Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002589.D
Acq On : 05 May 2020 16:13
Operator : SY/MD
Sample : L2483-02
Misc : 5.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 06 03:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	349535	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	554858	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.50	117	494714	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	240710	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	164608	56.01	ug/l		-0.01
Spiked Amount 50.000			Recovery = 112.02%				
35) Dibromofluoromethane	7.74	113	168303	53.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.08%				
50) Toluene-d8	10.19	98	646696	52.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.38%				
62) 4-Bromofluorobenzene	12.49	95	213266	50.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.91	85	841	2.065	ug/l		77
16) Acetone	3.98	43	1634	2.694	ug/l	#	83
20) Methylene Chloride	4.73	84	11086	3.268	ug/l		87
31) Cyclohexane	7.80	56	5499	1.041	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	22619	4.863	ug/l	#	48
38) Carbon Tetrachloride	7.80	117	31793	6.261	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.19	43	2649	1.147	ug/l	#	1
76) 1,2,3-Trichloropropane	12.49	75	102808	48.061	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	102808	96.372	ug/l	#	15
86) p-Isopropyltoluene	13.38	119	25041	1.699	ug/l		98

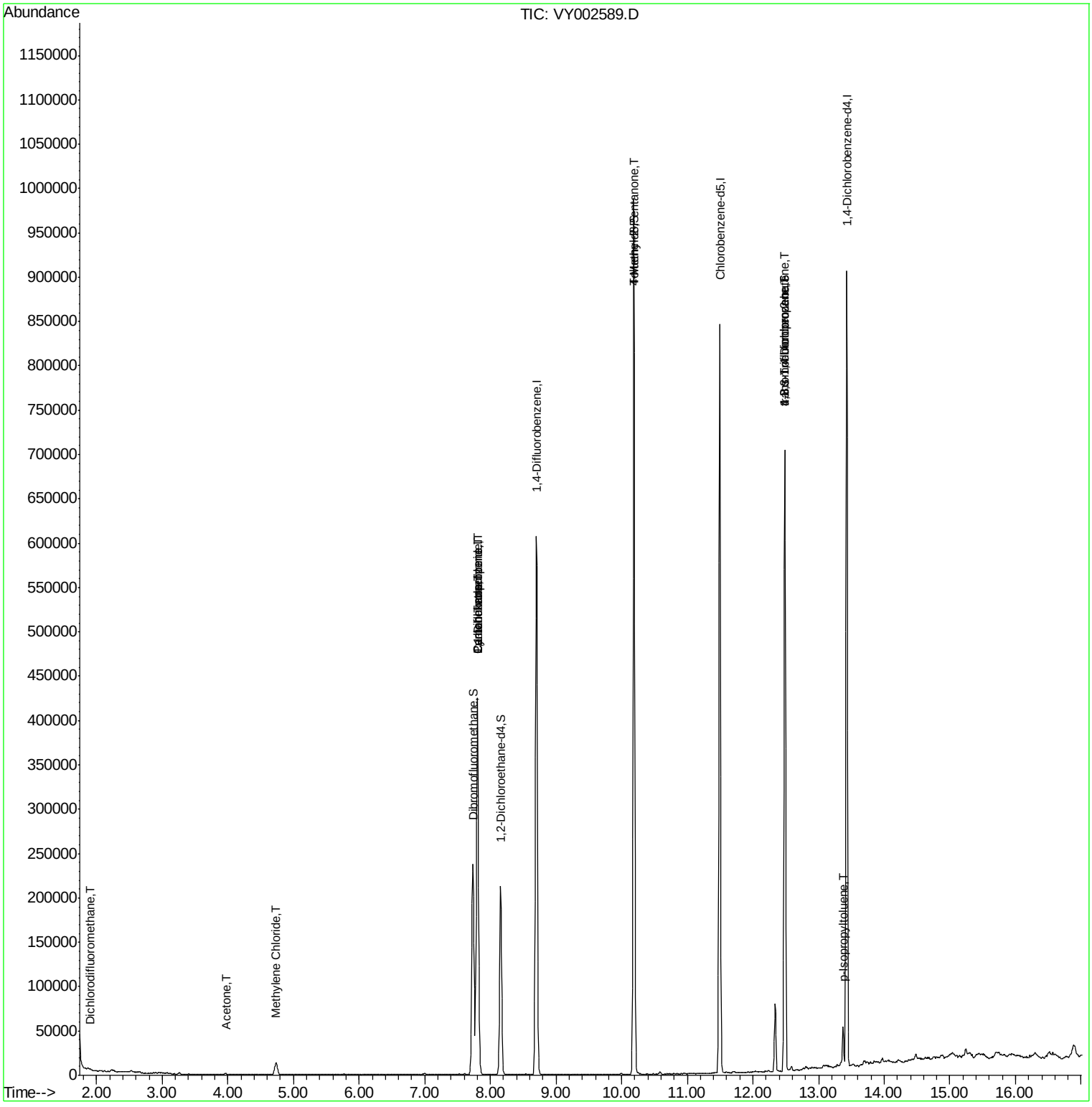
(#) = qualifier out of range (m) = manual integration (+) = signals summed

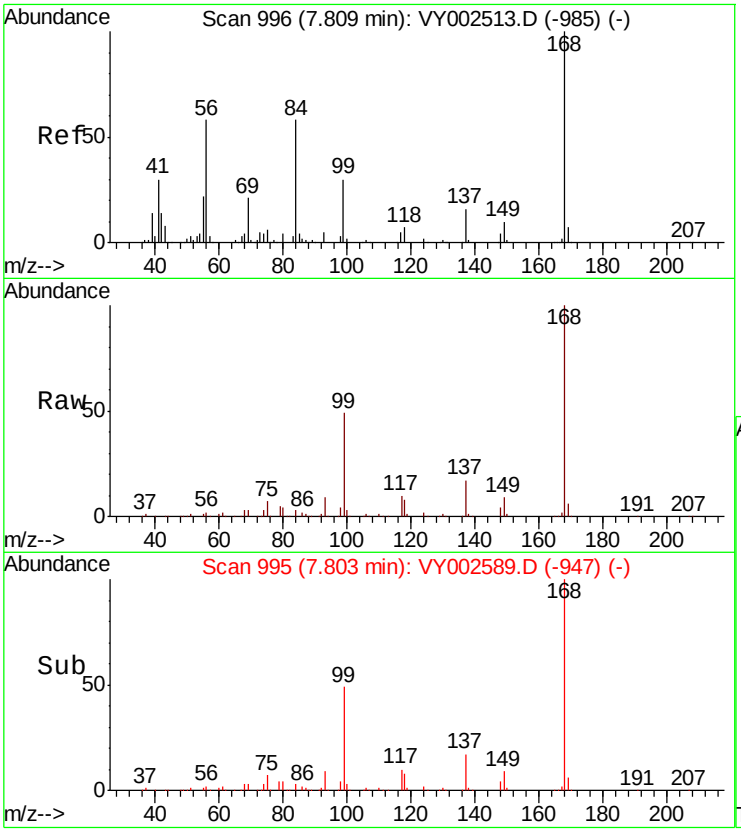
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050520\
Data File : VY002589.D
Acq On : 05 May 2020 16:13
Operator : SY/MD
Sample : L2483-02
Misc : 5.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 06 03:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

