Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013773.D
Acq On : 17 May 2023 12:32
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: May 18 06:57:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	179829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120227	57.552	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.100%			
35) Dibromofluoromethane	7.722	113	106161	52.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.440%			
50) Toluene-d8	10.185	98	386180	50.107	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.483	95	126705	49.495	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	6042	35.703	ug/l #	74
13) Acrolein	3.735	56	307	1.015	ug/l #	65
15) Acrylonitrile	5.167	53	571	1.023	ug/l #	35
16) Acetone	3.954	43	874	1.387	ug/l #	77
20) Methylene Chloride	4.722	84	18713	4.231	ug/l	95
25) 2-Butanone	6.984	43	2992	3.652	ug/l	94
26) 2,2-Dichloropropane	6.990	77	3204	1.085	ug/l #	53
29) Tetrahydrofuran	7.374	42	682	1.391	ug/l #	54
31) Cyclohexane	7.789	56	4455	1.487	ug/l #	13
38) Carbon Tetrachloride	7.789	117	17867	6.030	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	68737	42.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68737	95.668	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.355	75	389	1.133	ug/l	59
93) 1,2,4-Trichlorobenzene	15.013	180	3440	1.549	ug/l	98
95) Naphthalene	15.239	128	8224	1.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3682	1.843	ug/l	88

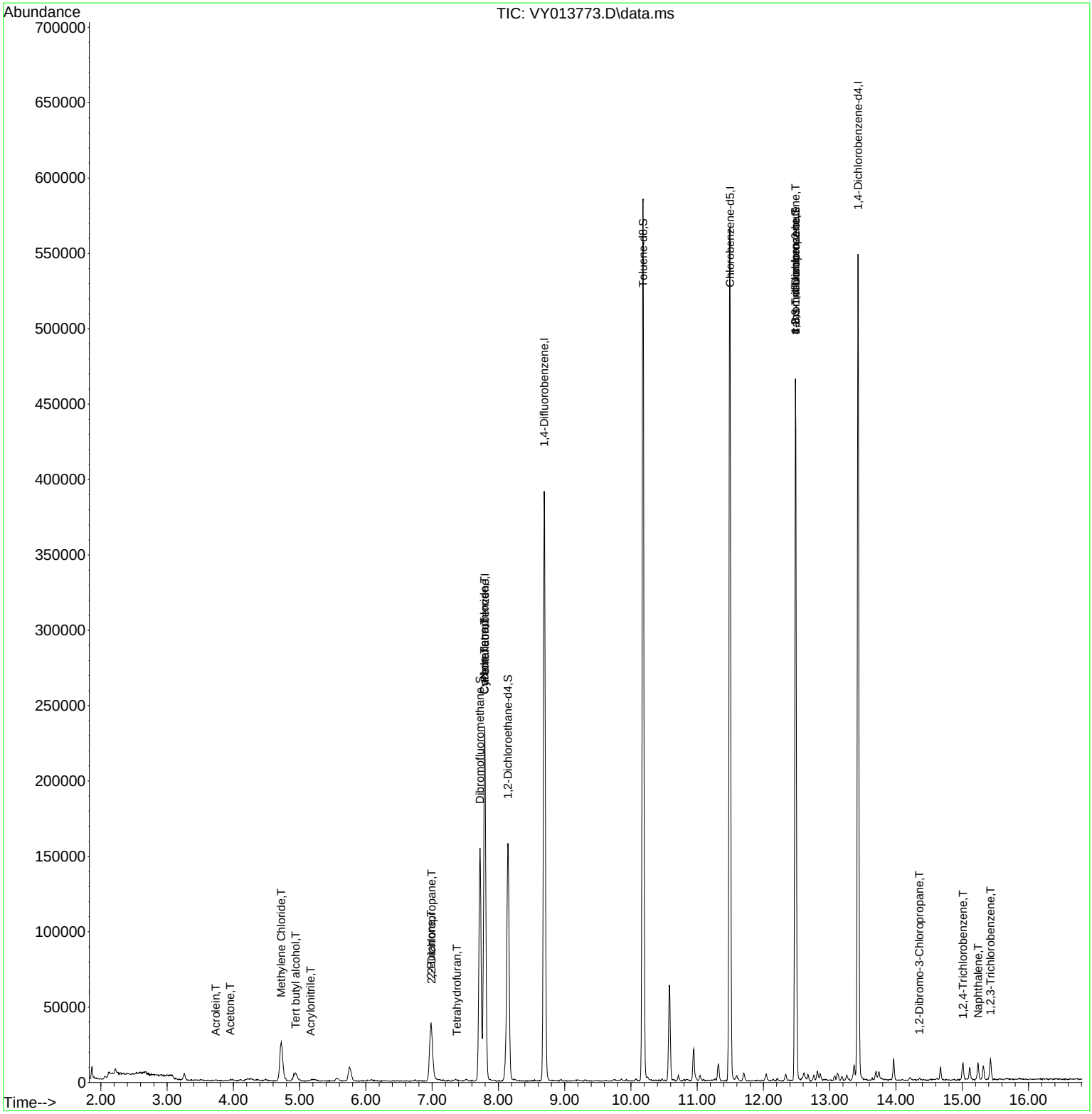
(#) = qualifier out of range (m) = manual integration (+) = signals summed

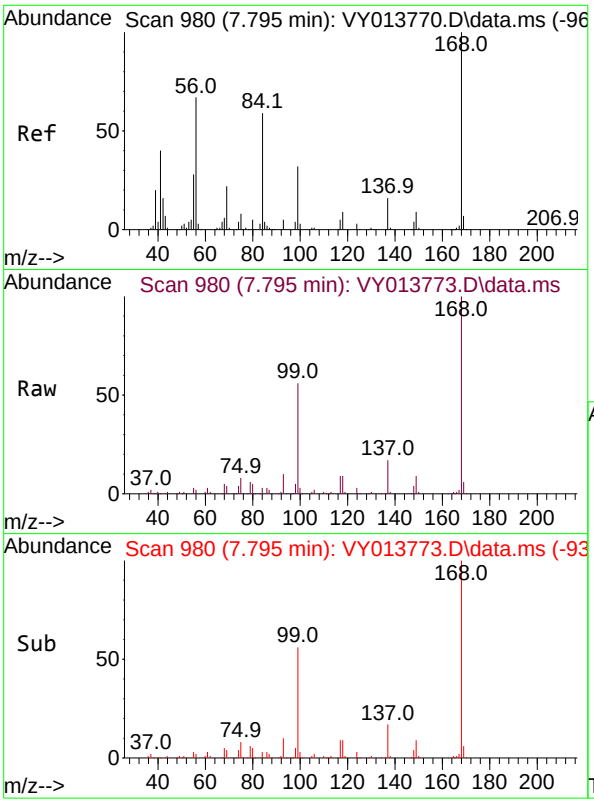
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013773.D
Acq On : 17 May 2023 12:32
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: May 18 06:57:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration



