Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016578.D
Acq On : 04 Dec 2023 15:26
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 05 01:10:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
Response via : Initial Calibration

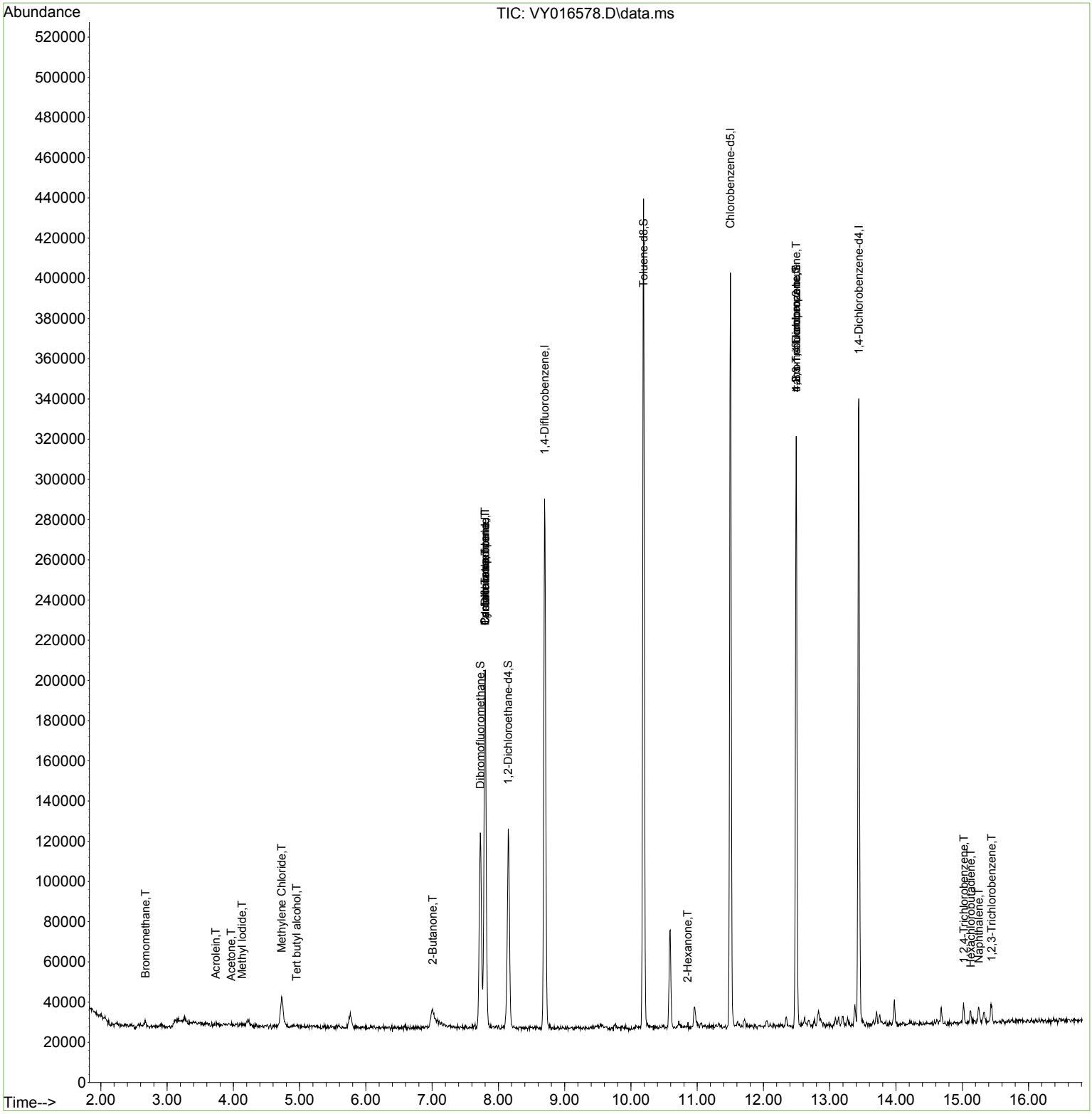
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	141830	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	228324	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.502	117	206523	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82985	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	74442	56.787	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.580%				
35) Dibromofluoromethane	7.728	113	69511	50.588	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.180%				
50) Toluene-d8	10.191	98	264377	50.867	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.740%				
62) 4-Bromofluorobenzene	12.495	95	82956	48.535	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.060%				
Target Compounds							Qvalue
5) Bromomethane	2.674	94	885	1.076	ug/l		87
10) Methyl Iodide	4.131	142	1688	1.151	ug/l	#	38
11) Tert butyl alcohol	4.954	59	1063	11.902	ug/l	#	89
13) Acrolein	3.735	56	184	1.417	ug/l		94
16) Acetone	3.966	43	1145	3.860	ug/l		90
20) Methylene Chloride	4.729	84	10760	5.210	ug/l	#	83
25) 2-Butanone	7.009	43	1025	2.513	ug/l	#	82
31) Cyclohexane	7.801	56	2652	1.185	ug/l	#	1
36) 1,1-Dichloropropene	7.801	75	10076	4.824	ug/l	#	51
38) Carbon Tetrachloride	7.801	117	13335	5.515	ug/l	#	16
59) 2-Hexanone	10.855	43	688	1.038	ug/l		100
76) 1,2,3-Trichloropropane	12.495	75	44296	57.652	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	44296	133.297	ug/l	#	11
93) 1,2,4-Trichlorobenzene	15.025	180	2913	2.175	ug/l		93
94) Hexachlorobutadiene	15.129	225	1141	1.348	ug/l		95
95) Naphthalene	15.251	128	5970	1.490	ug/l		100
96) 1,2,3-Trichlorobenzene	15.446	180	3001	2.010	ug/l		94

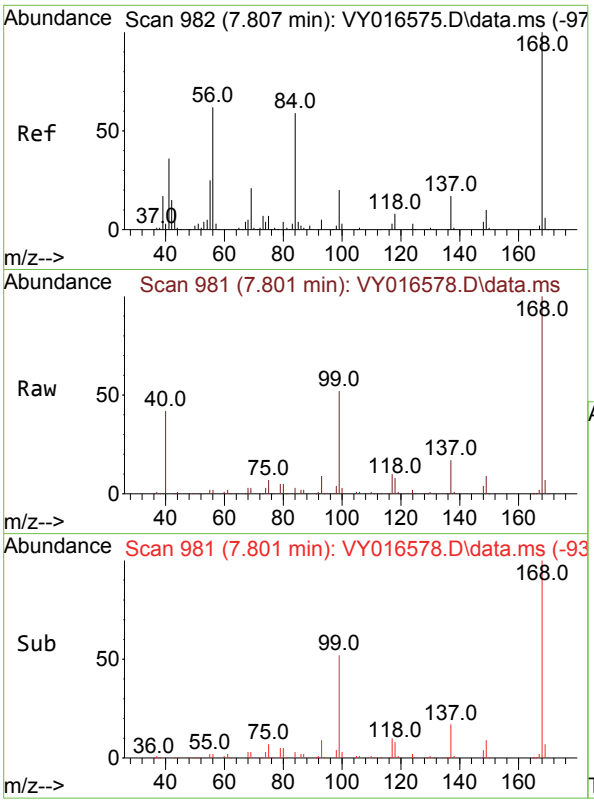
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016578.D
Acq On : 04 Dec 2023 15:26
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Dec 05 01:10:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
Response via : Initial Calibration



