Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021038.D
Acq On : 03 Feb 2025 18:34
Operator : SY/MD
Sample : Q1216-17
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Quant Time: Feb 04 00:58:48 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	7.707	168	27029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	44615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	36780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	15709	56.725	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.440%			
35) Dibromofluoromethane	7.634	113	16598	58.051	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.100%			
50) Toluene-d8	10.109	98	52531	48.259	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.520%			
62) 4-Bromofluorobenzene	12.408	95	12686	35.673	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 71.340%			
Target Compounds						Qvalue
3) Chloromethane	2.080	50	243	1.022	ug/l #	41
5) Bromomethane	2.611	94	244	1.650	ug/l #	67
10) Methyl Iodide	4.025	142	462	1.520	ug/l #	87
11) Tert butyl alcohol	4.866	59	22	1.172	ug/l #	75
16) Acetone	3.860	43	1163	26.929	ug/l #	76
25) 2-Butanone	6.902	43	311	4.382	ug/l #	48
31) Cyclohexane	7.701	56	601	1.272	ug/l #	53
36) 1,1-Dichloropropene	7.707	75	2107	4.975	ug/l #	50
37) Ethyl Acetate	6.902	43	311	1.674	ug/l #	1
38) Carbon Tetrachloride	7.707	117	3090	6.244	ug/l #	12
51) 4-Methyl-2-Pentanone	9.999	43	374	2.015	ug/l #	45
76) 1,2,3-Trichloropropane	12.408	75	6823	69.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	6823	141.950	ug/l #	12

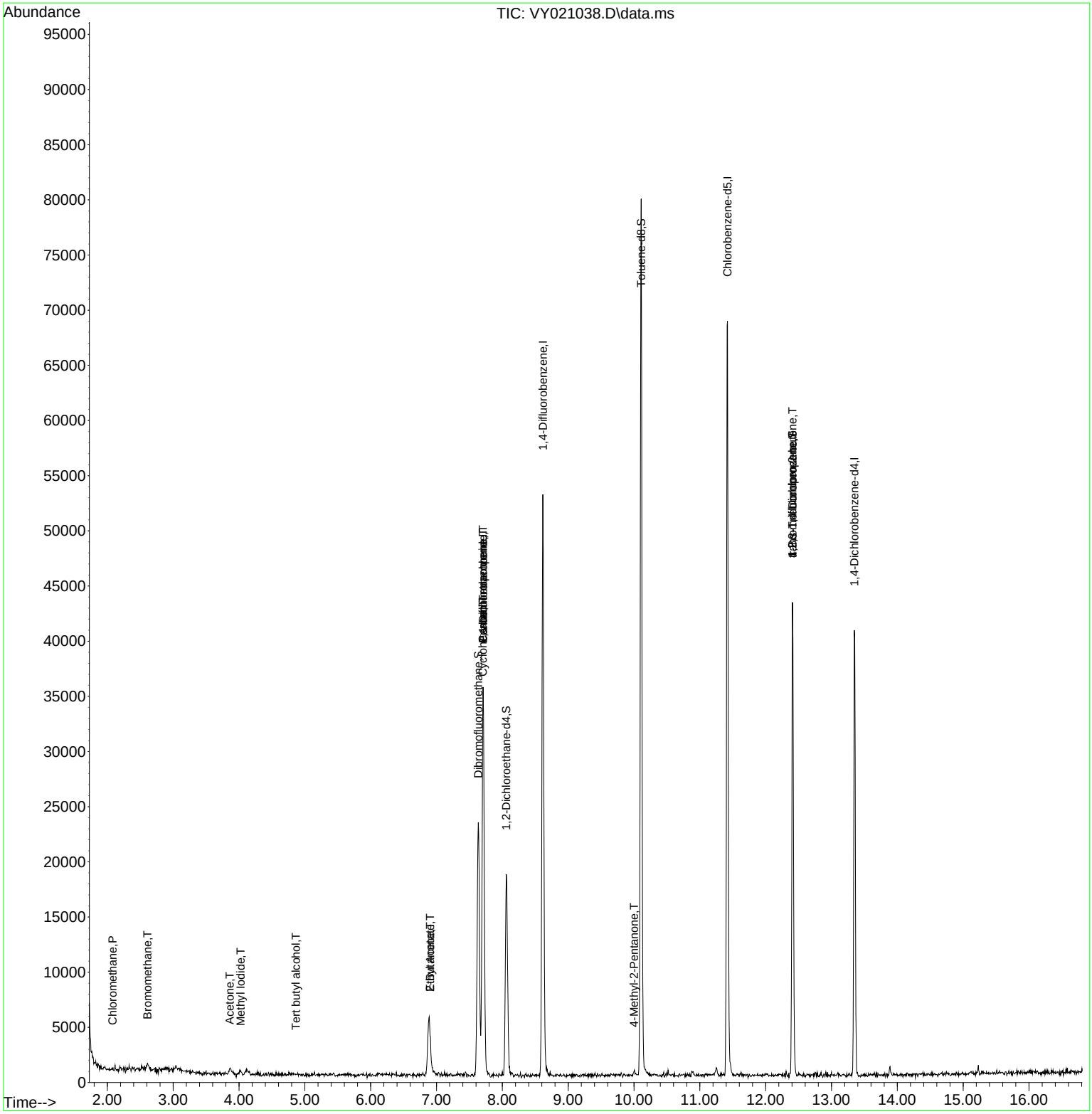
(#) = qualifier out of range (m) = manual integration (+) = signals summed

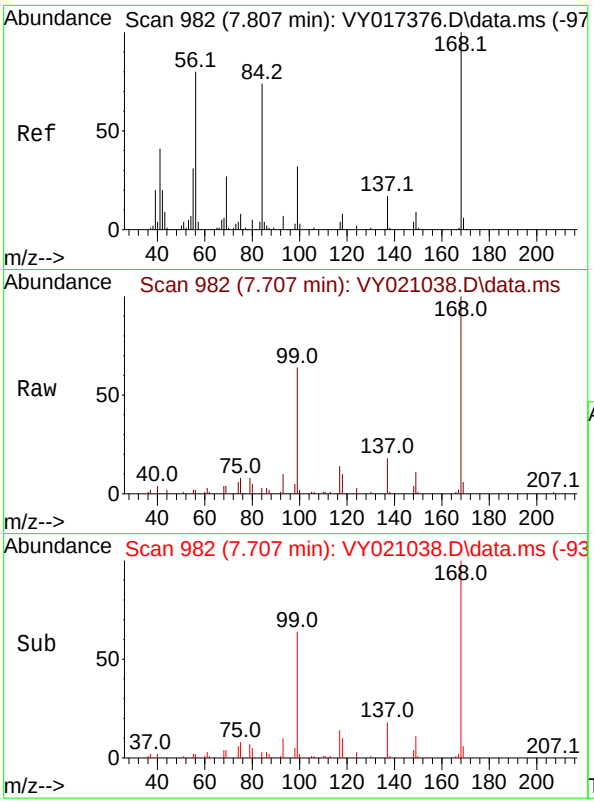
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
Data File : VY021038.D
Acq On : 03 Feb 2025 18:34
Operator : SY/MD
Sample : Q1216-17
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Quant Time: Feb 04 00:58:48 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



