Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
Data File : VY016562.D
Acq On : 01 Dec 2023 15:49
Operator : SY/MD
Sample : 05590-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 01 23:38:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.813	168	23425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	35692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	29544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	8397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	9829	53.110	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.220%			
35) Dibromofluoromethane	7.740	113	10737	51.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.520%			
50) Toluene-d8	10.197	98	40629	50.006	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.501	95	9407	36.908	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 73.820%			
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	573	Below Cal	#	43
36) 1,1-Dichloropropene	7.807	75	1548	5.004	ug/l #	45
38) Carbon Tetrachloride	7.807	117	2253	6.205	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	4350	61.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	4350	134.563	ug/l #	10
95) Naphthalene	15.257	128	67	5.162	ug/l #	69

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

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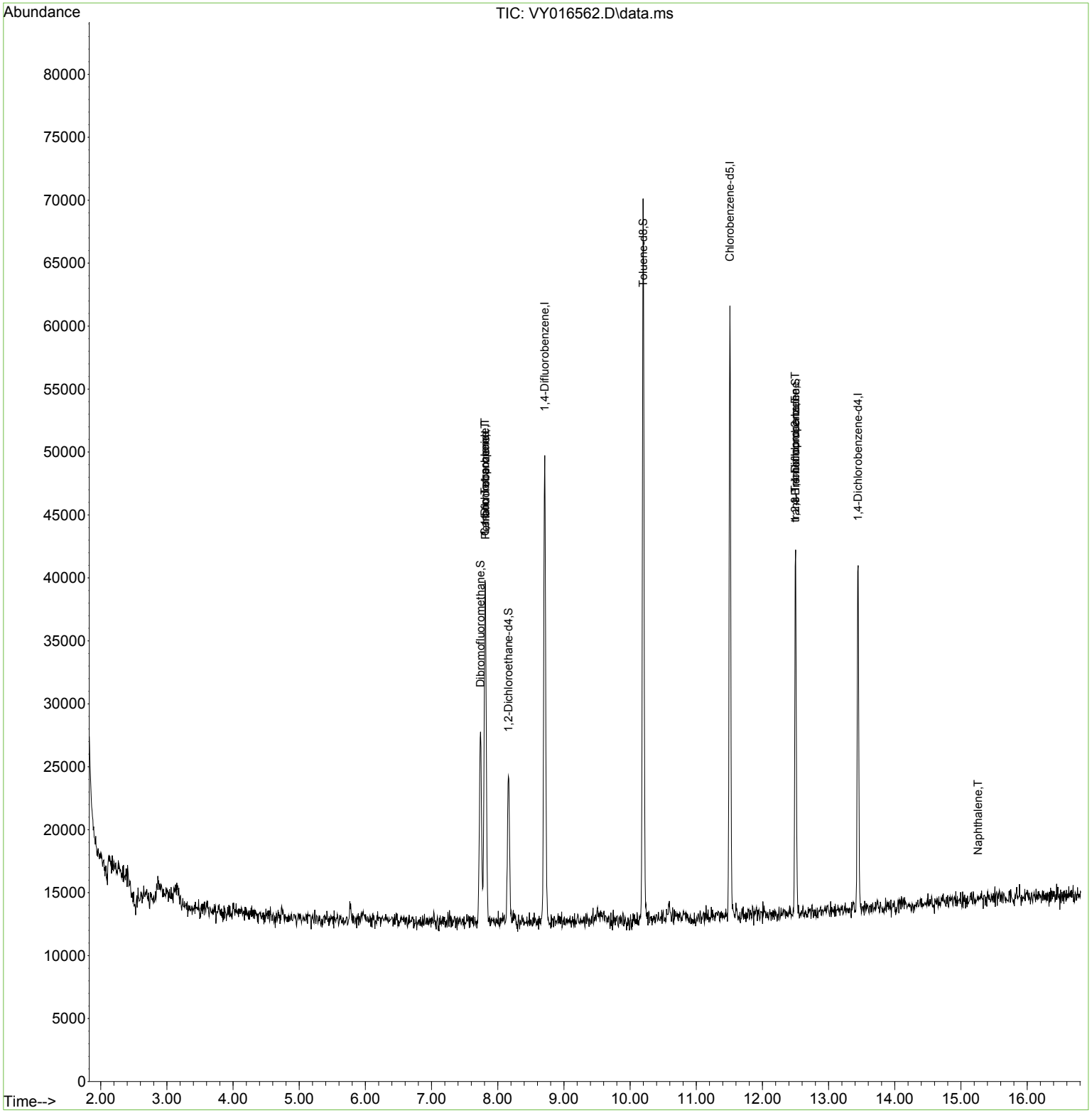
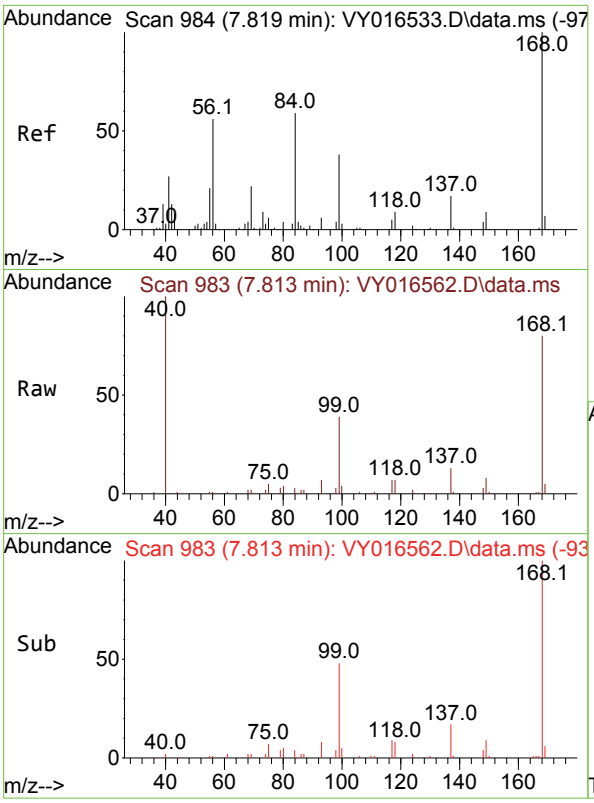


