Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014233.D
Acq On : 19 Jun 2023 17:21
Operator : KP/MD
Sample : 03287-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Quant Time: Jun 20 04:59:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	11845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8787	53.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.540%			
35) Dibromofluoromethane	7.716	113	5712	46.266	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.540%			
50) Toluene-d8	10.179	98	20500	44.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.820%			
62) 4-Bromofluorobenzene	12.477	95	5908	36.032	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 72.060%			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	508	3.035	ug/l	92
5) Bromomethane	2.668	94	430	3.202	ug/l	89
10) Methyl Iodide	4.088	142	362	2.055	ug/l #	51
11) Tert butyl alcohol	4.911	59	52	Below Cal	#	89
13) Acrolein	3.680	56	37	Below Cal	#	14
16) Acetone	3.948	43	650	13.073	ug/l #	46
20) Methylene Chloride	4.698	84	2857	15.527	ug/l #	74
25) 2-Butanone	6.960	43	772	12.614	ug/l #	49
26) 2,2-Dichloropropane	6.960	77	406	1.597	ug/l #	54
31) Cyclohexane	7.795	56	254	1.150	ug/l #	16
37) Ethyl Acetate	6.960	43	772	5.813	ug/l #	1
38) Carbon Tetrachloride	7.789	117	998	4.493	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	3190	36.835	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3190	79.622	ug/l #	10
94) Hexachlorobutadiene	15.105	225	95	1.145	ug/l #	30
95) Naphthalene	15.239	128	349	1.196	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.428	180	188	1.447	ug/l #	49

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014233.D
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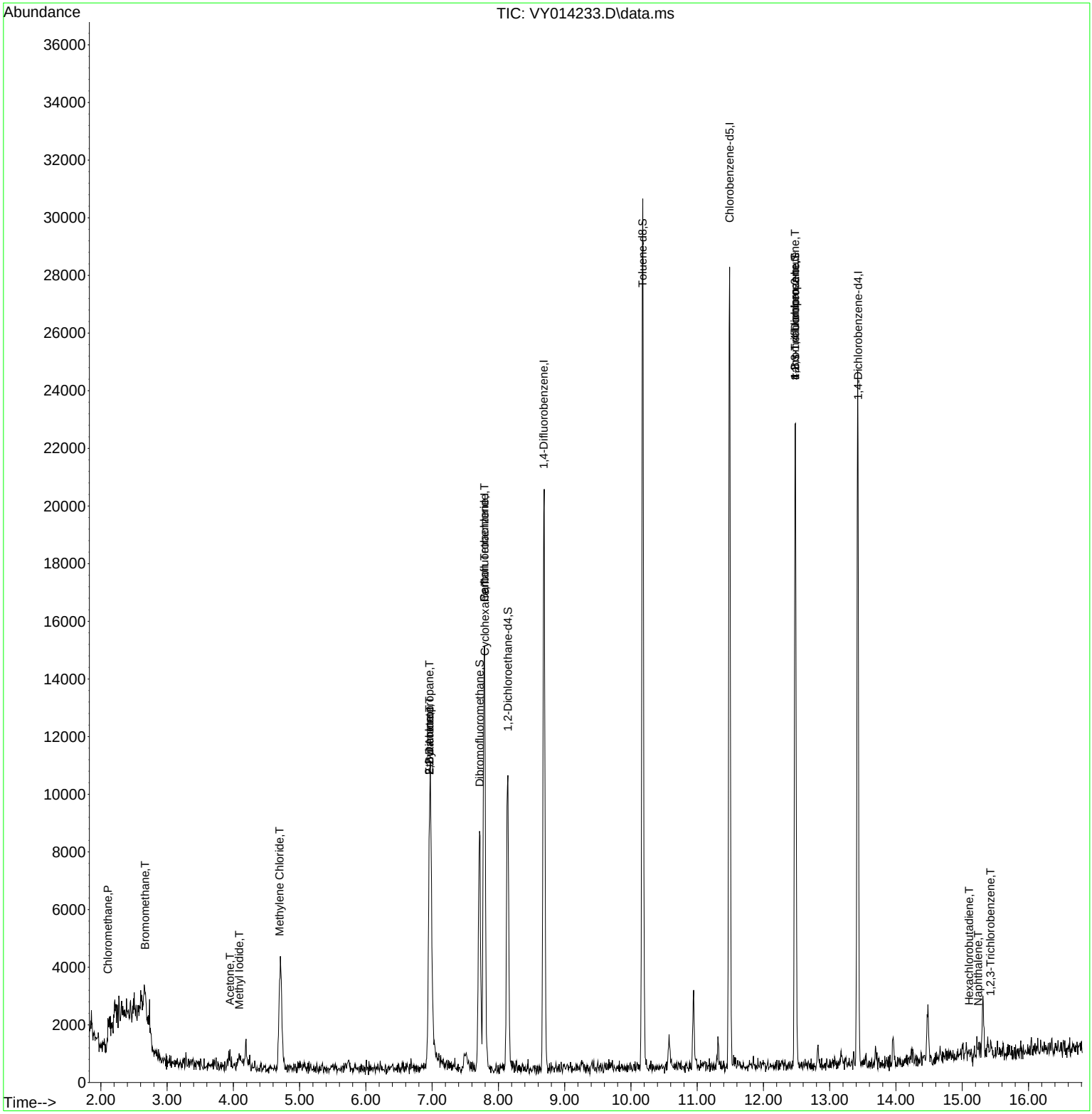
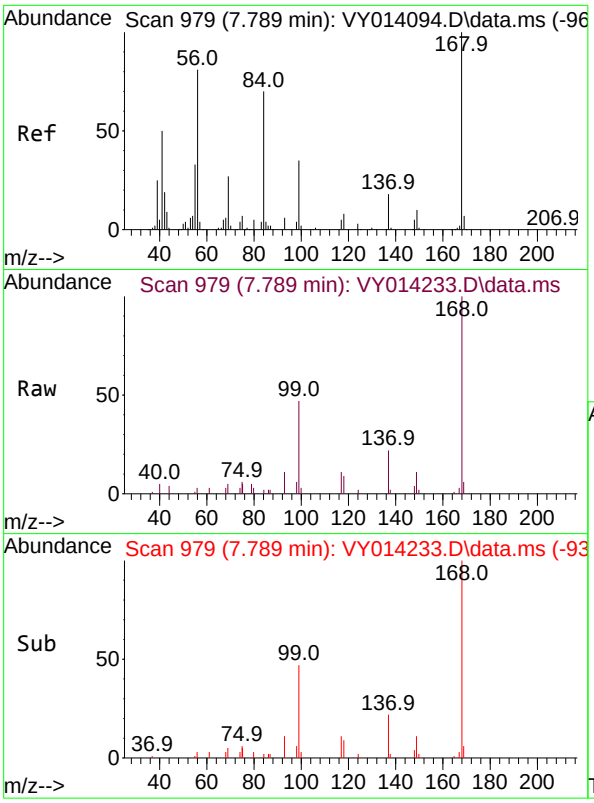
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Quant Time: Jun 20 04:59:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration



