Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
Data File : VY017888.D
Acq On : 09 Apr 2024 13:02
Operator : SY/MD
Sample : P2038-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Quant Time: Apr 10 04:25:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

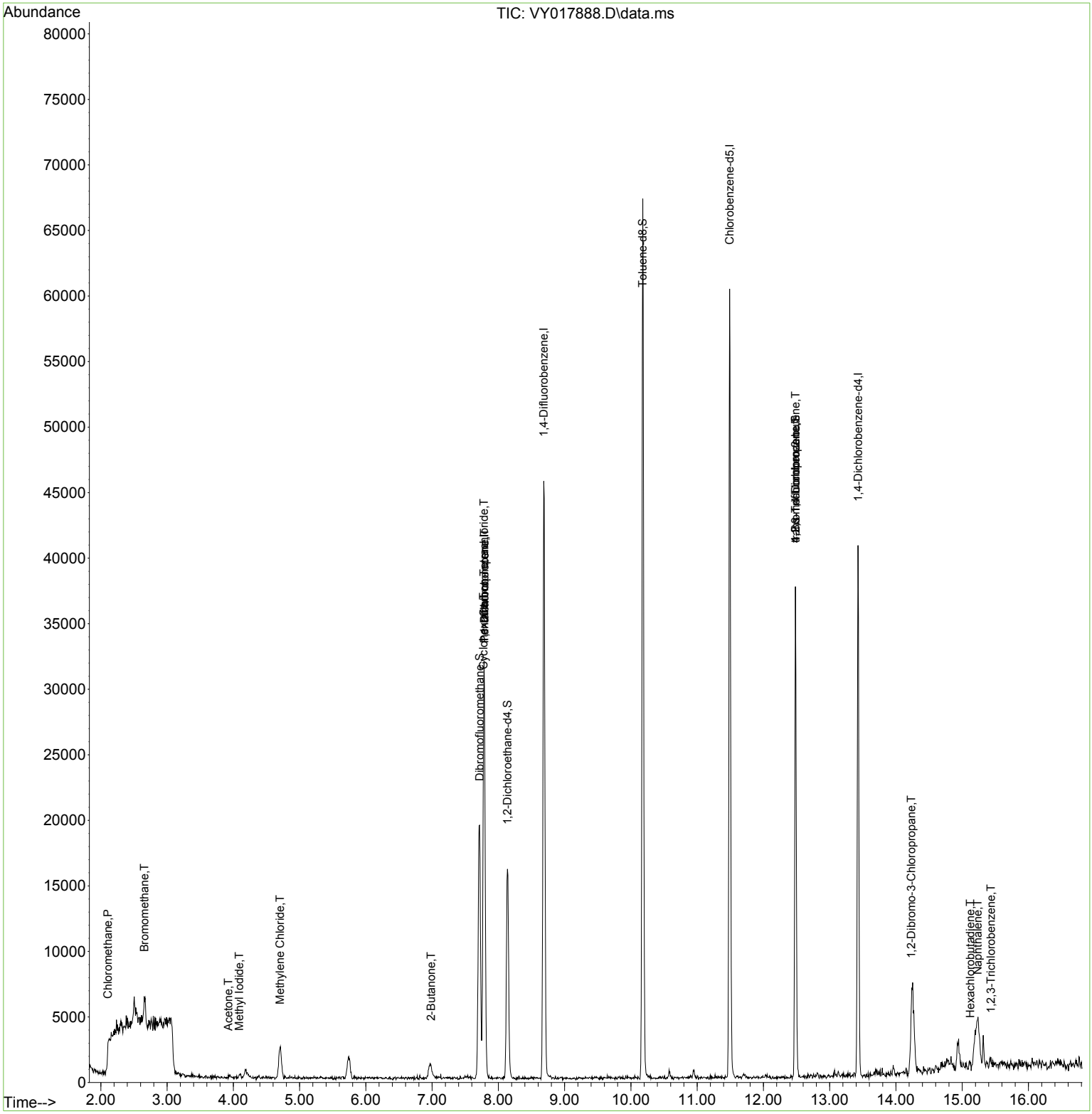
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	26057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13133	58.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.480%			
35) Dibromofluoromethane	7.716	113	14284	60.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.920%			
50) Toluene-d8	10.179	98	45737	52.253	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.483	95	10510	39.466	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.940%			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	492	1.447	ug/l #	82
5) Bromomethane	2.656	94	1129	3.141	ug/l	96
10) Methyl Iodide	4.089	142	416	1.472	ug/l #	72
11) Tert butyl alcohol	4.930	59	37	Below Cal	#	88
16) Acetone	3.924	43	349	7.488	ug/l #	36
20) Methylene Chloride	4.704	84	2092	4.931	ug/l #	79
25) 2-Butanone	6.984	43	78	1.175	ug/l #	41
31) Cyclohexane	7.777	56	493	1.241	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	1884	5.511	ug/l #	43
38) Carbon Tetrachloride	7.783	117	2470	6.959	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	81	Below Cal	#	31
56) Ethyl methacrylate	10.478	69	21	Below Cal	#	33
59) 2-Hexanone	10.862	43	21	Below Cal	#	19
70) Styrene	12.057	104	74	Below Cal	#	27
74) N-amyl acetate	12.416	43	21	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	5579	58.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5579	112.032	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.233	75	52	3.023	ug/l #	1
94) Hexachlorobutadiene	15.123	225	98	1.024	ug/l #	41
95) Naphthalene	15.233	128	467	2.900	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.434	180	173	1.297	ug/l #	84

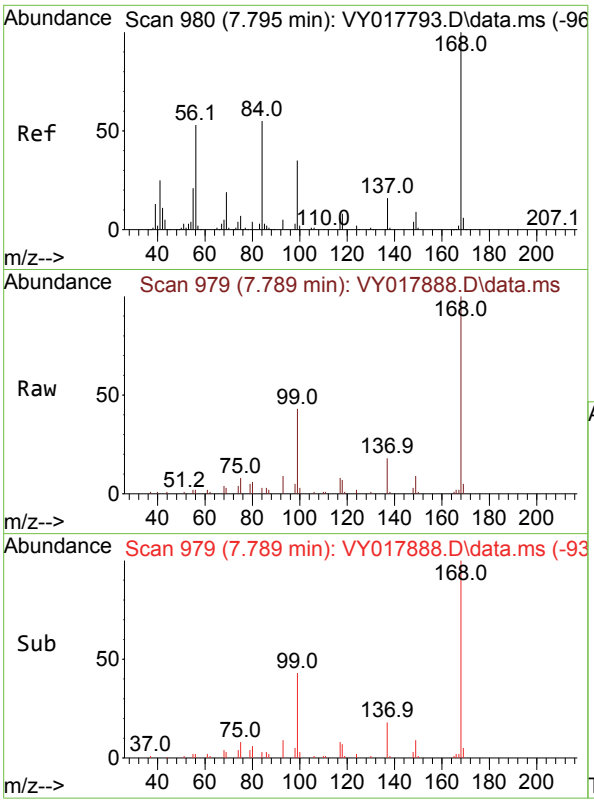
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
Data File : VY017888.D
Acq On : 09 Apr 2024 13:02
Operator : SY/MD
Sample : P2038-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Quant Time: Apr 10 04:25:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration



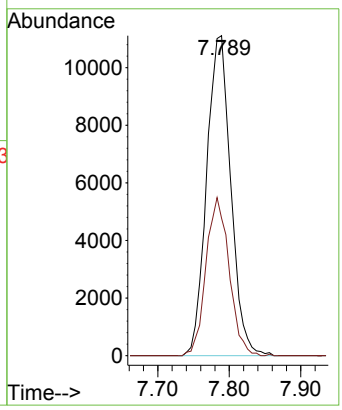


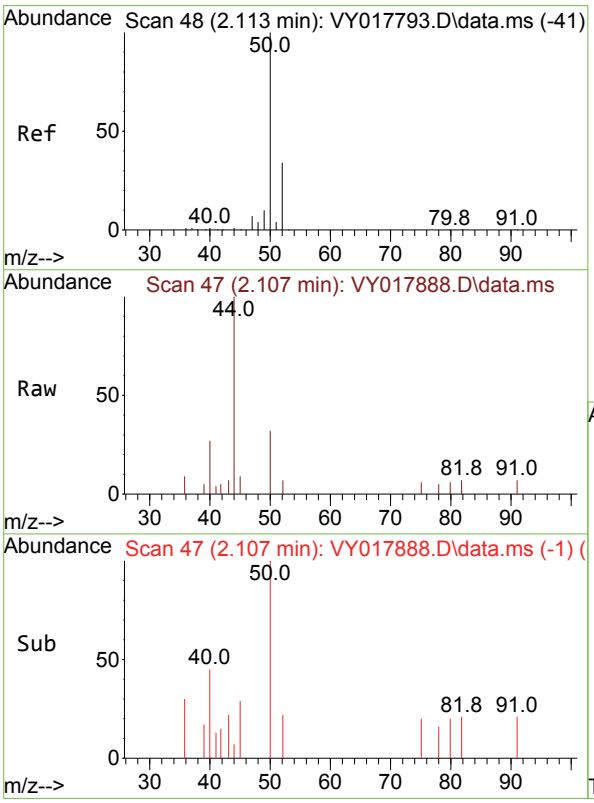
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:168 Resp: 26057

Ion	Ratio	Lower	Upper
168	100		
99	42.9	39.1	58.7

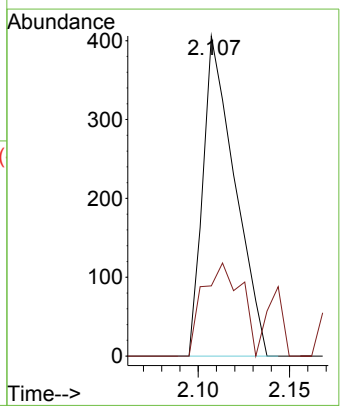


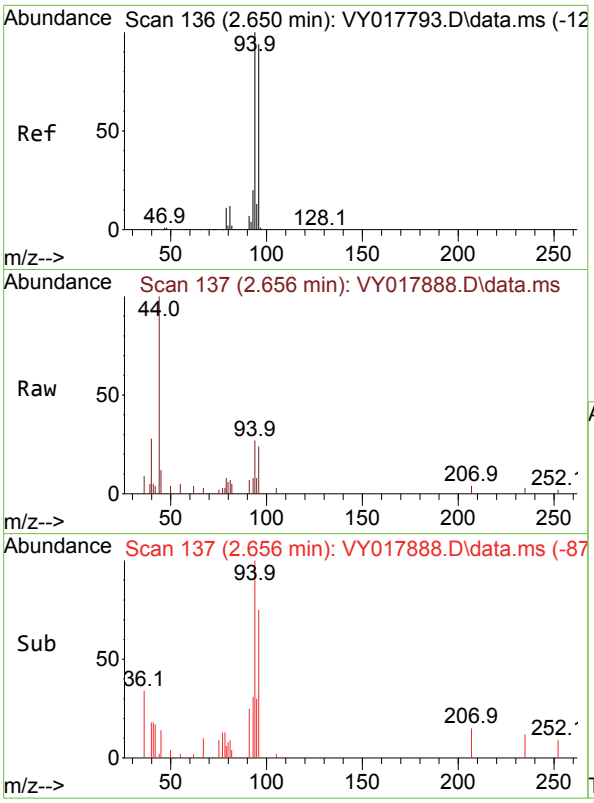


#3
Chloromethane
Concen: 1.447 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 50 Resp: 492

Ion	Ratio	Lower	Upper
50	100		
52	21.9	25.6	38.4#



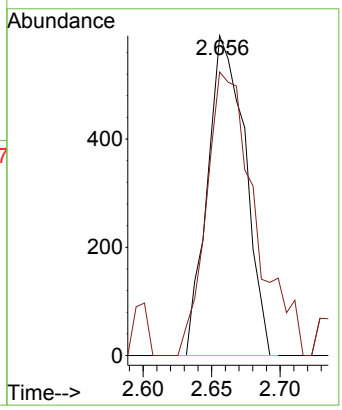


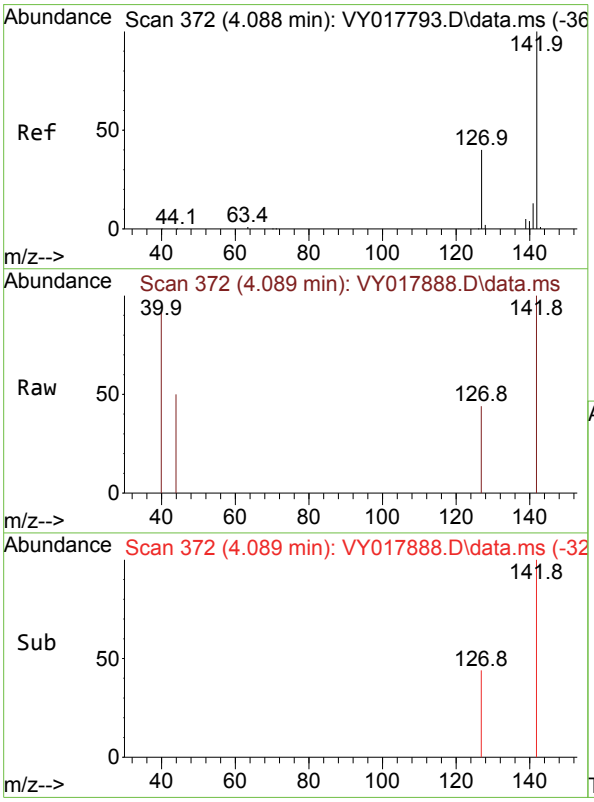
#5
Bromomethane
Concen: 3.141 ug/l
RT: 2.656 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 94 Resp: 1129

