Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020865.D
Acq On : 17 Jan 2025 19:04
Operator : SY/MD
Sample : Q1123-02
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	2859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	4141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1760	72.426	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.860%			
35) Dibromofluoromethane	7.640	113	1546	59.592	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.180%			
50) Toluene-d8	10.115	98	4340	47.989	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.414	95	417	12.486	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 24.980%#			
Target Compounds						Qvalue
5) Bromomethane	2.641	94	26	2.972	ug/l #	4
10) Methyl Iodide	4.013	142	284	10.411	ug/l #	35
16) Acetone	3.873	43	368	106.494	ug/l #	41
36) 1,1-Dichloropropene	7.719	75	101	3.052	ug/l #	40
38) Carbon Tetrachloride	7.695	117	217	4.711	ug/l #	12
51) 4-Methyl-2-Pentanone	10.006	43	20	1.495	ug/l #	32
76) 1,2,3-Trichloropropane	12.414	75	166	49.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	166	103.367	ug/l #	14
95) Naphthalene	15.151	128	104	9.131	ug/l #	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020865.D
Acq On : 17 Jan 2025 19:04
Operator : SY/MD
Sample : Q1123-02
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

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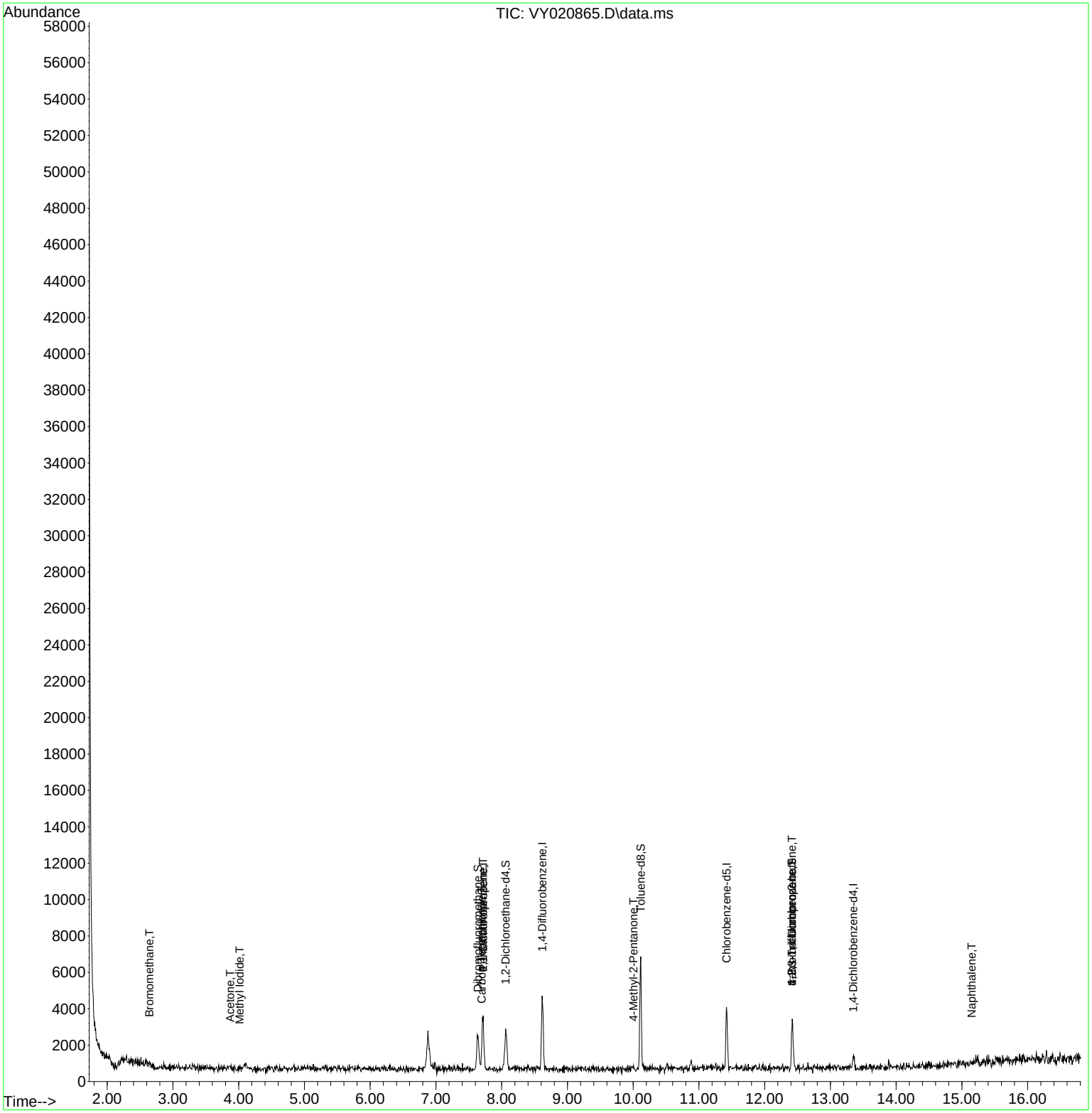
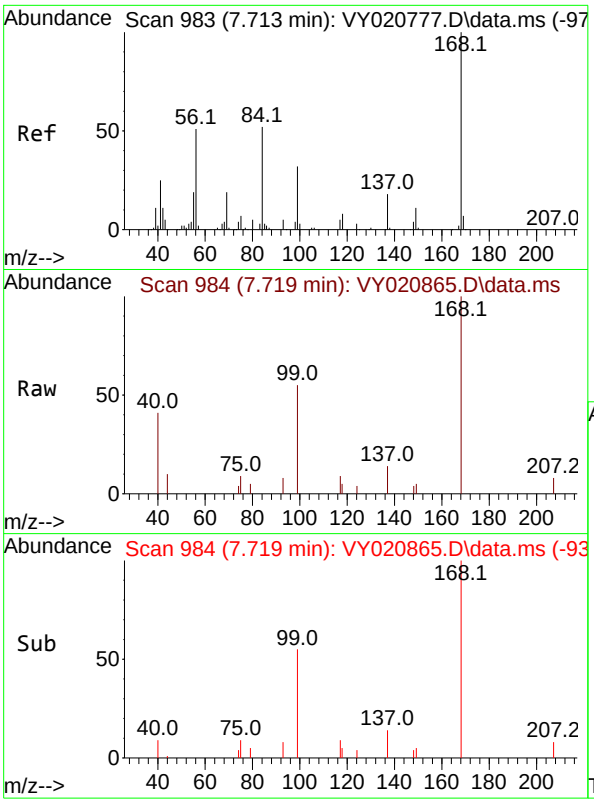
MSVOA_Y
ClientSampleId :

