Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
Data File : VY016678.D
Acq On : 16 Dec 2023 18:47
Operator : SY/MD
Sample : 05765-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 18 00:43:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	35574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	61156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18098	62.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.320%			
35) Dibromofluoromethane	7.728	113	20904	63.725	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.440%			
50) Toluene-d8	10.185	98	71637	55.166	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.340%			
62) 4-Bromofluorobenzene	12.489	95	18427	43.833	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.660%			
Target Compounds						Qvalue
5) Bromomethane	2.680	94	397	1.118	ug/l #	79
16) Acetone	3.942	43	1234	Below Cal	#	80
20) Methylene Chloride	4.729	84	6846	15.104	ug/l	94
25) 2-Butanone	6.997	43	173	Below Cal	#	49
31) Cyclohexane	7.801	56	806	1.403	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	2717	5.001	ug/l #	45
38) Carbon Tetrachloride	7.801	117	3287	6.023	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	274	1.270	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	9098	38.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9098	86.981	ug/l #	10

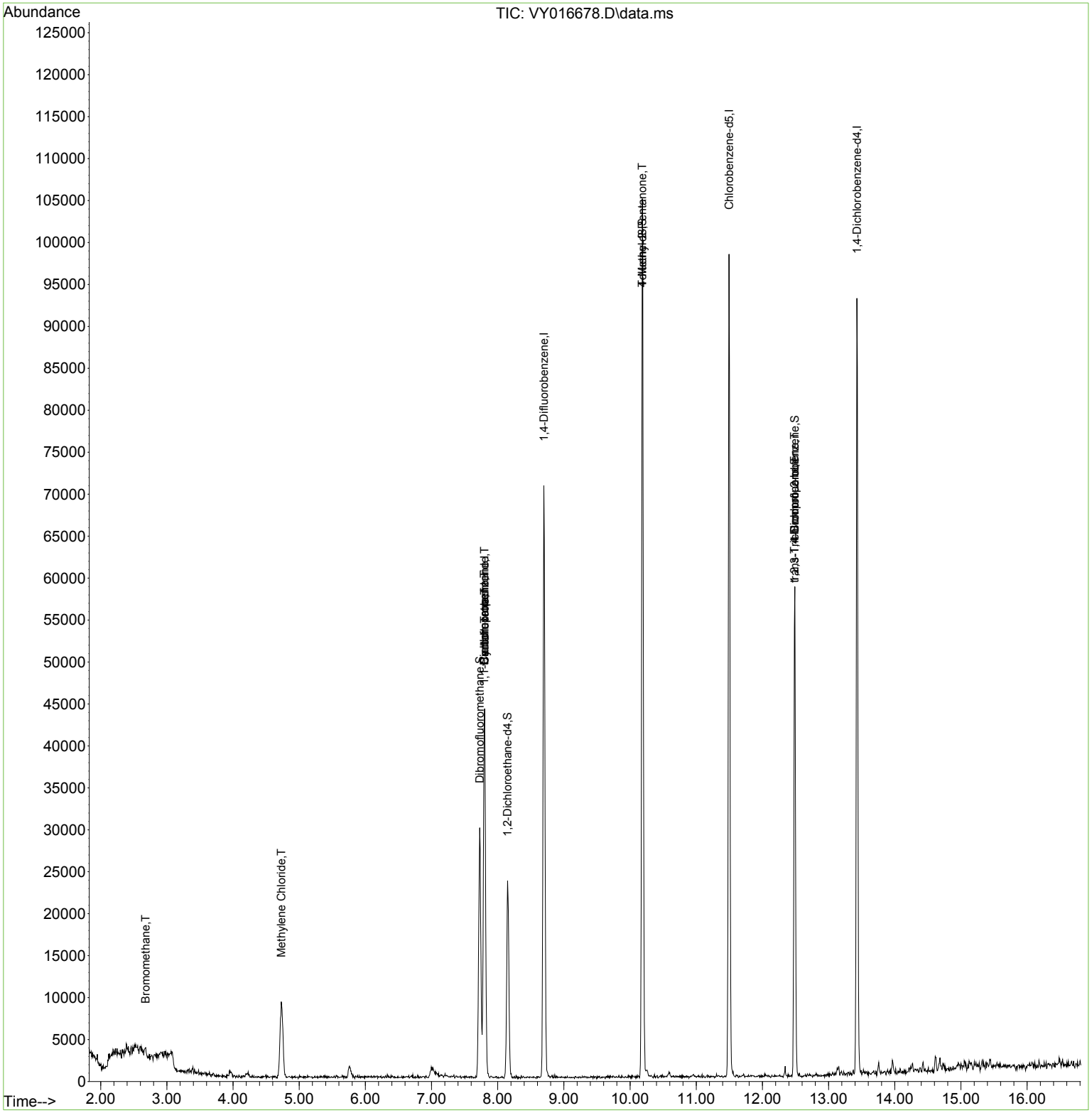
(#) = qualifier out of range (m) = manual integration (+) = signals summed

