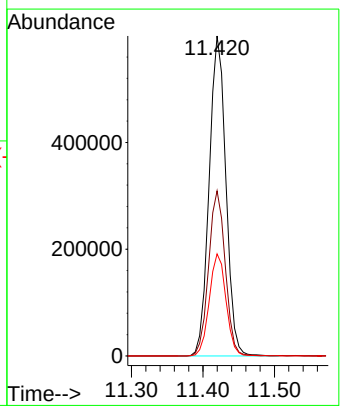


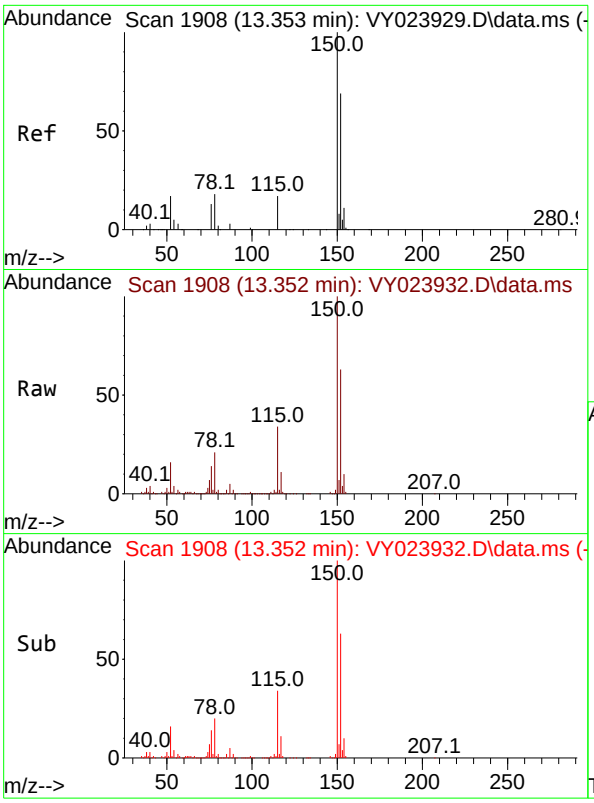


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion:117 Resp: 973245

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.2
119	31.9	25.5	38.3



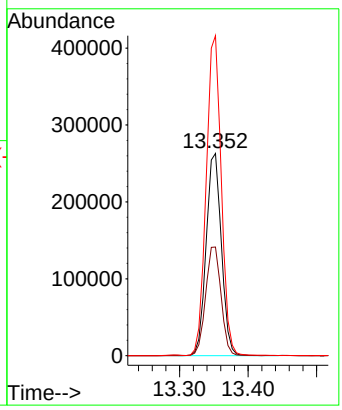


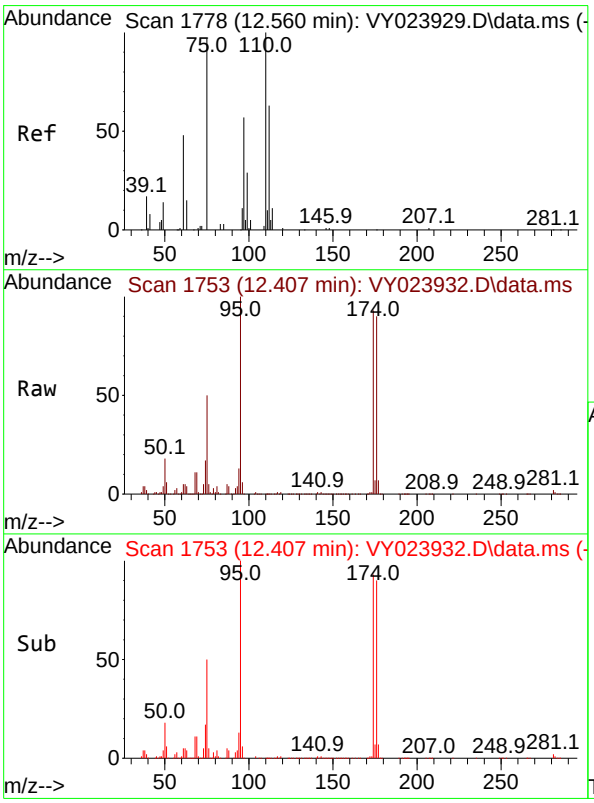
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 407419

