Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001043.D
Acq On : 24 Dec 2019 13:25
Operator : SY/MD
Sample : K6396-10
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Quant Time: Dec 25 01:37:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	75	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	330	446.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 892.24%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.19	98	755	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
62) 4-Bromofluorobenzene	12.49	95	377	67.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 134.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.89	85	25	38.254	ug/l #	43
3) Chloromethane	2.11	50	21	23.610	ug/l #	1
5) Bromomethane	2.46	94	24	43.654	ug/l #	3
8) Diethyl Ether	3.47	74	23	44.473	ug/l #	3
10) Methyl Iodide	4.13	142	48	41.745	ug/l #	44
13) Acrolein	3.73	56	19	188.540	ug/l #	15
14) Allyl chloride	4.38	41	39	29.796	ug/l #	27
16) Acetone	3.94	43	214	1255.802	ug/l #	35
18) Methyl Acetate	4.53	43	39	59.653	ug/l #	49
19) Methyl tert-butyl Ether	5.29	73	61	28.050	ug/l #	52
21) trans-1,2-Dichloroethene	5.23	96	20	21.418	ug/l #	1
23) Vinyl Acetate	6.05	43	29	17.356	ug/l #	69
25) 2-Butanone	7.00	43	67	223.807	ug/l #	1
26) 2,2-Dichloropropane	6.99	77	25	19.463	ug/l #	51
27) cis-1,2-Dichloroethene	6.98	96	23	22.420	ug/l #	1
28) Bromochloromethane	7.33	49	41	67.210	ug/l #	14
29) Tetrahydrofuran	7.35	42	70	328.722	ug/l #	58
37) Ethyl Acetate	7.10	43	26	7.402	ug/l #	66
40) Benzene	8.18	78	23	1.202	ug/l #	54
41) Methacrylonitrile	7.36	41	44	28.891	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	33	7.212	ug/l #	1
43) Isopropyl Acetate	8.13	43	24	3.691	ug/l #	50
44) Trichloroethene	8.94	130	78	15.468	ug/l	2
48) Methyl methacrylate	9.28	41	22	7.928	ug/l #	1
51) 4-Methyl-2-Pentanone	10.07	43	503	148.408	ug/l #	59
52) Toluene	10.24	92	139	11.800	ug/l #	48
59) 2-Hexanone	10.83	43	374	159.475	ug/l #	50
61) 1,2-Dibromoethane	11.24	107	22	6.226	ug/l #	3
65) Chlorobenzene	11.50	112	45	2.119	ug/l #	43
67) Ethyl Benzene	11.59	91	504	13.192	ug/l #	43
68) m/p-Xylenes	11.70	106	250	17.234	ug/l #	32
69) o-Xylene	12.03	106	124	9.086	ug/l #	1
70) Styrene	12.05	104	66	2.844	ug/l #	1
73) Isopropylbenzene	12.32	105	375	11.296	ug/l #	48

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001043.D
Acq On : 24 Dec 2019 13:25
Operator : SY/MD
Sample : K6396-10
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Quant Time: Dec 25 01:37:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) N-amyl acetate	11.96	43	95	10.893	ug/l	#	39
75) 1,1,2,2-Tetrachloroethane	12.35	83	37	5.657	ug/l	#	25
76) 1,2,3-Trichloropropane	12.63	75	48	9.076	ug/l	#	100
77) Bromobenzene	12.61	156	133	17.813	ug/l	#	3
78) n-propylbenzene	12.67	91	486	12.014	ug/l		100
79) 2-Chlorotoluene	12.75	91	457	20.457	ug/l	#	48
80) 1,3,5-Trimethylbenzene	12.80	105	508	18.668	ug/l	#	50
81) trans-1,4-Dichloro-2-buten	12.47	75	80	32.262	ug/l	#	19
82) 4-Chlorotoluene	12.86	91	537	23.143	ug/l	#	61
83) tert-Butylbenzene	13.07	119	248	10.857	ug/l		97
84) 1,2,4-Trimethylbenzene	13.11	105	401	14.664	ug/l		66
85) sec-Butylbenzene	13.24	105	587	17.431	ug/l	#	56
86) p-Isopropyltoluene	13.36	119	450	15.443	ug/l	#	59
87) 1,3-Dichlorobenzene	13.45	146	292	20.363	ug/l		80
88) 1,4-Dichlorobenzene	13.45	146	292	20.186	ug/l		79
89) n-Butylbenzene	13.70	91	321	10.949	ug/l		90
90) Hexachloroethane	13.87	117	45	8.197	ug/l	#	16
91) 1,2-Dichlorobenzene	13.73	146	441	33.339	ug/l	#	59
92) 1,2-Dibromo-3-Chloropropan	14.13	75	63	57.577	ug/l	#	15
93) 1,2,4-Trichlorobenzene	15.00	180	19	2.128	ug/l	#	13
95) Naphthalene	15.23	128	337	16.050	ug/l	#	70

