Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
Data File : VY023401.D
Acq On : 08 Oct 2025 12:34
Operator : SY/MD
Sample : Q3304-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Quant Time: Oct 09 03:11:40 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	7.707	168	11413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	19229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	15659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6590	69.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.100%			
35) Dibromofluoromethane	7.628	113	5205	44.053	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.100%			
50) Toluene-d8	10.103	98	20774	47.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.420%			
62) 4-Bromofluorobenzene	12.408	95	4242	29.201	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 58.400%			
Target Compounds						Qvalue
3) Chloromethane	2.074	50	448	4.003	ug/l	96
5) Bromomethane	2.611	94	1015	8.298	ug/l	89
10) Methyl Iodide	4.019	142	852	7.287	ug/l #	92
15) Acrylonitrile	4.891	53	31	1.532	ug/l #	18
16) Acetone	3.879	43	216	9.507	ug/l #	40
20) Methylene Chloride	4.616	84	269	2.189	ug/l #	52
29) Tetrahydrofuran	7.110	42	41	2.607	ug/l #	26
36) 1,1-Dichloropropene	7.713	75	812	5.191	ug/l #	39
38) Carbon Tetrachloride	7.713	117	909	4.793	ug/l #	12
48) Methyl methacrylate	9.238	41	72	1.240	ug/l #	35
59) 2-Hexanone	10.786	43	46	1.008	ug/l #	20
76) 1,2,3-Trichloropropane	12.402	75	1903	72.381	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	1903	177.491	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.407	75	38	7.210	ug/l #	1

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

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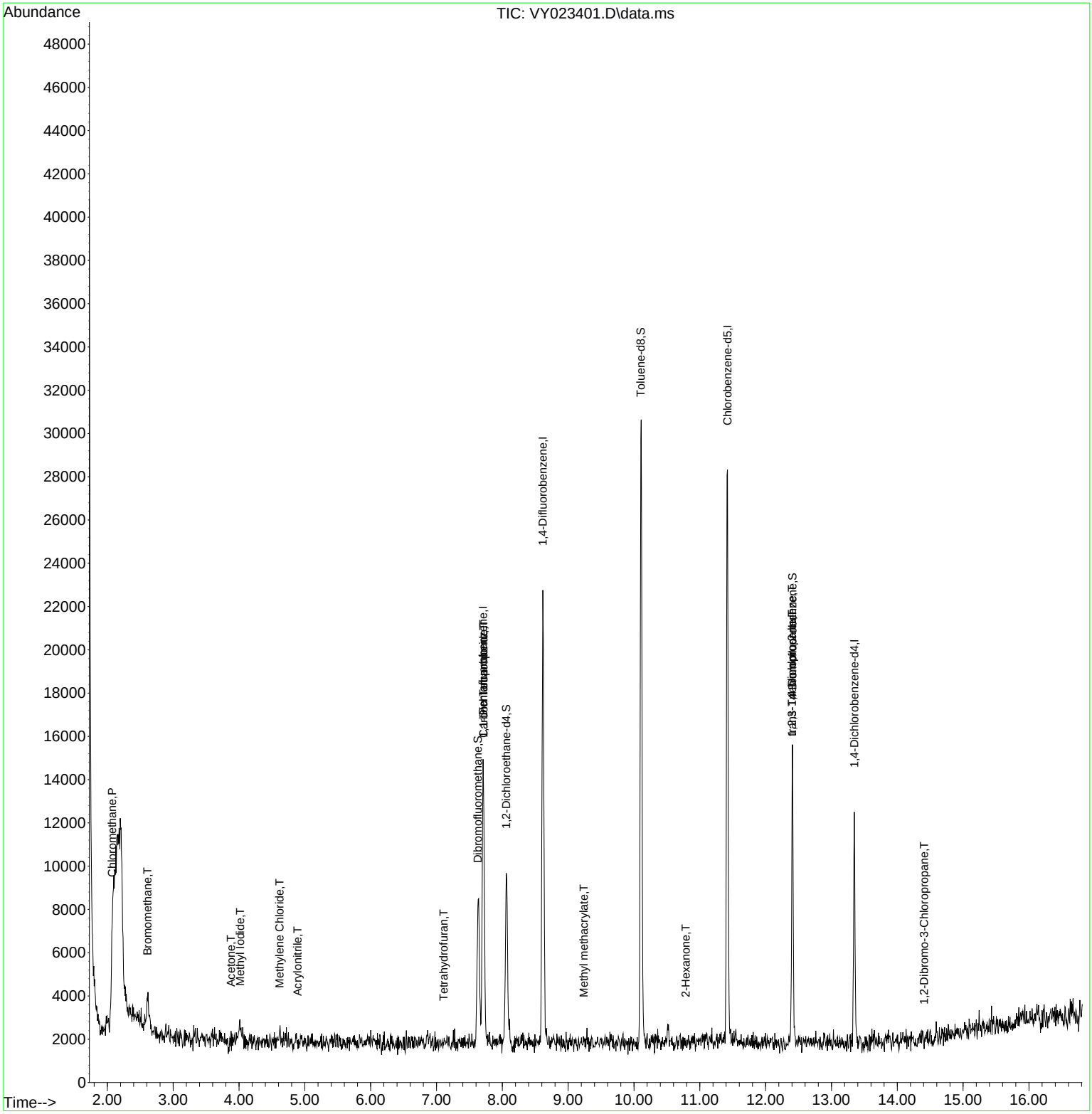
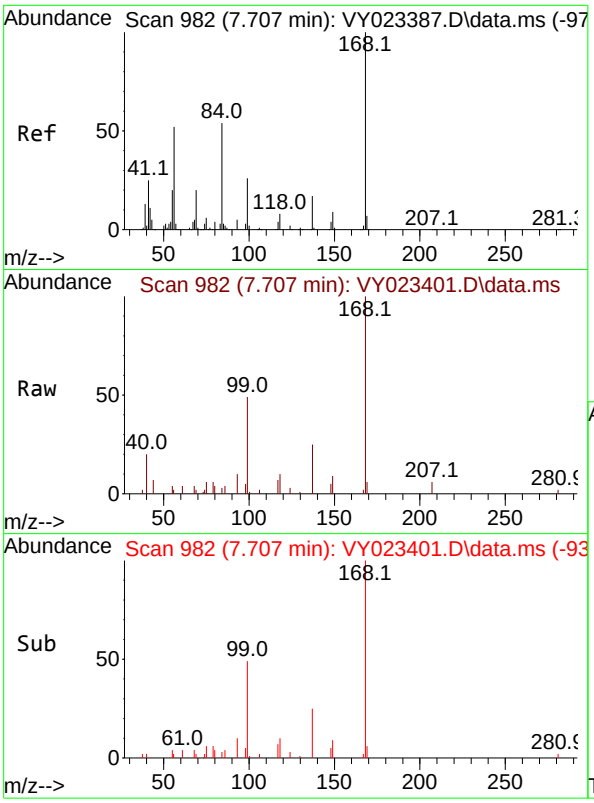
Quant Time: Oct 09 03:11:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



