Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016108.D
Acq On : 27 Oct 2023 16:20
Operator : SY/MD
Sample : 05050-07RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 06:10:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	5368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3608	67.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.180%			
35) Dibromofluoromethane	7.722	113	3079	55.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.540%			
50) Toluene-d8	10.179	98	9698	46.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.980%			
62) 4-Bromofluorobenzene	12.483	95	2762	39.018	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.040%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	397	8.745	ug/l #	87
5) Bromomethane	2.668	94	188	4.877	ug/l #	61
6) Chloroethane	2.766	64	83	2.337	ug/l #	44
10) Methyl Iodide	4.088	142	167	2.611	ug/l #	69
16) Acetone	3.942	43	60	4.147	ug/l #	46
20) Methylene Chloride	4.716	84	488	3.203	ug/l #	73
25) 2-Butanone	6.966	43	20	1.024	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	545	7.018	ug/l #	46
38) Carbon Tetrachloride	7.789	117	519	6.320	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1549	48.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1549	105.573	ug/l #	10

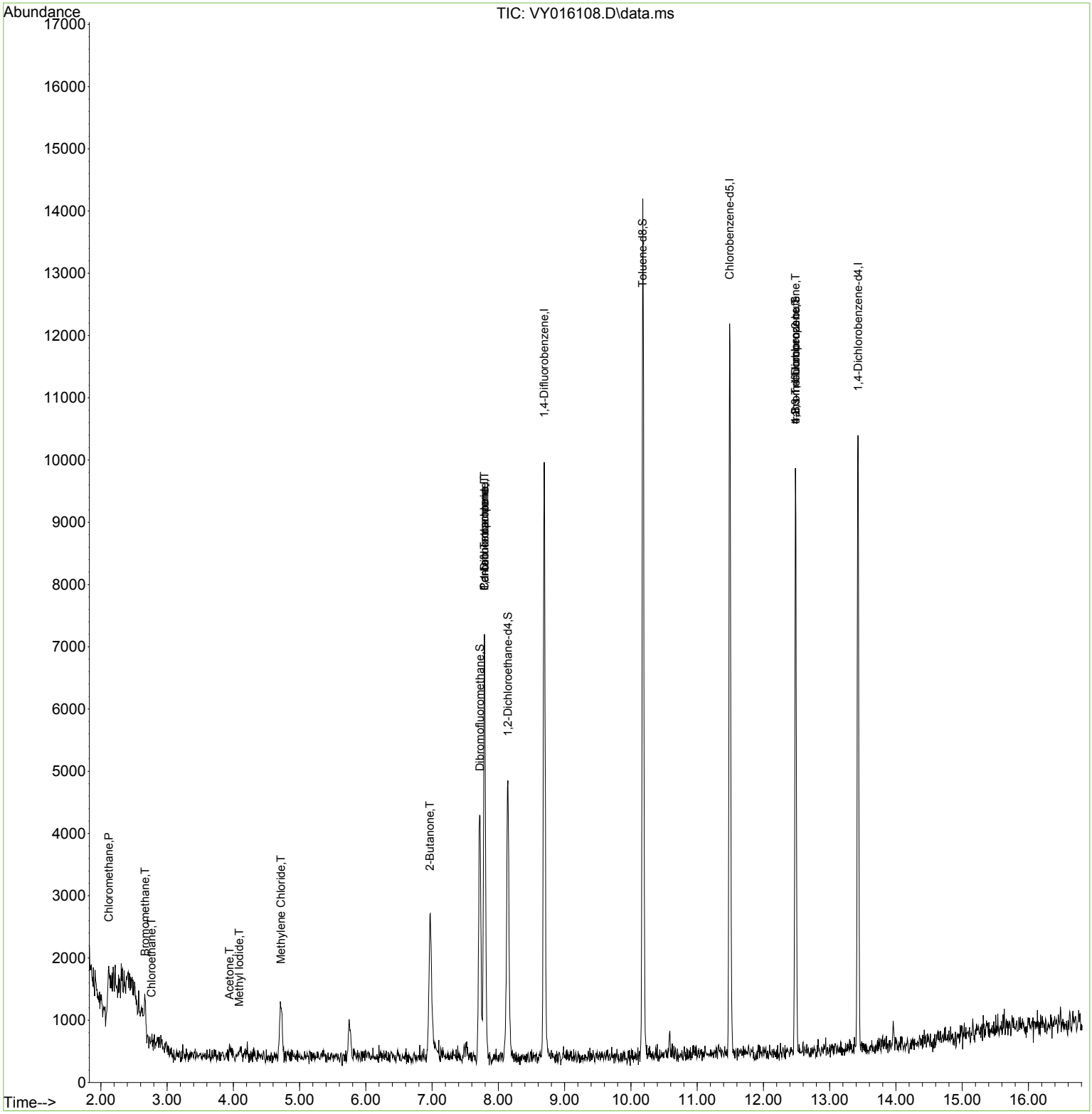
(#) = qualifier out of range (m) = manual integration (+) = signals summed

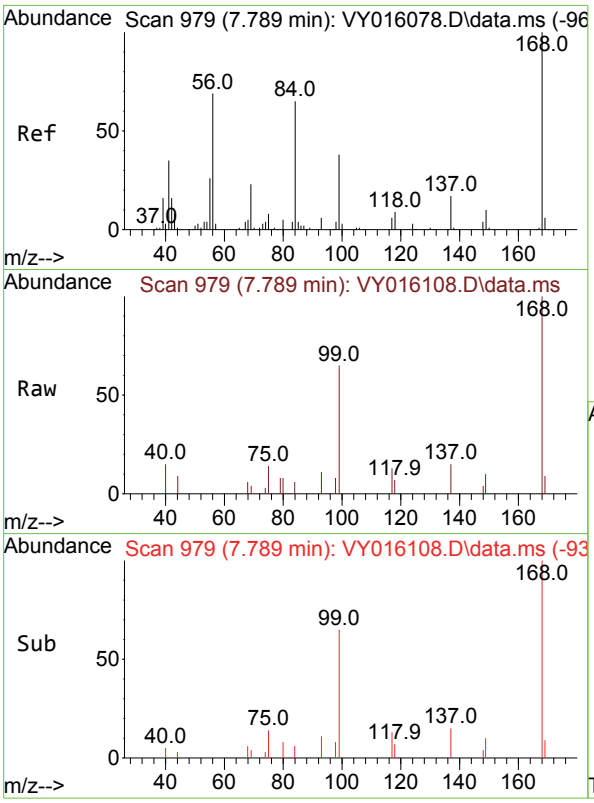
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016108.D
Acq On : 27 Oct 2023 16:20
Operator : SY/MD
Sample : 05050-07RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 06:10:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