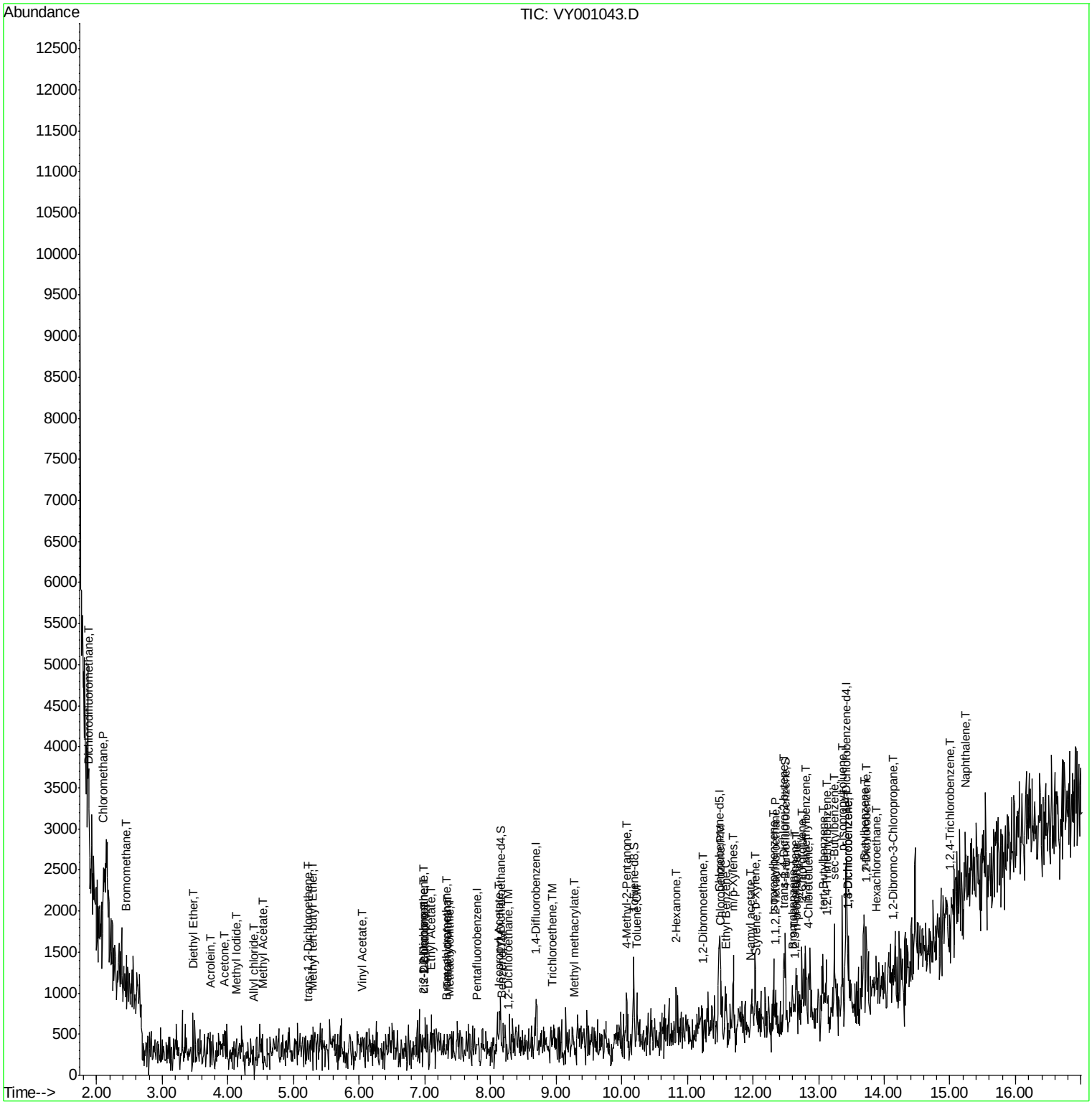
(#) = qualifier out of range (m) = manual integration (+) = signals summed