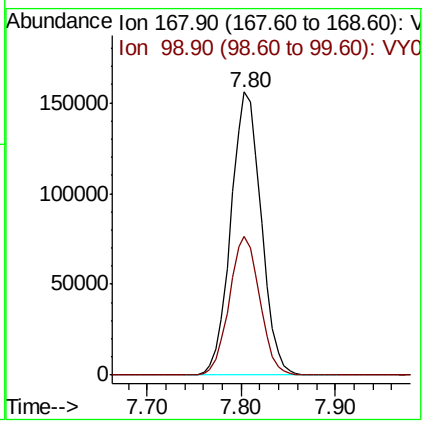




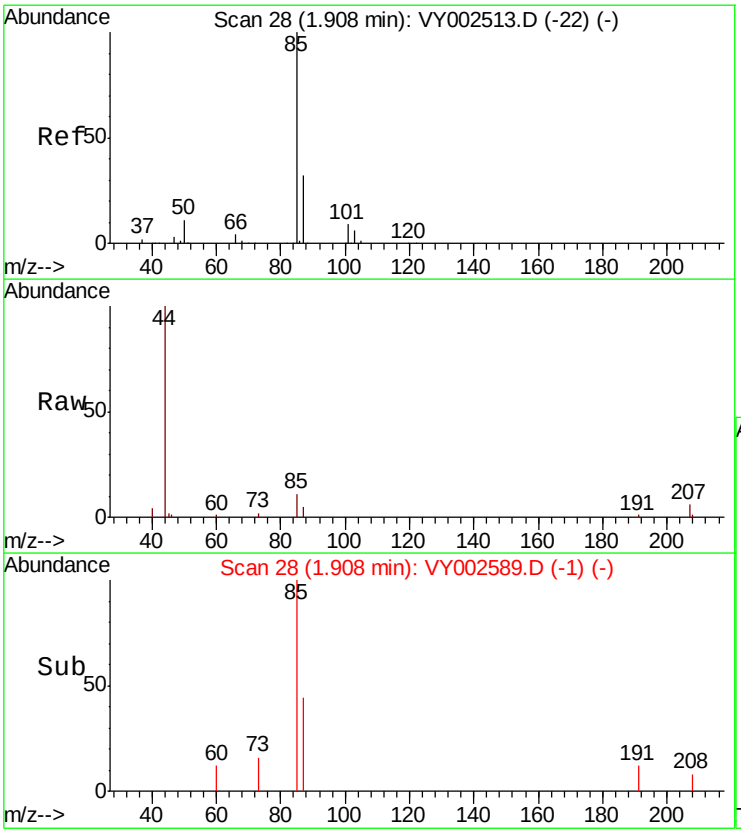
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:168 Resp: 349535

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.2	58.8



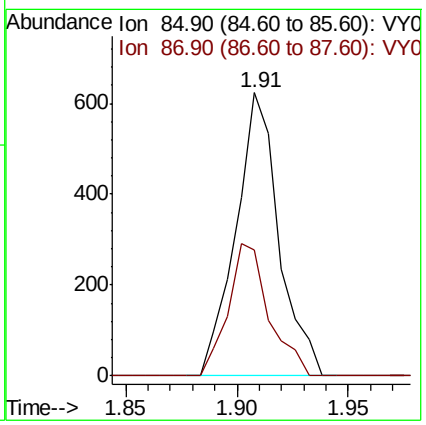
Instrument :
MSVOA_Y
ClientSampleId :

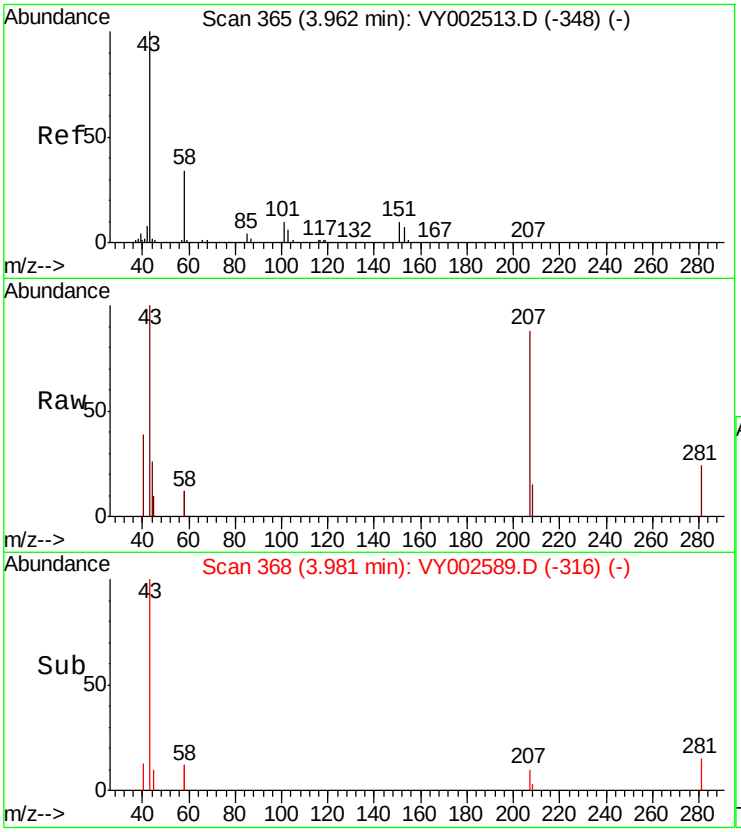


#2
Dichlorodifluoromethane
Concen: 2.065 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.00 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion: 85 Resp: 841