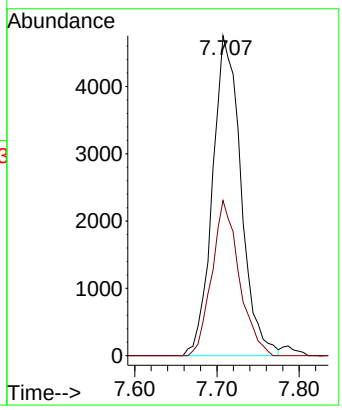


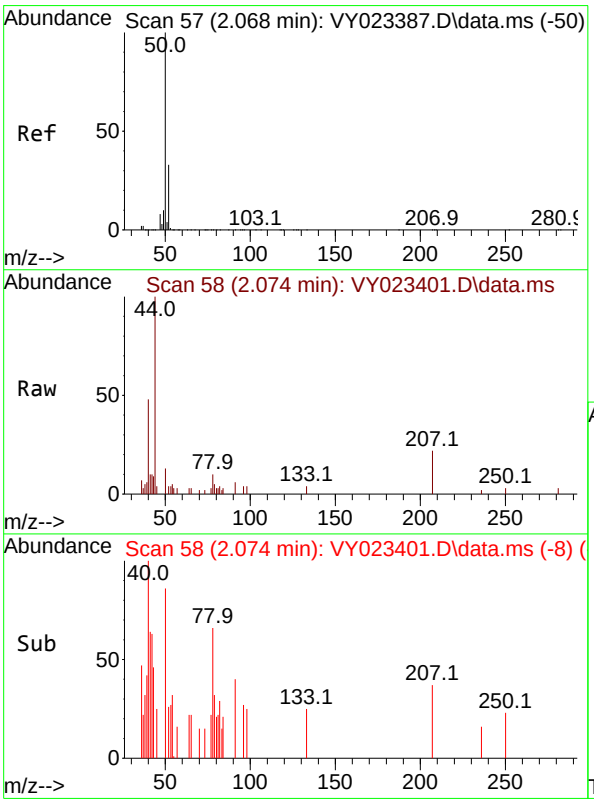
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion:168 Resp: 11413

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.7	59.5

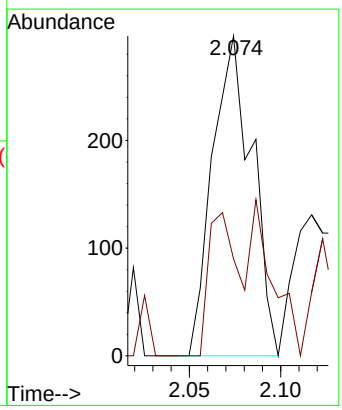


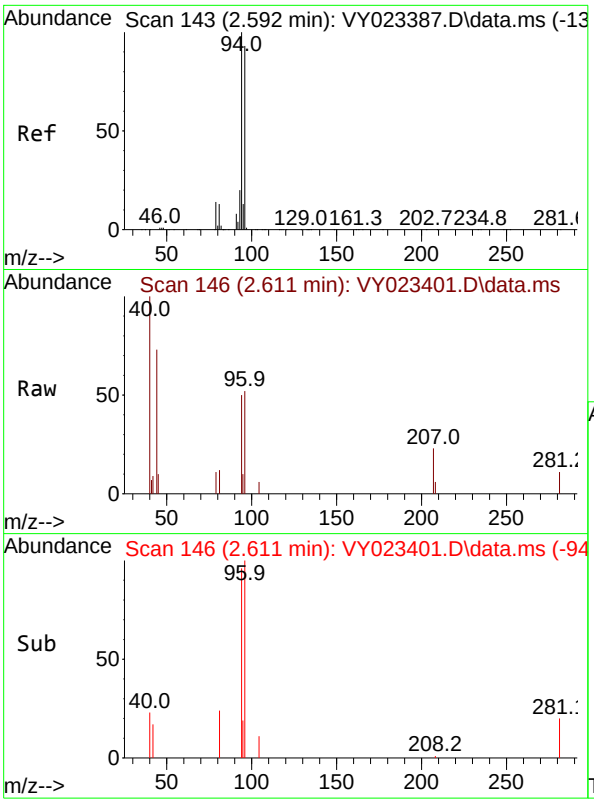


#3
Chloromethane
Concen: 4.003 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 50 Resp: 448

Ion	Ratio	Lower	Upper
50	100		
52	30.3	26.2	39.2



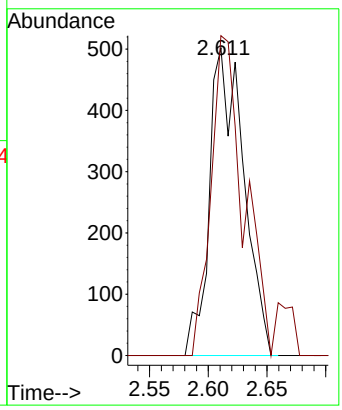


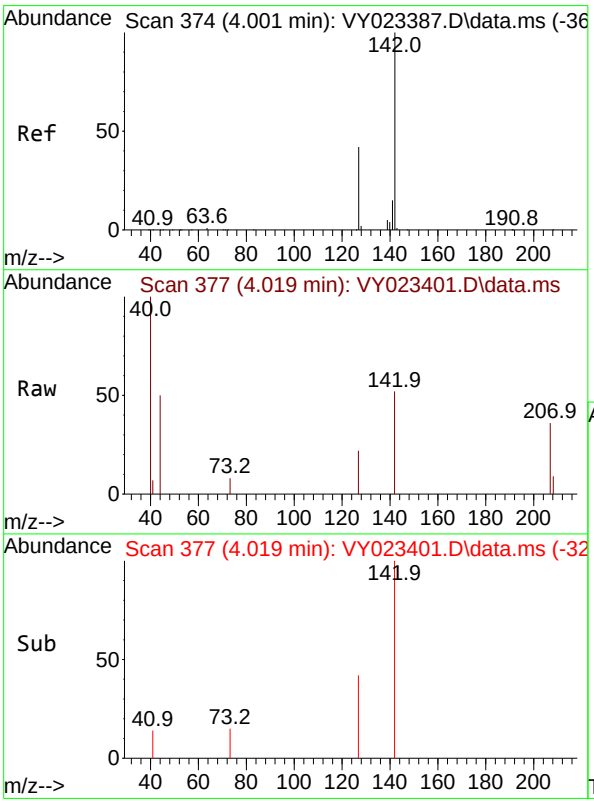
#5
Bromomethane
Concen: 8.298 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 94 Resp: 1015