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.9
150	156.3	0.0	347.6

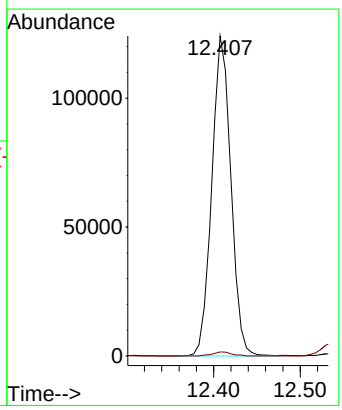


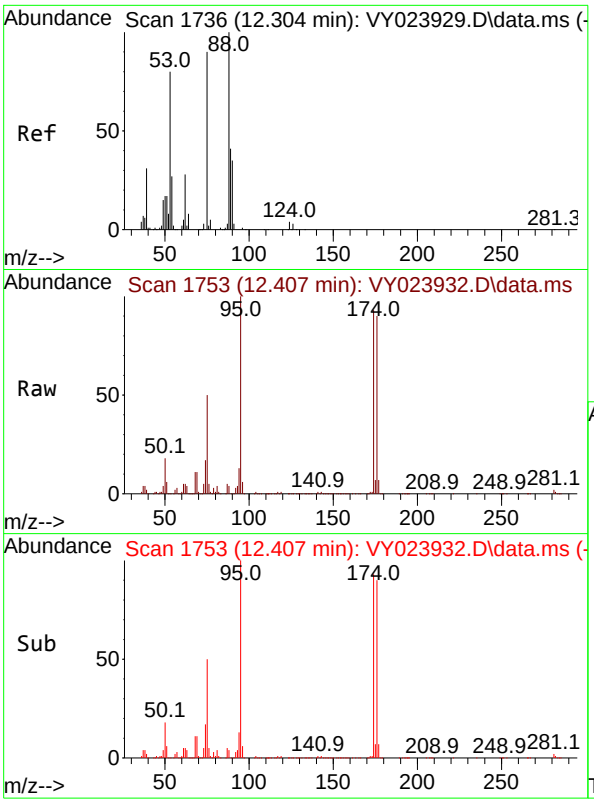


#76
1,2,3-Trichloropropane
Concen: 55.079 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 75 Resp: 189822

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



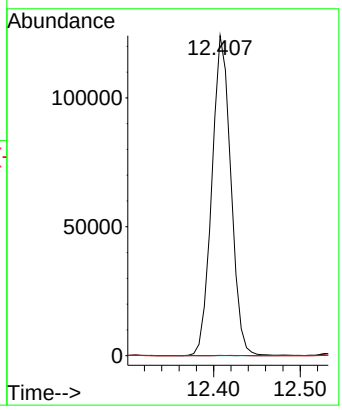


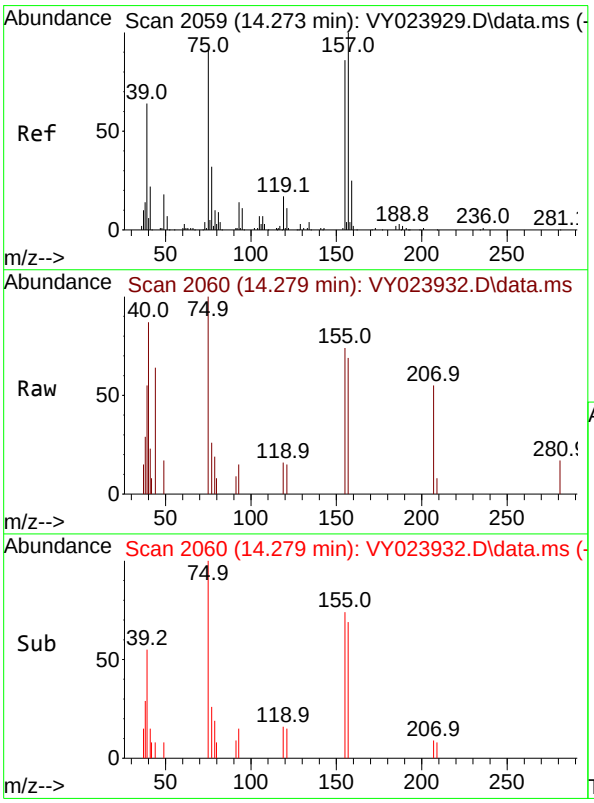
#81
trans-1,4-Dichloro-2-butene
Concen: 125.374 ug/l
RT: 12.407 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 189822