Ion	Ratio	Lower	Upper
85	100		
87	44.3	15.8	47.4



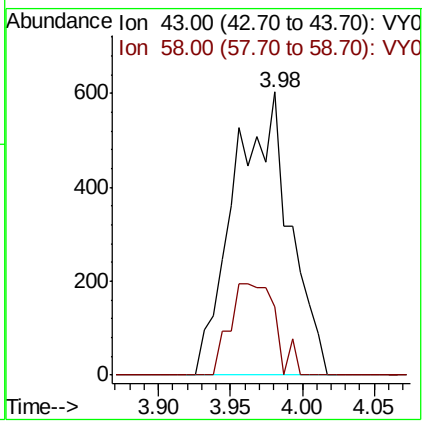


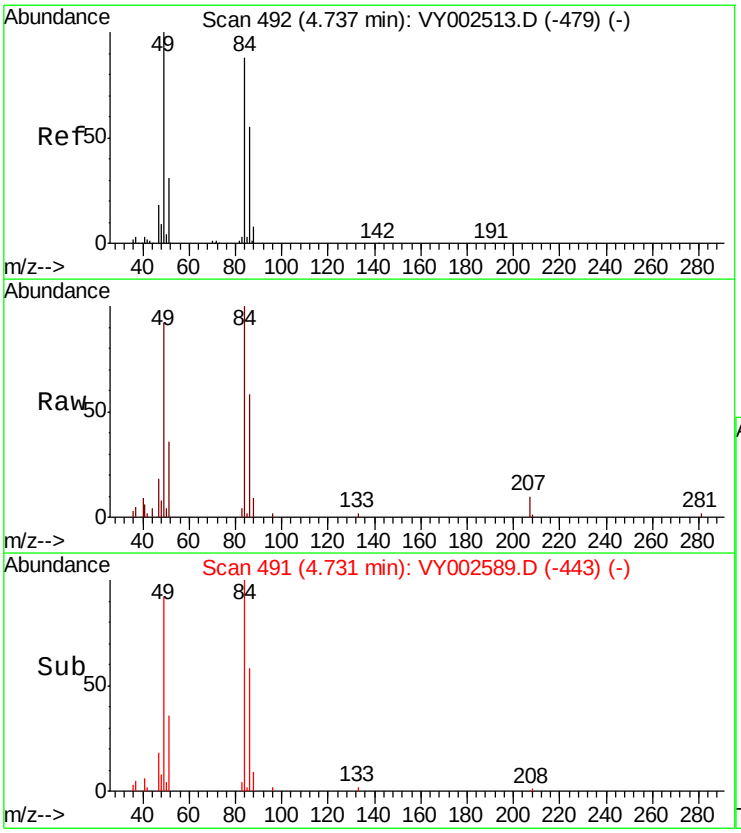
#16
Acetone
Concen: 2.694 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1634

Ion	Ratio	Lower	Upper
43	100		
58	24.0	26.9	40.3#

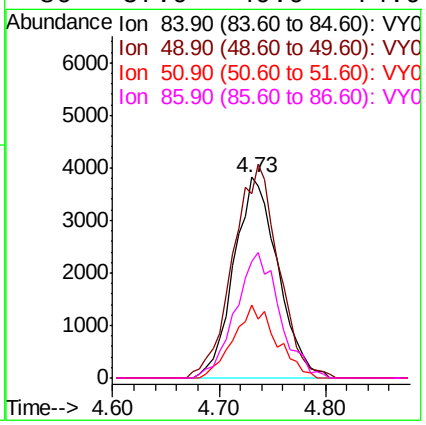


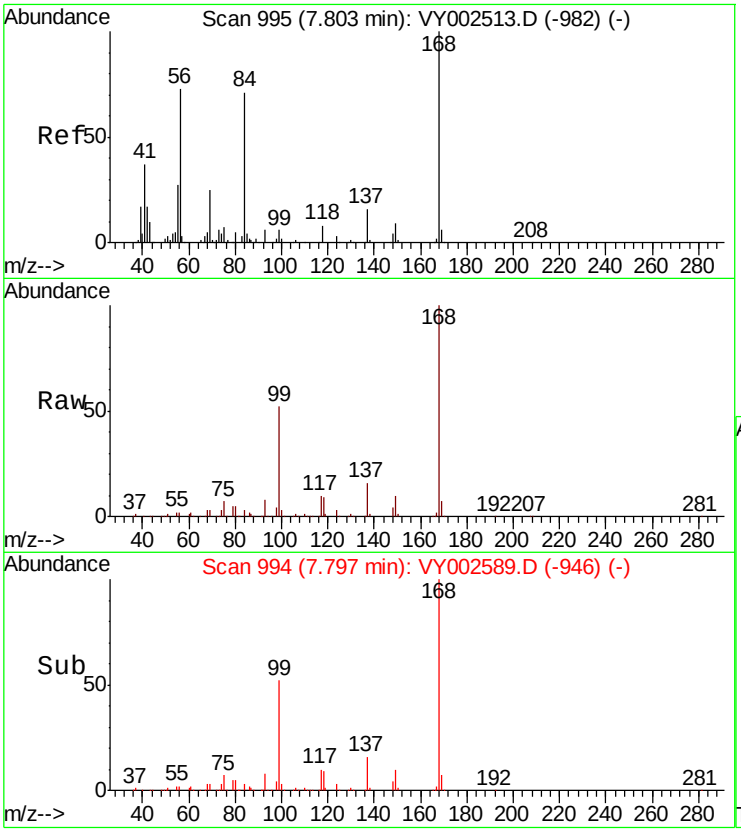


#20
Methylene Chloride
Concen: 3.268 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion: 84 Resp: 11086

Ion	Ratio	Lower	Upper
84	100		
49	91.7	90.5	135.7
51	36.0	28.3	42.5
86	57.9	49.9	74.9



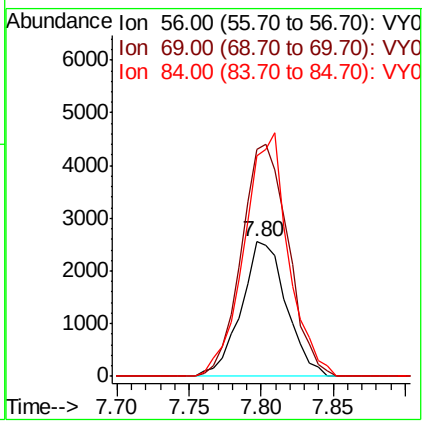


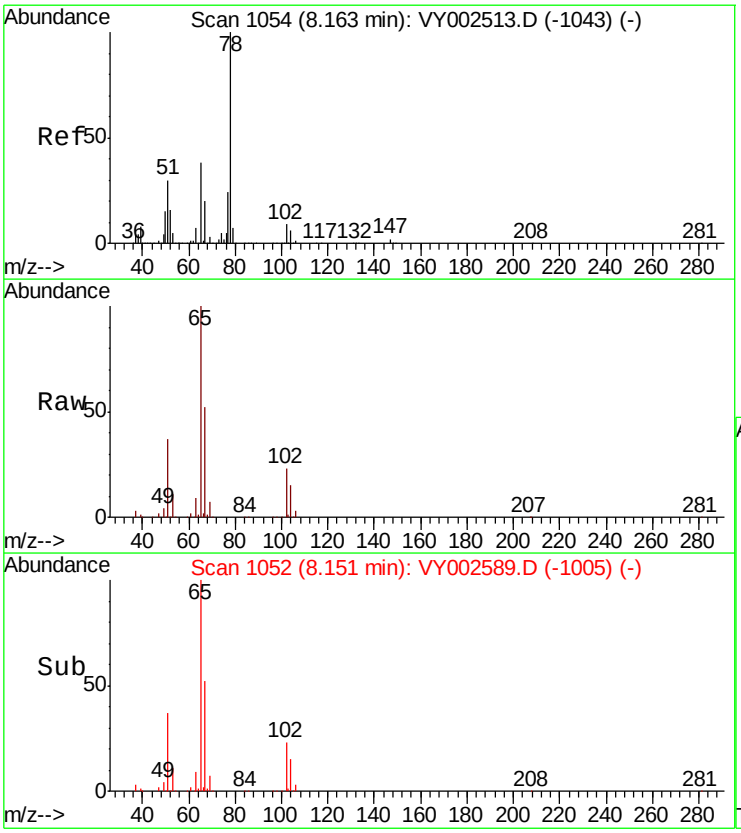
#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5499