Quant Time: Jan 17 23:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration



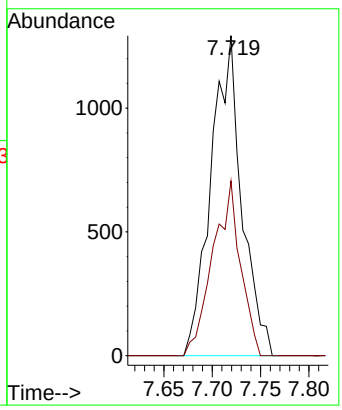


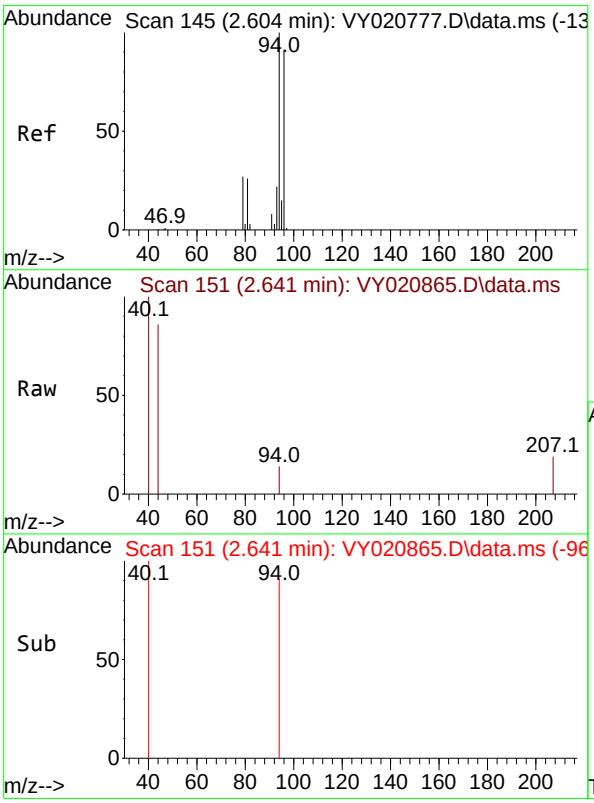
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 2859

Ion	Ratio	Lower	Upper
168	100		
99	54.6	44.3	66.5

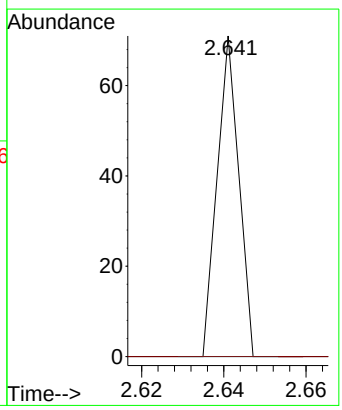


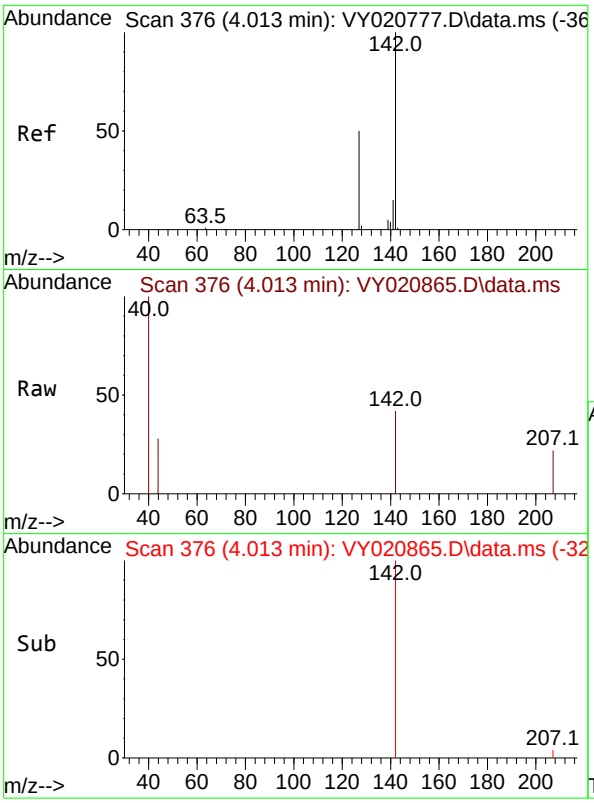


#5
Bromomethane
Concen: 2.972 ug/l
RT: 2.641 min Scan# 151
Delta R.T. 0.037 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 94 Resp: 26