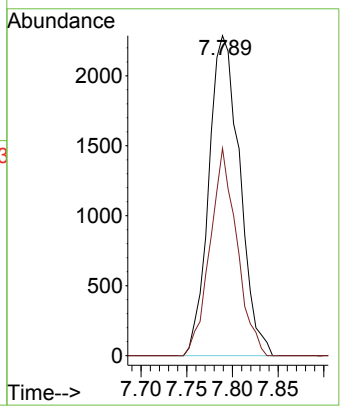


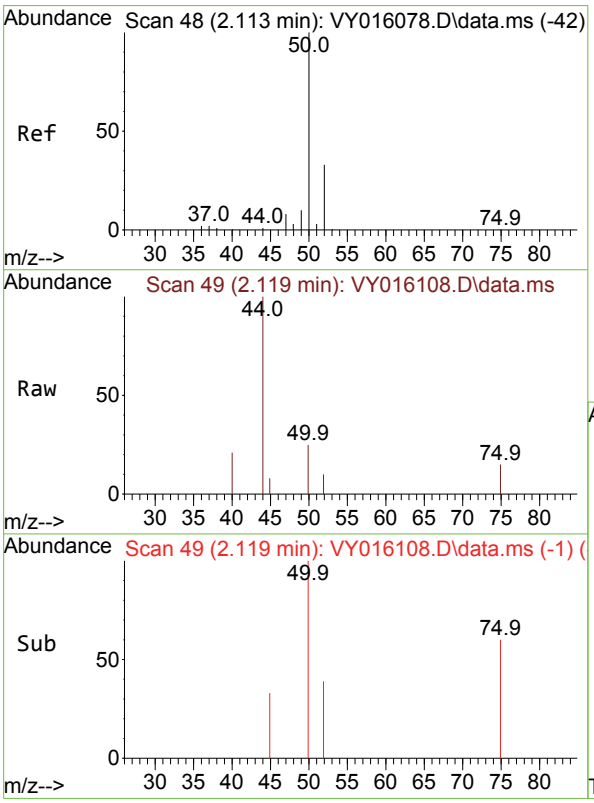
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 5368

Ion	Ratio	Lower	Upper
168	100		
99	64.8	43.4	65.0

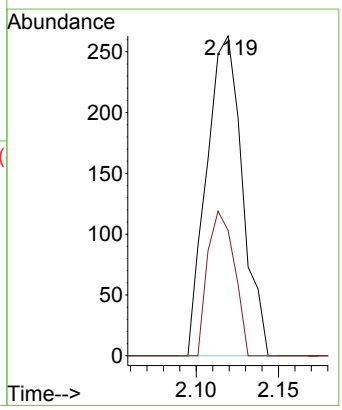


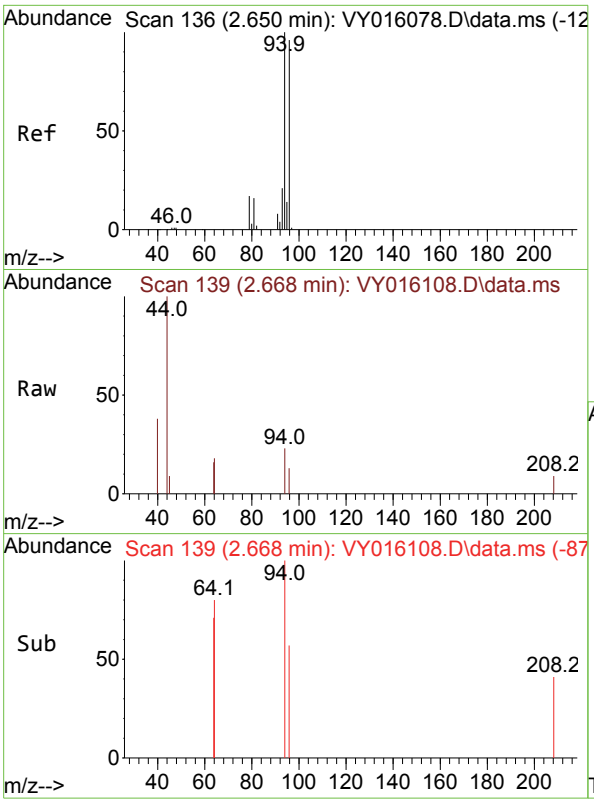


#3
Chloromethane
Concen: 8.745 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 50 Resp: 397