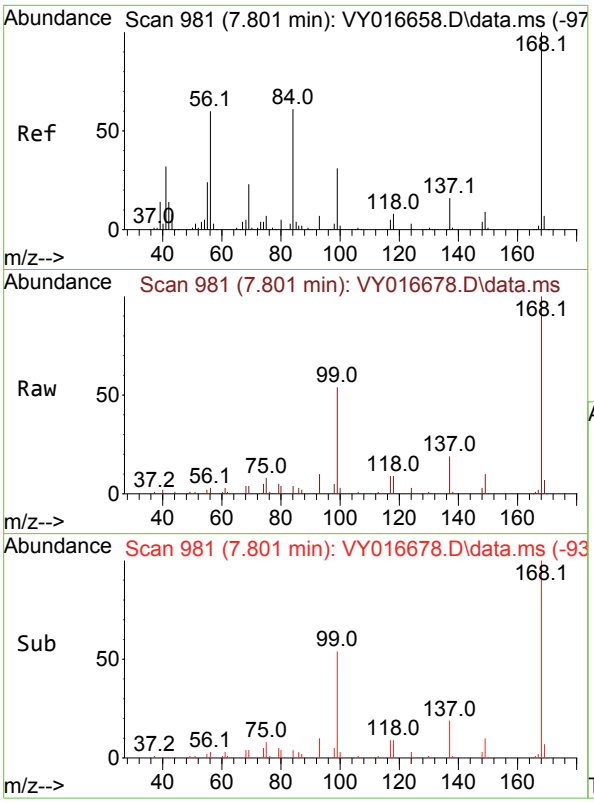
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
Data File : VY016678.D
Acq On : 16 Dec 2023 18:47
Operator : SY/MD
Sample : 05765-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 18 00:43:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration



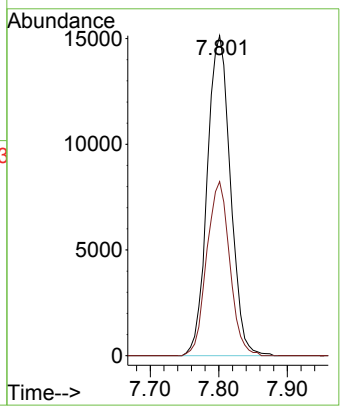


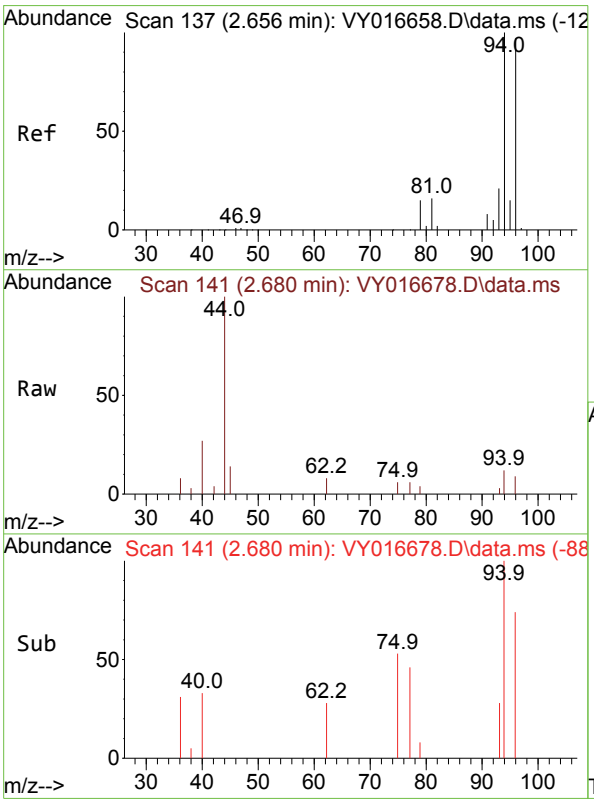
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 35574

Ion	Ratio	Lower	Upper
168	100		
99	54.4	43.4	65.0

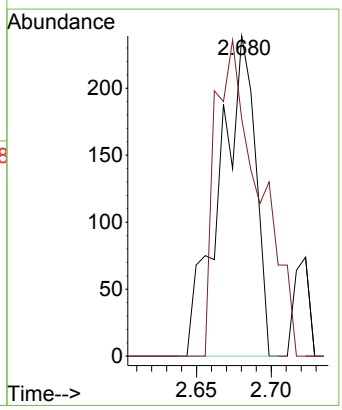


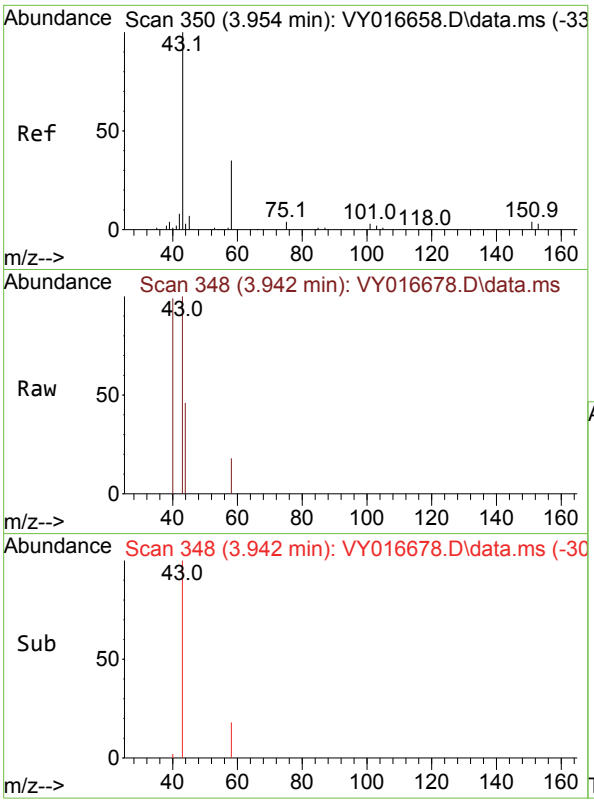


#5
Bromomethane
Concen: 1.118 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.025 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 94 Resp: 397

