Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016409.D
Acq On : 17 Nov 2023 14:55
Operator : SY/MD
Sample : 05446-03RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 18 05:19:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

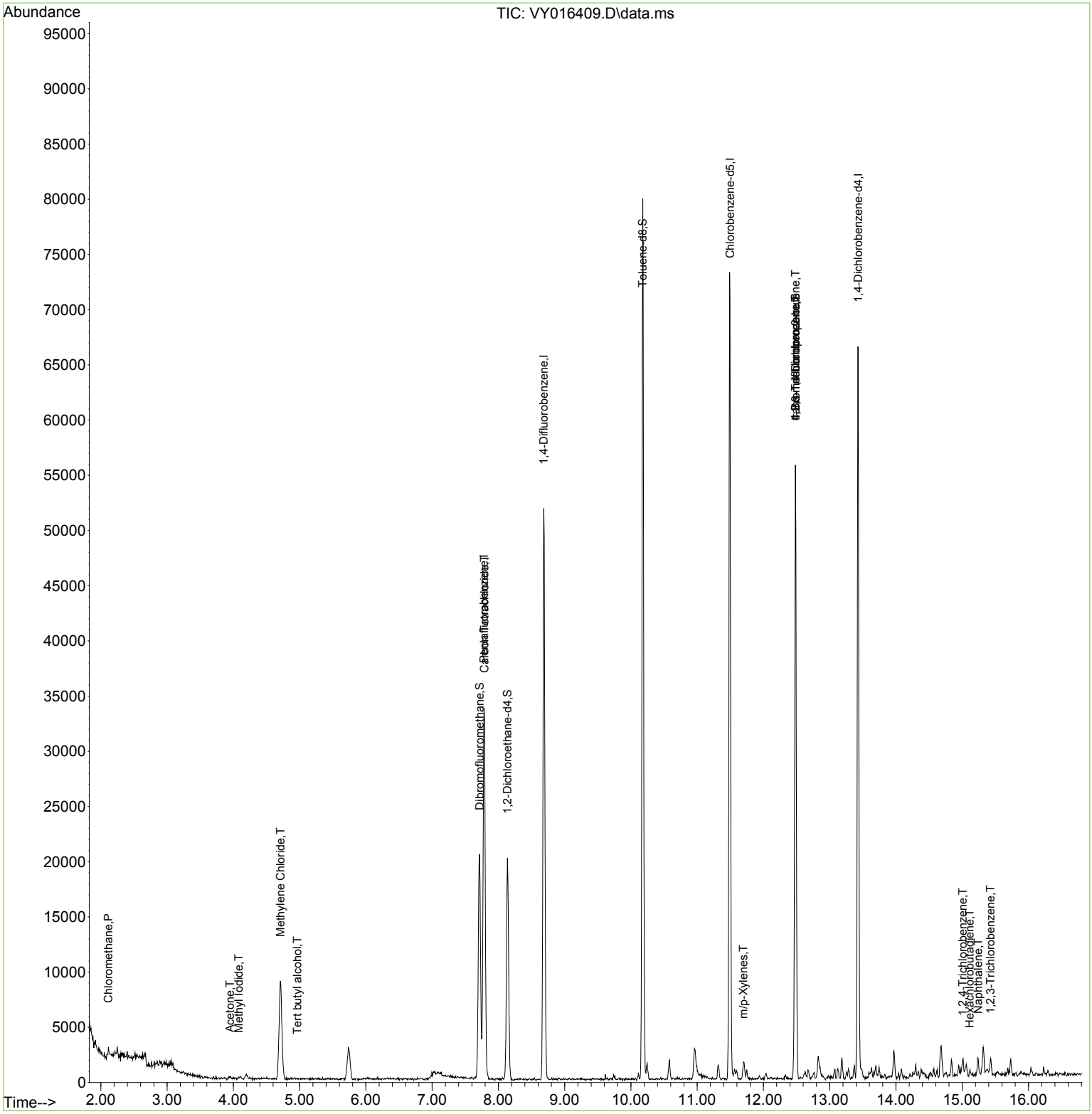
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	27860	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.685	114	46396	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	40954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	15852	62.255	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.520%			
35) Dibromofluoromethane	7.716	113	15186	57.619	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.240%			
50) Toluene-d8	10.179	98	52924	49.518	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.483	95	16342	47.078	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.160%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	324	1.014	ug/l #	80
10) Methyl Iodide	4.082	142	352	1.083	ug/l #	38
11) Tert butyl alcohol	4.966	59	22	1.103	ug/l #	89
16) Acetone	3.948	43	262	6.220	ug/l #	46
20) Methylene Chloride	4.710	84	7111	21.946	ug/l #	83
38) Carbon Tetrachloride	7.789	117	2635	5.548	ug/l #	17
68) m/p-Xylenes	11.697	106	703	1.179	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	7908	48.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7908	104.274	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.007	180	581	1.922	ug/l	89
94) Hexachlorobutadiene	15.111	225	186	1.074	ug/l #	27
95) Naphthalene	15.239	128	1690	3.127	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	638	2.552	ug/l #	89

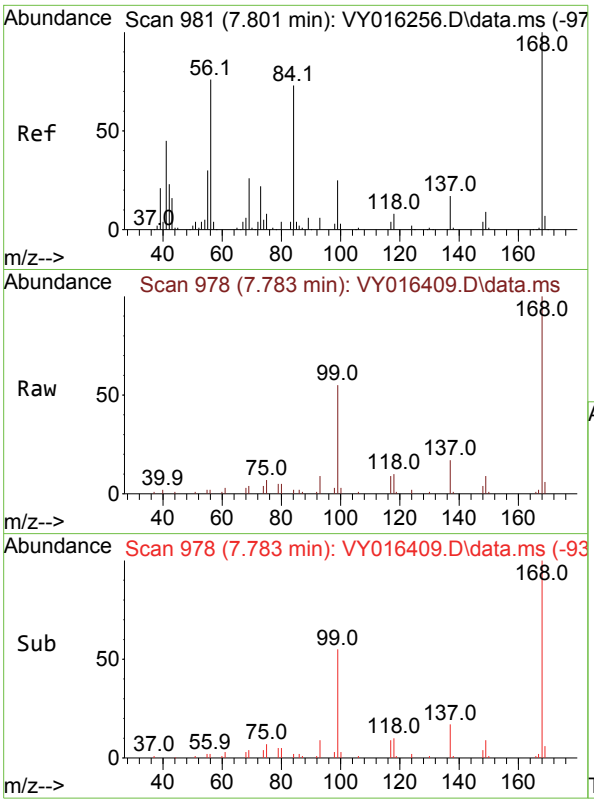
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016409.D
Acq On : 17 Nov 2023 14:55
Operator : SY/MD
Sample : 05446-03RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 18 05:19:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