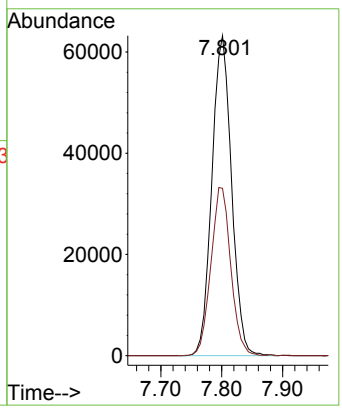


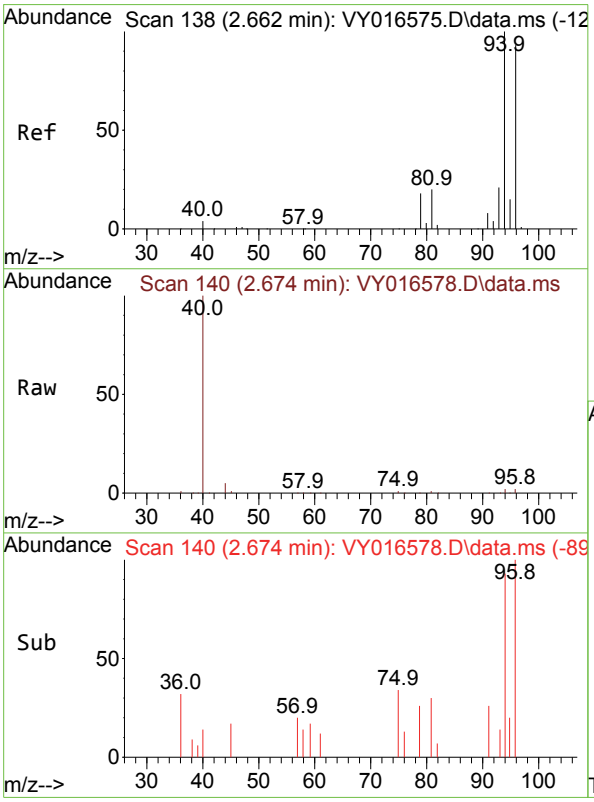
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 141830

Ion	Ratio	Lower	Upper
168	100		
99	52.3	43.4	65.0

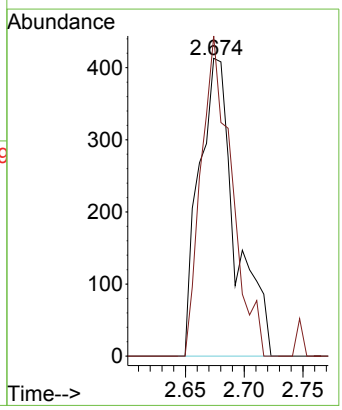


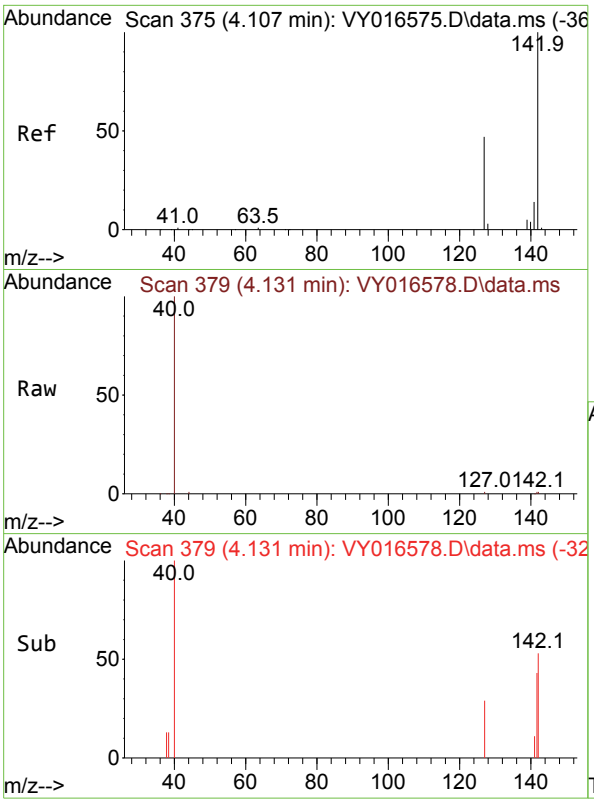


#5
Bromomethane
Concen: 1.076 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.012 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 94 Resp: 885

Ion	Ratio	Lower	Upper
94	100		
96	107.5	75.8	113.6



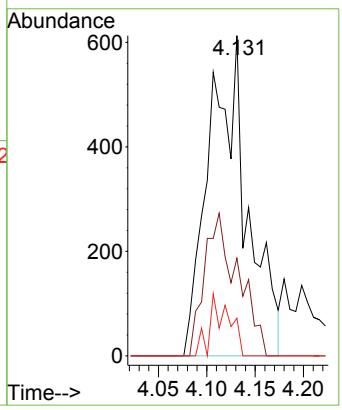


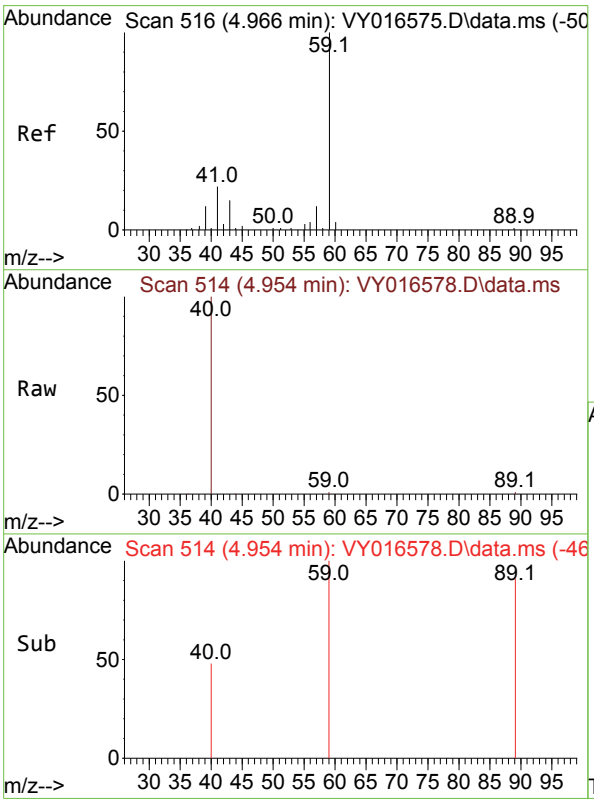
#10
Methyl Iodide
Concen: 1.151 ug/l
RT: 4.131 min Scan# 3
Delta R.T. 0.024 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:142 Resp: 1688

