Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
Data File : VY012139.D
Acq On : 10 Jan 2023 14:09
Operator : KP/MD
Sample : 01089-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 03:09:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

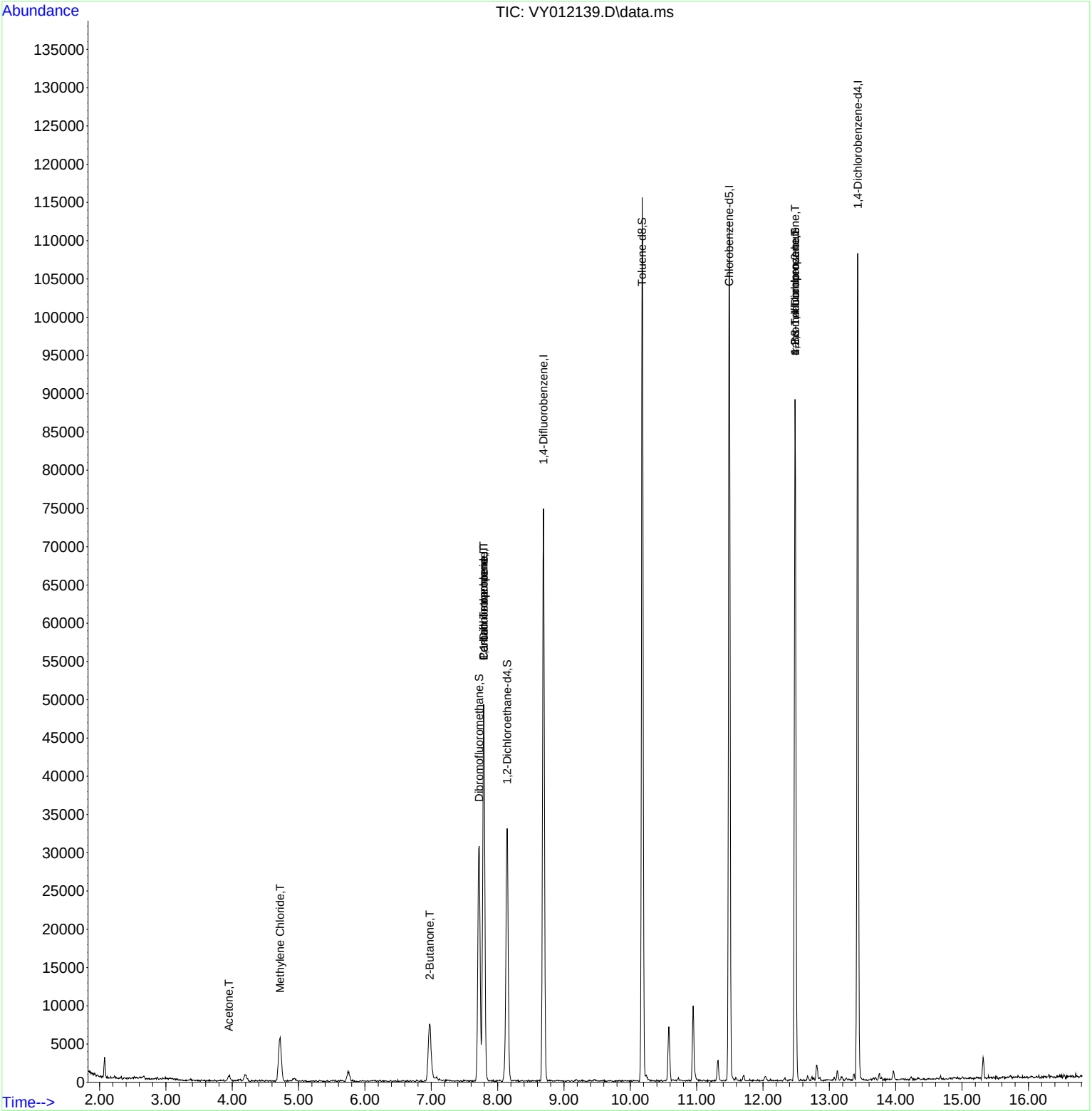
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	39489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28132	63.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.800%			
35) Dibromofluoromethane	7.722	113	21360	49.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.500%			
50) Toluene-d8	10.179	98	78674	45.960	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.920%			
62) 4-Bromofluorobenzene	12.483	95	25105	41.958	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.920%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	67	Below Cal	#	41
5) Bromomethane	2.668	94	159	Below Cal	#	68
11) Tert butyl alcohol	4.942	59	281	Below Cal	#	74
16) Acetone	3.948	43	1292	12.378	ug/l #	86
20) Methylene Chloride	4.722	84	4883	5.839	ug/l #	78
25) 2-Butanone	6.978	43	384	2.788	ug/l #	46
31) Cyclohexane	7.789	56	697	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	2547	3.871	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3816	4.569	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	13418	39.509	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13418	87.744	ug/l #	13

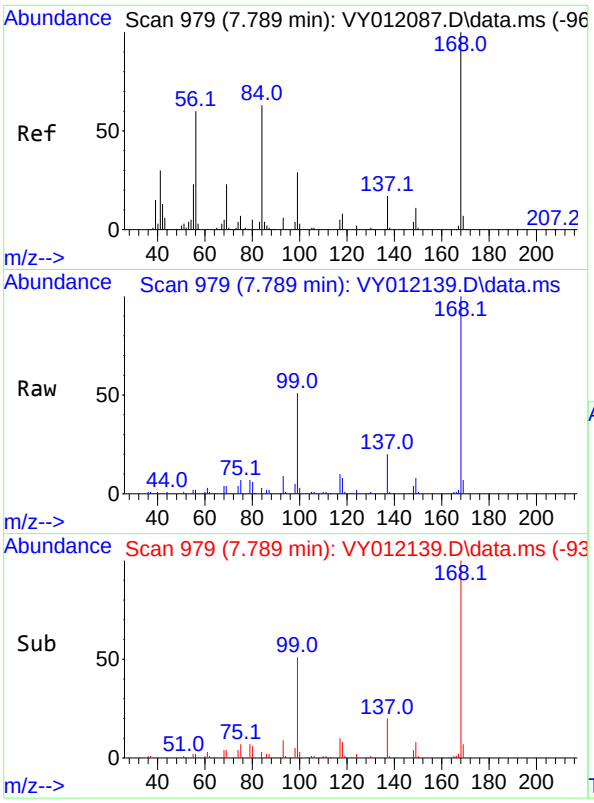
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
Data File : VY012139.D
Acq On : 10 Jan 2023 14:09
Operator : KP/MD
Sample : 01089-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 11 03:09:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration