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.6	109.0#



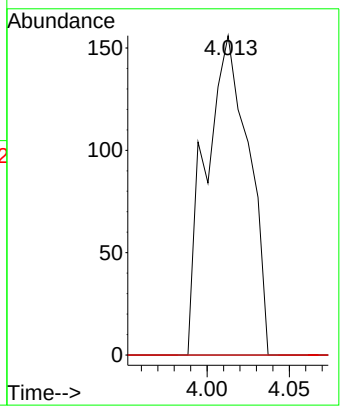


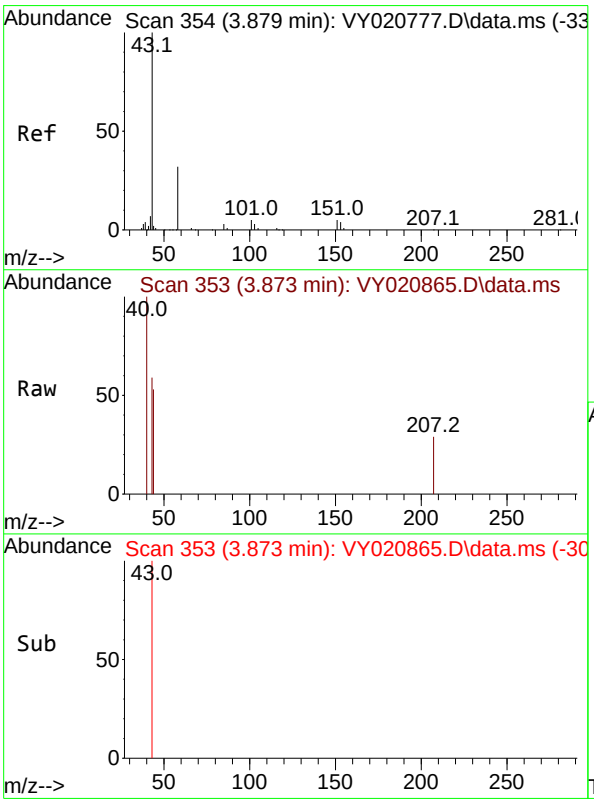
#10
Methyl Iodide
Concen: 10.411 ug/l
RT: 4.013 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 284

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.0	61.6#
141	0.0	11.6	17.4#

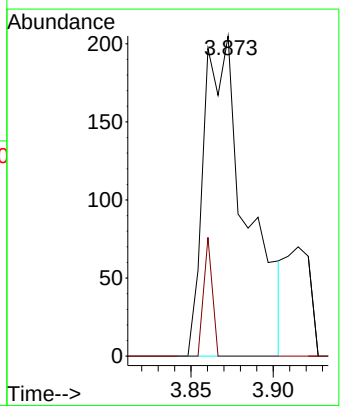


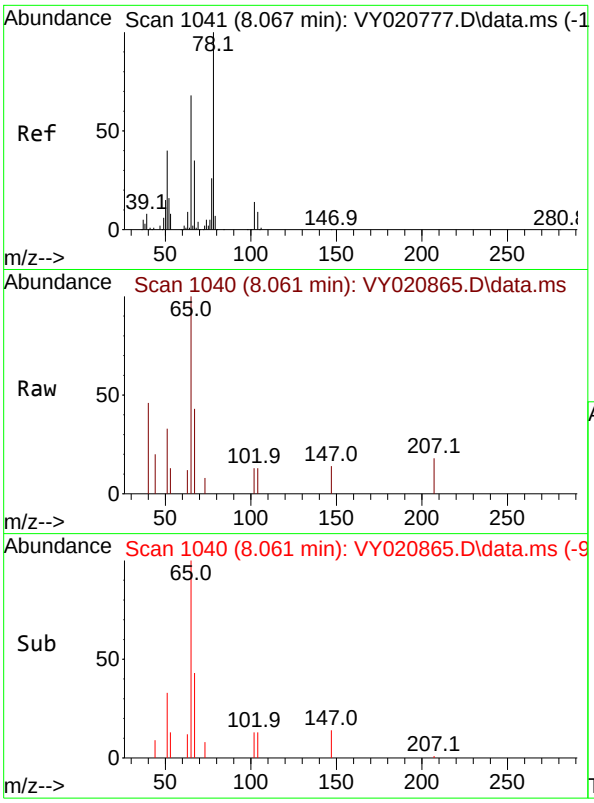


#16
Acetone
Concen: 106.494 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 43 Resp: 368