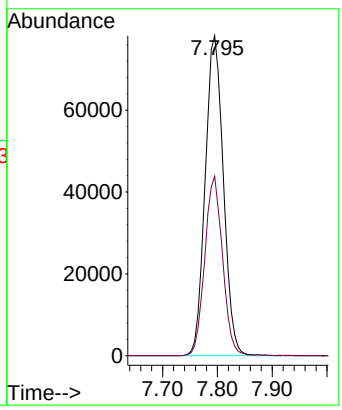


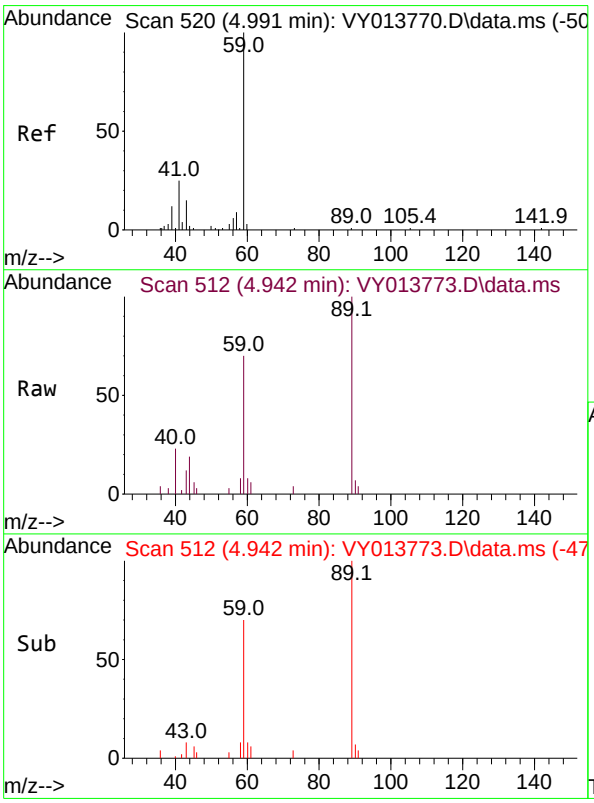
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 179829

Ion	Ratio	Lower	Upper
168	100		
99	56.0	44.0	66.0

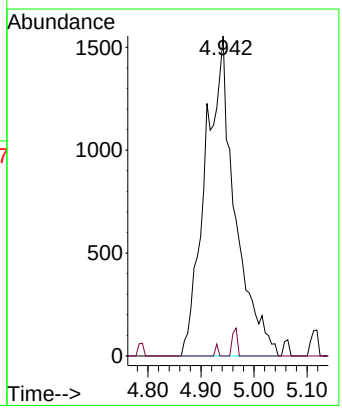


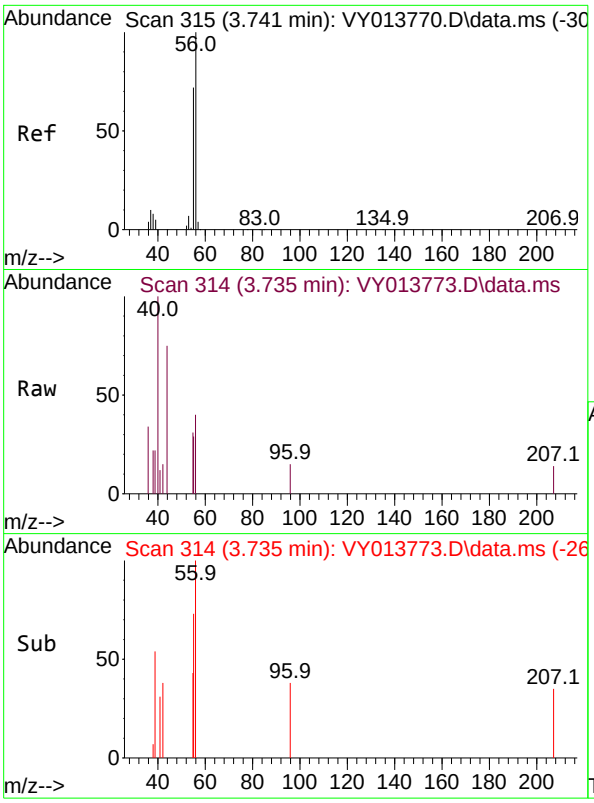


#11
Tert butyl alcohol
Concen: 35.703 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.049 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 59 Resp: 6042

Ion	Ratio	Lower	Upper
59	100		
57	0.3	8.0	12.0#



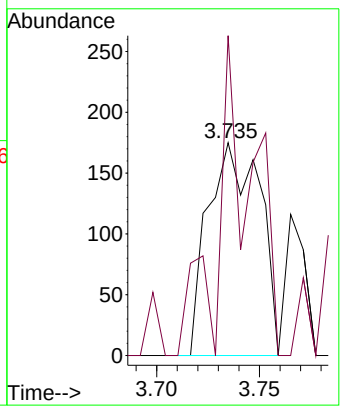


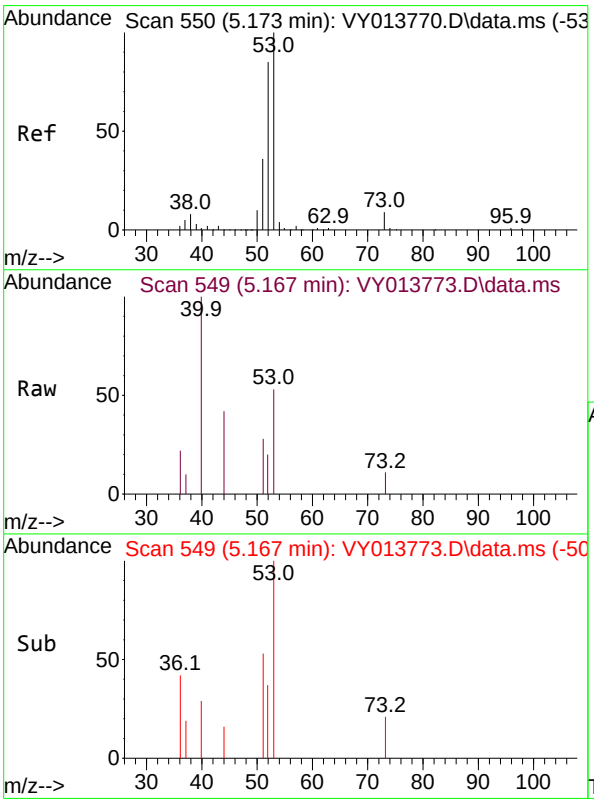
#13
Acrolein
Concen: 1.015 ug/l
RT: 3.735 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 307

