Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013378.D
Acq On : 20 Apr 2023 19:07
Operator : KP/MD
Sample : 02406-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 02:16:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

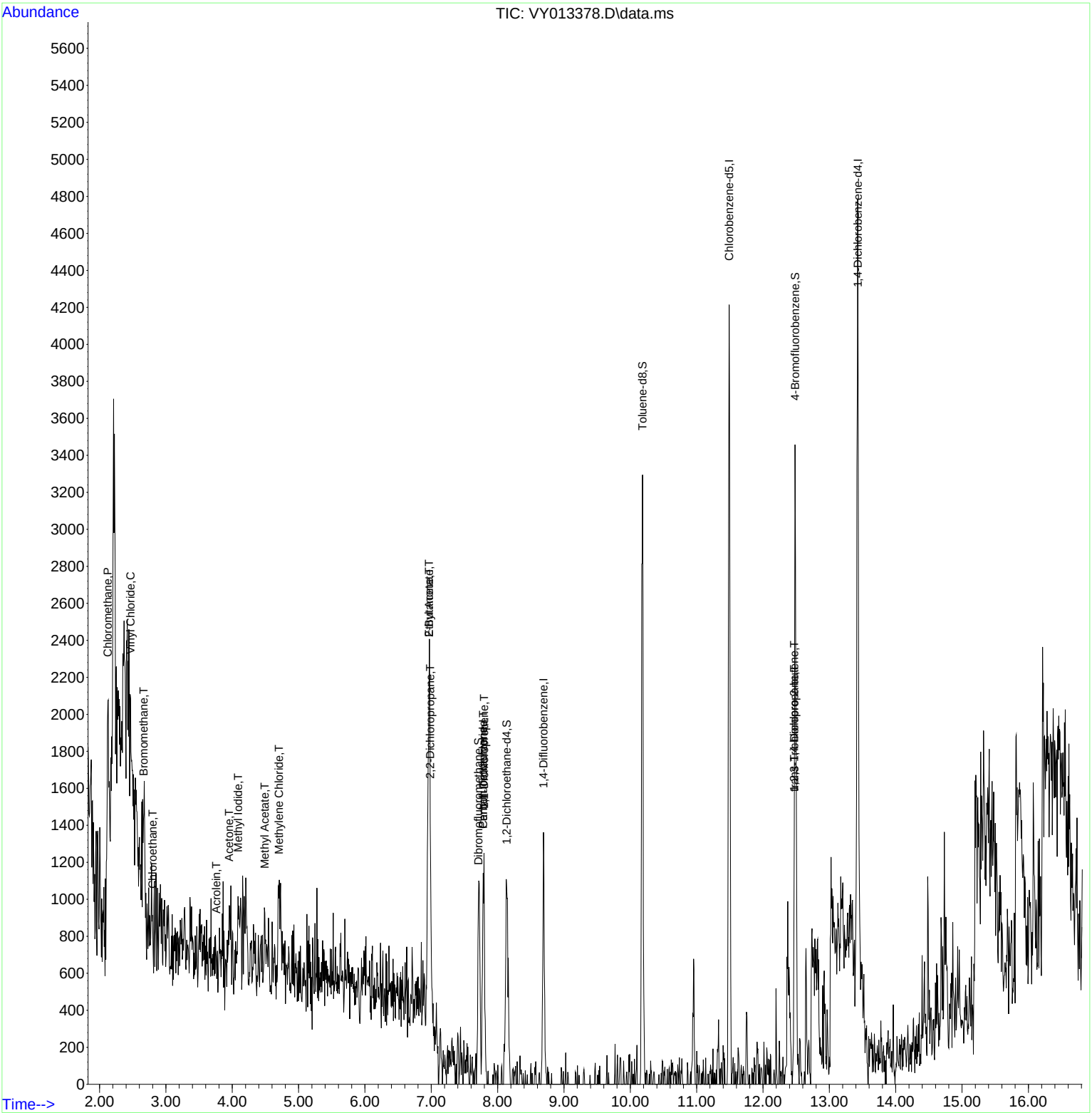
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	1554	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2721	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1491	79.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 159.680%			
35) Dibromofluoromethane	7.710	113	861	88.841	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 177.680%#			
50) Toluene-d8	10.185	98	2412	66.864	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 133.720%			
62) 4-Bromofluorobenzene	12.483	95	1095	93.424	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 186.840%#			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	420	23.970	ug/l	96
4) Vinyl Chloride	2.467	62	45	2.709	ug/l #	43
5) Bromomethane	2.662	94	206	16.170	ug/l	95
6) Chloroethane	2.802	64	345	30.794	ug/l #	43
10) Methyl Iodide	4.088	142	420	22.535	ug/l #	56
11) Tert butyl alcohol	5.143	59	19	Below Cal	#	74
13) Acrolein	3.759	56	31	13.512	ug/l #	14
16) Acetone	3.954	43	477	74.286	ug/l #	58
18) Methyl Acetate	4.491	43	61	2.937	ug/l #	54
20) Methylene Chloride	4.704	84	189	7.513	ug/l #	63
25) 2-Butanone	6.966	43	19	2.311	ug/l #	49
26) 2,2-Dichloropropane	6.984	77	45	1.631	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	29	1.975	ug/l #	41
37) Ethyl Acetate	6.966	43	19	1.605	ug/l #	1
38) Carbon Tetrachloride	7.783	117	41	2.525	ug/l #	12
76) 1,2,3-Trichloropropane	12.471	75	558	34.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.471	75	558	71.439	ug/l #	13

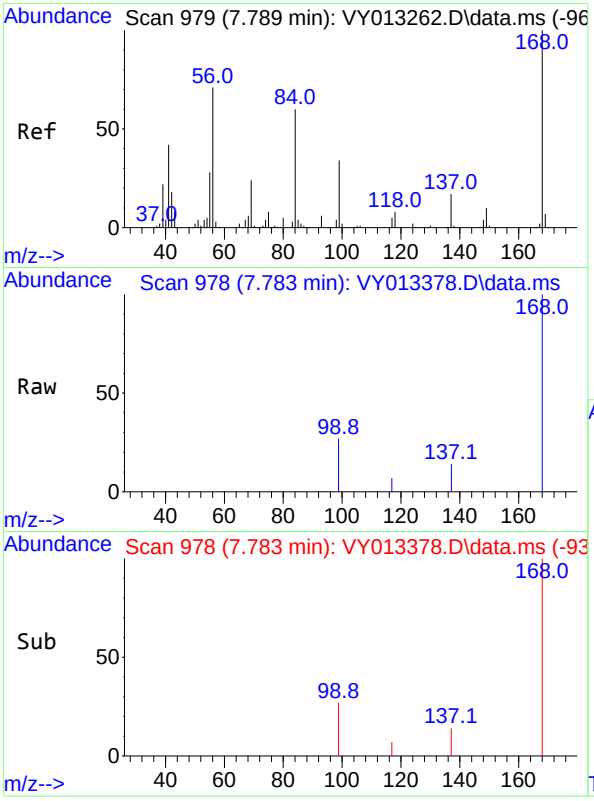
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013378.D
Acq On : 20 Apr 2023 19:07
Operator : KP/MD
Sample : 02406-07
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 02:16:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