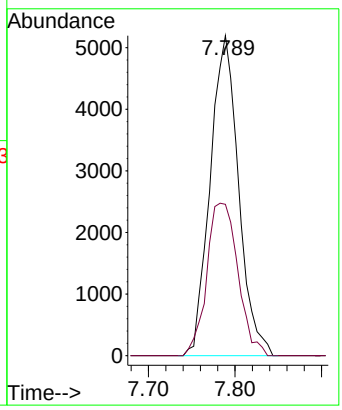


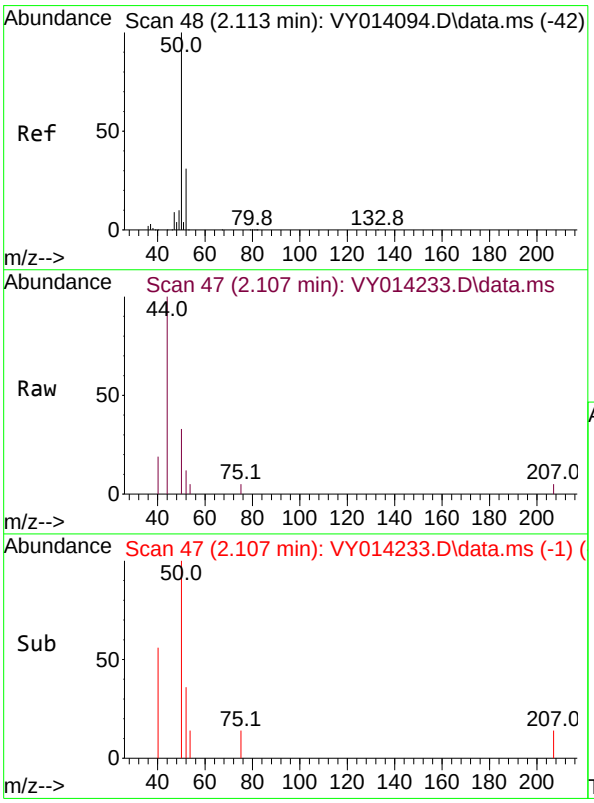
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:168 Resp: 11845

Ion	Ratio	Lower	Upper
168	100		
99	47.3	43.4	65.0

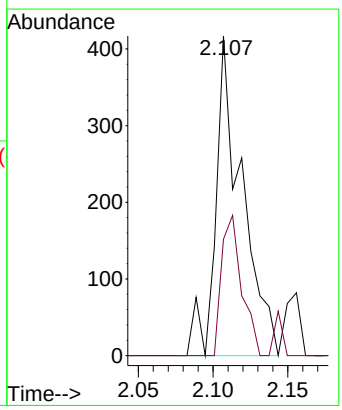


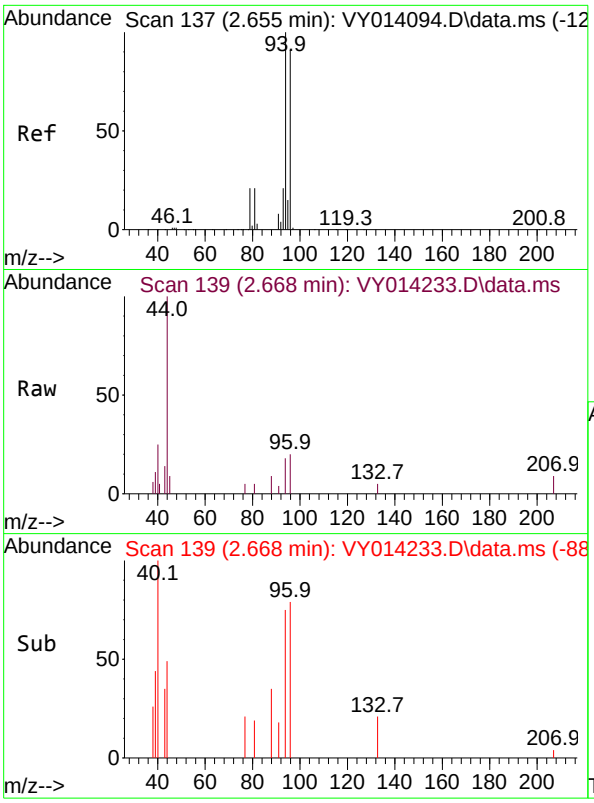


#3
Chloromethane
Concen: 3.035 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 50 Resp: 508

Ion	Ratio	Lower	Upper
50	100		
52	36.5	25.4	38.2



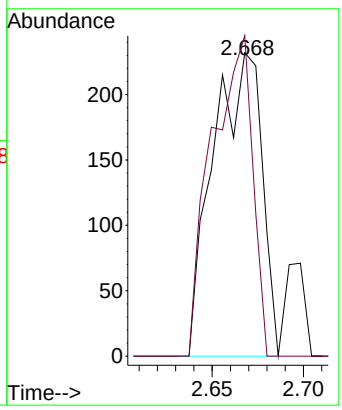


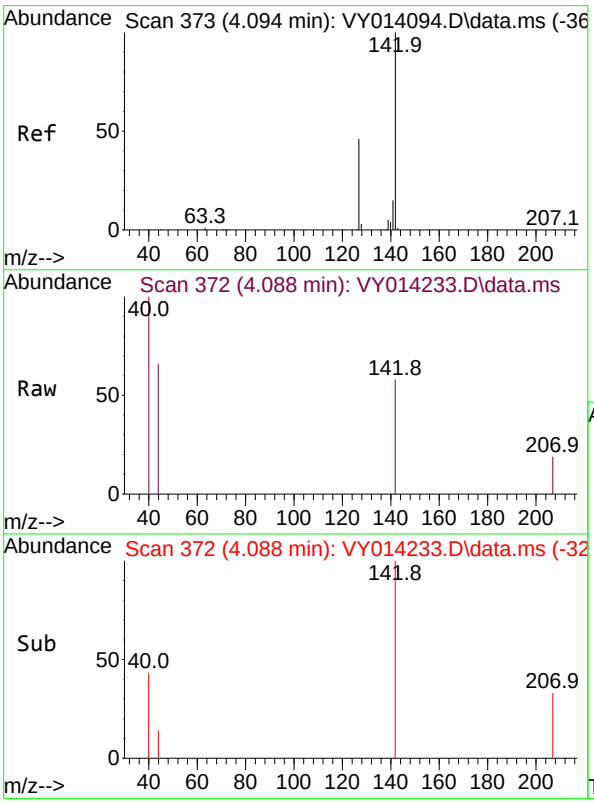
#5
Bromomethane
Concen: 3.202 ug/l
RT: 2.668 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 94 Resp: 430