Ion	Ratio	Lower	Upper
94	100		
96	104.0	74.5	111.7

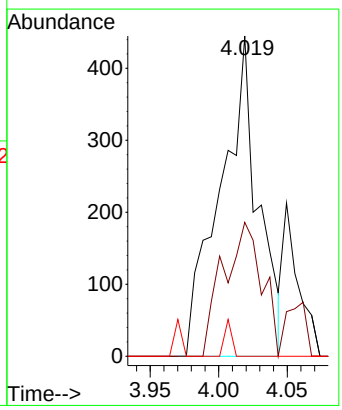


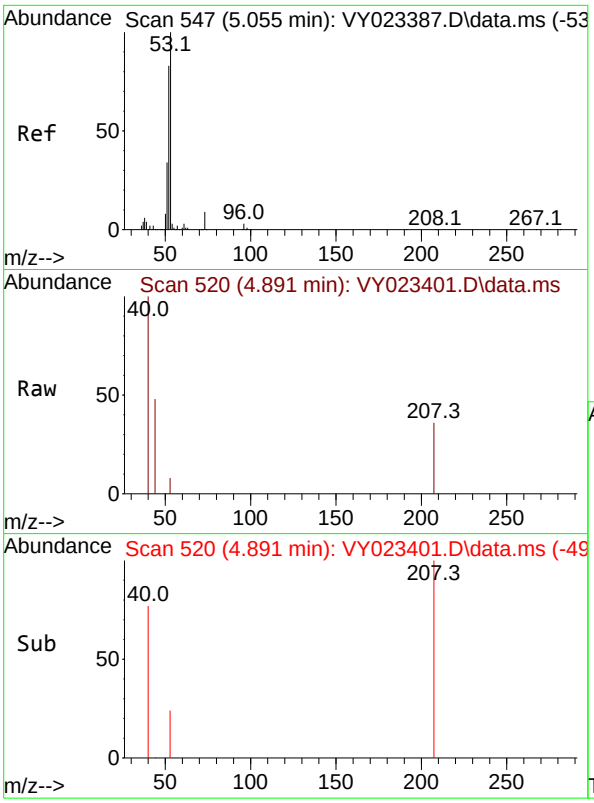


#10
Methyl Iodide
Concen: 7.287 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion:142 Resp: 852

Ion	Ratio	Lower	Upper
142	100		
127	42.8	34.8	52.2
141	2.2	11.6	17.4#



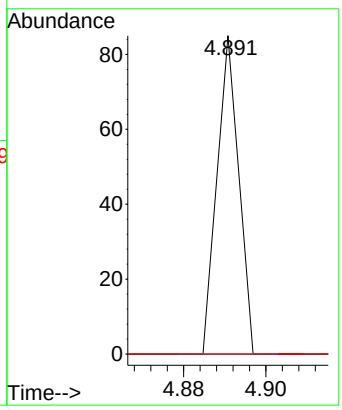


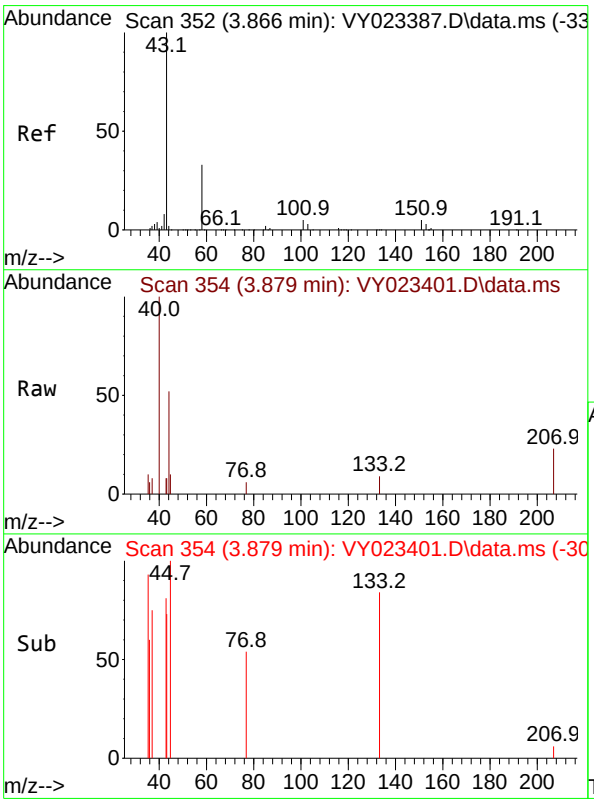
#15
Acrylonitrile
Concen: 1.532 ug/l
RT: 4.891 min Scan# 5
Delta R.T. -0.165 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 53 Resp: 31

Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.6	97.0#
51	0.0	29.5	44.3#

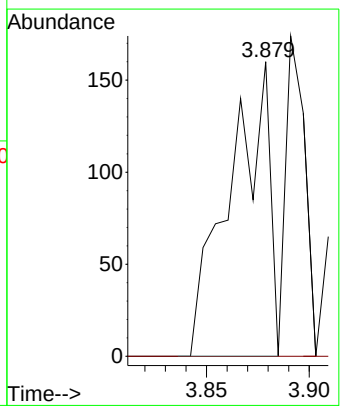


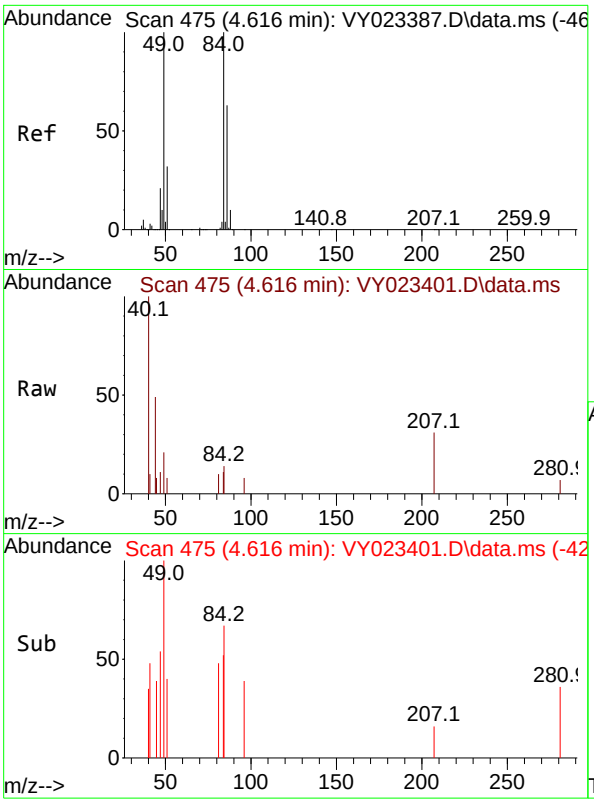


#16
Acetone
Concen: 9.507 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 43 Resp: 216