Ion	Ratio	Lower	Upper
56	100		
69	168.8	27.6	41.4#
84	163.6	77.7	116.5#

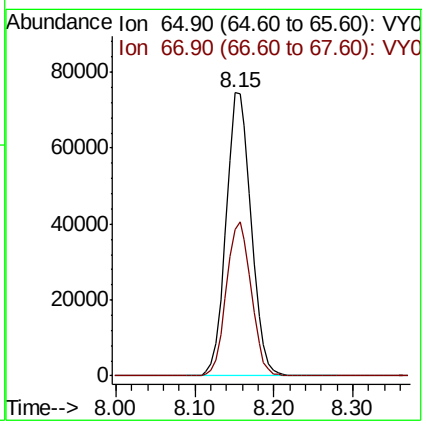


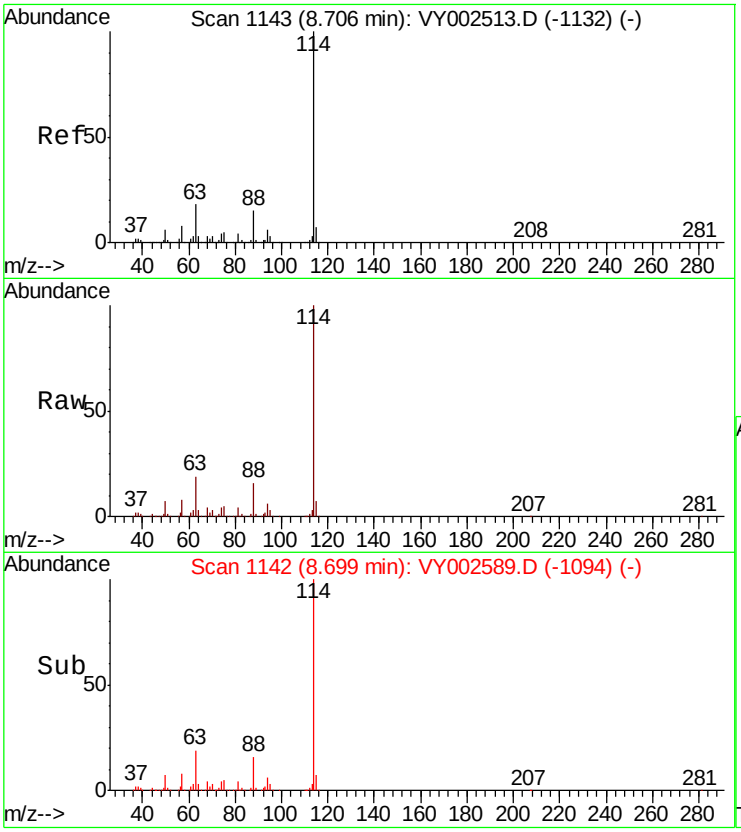


#33
1,2-Dichloroethane-d4
Concen: 56.009 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion: 65 Resp: 164608

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2



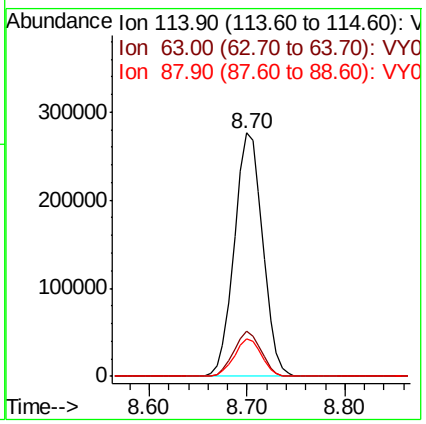


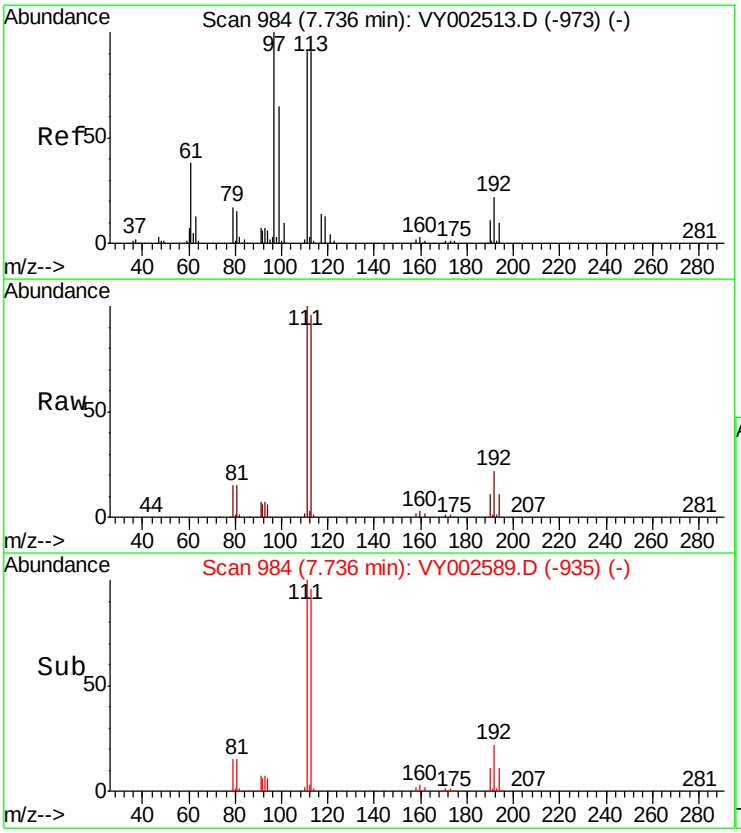
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 554858

