Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
Data File : VY014626.D
Acq On : 13 Jul 2023 11:30
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jul 14 04:24:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	271624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	469888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	430426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	163553	52.840	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.680%			
35) Dibromofluoromethane	7.710	113	150970	50.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.173	98	558870	50.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.477	95	212820	50.330	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.660%			
Target Compounds						Qvalue
10) Methyl Iodide	4.095	142	847	2.635	ug/l	89
11) Tert butyl alcohol	4.924	59	5906	Below Cal	#	96
13) Acrolein	3.723	56	677	2.093	ug/l #	14
15) Acrylonitrile	5.161	53	1430	1.493	ug/l #	66
16) Acetone	3.948	43	2397	2.444	ug/l	98
20) Methylene Chloride	4.704	84	82740	23.750	ug/l	89
25) 2-Butanone	6.978	43	3938	2.744	ug/l	98
31) Cyclohexane	7.777	56	6115	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20919	4.676	ug/l #	51
38) Carbon Tetrachloride	7.783	117	27455	5.806	ug/l #	15
49) 1,4-Dioxane	9.289	88	61	1.856	ug/l #	1
59) 2-Hexanone	10.831	43	2372	1.056	ug/l	89
76) 1,2,3-Trichloropropane	12.477	75	108355	43.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	108355	83.544	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.007	180	6769	1.683	ug/l	96
95) Naphthalene	15.239	128	21594	2.304	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	6894	1.928	ug/l	97

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

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MSVOA_Y
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VIBLK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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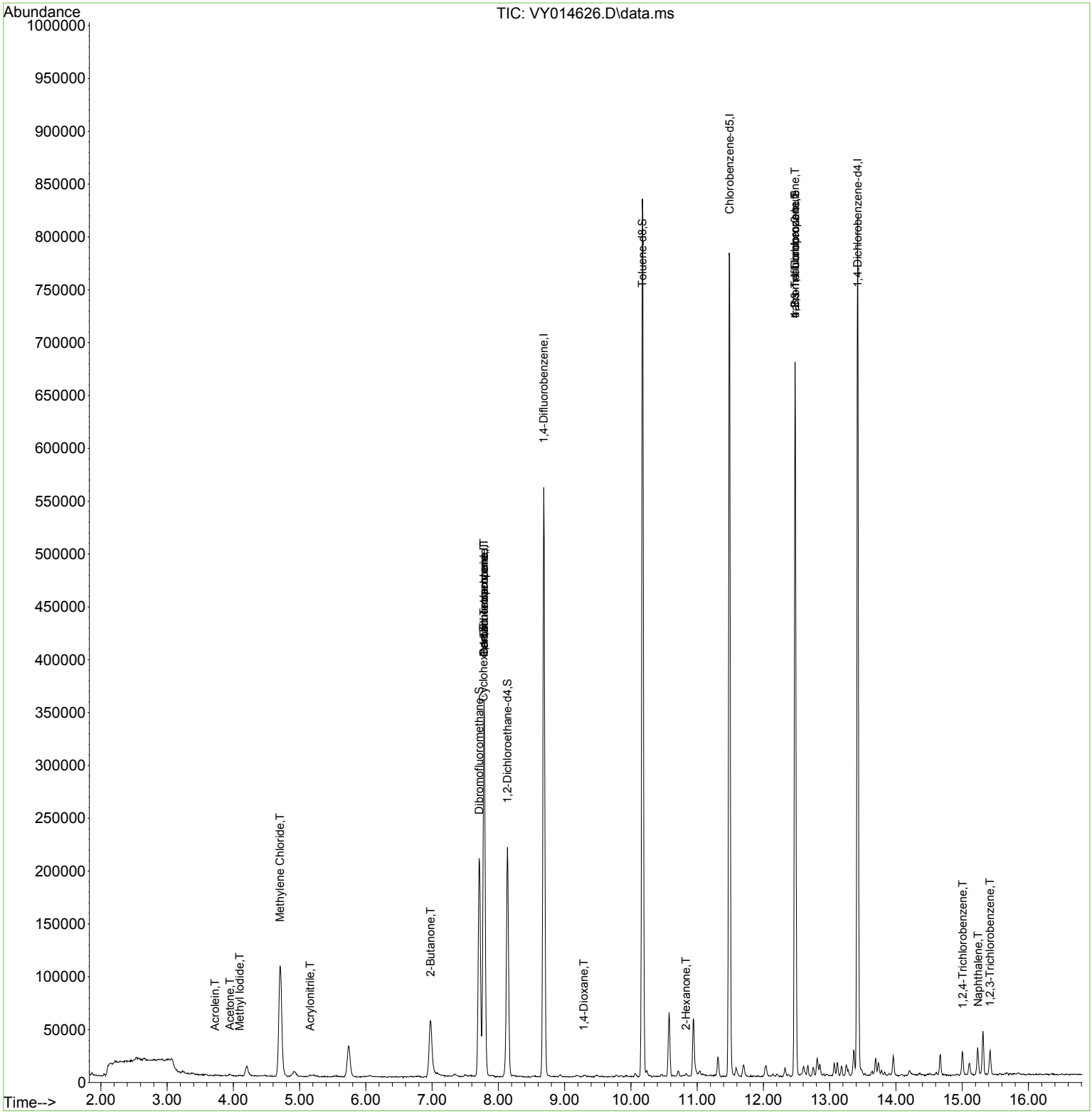
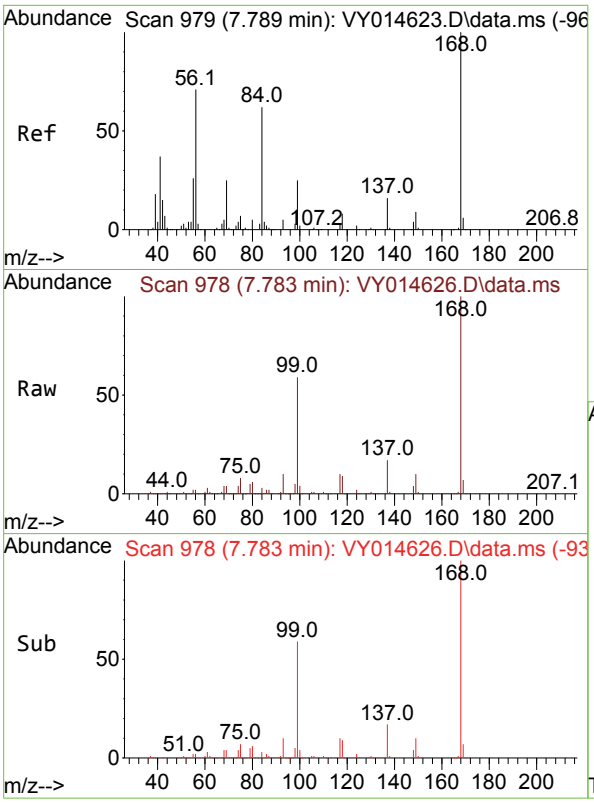