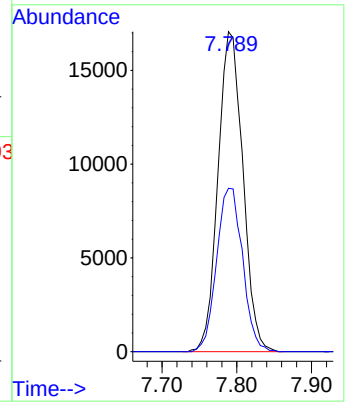


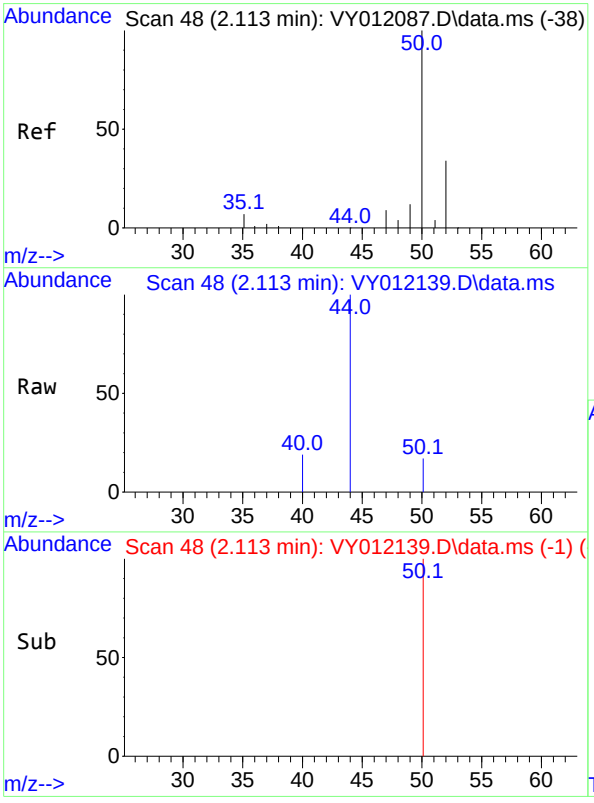
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 39489