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#



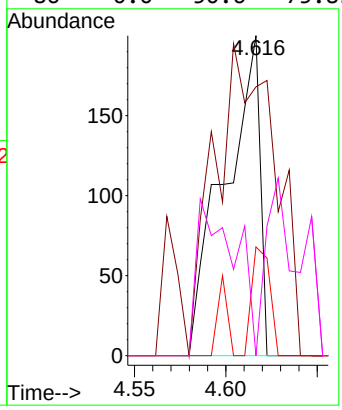


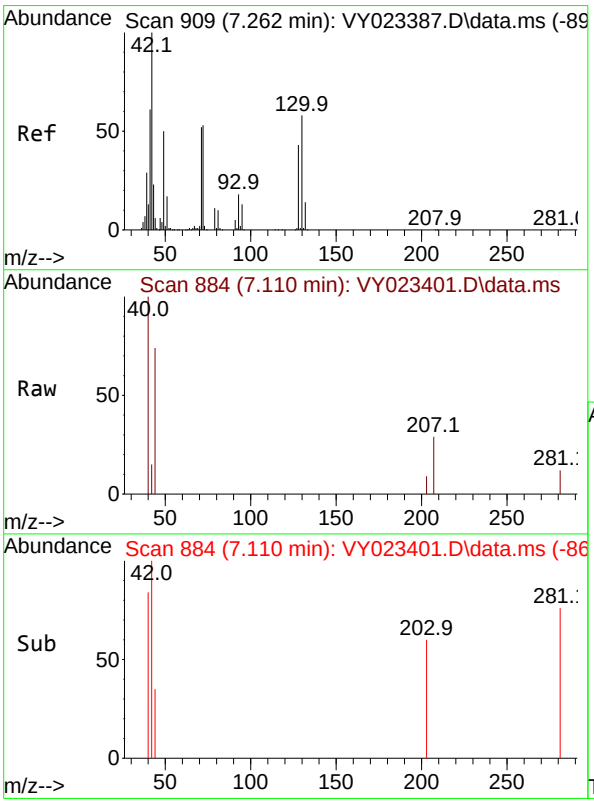
#20
Methylene Chloride
Concen: 2.189 ug/l
RT: 4.616 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 84 Resp: 269

Ion	Ratio	Lower	Upper
84	100		
49	58.5	80.2	120.4#
51	34.0	25.9	38.9
86	0.0	50.6	75.8#

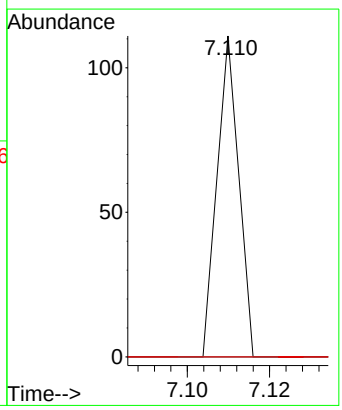


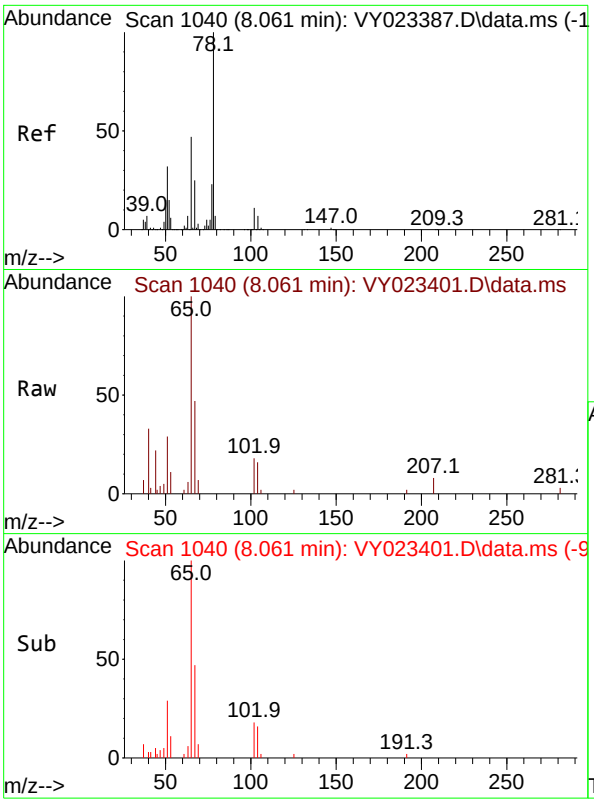


#29
Tetrahydrofuran
Concen: 2.607 ug/l
RT: 7.110 min Scan# 884
Delta R.T. -0.152 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 42 Resp: 41

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.6#
71	0.0	40.1	60.1#



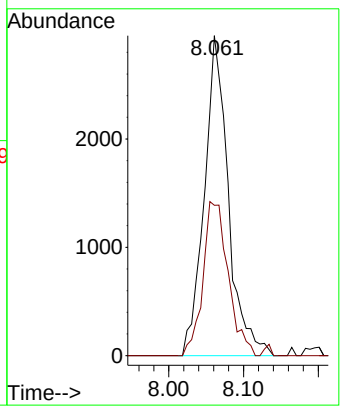


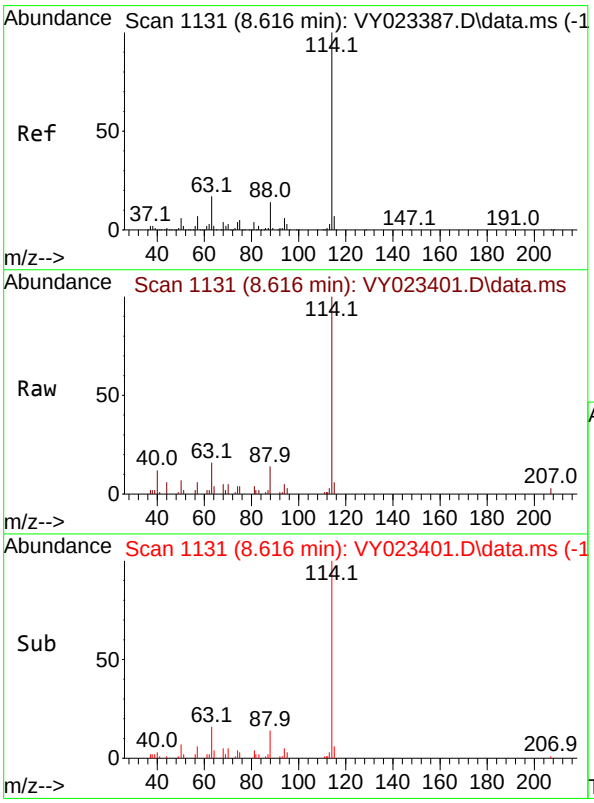
#33
1,2-Dichloroethane-d4
Concen: 69.051 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 65 Resp: 6590