Ion	Ratio	Lower	Upper
94	100		
96	88.7	74.1	111.1

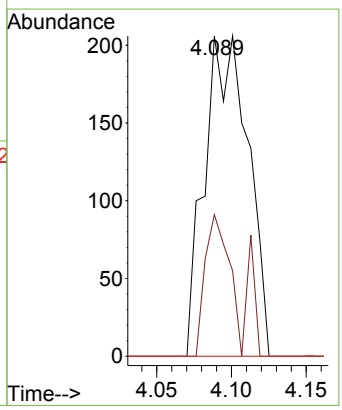


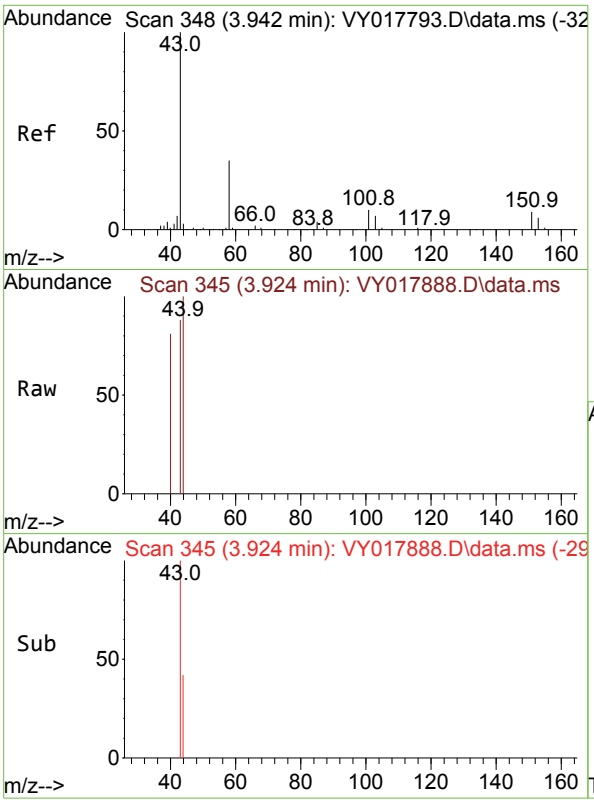


#10
Methyl Iodide
Concen: 1.472 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion:142 Resp: 416

Ion	Ratio	Lower	Upper
142	100		
127	24.8	32.8	49.2#
141	0.0	11.4	17.2#



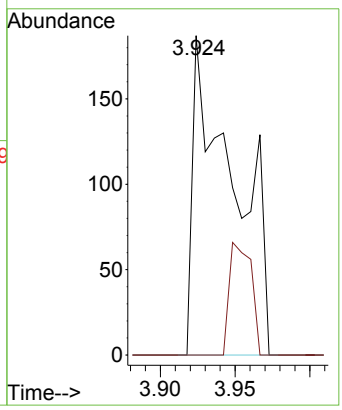


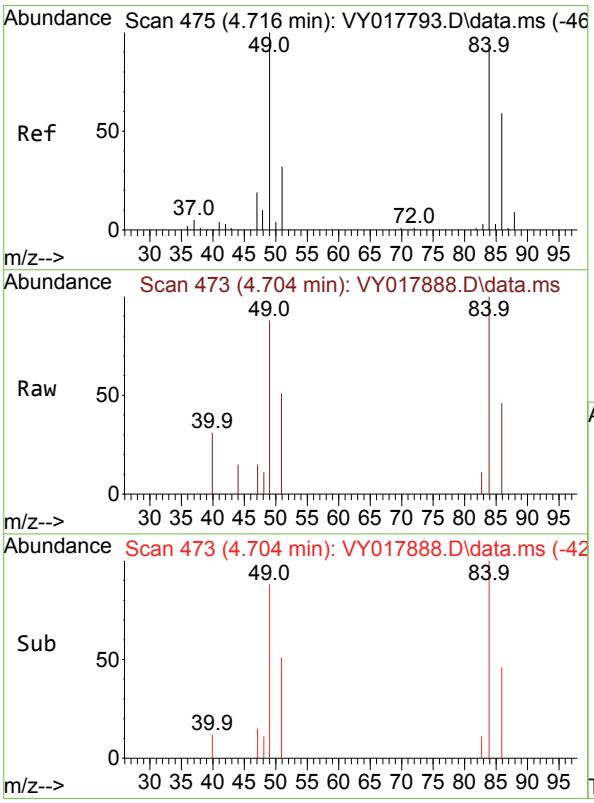
#16
Acetone
Concen: 7.488 ug/l
RT: 3.924 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 43 Resp: 349

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.7	47.5#

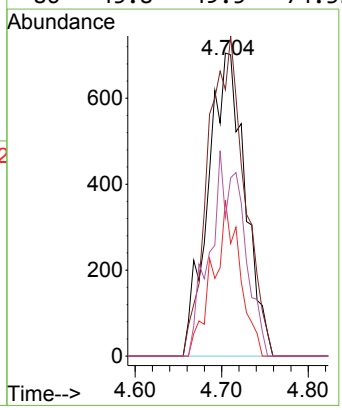


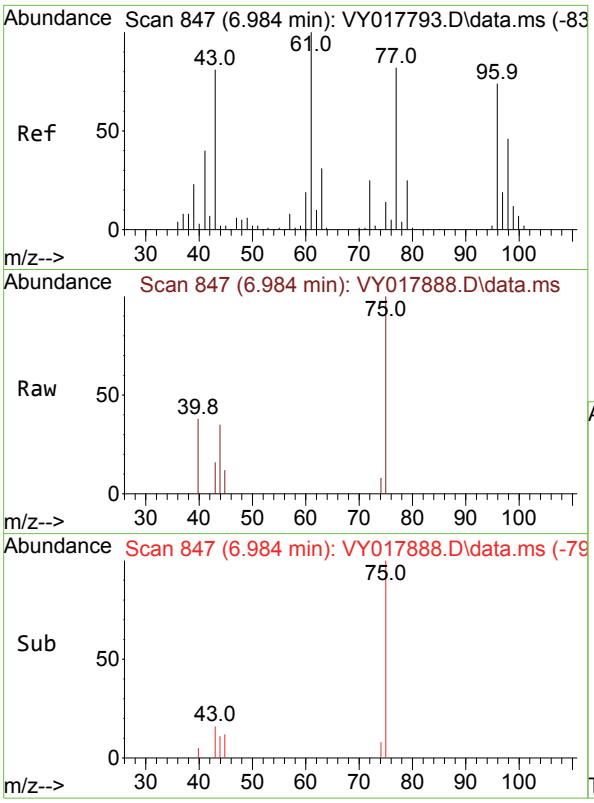


#20
Methylene Chloride
Concen: 4.931 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 84 Resp: 2092

Ion	Ratio	Lower	Upper
84	100		
49	87.9	84.4	126.6
51	51.5	26.0	39.0#
86	45.8	49.5	74.3#