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	40.1#



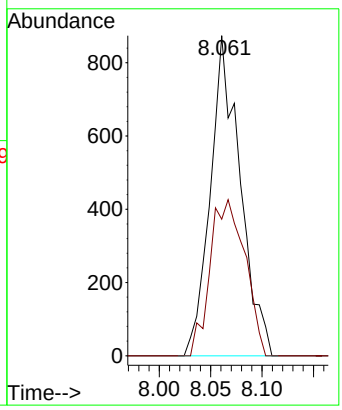


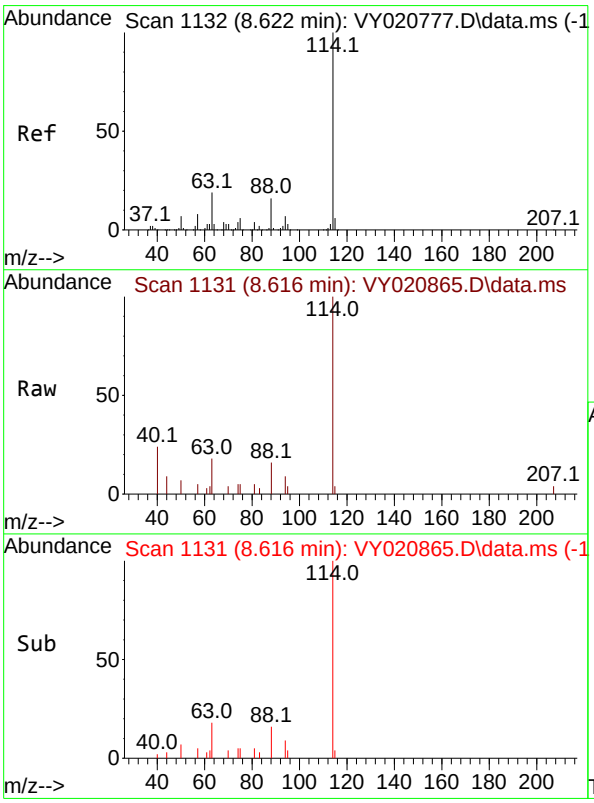
#33
1,2-Dichloroethane-d4
Concen: 72.426 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 1760