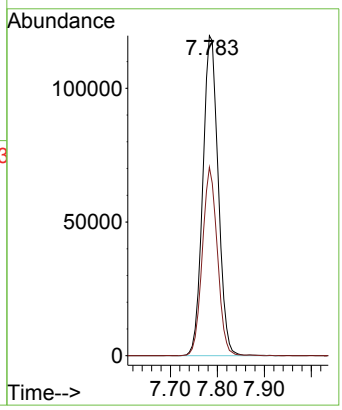


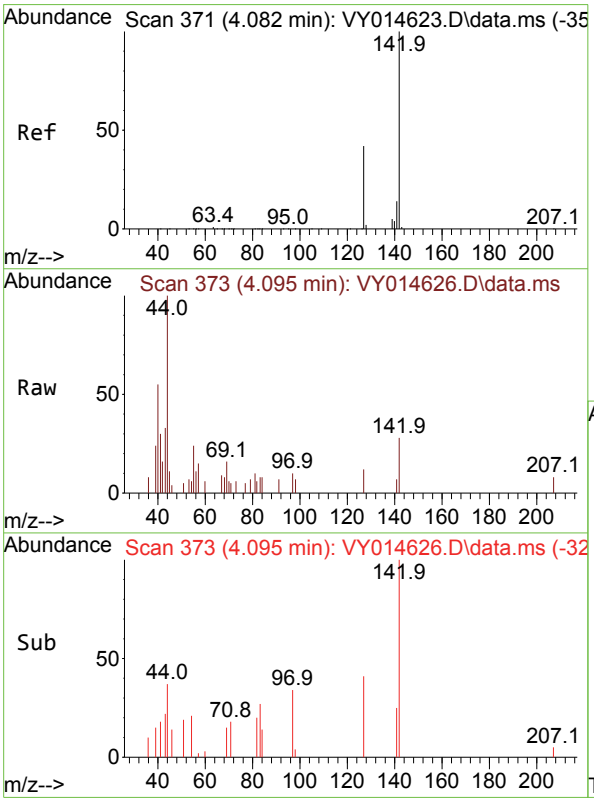
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 271624

Ion	Ratio	Lower	Upper
168	100		
99	58.9	43.4	65.0

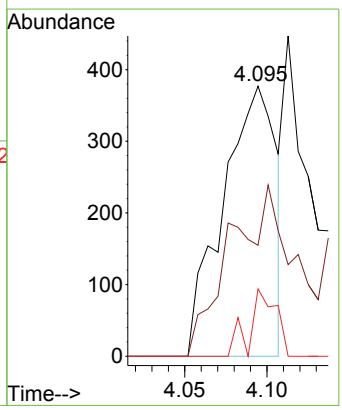


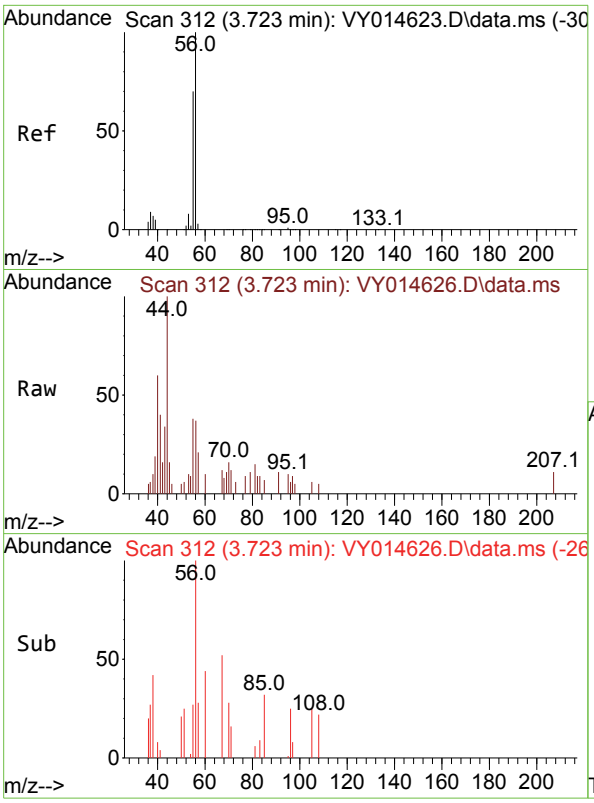


#10
Methyl Iodide
Concen: 2.635 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion:142 Resp: 847

Ion	Ratio	Lower	Upper
142	100		
127	38.5	37.6	56.4
141	12.4	11.8	17.8



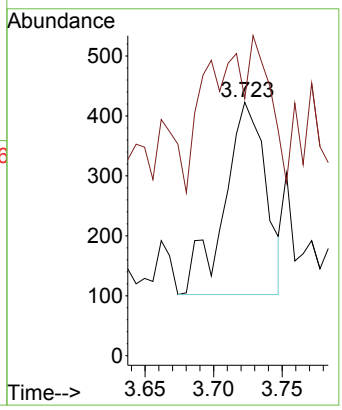


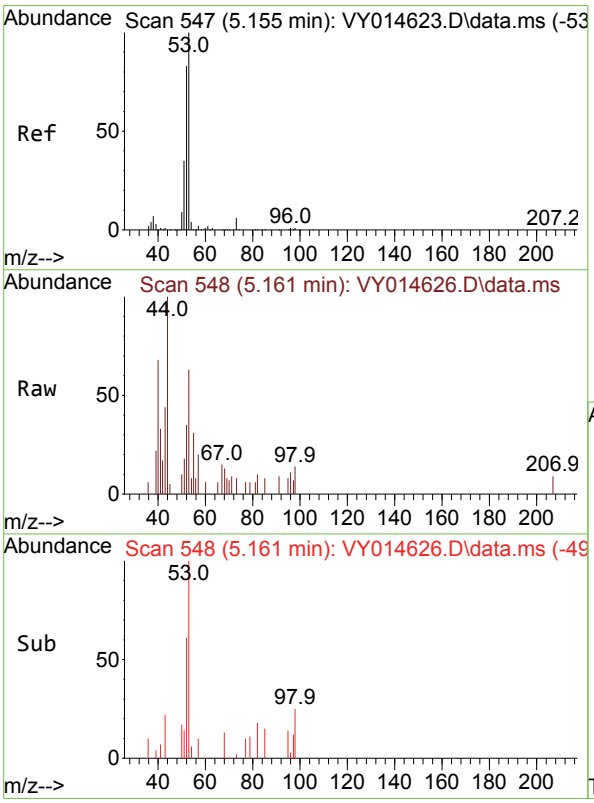
#13
Acrolein
Concen: 2.093 ug/l
RT: 3.723 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 677