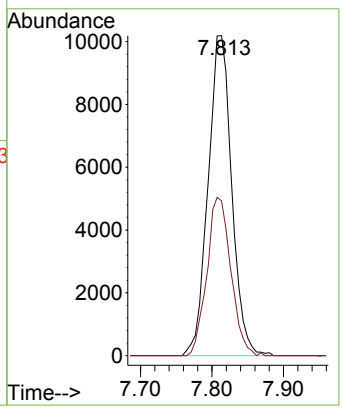


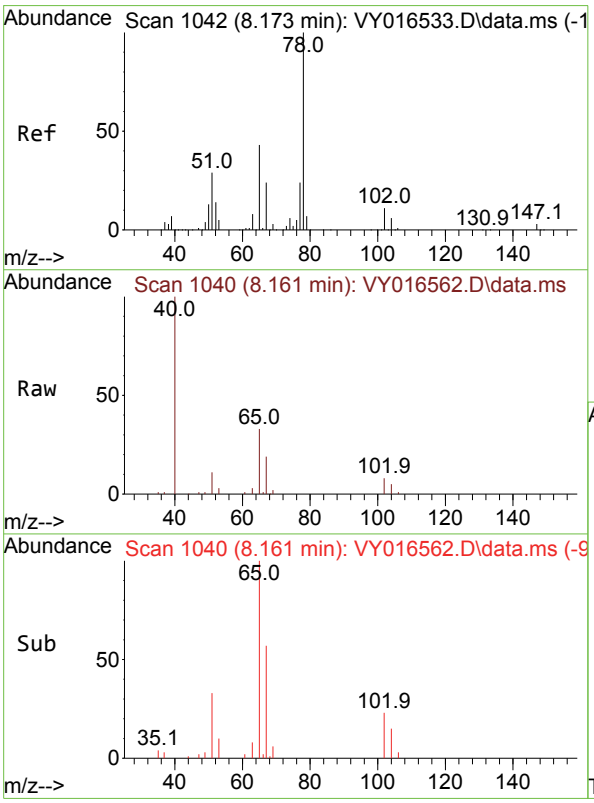
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 23425