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.6	56.4#
141	0.0	11.8	17.8#

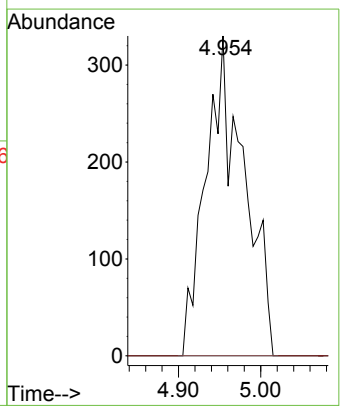


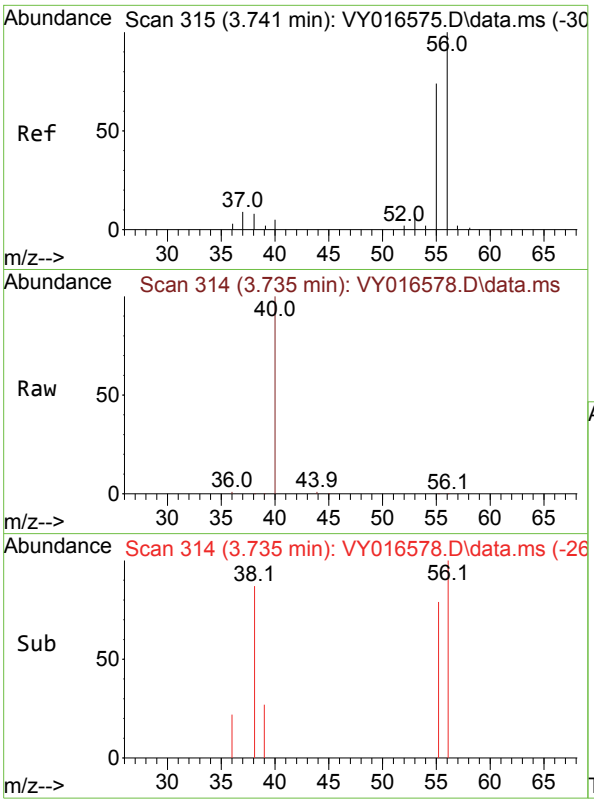


#11
Tert butyl alcohol
Concen: 11.902 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 59 Resp: 1063

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.0	4.4#



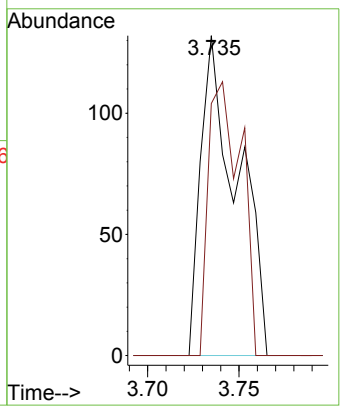


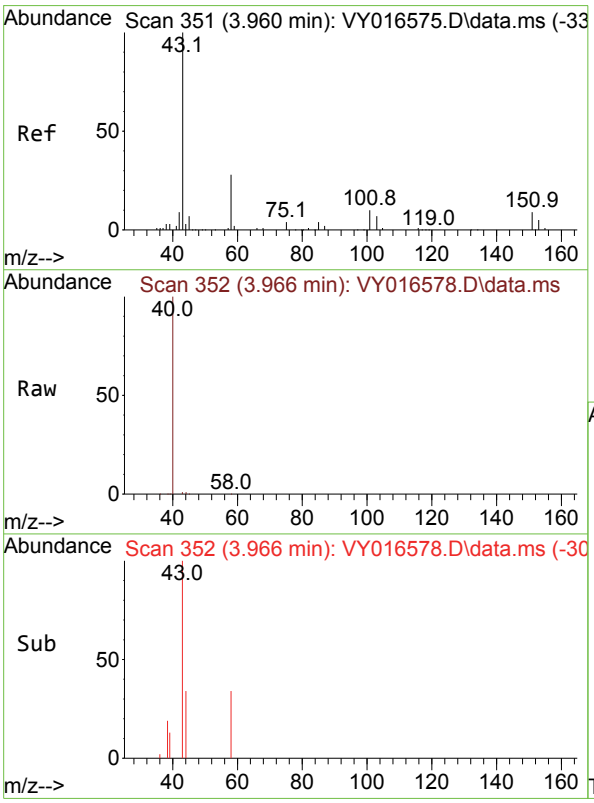
#13
Acrolein
Concen: 1.417 ug/l
RT: 3.735 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	76.1	57.0	85.4

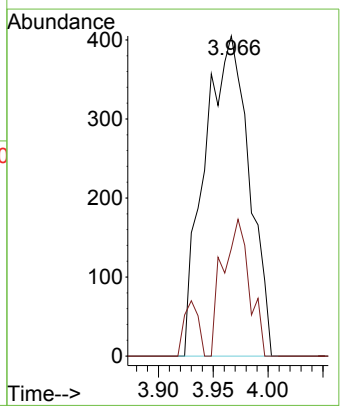


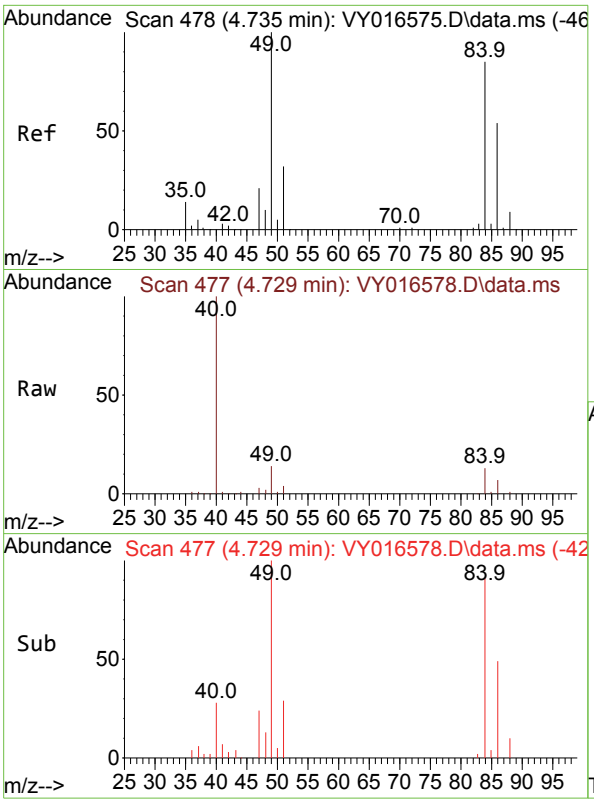


#16
Acetone
Concen: 3.860 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 43 Resp: 1145

Ion	Ratio	Lower	Upper
43	100		
58	33.6	22.7	34.1



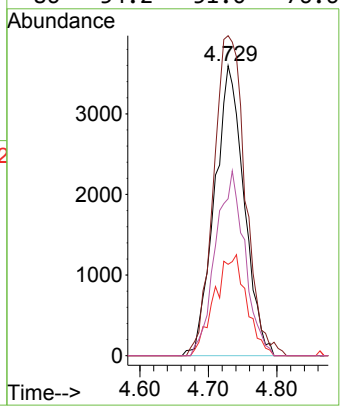


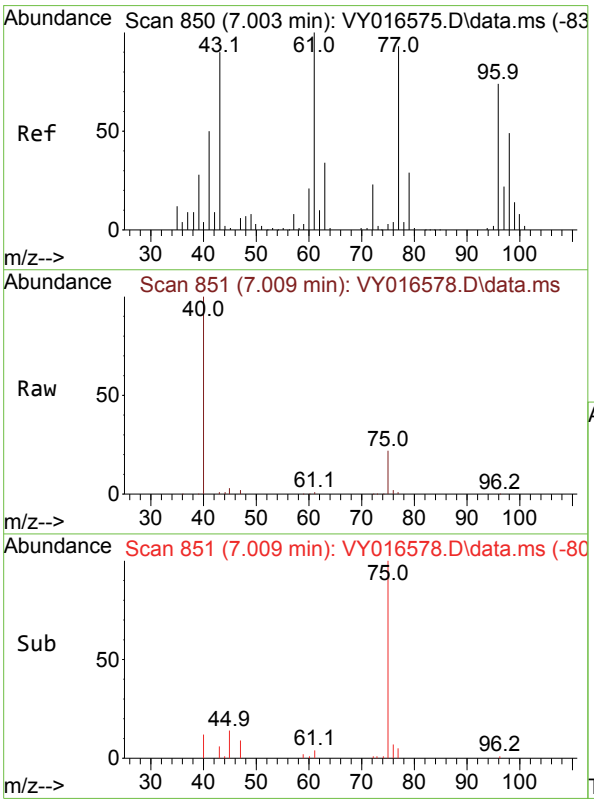
#20
Methylene Chloride
Concen: 5.210 ug/l
RT: 4.729 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 10760