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.4
88	15.5	0.0	29.6

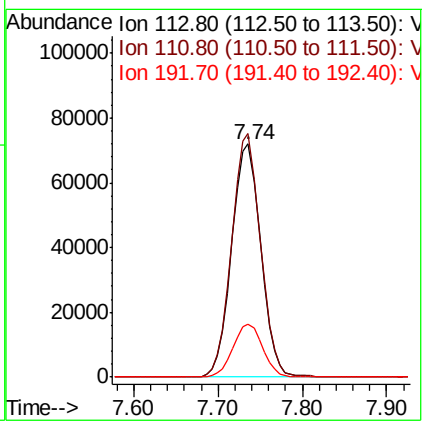


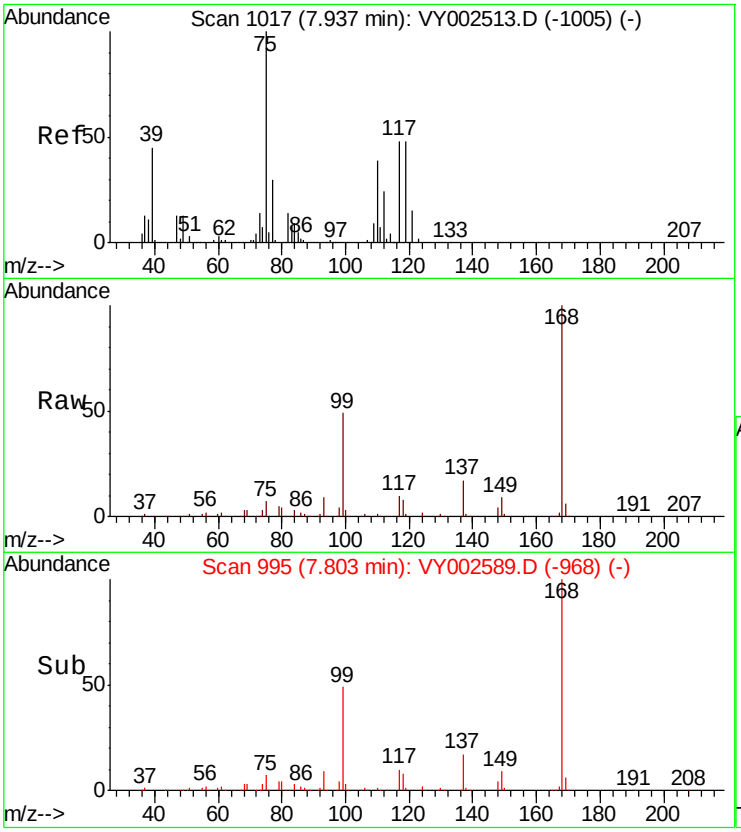


#35
Dibromofluoromethane
Concen: 53.038 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:113 Resp: 168303

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	23.1	18.2	27.4



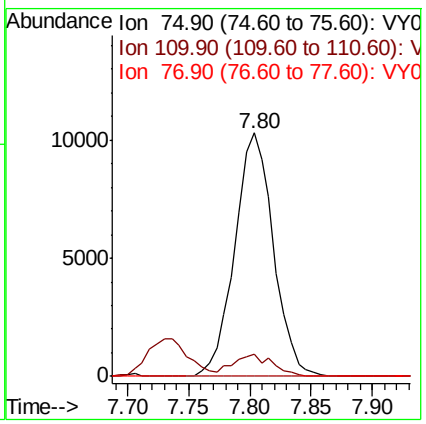


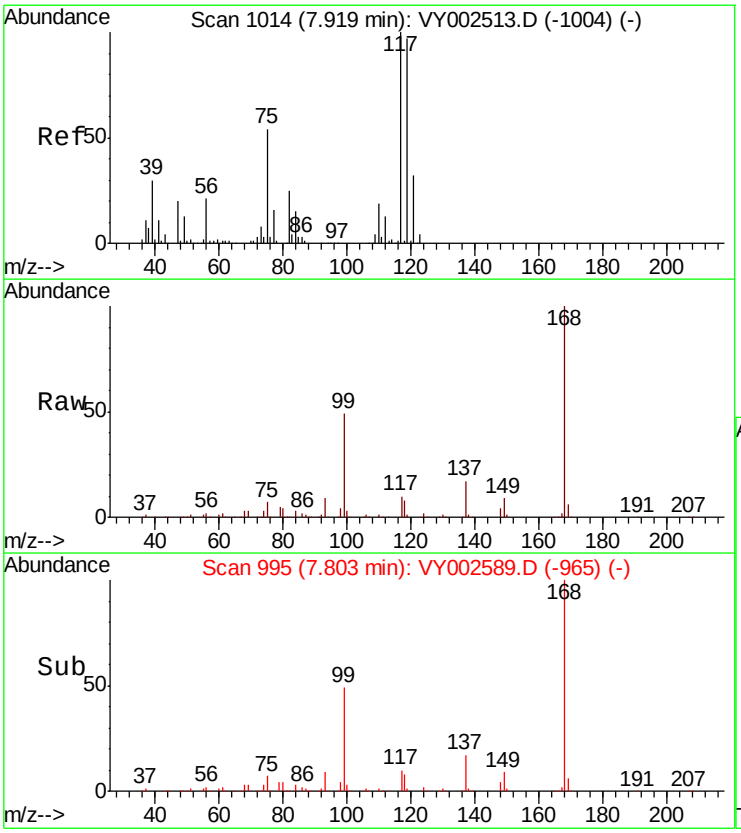
#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22619

Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.3#
77	0.0	24.6	37.0#

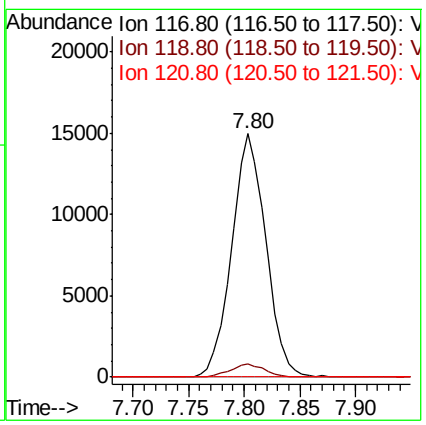


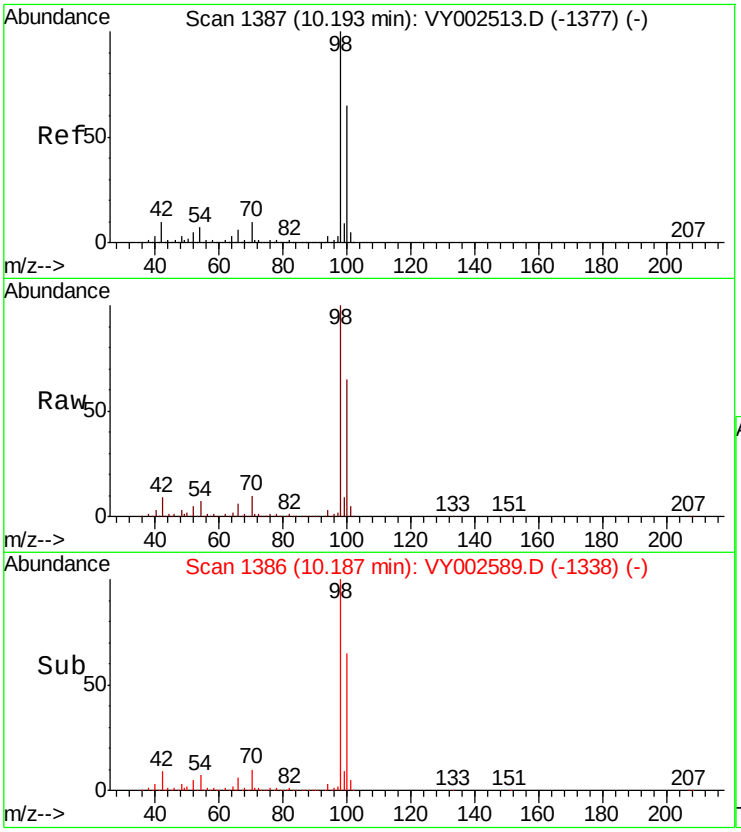


#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:117 Resp: 31793

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.1	115.7#
121	0.0	25.2	37.8#