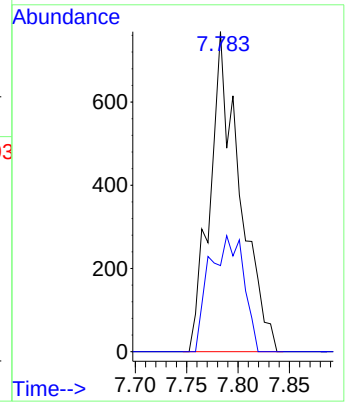


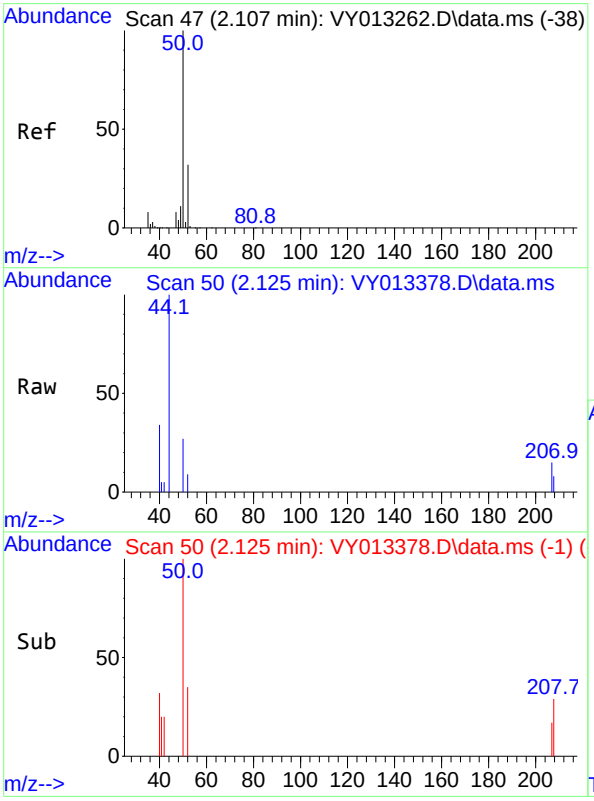
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 1554

Ion	Ratio	Lower	Upper
168	100		
99	26.9	41.7	62.5#

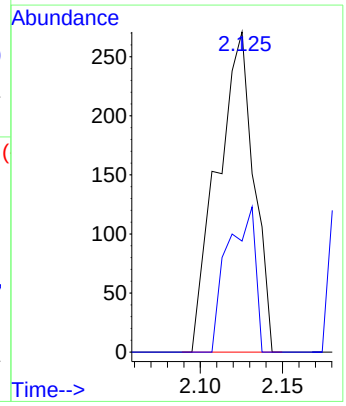


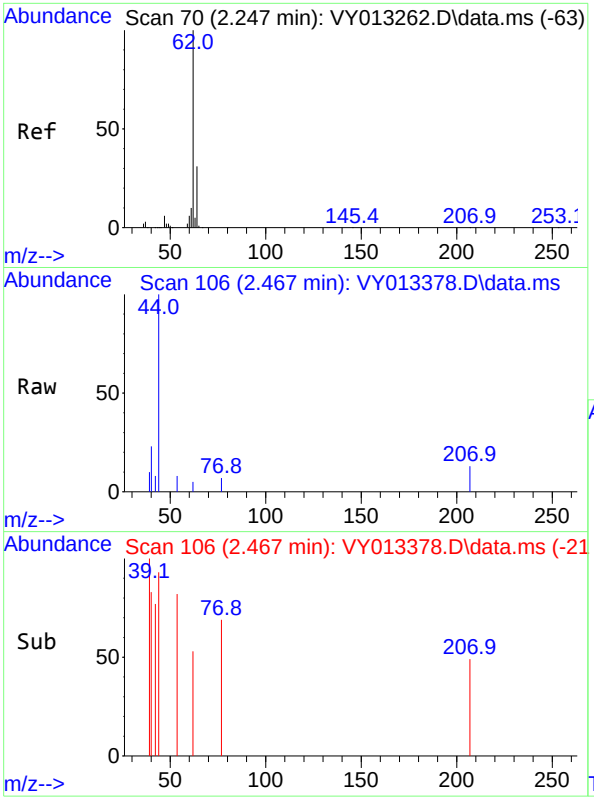


#3
Chloromethane
Concen: 23.970 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 50 Resp: 420

Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.0	39.0



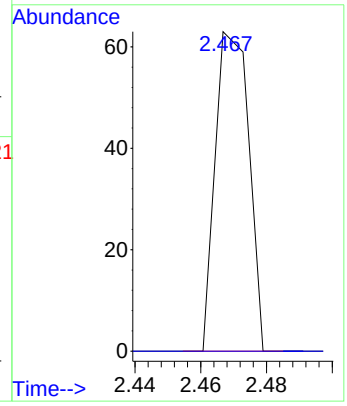


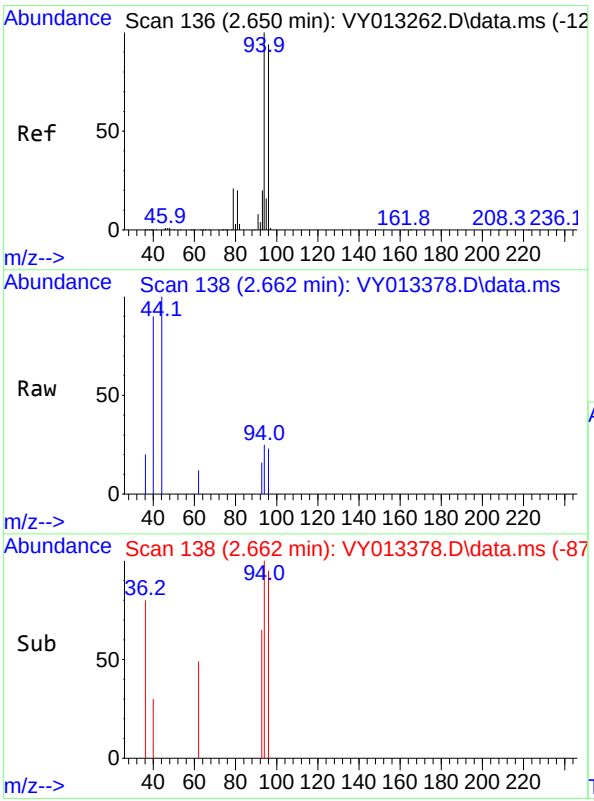
#4
Vinyl Chloride
Concen: 2.709 ug/l
RT: 2.467 min Scan# 1
Delta R.T. 0.219 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 62 Resp: 45

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.6	38.4#

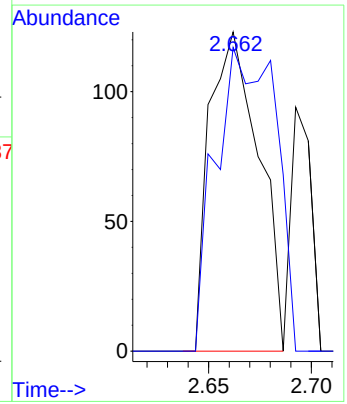


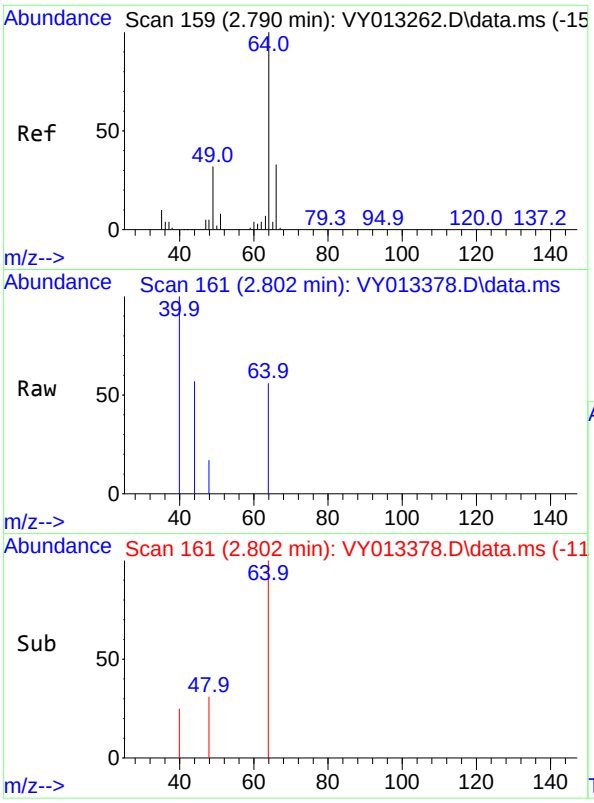


#5
Bromomethane
Concen: 16.170 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 94 Resp: 206