Ion	Ratio	Lower	Upper
94	100		
96	74.1	75.8	113.6#



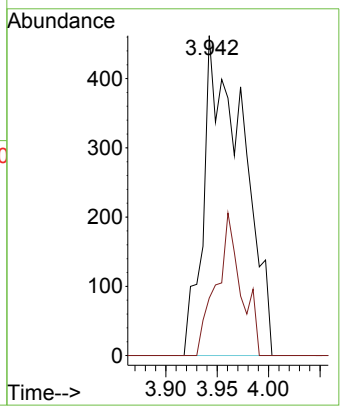


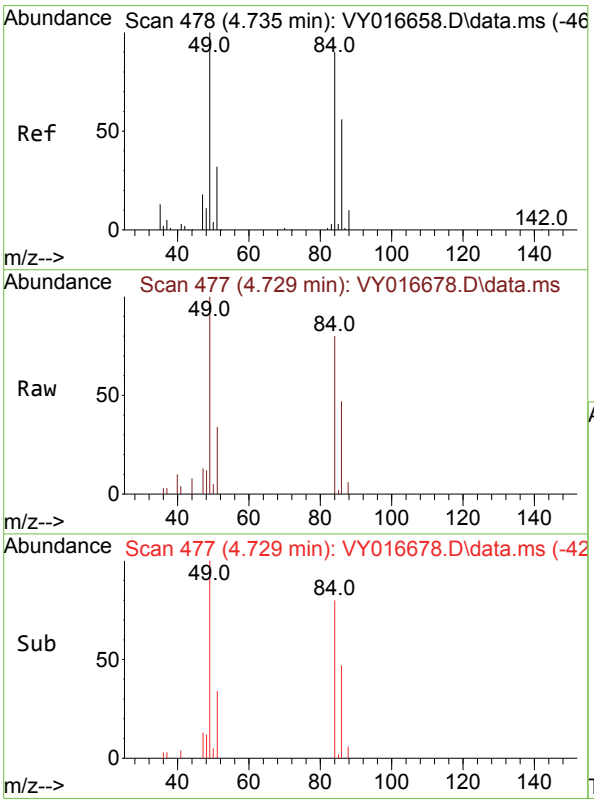
#16
Acetone
Concen: Below Cal
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1234

Ion	Ratio	Lower	Upper
43	100		
58	18.0	22.7	34.1#

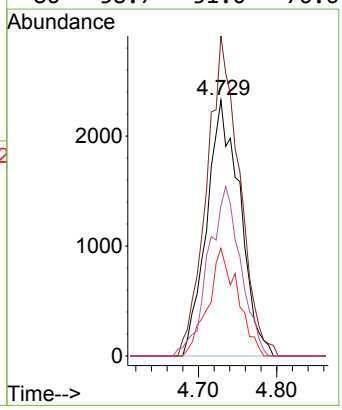


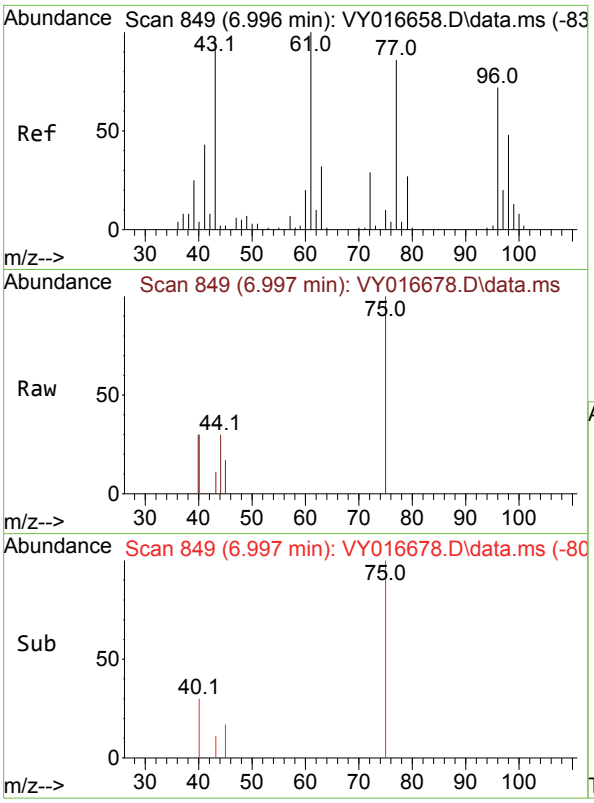


#20
Methylene Chloride
Concen: 15.104 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 84 Resp: 6846

Ion	Ratio	Lower	Upper
84	100		
49	125.1	106.9	160.3
51	42.1	33.2	49.8
86	58.7	51.0	76.6