Ion	Ratio	Lower	Upper
56	100		
55	101.3	57.5	86.3#

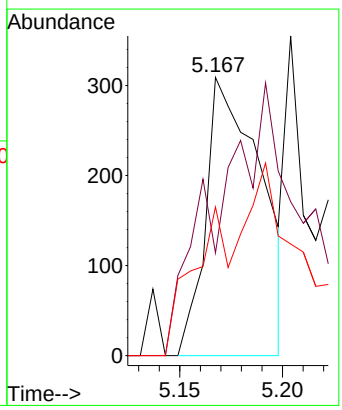


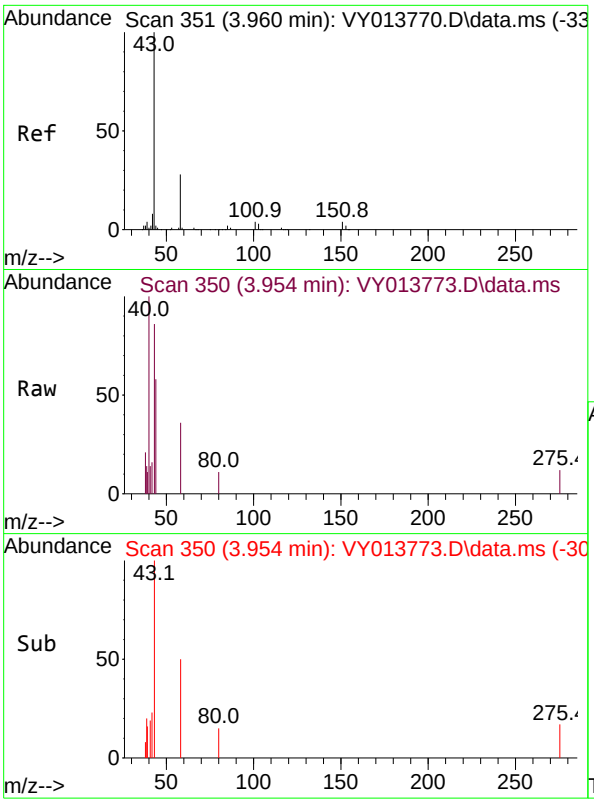


#15
Acrylonitrile
Concen: 1.023 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 53 Resp: 571

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.5	99.7#
51	34.7	30.1	45.1



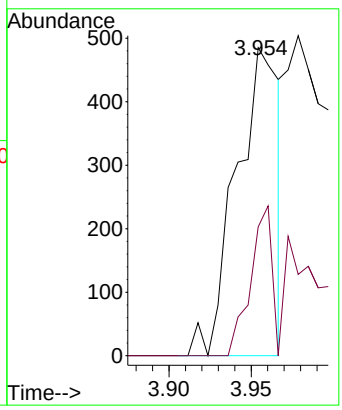


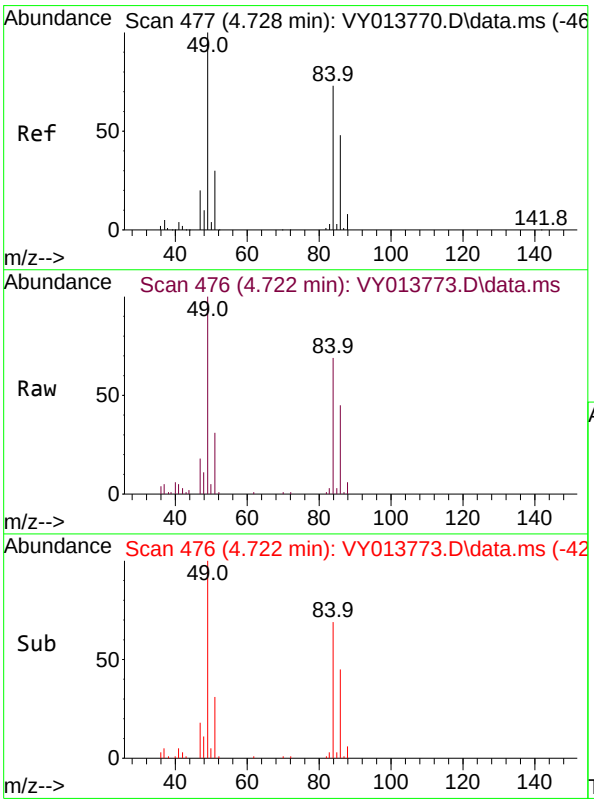
#16
Acetone
Concen: 1.387 ug/l
RT: 3.954 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 874

Ion	Ratio	Lower	Upper
43	100		
58	41.9	23.7	35.5#

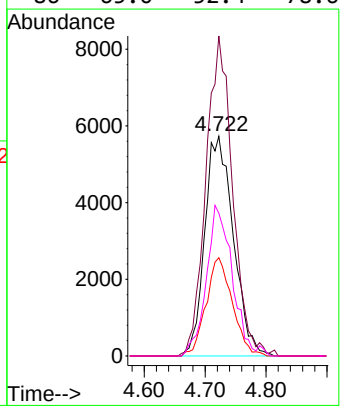


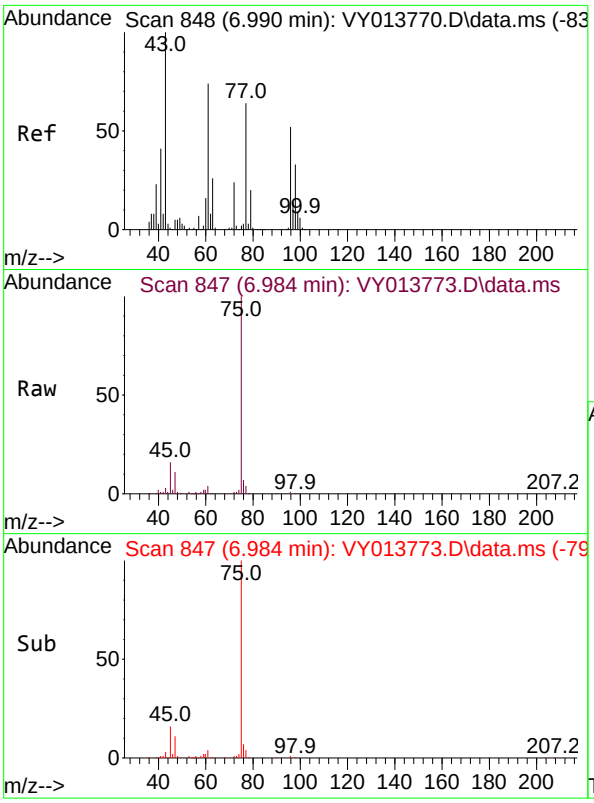


#20
Methylene Chloride
Concen: 4.231 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 84 Resp: 18713

Ion	Ratio	Lower	Upper
84	100		
49	145.7	109.4	164.0
51	44.7	32.8	49.2
86	65.0	52.4	78.6



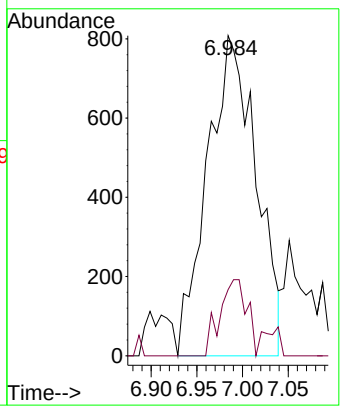


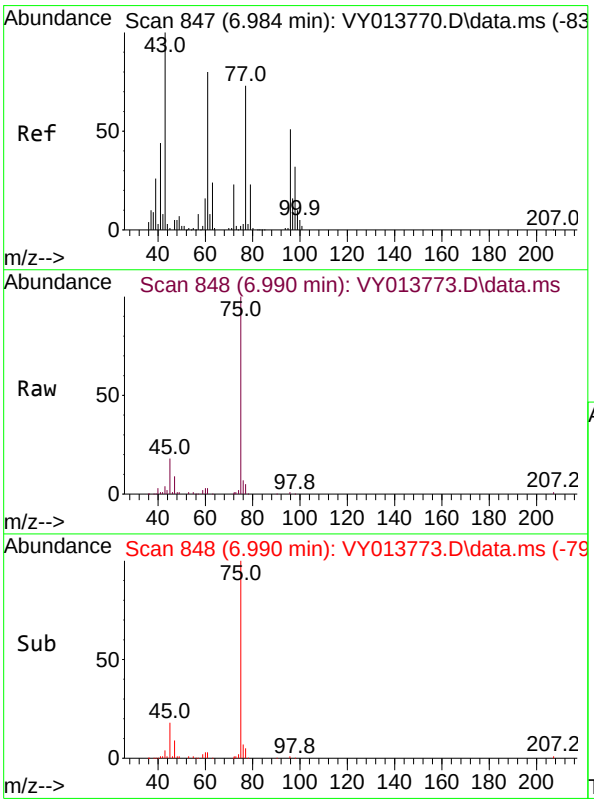
#25
2-Butanone
Concen: 3.652 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 2992