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.0#
89	0.1	38.9	58.3#

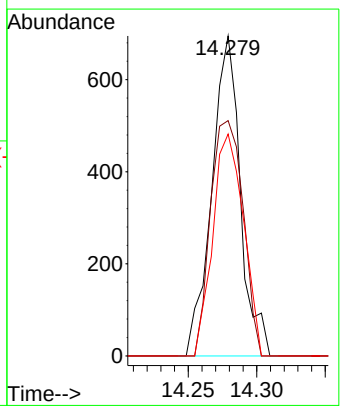


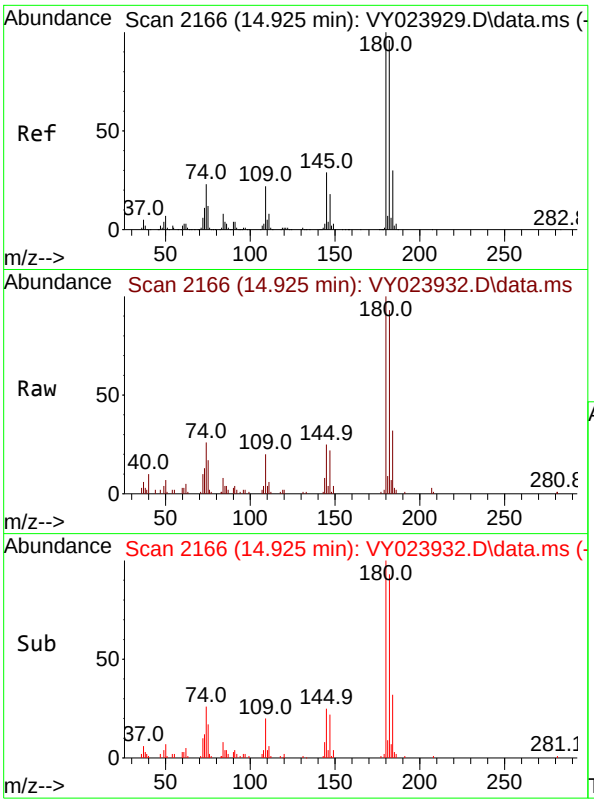


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.436 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion: 75 Resp: 1008

Ion	Ratio	Lower	Upper
75	100		
155	83.7	50.2	150.7
157	74.6	62.8	188.5



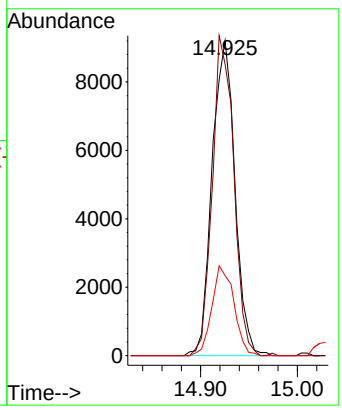


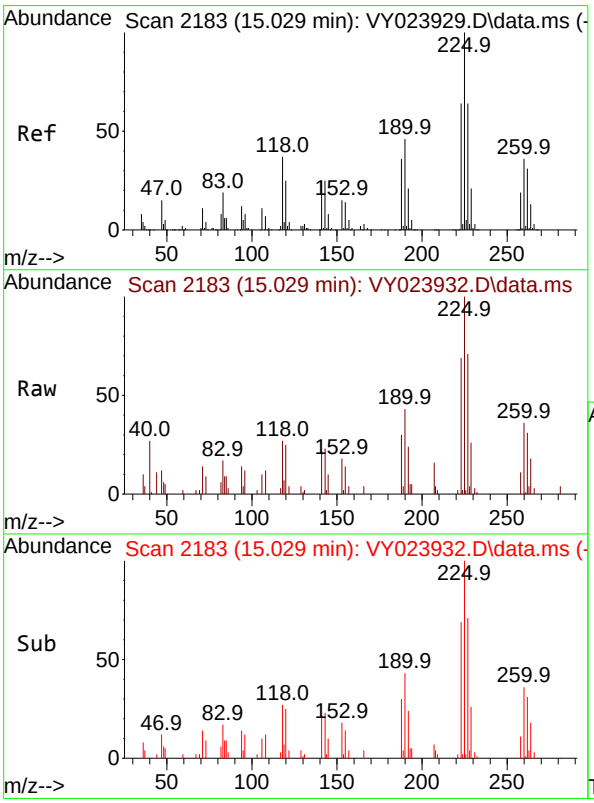
#93
1,2,4-Trichlorobenzene
Concen: 2.069 ug/l
RT: 14.925 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 15114