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

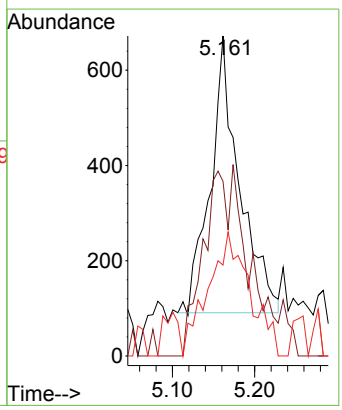


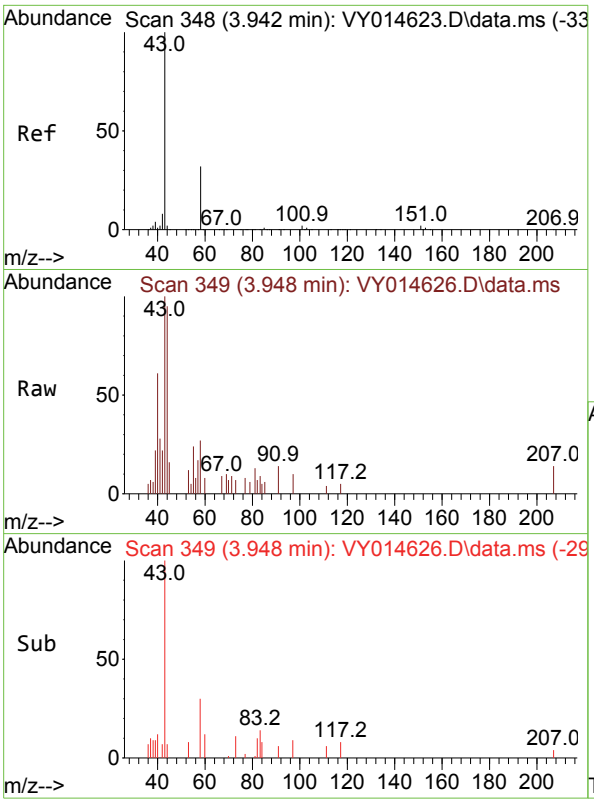


#15
Acrylonitrile
Concen: 1.493 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 53 Resp: 1430

Ion	Ratio	Lower	Upper
53	100		
52	57.0	66.9	100.3#
51	63.4	29.8	44.6#



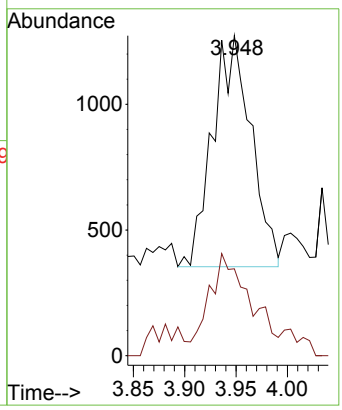


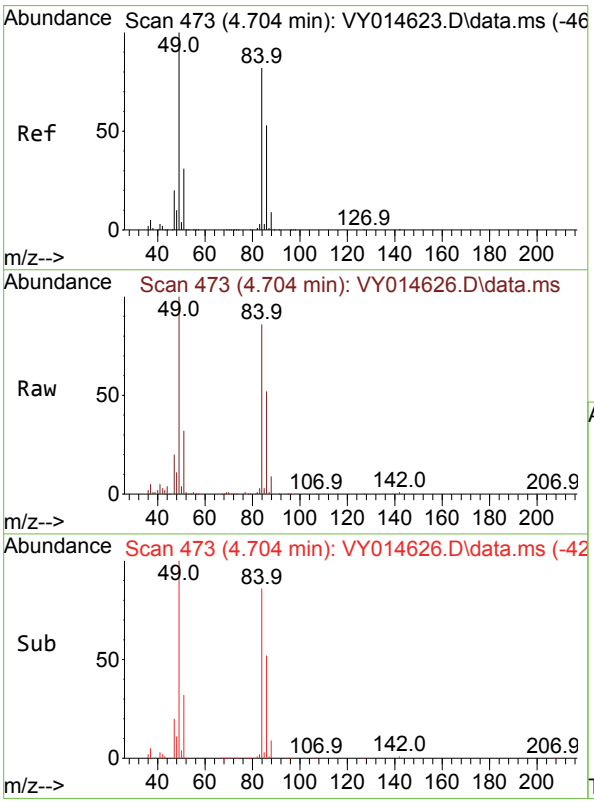
#16
Acetone
Concen: 2.444 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 2397

Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.7	34.1

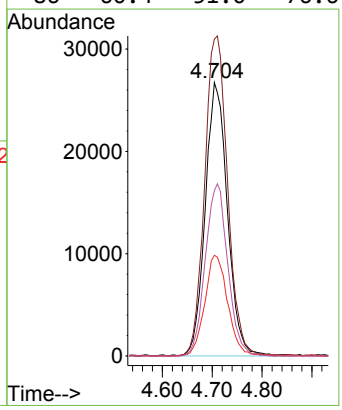


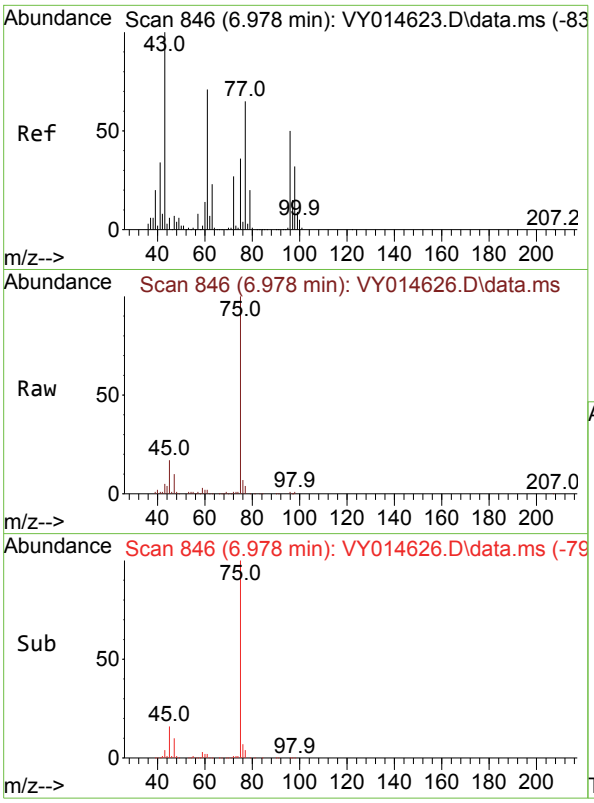


#20
Methylene Chloride
Concen: 23.750 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 84 Resp: 82740

Ion	Ratio	Lower	Upper
84	100		
49	115.6	106.9	160.3
51	36.8	33.2	49.8
86	60.4	51.0	76.6



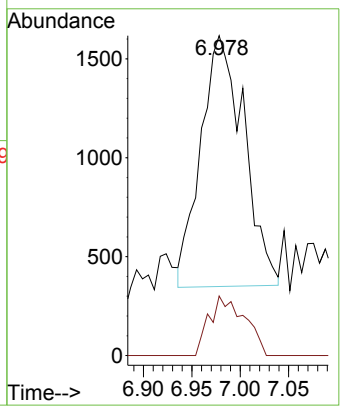


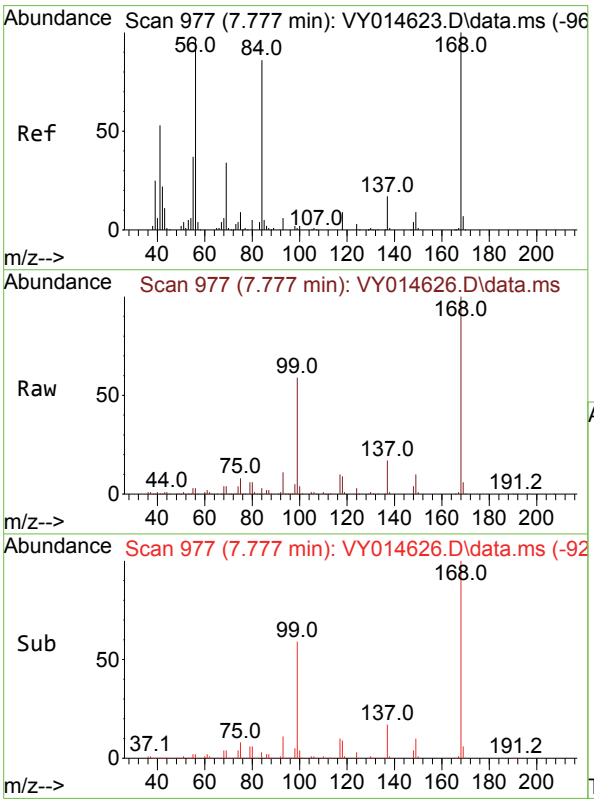
#25
2-Butanone
Concen: 2.744 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 3938