Ion	Ratio	Lower	Upper
94	100		
96	105.6	75.8	113.6

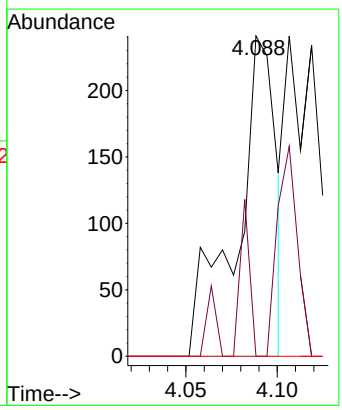


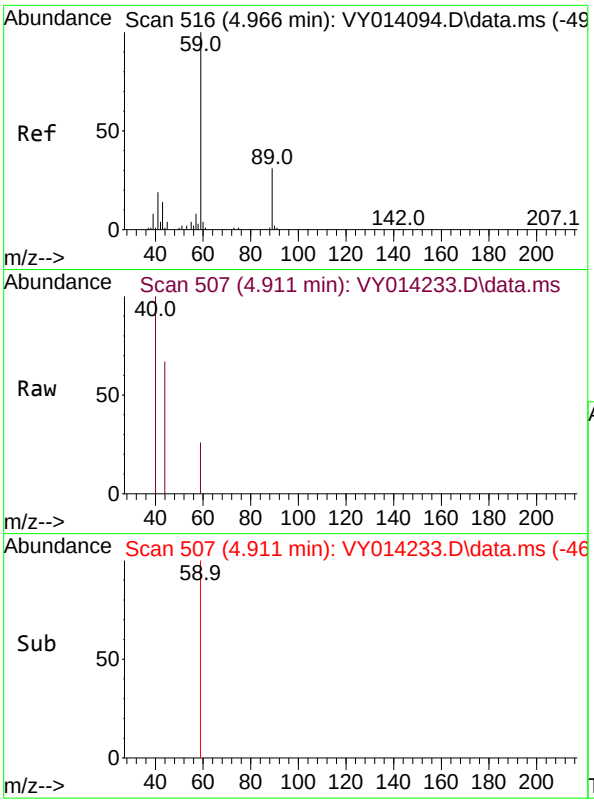


#10
Methyl Iodide
Concen: 2.055 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion:142 Resp: 362

Ion	Ratio	Lower	Upper
142	100		
127	11.9	37.6	56.4#
141	0.0	11.8	17.8#



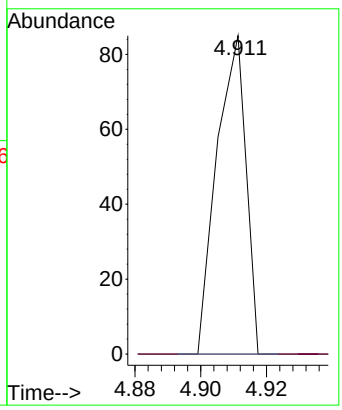


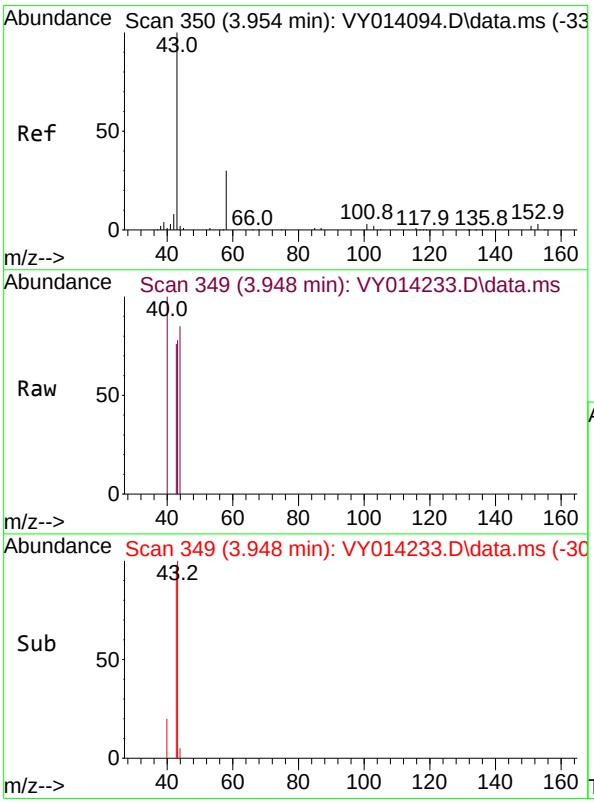
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 5(
Delta R.T. -0.055 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 59 Resp: 52

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.0	4.4#

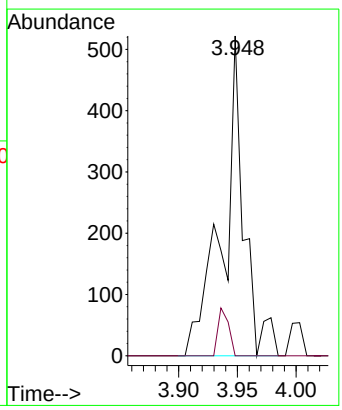


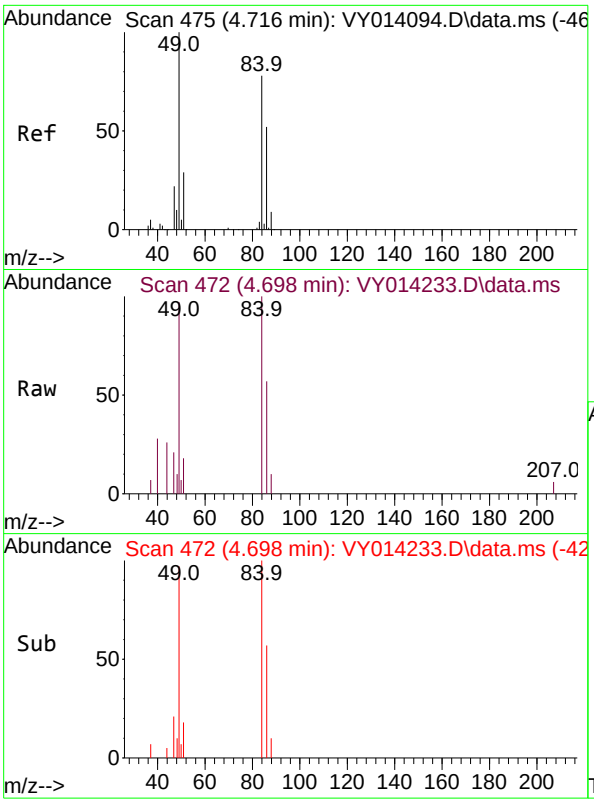


#16
Acetone
Concen: 13.073 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 43 Resp: 650

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#



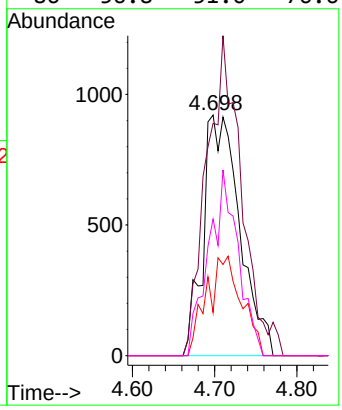


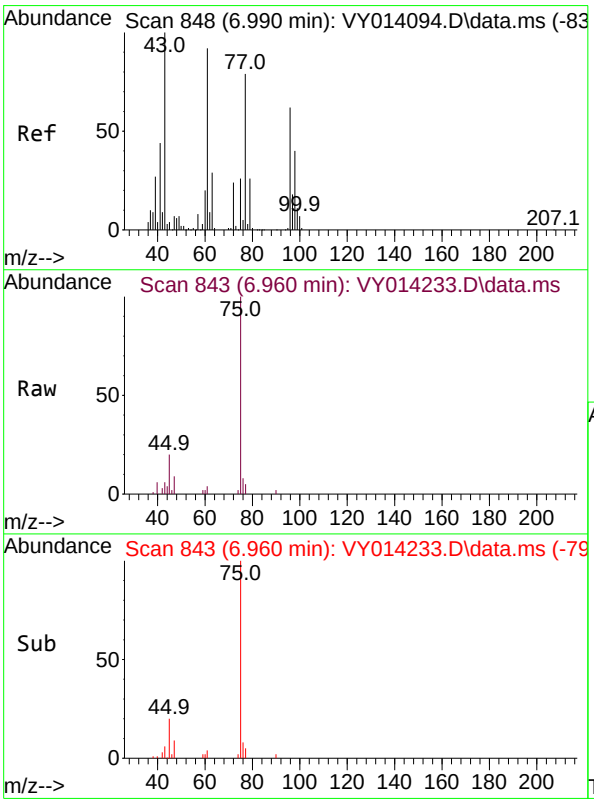
#20
Methylene Chloride
Concen: 15.527 ug/l
RT: 4.698 min Scan# 4
Delta R.T. -0.018 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 84 Resp: 2857