Ion	Ratio	Lower	Upper
50	100		
52	39.2	25.4	38.2#



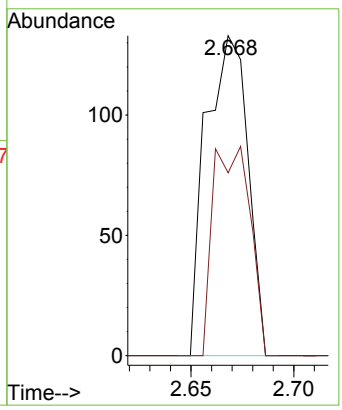


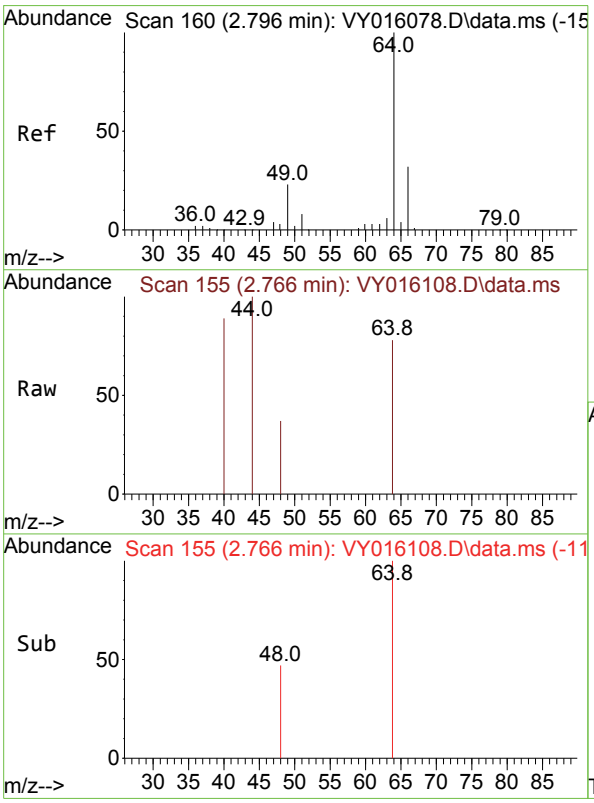
#5
Bromomethane
Concen: 4.877 ug/l
RT: 2.668 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 188

Ion	Ratio	Lower	Upper
94	100		
96	57.1	75.8	113.6#

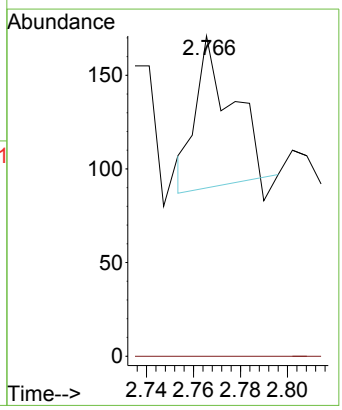


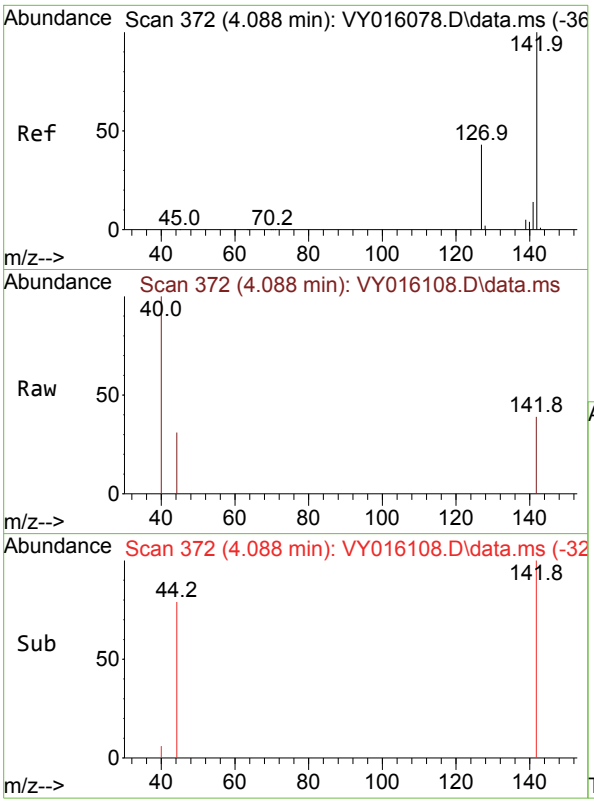


#6
Chloroethane
Concen: 2.337 ug/l
RT: 2.766 min Scan# 155
Delta R.T. -0.030 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 64 Resp: 83

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.4	36.6#



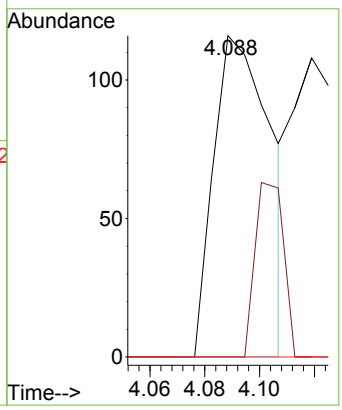


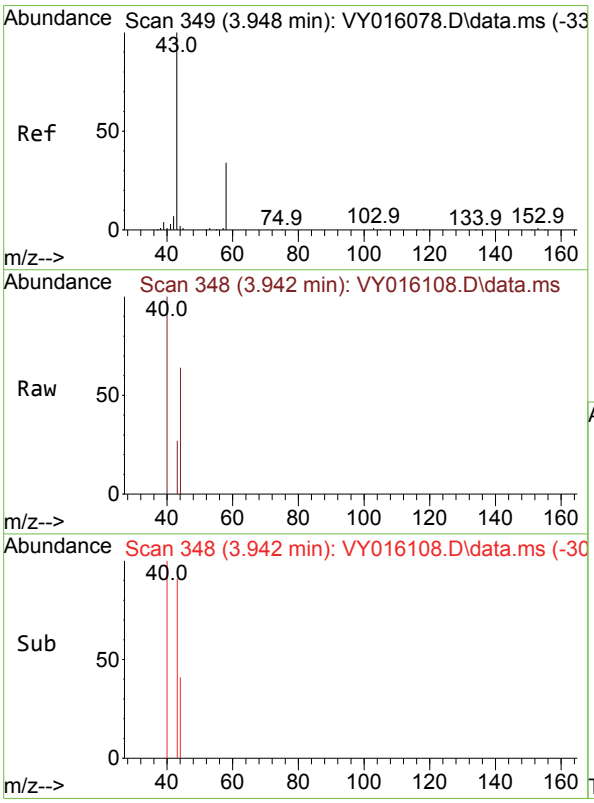
#10
Methyl Iodide
Concen: 2.611 ug/l
RT: 4.088 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 167