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.5	30.7

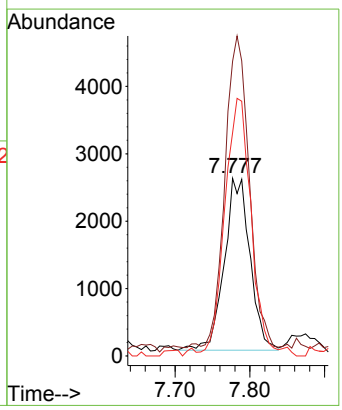


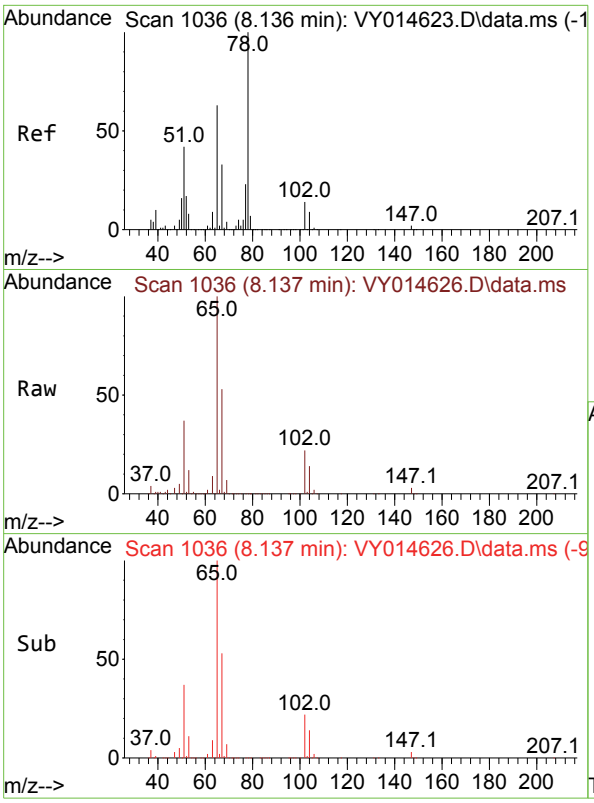


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 56 Resp: 6115

Ion	Ratio	Lower	Upper
56	100		
69	166.2	27.8	41.6#
84	126.4	66.4	99.6#



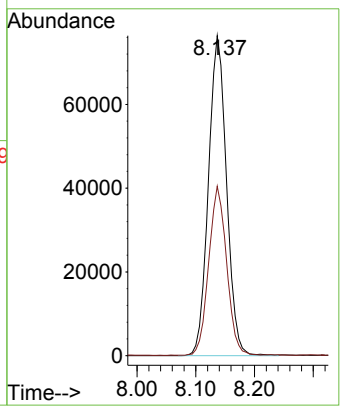


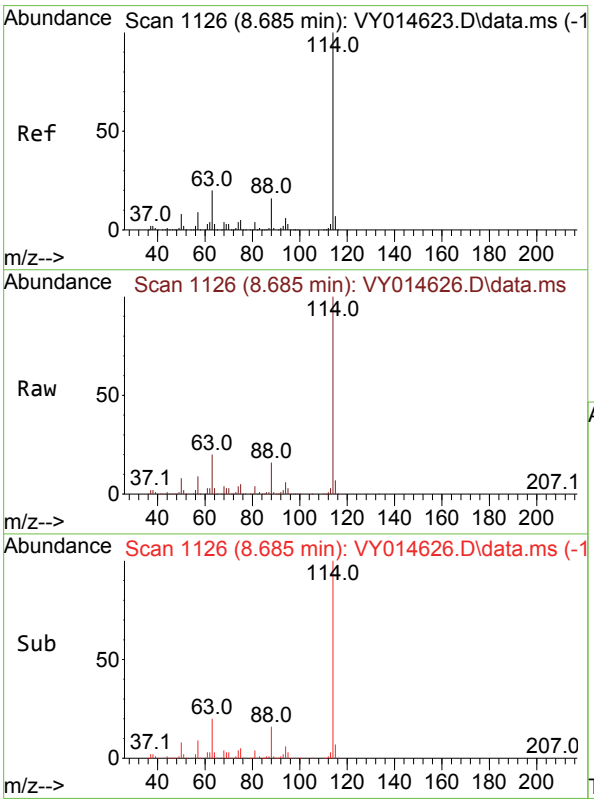
#33
1,2-Dichloroethane-d4
Concen: 52.840 ug/l
RT: 8.137 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 163553