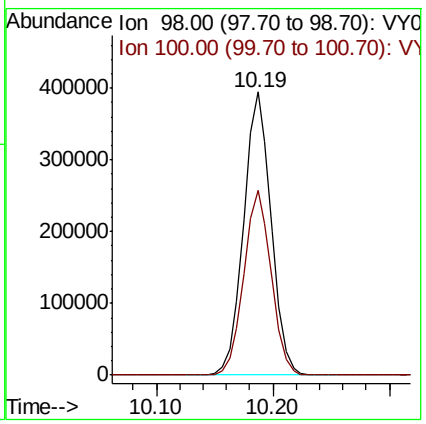


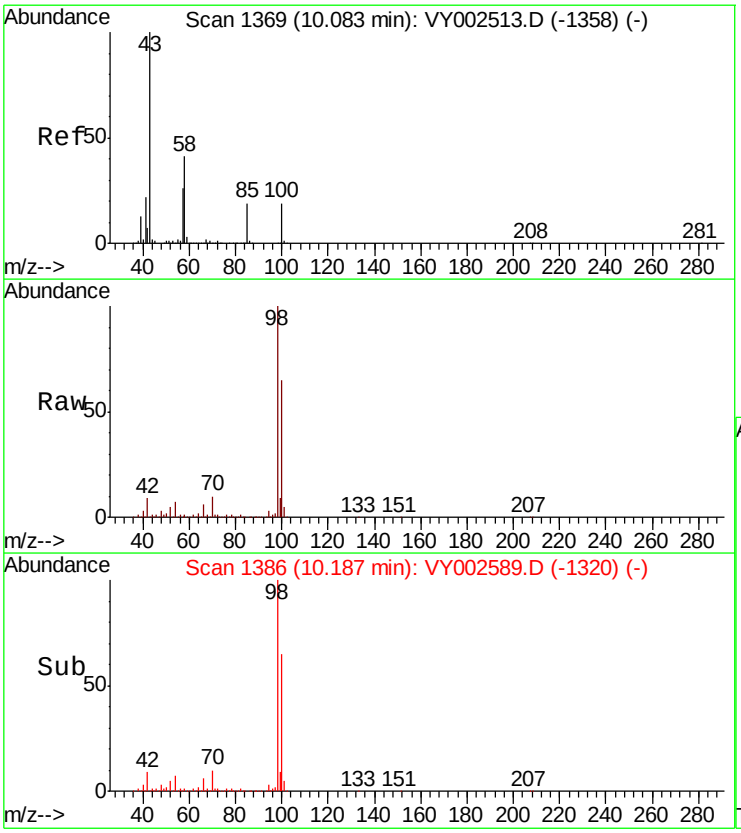
#50
Toluene-d8
Concen: 52.187 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 646696

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

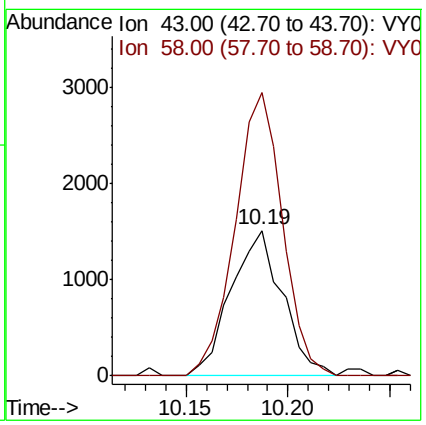


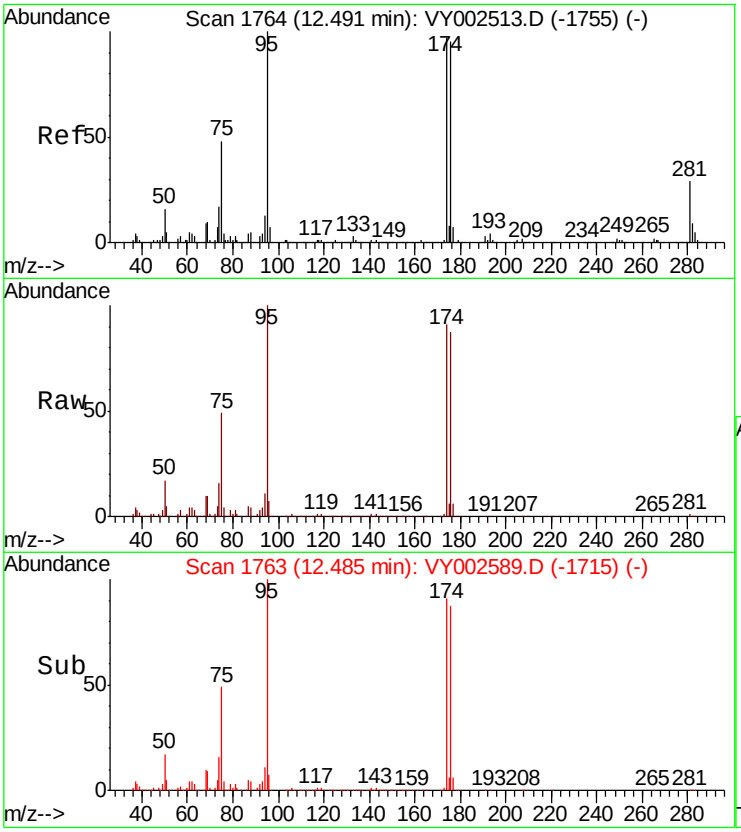


#51
4-Methyl-2-Pentanone
Concen: 1.147 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion: 43 Resp: 2649