Ion	Ratio	Lower	Upper
168	100		
99	51.0	44.0	66.0

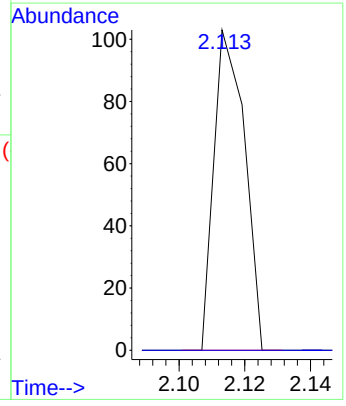


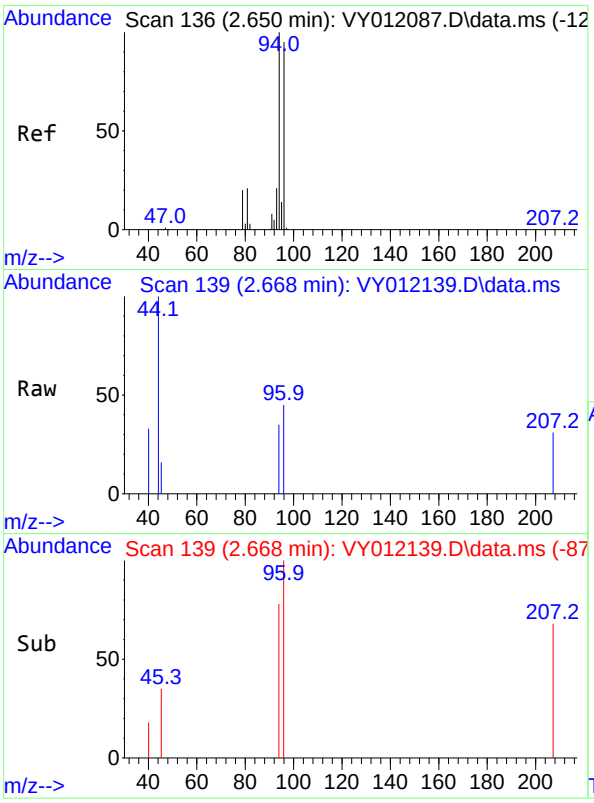


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 50 Resp: 67

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.8	40.2#



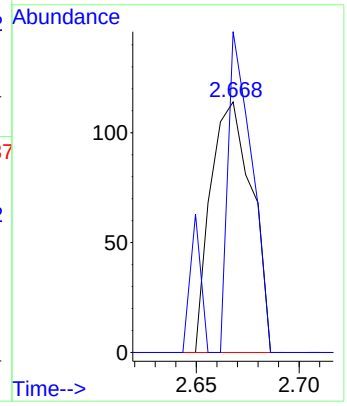


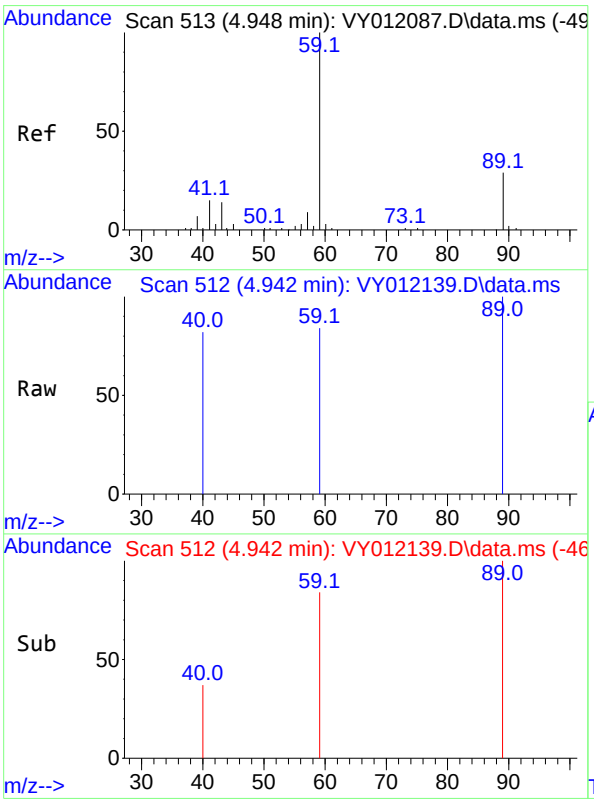
#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 159

Ion	Ratio	Lower	Upper
94	100		
96	128.1	77.4	116.2#

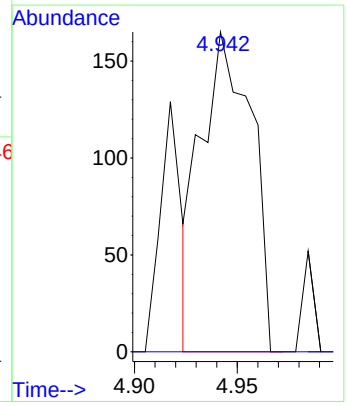


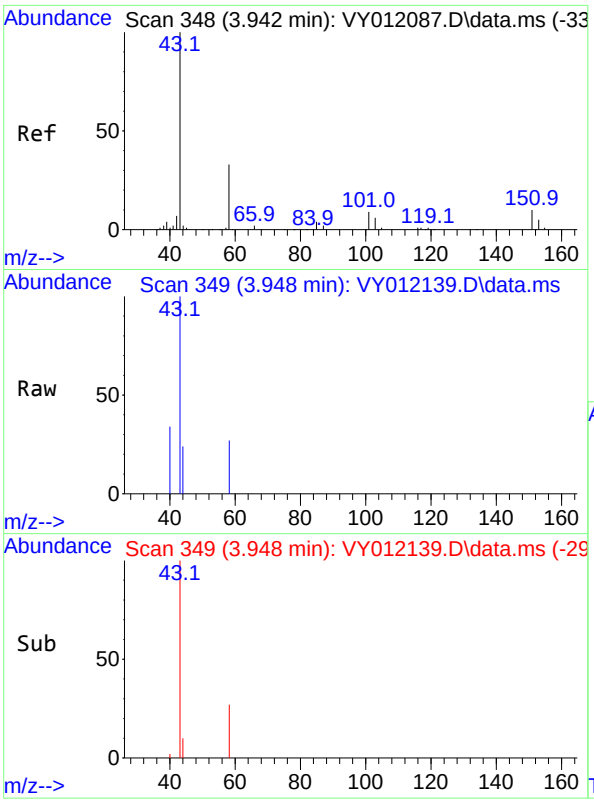


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 59 Resp: 281

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



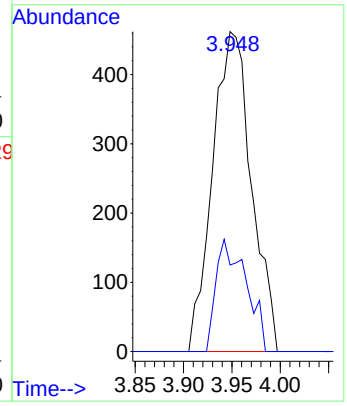


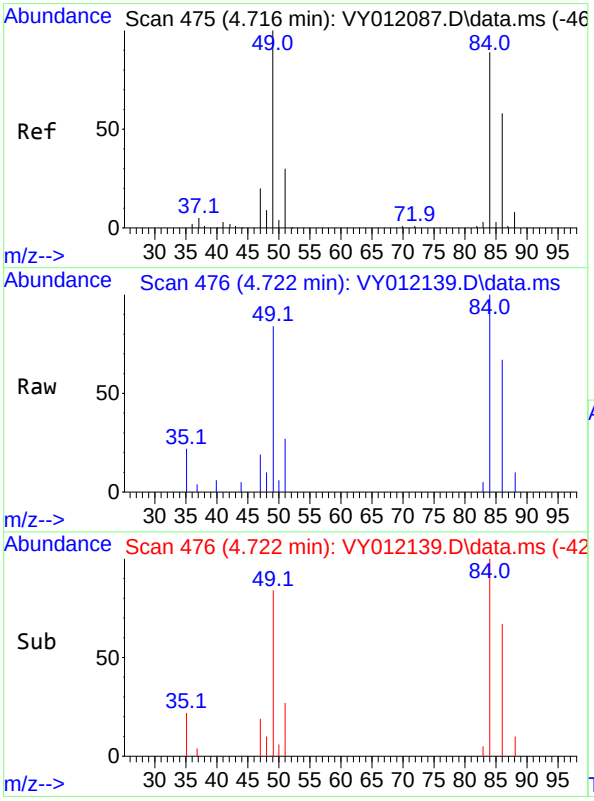
#16
Acetone
Concen: 12.378 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1292