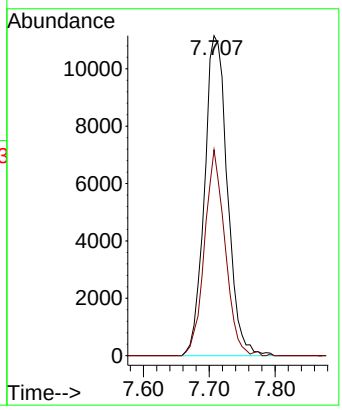


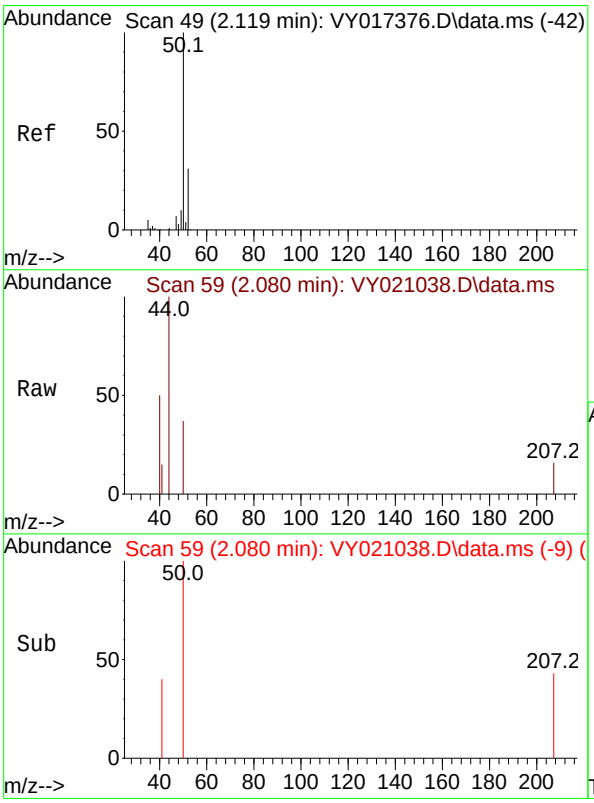
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion:168 Resp: 27029

Ion	Ratio	Lower	Upper
168	100		
99	64.4	44.2	66.4

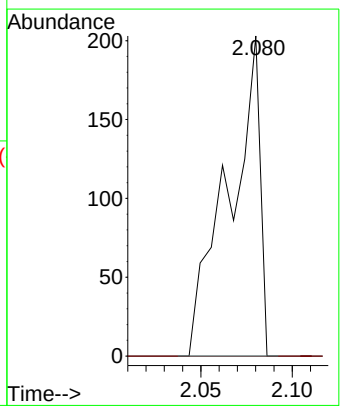


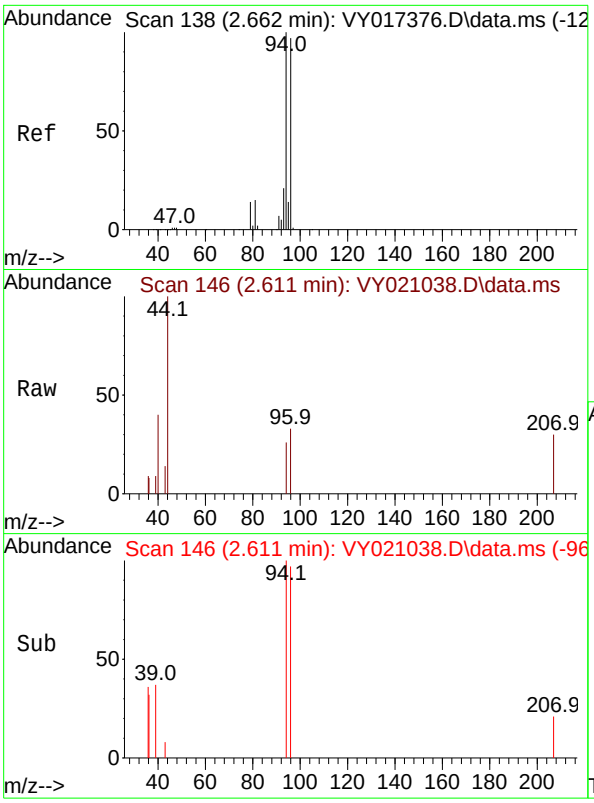


#3
Chloromethane
Concen: 1.022 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 50 Resp: 243

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.7	40.1#



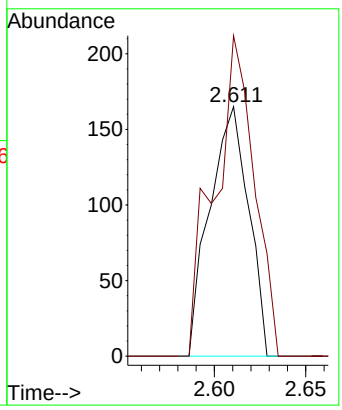


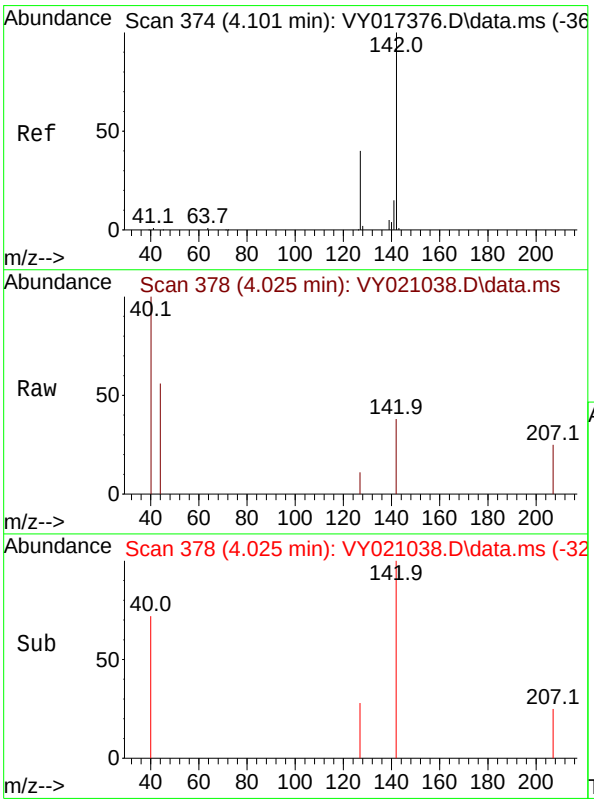
#5
Bromomethane
Concen: 1.650 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 94 Resp: 244