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.8

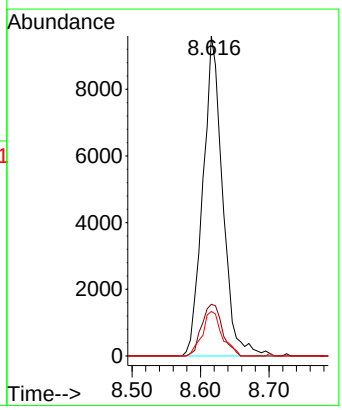


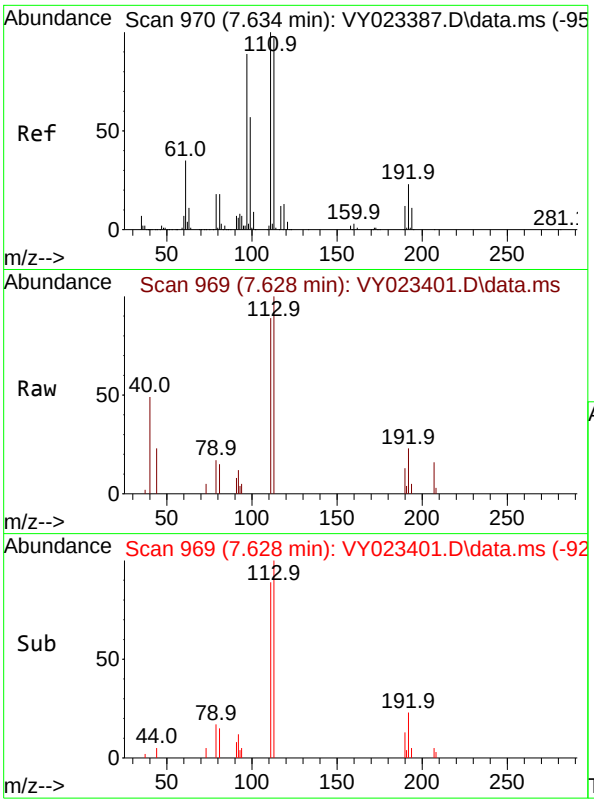


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion:114 Resp: 19229

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.2
88	13.9	0.0	28.4



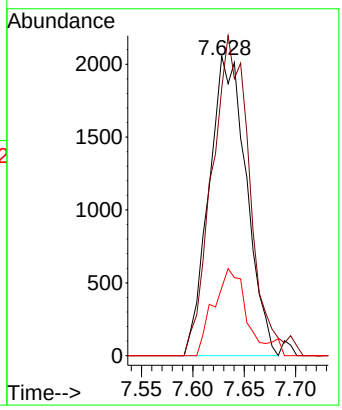


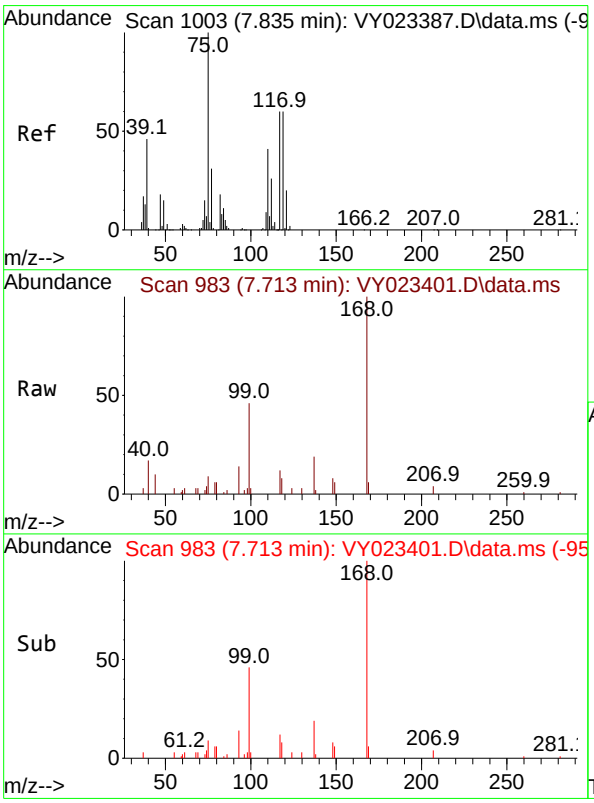
#35
Dibromofluoromethane
Concen: 44.053 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion:113 Resp: 5205