Ion	Ratio	Lower	Upper
94	100		
96	95.1	80.3	120.5



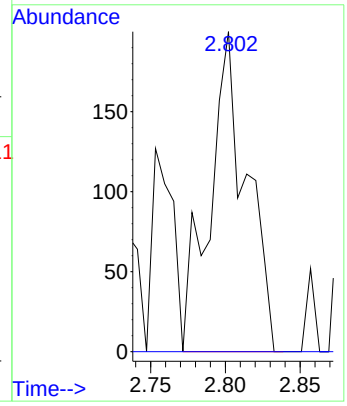


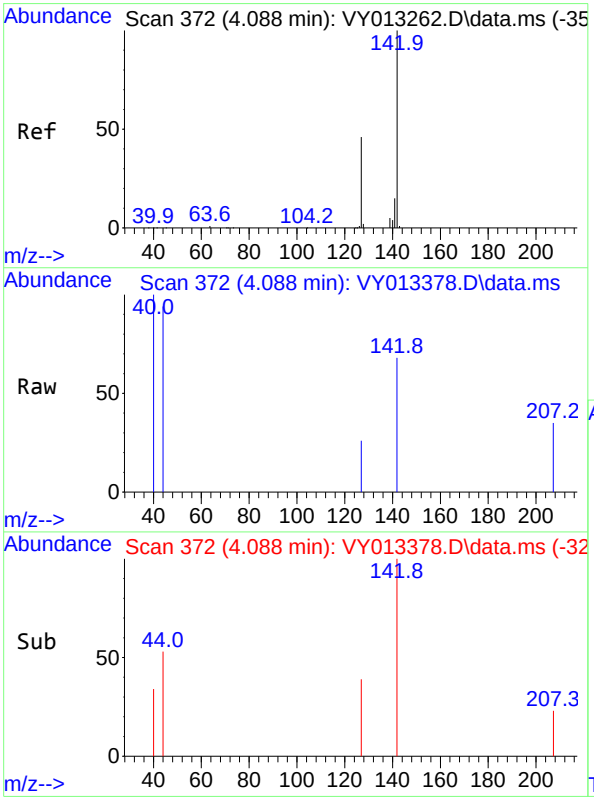
#6
Chloroethane
Concen: 30.794 ug/l
RT: 2.802 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 64 Resp: 345

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

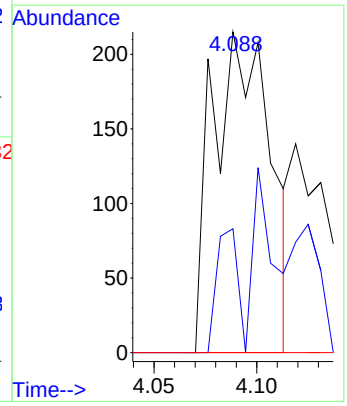


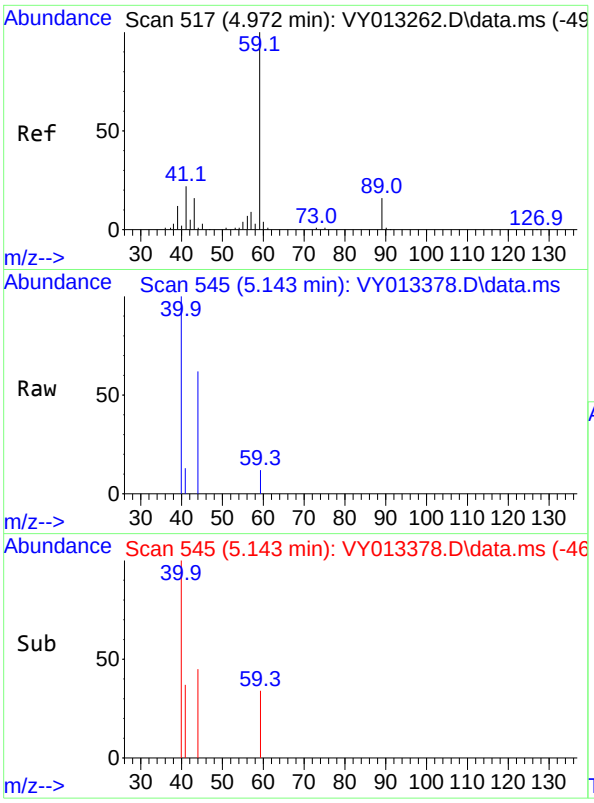


#10
Methyl Iodide
Concen: 22.535 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion:142 Resp: 420

Ion	Ratio	Lower	Upper
142	100		
127	14.0	35.4	53.2#
141	0.0	11.3	16.9#



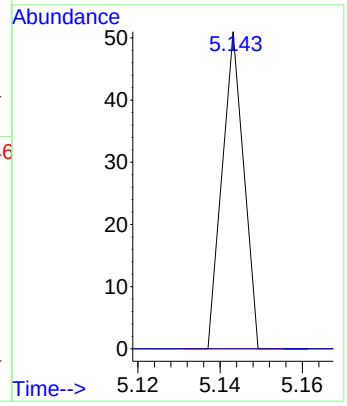


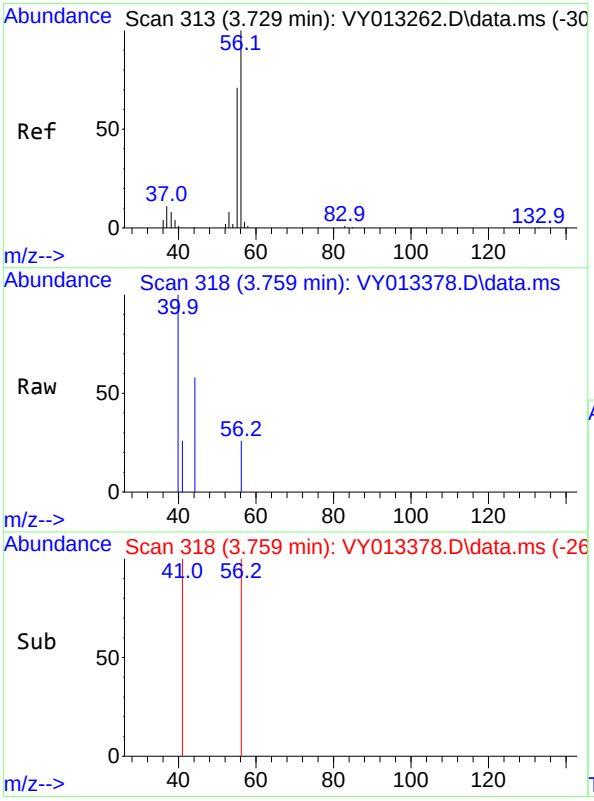
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.143 min Scan# 54
Delta R.T. 0.171 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