Ion	Ratio	Lower	Upper
94	100		
96	128.5	77.3	115.9#

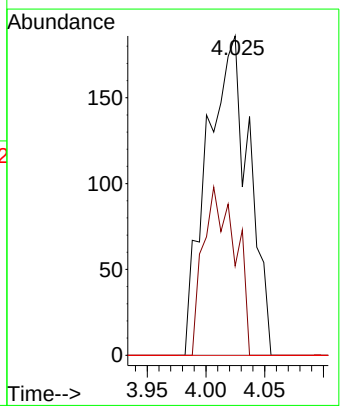


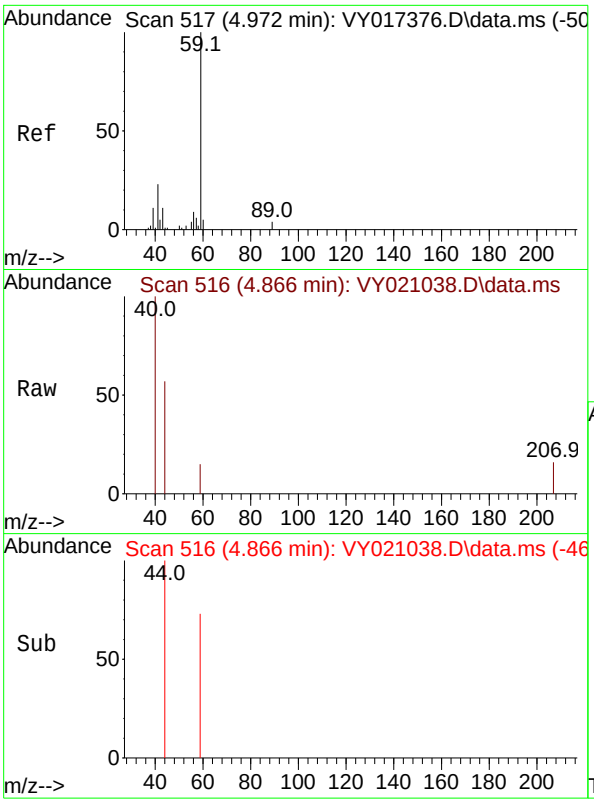


#10
Methyl Iodide
Concen: 1.520 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion:142 Resp: 462

Ion	Ratio	Lower	Upper
142	100		
127	40.5	35.1	52.7
141	0.0	11.8	17.6#



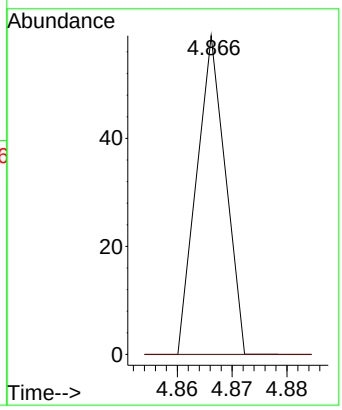


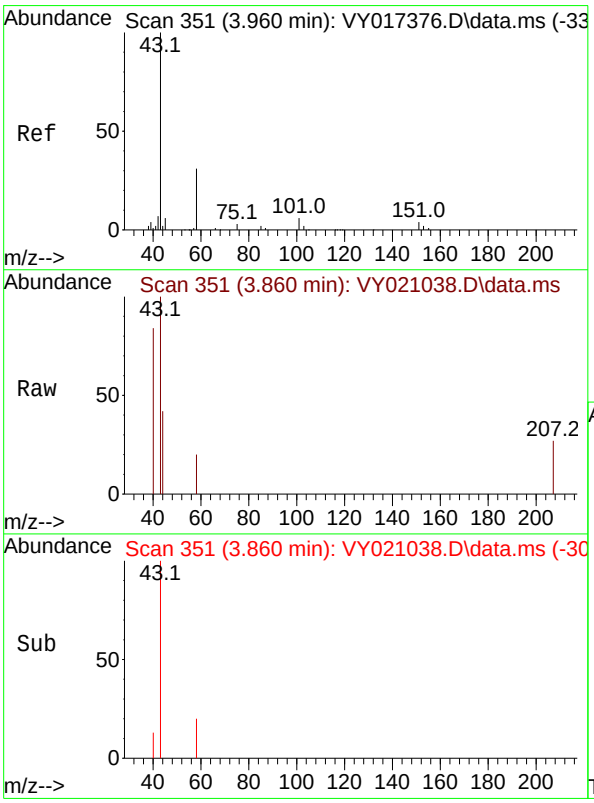
#11
Tert butyl alcohol
Concen: 1.172 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 59 Resp: 22