Ion	Ratio	Lower	Upper
142	100		
127	26.9	37.6	56.4#
141	0.0	11.8	17.8#

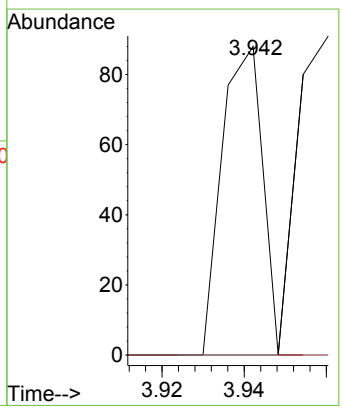


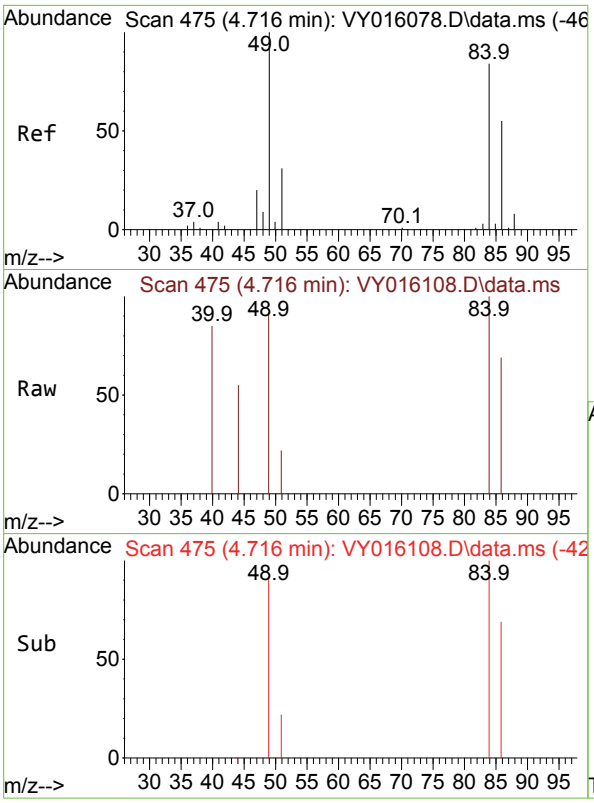


#16
Acetone
Concen: 4.147 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#



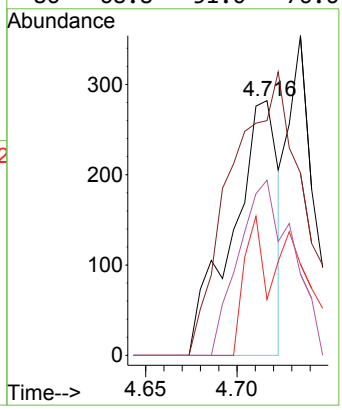


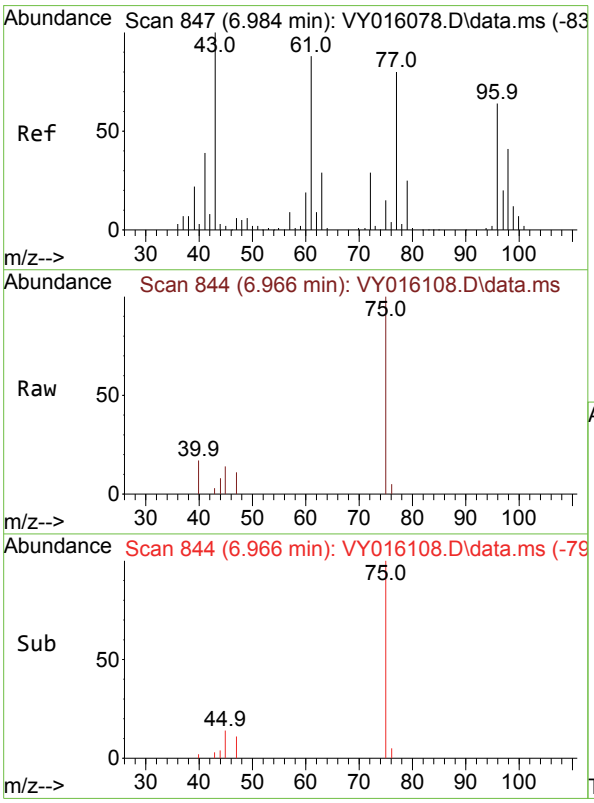
#20
Methylene Chloride
Concen: 3.203 ug/l
RT: 4.716 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 488

Ion	Ratio	Lower	Upper
84	100		
49	92.2	106.9	160.3#
51	22.0	33.2	49.8#
86	68.8	51.0	76.6