Ion	Ratio	Lower	Upper
168	100		
99	48.4	43.4	65.0

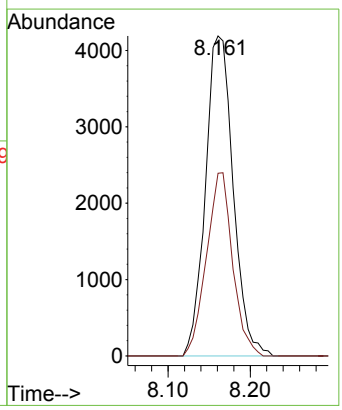


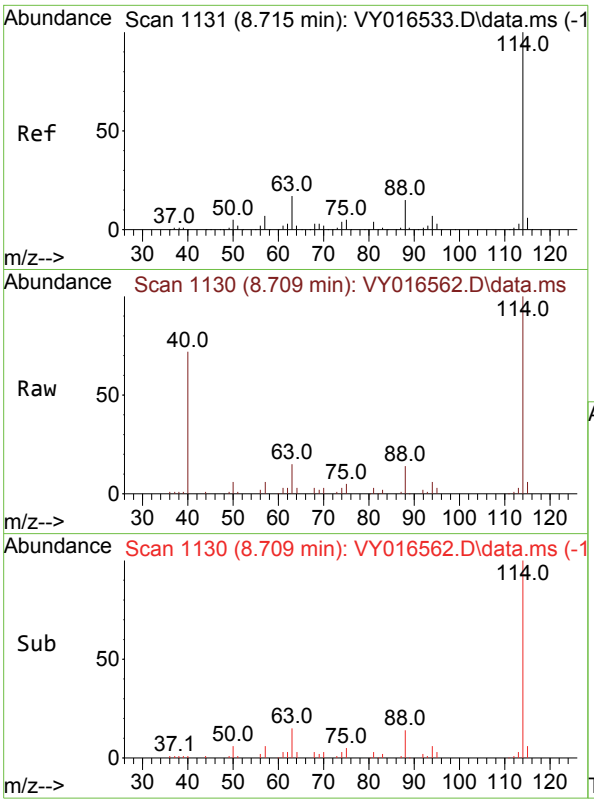


#33
1,2-Dichloroethane-d4
Concen: 53.110 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion: 65 Resp: 9829

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	101.8



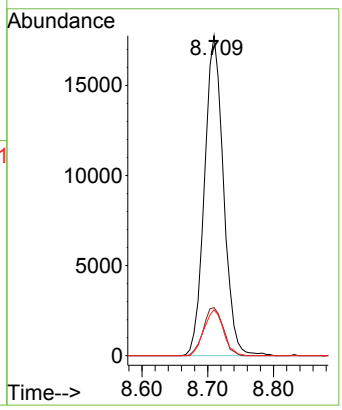


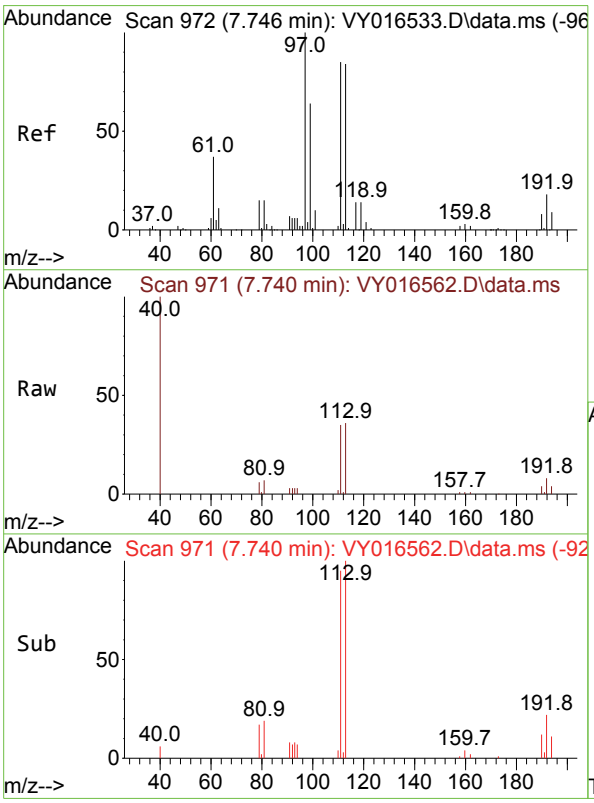
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 35692