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#

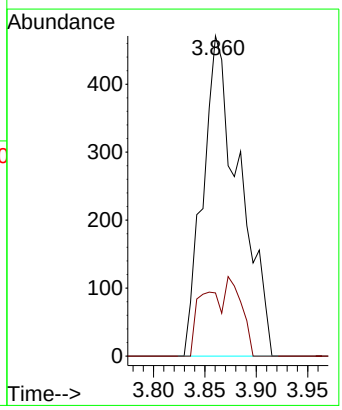


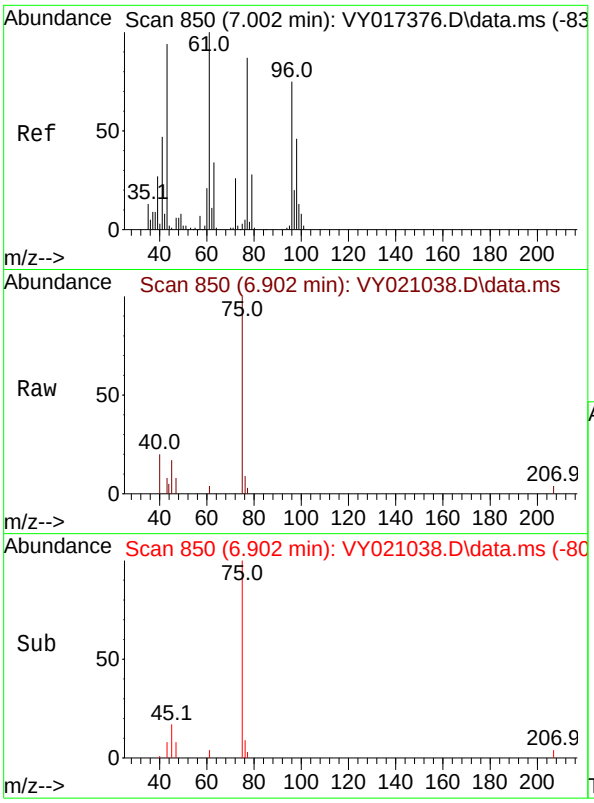


#16
Acetone
Concen: 26.929 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 43 Resp: 1163

Ion	Ratio	Lower	Upper
43	100		
58	19.7	26.6	39.8#



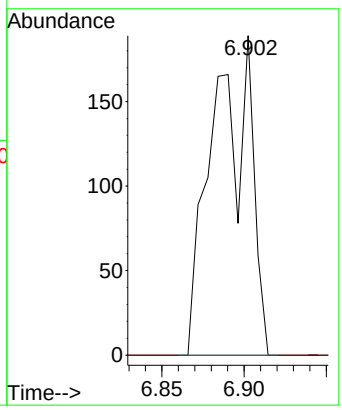


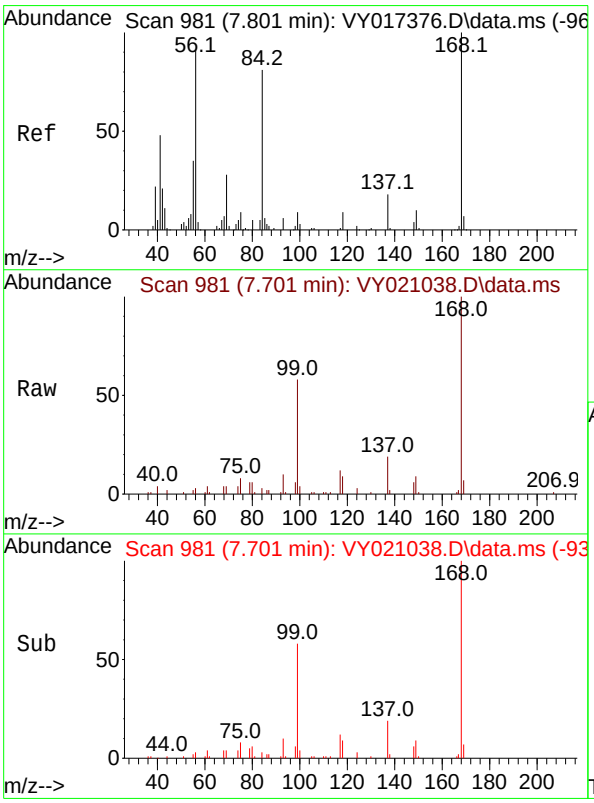
#25
2-Butanone
Concen: 4.382 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 43 Resp: 311