Ion	Ratio	Lower	Upper
43	100		
72	20.7	19.0	28.6

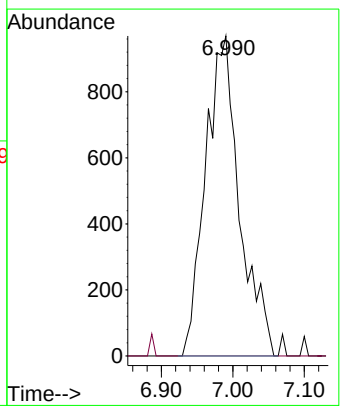


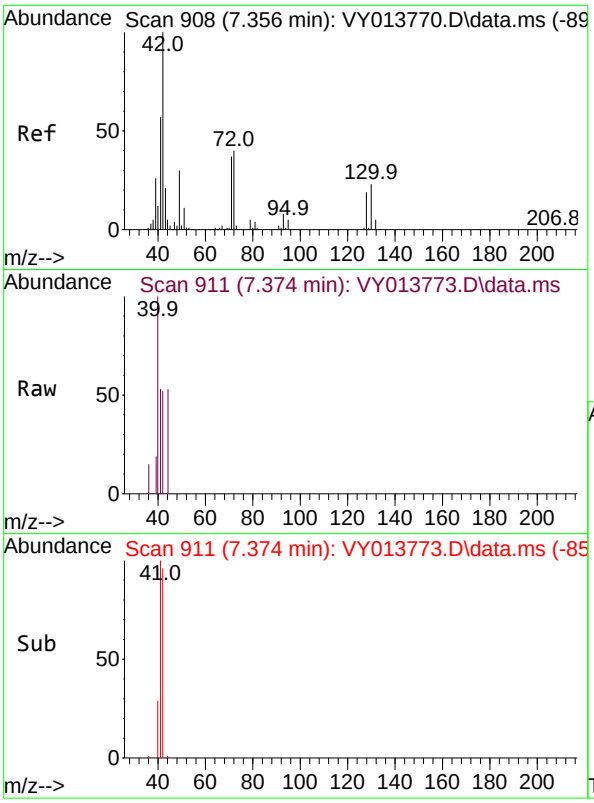


#26
2,2-Dichloropropane
Concen: 1.085 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 77 Resp: 3204

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.3	33.8#



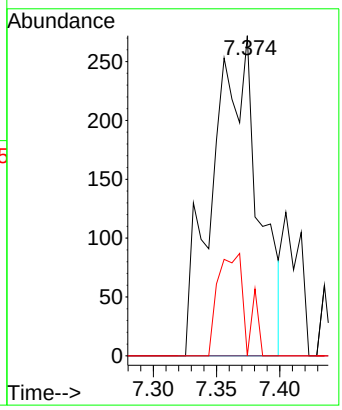


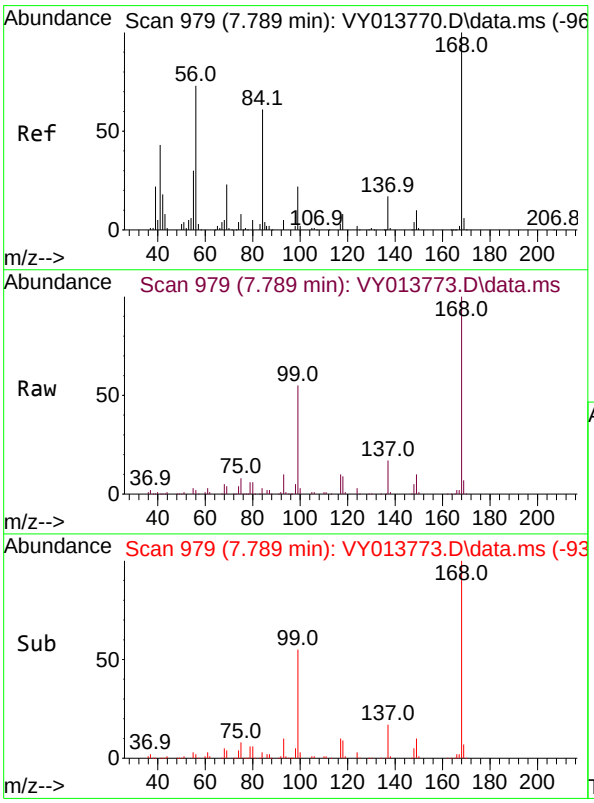
#29
Tetrahydrofuran
Concen: 1.391 ug/l
RT: 7.374 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 42 Resp: 682

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	19.6	29.0	43.6#

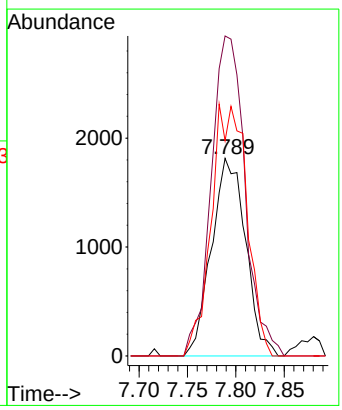


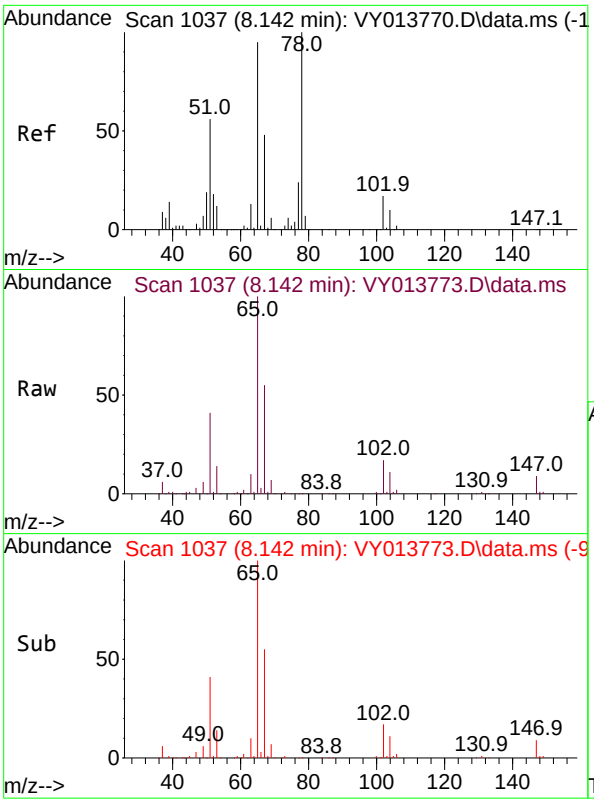


#31
Cyclohexane
Concen: 1.487 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 56 Resp: 4455