Ion	Ratio	Lower	Upper
114	100		
63	15.0	0.0	42.4
88	14.3	0.0	30.6

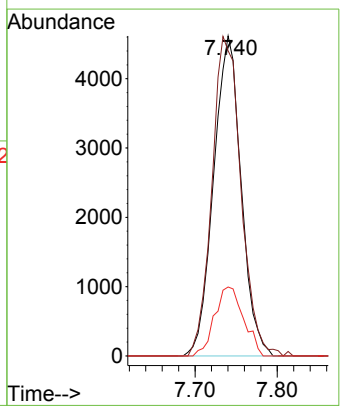


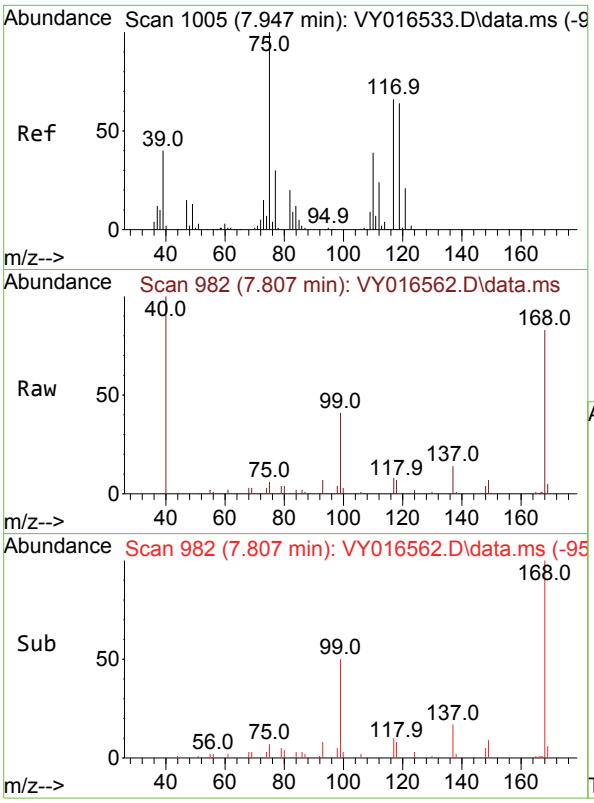


#35
Dibromofluoromethane
Concen: 51.256 ug/l
RT: 7.740 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion:113 Resp: 10737

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.3	121.9
192	22.6	16.9	25.3



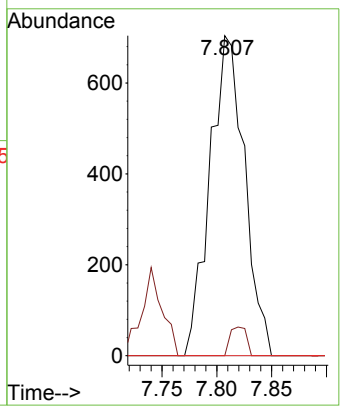


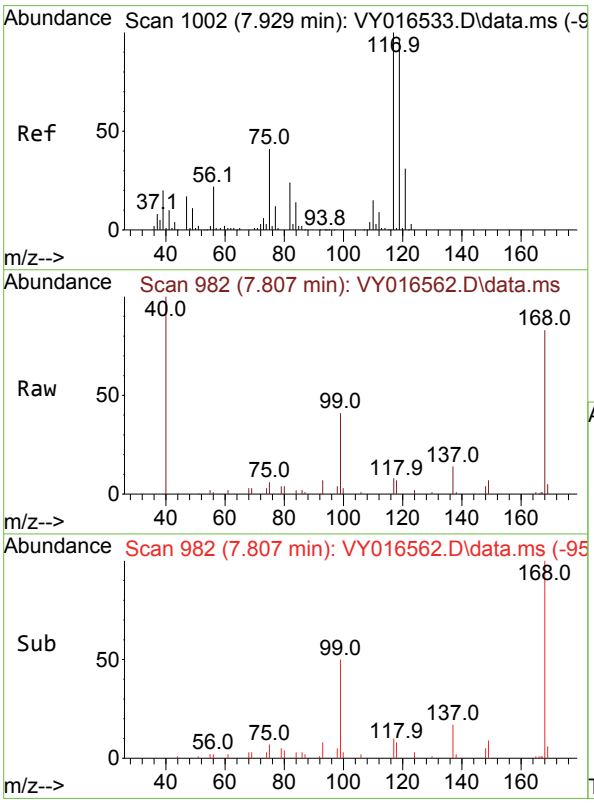
#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 7.807 min Scan# 9
Delta R.T. -0.140 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1548