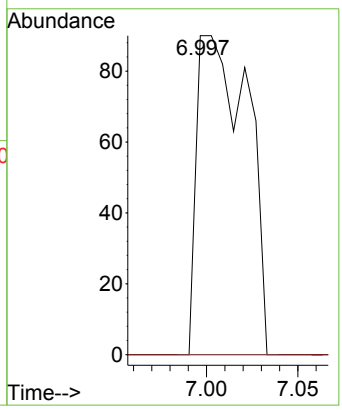


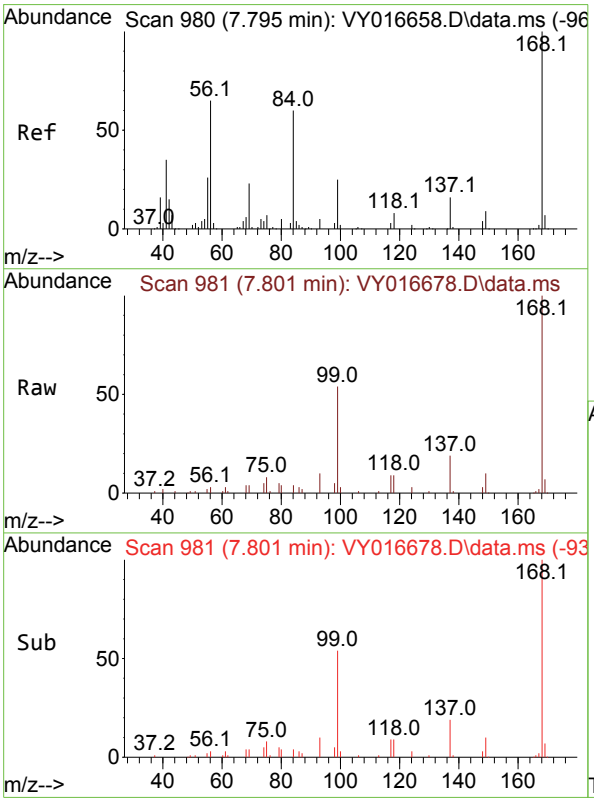
#25
2-Butanone
Concen: Below Cal
RT: 6.997 min Scan# 84
Delta R.T. 0.001 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 173

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

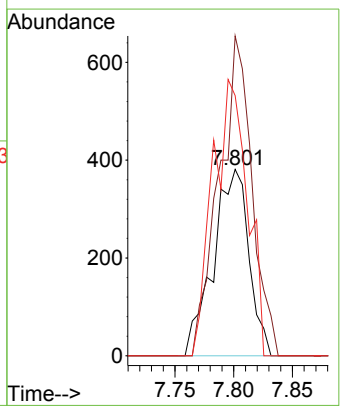


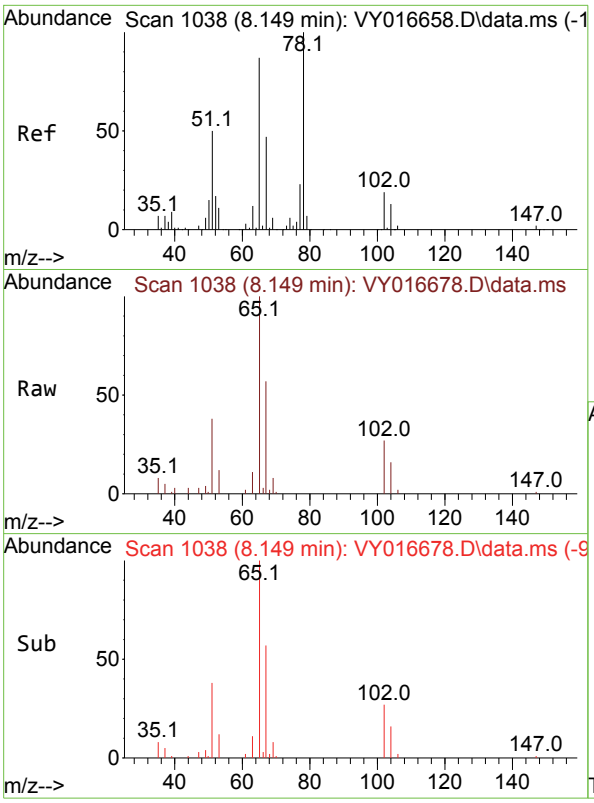


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 56 Resp: 806

Ion	Ratio	Lower	Upper
56	100		
69	171.7	27.8	41.6#
84	139.6	66.4	99.6#



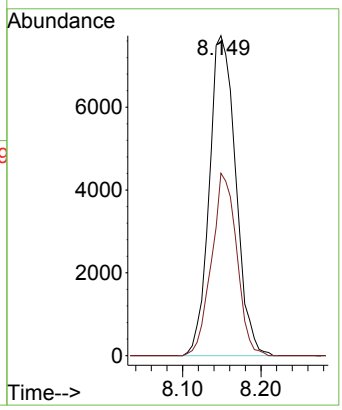


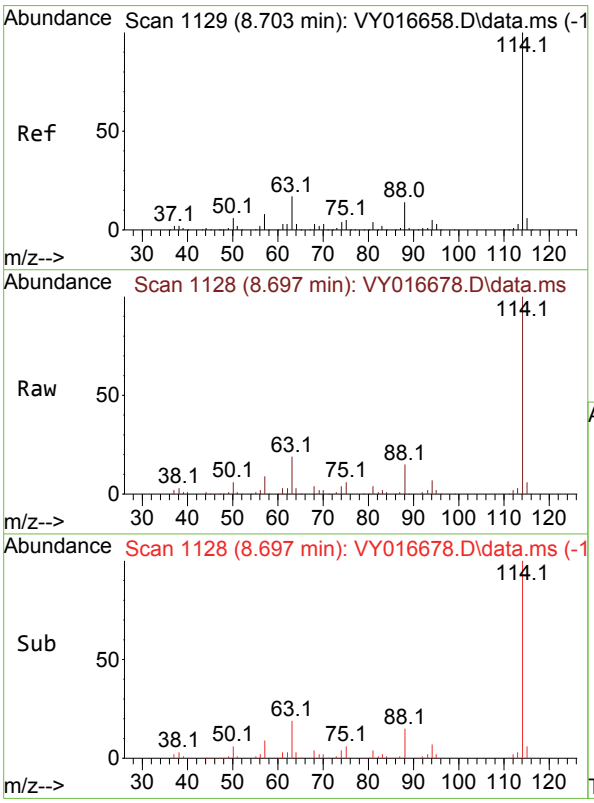
#33
1,2-Dichloroethane-d4
Concen: 62.161 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 18098