Ion	Ratio	Lower	Upper
43	100		
58	27.1	27.9	41.9#

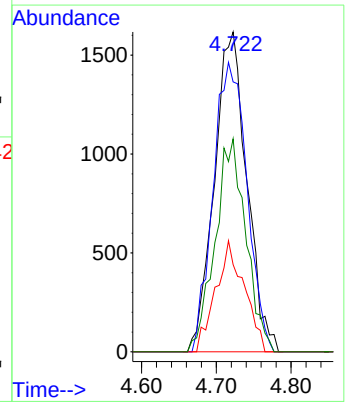


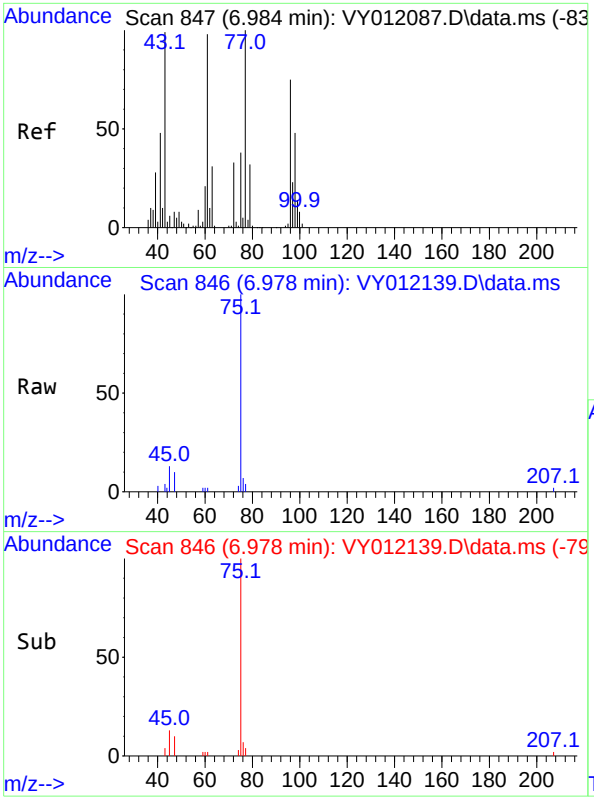


#20
Methylene Chloride
Concen: 5.839 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 84 Resp: 4883

Ion	Ratio	Lower	Upper
84	100		
49	84.4	95.4	143.2#
51	27.3	29.9	44.9#
86	66.6	49.6	74.4



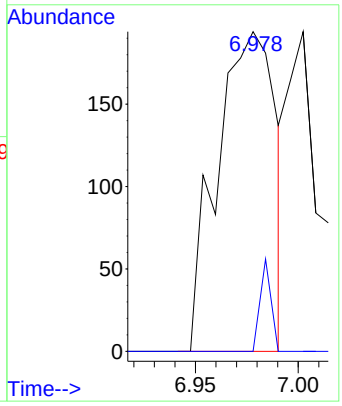


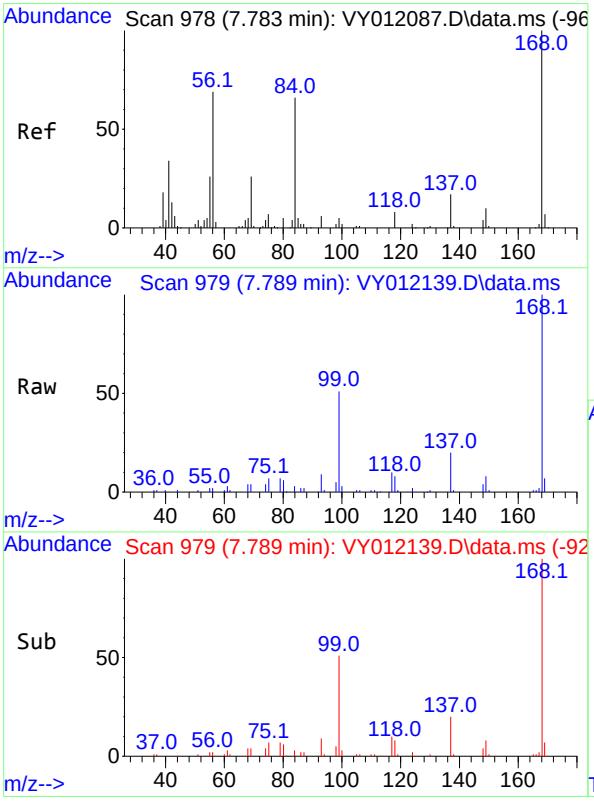
#25
2-Butanone
Concen: 2.788 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 384