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.8

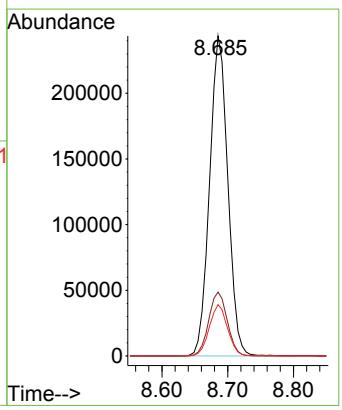


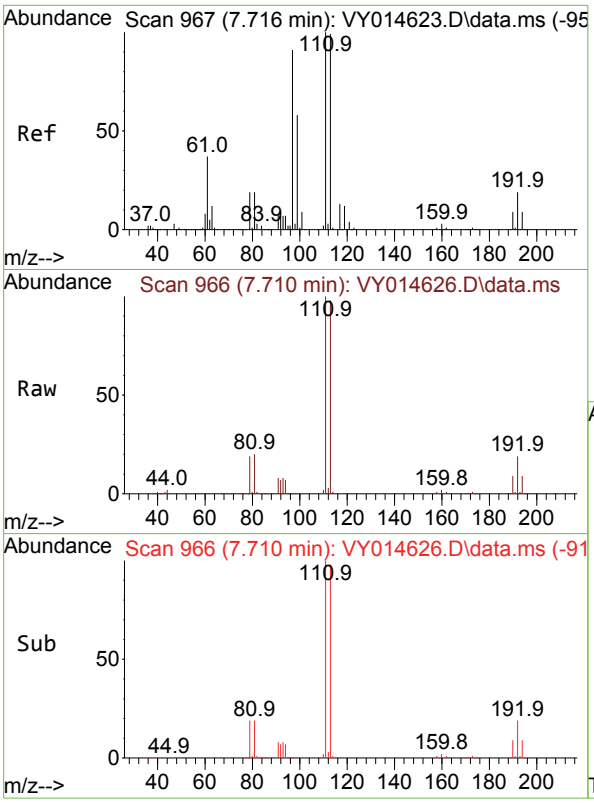


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion:114 Resp: 469888

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	16.0	0.0	30.6



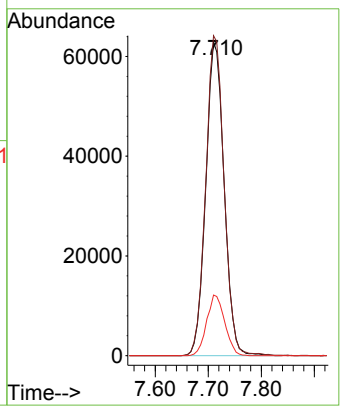


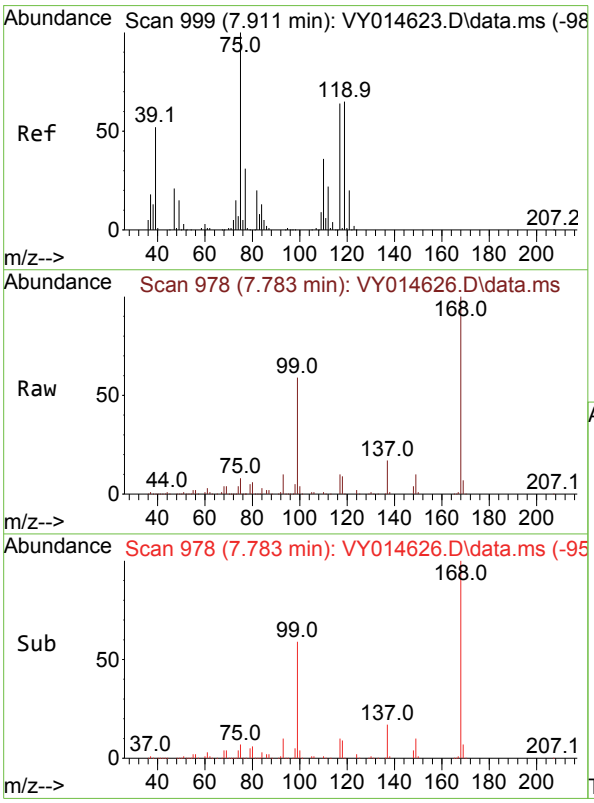
#35
Dibromofluoromethane
Concen: 50.471 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 150970

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	19.1	16.9	25.3

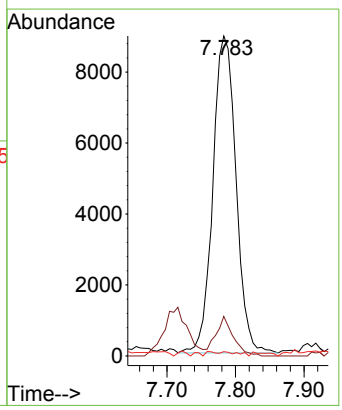


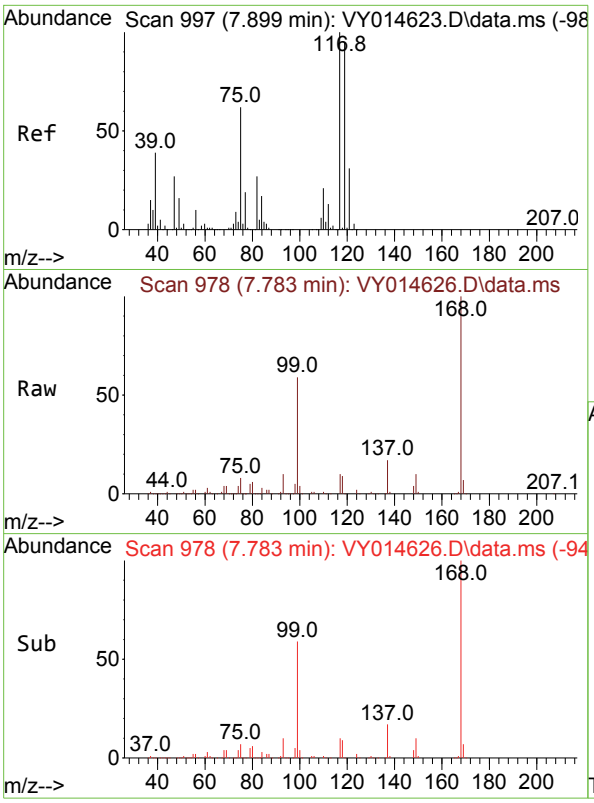


#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 75 Resp: 20919

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.8	53.5#
77	0.3	24.4	36.6#



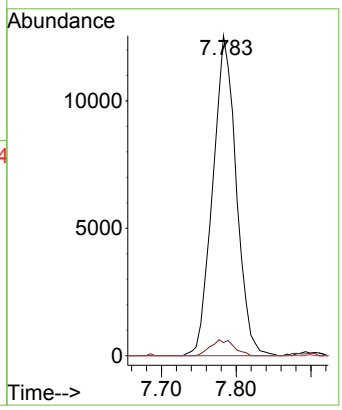


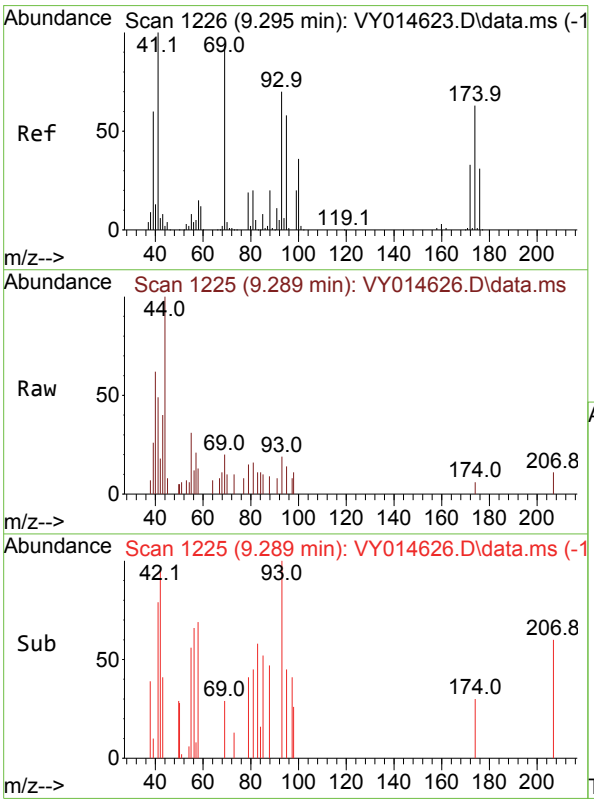
#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 27455

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.4	114.6#
121	0.0	25.8	38.6#