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	101.8

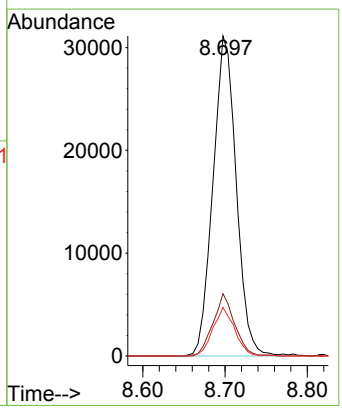


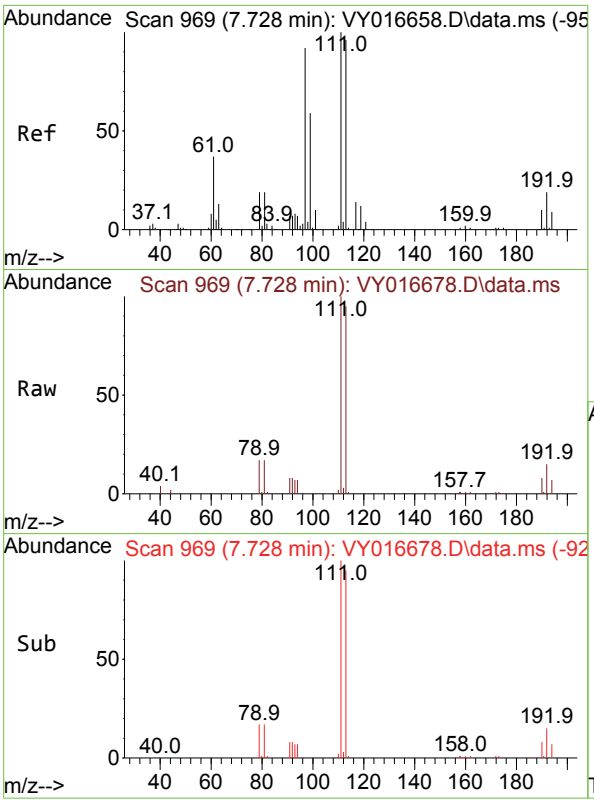


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion:114 Resp: 61156

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	15.2	0.0	30.6



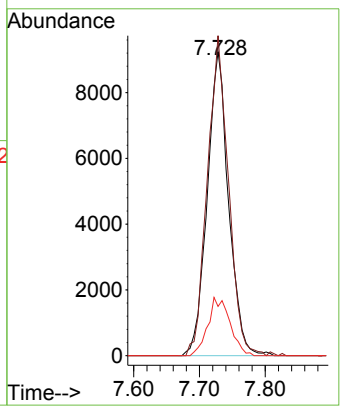


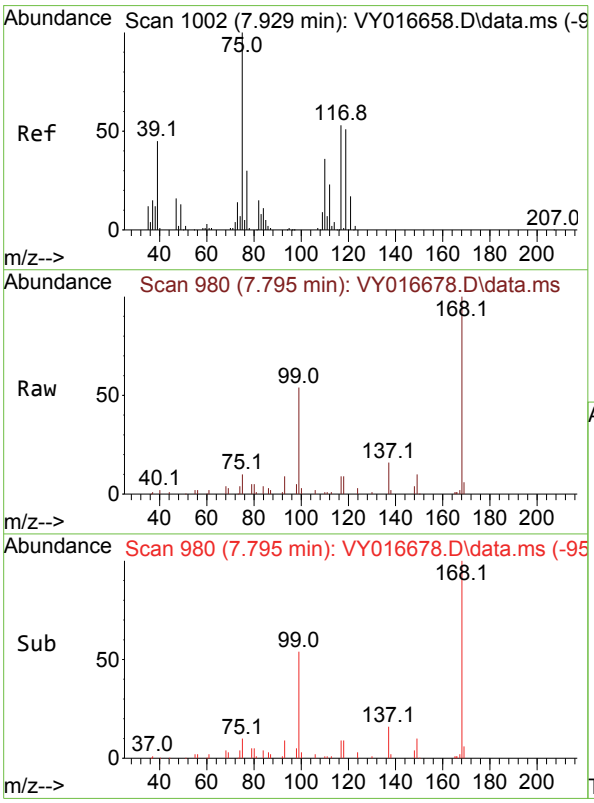
#35
Dibromofluoromethane
Concen: 63.725 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 20904