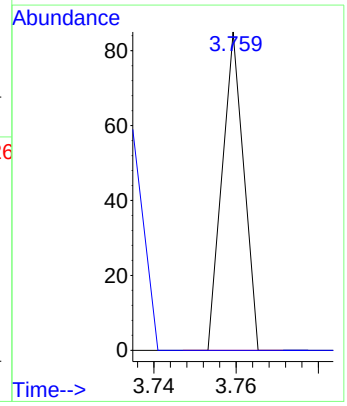


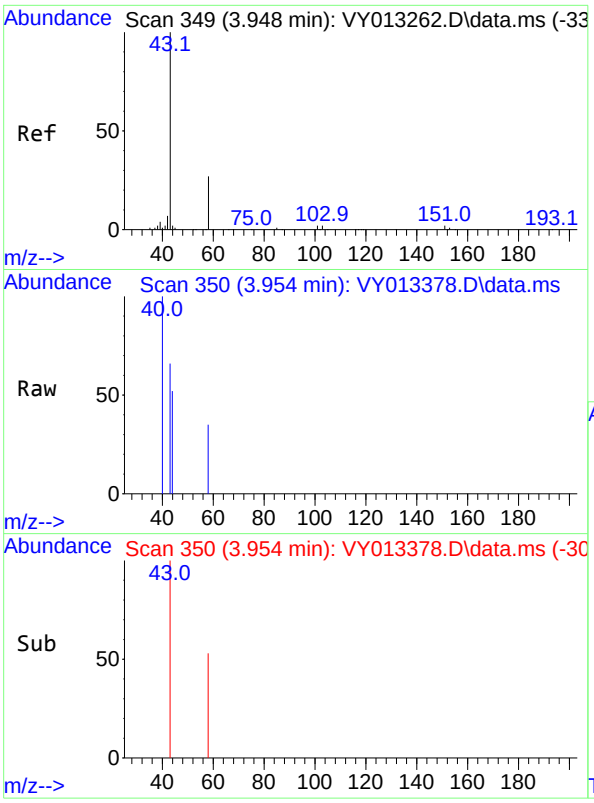


#13
Acrolein
Concen: 13.512 ug/l
RT: 3.759 min Scan# 318
Delta R.T. 0.030 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



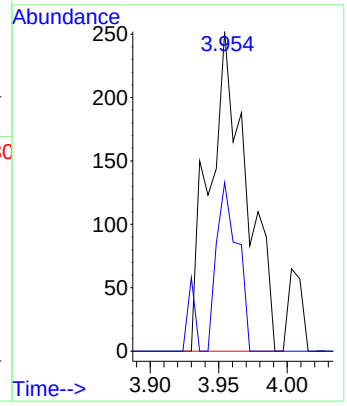


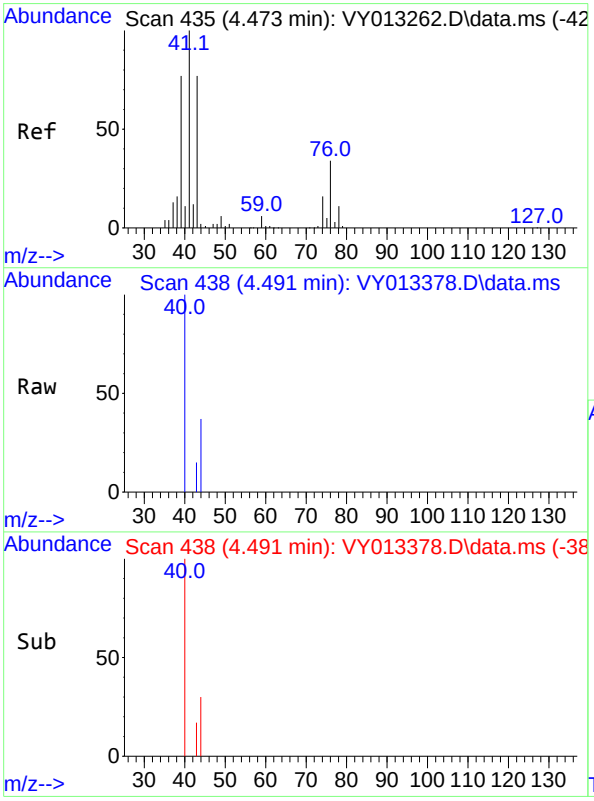
#16
Acetone
Concen: 74.286 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 477

Ion	Ratio	Lower	Upper
43	100		
58	52.8	24.2	36.2#

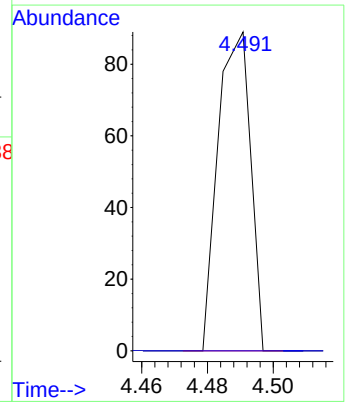


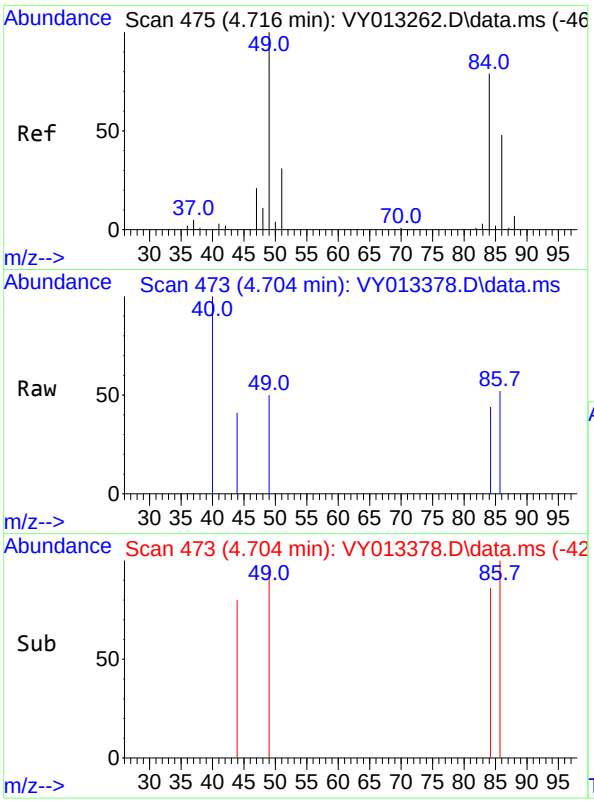


#18
Methyl Acetate
Concen: 2.937 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#