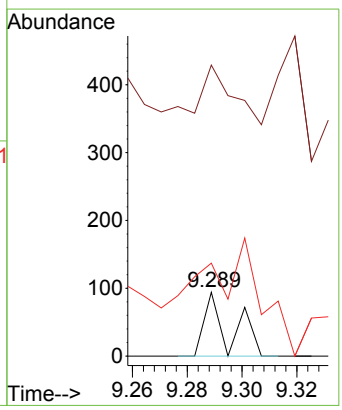


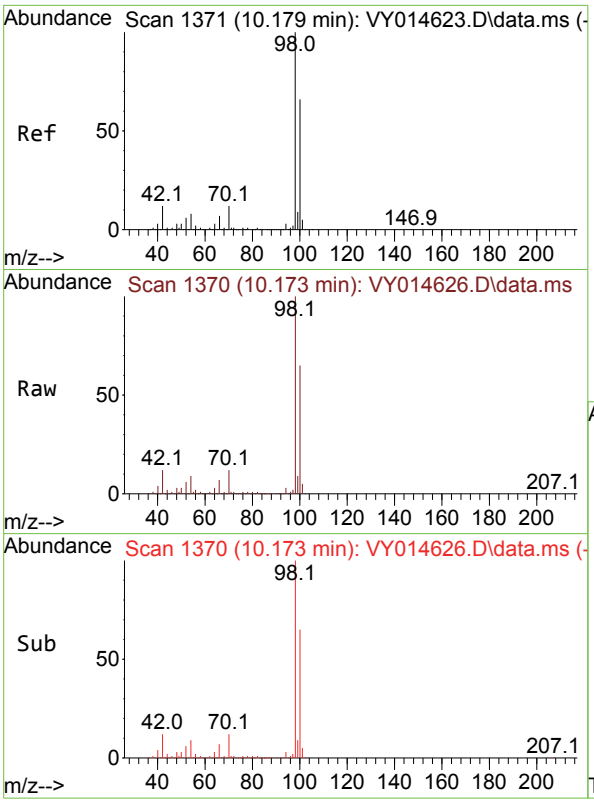


#49
1,4-Dioxane
Concen: 1.856 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	196.7	0.0	0.0#
58	255.7	30.9	46.3#



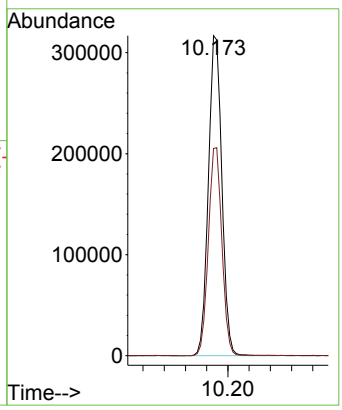


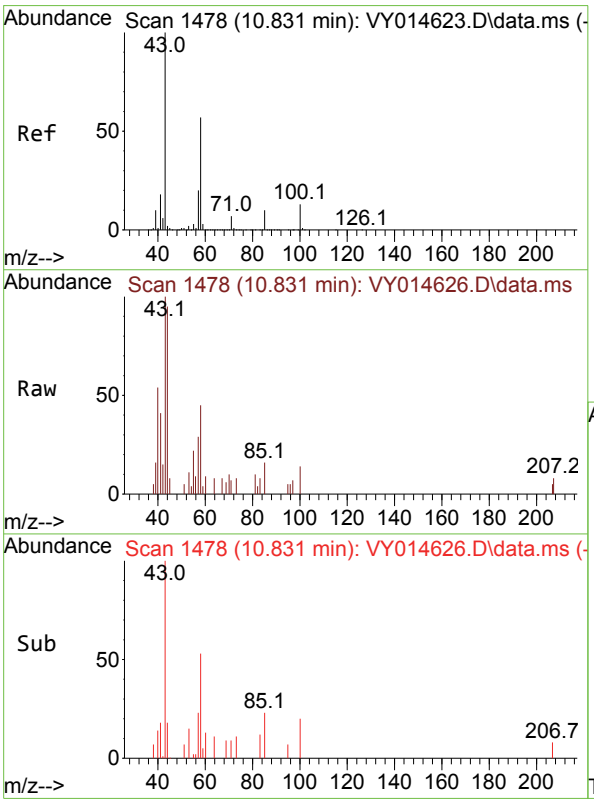
#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 558870

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.1	75.1

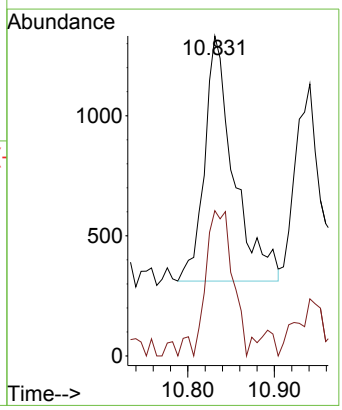


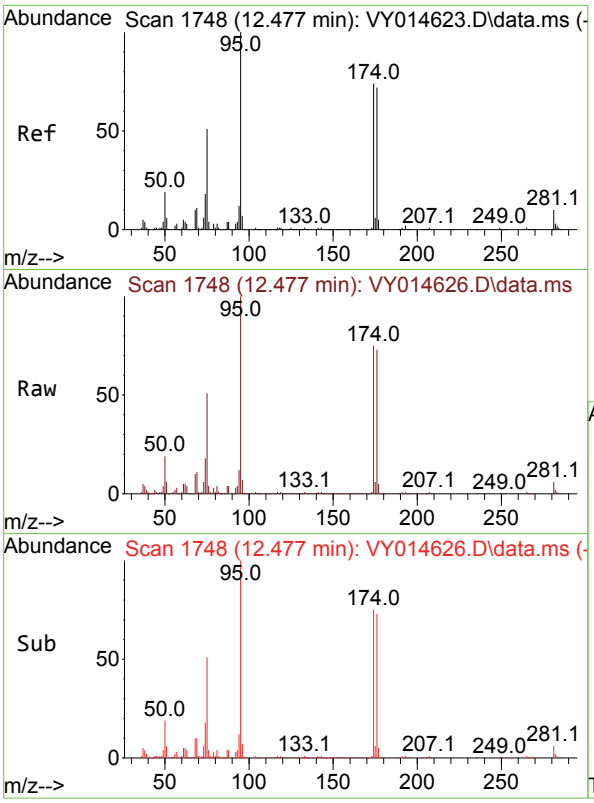


#59
2-Hexanone
Concen: 1.056 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
58	58.1	25.1	75.3