Ion	Ratio	Lower	Upper
75	100		
110	4.3	17.8	53.5#
77	0.0	24.4	36.6#

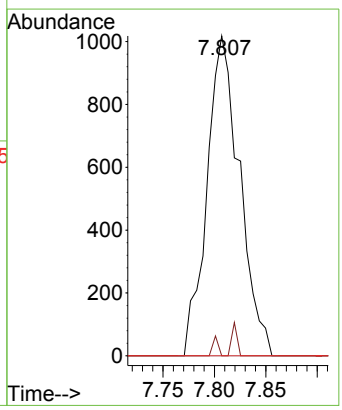


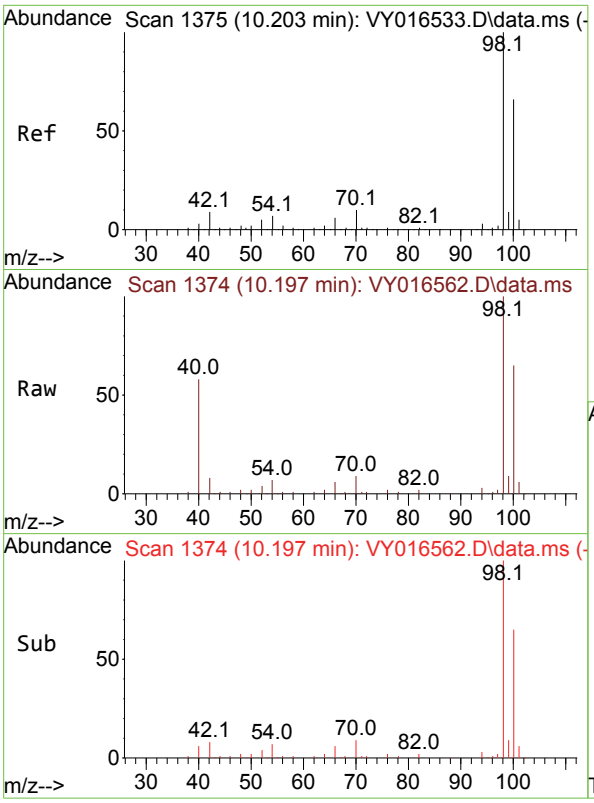


#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion:117 Resp: 2253

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



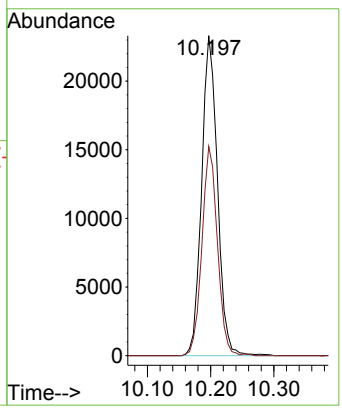


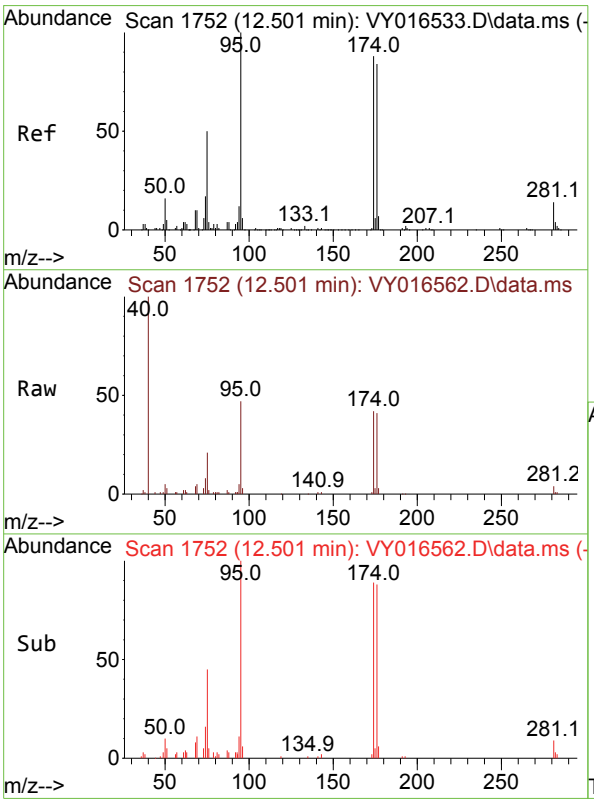
#50
Toluene-d8
Concen: 50.006 ug/l
RT: 10.197 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 40629

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.1	75.1

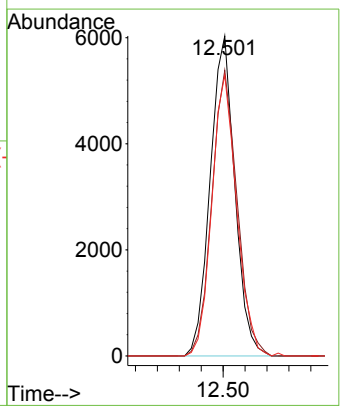


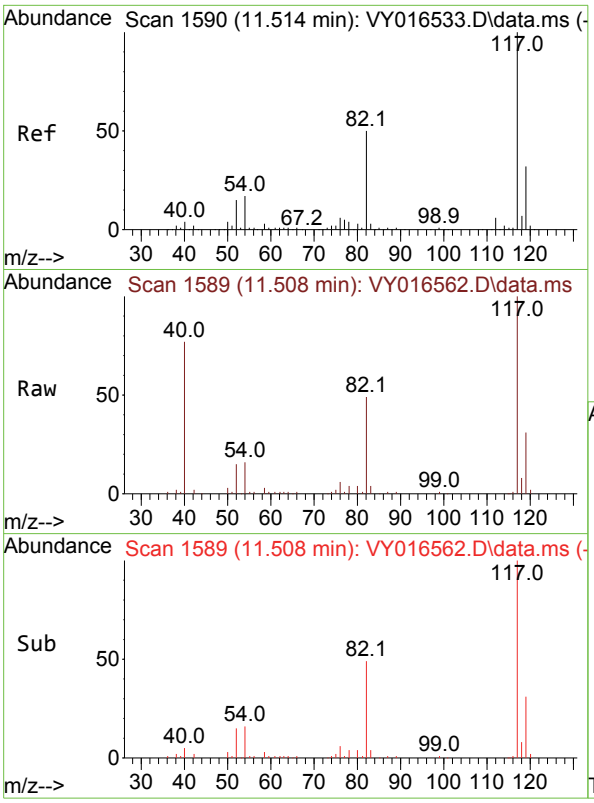


#62
4-Bromofluorobenzene
Concen: 36.908 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion: 95 Resp: 9407