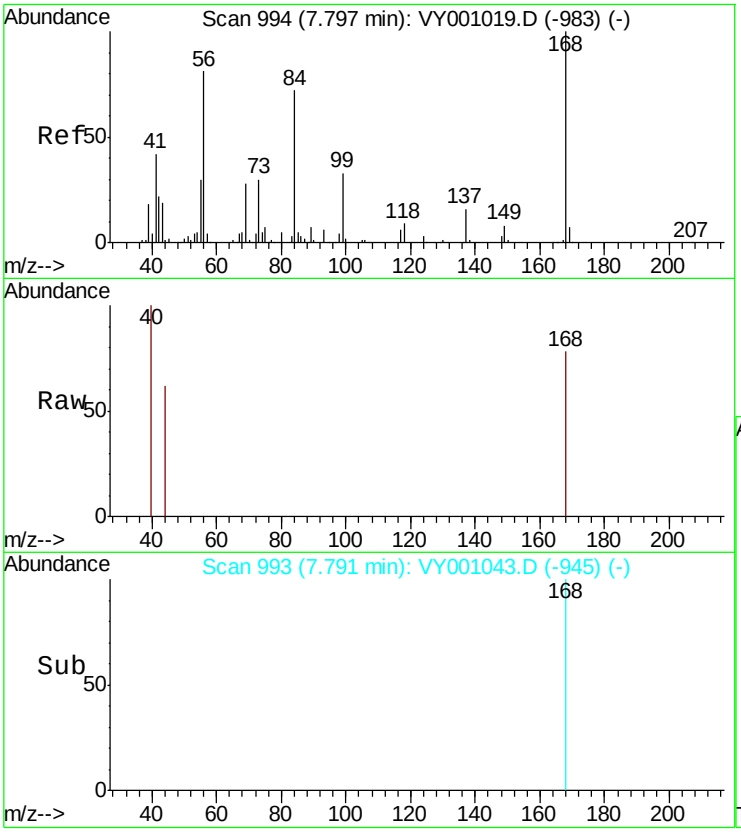
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
Data File : VY001043.D
Acq On : 24 Dec 2019 13:25
Operator : SY/MD
Sample : K6396-10
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Quant Time: Dec 25 01:37:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



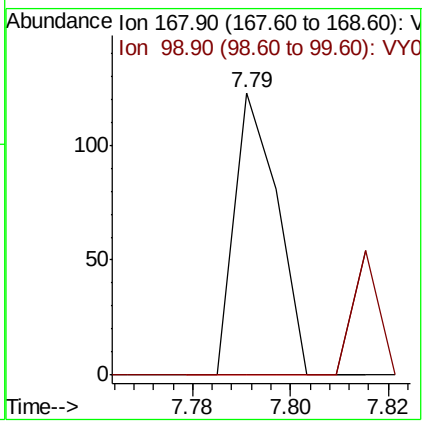


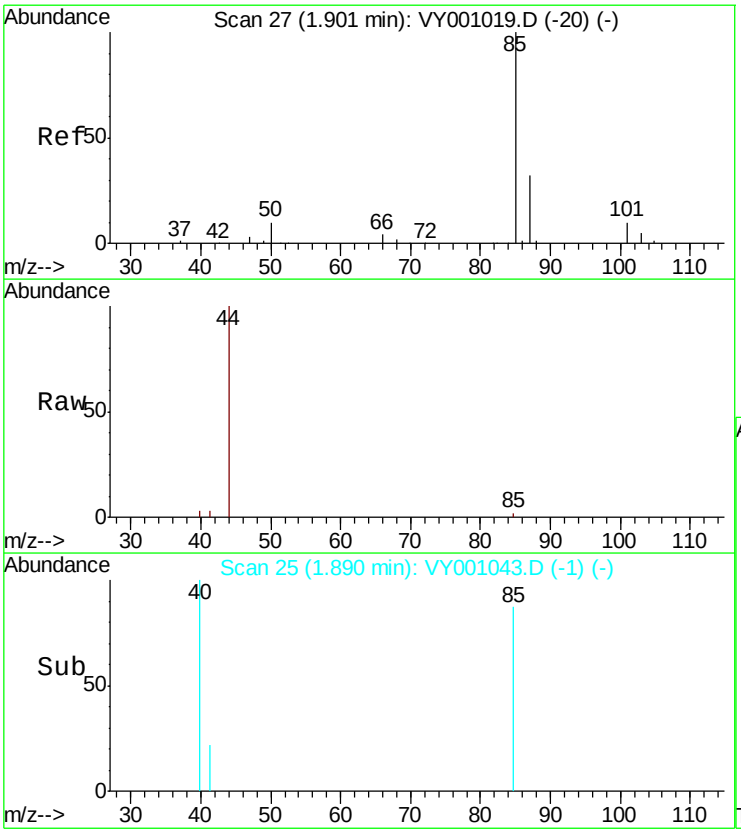
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:168 Resp: 75