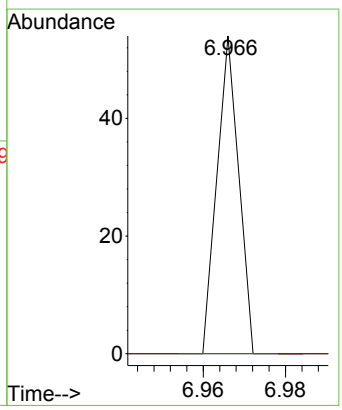


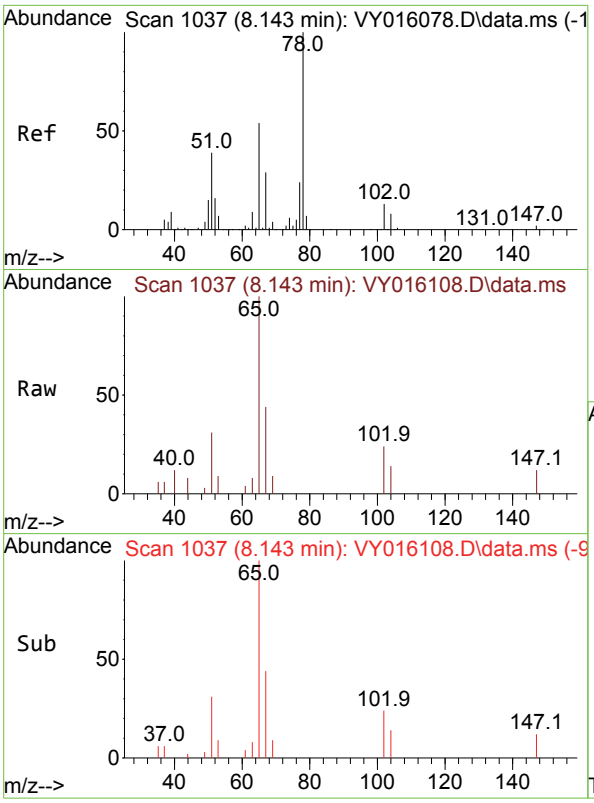


#25
2-Butanone
Concen: 1.024 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



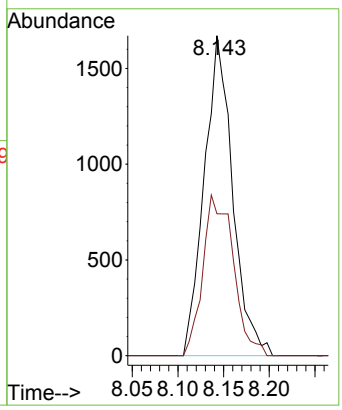


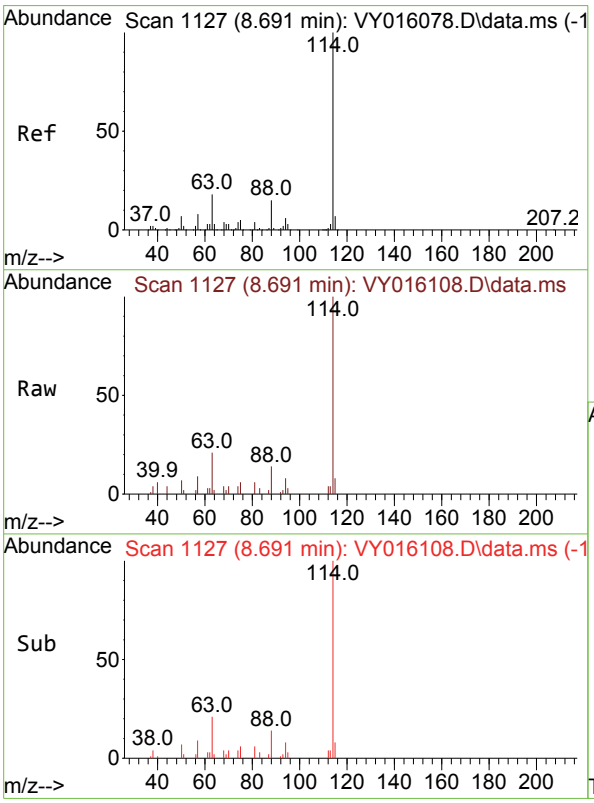
#33
1,2-Dichloroethane-d4
Concen: 67.594 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 3608