Ion	Ratio	Lower	Upper
43	100		
58	178.7	33.2	49.8#



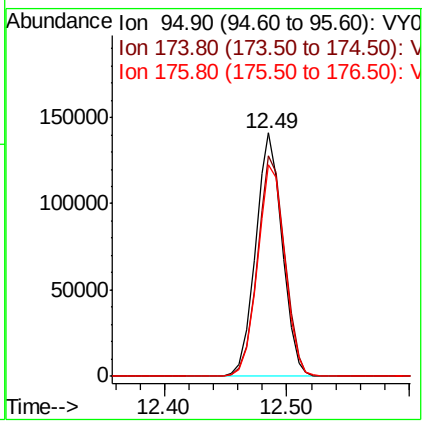


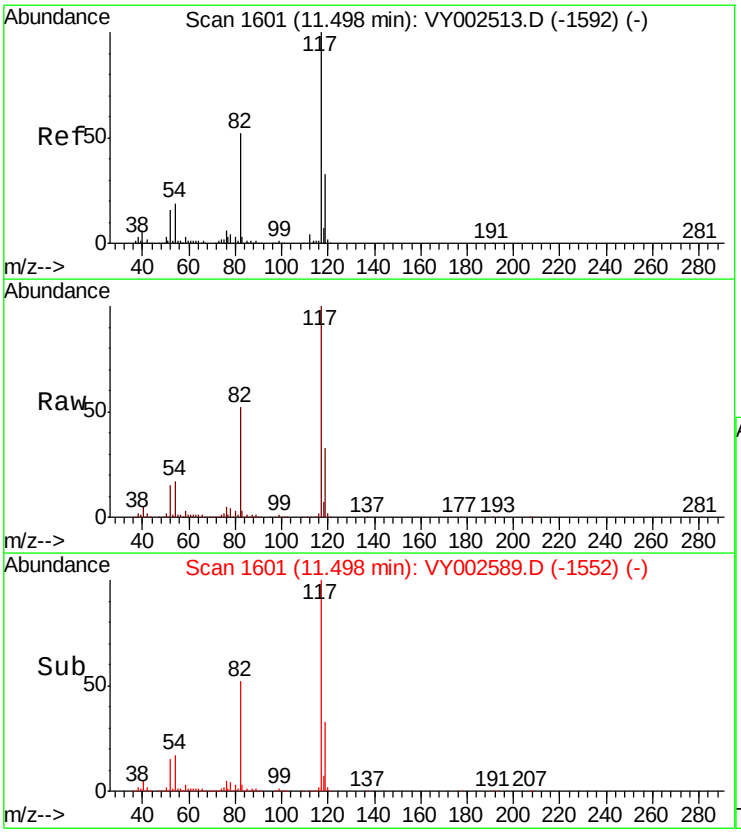
#62
4-Bromofluorobenzene
Concen: 50.718 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 213266