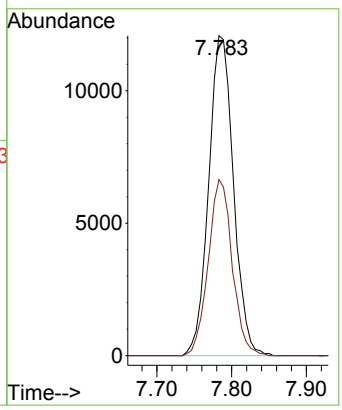


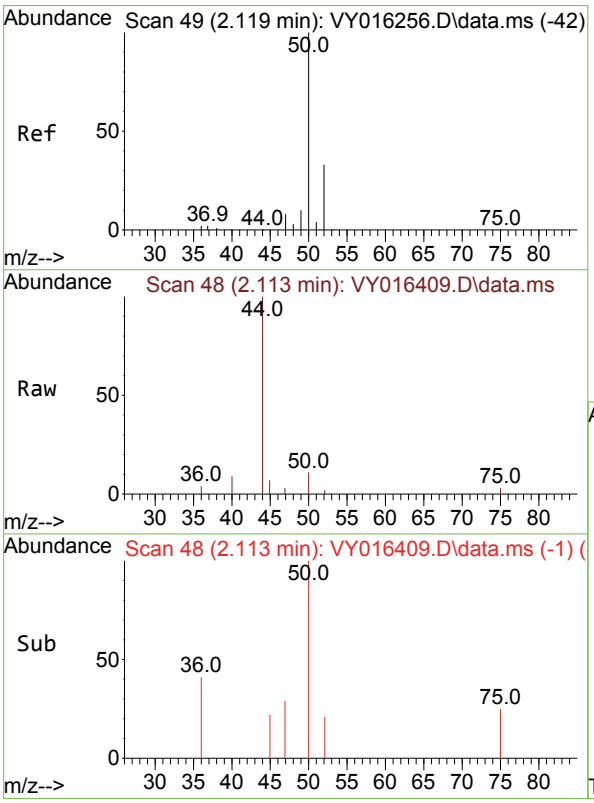
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 27860

Ion	Ratio	Lower	Upper
168	100		
99	55.0	43.4	65.0

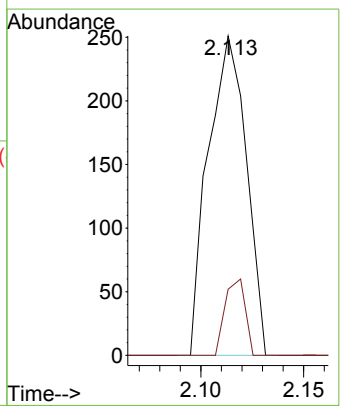


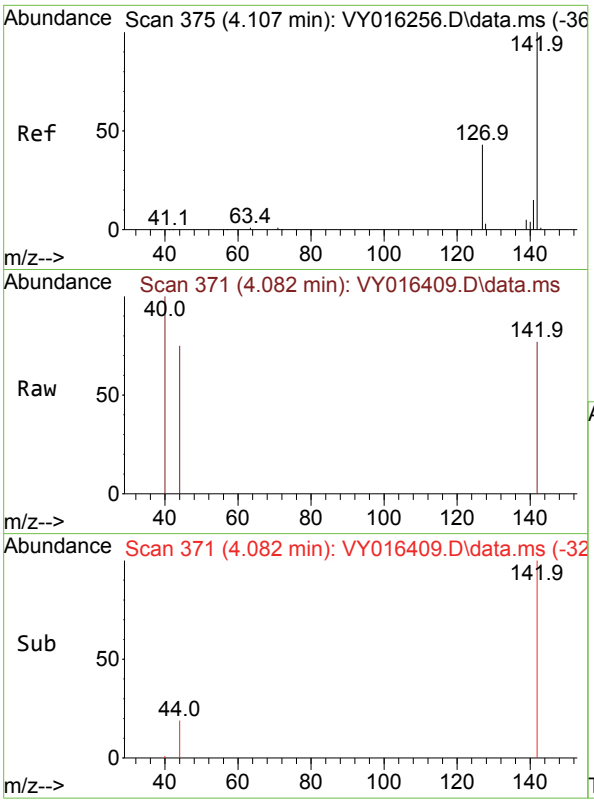


#3
Chloromethane
Concen: 1.014 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 50 Resp: 324

Ion	Ratio	Lower	Upper
50	100		
52	20.7	25.4	38.2#



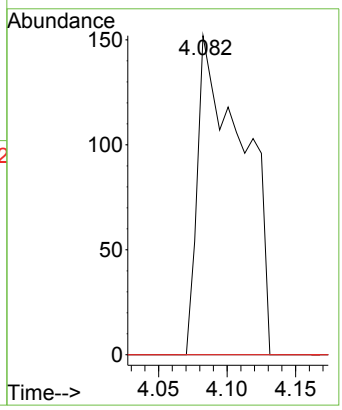


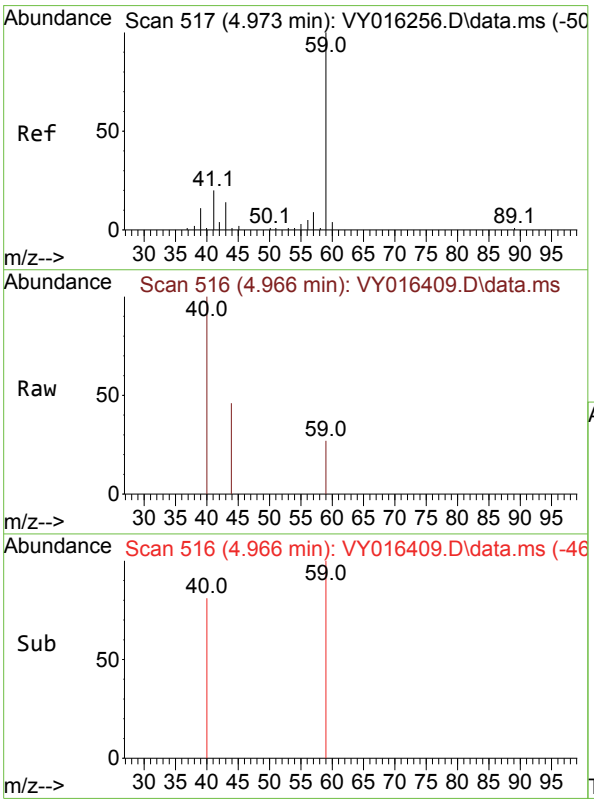
#10
Methyl Iodide
Concen: 1.083 ug/l
RT: 4.082 min Scan# 3
Delta R.T. -0.024 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 352