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#

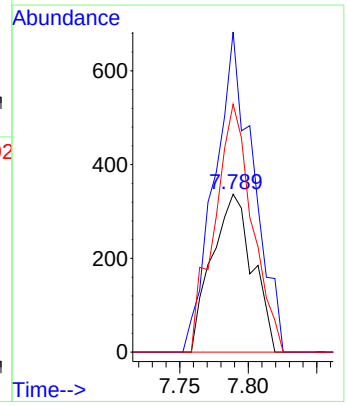


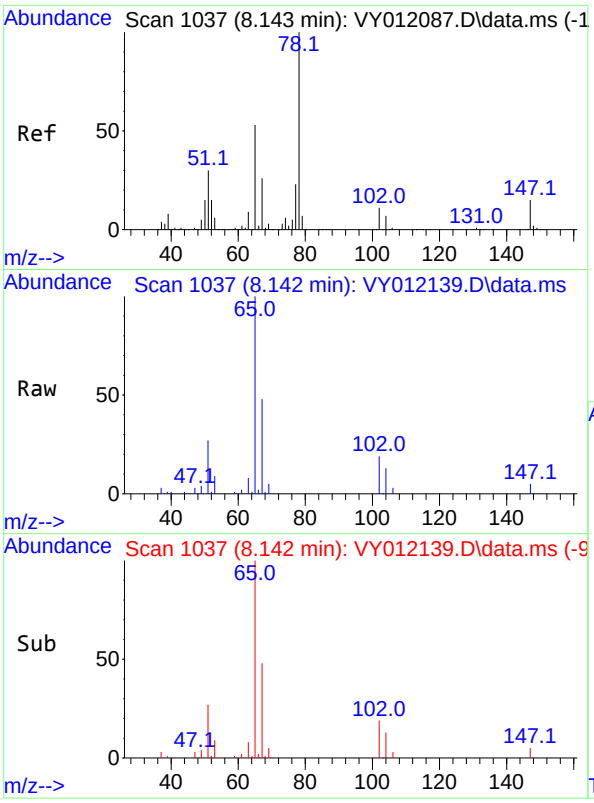


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 56 Resp: 697

Ion	Ratio	Lower	Upper
56	100		
69	202.7	29.2	43.8#
84	157.0	72.6	108.8#



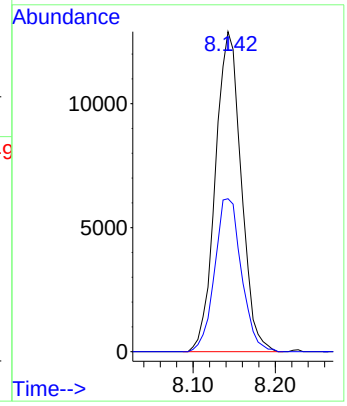


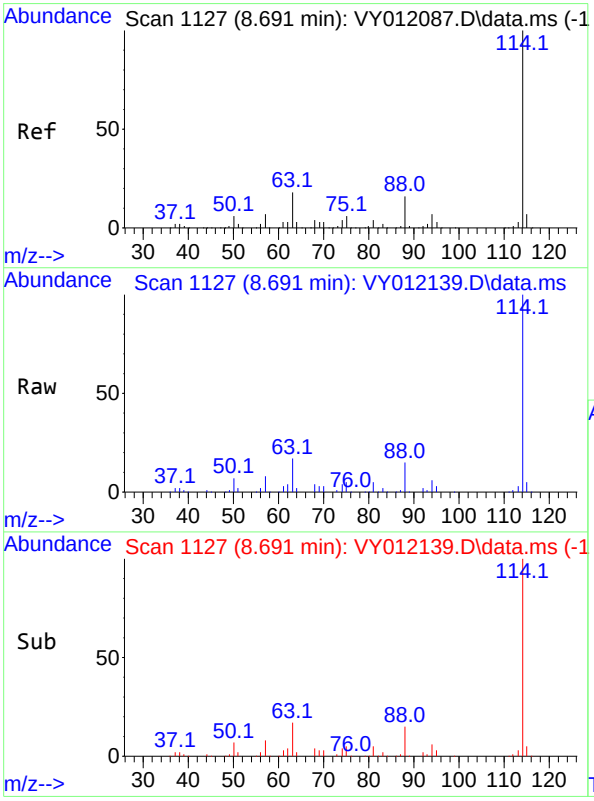
#33
1,2-Dichloroethane-d4
Concen: 63.400 ug/l
RT: 8.142 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 28132