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.3	121.9
192	19.9	16.9	25.3

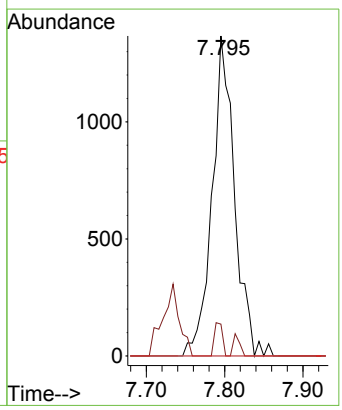


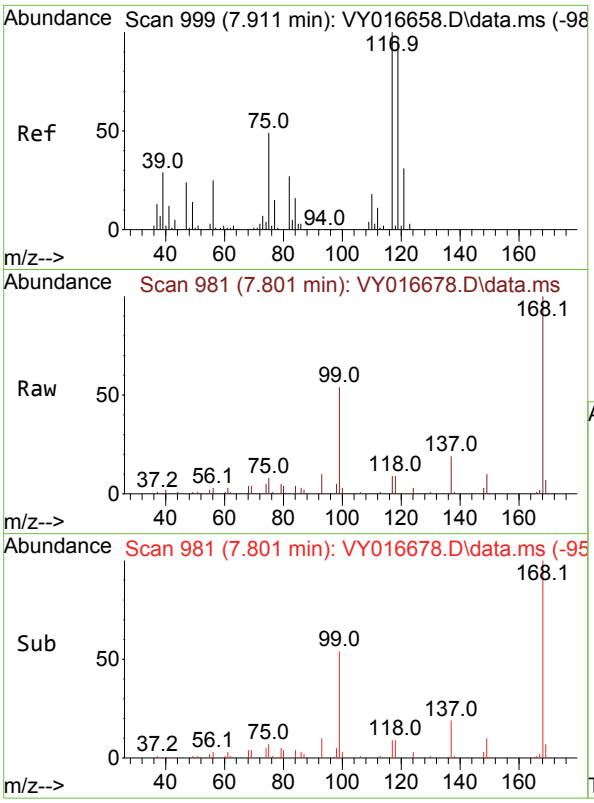


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 75 Resp: 2717

Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.8	53.5#
77	0.0	24.4	36.6#



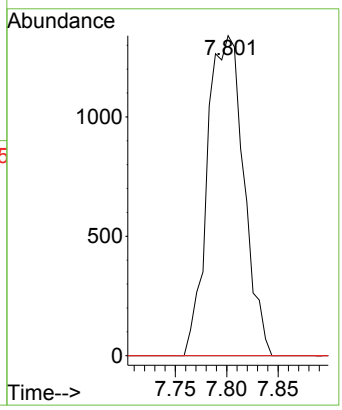


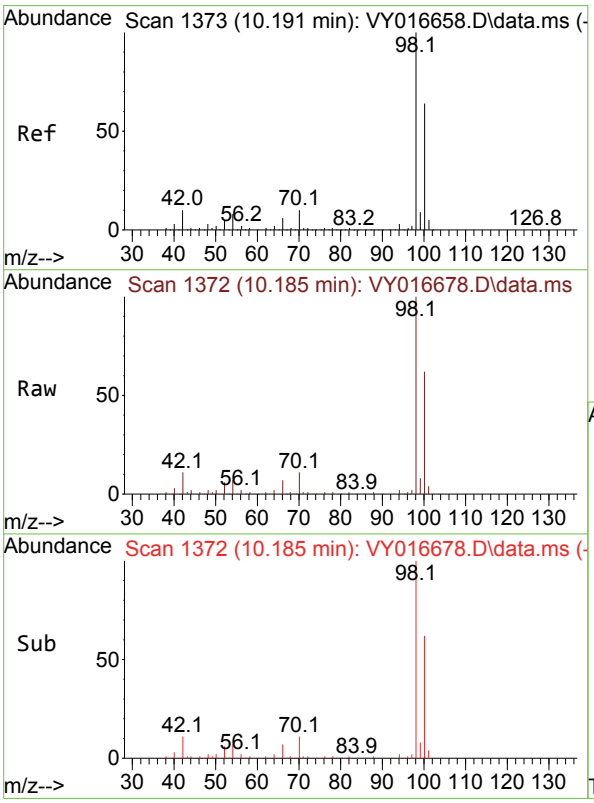
#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 7.801 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3287

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

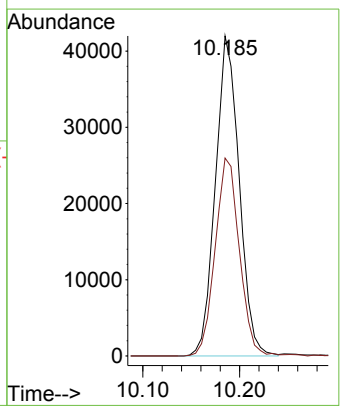


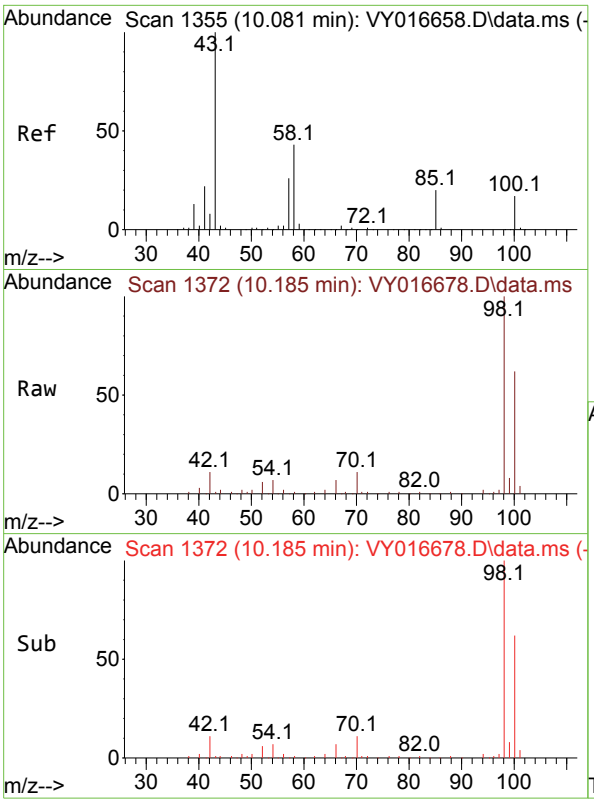


#50
Toluene-d8
Concen: 55.166 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 98 Resp: 71637