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	101.8

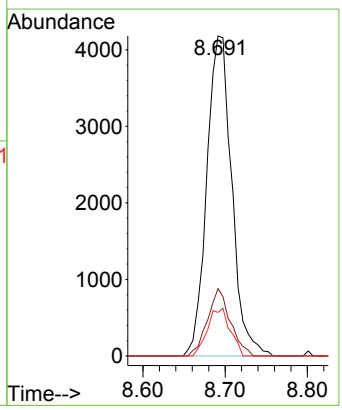


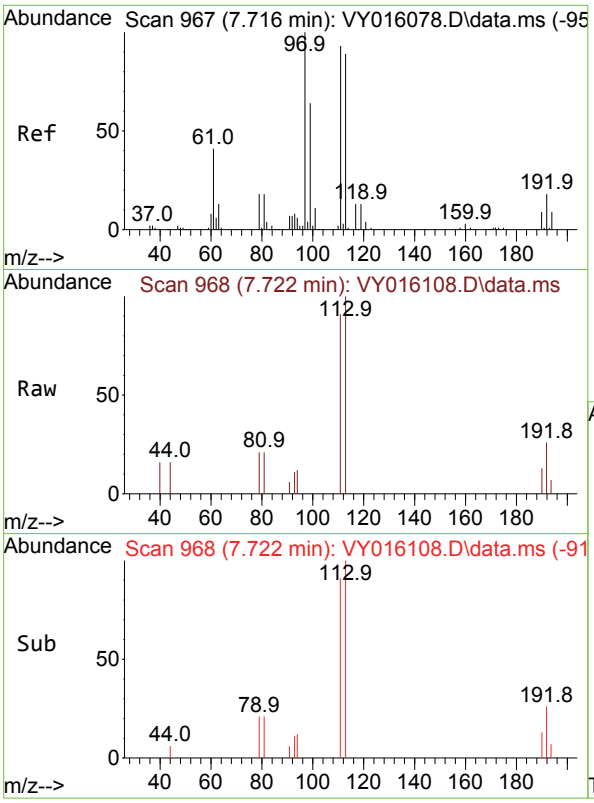


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion:114 Resp: 8825

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	13.6	0.0	30.6



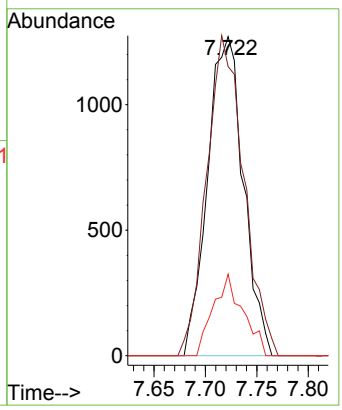


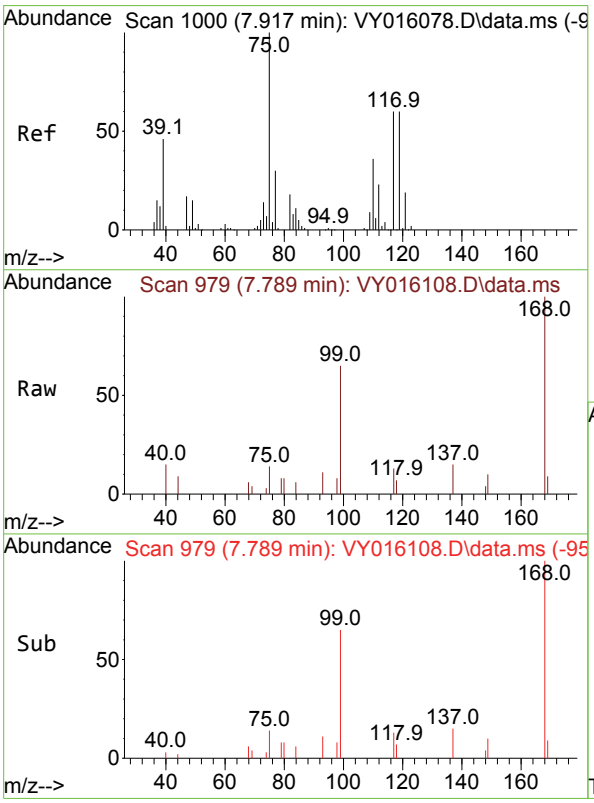
#35
Dibromofluoromethane
Concen: 55.267 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 3079

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.3	121.9
192	21.1	16.9	25.3

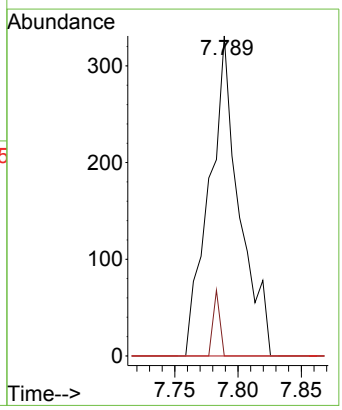


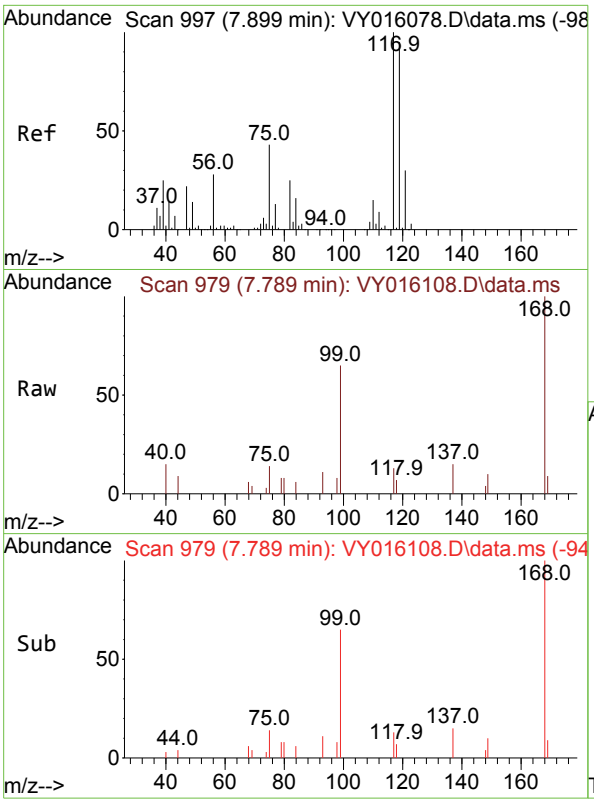


#36
1,1-Dichloropropene
Concen: 7.018 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 75 Resp: 545

Ion	Ratio	Lower	Upper
75	100		
110	4.6	17.8	53.5#
77	0.0	24.4	36.6#



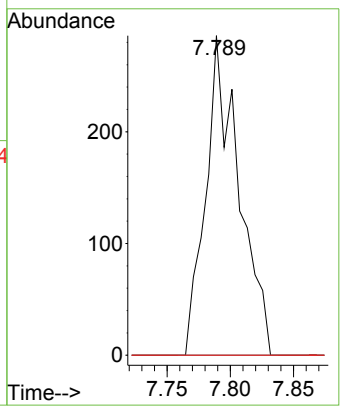


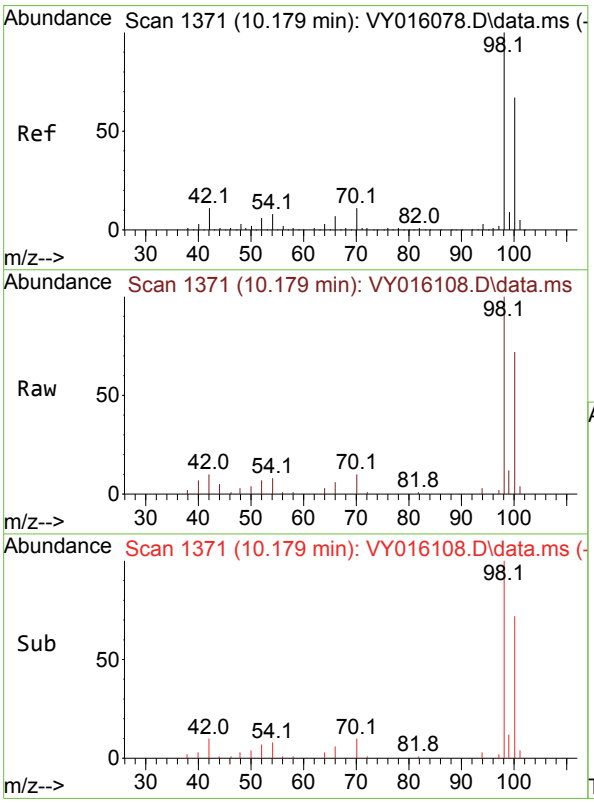
#38
Carbon Tetrachloride
Concen: 6.320 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 519