Ion	Ratio	Lower	Upper
56	100		
69	162.0	25.8	38.6#
84	108.9	65.8	98.6#



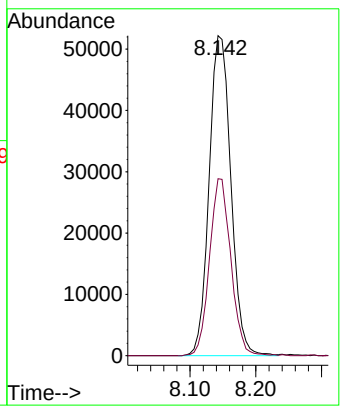


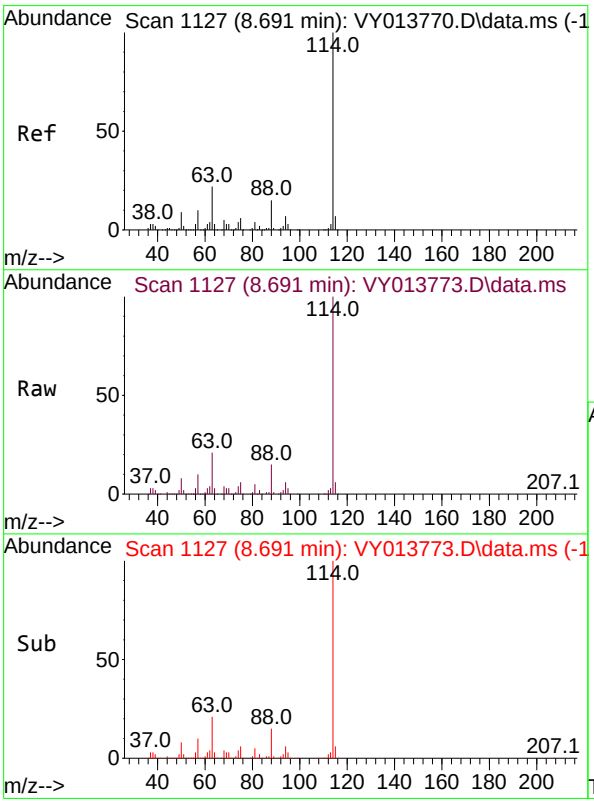
#33
1,2-Dichloroethane-d4
Concen: 57.552 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 120227

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.6

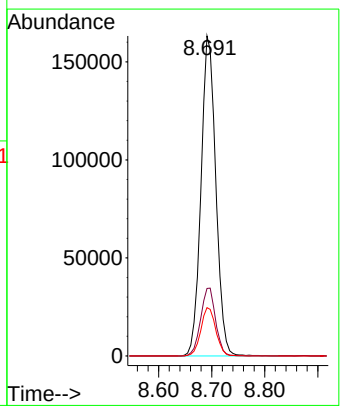


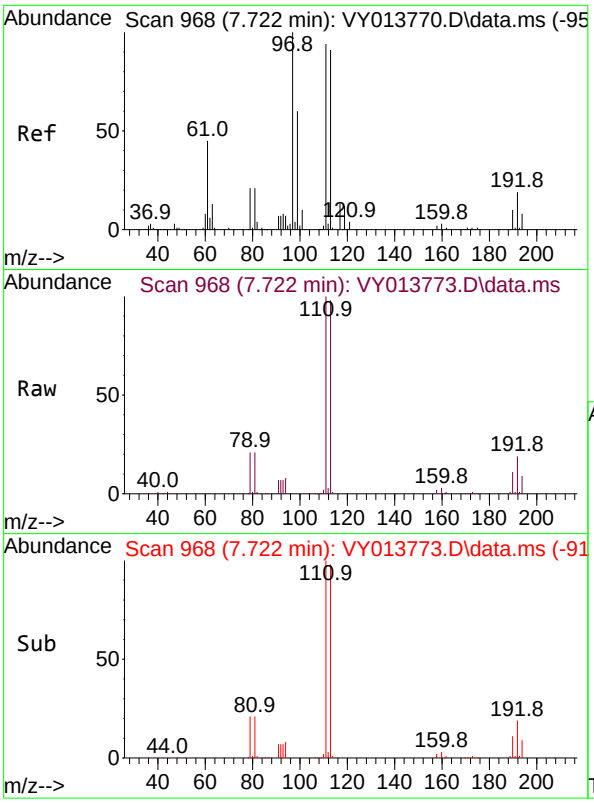


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion:114 Resp: 317019

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.8
88	15.1	0.0	30.8



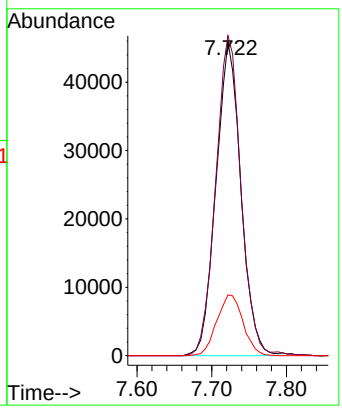


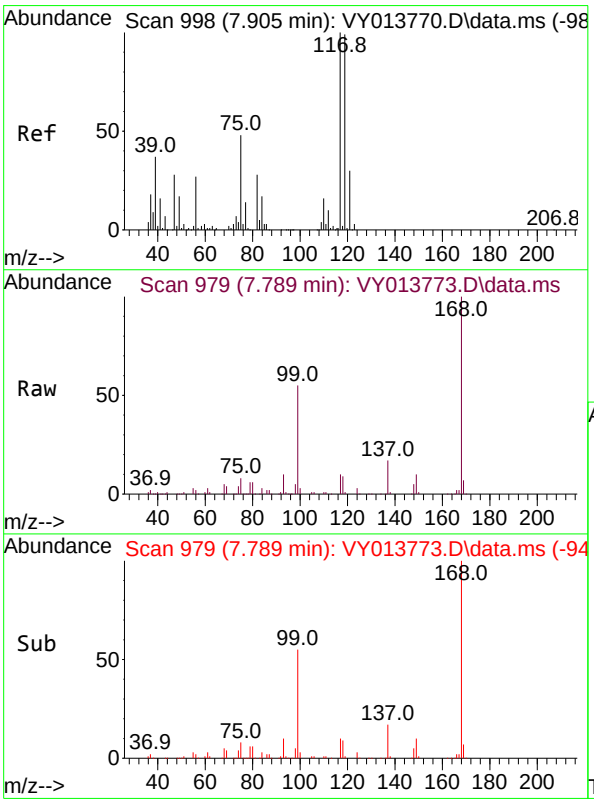
#35
Dibromofluoromethane
Concen: 52.221 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 106161