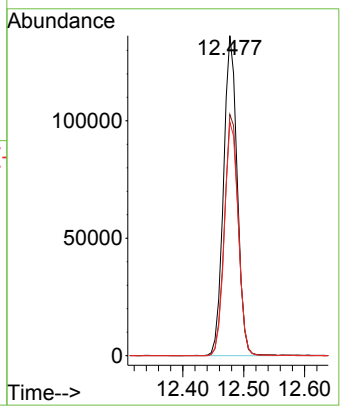


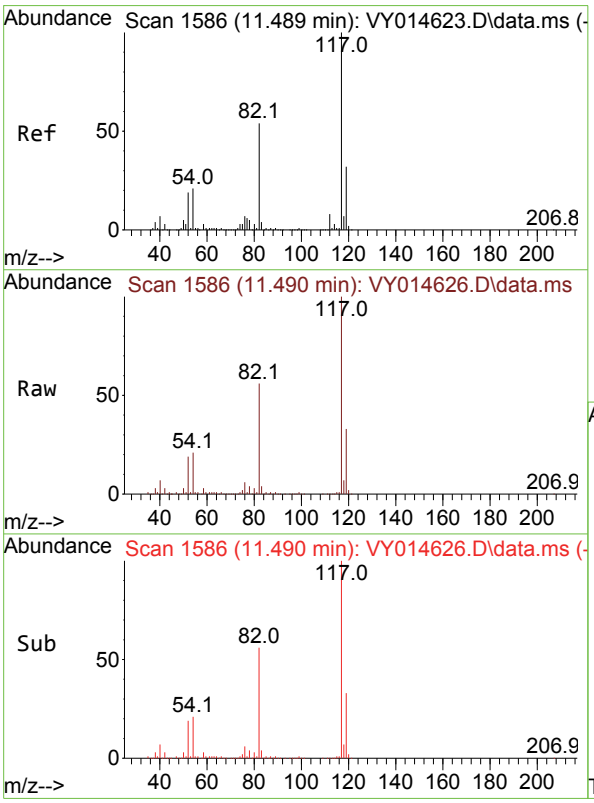
#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 212820

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	178.2
176	73.9	0.0	173.8

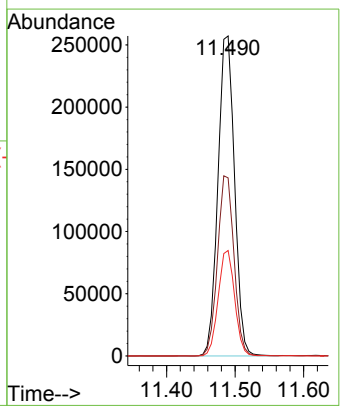


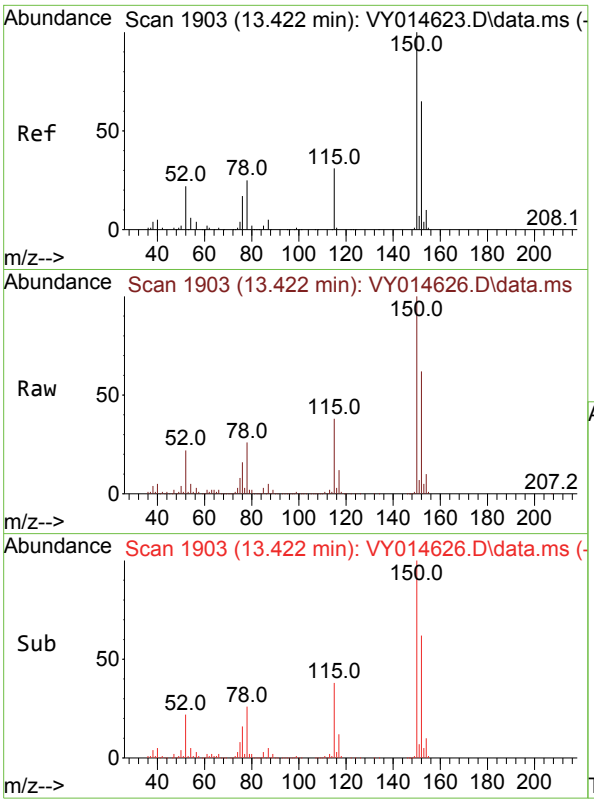


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion:117 Resp: 430426

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.0
119	33.0	26.3	39.5



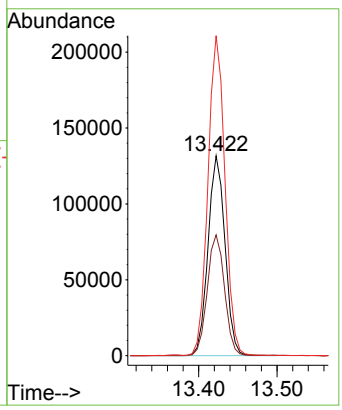


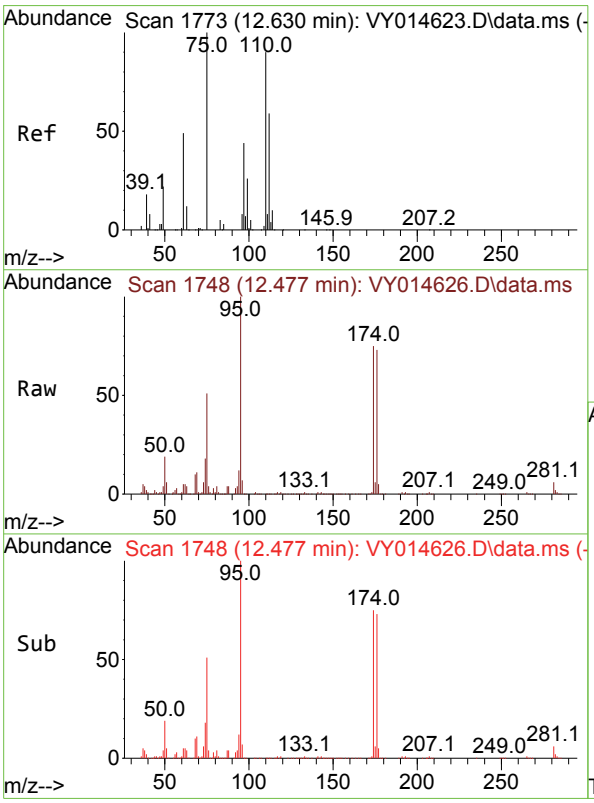
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 198831

Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.8	86.5
150	159.4	0.0	348.8

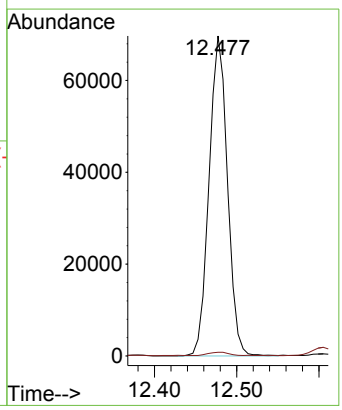


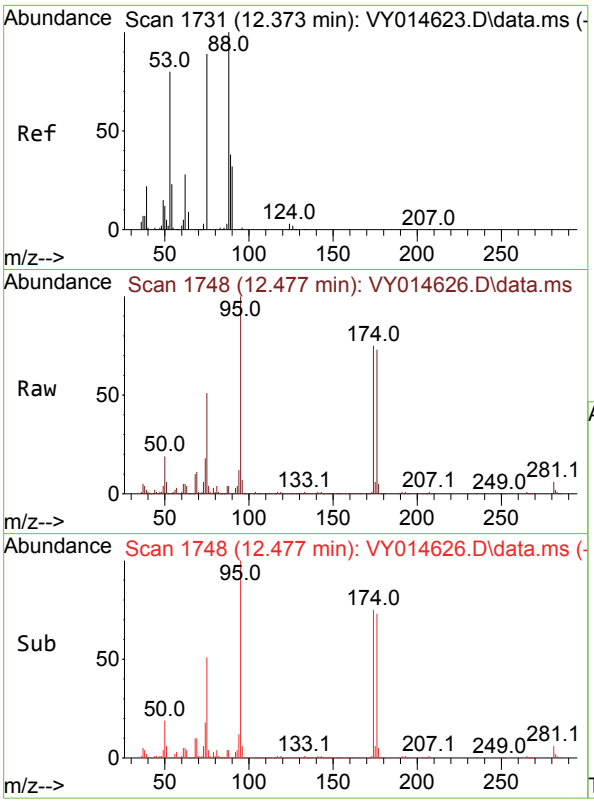


#76
1,2,3-Trichloropropane
Concen: 43.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 75 Resp: 108355