Ion	Ratio	Lower	Upper
84	100		
49	110.4	106.9	160.3
51	31.5	33.2	49.8#
86	54.2	51.0	76.6

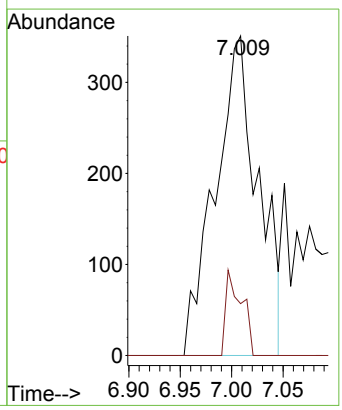


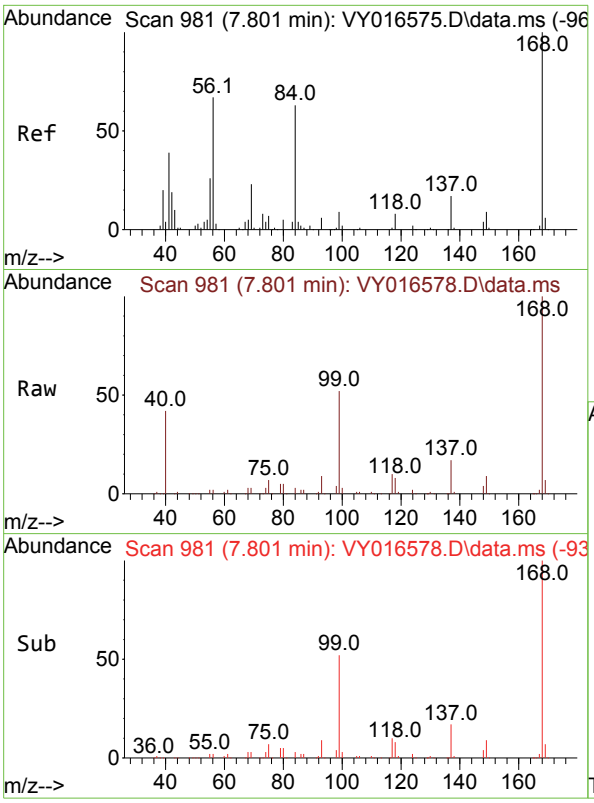


#25
2-Butanone
Concen: 2.513 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 43 Resp: 1025

Ion	Ratio	Lower	Upper
43	100		
72	16.2	20.5	30.7#



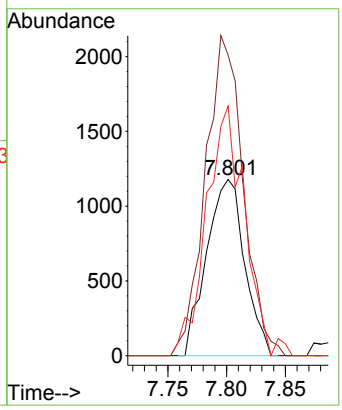


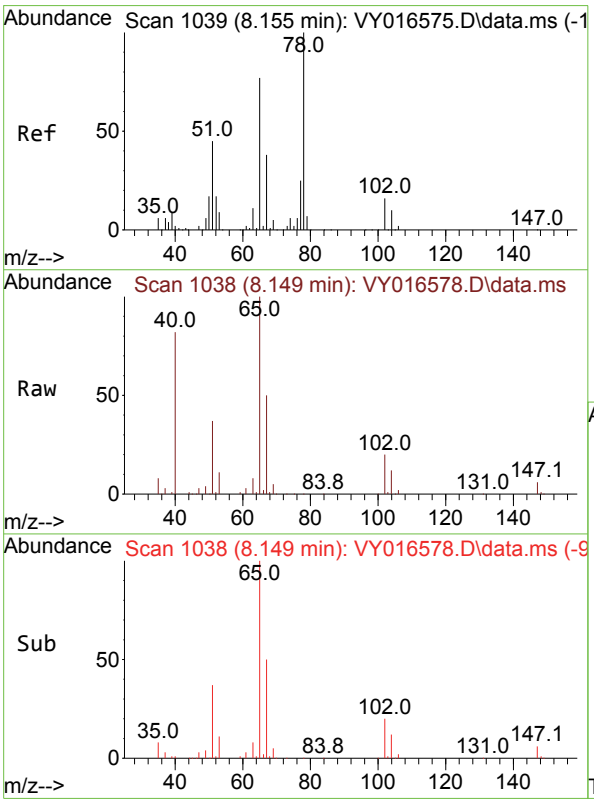
#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.801 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 2652

Ion	Ratio	Lower	Upper
56	100		
69	164.7	27.8	41.6#
84	134.3	66.4	99.6#

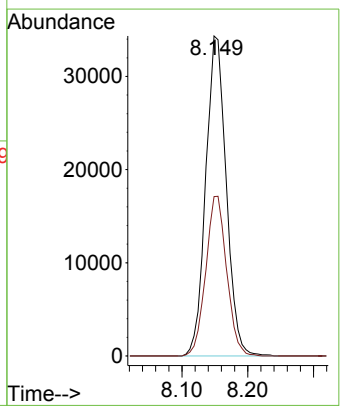


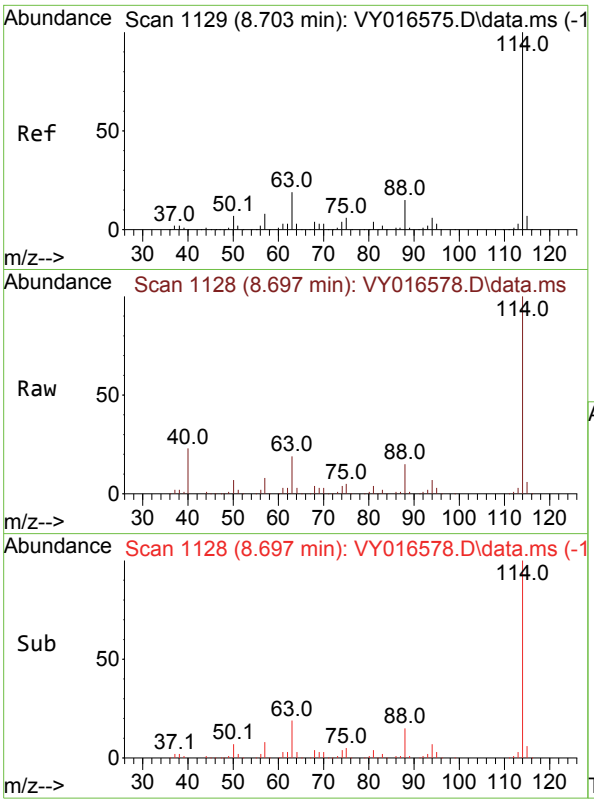


#33
1,2-Dichloroethane-d4
Concen: 56.787 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 65 Resp: 74442