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.1	75.1



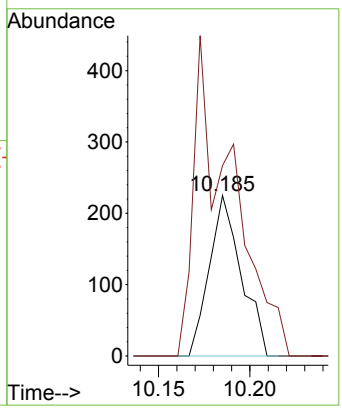


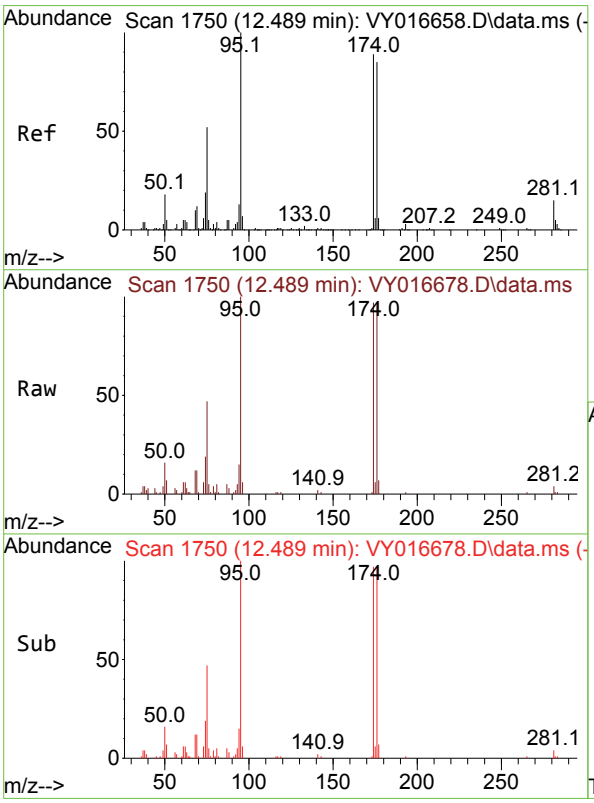
#51
4-Methyl-2-Pentanone
Concen: 1.270 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 274

Ion	Ratio	Lower	Upper
43	100		
58	234.3	29.0	43.6#

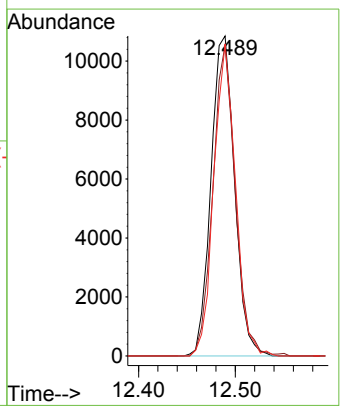


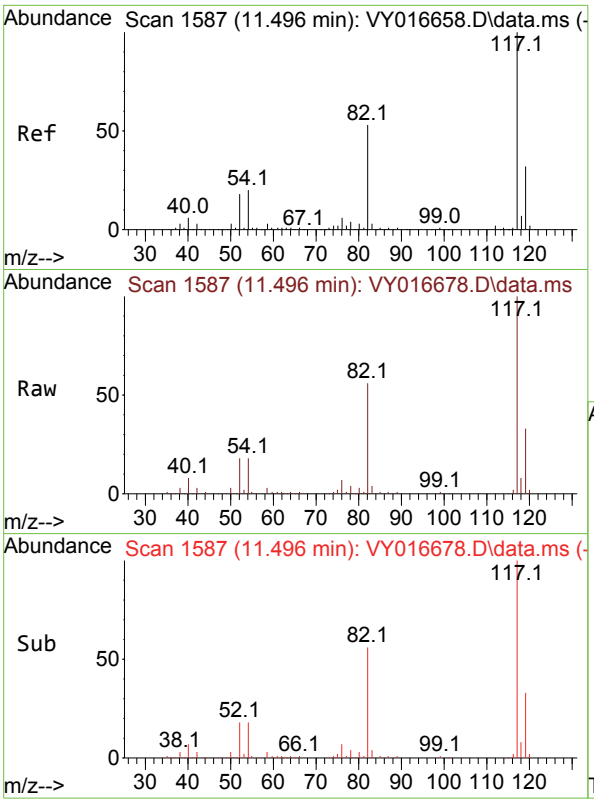


#62
4-Bromofluorobenzene
Concen: 43.833 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 95 Resp: 18427

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	178.2
176	89.4	0.0	173.8



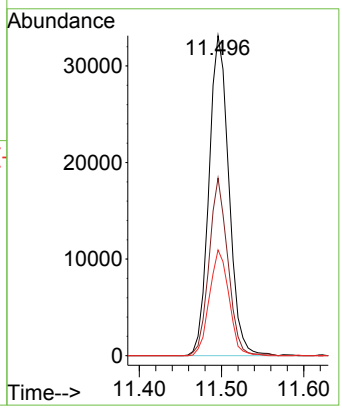


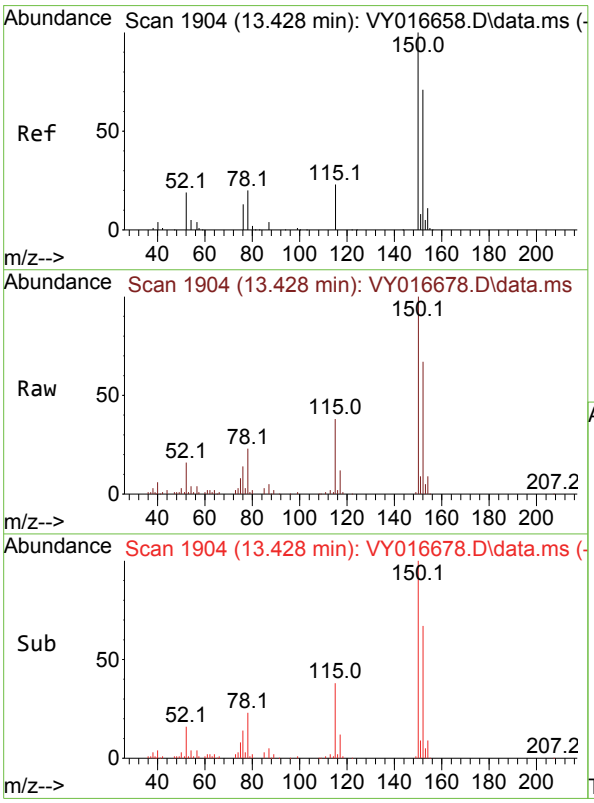
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 55843