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



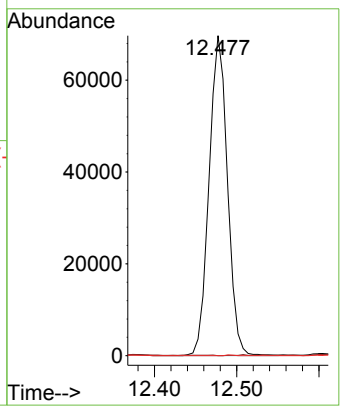


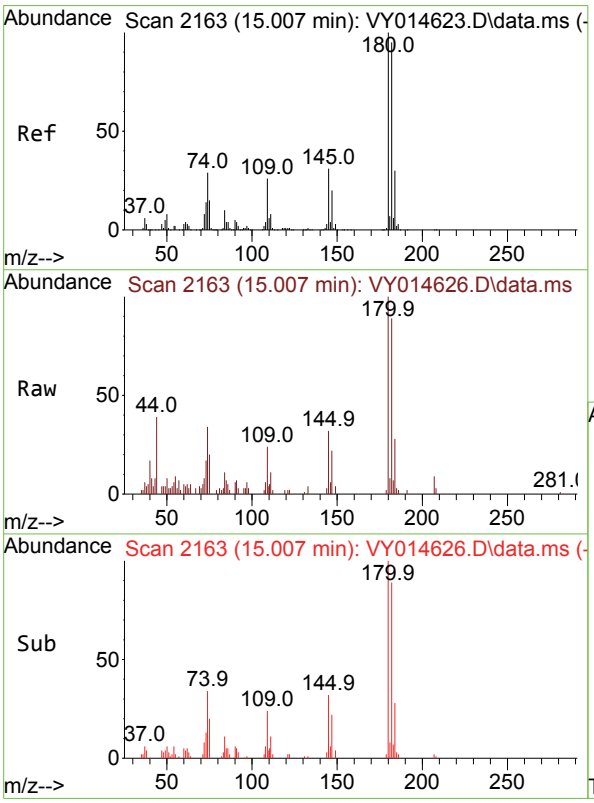
#81
trans-1,4-Dichloro-2-butene
Concen: 83.544 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 108355

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

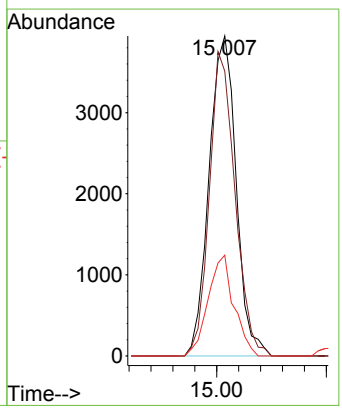


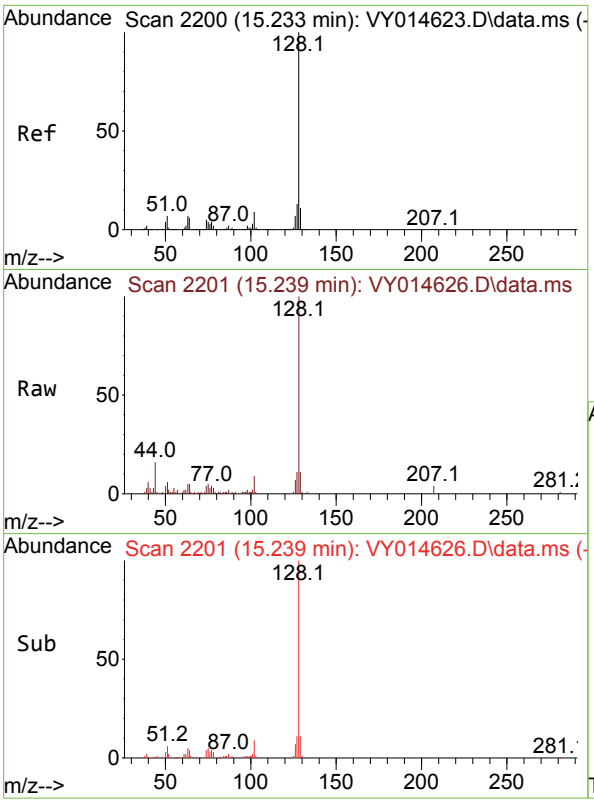


#93
1,2,4-Trichlorobenzene
Concen: 1.683 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion:180 Resp: 6769

Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.0	141.2
145	30.1	14.5	43.5



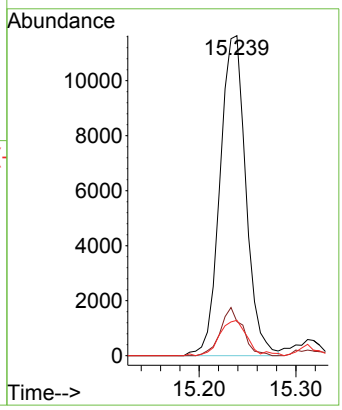


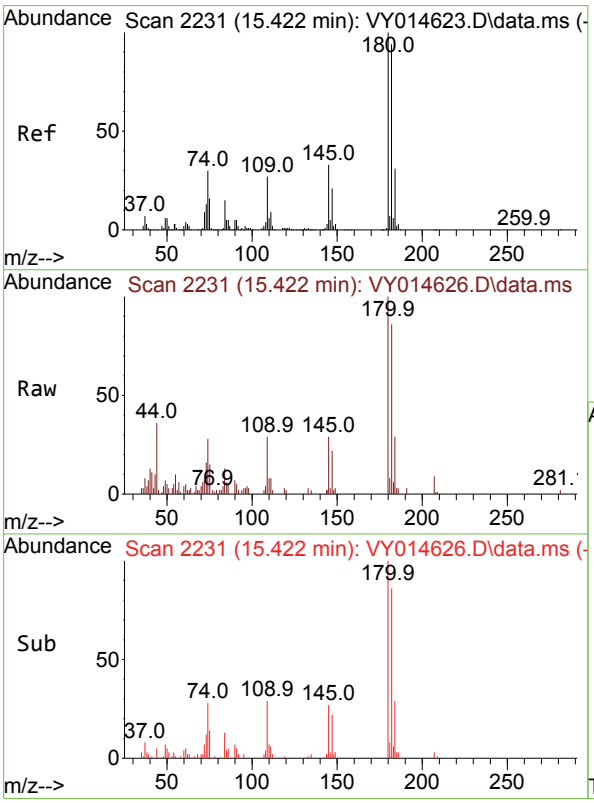
#95
Naphthalene
Concen: 2.304 ug/l
RT: 15.239 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 21594

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	12.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.928 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion:180 Resp: 6894

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	35.2	15.4	46.2