Ion	Ratio	Lower	Upper
84	100		
49	96.5	106.9	160.3#
51	17.9	33.2	49.8#
86	56.8	51.0	76.6

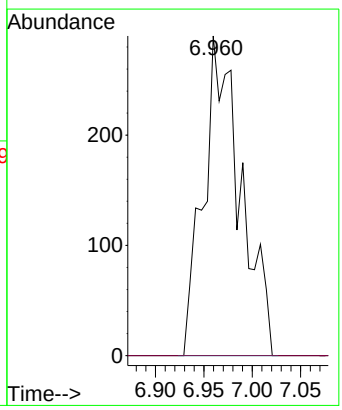


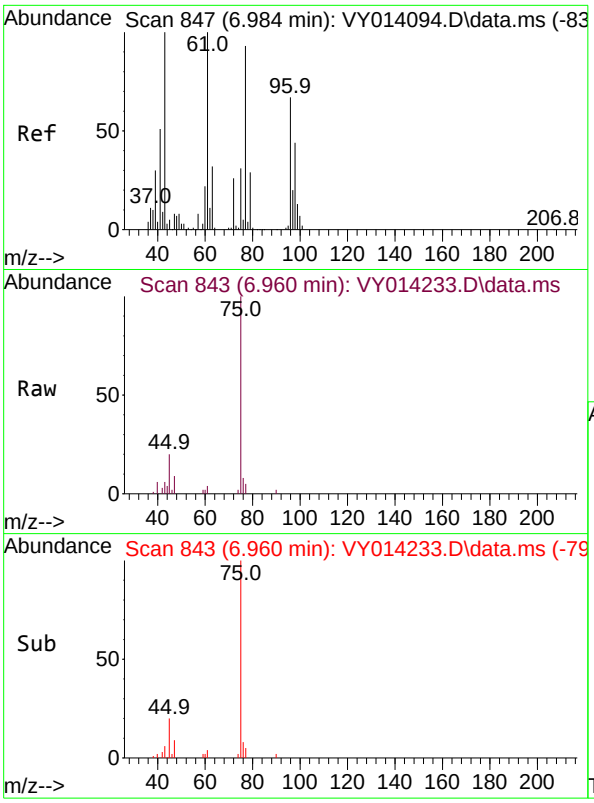


#25
2-Butanone
Concen: 12.614 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.030 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 43 Resp: 772

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



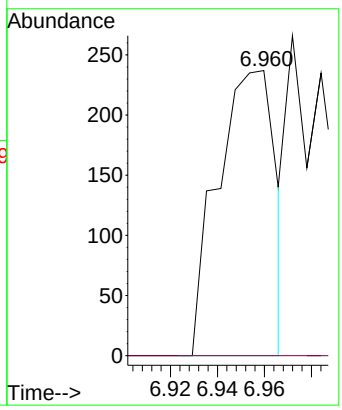


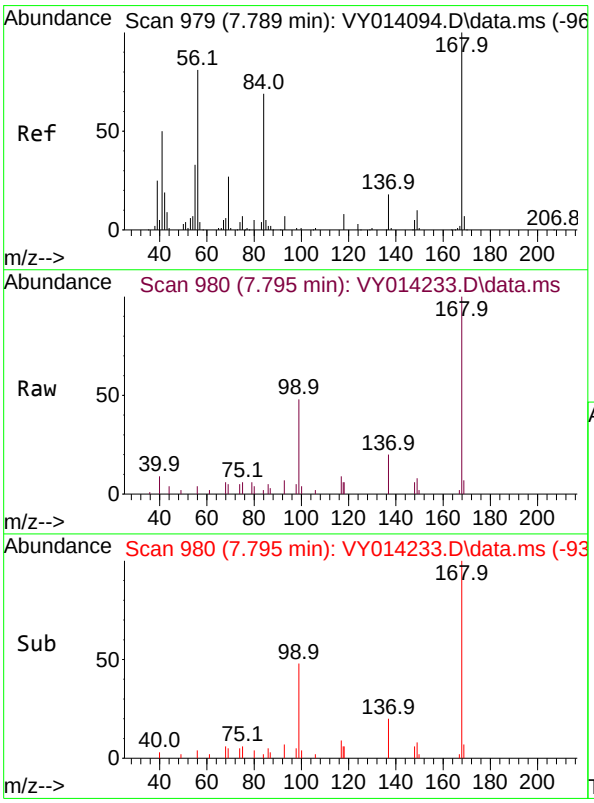
#26
2,2-Dichloropropane
Concen: 1.597 ug/l
RT: 6.960 min Scan# 84
Delta R.T. -0.024 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 77 Resp: 406