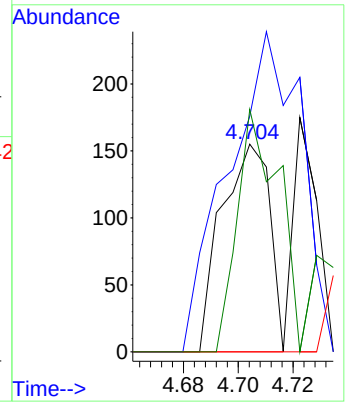


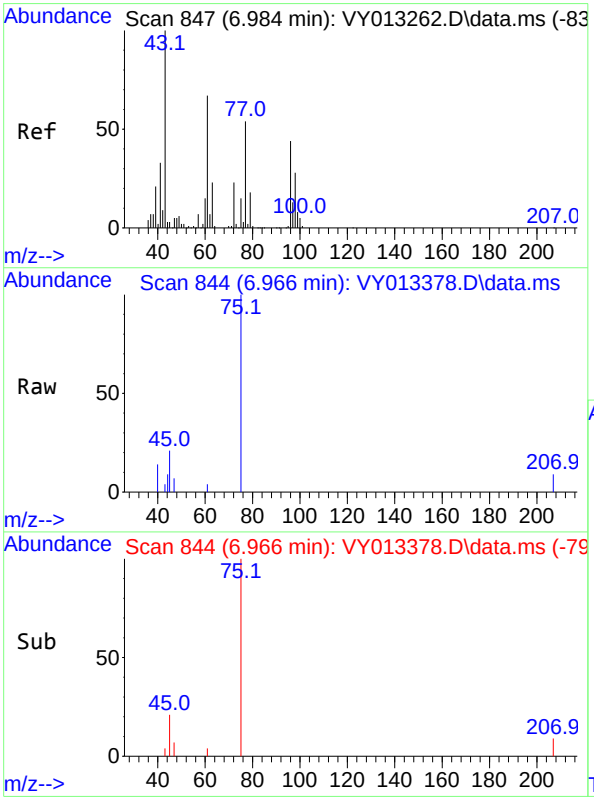
#20
Methylene Chloride
Concen: 7.513 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 189

Ion	Ratio	Lower	Upper
84	100		
49	113.5	102.6	154.0
51	0.0	31.9	47.9#
86	116.8	51.0	76.6#

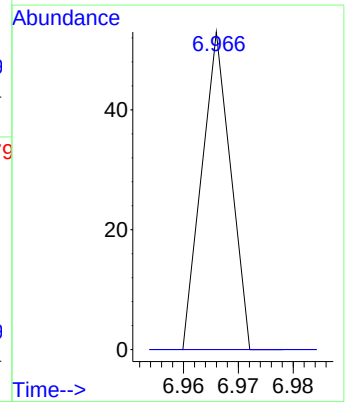


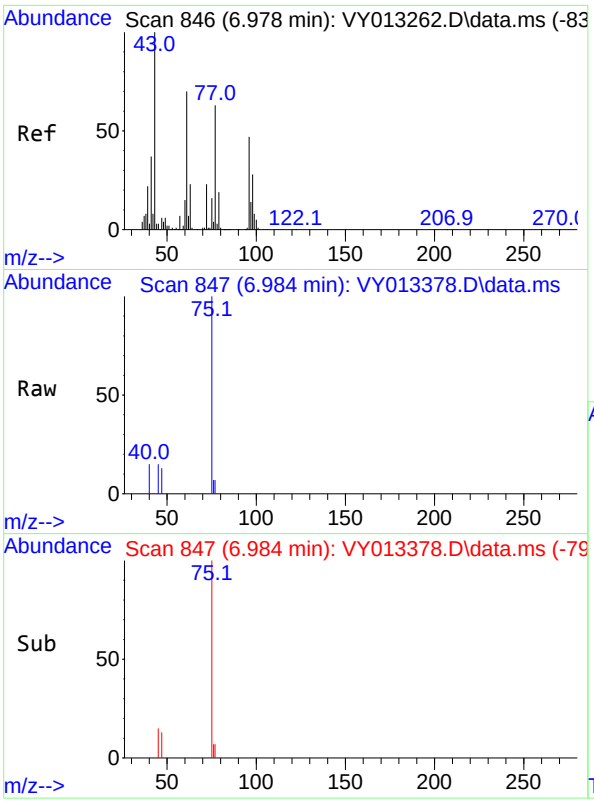


#25
2-Butanone
Concen: 2.311 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



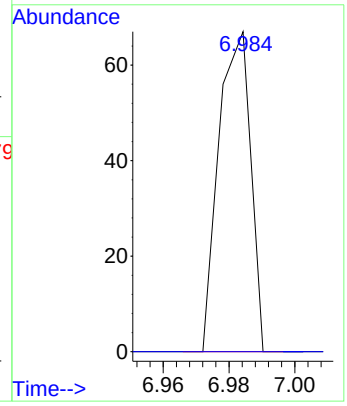


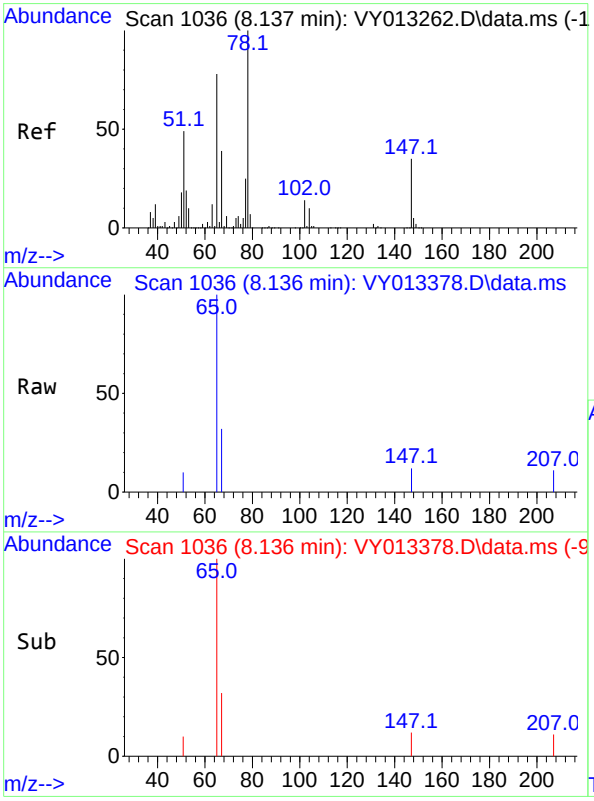
#26
2,2-Dichloropropane
Concen: 1.631 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 77 Resp: 45

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#

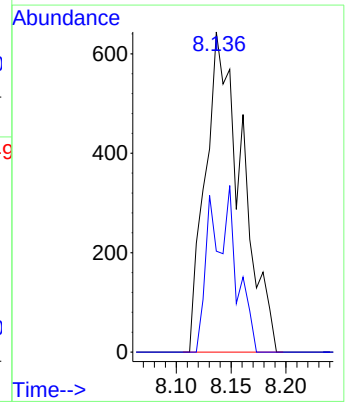


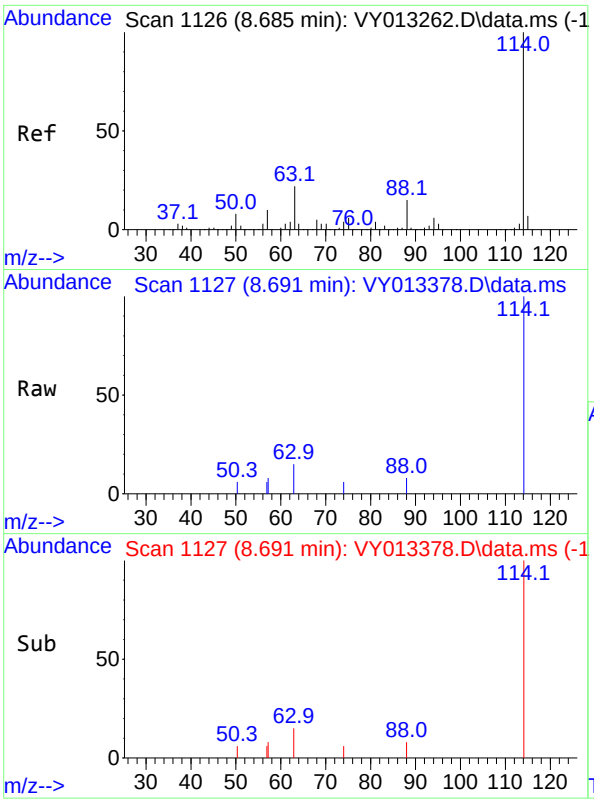


#33
1,2-Dichloroethane-d4
Concen: 79.837 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 65 Resp: 1491