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.8



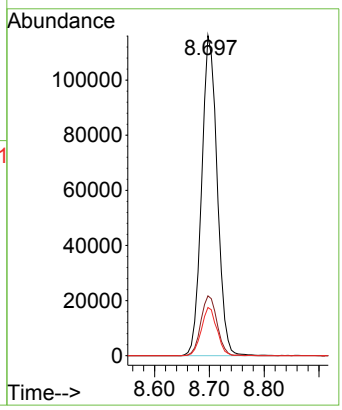


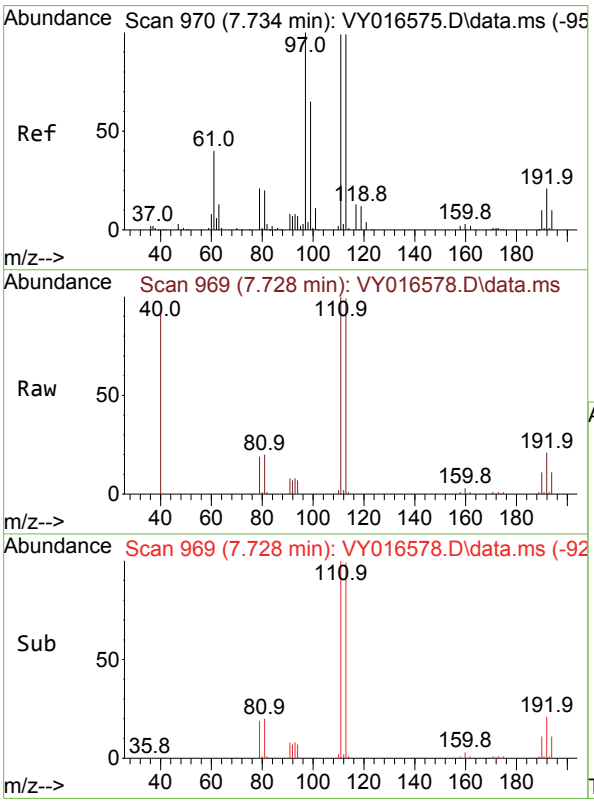
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 228324

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	15.1	0.0	30.6

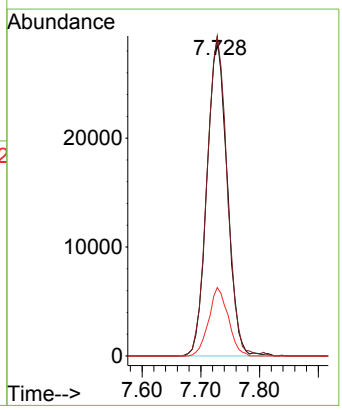


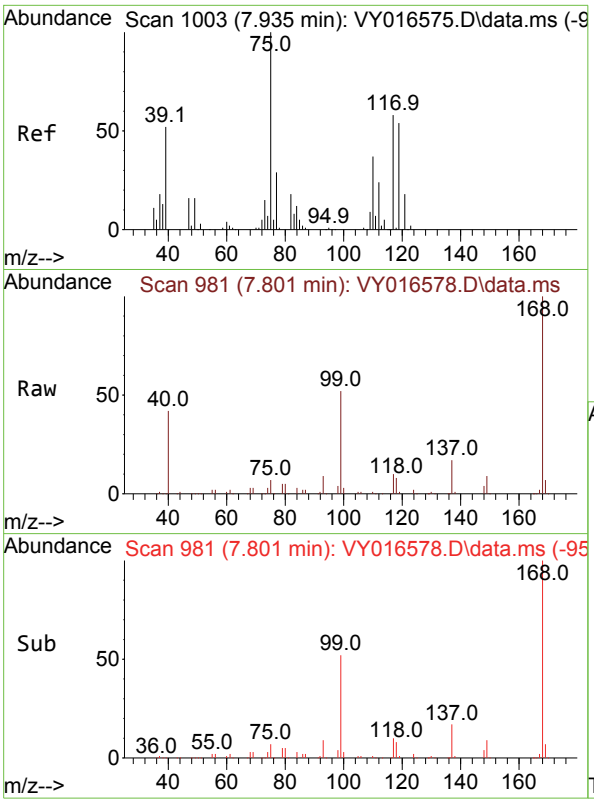


#35
Dibromofluoromethane
Concen: 50.588 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:113 Resp: 69511

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.3	121.9
192	20.9	16.9	25.3



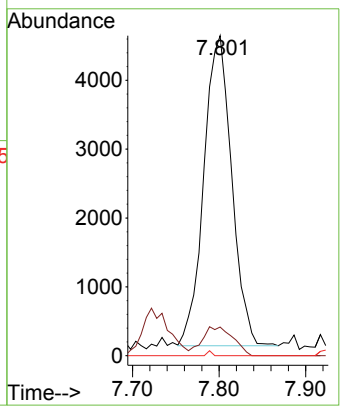


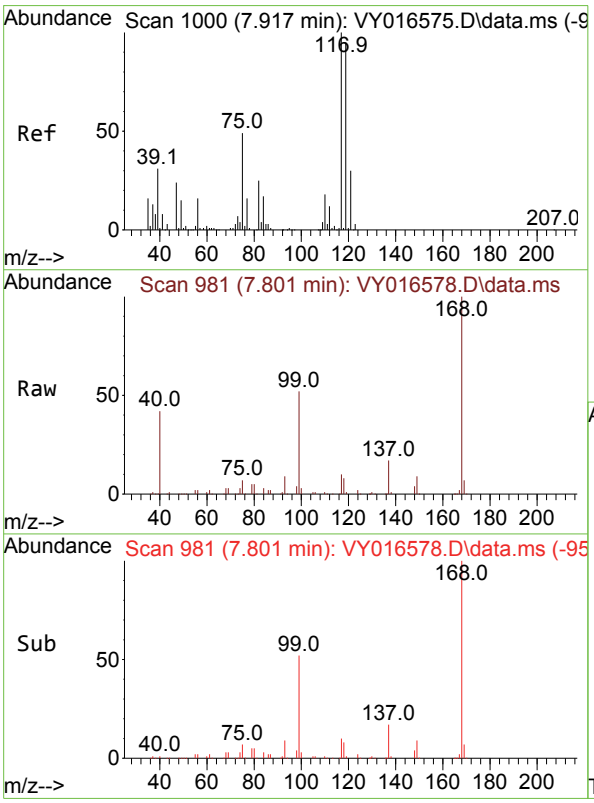
#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.801 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 10076

Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.8	53.5#
77	0.3	24.4	36.6#

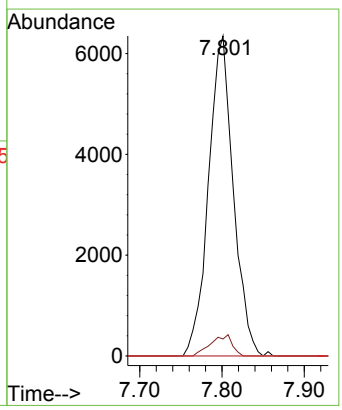


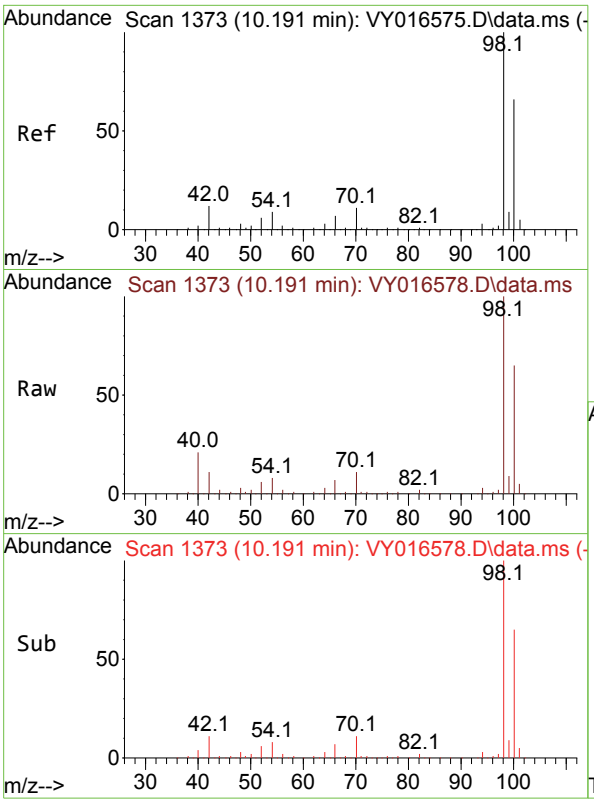


#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:117 Resp: 13335

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	25.8	38.6#



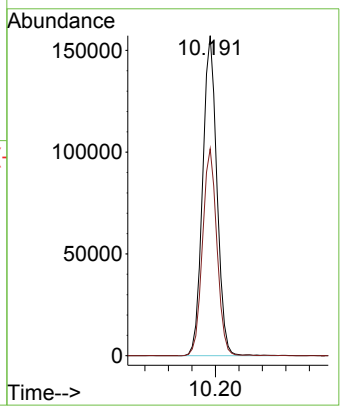


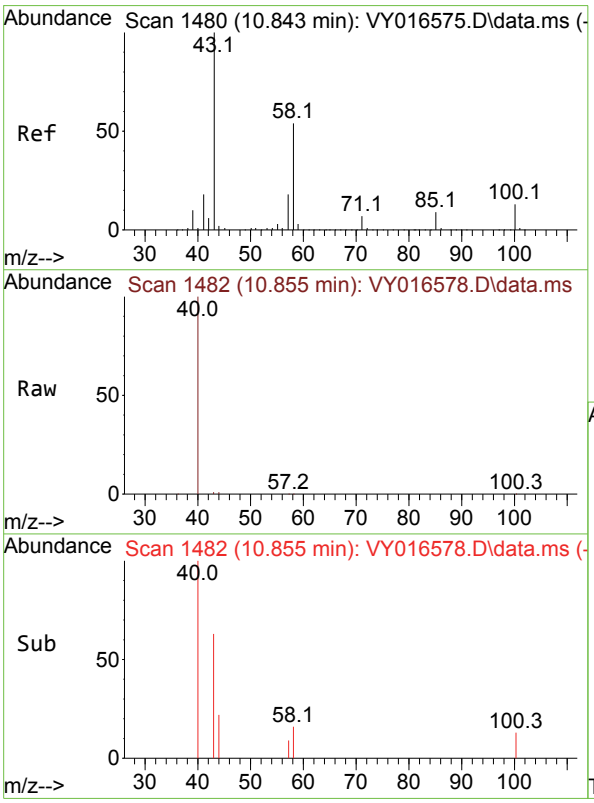
#50
Toluene-d8
Concen: 50.867 ug/l
RT: 10.191 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 264377

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.1	75.1

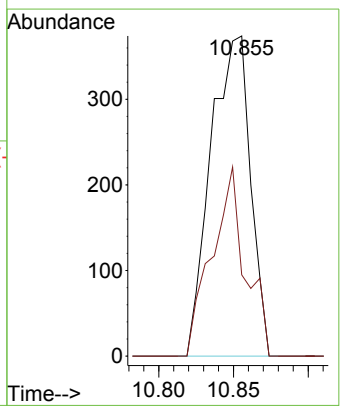


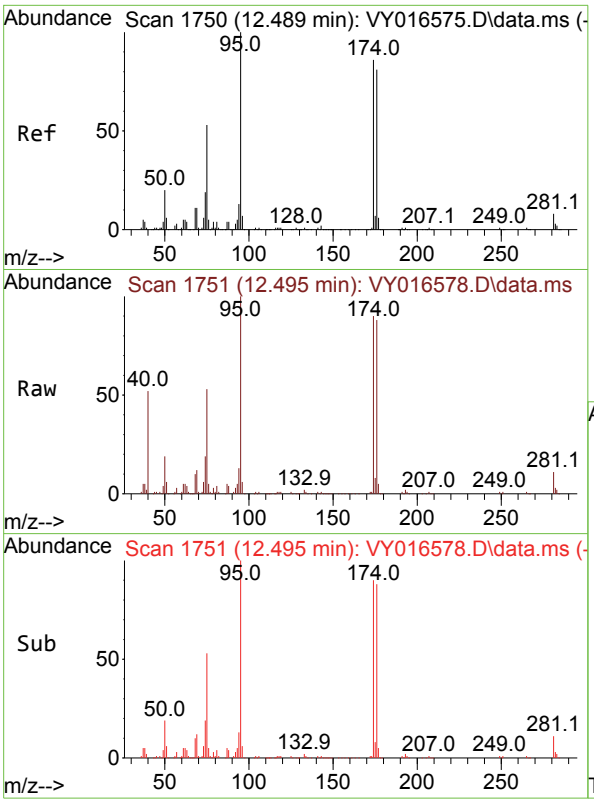


#59
2-Hexanone
Concen: 1.038 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 43 Resp: 688

Ion	Ratio	Lower	Upper
43	100		
58	50.1	25.1	75.3



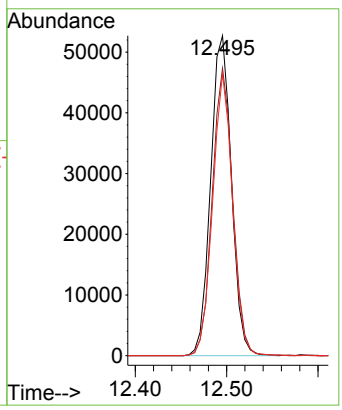


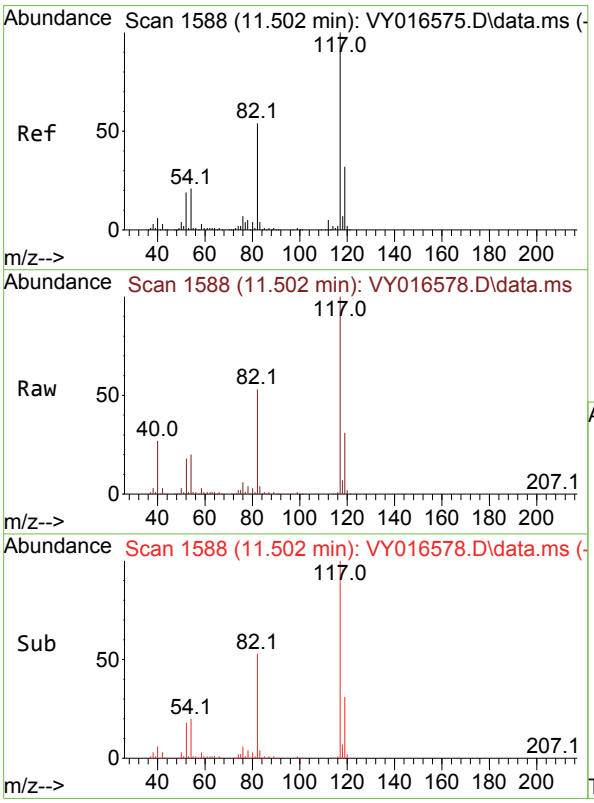
#62
4-Bromofluorobenzene
Concen: 48.535 ug/l
RT: 12.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 82956