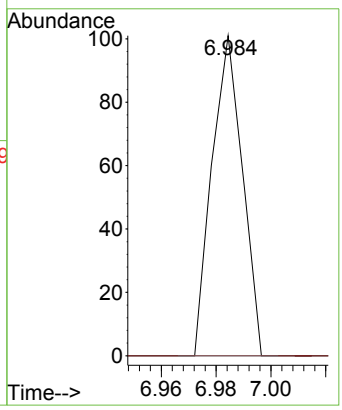


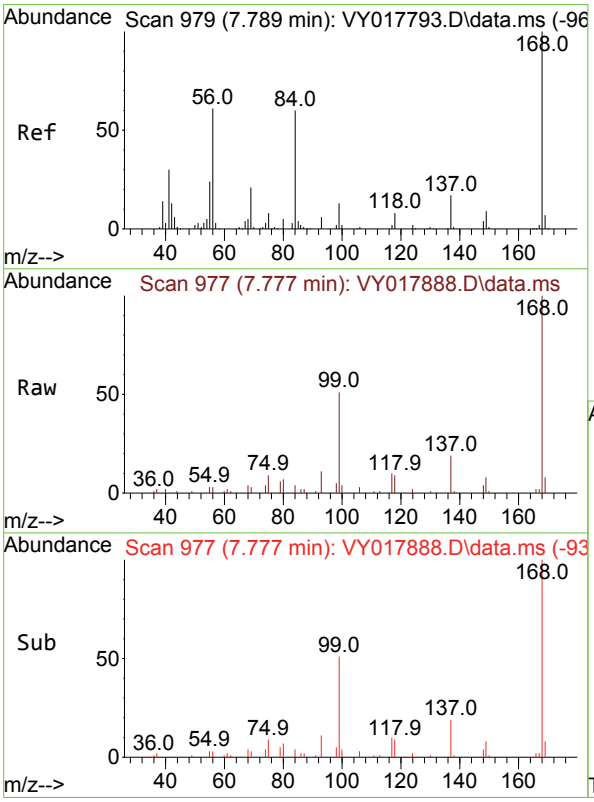
#25
2-Butanone
Concen: 1.175 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 43 Resp: 78

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

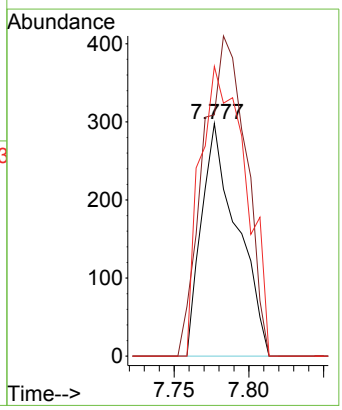


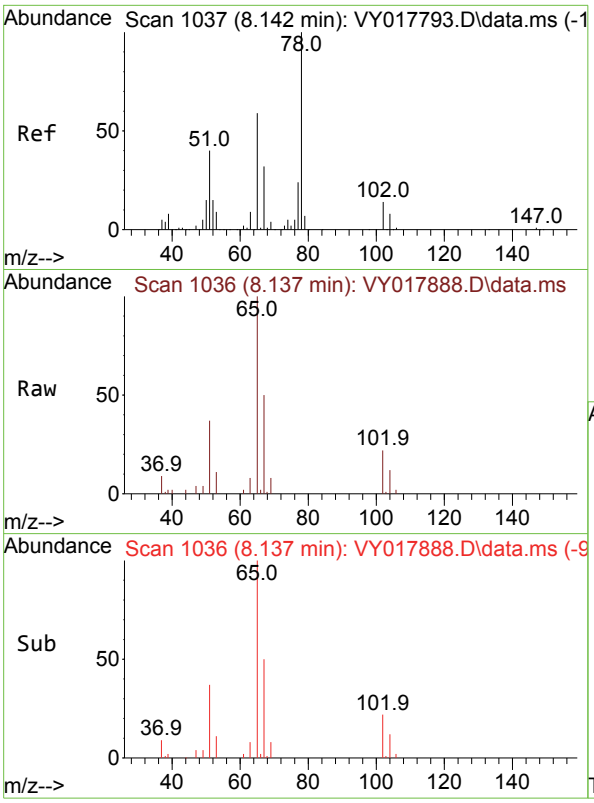


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 56 Resp: 493

Ion	Ratio	Lower	Upper
56	100		
69	103.7	28.7	43.1#
84	124.5	77.7	116.5#



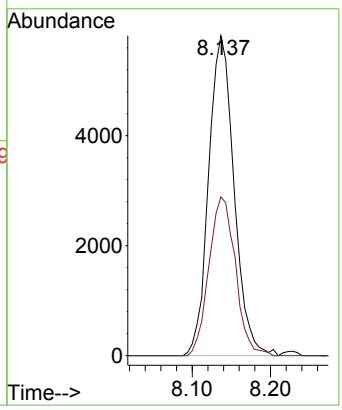


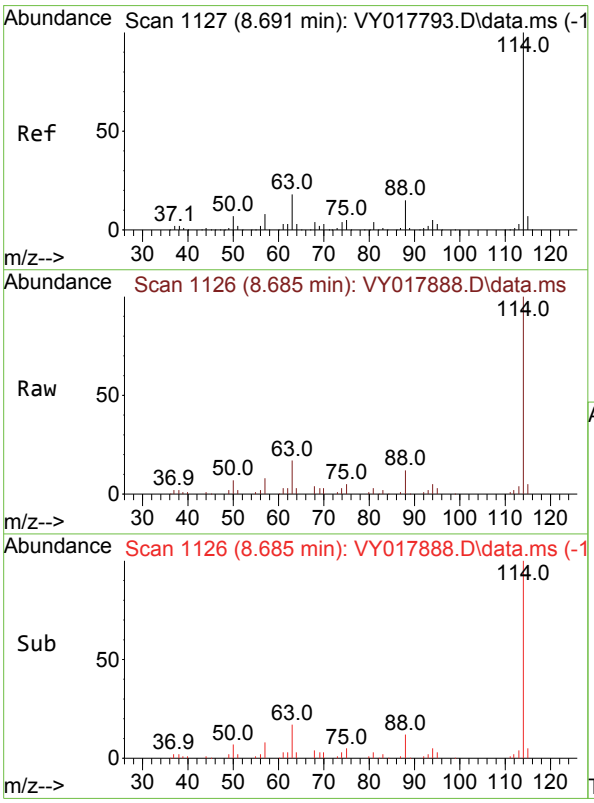
#33
1,2-Dichloroethane-d4
Concen: 58.244 ug/l
RT: 8.137 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 65 Resp: 13133