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	178.2
176	88.7	0.0	173.8



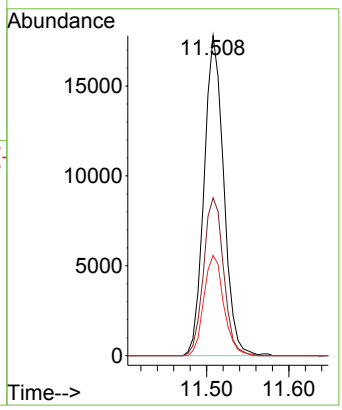


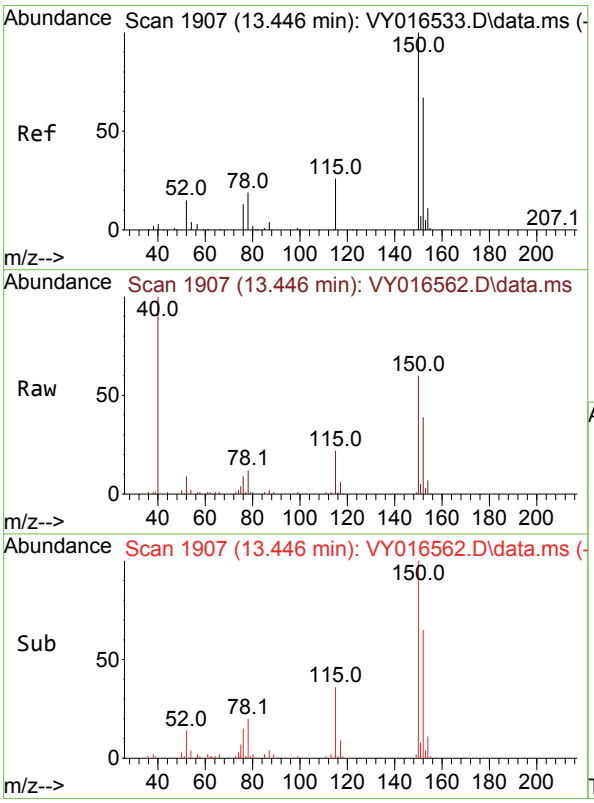
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 29544

Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.4	65.0
119	31.3	26.3	39.5

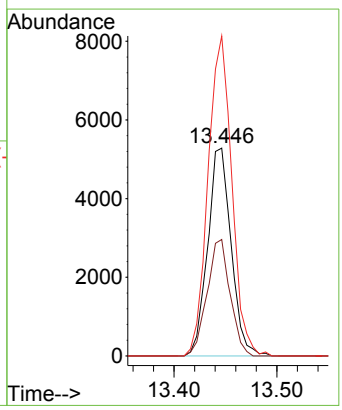


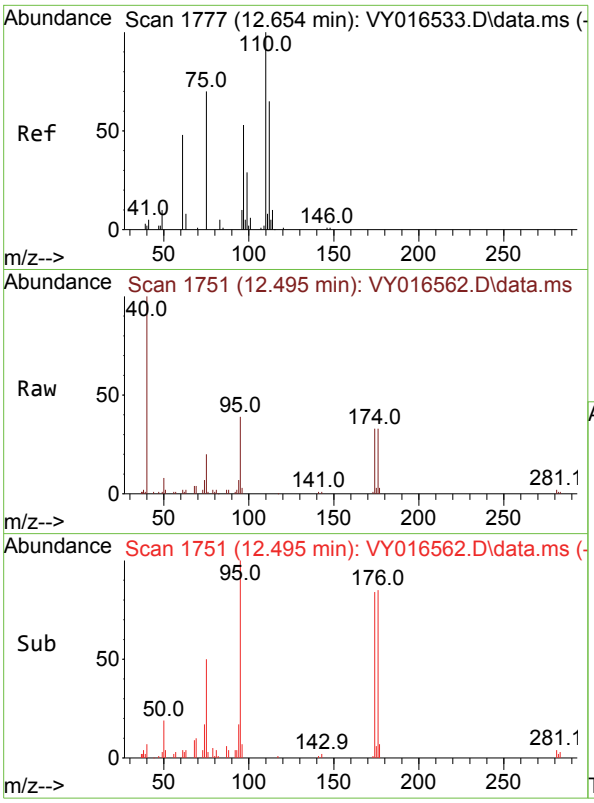


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion:152 Resp: 8397

Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.8	86.5
150	156.0	0.0	348.8



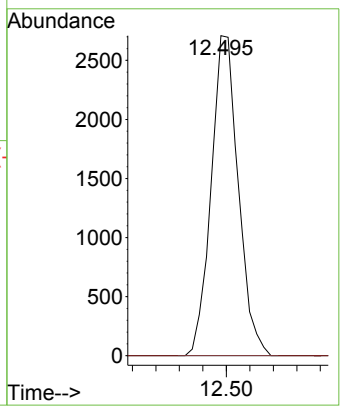


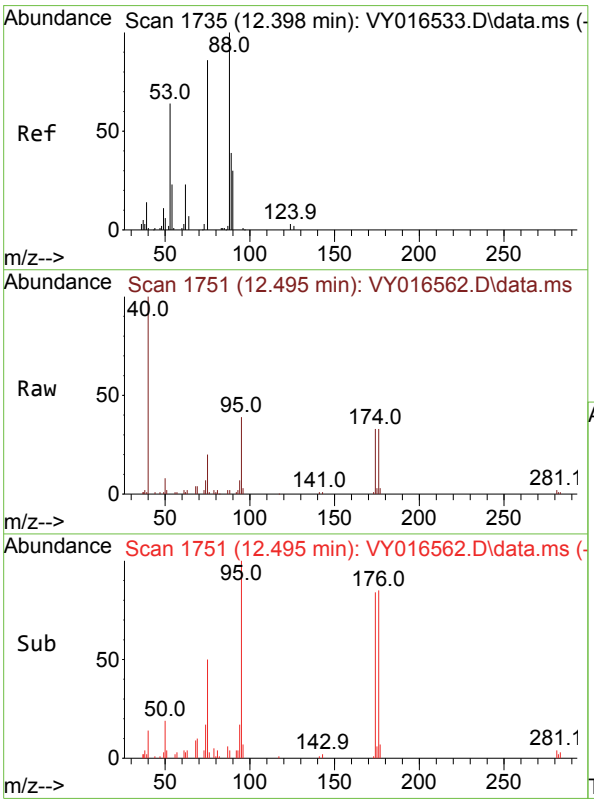
#76
1,2,3-Trichloropropane
Concen: 61.699 ug/l
RT: 12.495 min Scan# 1
Delta R.T. -0.158 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4350

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