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.9	32.9#

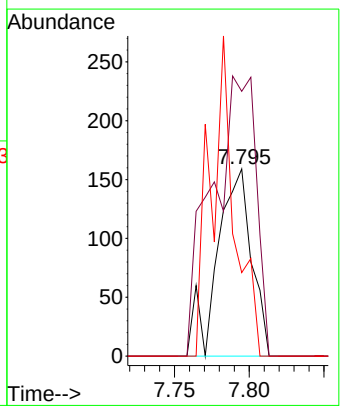


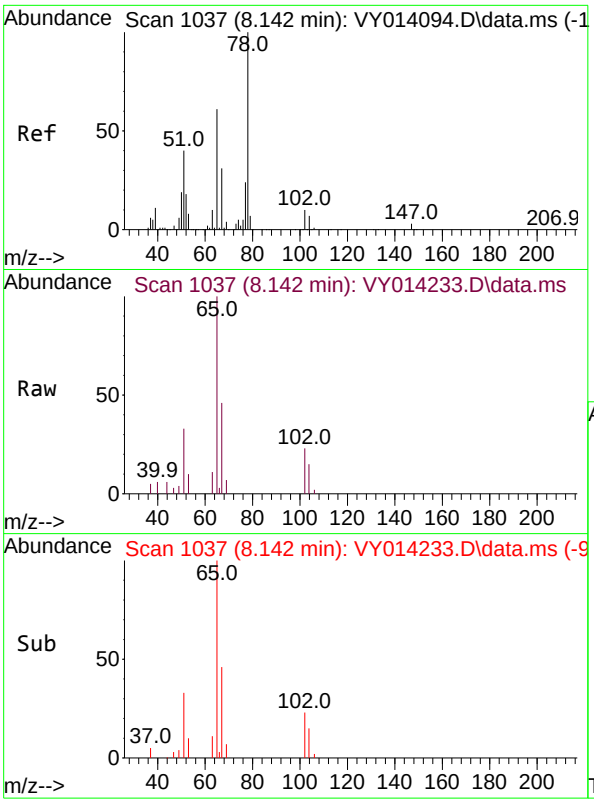


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 56 Resp: 254

Ion	Ratio	Lower	Upper
56	100		
69	141.5	27.8	41.6#
84	44.7	66.4	99.6#



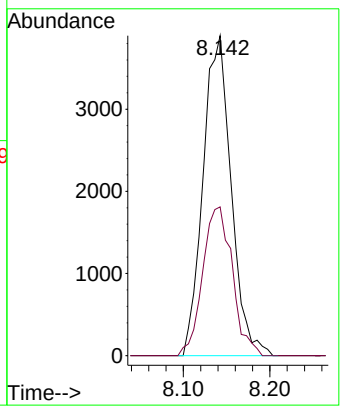


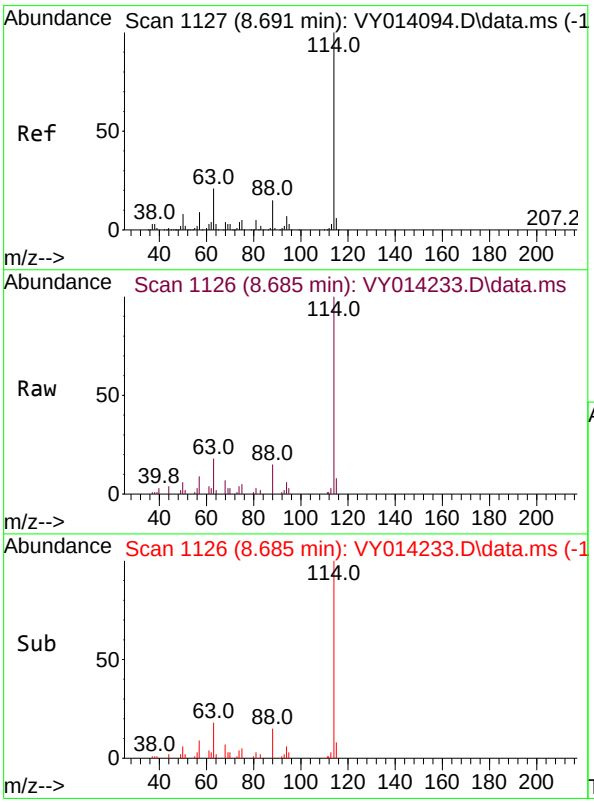
#33
1,2-Dichloroethane-d4
Concen: 53.273 ug/l
RT: 8.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 65 Resp: 8787

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	101.8

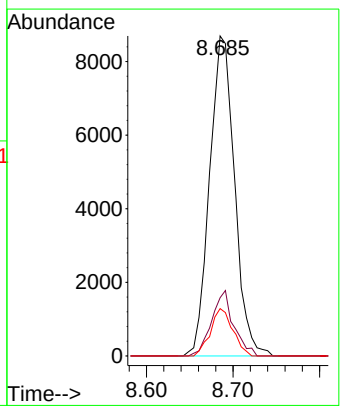


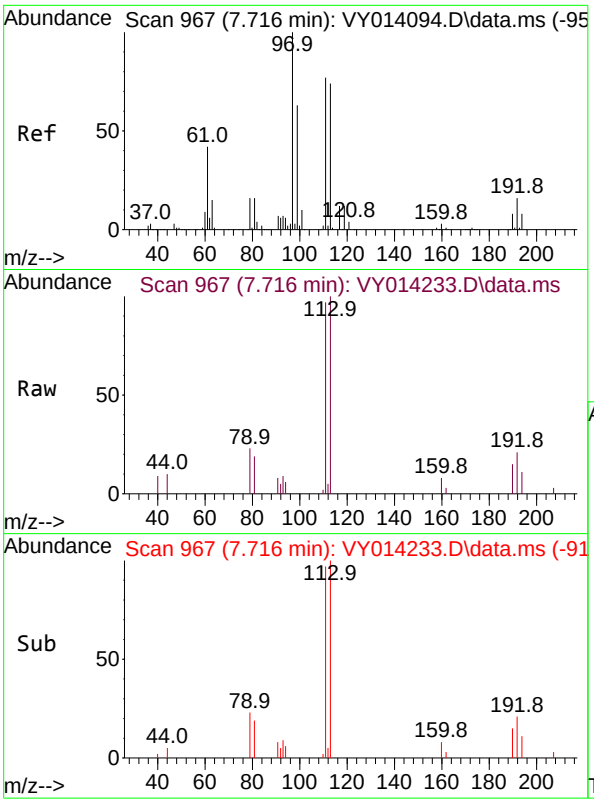


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion:114 Resp: 17409

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	42.4
88	14.8	0.0	30.6



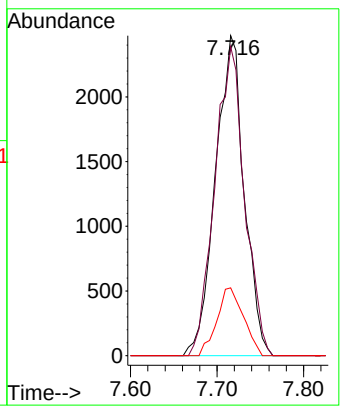


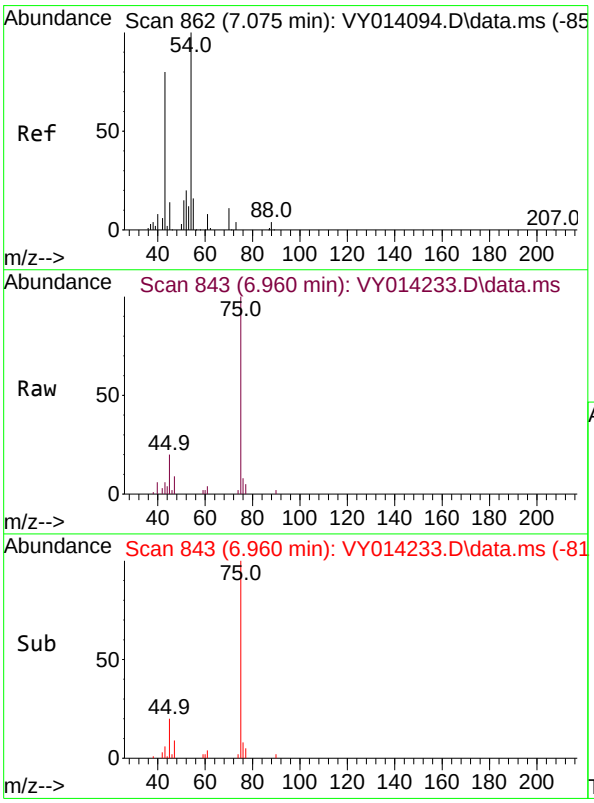
#35
Dibromofluoromethane
Concen: 46.266 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:113 Resp: 5712

Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.3	121.9
192	19.6	16.9	25.3

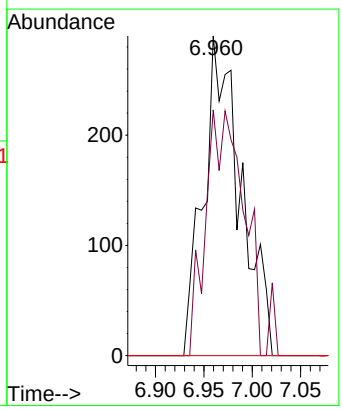


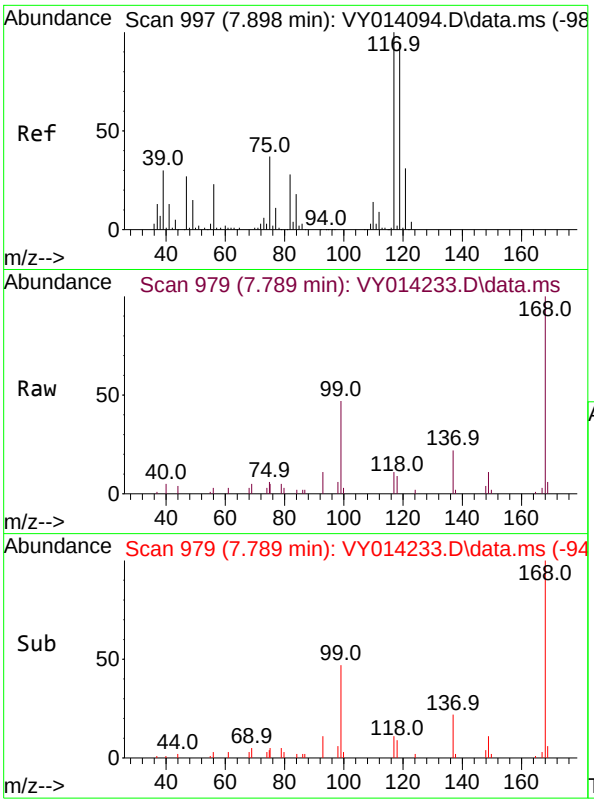


#37
Ethyl Acetate
Concen: 5.813 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.115 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 43 Resp: 772

Ion	Ratio	Lower	Upper
43	100		
61	78.8	10.1	15.1#
70	0.0	7.1	10.7#



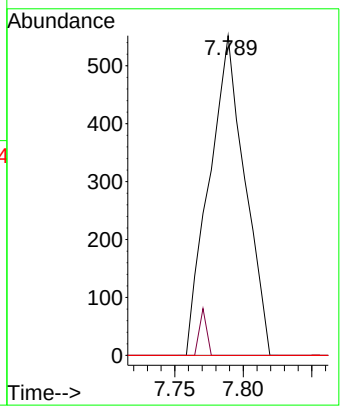


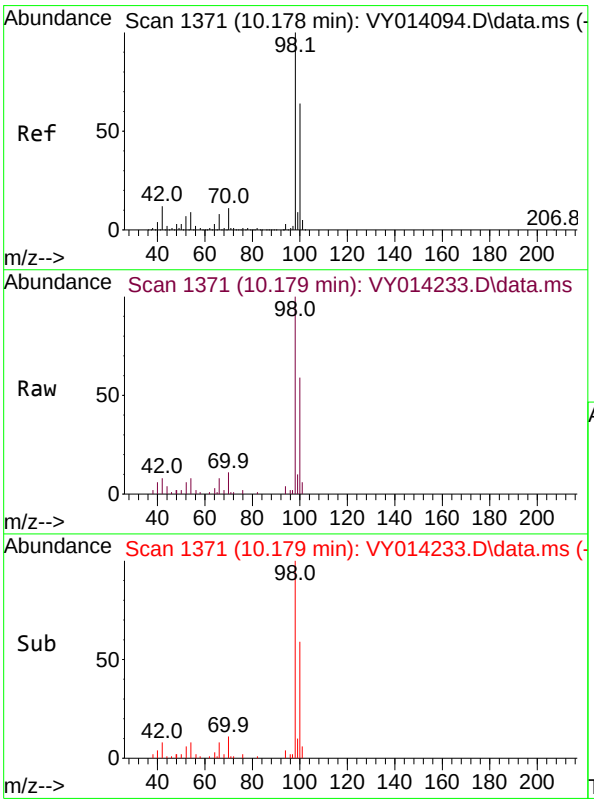
#38
Carbon Tetrachloride
Concen: 4.493 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.109 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:117 Resp: 998

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

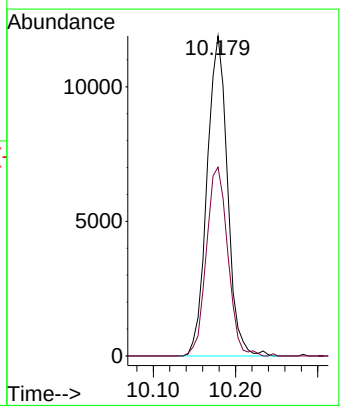


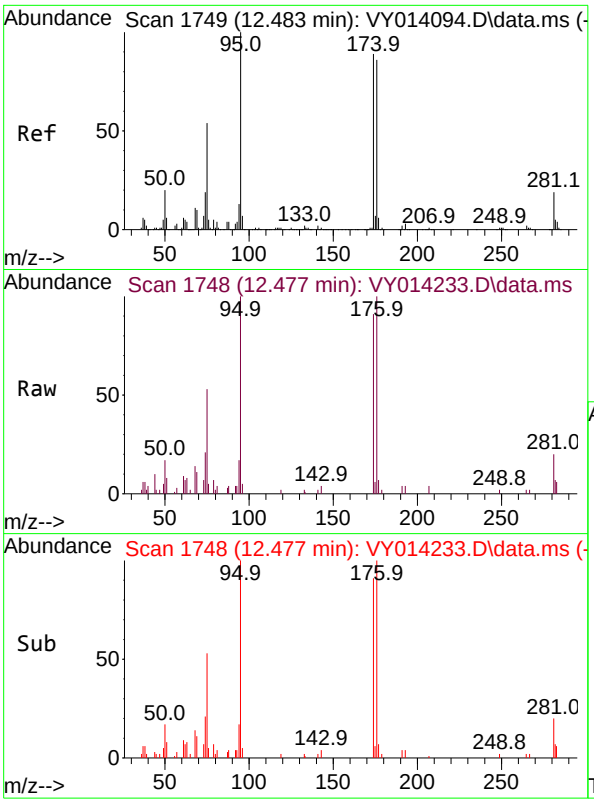


#50
Toluene-d8
Concen: 44.414 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 98 Resp: 20500

Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.1	75.1



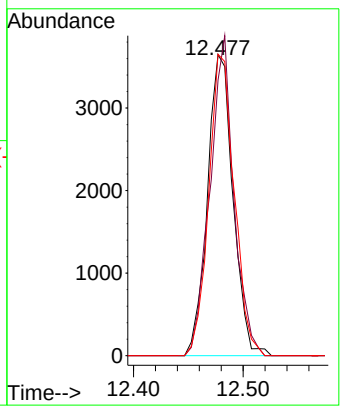


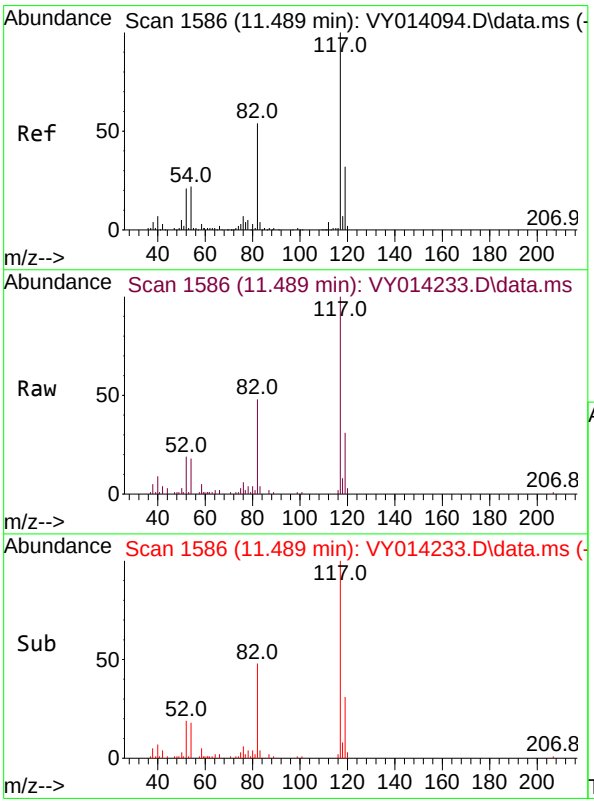
#62
4-Bromofluorobenzene
Concen: 36.032 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 95 Resp: 5908

Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	178.2
176	100.0	0.0	173.8

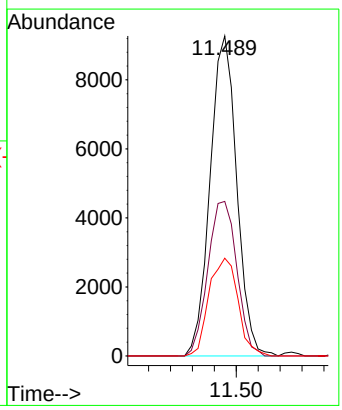


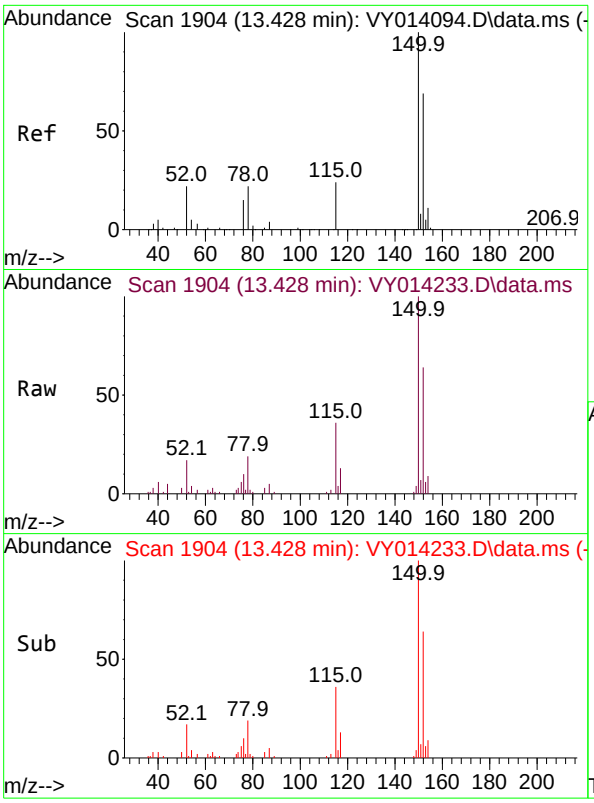


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion:117 Resp: 15683

Ion	Ratio	Lower	Upper
117	100		
82	48.3	43.4	65.0
119	30.5	26.3	39.5



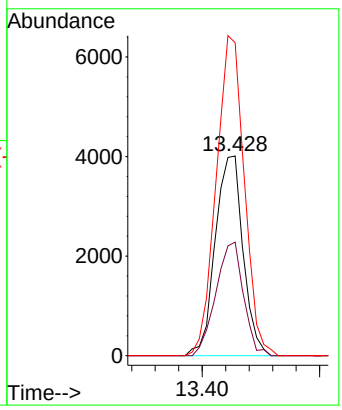


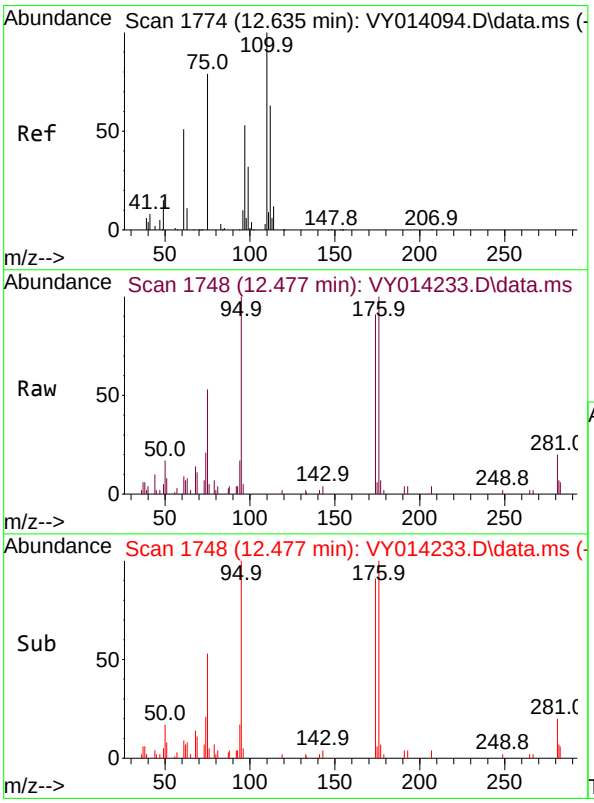
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:152 Resp: 6601

Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.5
150	161.6	0.0	348.8

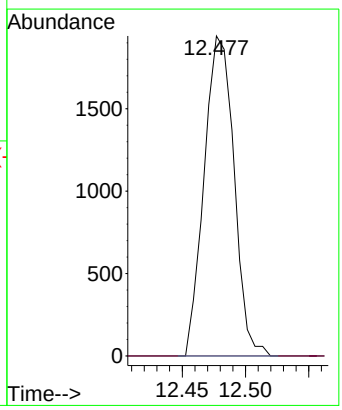


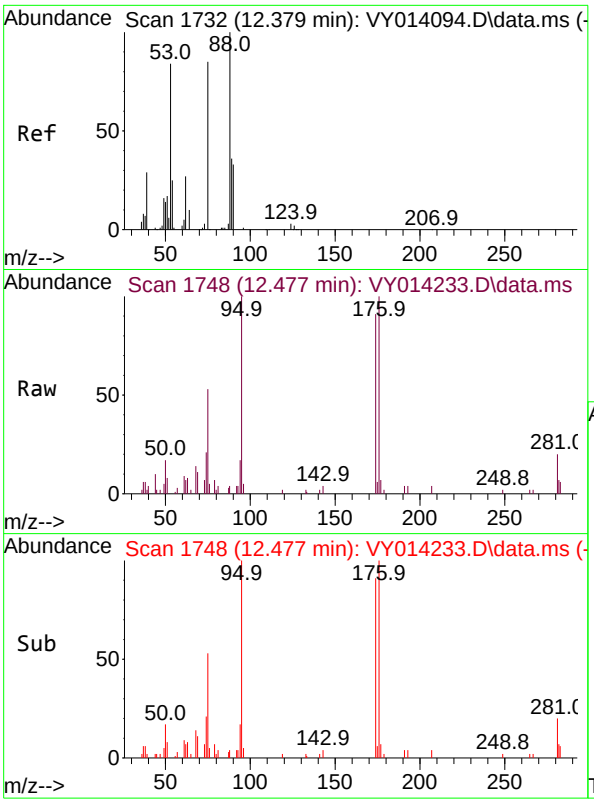


#76
1,2,3-Trichloropropane
Concen: 36.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion: 75 Resp: 3190