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.6

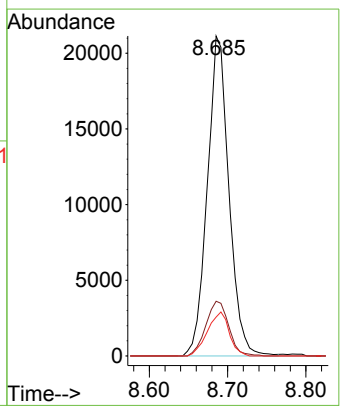


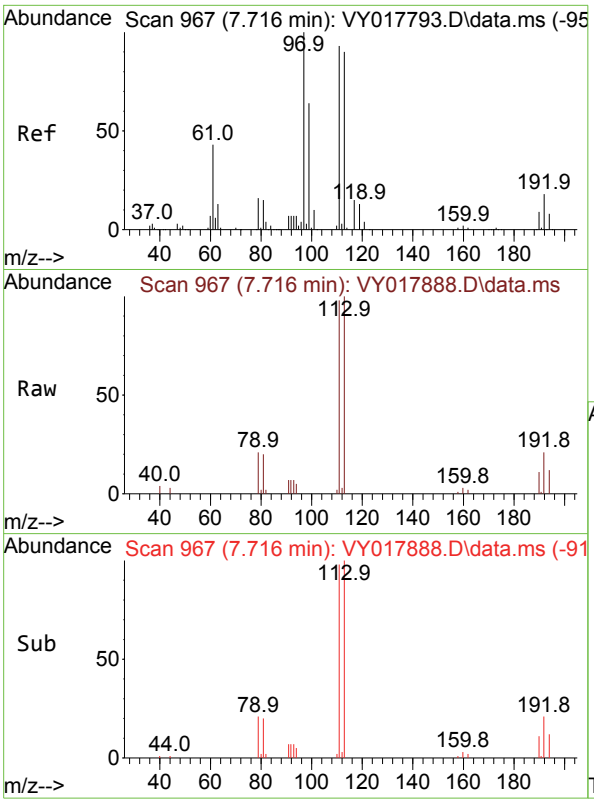


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion:114 Resp: 40551

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.0
88	12.2	0.0	27.2



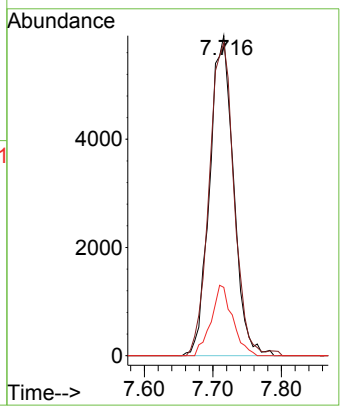


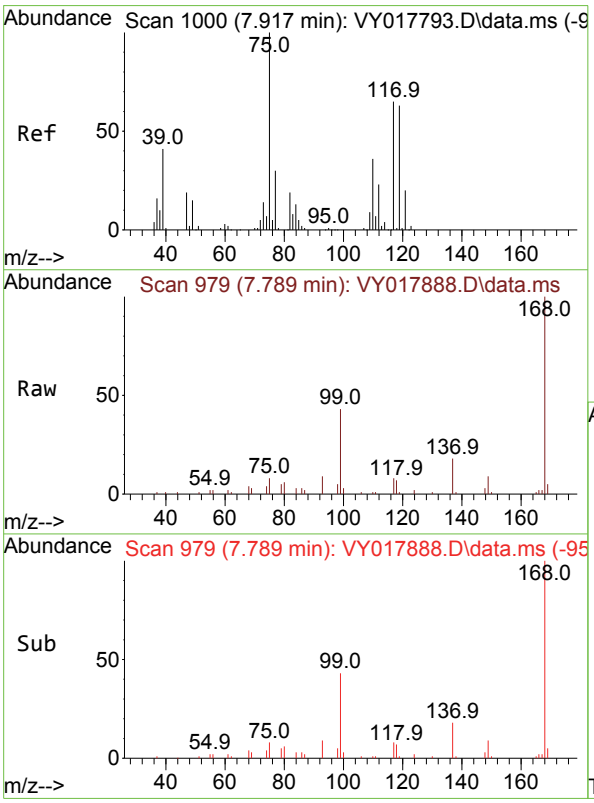
#35
Dibromofluoromethane
Concen: 60.959 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:113 Resp: 14284

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	19.9	15.9	23.9

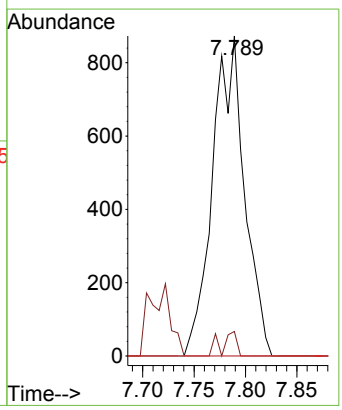


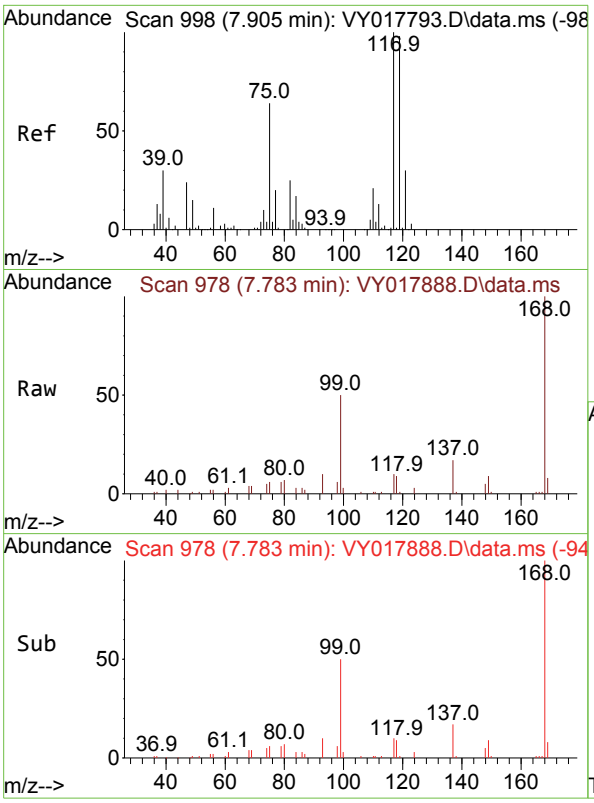


#36
1,1-Dichloropropene
Concen: 5.511 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 75 Resp: 1884