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	103.2

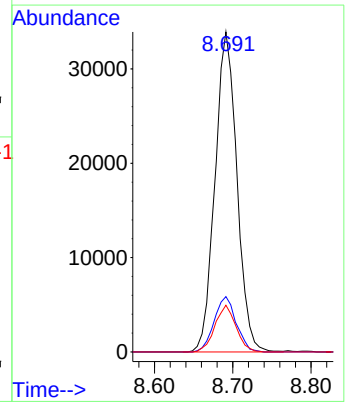


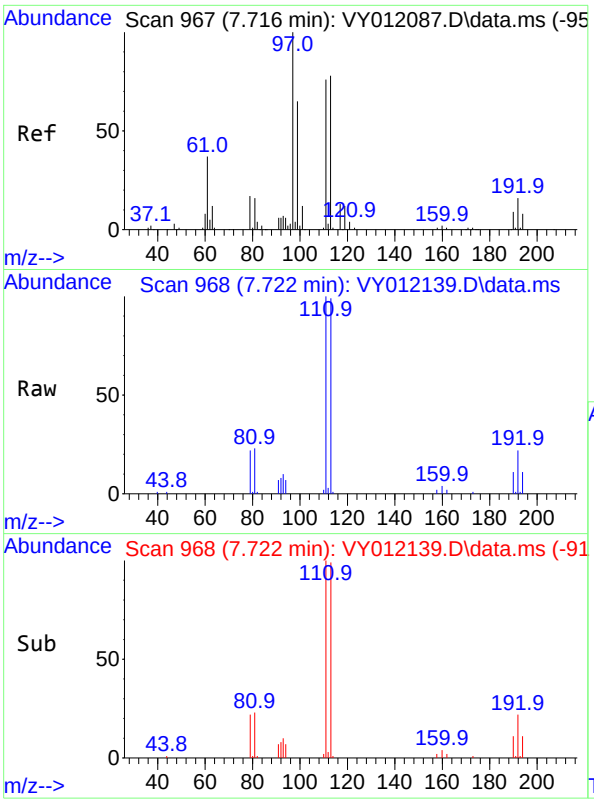


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion:114 Resp: 65982

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.6
88	14.6	0.0	32.2



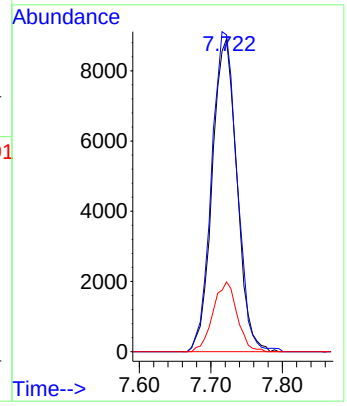


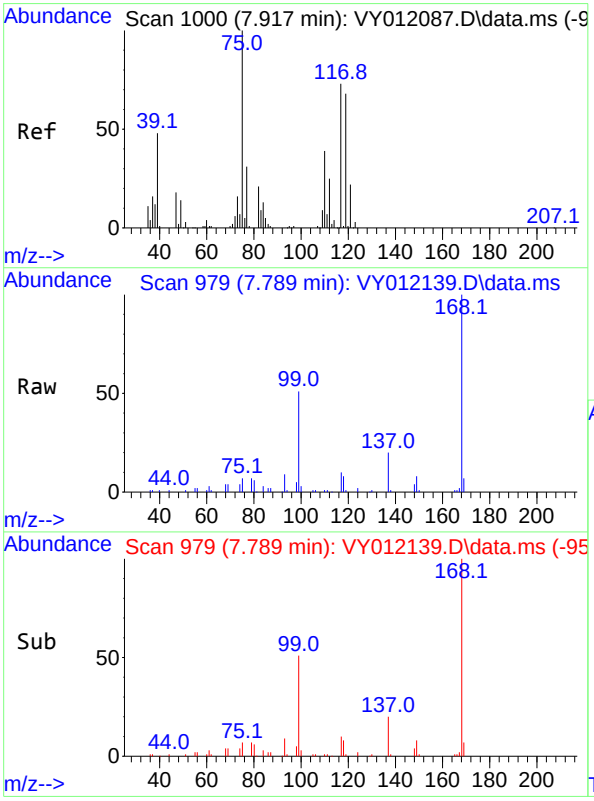
#35
Dibromofluoromethane
Concen: 49.252 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 21360

Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.4
192	21.7	16.0	24.0

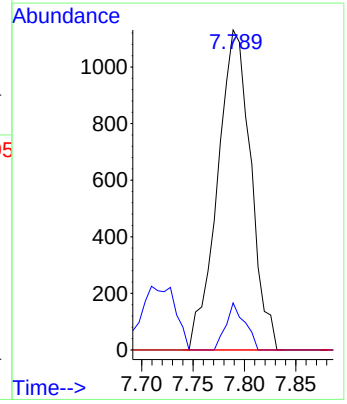


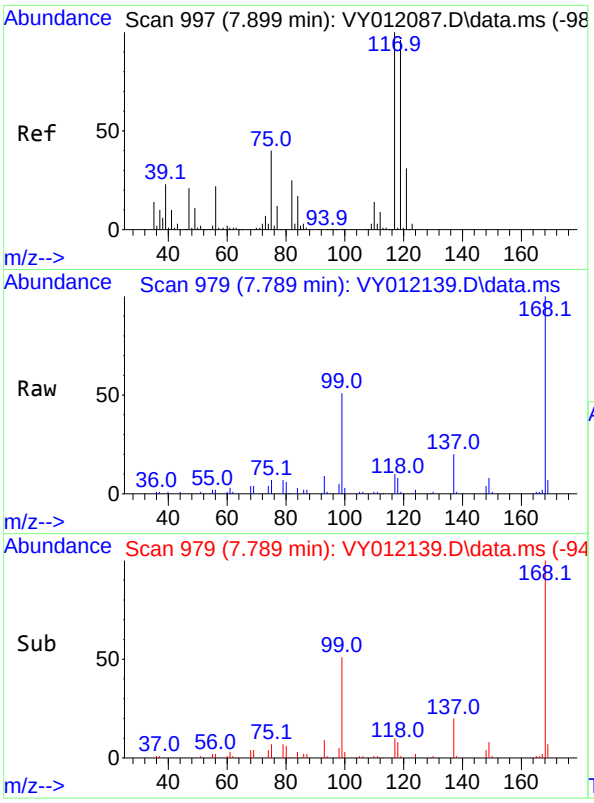


#36
1,1-Dichloropropene
Concen: 3.871 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 75 Resp: 2547

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.1#
77	0.0	25.1	37.7#



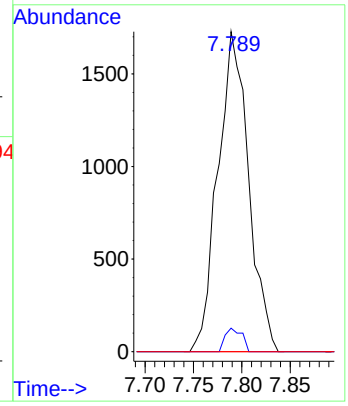


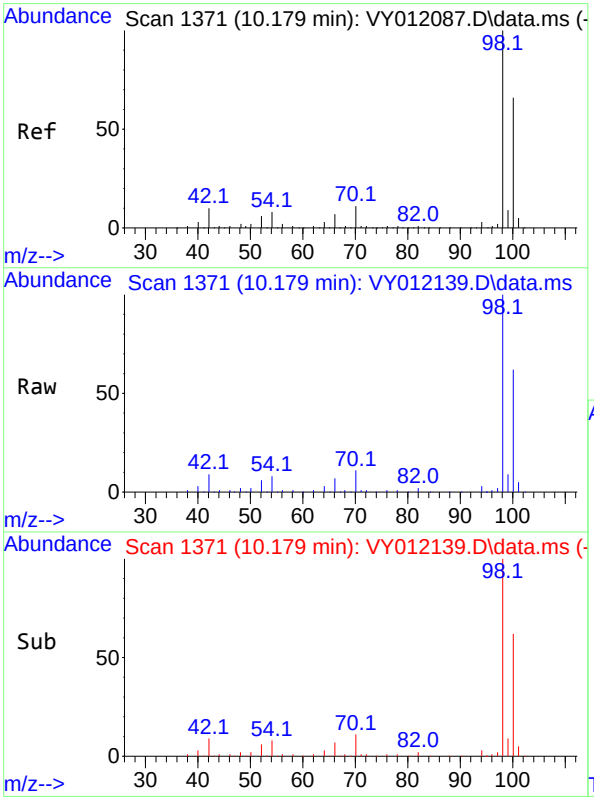
#38
Carbon Tetrachloride
Concen: 4.569 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3816