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	102.8

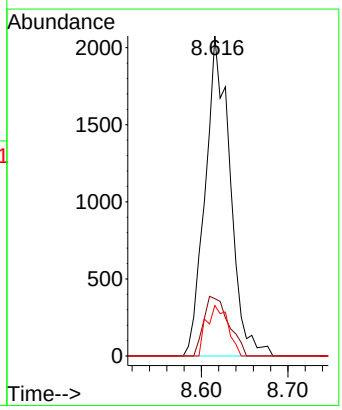


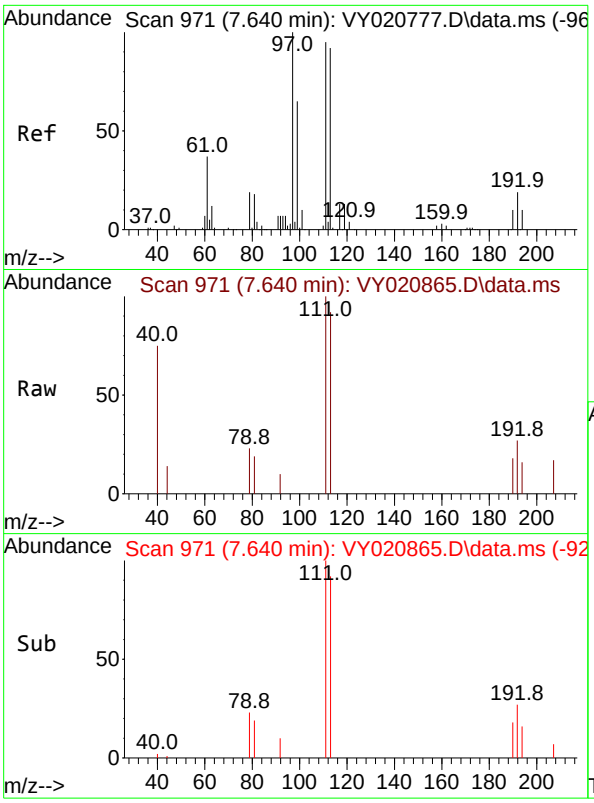


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion:114 Resp: 4141

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	15.8	0.0	31.2



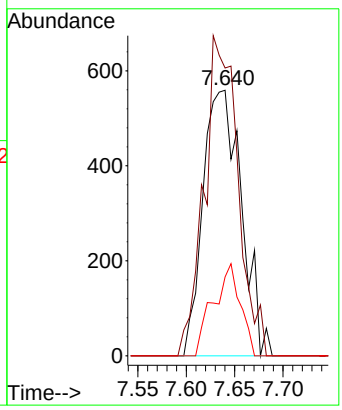


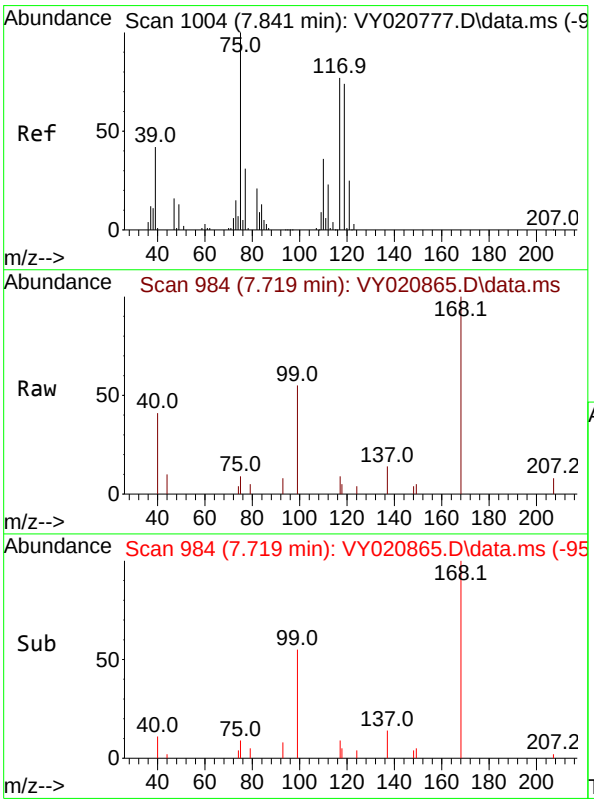
#35
Dibromofluoromethane
Concen: 59.592 ug/l
RT: 7.640 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 1546

Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.7	122.5
192	24.4	16.7	25.1

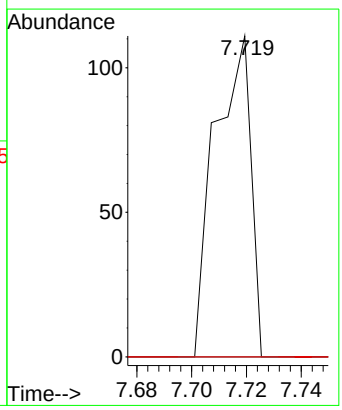


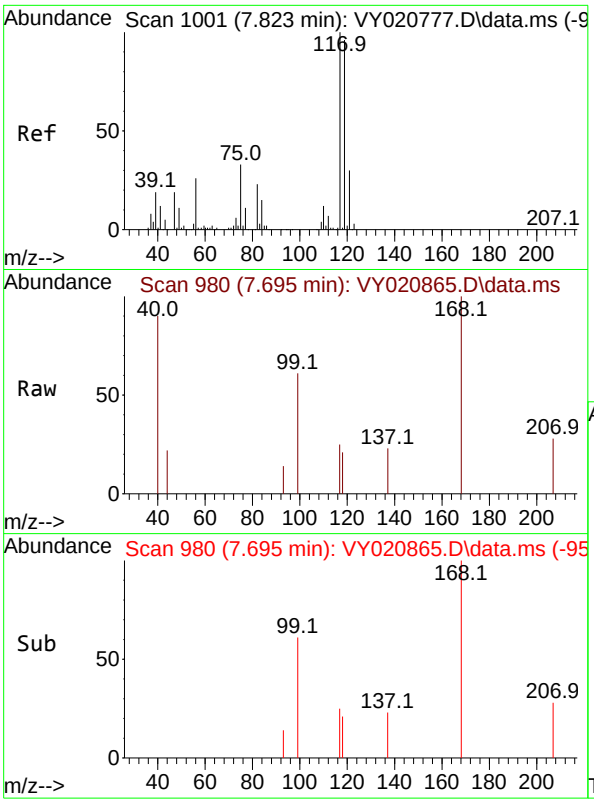


#36
1,1-Dichloropropene
Concen: 3.052 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 75 Resp: 101

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	55.5#
77	0.0	25.0	37.4#



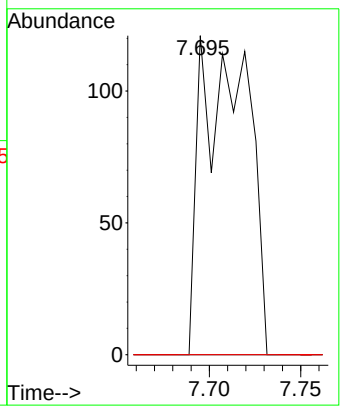


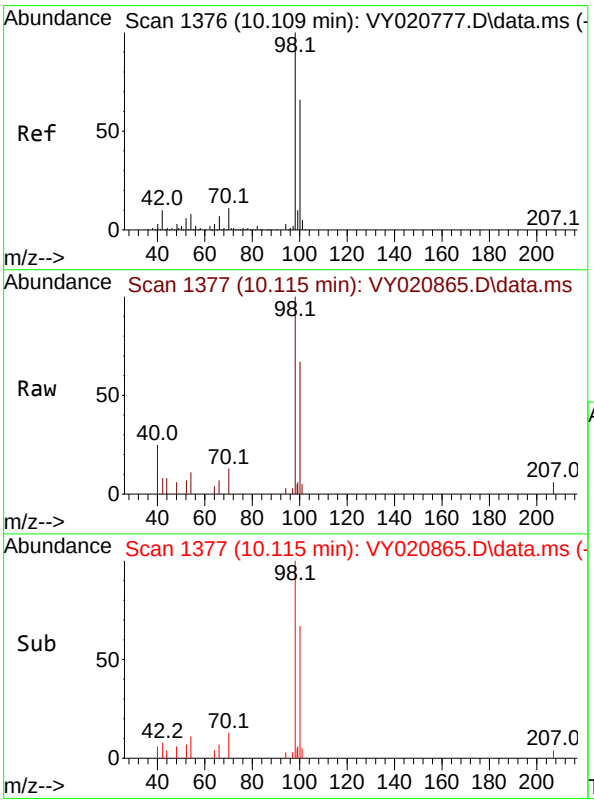
#38
Carbon Tetrachloride
Concen: 4.711 ug/l
RT: 7.695 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 217