Ion	Ratio	Lower	Upper
75	100		
110	3.6	19.0	57.0#
77	0.0	25.3	37.9#



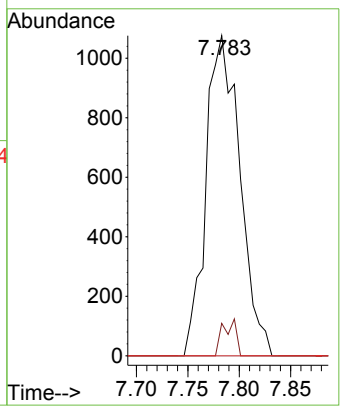


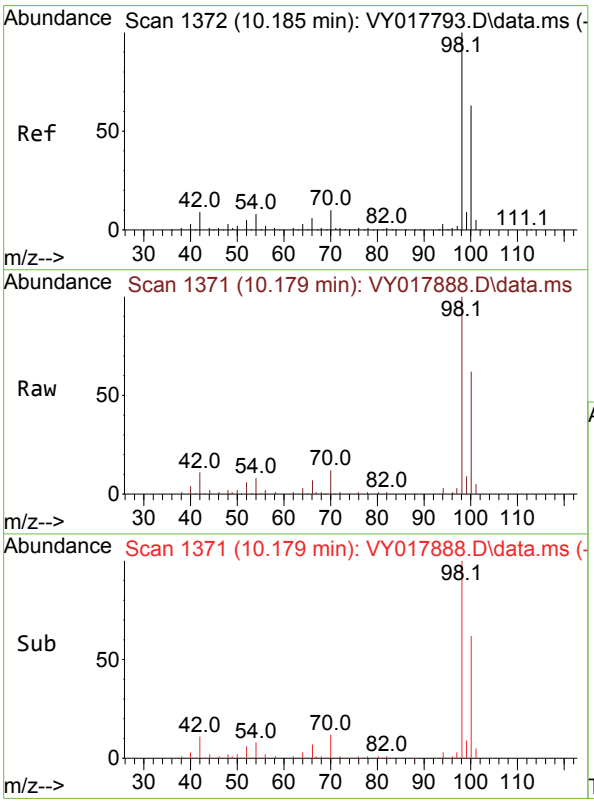
#38
Carbon Tetrachloride
Concen: 6.959 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:117 Resp: 2470

Ion	Ratio	Lower	Upper
117	100		
119	10.1	75.8	113.6#
121	0.0	24.0	36.0#

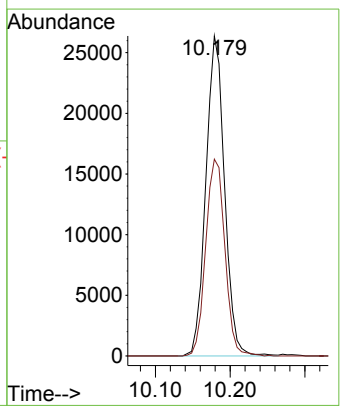


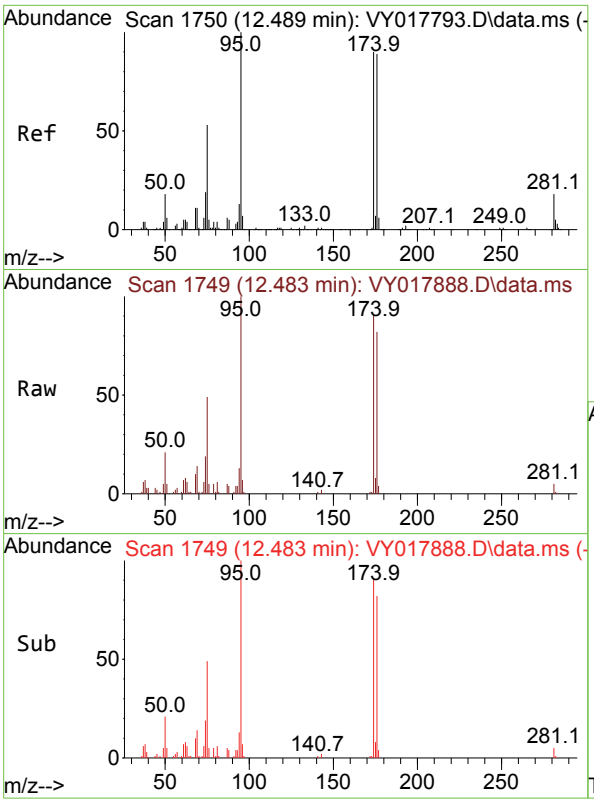


#50
Toluene-d8
Concen: 52.253 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 98 Resp: 45737

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.0	78.0



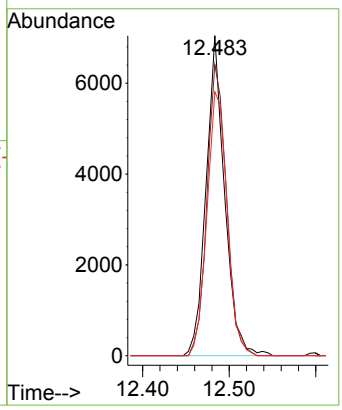


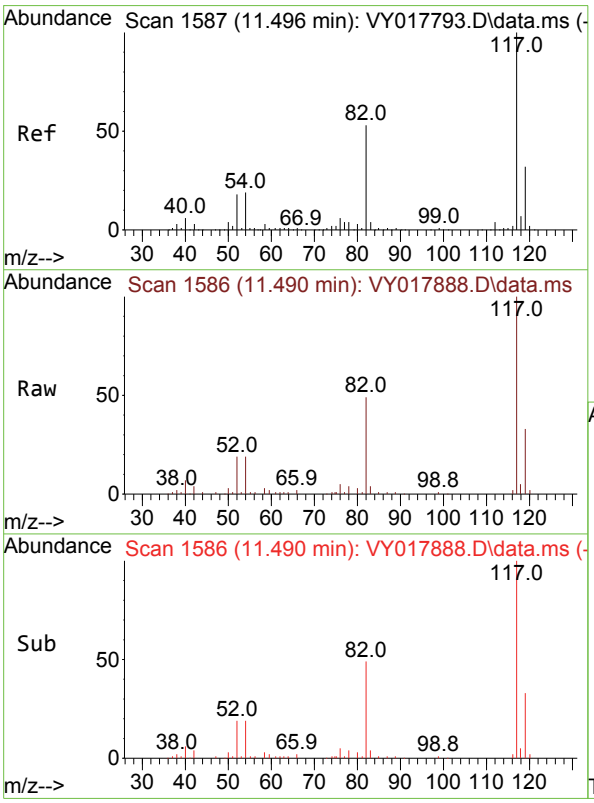
#62
4-Bromofluorobenzene
Concen: 39.466 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 95 Resp: 10510