Ion	Ratio	Lower	Upper
65	100		
67	20.2	0.0	104.0



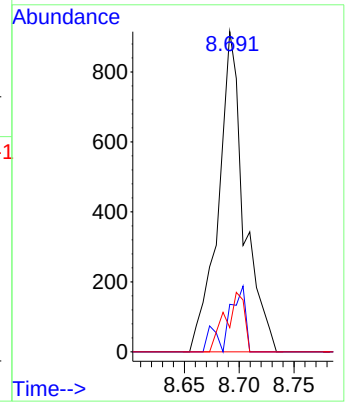


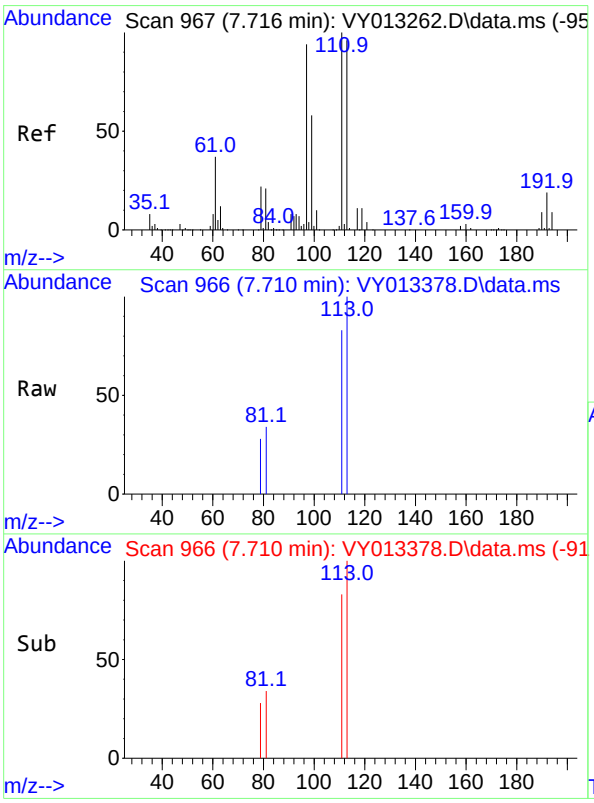
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 1497

Ion	Ratio	Lower	Upper
114	100		
63	14.9	0.0	37.4
88	7.5	0.0	28.6

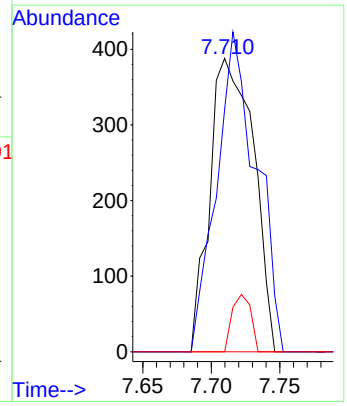


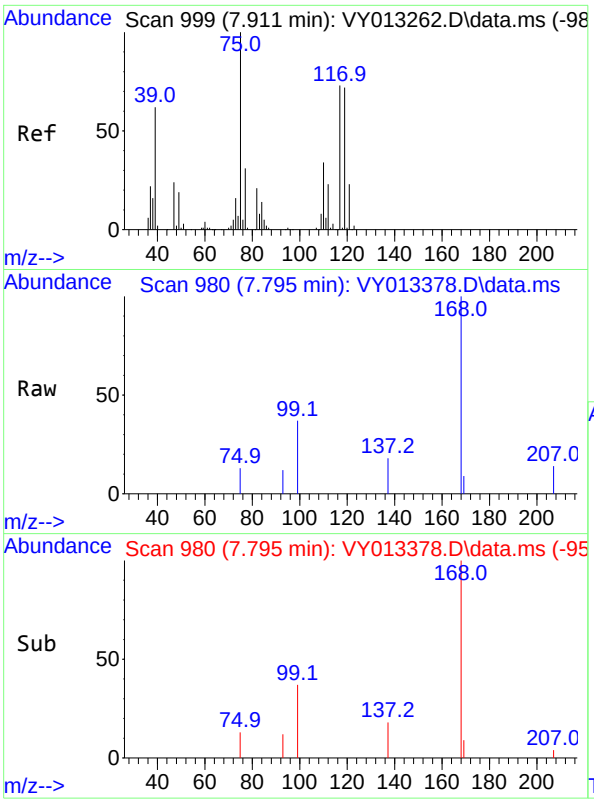


#35
Dibromofluoromethane
Concen: 88.841 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion:113 Resp: 861

Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.2	123.2
192	8.4	16.8	25.2#



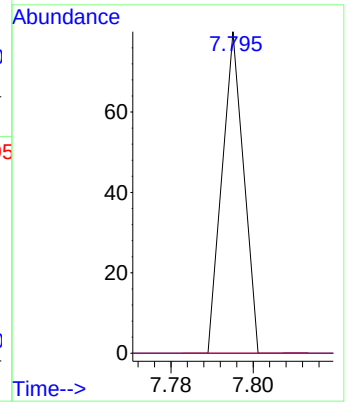


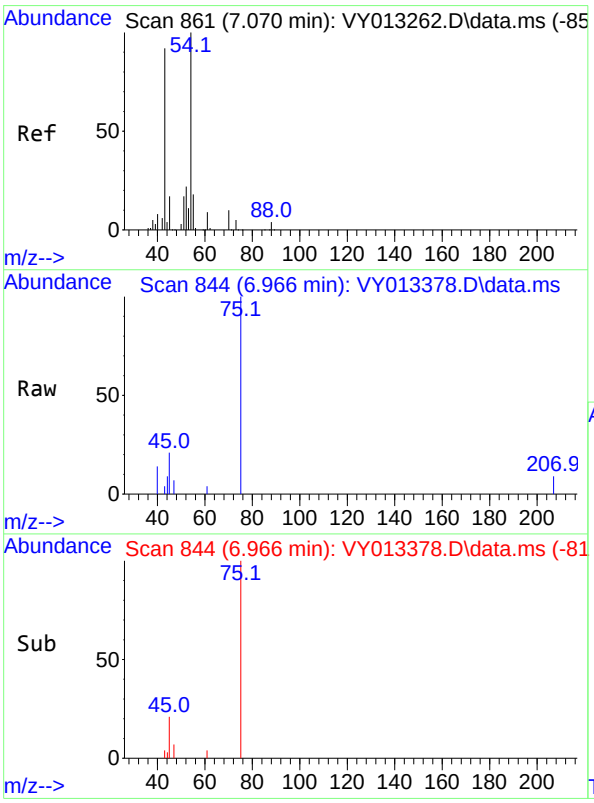
#36
1,1-Dichloropropene
Concen: 1.975 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.3#
77	0.0	25.0	37.4#