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

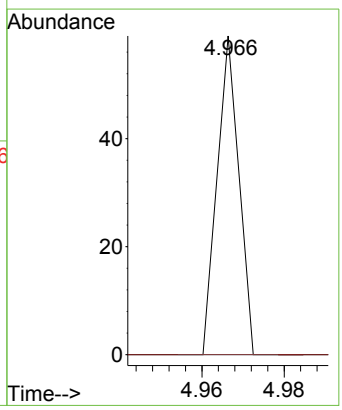


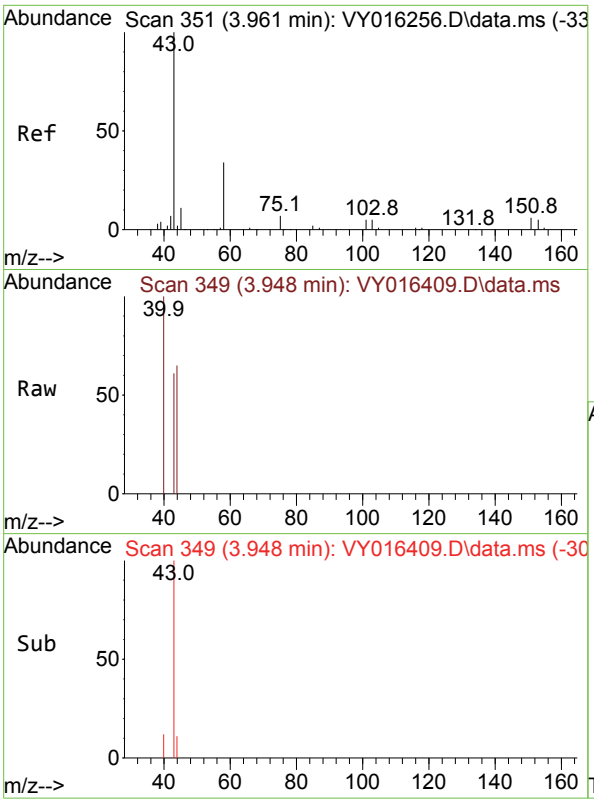


#11
Tert butyl alcohol
Concen: 1.103 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 59 Resp: 22

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.0	4.4#



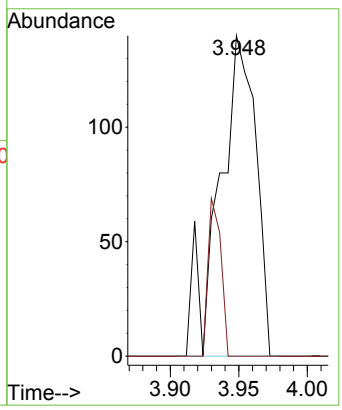


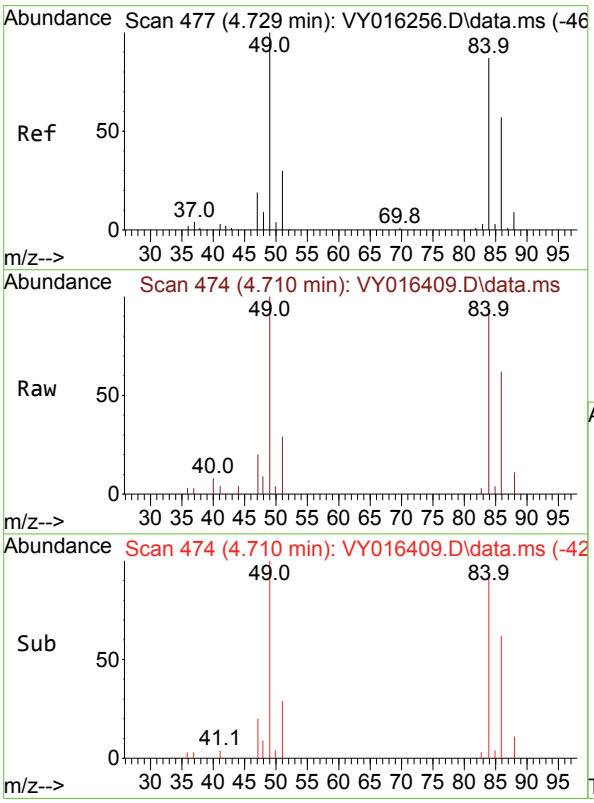
#16
Acetone
Concen: 6.220 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 262

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#

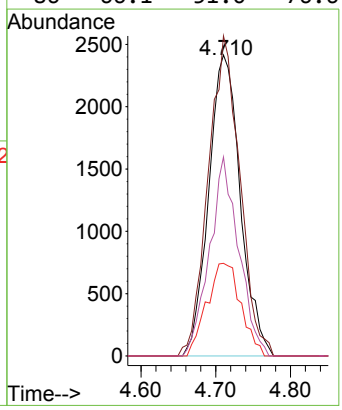


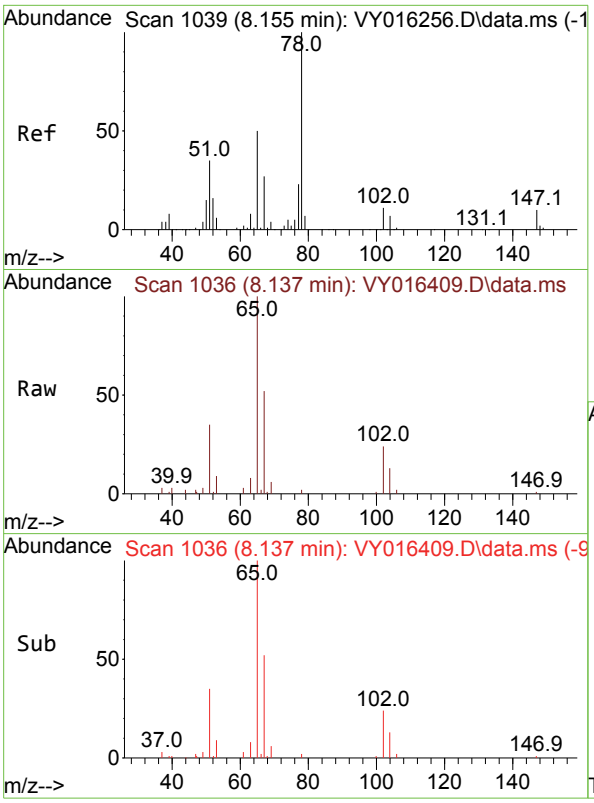


#20
Methylene Chloride
Concen: 21.946 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 84 Resp: 7111

Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.9	160.3#
51	30.8	33.2	49.8#
86	66.1	51.0	76.6



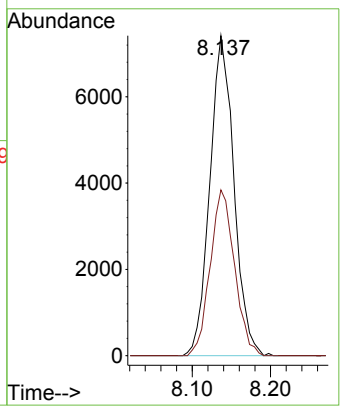


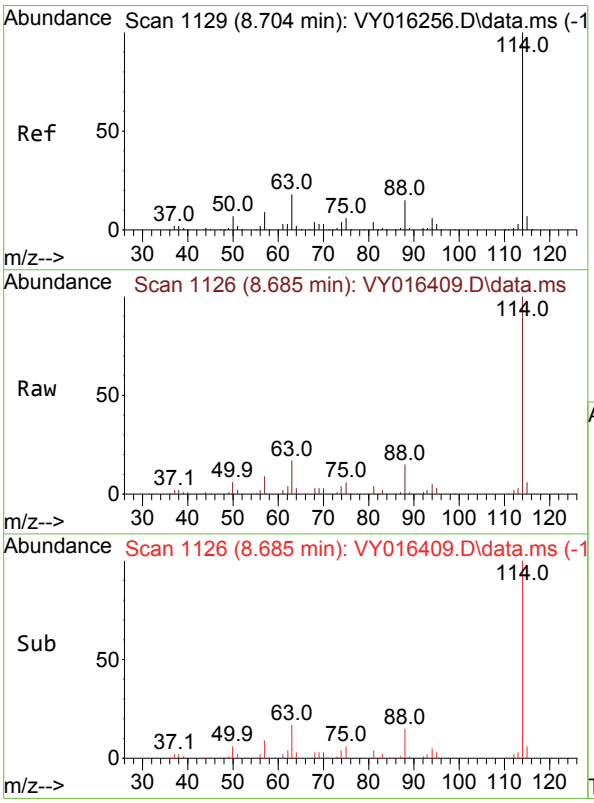
#33
1,2-Dichloroethane-d4
Concen: 62.255 ug/l
RT: 8.137 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 15852

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.8

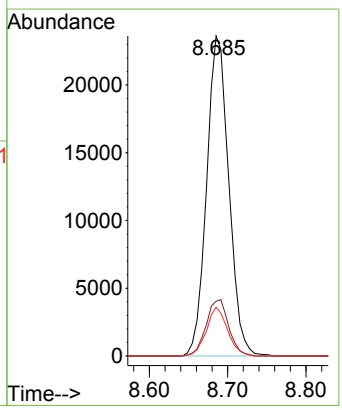


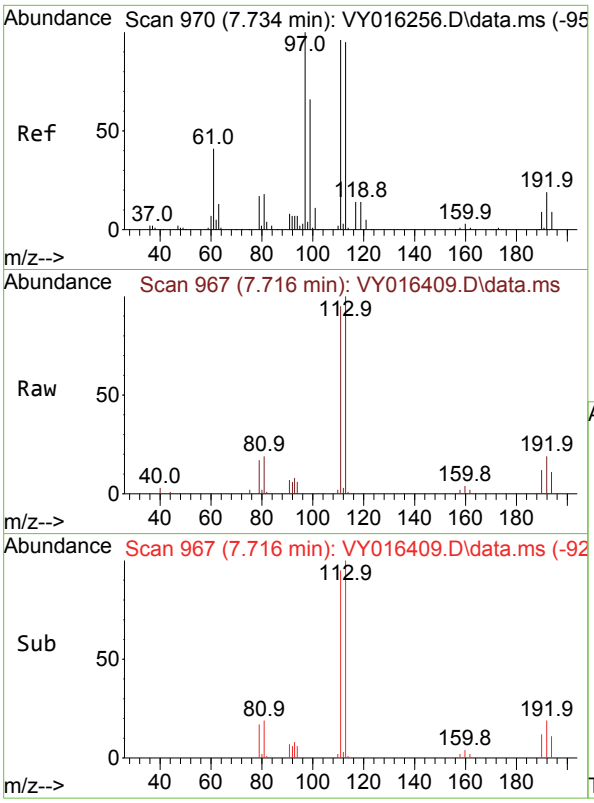


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion:114 Resp: 46396

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	42.4
88	15.2	0.0	30.6



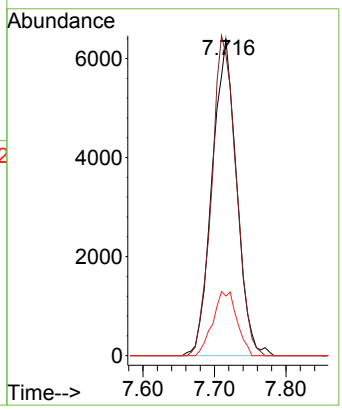


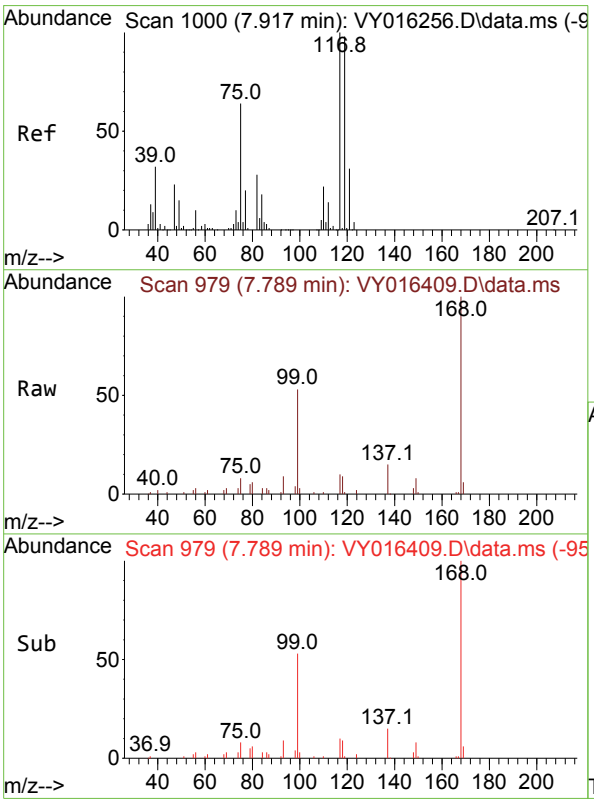
#35
Dibromofluoromethane
Concen: 57.619 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 15186