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.5	114.7#
121	0.0	24.3	36.5#

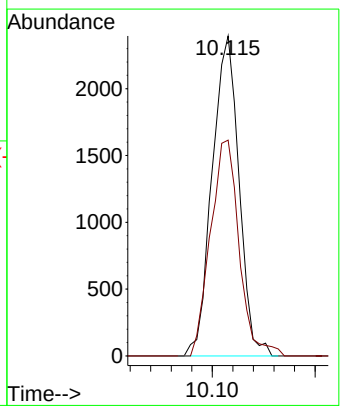


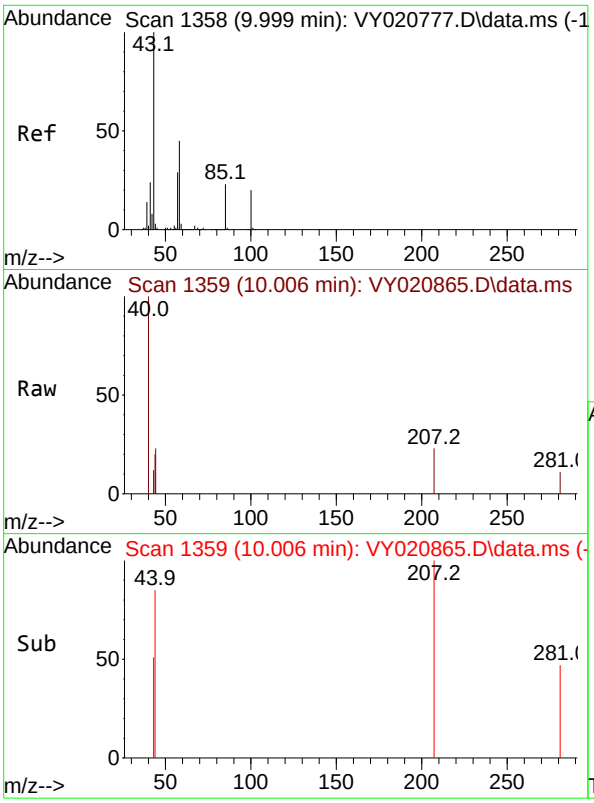


#50
Toluene-d8
Concen: 47.989 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 98 Resp: 4340

Ion	Ratio	Lower	Upper
98	100		
100	72.1	52.5	78.7



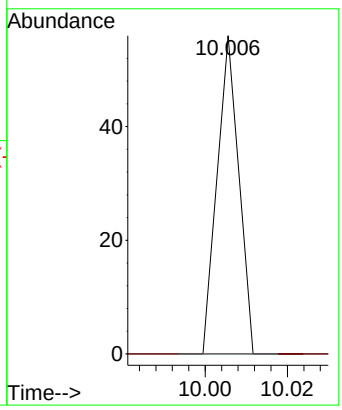


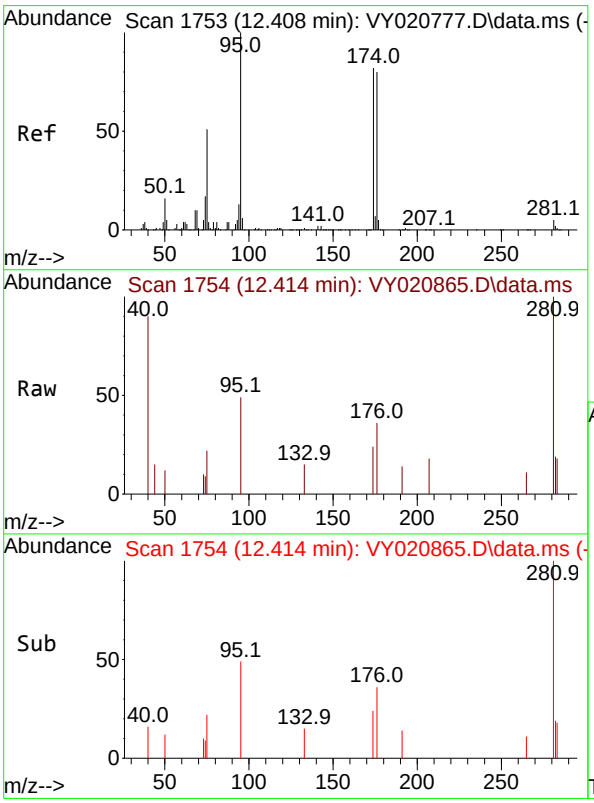
#51
4-Methyl-2-Pentanone
Concen: 1.495 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.8	52.2#