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

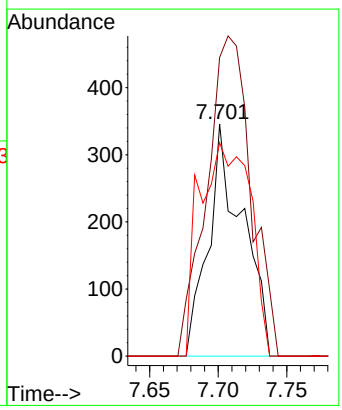


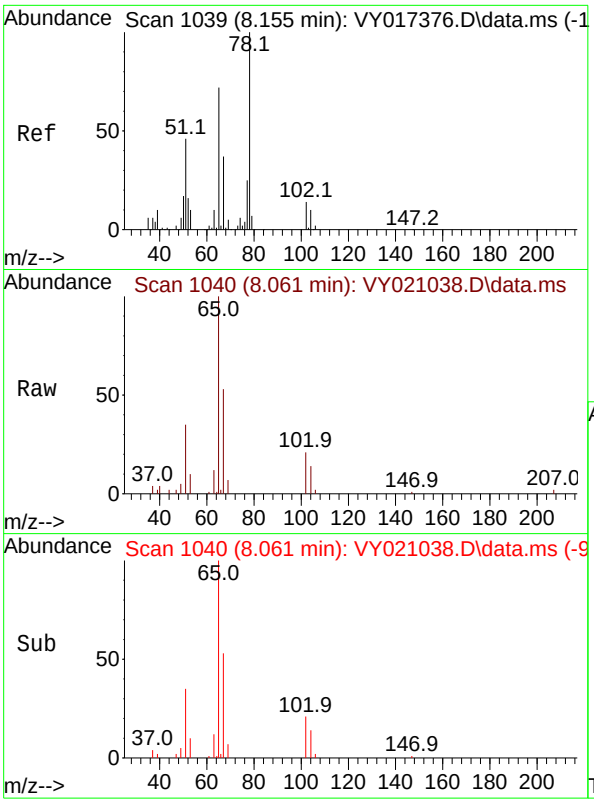


#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 56 Resp: 601

Ion	Ratio	Lower	Upper
56	100		
69	128.6	27.0	40.6#
84	91.9	71.8	107.6



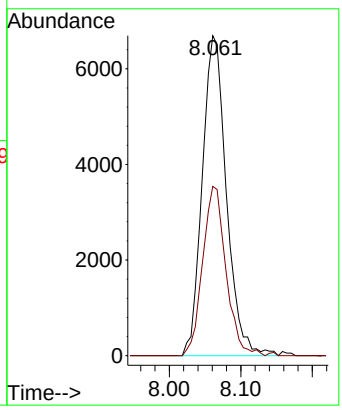


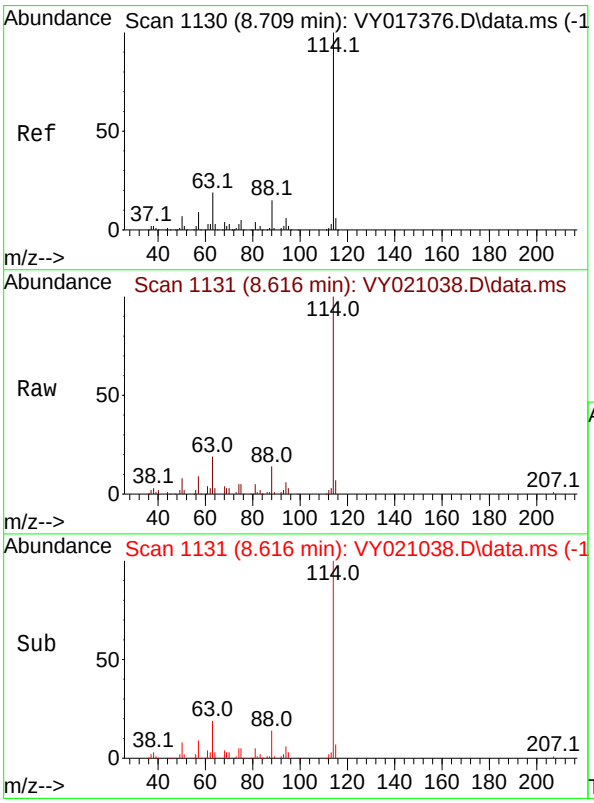
#33
1,2-Dichloroethane-d4
Concen: 56.725 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 65 Resp: 15709

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.0

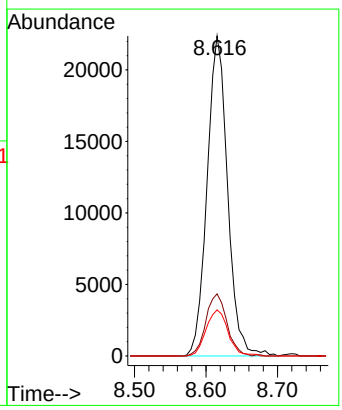


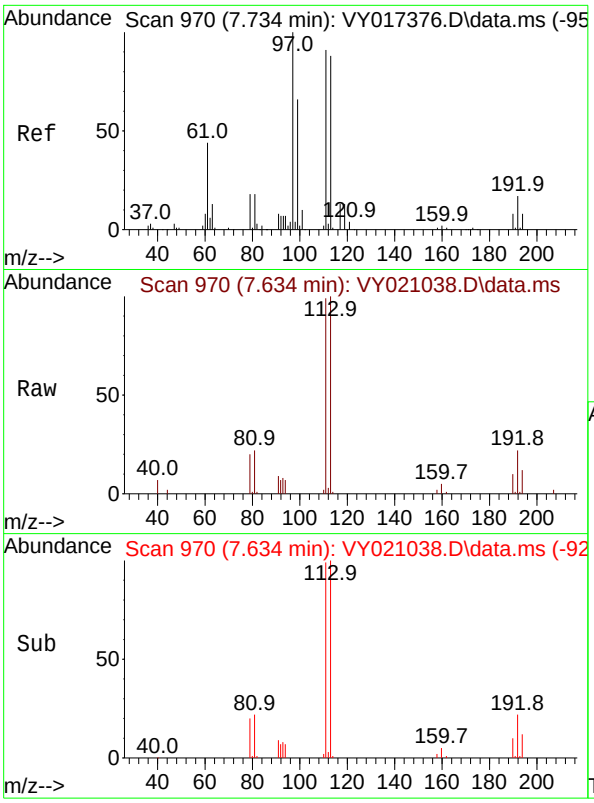


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion:114 Resp: 44615

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.4
88	14.4	0.0	29.0



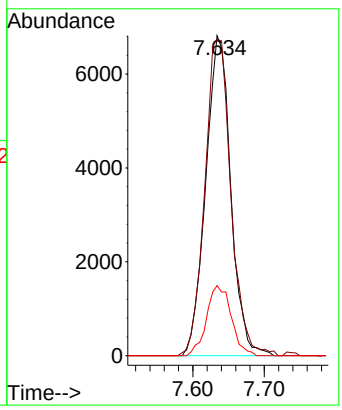


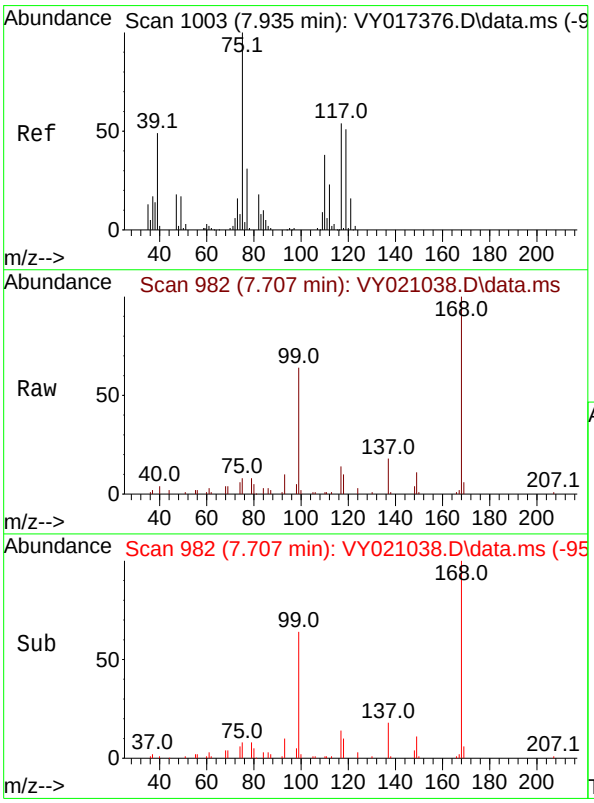
#35
Dibromofluoromethane
Concen: 58.051 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion:113 Resp: 16598