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.3	121.9
192	19.9	16.9	25.3

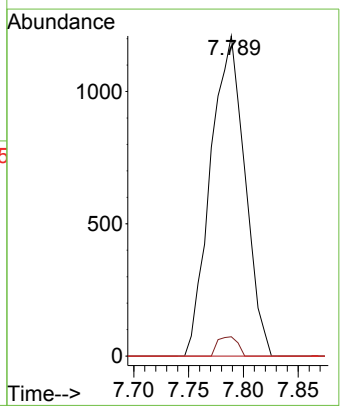


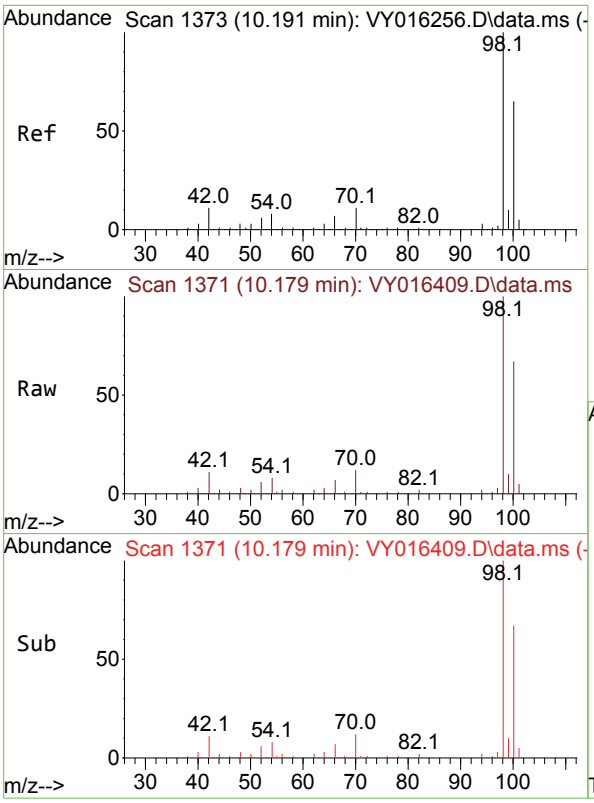


#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion:117 Resp: 2635

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.4	114.6#
121	0.0	25.8	38.6#



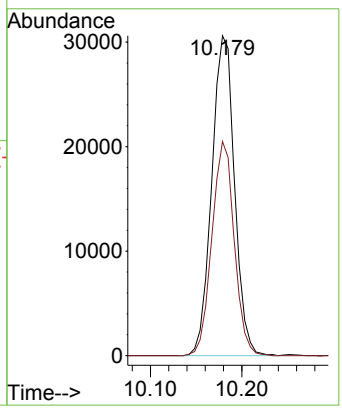


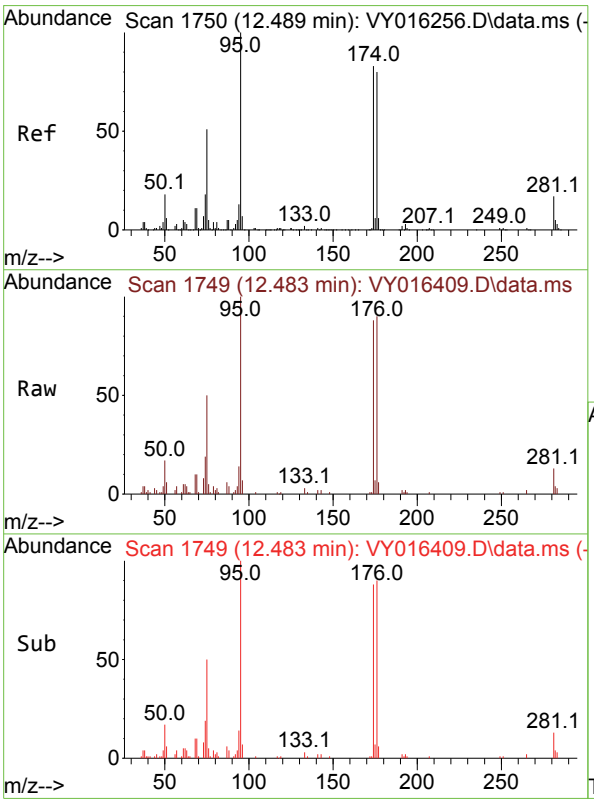
#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 52924