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.4	65.0
119	33.1	26.3	39.5

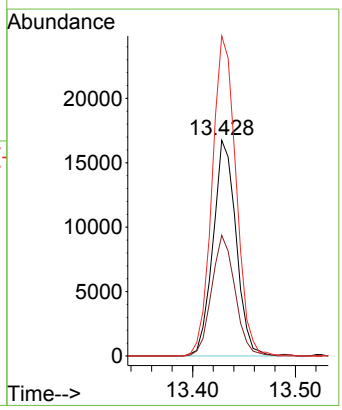


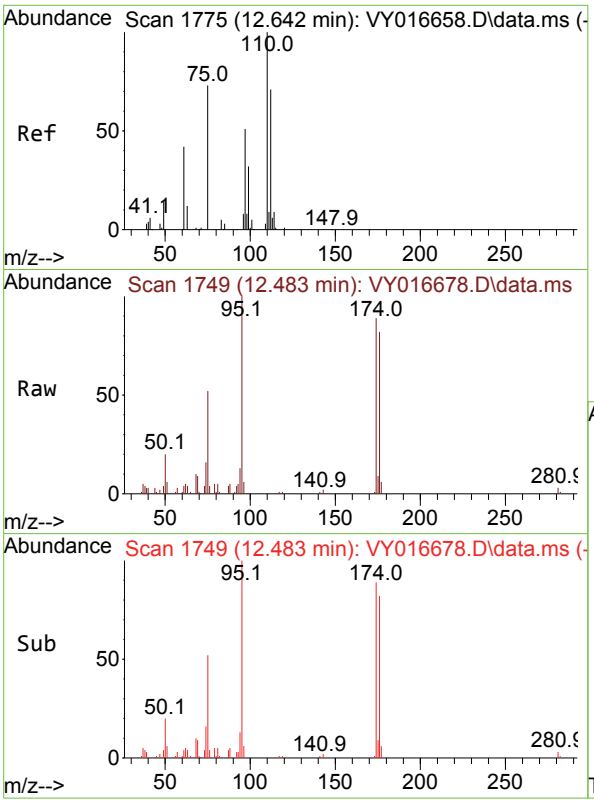


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion:152 Resp: 26095

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.8	86.5
150	153.7	0.0	348.8



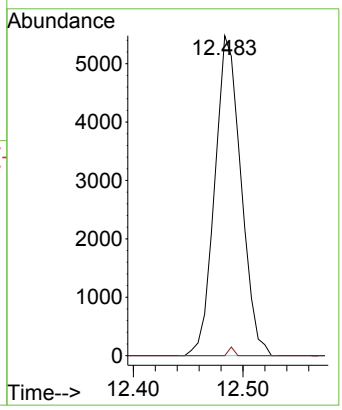


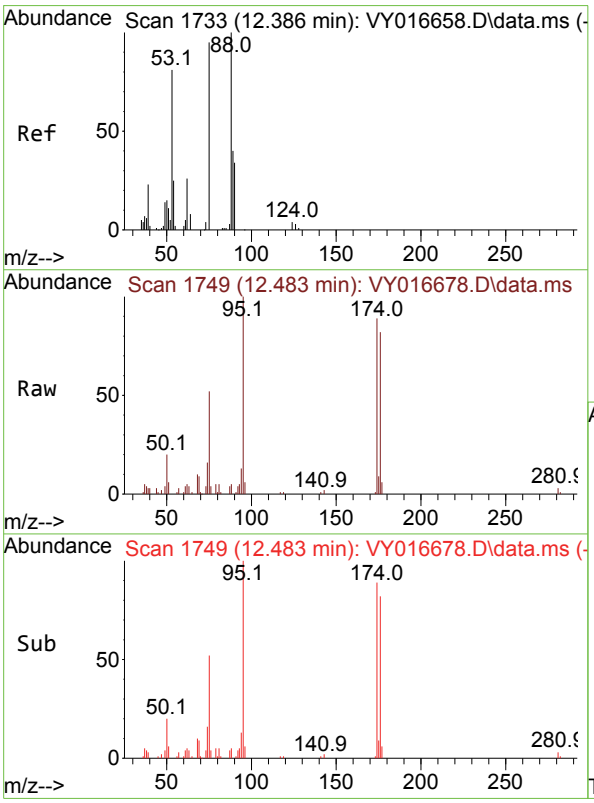
#76
1,2,3-Trichloropropane
Concen: 38.063 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.158 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Instrument :
MSVOA_Y
ClientSampleId :

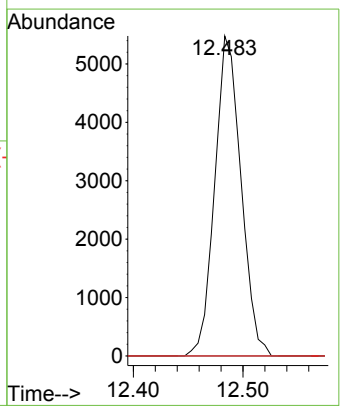
Tgt Ion: 75 Resp: 9098

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.981 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 75 Resp: 9098

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