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

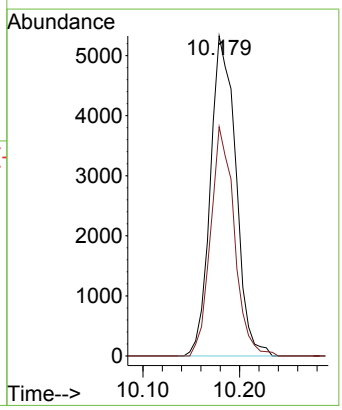


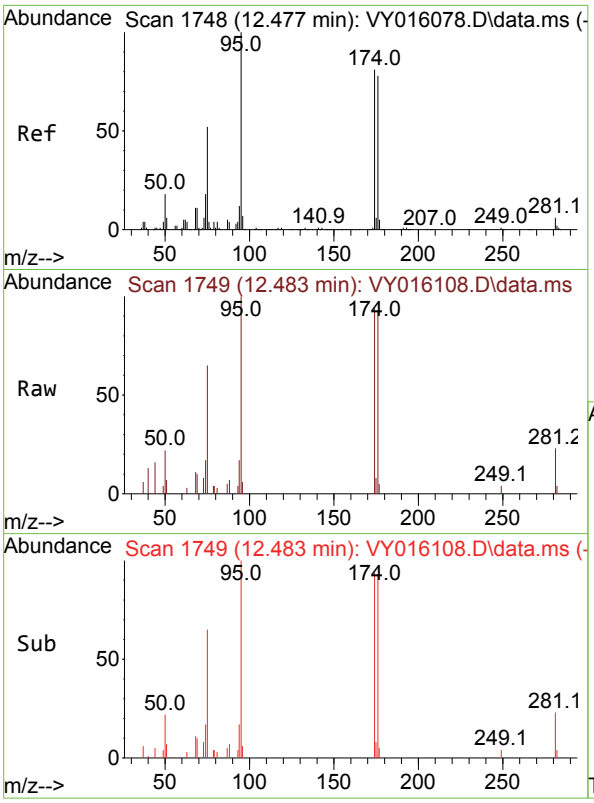


#50
Toluene-d8
Concen: 46.994 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 98 Resp: 9698

Ion	Ratio	Lower	Upper
98	100		
100	66.8	50.1	75.1



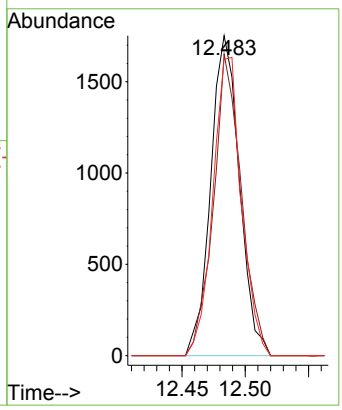


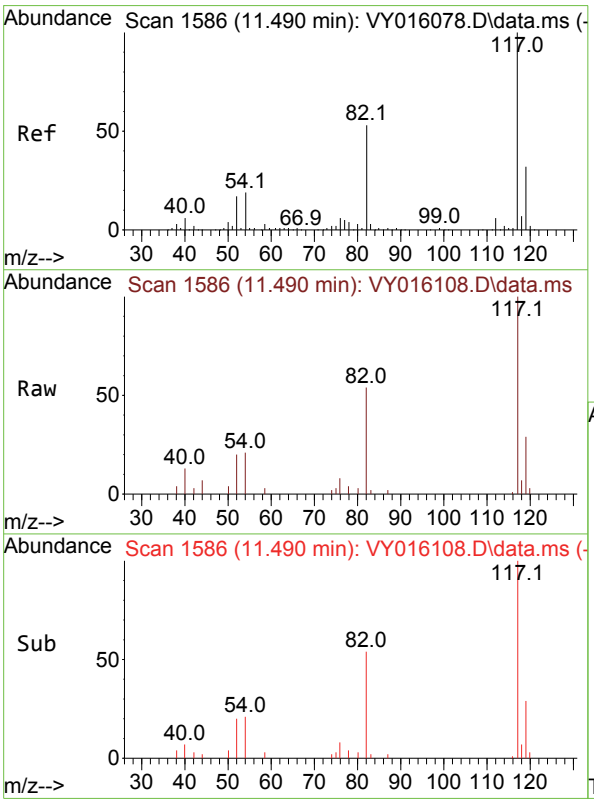
#62
4-Bromofluorobenzene
Concen: 39.018 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 2762