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	175.6
176	89.9	0.0	171.4

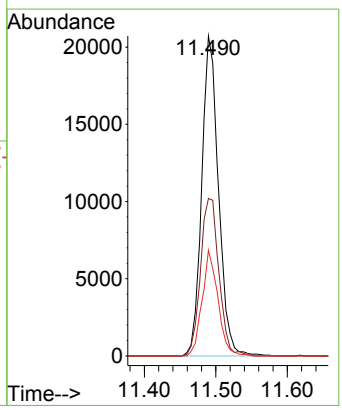


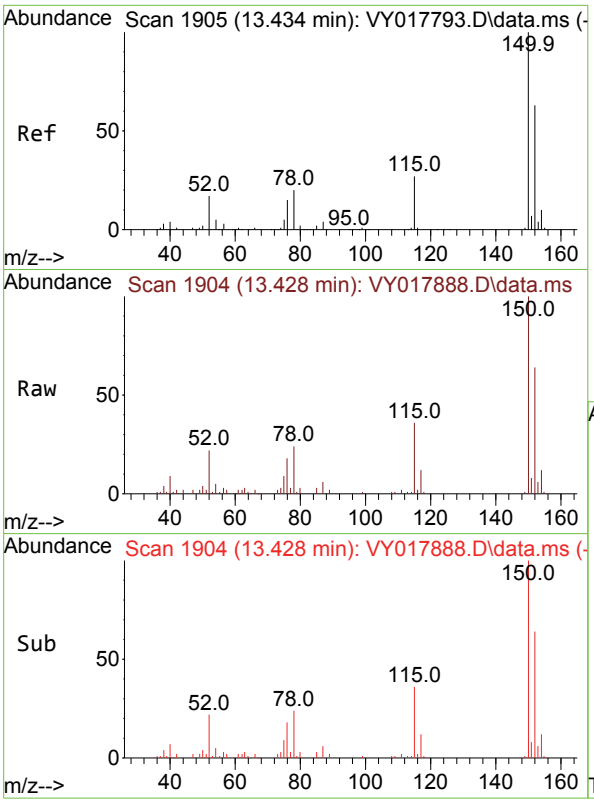


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion:117 Resp: 33721

Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.4	63.6
119	33.1	25.9	38.9



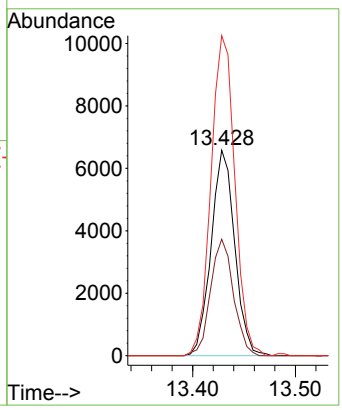


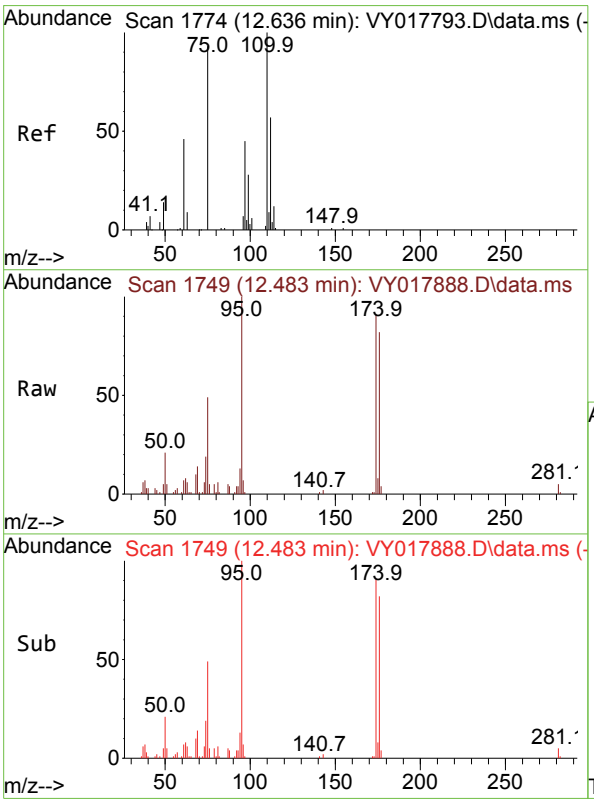
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:152 Resp: 10502

Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	157.4	0.0	345.6

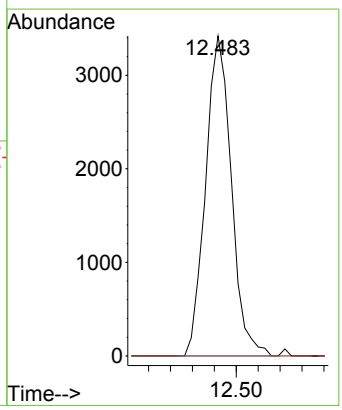


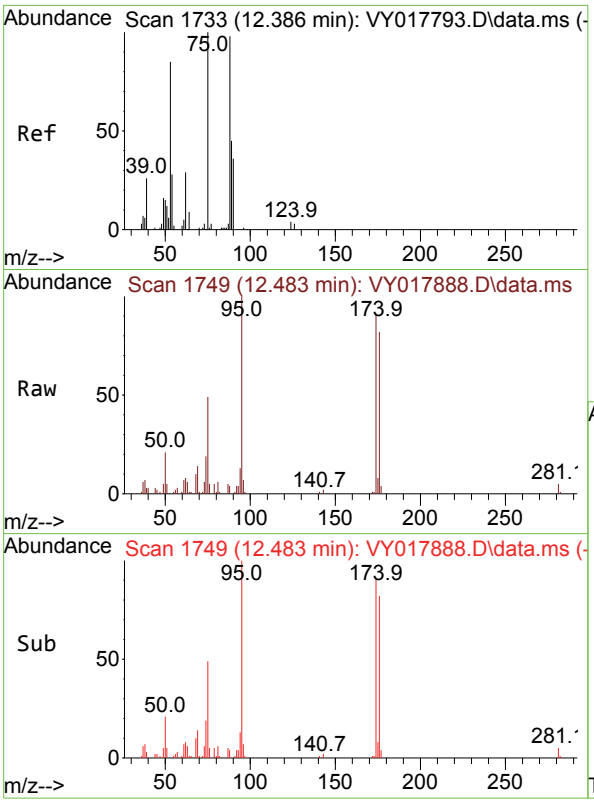


#76
1,2,3-Trichloropropane
Concen: 58.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 75 Resp: 5579

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



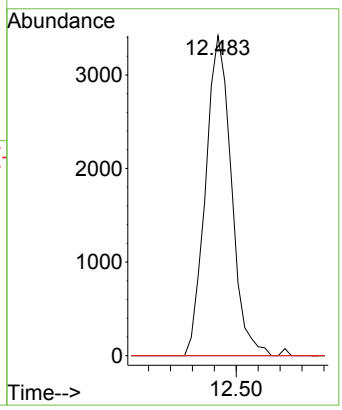


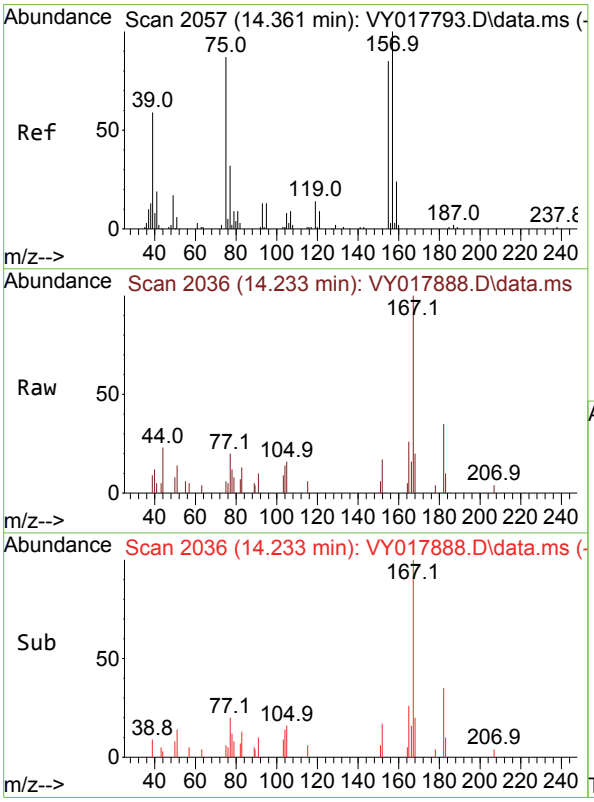
#81
trans-1,4-Dichloro-2-butene
Concen: 112.032 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion: 75 Resp: 5579