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	21.6	14.5	21.7

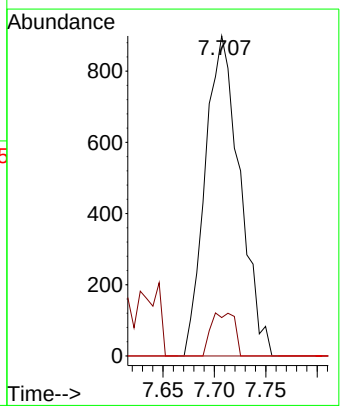


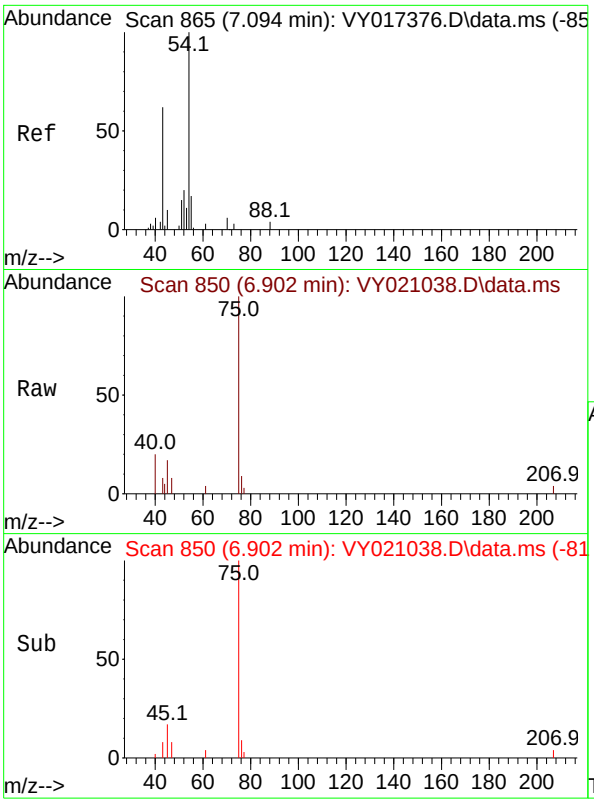


#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 75 Resp: 2107

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.4	52.3#
77	0.0	24.7	37.1#



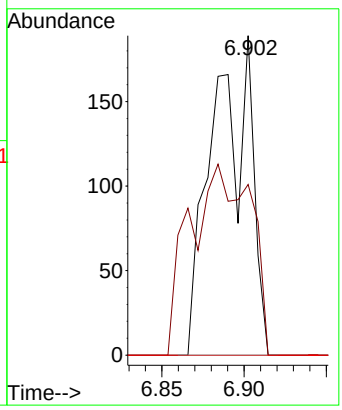


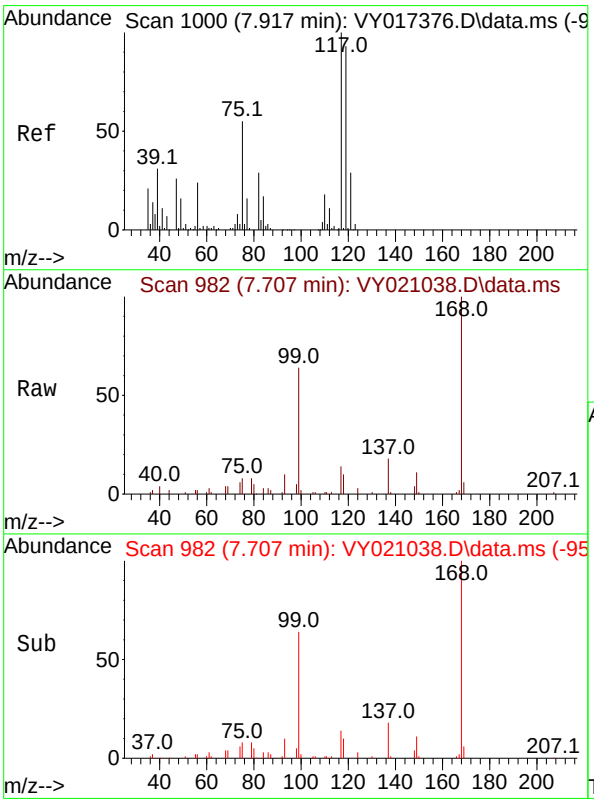
#37
Ethyl Acetate
Concen: 1.674 ug/l
RT: 6.902 min Scan# 8
Delta R.T. -0.086 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 43 Resp: 311