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	178.2
176	92.7	0.0	173.8

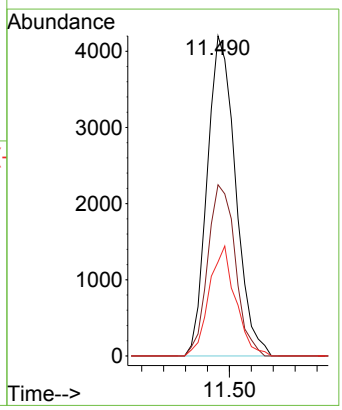


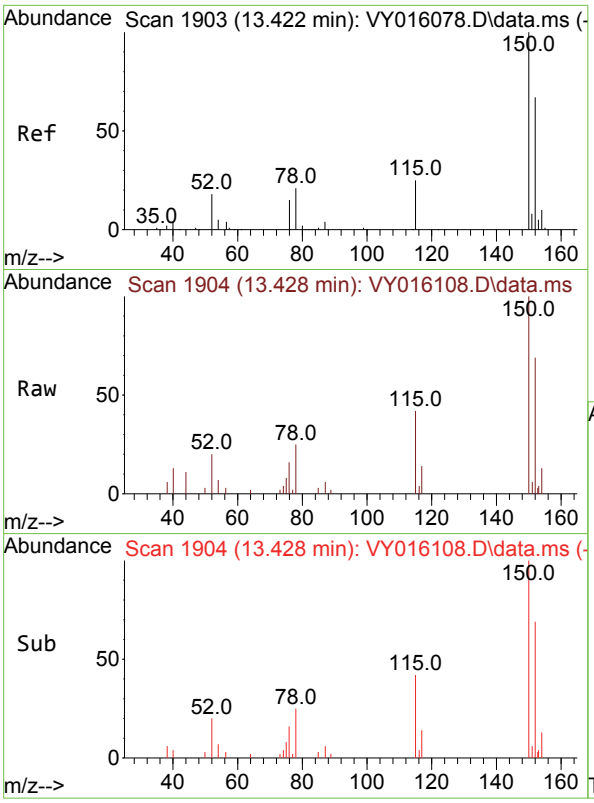


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion:117 Resp: 7525

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	29.4	26.3	39.5



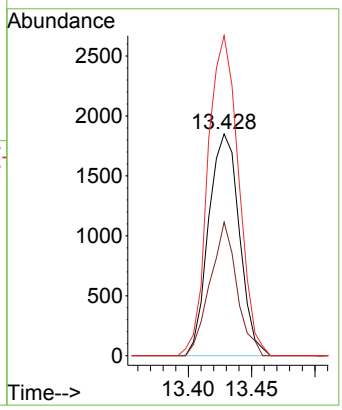


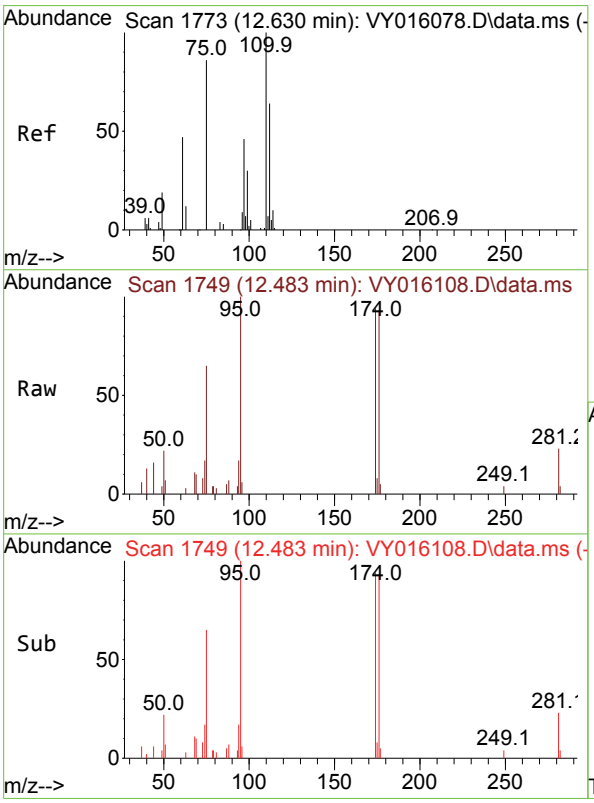
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 3123

Ion	Ratio	Lower	Upper
152	100		
115	52.4	28.8	86.5
150	143.6	0.0	348.8

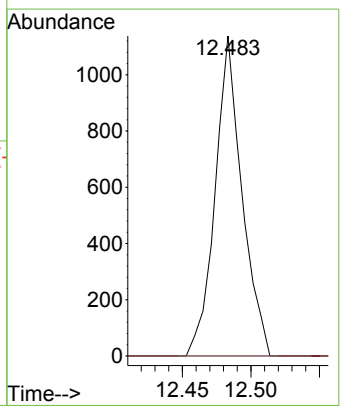


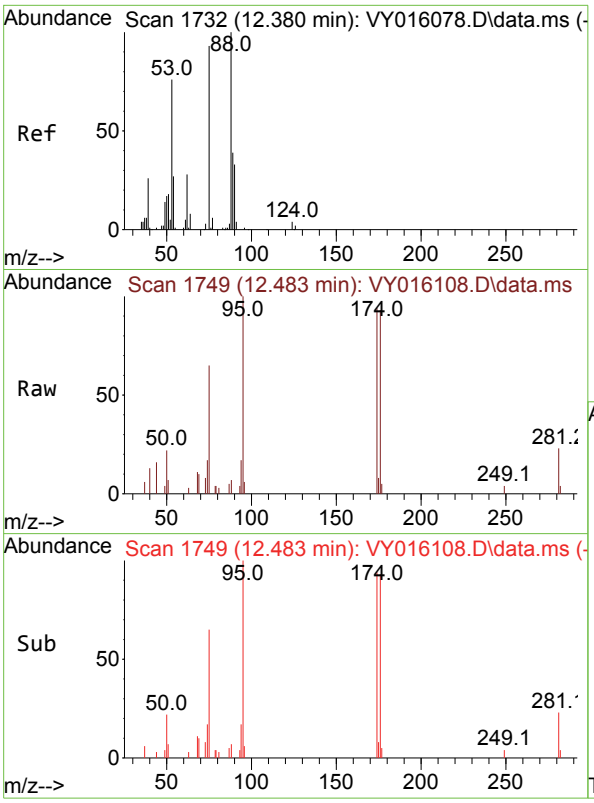


#76
1,2,3-Trichloropropane
Concen: 48.581 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Tgt Ion: 75 Resp: 1549

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 105.573 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY016108.D
Acq: 27 Oct 2023 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1549

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