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.1	75.1

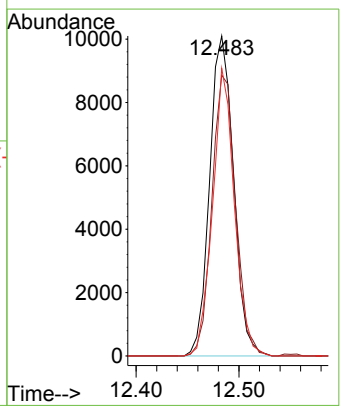


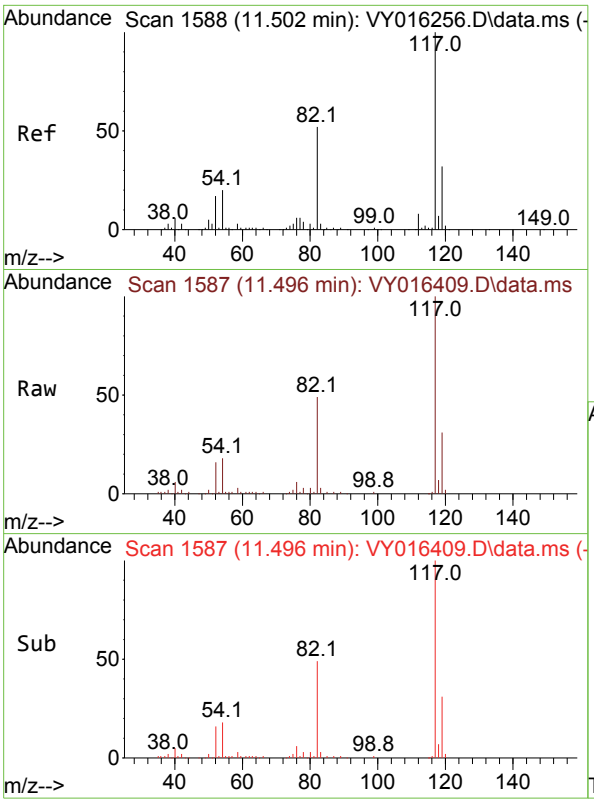


#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 95 Resp: 16342

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	178.2
176	81.9	0.0	173.8



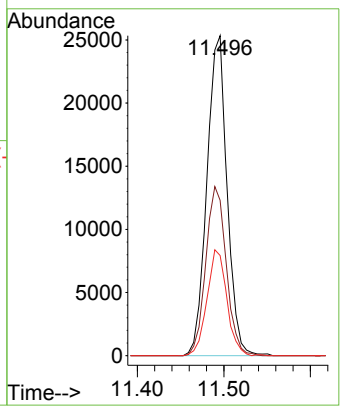


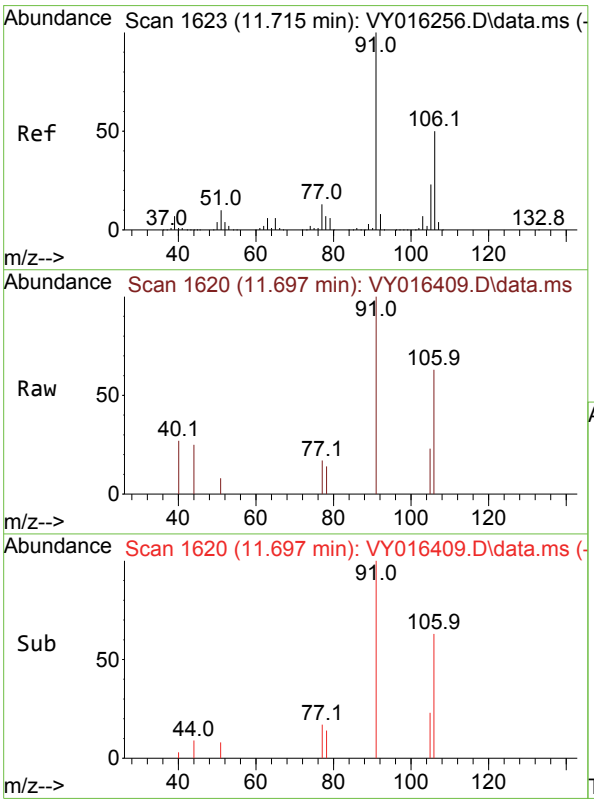
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 40954

Ion	Ratio	Lower	Upper
117	100		
82	48.6	43.4	65.0
119	31.3	26.3	39.5

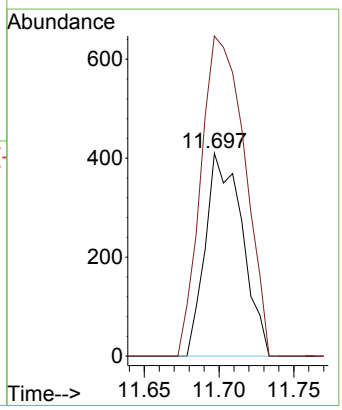


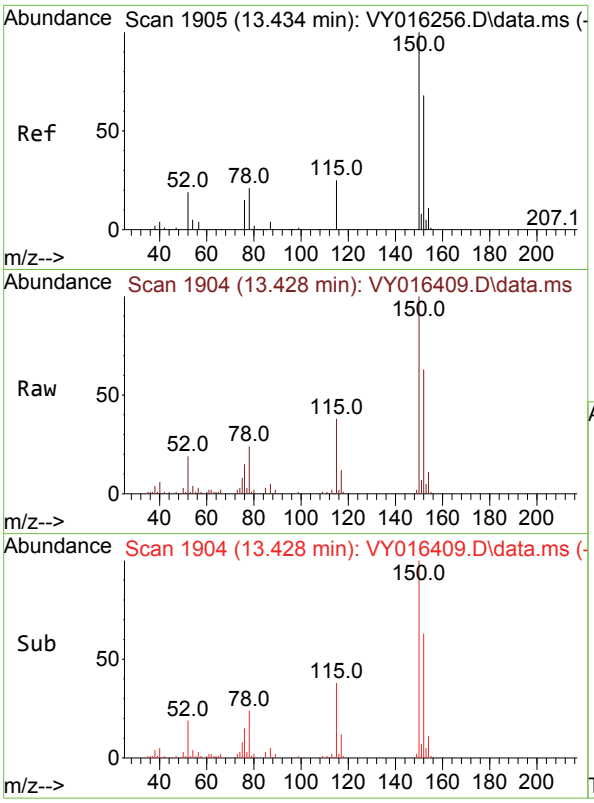


#68
m/p-Xylenes
Concen: 1.179 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.018 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion:106 Resp: 703