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



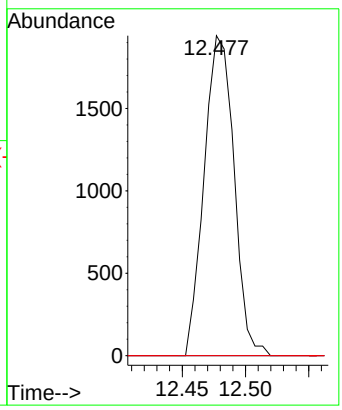


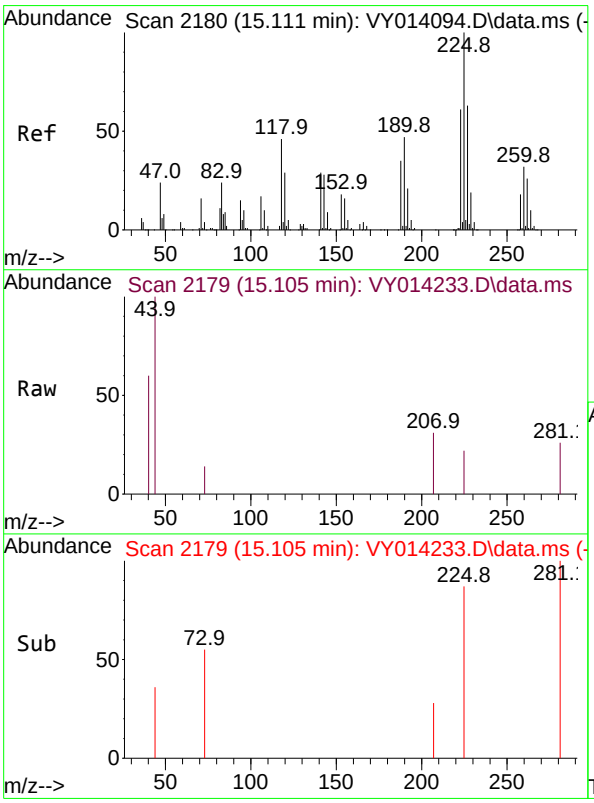
#81
trans-1,4-Dichloro-2-butene
Concen: 79.622 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion: 75 Resp: 3190

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

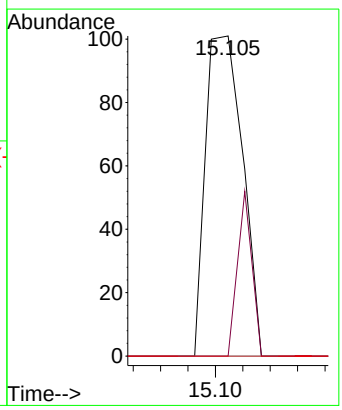


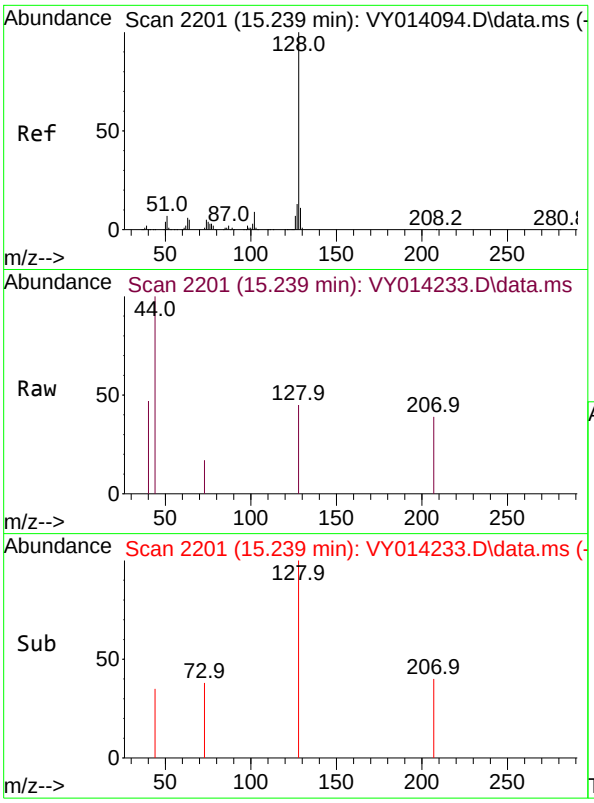


#94
Hexachlorobutadiene
Concen: 1.145 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion:225 Resp: 95

Ion	Ratio	Lower	Upper
225	100		
223	20.0	31.9	95.9#
227	0.0	33.0	98.9#



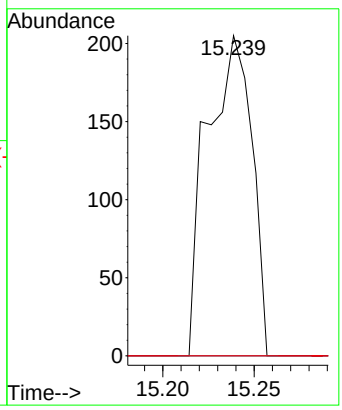


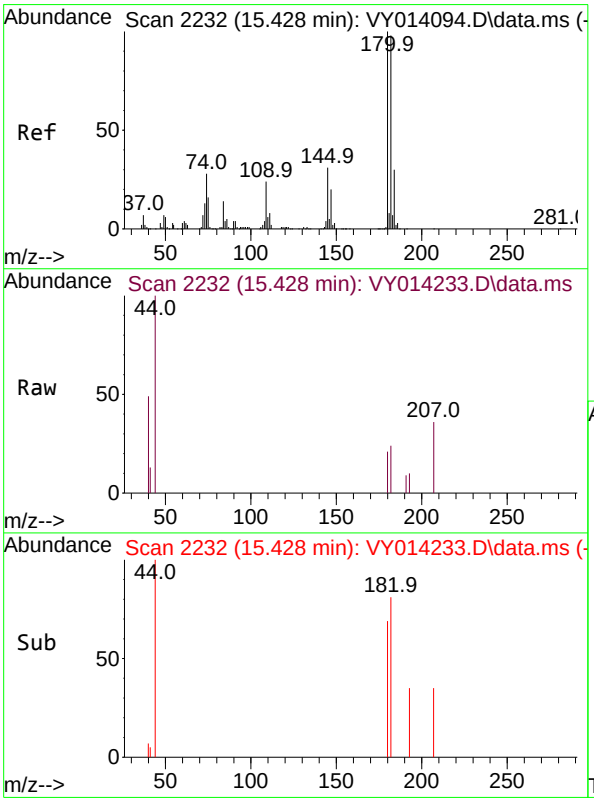
#95
Naphthalene
Concen: 1.196 ug/l
RT: 15.239 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-061523RE

Tgt Ion:128 Resp: 349

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 1.447 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014233.D
Acq: 19 Jun 2023 17:21

Tgt Ion:180 Resp: 188

Ion	Ratio	Lower	Upper
180	100		
182	40.4	47.3	141.8#
145	11.7	15.4	46.2#