Ion	Ratio	Lower	Upper
113	100		
111	107.5	81.8	122.6
192	26.2	18.0	27.0

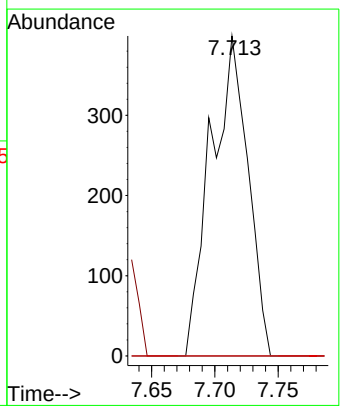


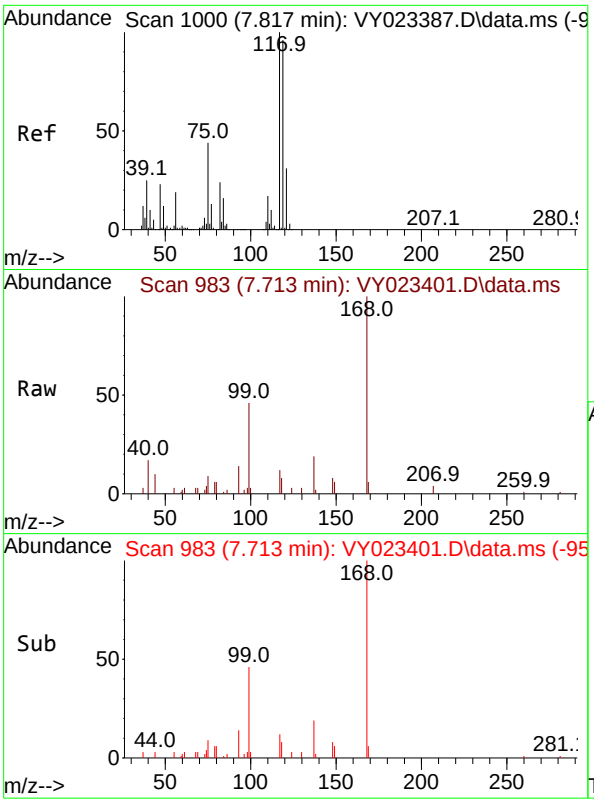


#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 75 Resp: 812

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.7#
77	0.0	25.0	37.6#



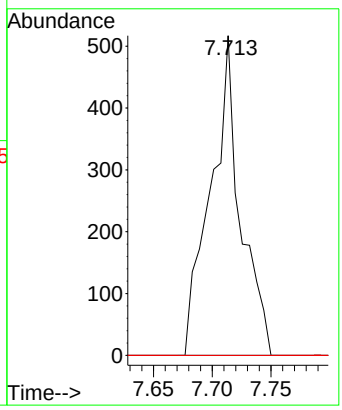


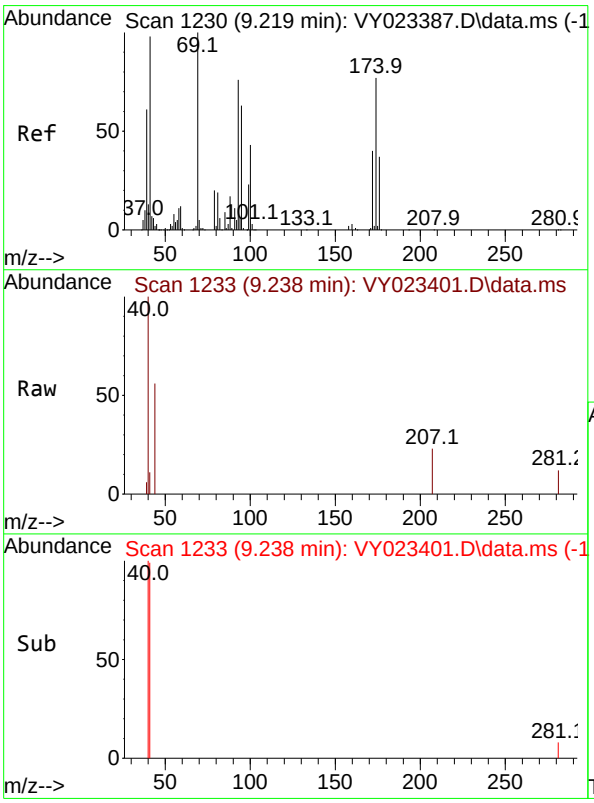
#38
Carbon Tetrachloride
Concen: 4.793 ug/l
RT: 7.713 min Scan# 9
Delta R.T. -0.104 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion:117 Resp: 909

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

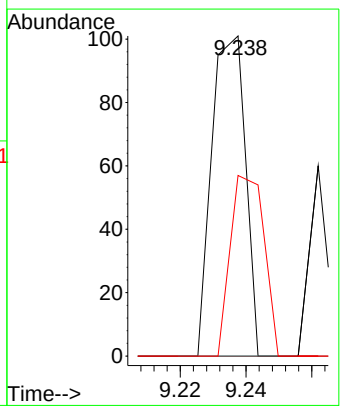


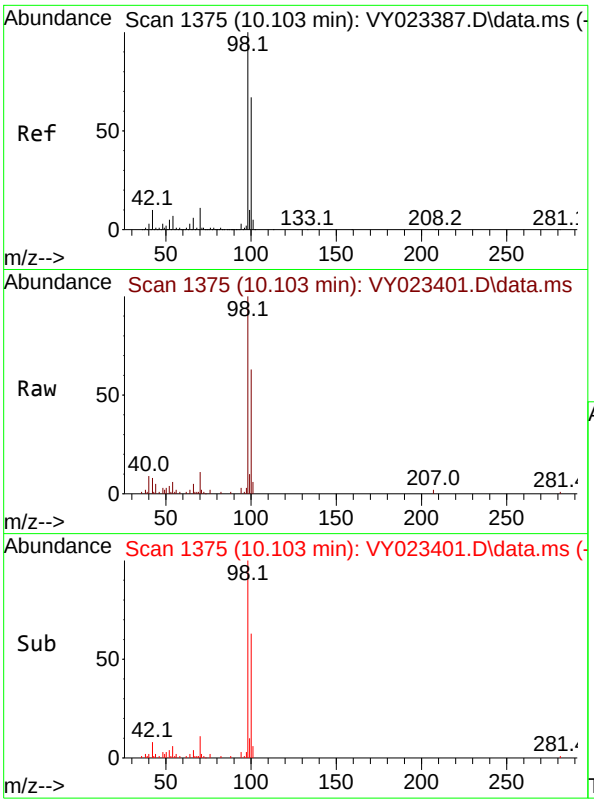


#48
Methyl methacrylate
Concen: 1.240 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.018 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 41 Resp: 72

Ion	Ratio	Lower	Upper
41	100		
69	0.0	81.0	121.4#
39	56.9	48.2	72.4



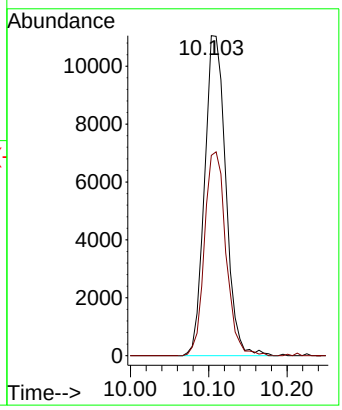


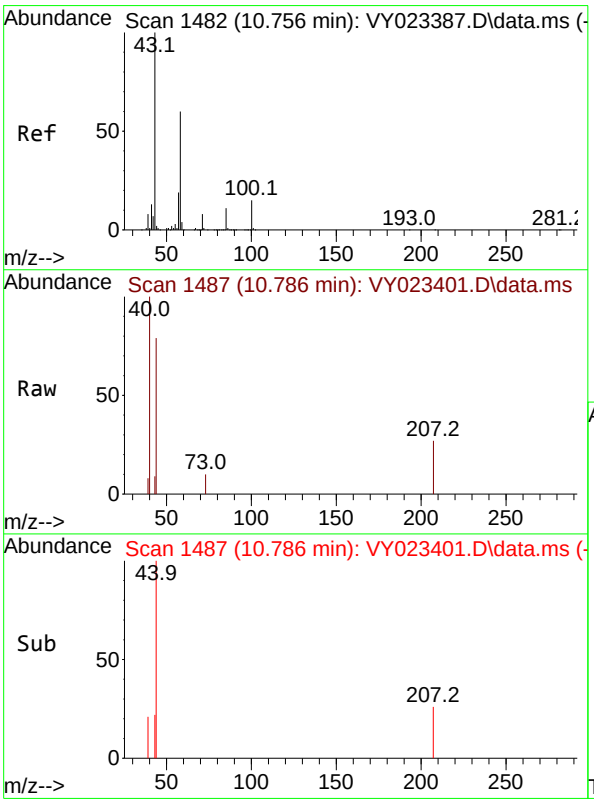
#50
Toluene-d8
Concen: 47.212 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 98 Resp: 20774