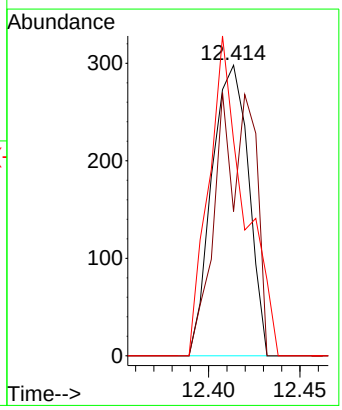


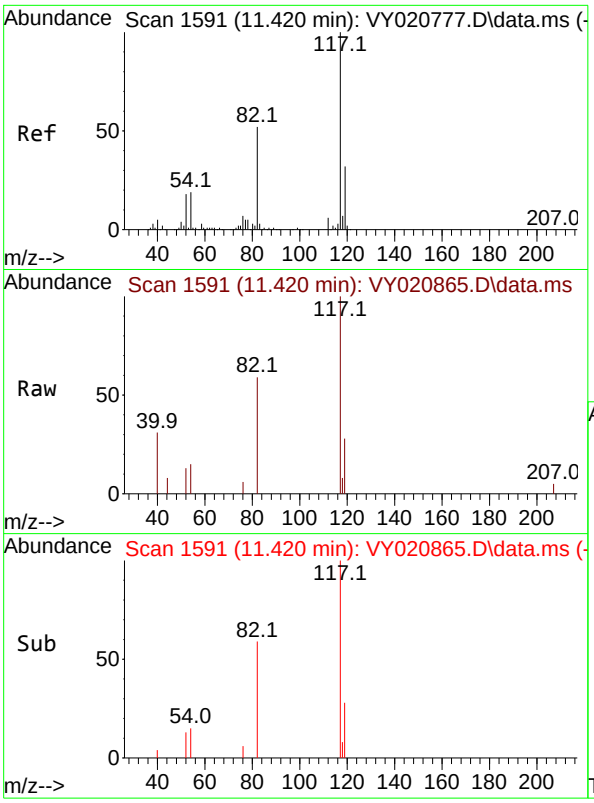


#62
4-Bromofluorobenzene
Concen: 12.486 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 95 Resp: 417

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	178.0
176	106.0	0.0	172.0



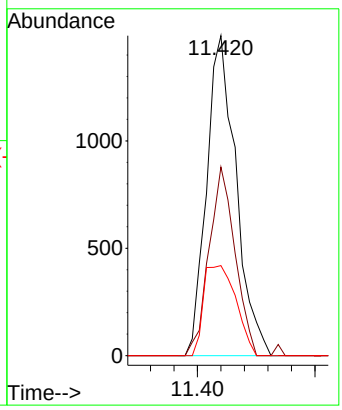


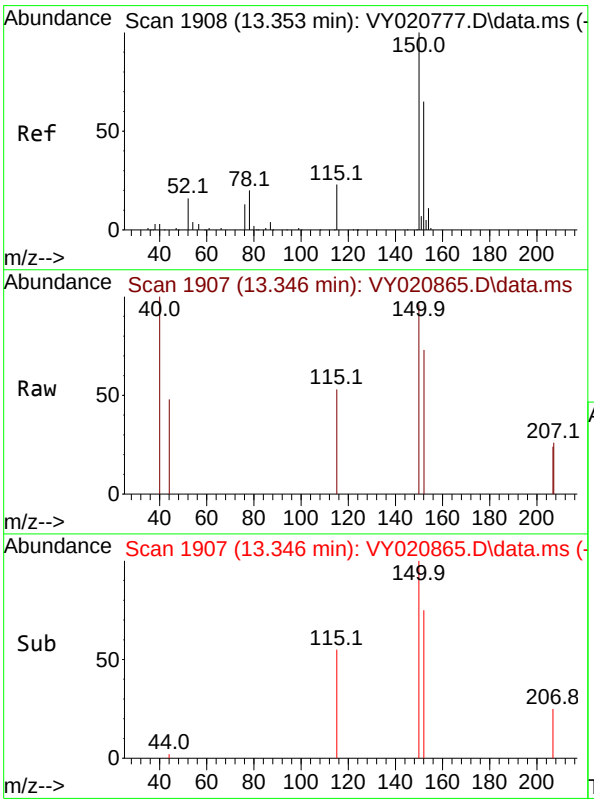
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 2590