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	178.2
176	85.0	0.0	173.8

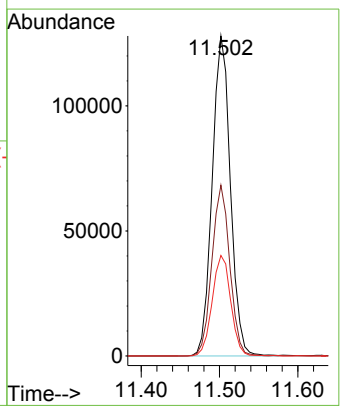


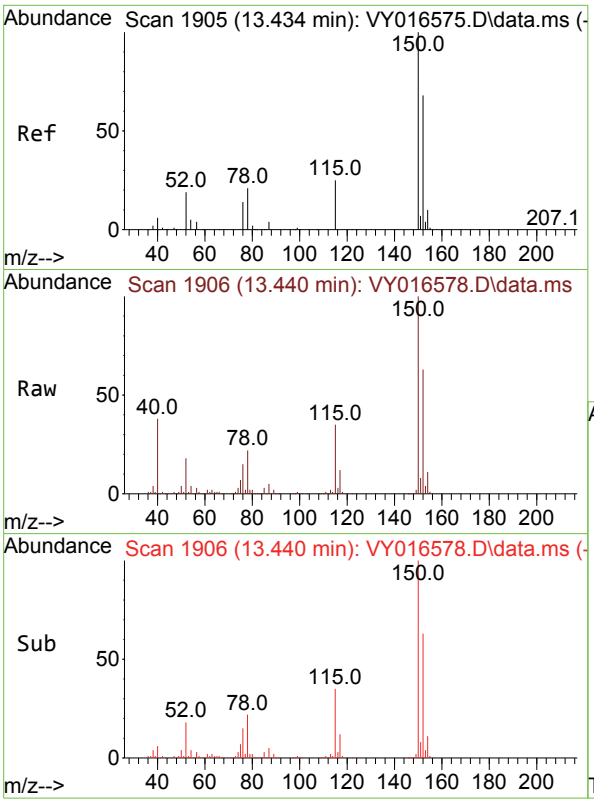


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:117 Resp: 206523

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	31.4	26.3	39.5



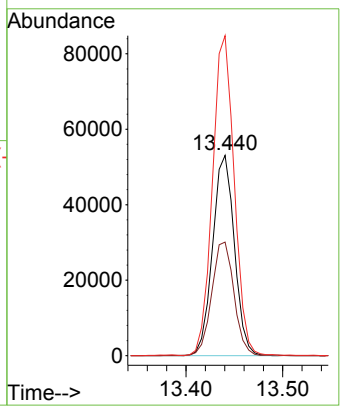


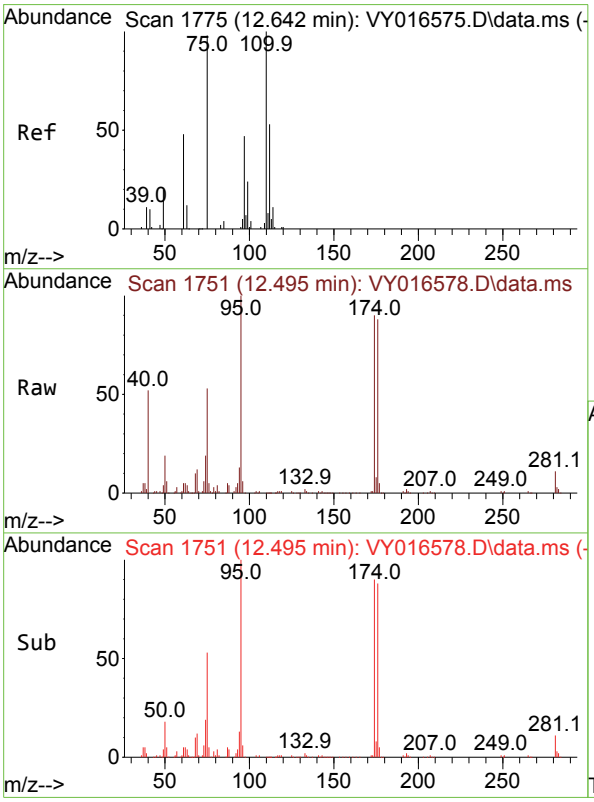
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 82985

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	159.7	0.0	348.8

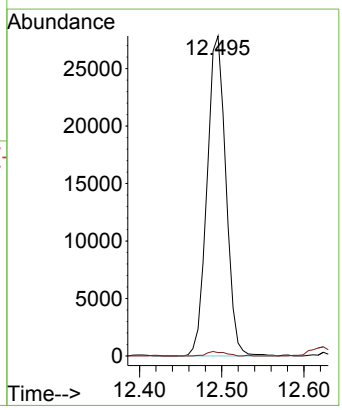


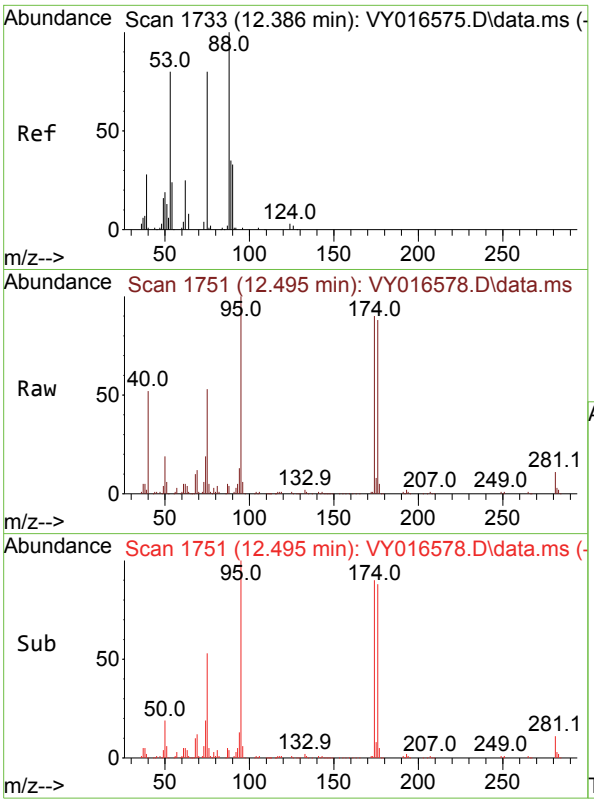


#76
1,2,3-Trichloropropane
Concen: 57.652 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 75 Resp: 44296

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



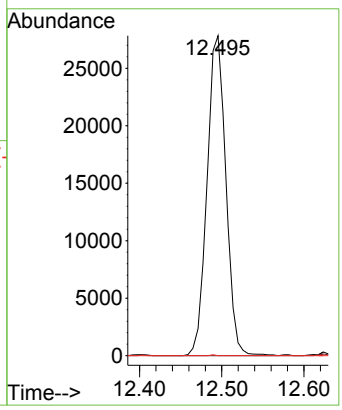


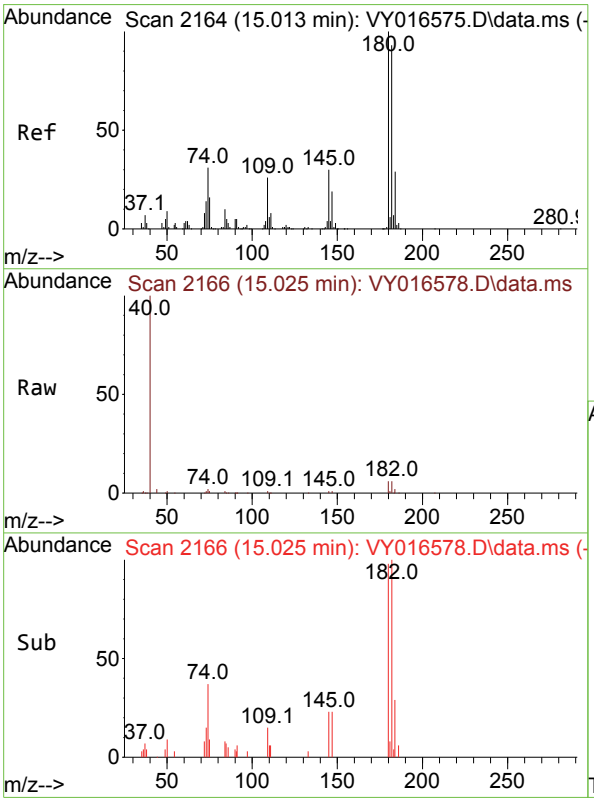
#81
trans-1,4-Dichloro-2-butene
Concen: 133.297 ug/l
RT: 12.495 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 44296