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.0	79.4

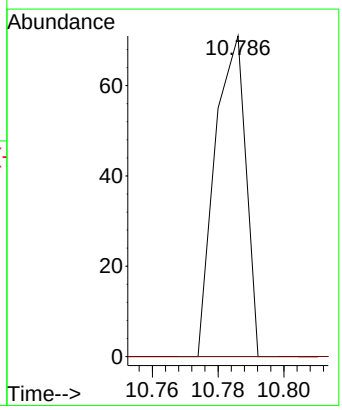


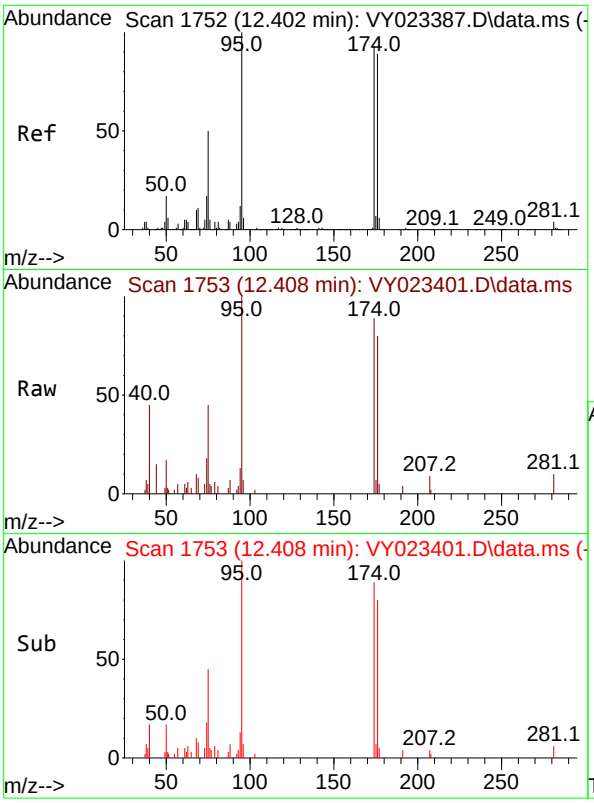


#59
2-Hexanone
Concen: 1.008 ug/l
RT: 10.786 min Scan# 1487
Delta R.T. 0.031 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 43 Resp: 46

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	91.5#



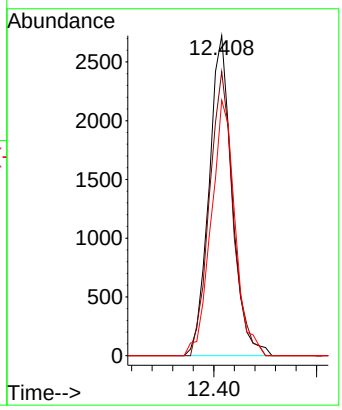


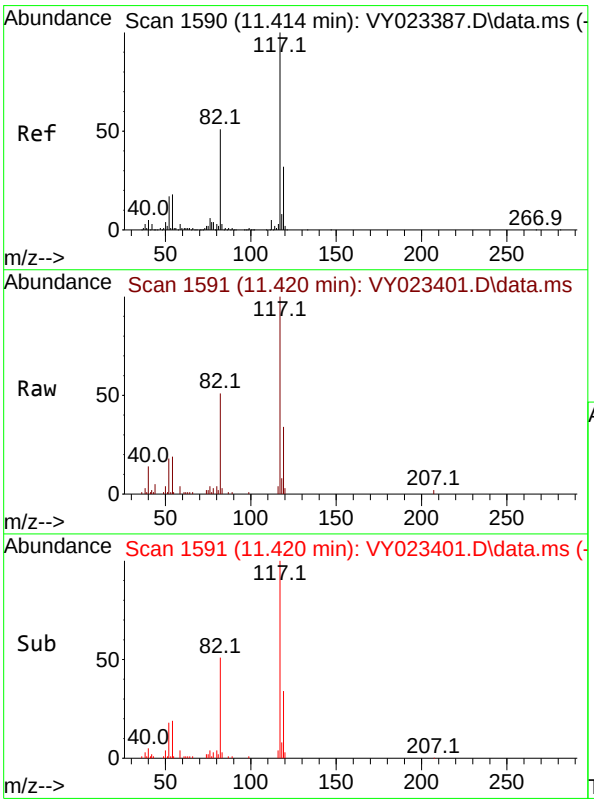
#62
4-Bromofluorobenzene
Concen: 29.201 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 95 Resp: 4242