Ion	Ratio	Lower	Upper
106	100		
91	186.9	166.1	249.1



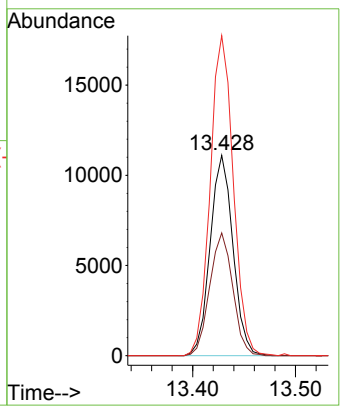


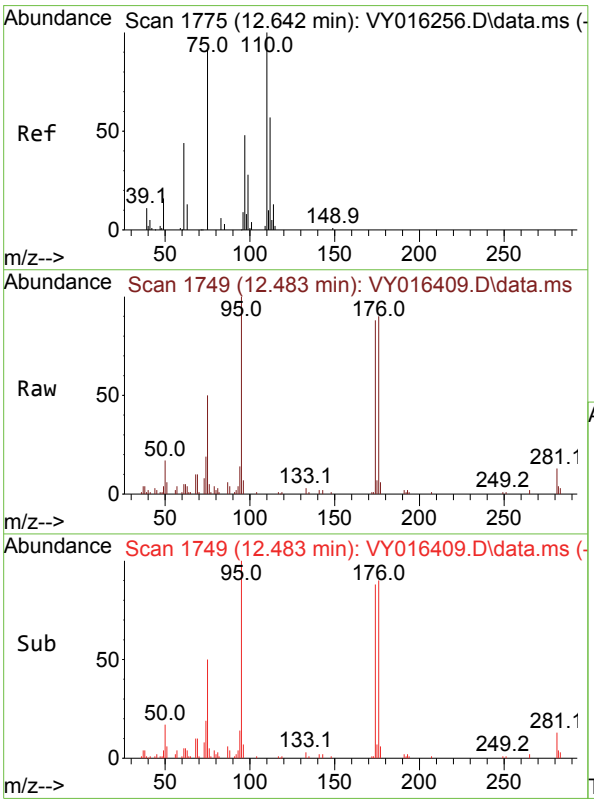
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 17160

Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.8	86.5
150	161.5	0.0	348.8

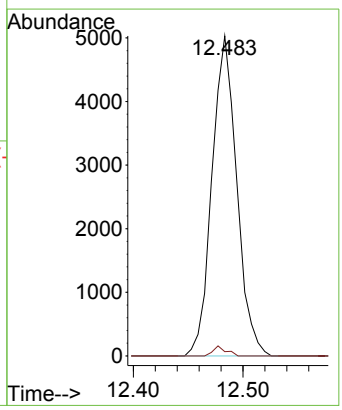


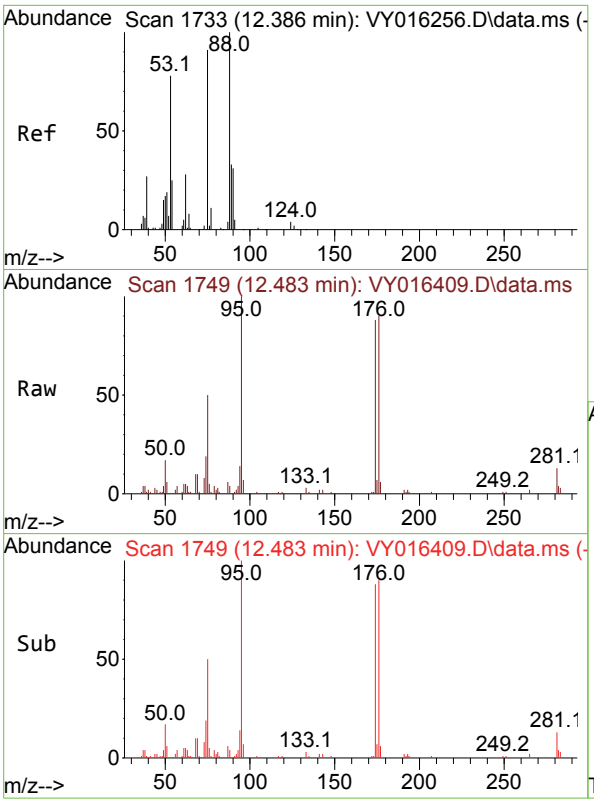


#76
1,2,3-Trichloropropane
Concen: 48.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion: 75 Resp: 7908

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



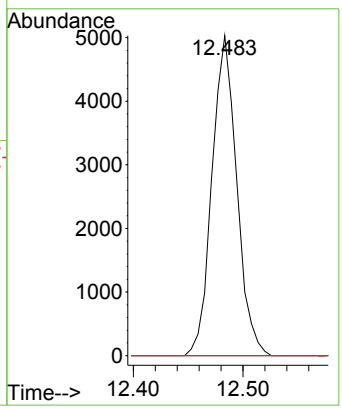


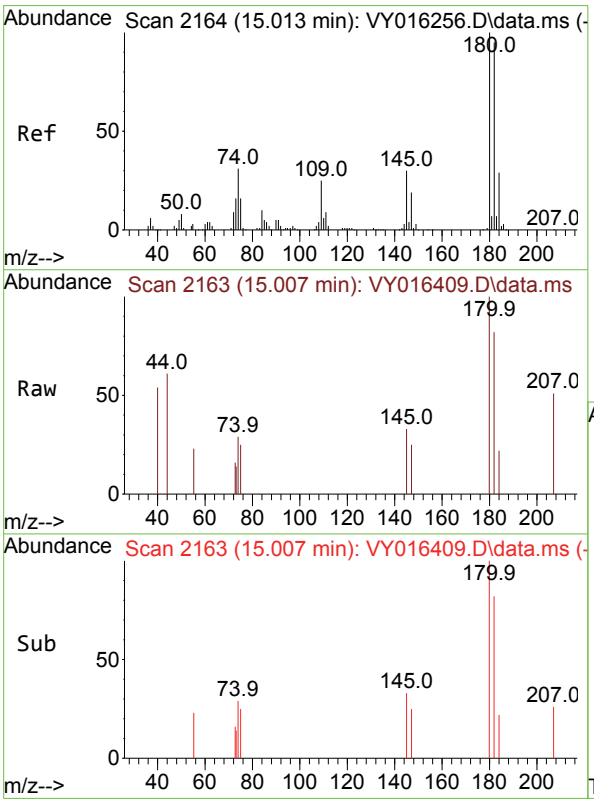
#81
trans-1,4-Dichloro-2-butene
Concen: 104.274 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 7908