Ion	Ratio	Lower	Upper
117	100		
119	7.3	73.8	110.8#
121	0.0	25.2	37.8#

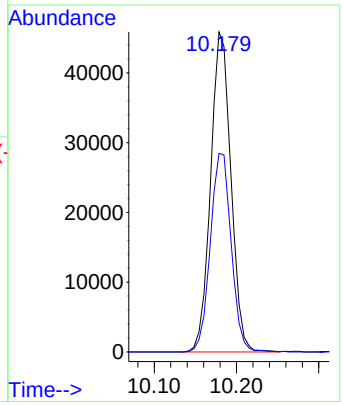


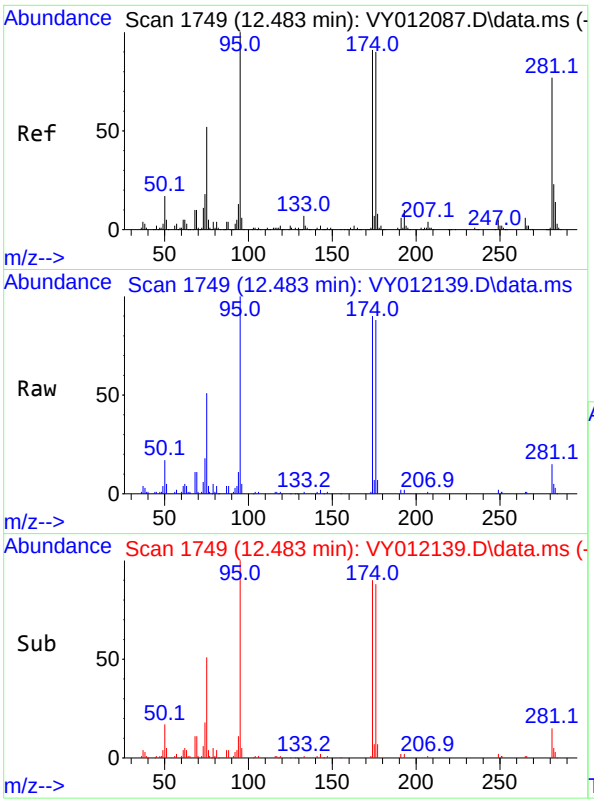


#50
Toluene-d8
Concen: 45.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 98 Resp: 78674

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9



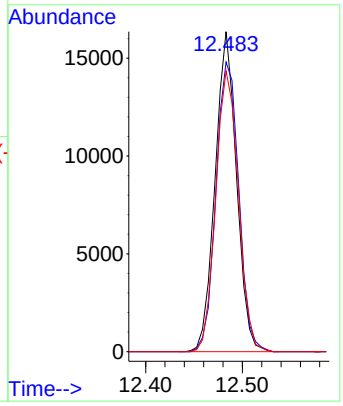


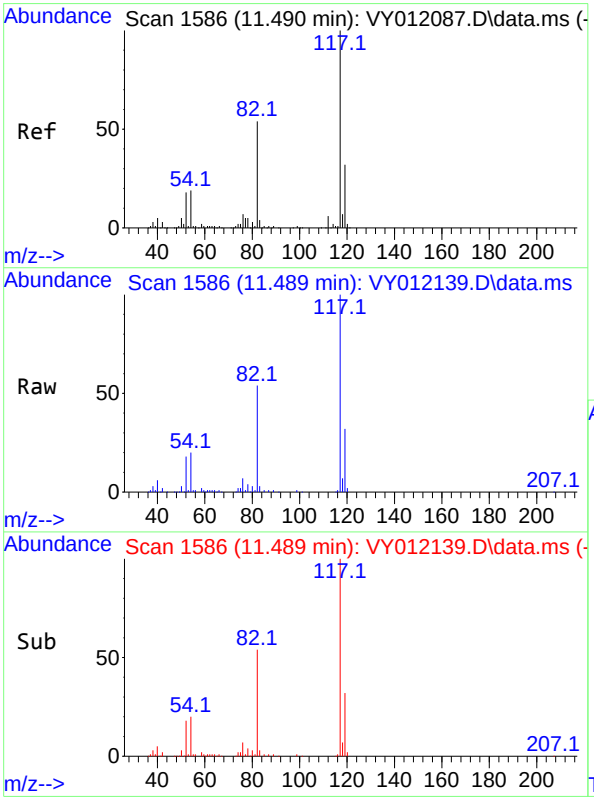
#62
4-Bromofluorobenzene
Concen: 41.958 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 25105