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

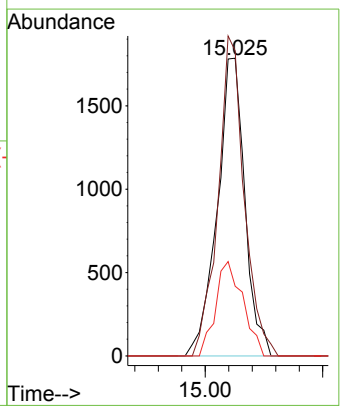


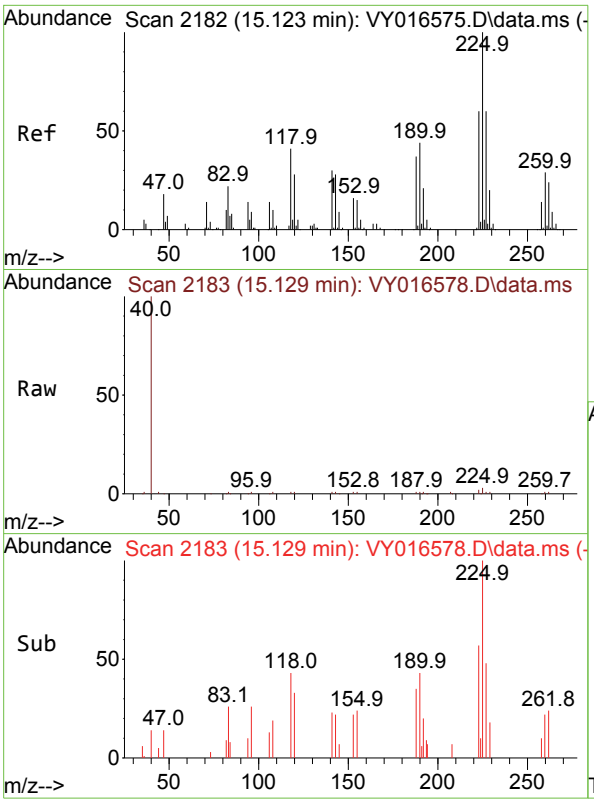


#93
1,2,4-Trichlorobenzene
Concen: 2.175 ug/l
RT: 15.025 min Scan# 2166
Delta R.T. 0.012 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:180 Resp: 2913

Ion	Ratio	Lower	Upper
180	100		
182	102.0	47.0	141.2
145	31.3	14.5	43.5



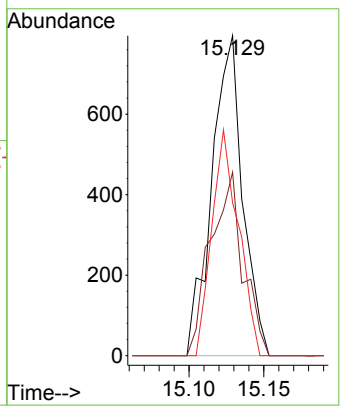


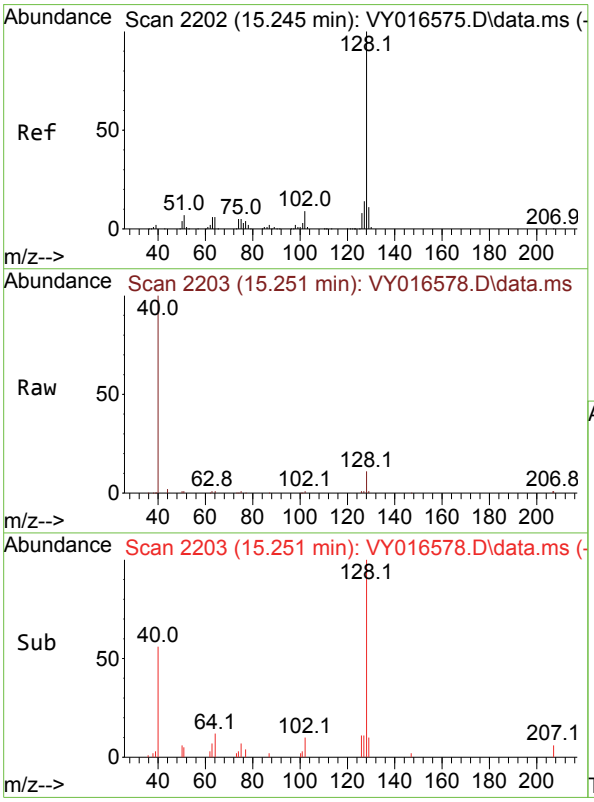
#94
Hexachlorobutadiene
Concen: 1.348 ug/l
RT: 15.129 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:225 Resp: 1141

Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.9	95.9
227	60.8	33.0	98.9

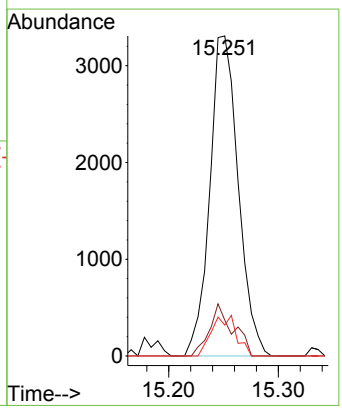


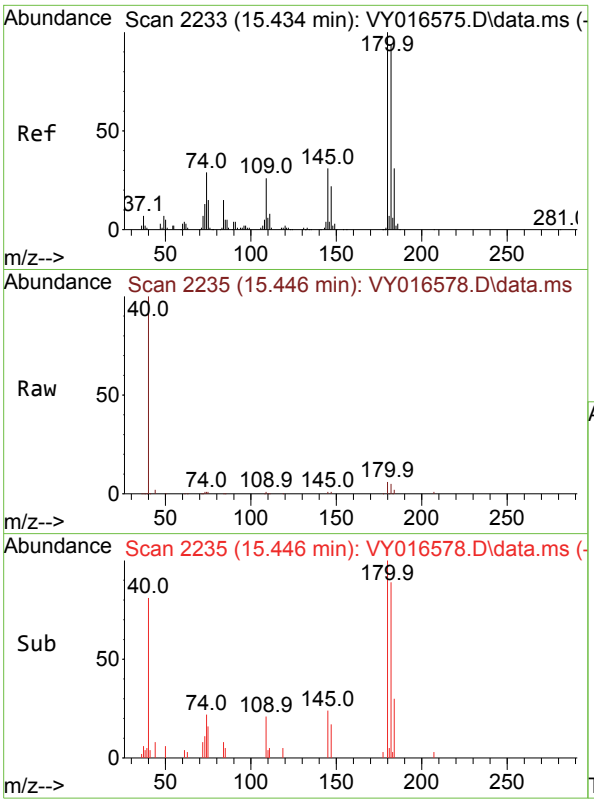


#95
Naphthalene
Concen: 1.490 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:128 Resp: 5970

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.9	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.010 ug/l
RT: 15.446 min Scan# 2
Delta R.T. 0.012 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 3001

Ion	Ratio	Lower	Upper
180	100		
182	101.1	47.3	141.8
145	33.9	15.4	46.2