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

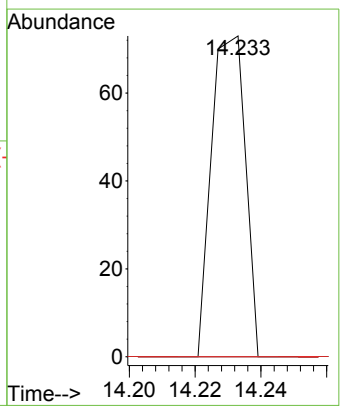


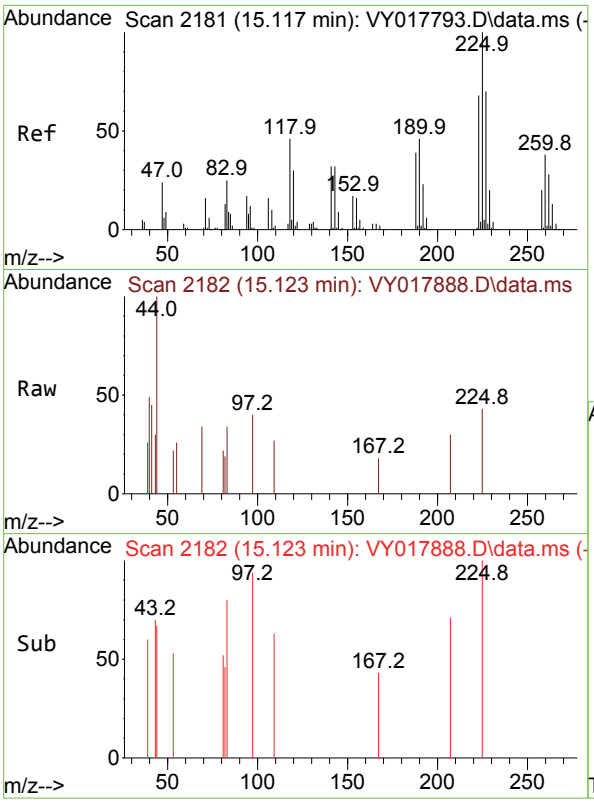


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.023 ug/l
RT: 14.233 min Scan# 2036
Delta R.T. -0.128 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.6	145.8#
157	0.0	62.7	188.2#



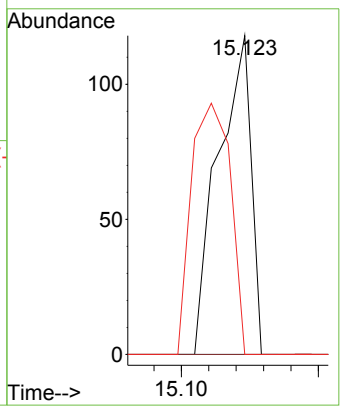


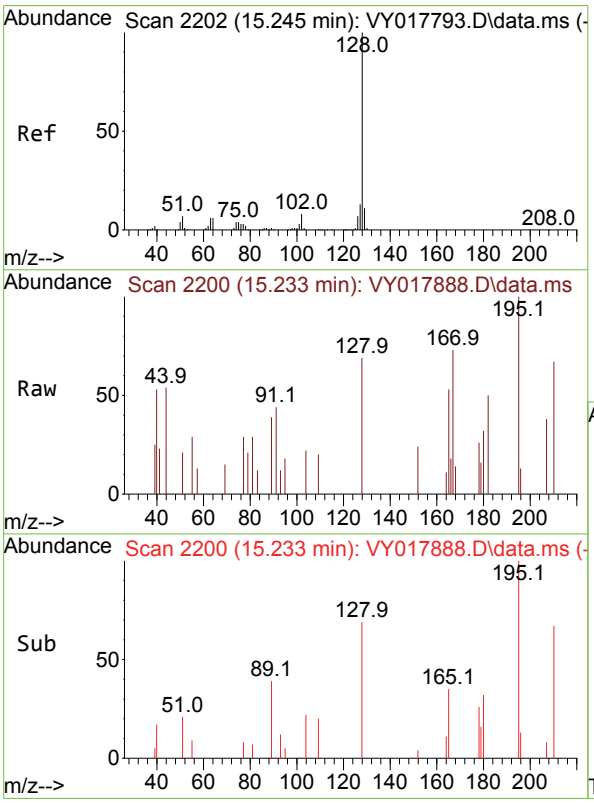
#94
Hexachlorobutadiene
Concen: 1.024 ug/l
RT: 15.123 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:225 Resp: 98

Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	93.9	31.9	95.9

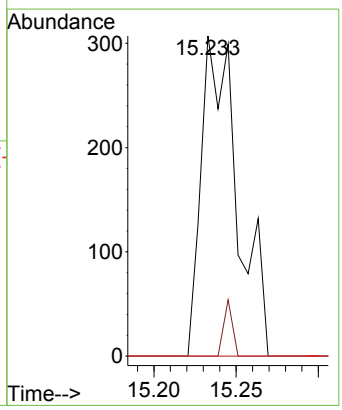


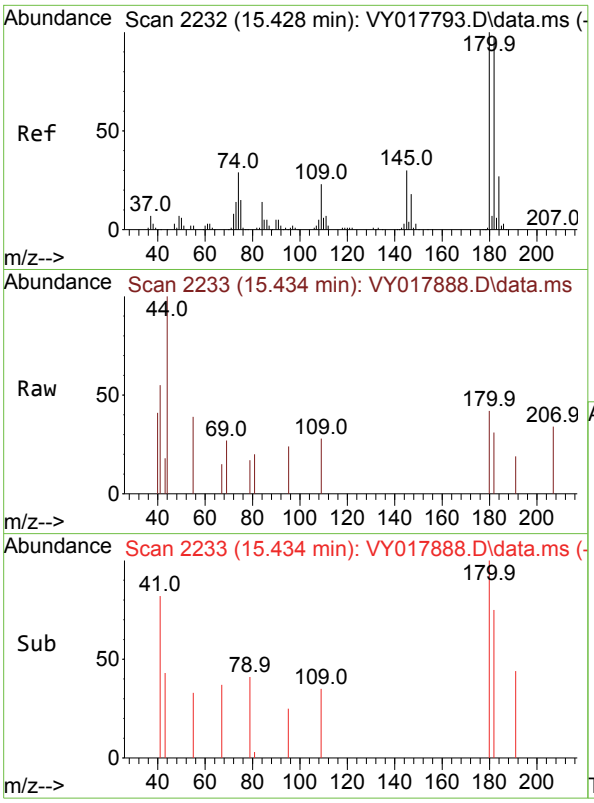


#95
Naphthalene
Concen: 2.900 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.012 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion:128 Resp: 467

Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.6	16.0#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 1.297 ug/l
RT: 15.434 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:180 Resp: 173

Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.6	142.9
145	0.0	15.4	46.1#