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	188.8
176	89.1	0.0	183.2

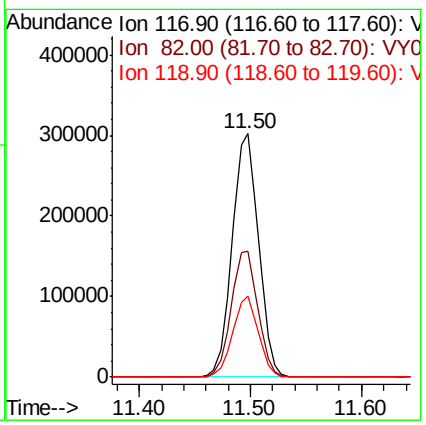


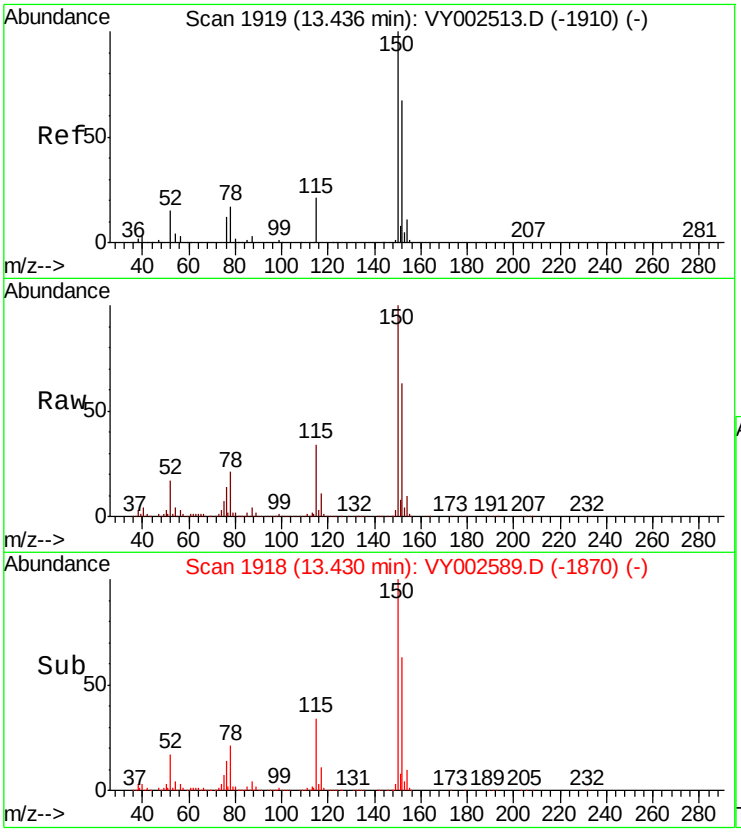


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:117 Resp: 494714

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.3	61.9
119	33.1	26.0	39.0



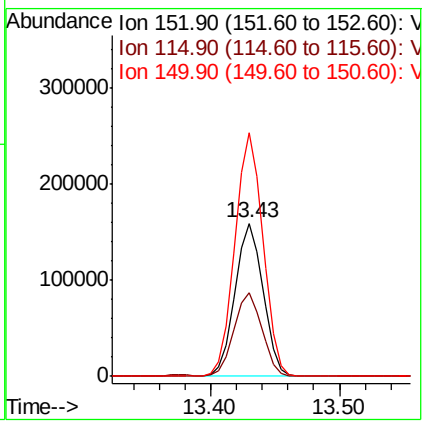


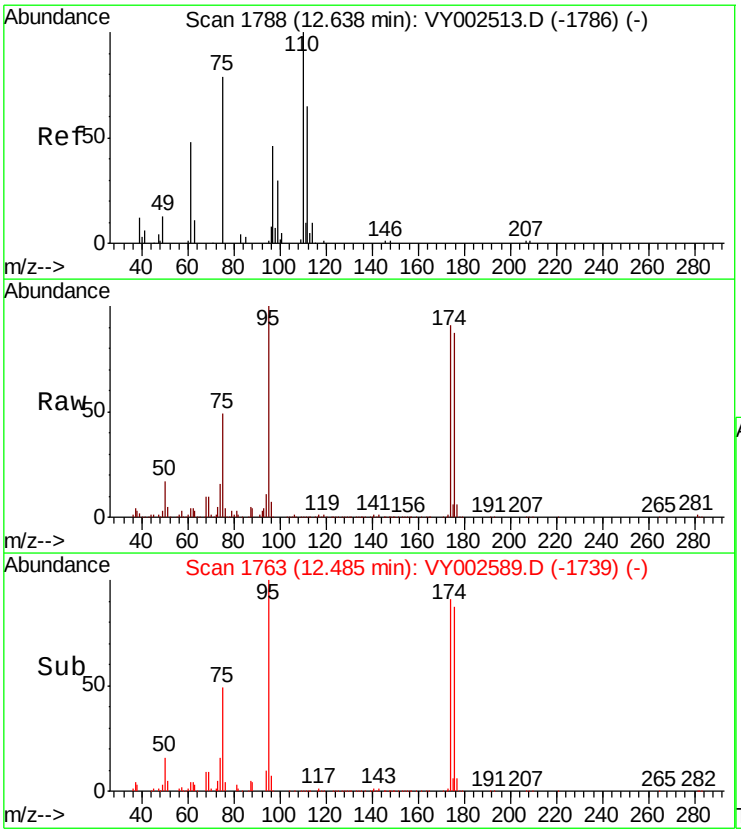
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 240710

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.5	82.4
150	158.7	0.0	346.4

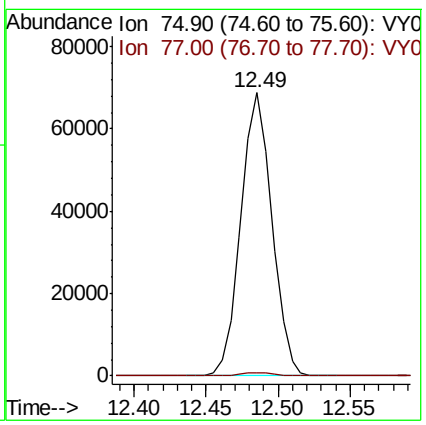


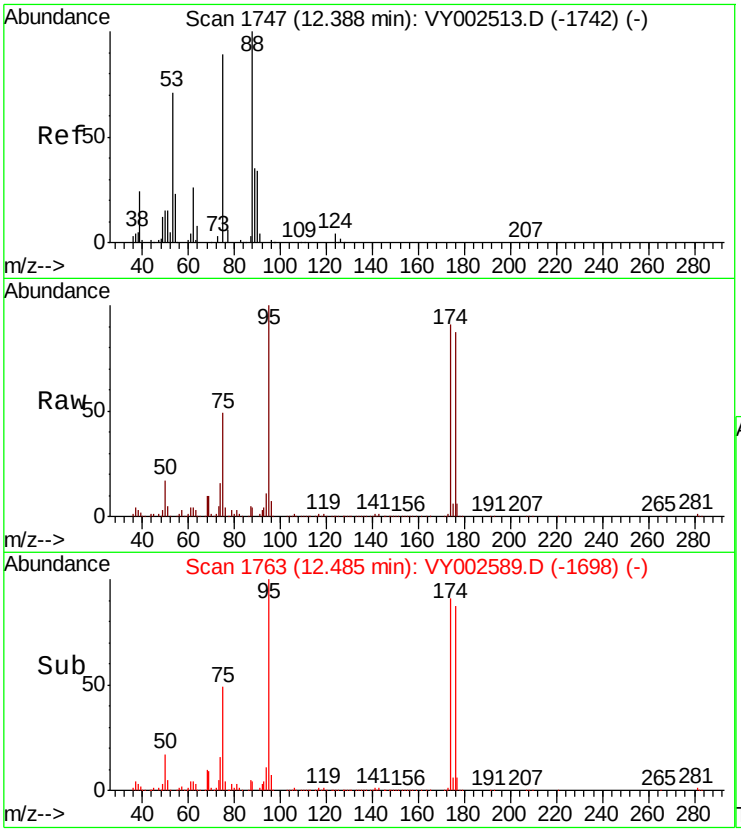


#76
1,2,3-Trichloropropane
Concen: 48.061 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion: 75 Resp: 102808

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



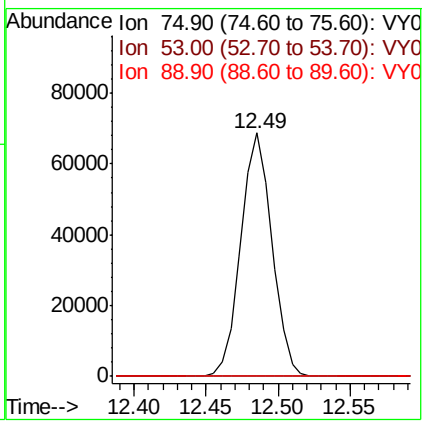


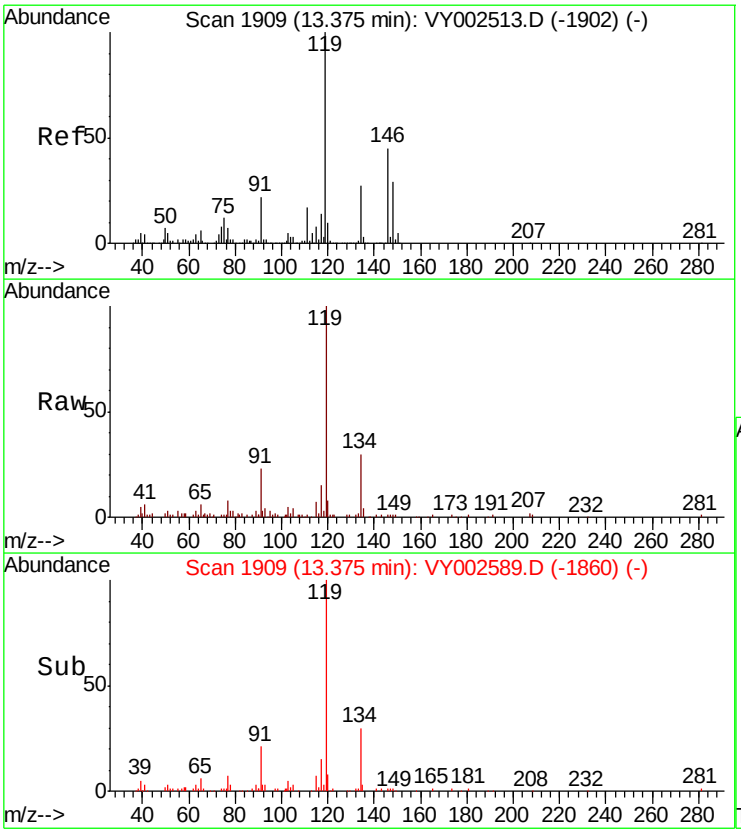
#81
trans-1,4-Dichloro-2-butene
Concen: 96.372 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 102808

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.0	37.4	56.0#





#86
p-Isopropyltoluene
Concen: 1.699 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VY002589.D
Acq: 05 May 2020 16:13

Tgt Ion:119 Resp: 25041

Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.5	40.5
91	21.9	10.9	32.9