Ion	Ratio	Lower	Upper
117	100		
82	58.9	41.8	62.6
119	28.1	25.8	38.8

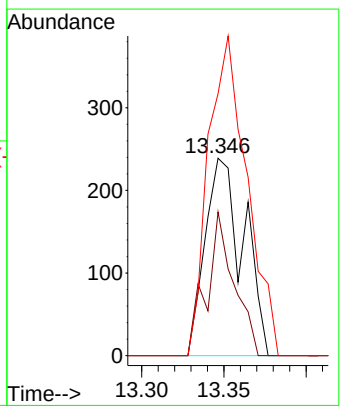


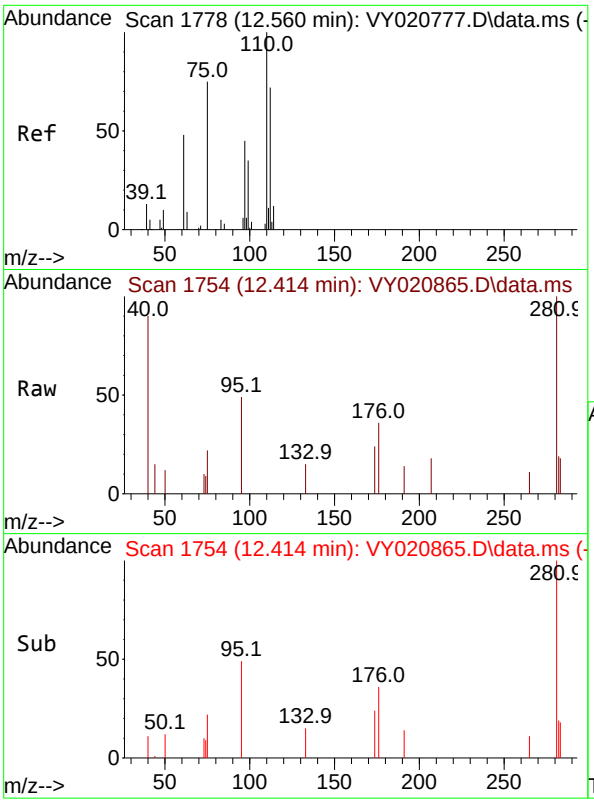


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion:152 Resp: 387

Ion	Ratio	Lower	Upper
152	100		
115	51.7	29.0	87.0
150	163.3	0.0	347.4



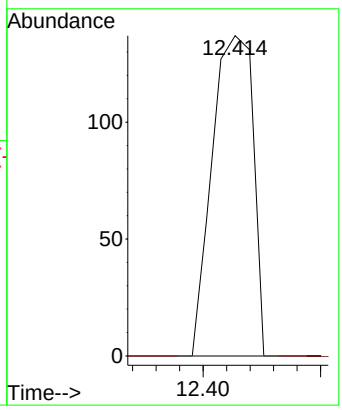


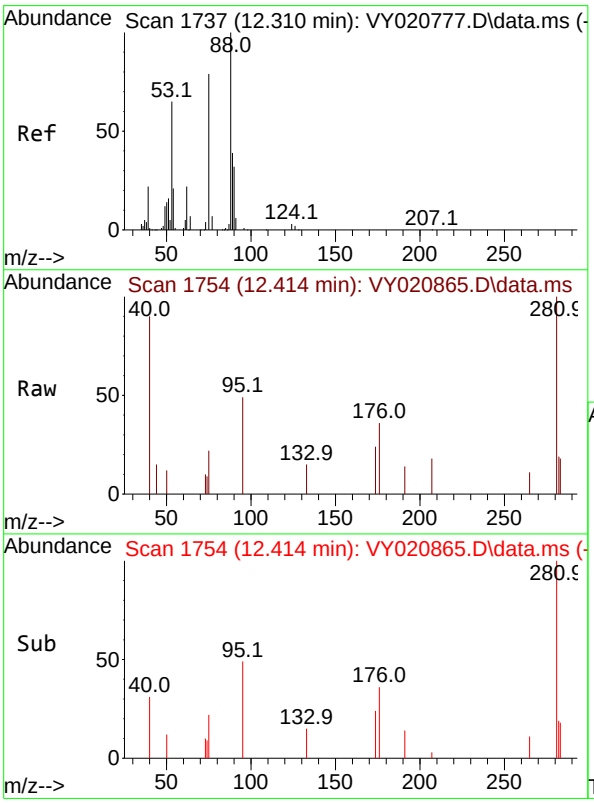
#76
1,2,3-Trichloropropane
Concen: 49.023 ug/l
RT: 12.414 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 166

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

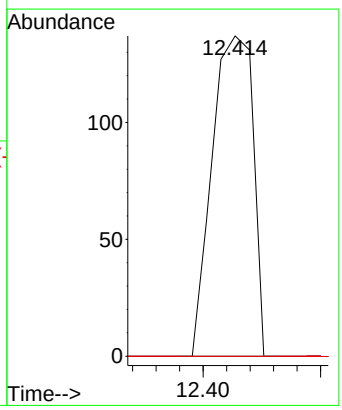


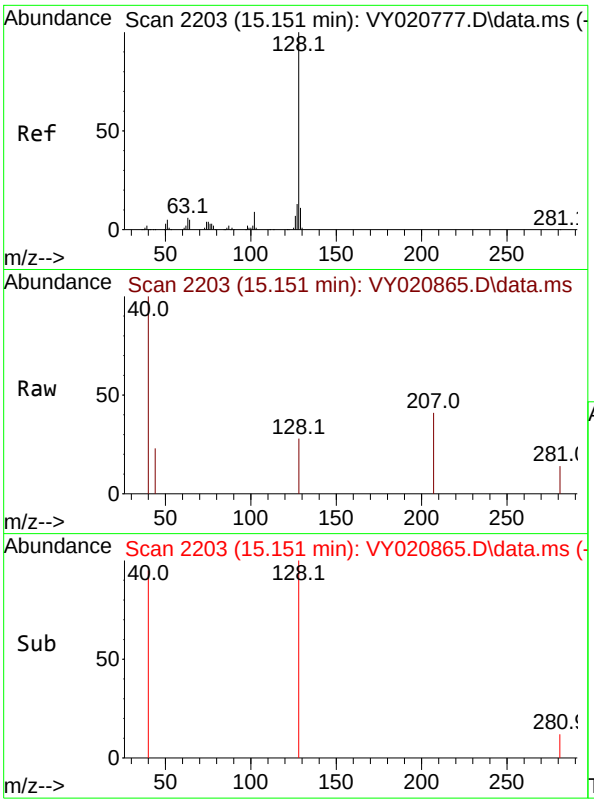


#81
trans-1,4-Dichloro-2-butene
Concen: 103.367 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Tgt Ion: 75 Resp: 166

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#





#95
Naphthalene
Concen: 9.131 ug/l
RT: 15.151 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY020865.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 104

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#