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	172.0
176	92.7	0.0	167.6

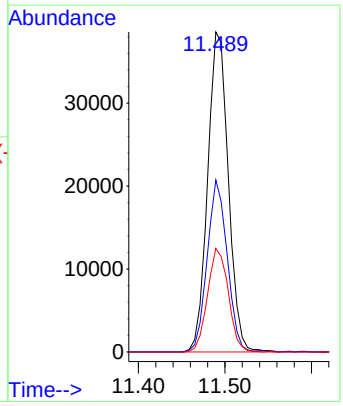


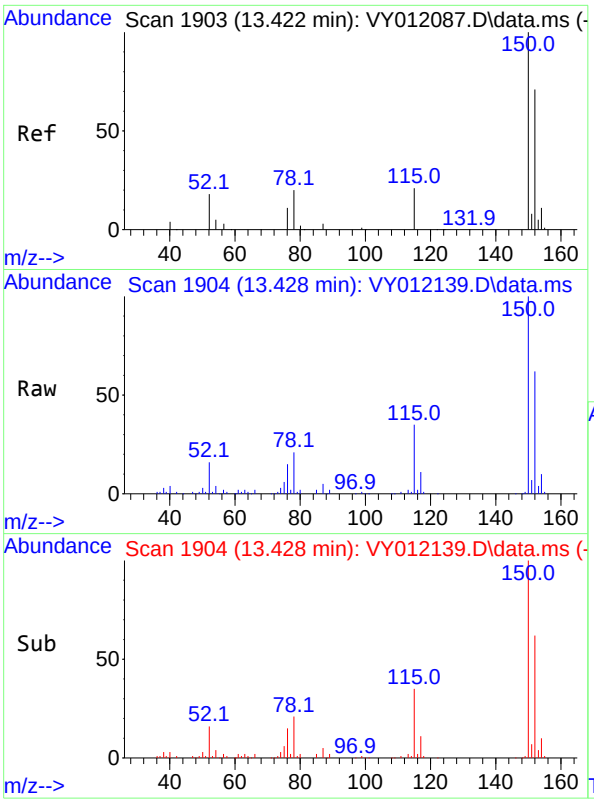


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion:117 Resp: 63951

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.8	67.2
119	32.3	25.4	38.2



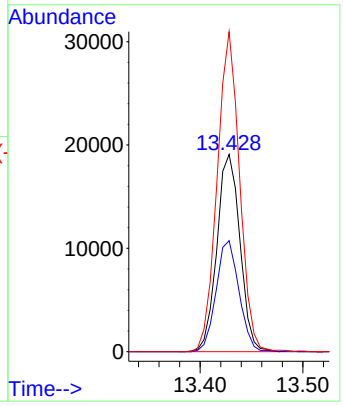


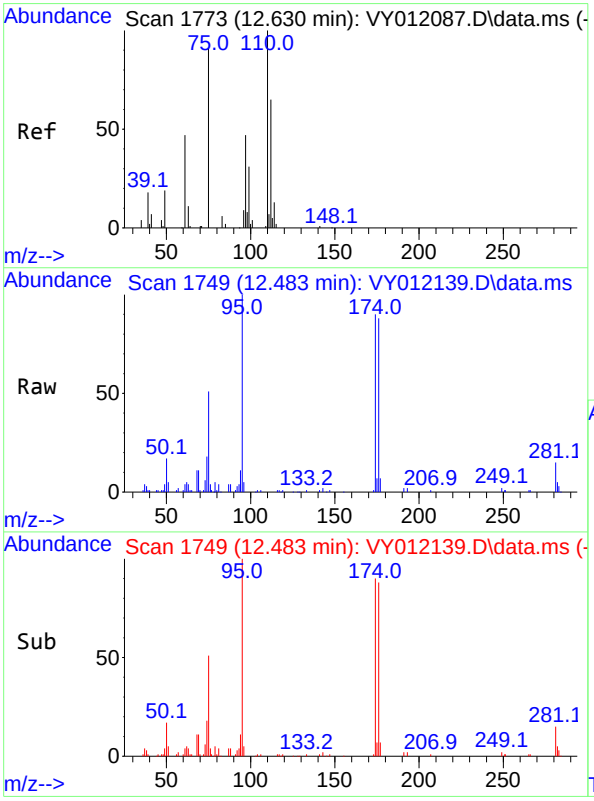
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 29744

Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.1	87.3
150	157.7	0.0	342.6

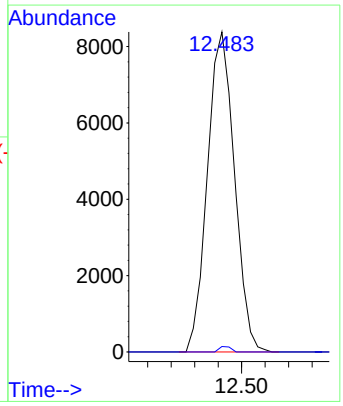


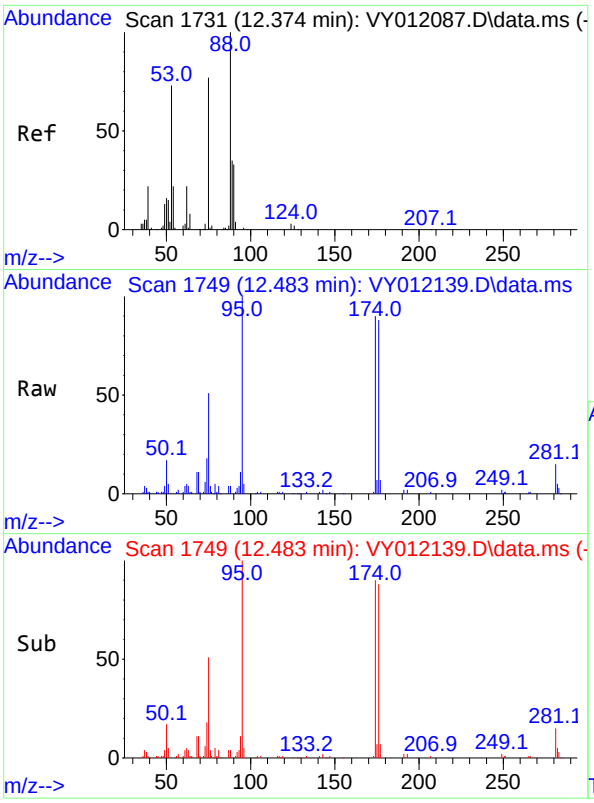


#76
1,2,3-Trichloropropane
Concen: 39.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Tgt Ion: 75 Resp: 13418

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.744 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.109 min
Lab File: VY012139.D
Acq: 10 Jan 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13418

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.0	37.0	55.4#