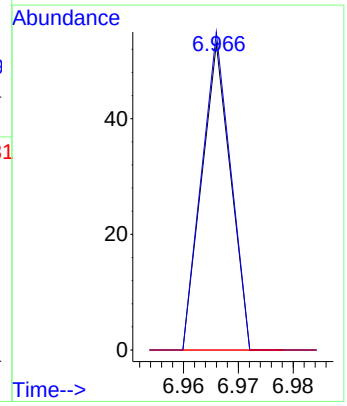


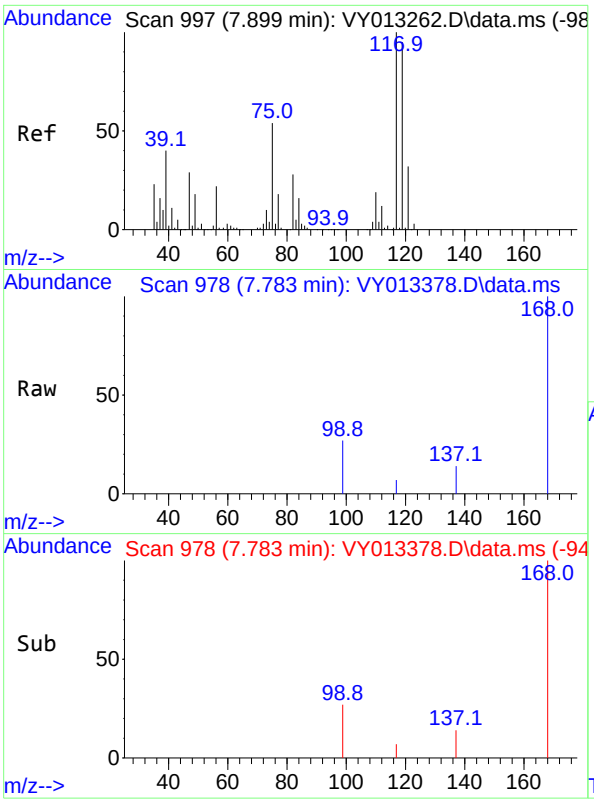


#37
Ethyl Acetate
Concen: 1.605 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
61	105.3	10.7	16.1#
70	0.0	7.8	11.8#



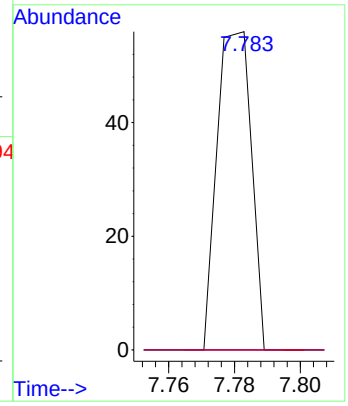


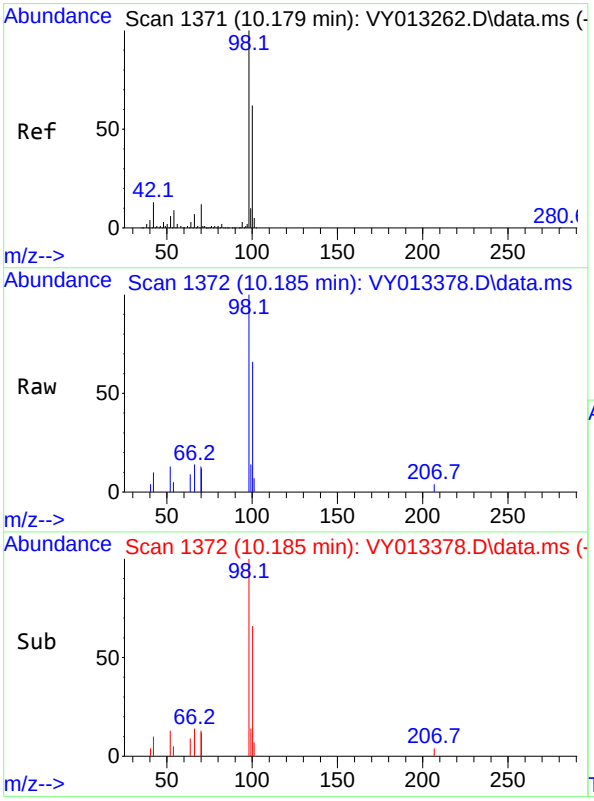
#38
Carbon Tetrachloride
Concen: 2.525 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 41

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.7	37.1#

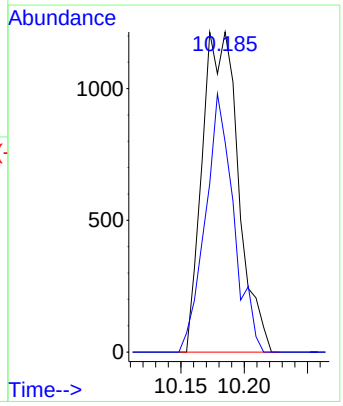


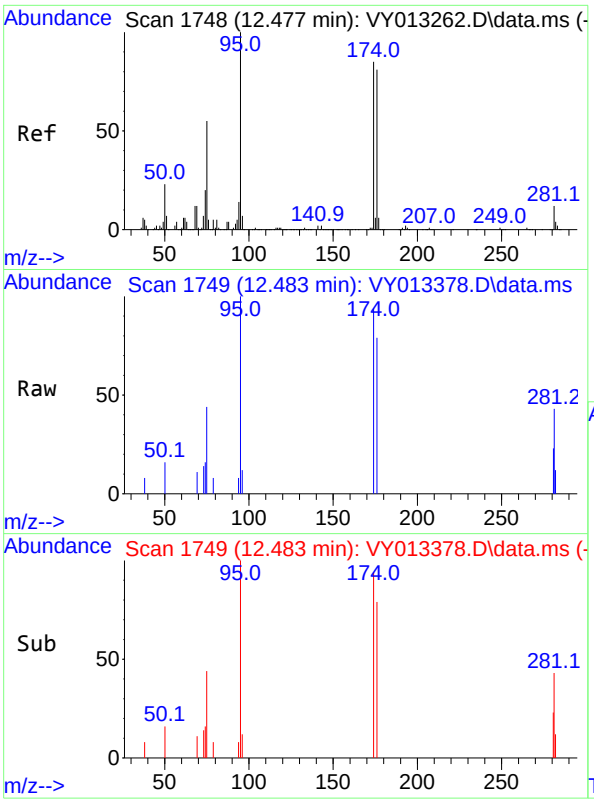


#50
Toluene-d8
Concen: 66.864 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 98 Resp: 2412

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3



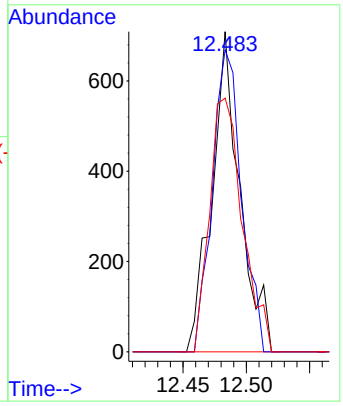


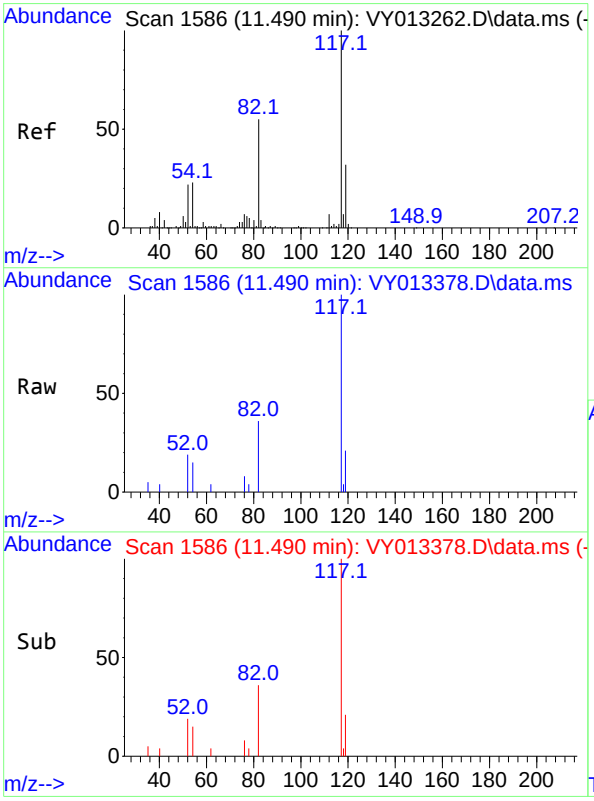
#62
4-Bromofluorobenzene
Concen: 93.424 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 1095