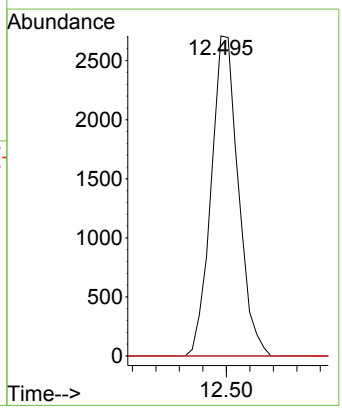


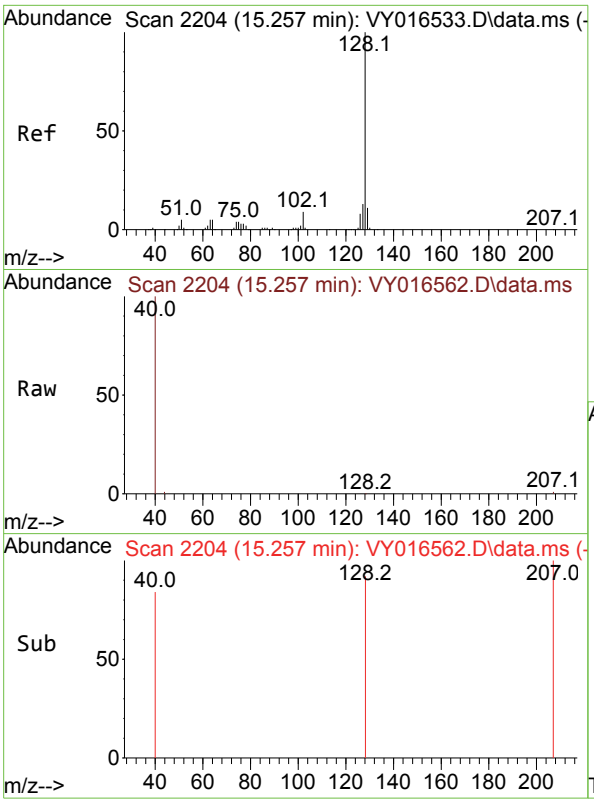


#81
trans-1,4-Dichloro-2-butene
Concen: 134.563 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.098 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Tgt Ion: 75 Resp: 4350

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





#95
Naphthalene
Concen: 5.162 ug/l
RT: 15.257 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY016562.D
Acq: 01 Dec 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 67

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