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	192.8
176	82.5	0.0	187.6

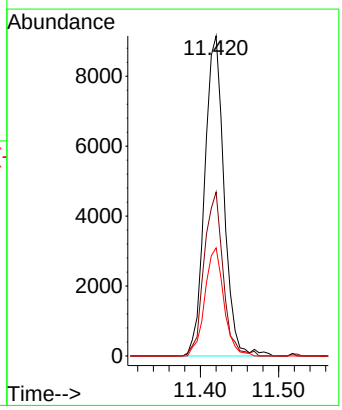


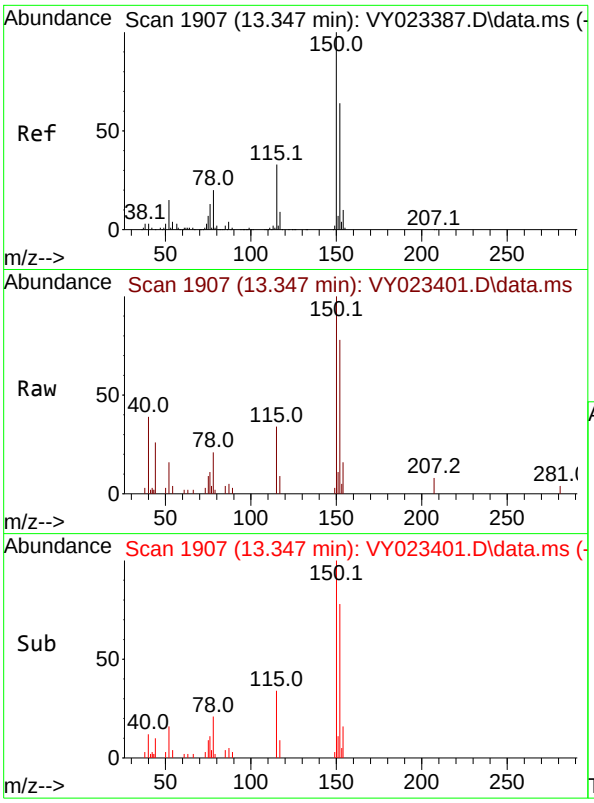


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion:117 Resp: 15659

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.4
119	33.8	25.6	38.4



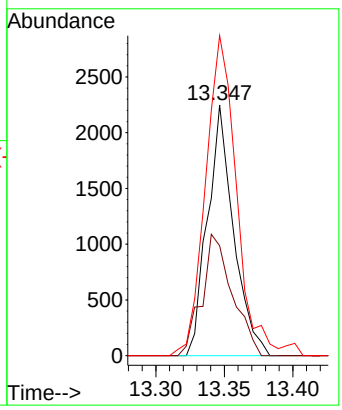


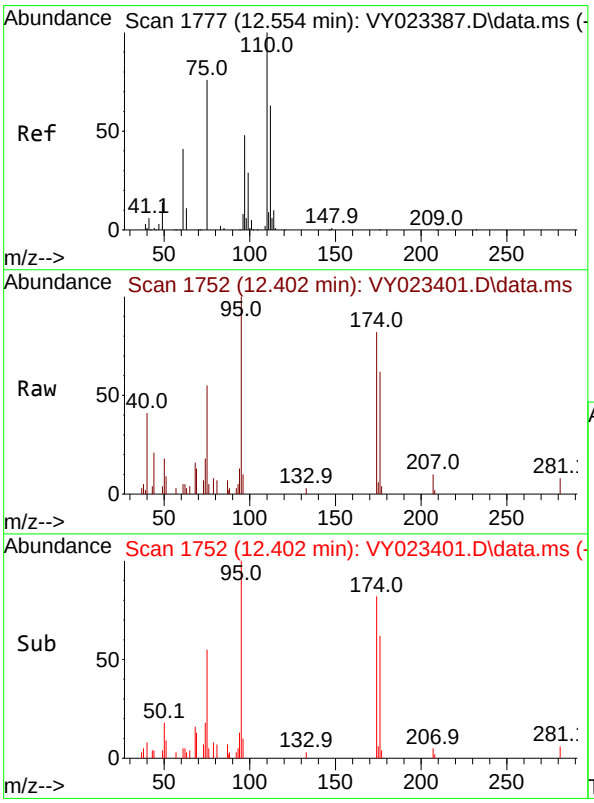
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion:152 Resp: 2980

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.1	81.2
150	152.7	0.0	347.4

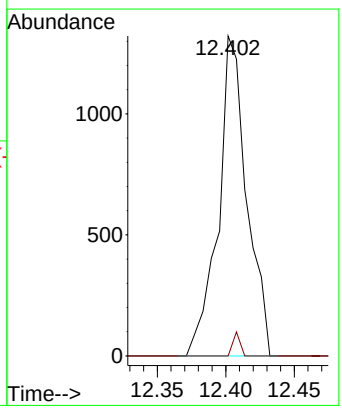


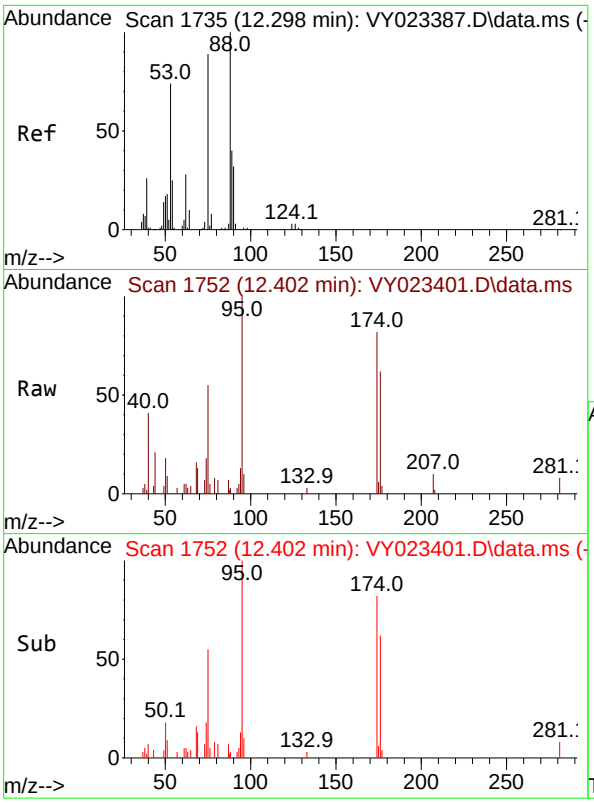


#76
1,2,3-Trichloropropane
Concen: 72.381 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 75 Resp: 1903

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



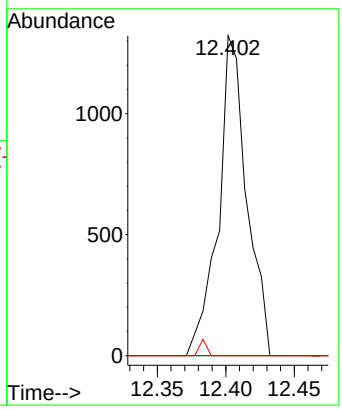


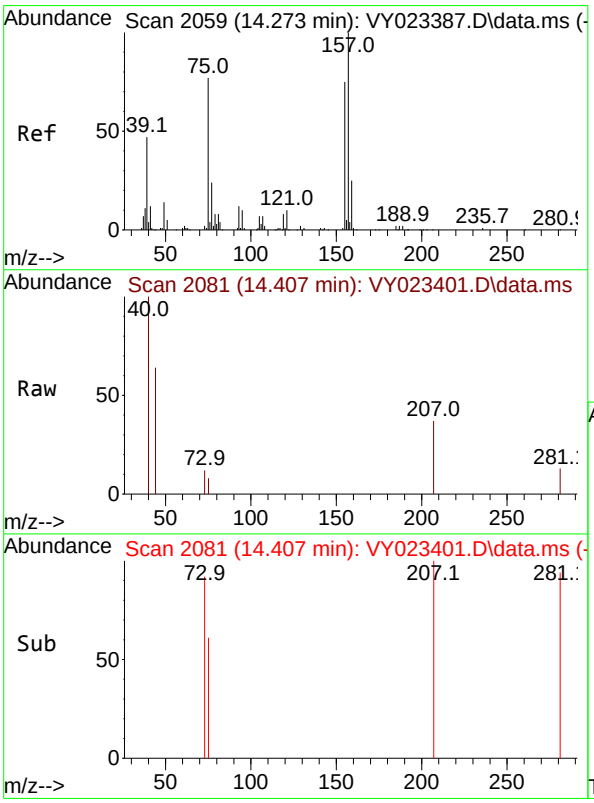
#81
trans-1,4-Dichloro-2-butene
Concen: 177.491 ug/l
RT: 12.402 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-100725

Tgt Ion: 75 Resp: 1903

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	1.3	39.0	58.4#





#92
1,2-Dibromo-3-Chloropropane
Concen: 7.210 ug/l
RT: 14.407 min Scan# 2081
Delta R.T. 0.134 min
Lab File: VY023401.D
Acq: 08 Oct 2025 12:34

Tgt Ion: 75 Resp: 38

Ion	Ratio	Lower	Upper
75	100		
155	0.0	50.0	150.0#
157	0.0	63.8	191.5#