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	20.4	16.0	24.0

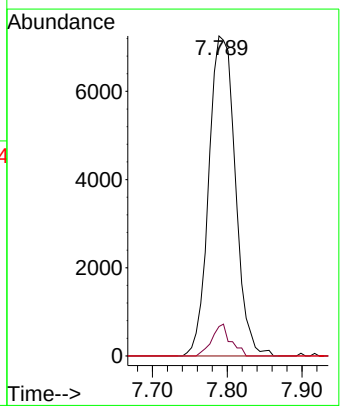


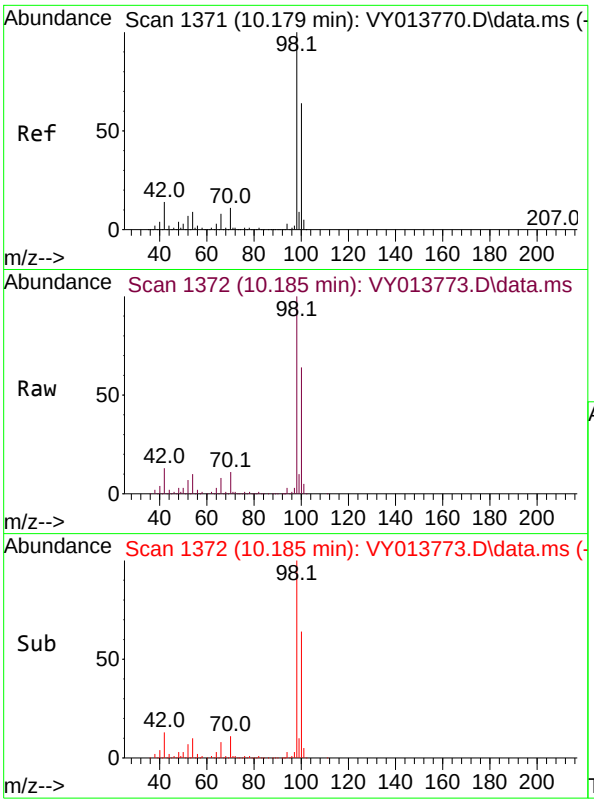


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion:117 Resp: 17867

Ion	Ratio	Lower	Upper
117	100		
119	9.2	79.0	118.6#
121	0.0	24.1	36.1#



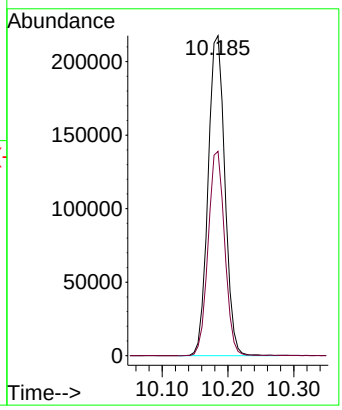


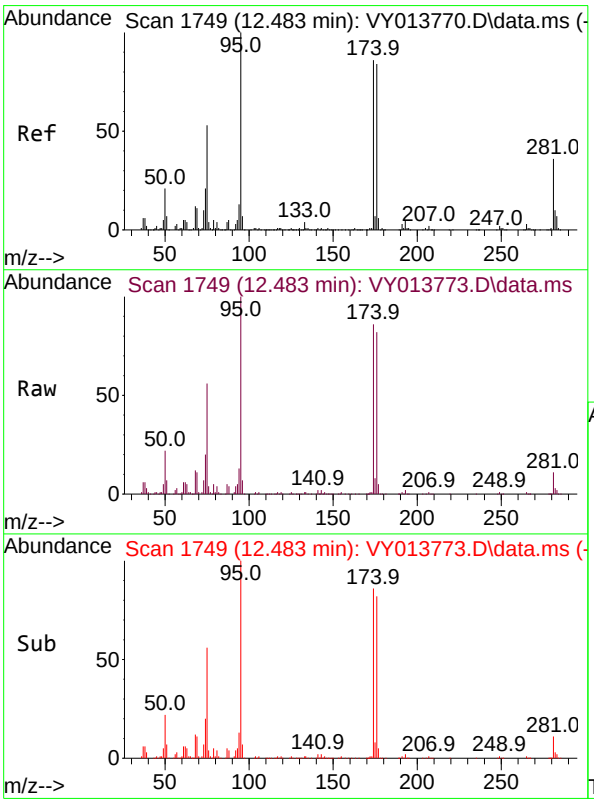
#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 386180

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6

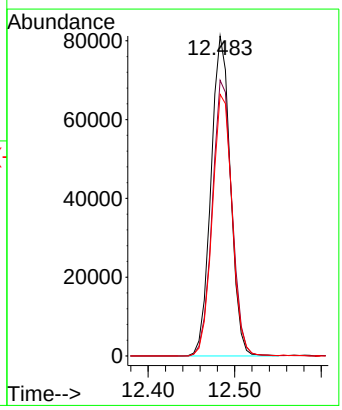


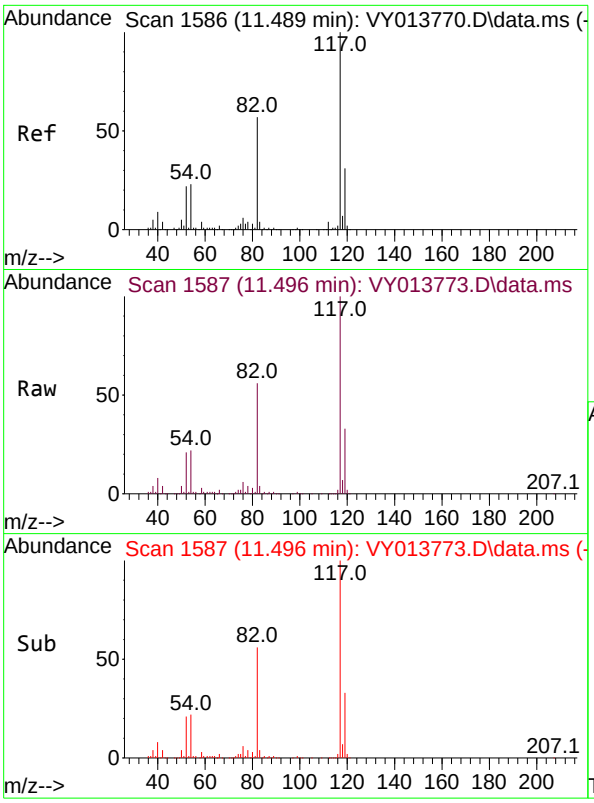


#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 95 Resp: 126705

Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	168.8
176	83.2	0.0	165.2



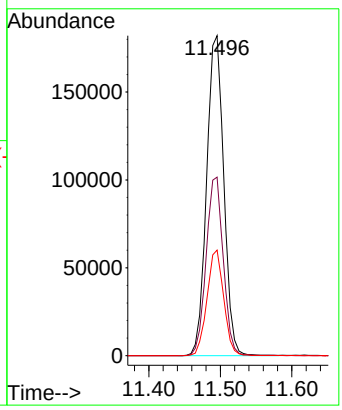


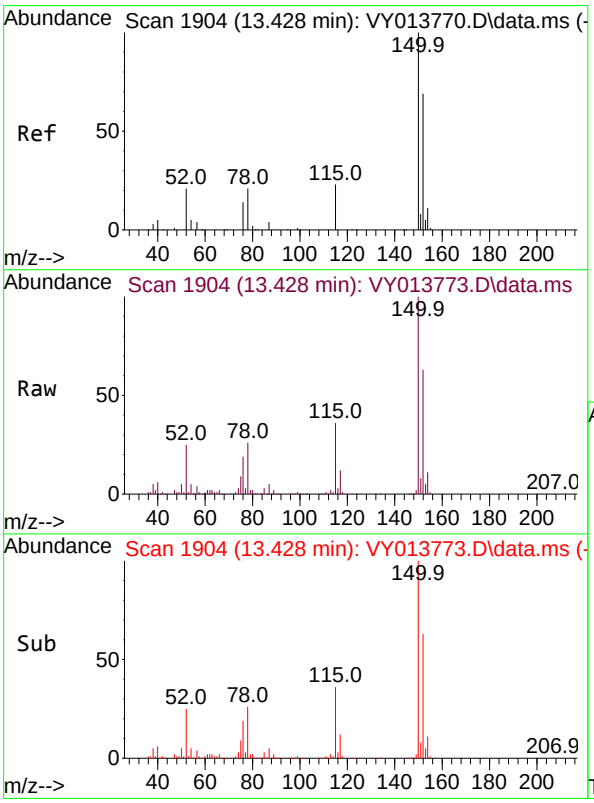
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 303244