Ion	Ratio	Lower	Upper
43	100		
61	93.2	11.0	16.6#
70	0.0	8.1	12.1#

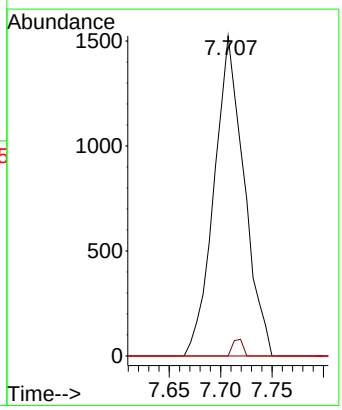


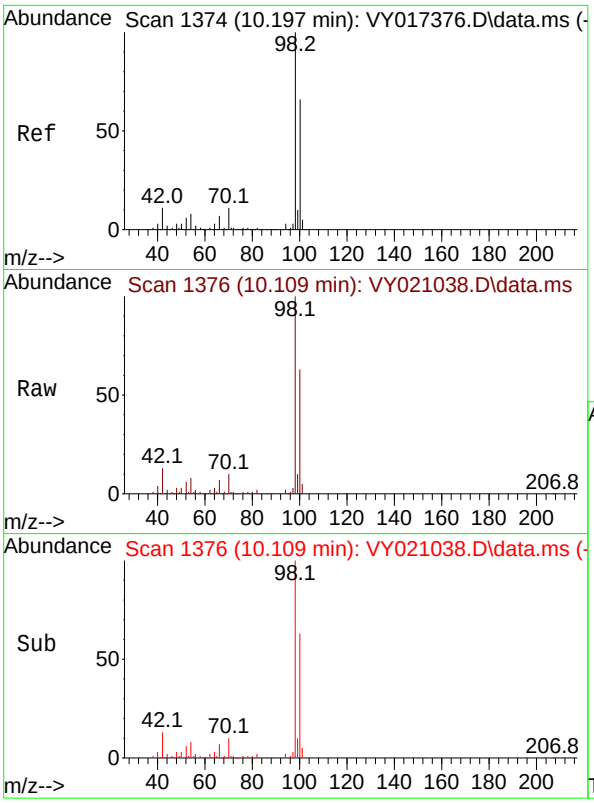


#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion:117 Resp: 3090

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



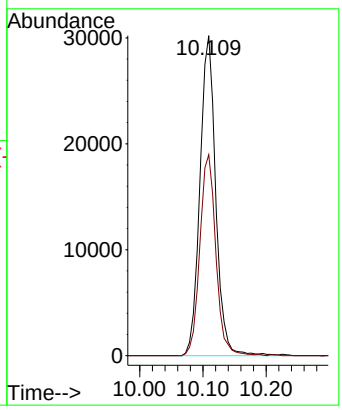


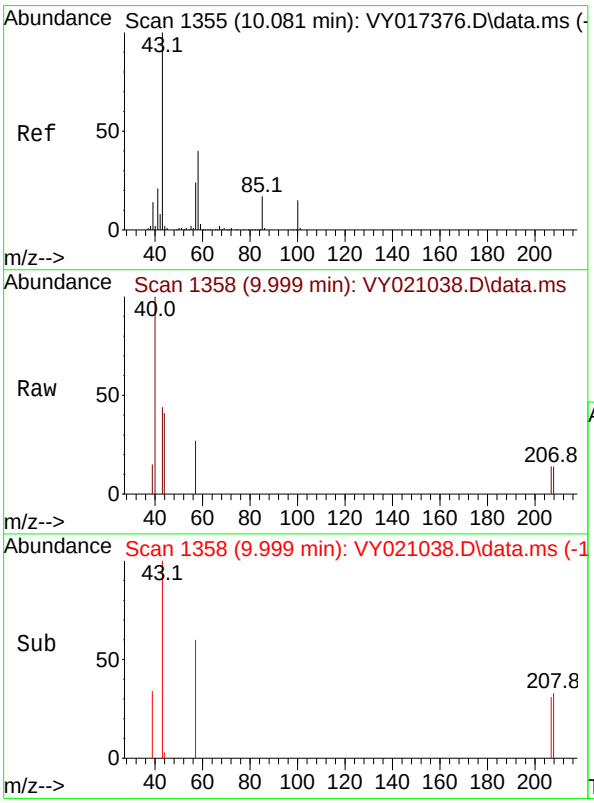
#50
Toluene-d8
Concen: 48.259 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 98 Resp: 52531

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5

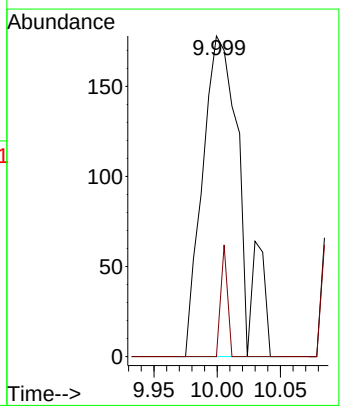


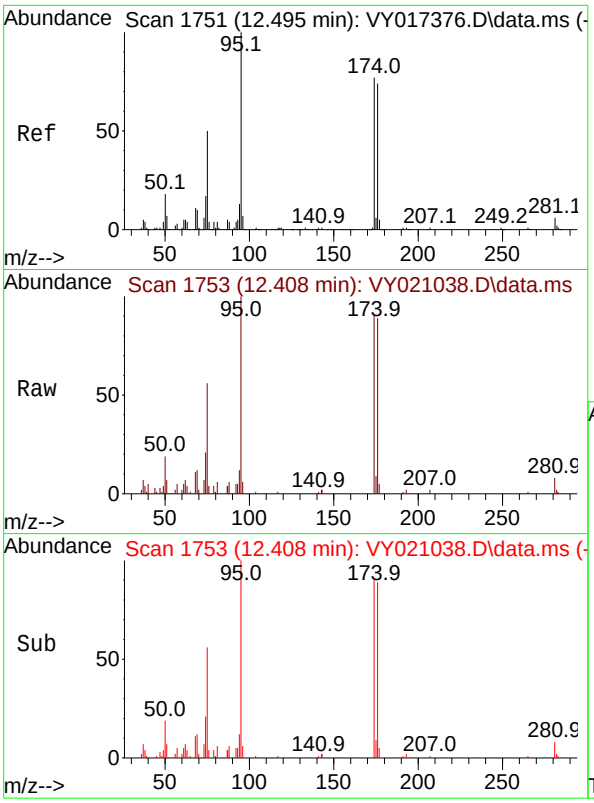


#51
4-Methyl-2-Pentanone
Concen: 2.015 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 43 Resp: 374

Ion	Ratio	Lower	Upper
43	100		
58	6.1	32.2	48.2#



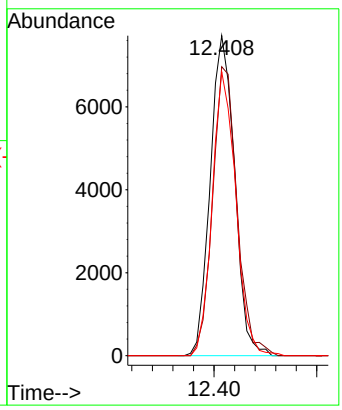


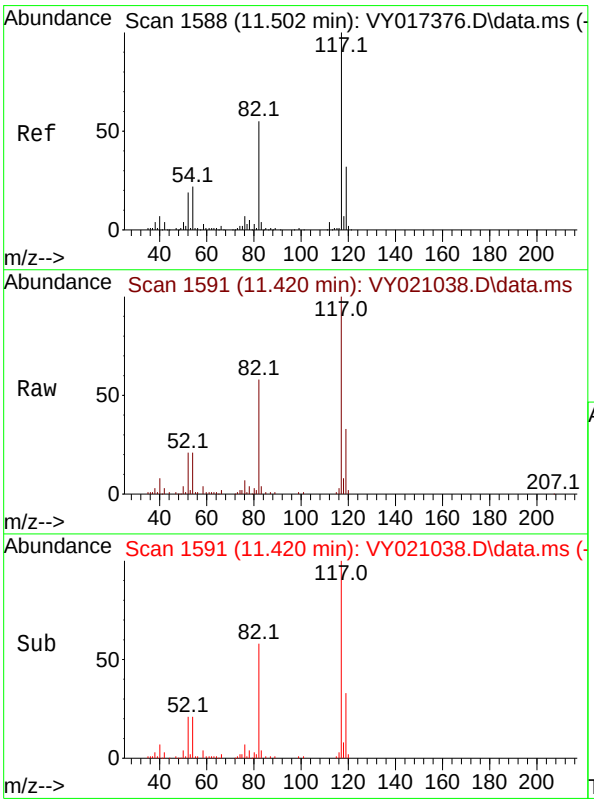
#62
4-Bromofluorobenzene
Concen: 35.673 ug/l
RT: 12.408 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 95 Resp: 12686