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

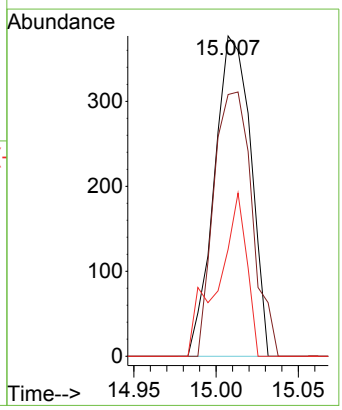


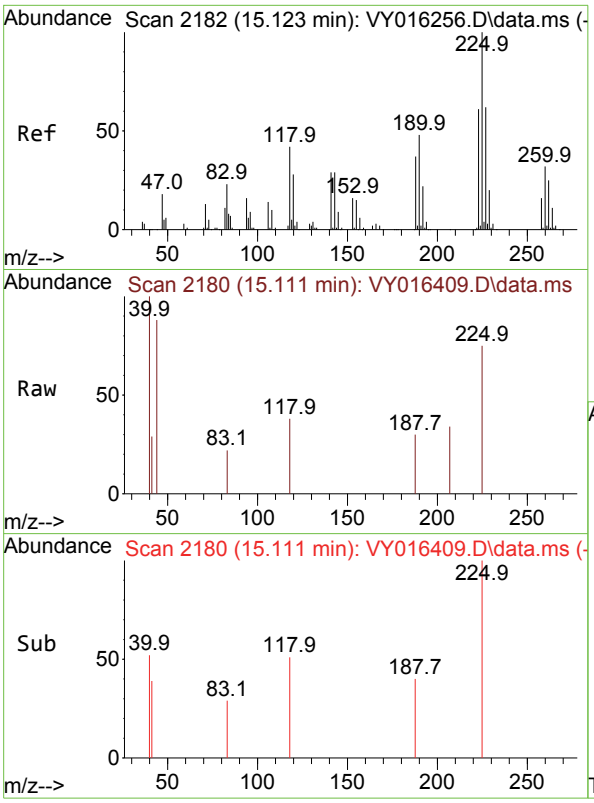


#93
1,2,4-Trichlorobenzene
Concen: 1.922 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion:180 Resp: 581

Ion	Ratio	Lower	Upper
180	100		
182	86.4	47.0	141.2
145	40.4	14.5	43.5



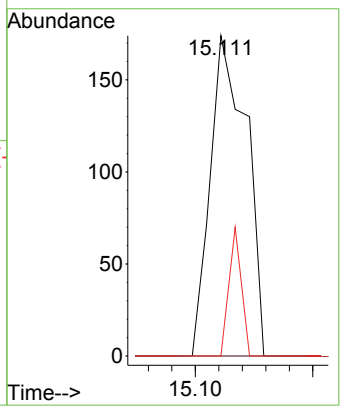


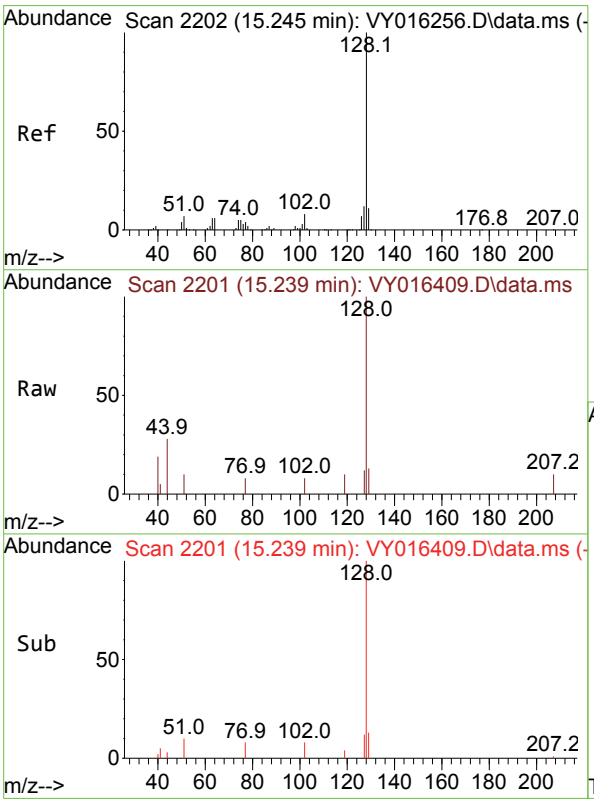
#94
Hexachlorobutadiene
Concen: 1.074 ug/l
RT: 15.111 min Scan# 2
Delta R.T. -0.012 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:225 Resp: 186

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.9	95.9#
227	14.0	33.0	98.9#

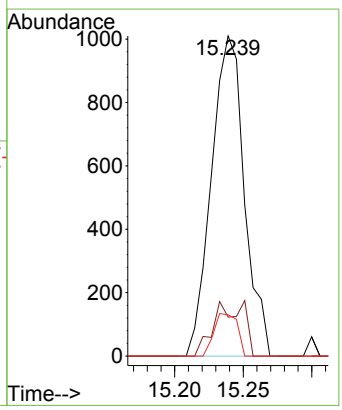


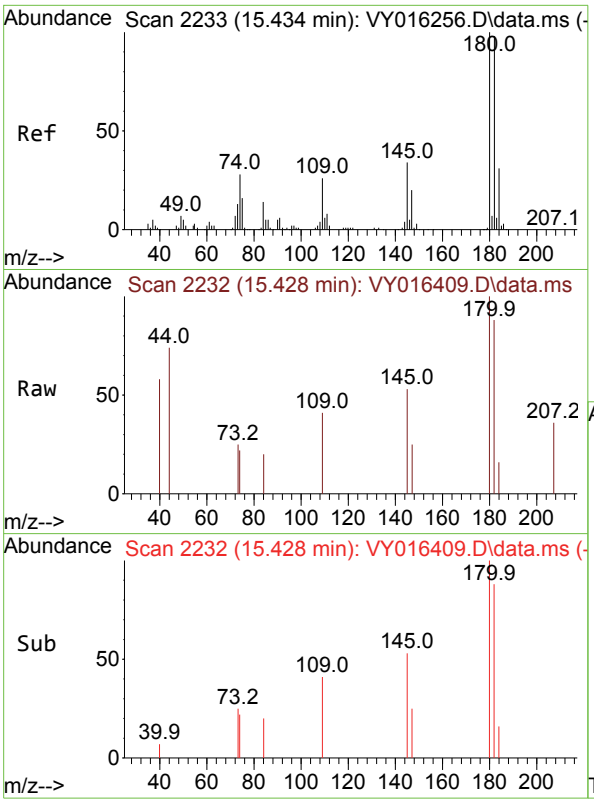


#95
Naphthalene
Concen: 3.127 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Tgt Ion:128 Resp: 1690

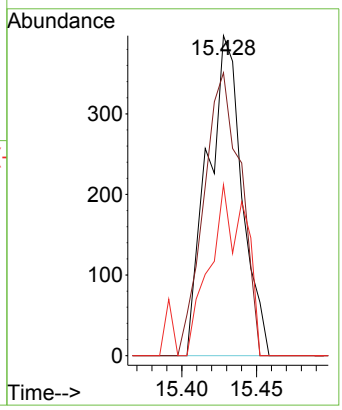
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.8	16.2
129	9.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.552 ug/l
RT: 15.428 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY016409.D
Acq: 17 Nov 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 638

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.8
145	55.3	15.4	46.2#