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.5	68.3
119	33.0	24.8	37.2

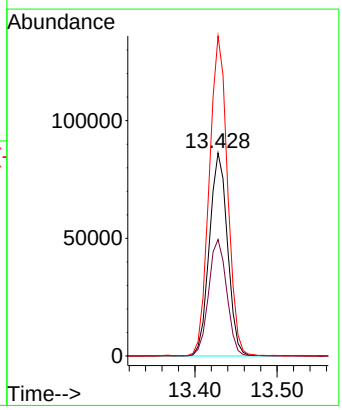


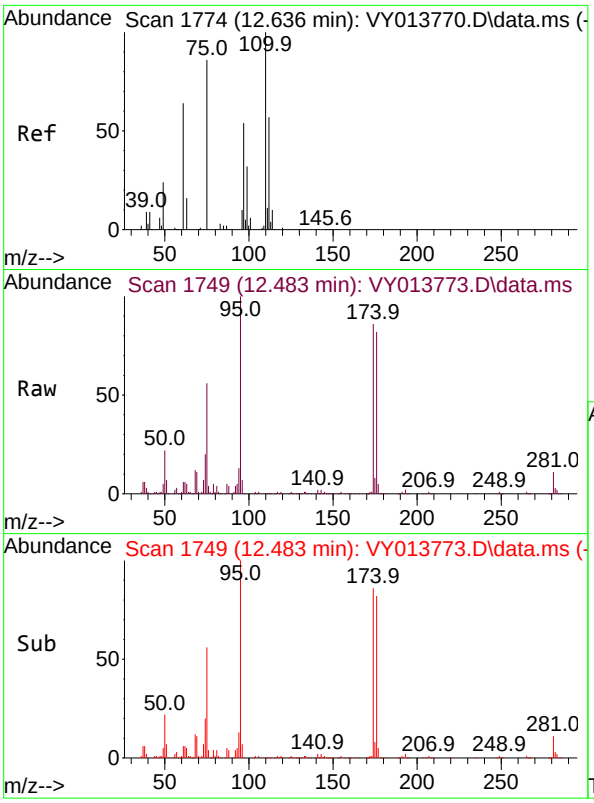


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion:152 Resp: 132173

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	158.6	0.0	347.0



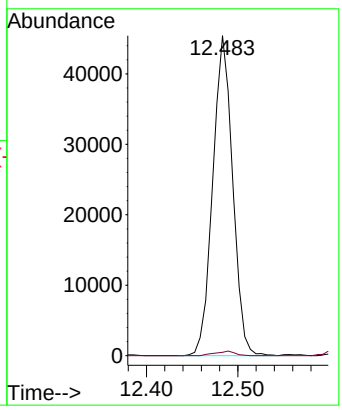


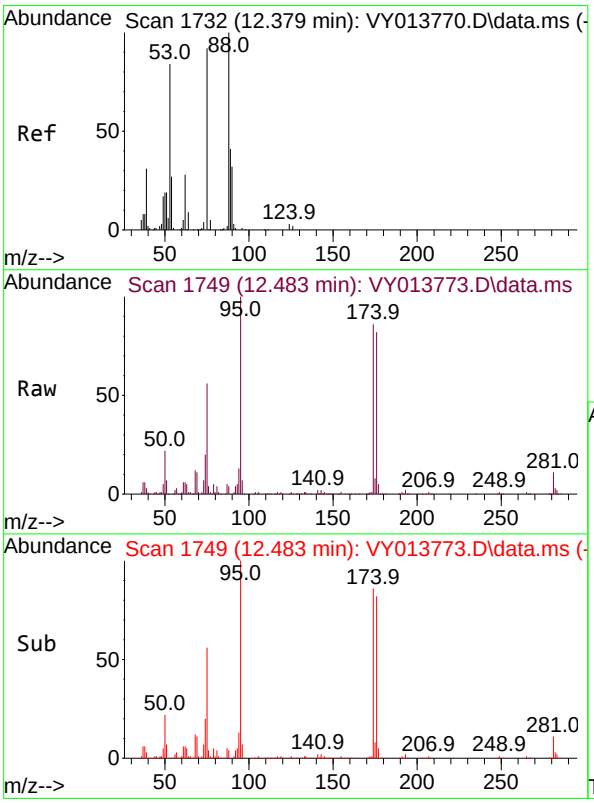
#76
1,2,3-Trichloropropane
Concen: 42.970 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 68737

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

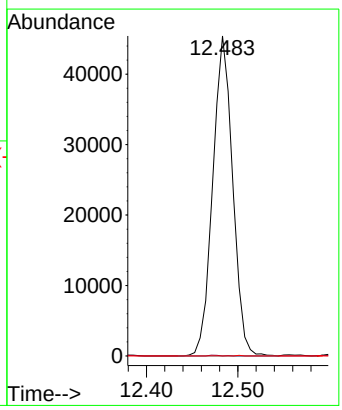


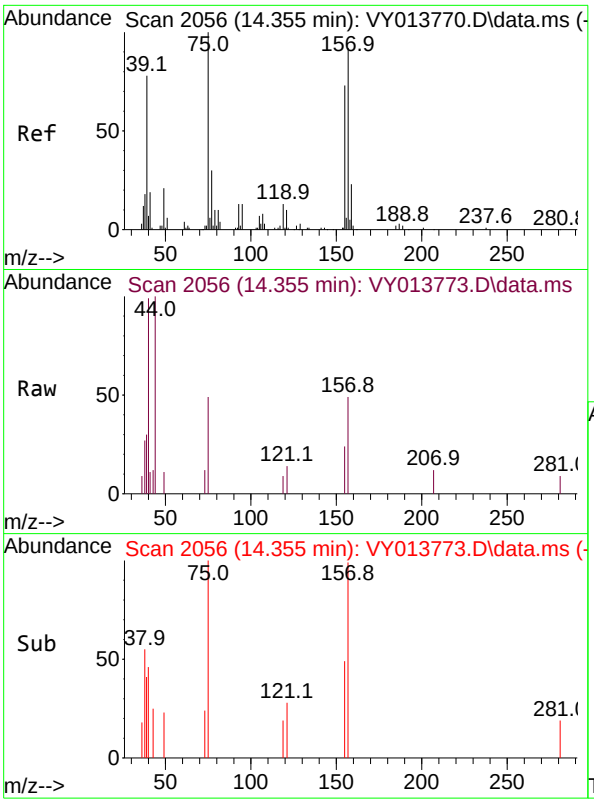


#81
trans-1,4-Dichloro-2-butene
Concen: 95.668 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion: 75 Resp: 68737

Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.3	112.9#
89	0.0	35.4	53.2#



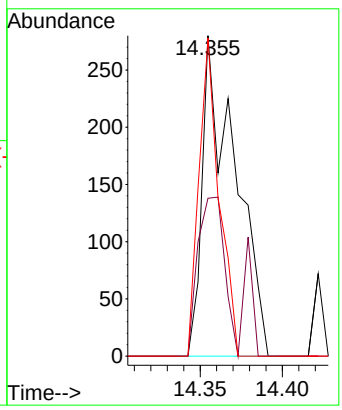


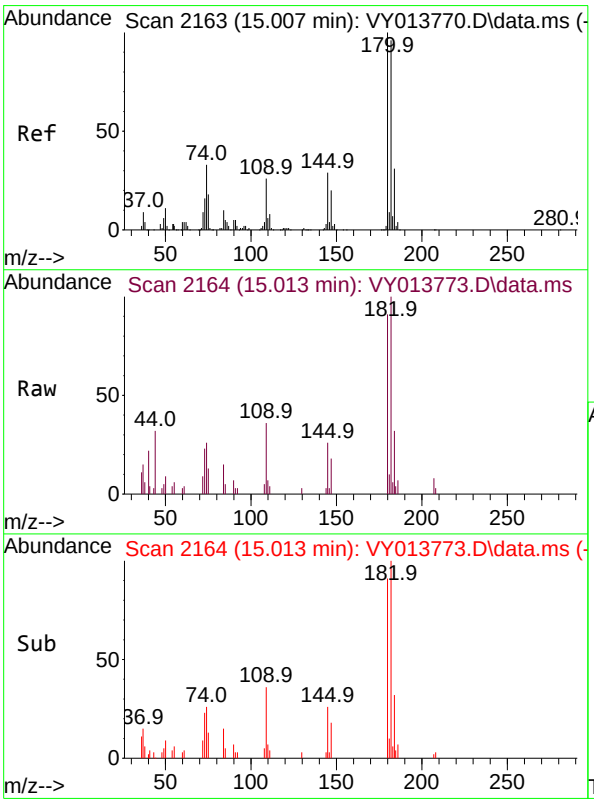
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.133 ug/l
RT: 14.355 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 389

Ion	Ratio	Lower	Upper
75	100		
155	40.4	39.1	117.3
157	60.9	50.2	150.7

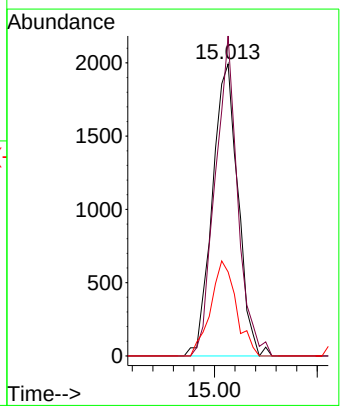


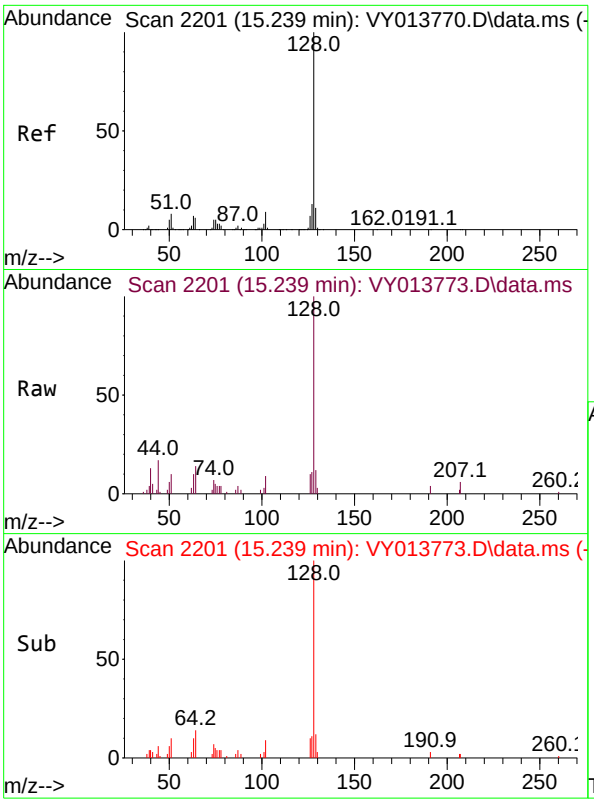


#93
1,2,4-Trichlorobenzene
Concen: 1.549 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion:180 Resp: 3440

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	32.4	14.9	44.9



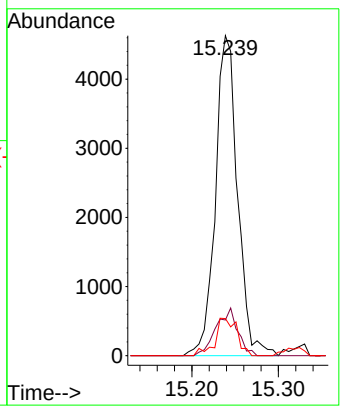


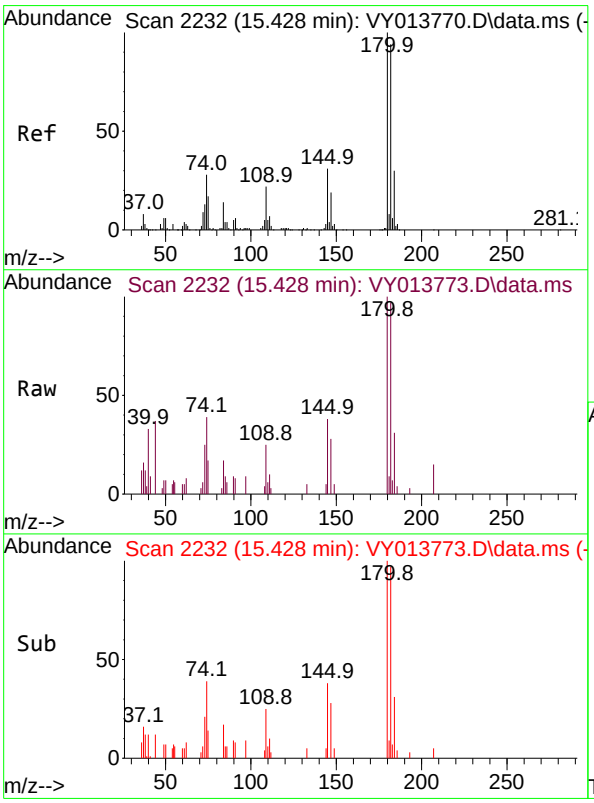
#95
Naphthalene
Concen: 1.866 ug/l
RT: 15.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 8224

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.8	16.2
129	11.5	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 1.843 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY013773.D
Acq: 17 May 2023 12:32

Tgt Ion:180 Resp: 3682

Ion	Ratio	Lower	Upper
180	100		
182	107.1	47.8	143.4
145	37.9	15.6	46.7