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	176.6
176	93.0	0.0	170.2

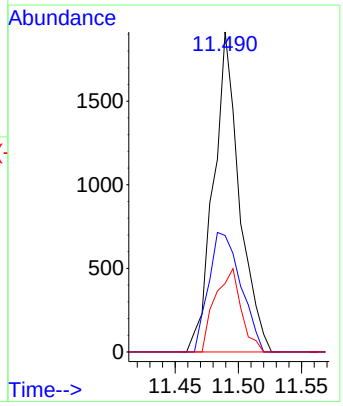


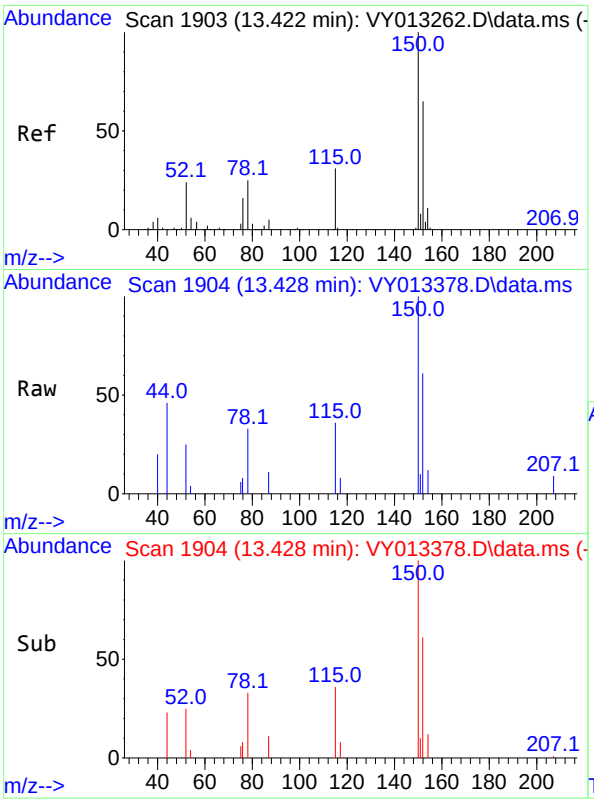


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion:117 Resp: 2721

Ion	Ratio	Lower	Upper
117	100		
82	36.4	45.4	68.0#
119	21.4	25.6	38.4#



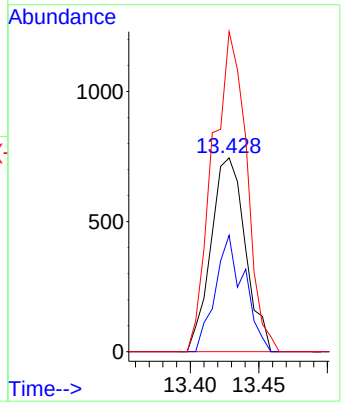


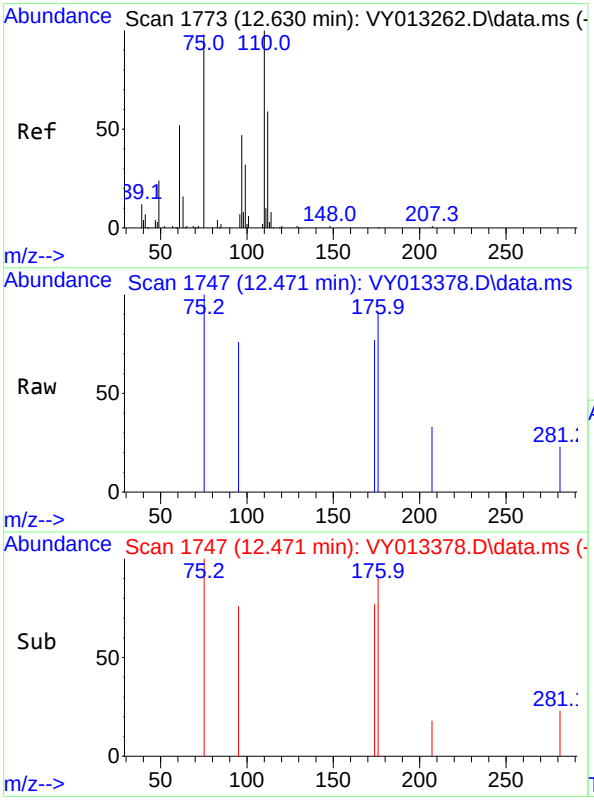
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 1301

Ion	Ratio	Lower	Upper
152	100		
115	50.9	27.1	81.3
150	163.5	0.0	347.8

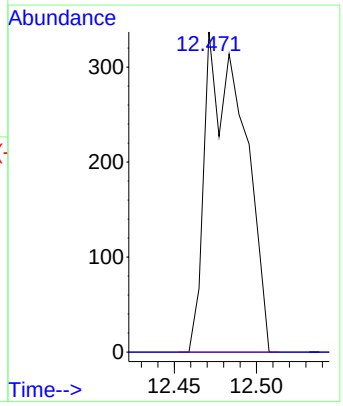


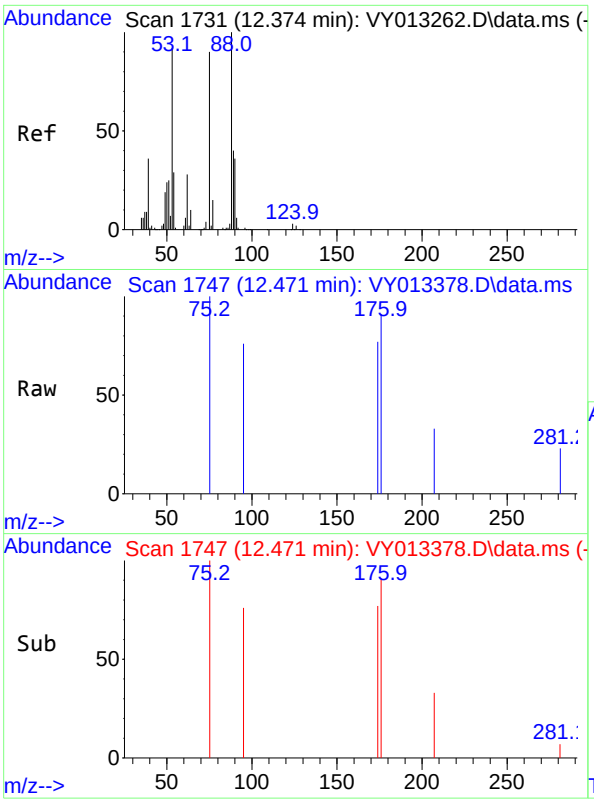


#76
1,2,3-Trichloropropane
Concen: 34.420 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.159 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Tgt Ion: 75 Resp: 558

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 71.439 ug/l
RT: 12.471 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY013378.D
Acq: 20 Apr 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 558

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#