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	160.0
176	85.9	0.0	151.8

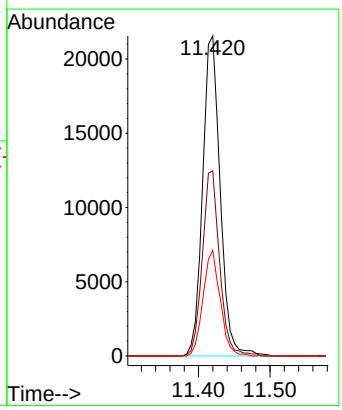


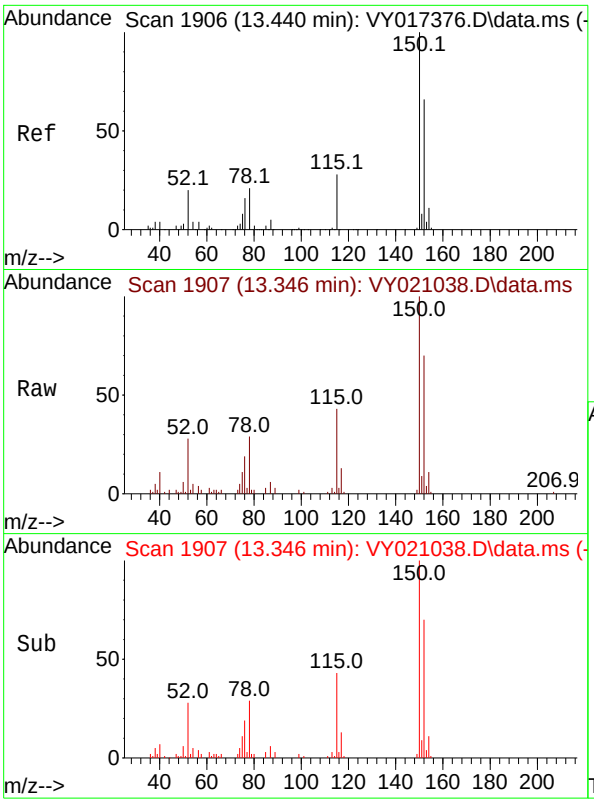


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion:117 Resp: 36780

Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.8	65.8
119	33.0	26.5	39.7



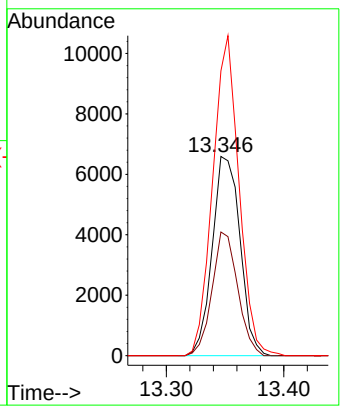


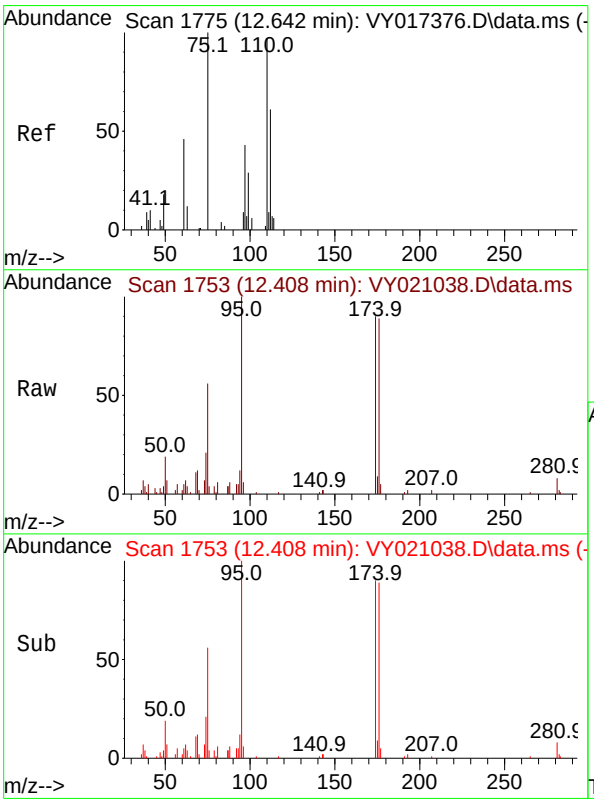
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion:152 Resp: 10812

Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.0	90.0
150	152.0	0.0	344.6

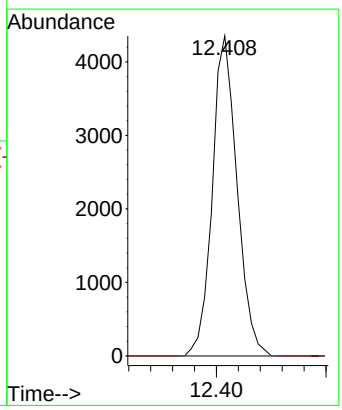


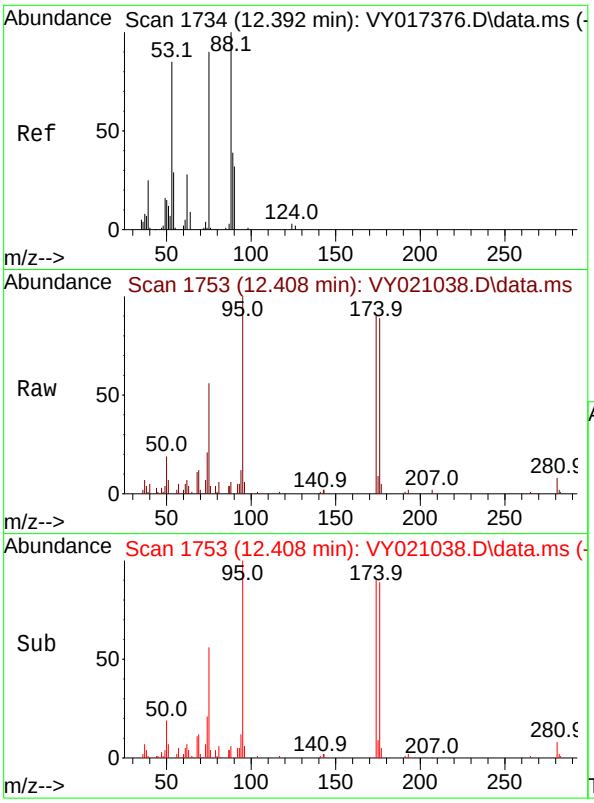


#76
1,2,3-Trichloropropane
Concen: 69.567 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Tgt Ion: 75 Resp: 6823

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 141.950 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY021038.D
Acq: 03 Feb 2025 18:34

Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.2-012825

Tgt Ion: 75 Resp: 6823

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