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.9
145	27.5	14.8	44.4

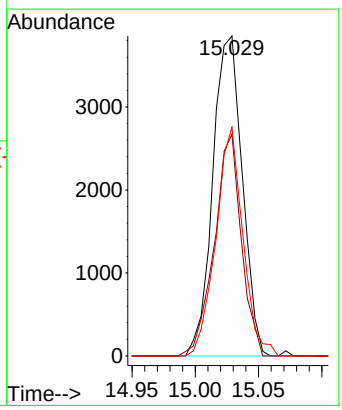


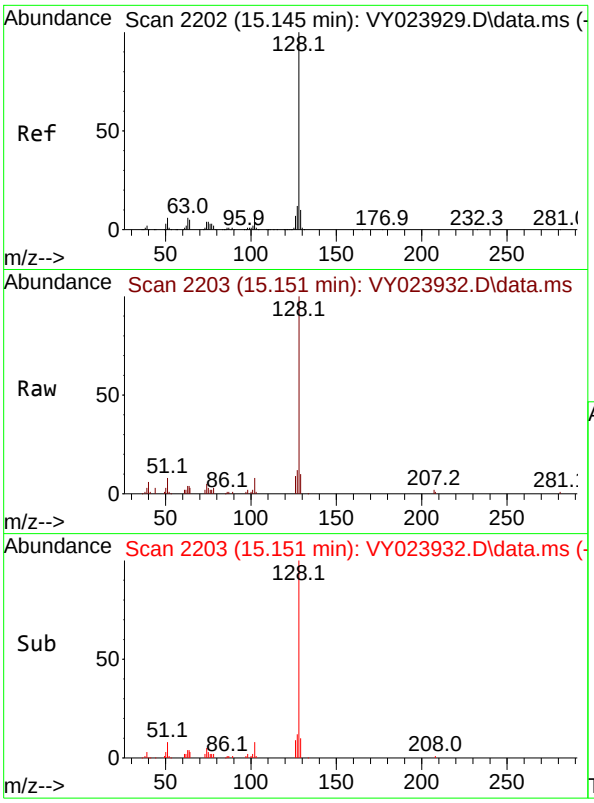


#94
Hexachlorobutadiene
Concen: 1.304 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion:225 Resp: 6245

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	95.0
227	65.6	31.7	95.1



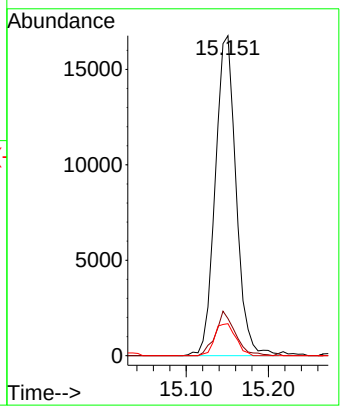


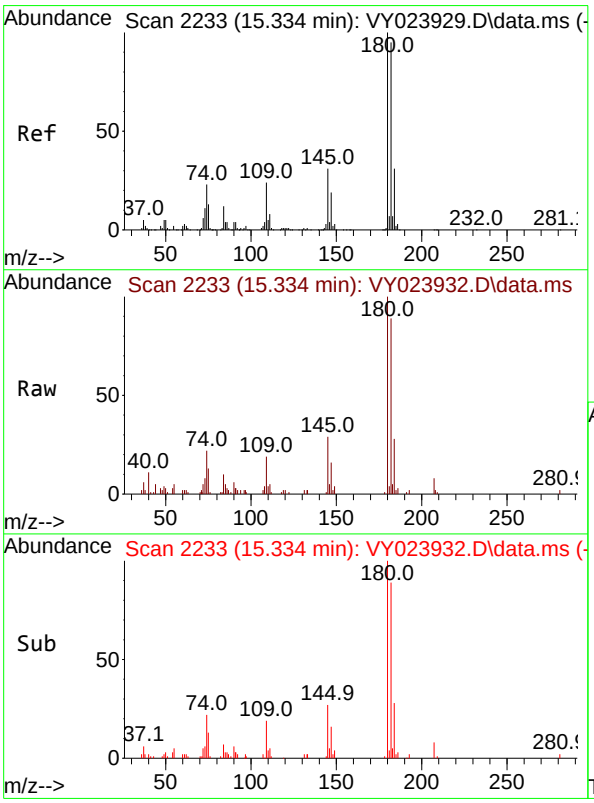
#95
Naphthalene
Concen: 2.611 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 29494

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.2	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.400 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY023932.D
Acq: 10 Dec 2025 11:16

Tgt Ion:180 Resp: 14918

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.8	143.4
145	28.3	15.6	46.8