Ion	Ratio	Lower	Upper
168	100		
99	0.0	44.0	66.0#

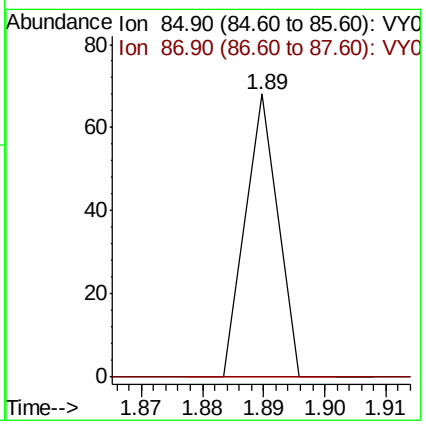


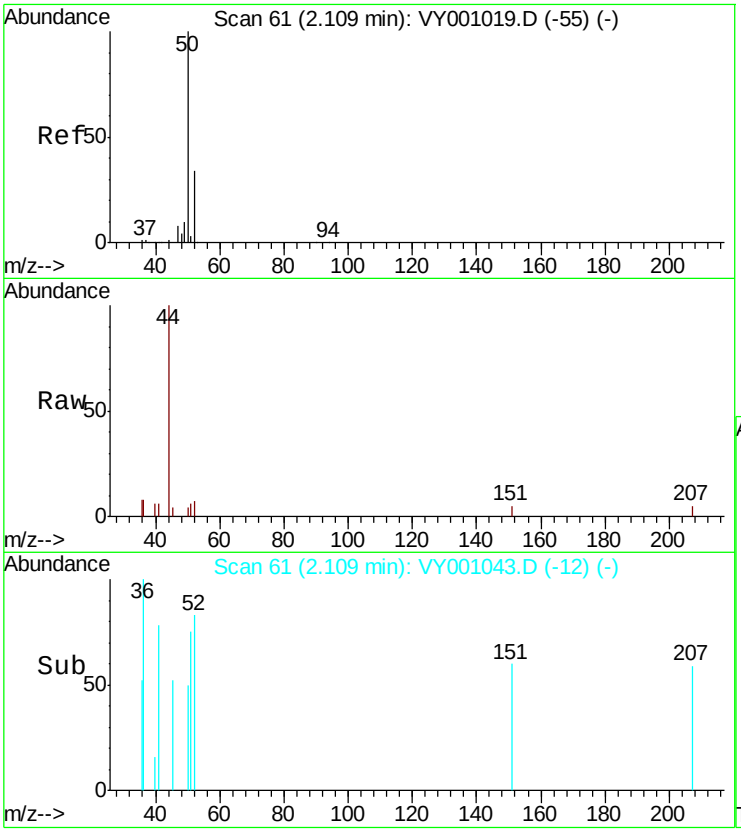


#2
Dichlorodifluoromethane
Concen: 38.254 ug/l
RT: 1.89 min Scan# 25
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 85 Resp: 25

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



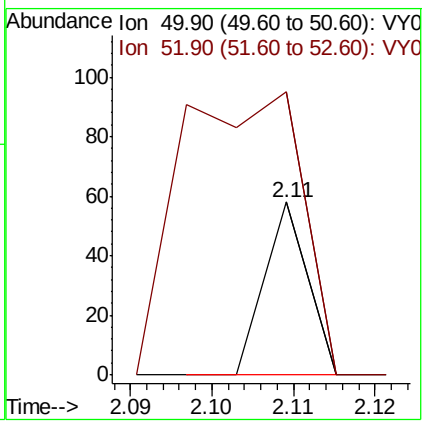


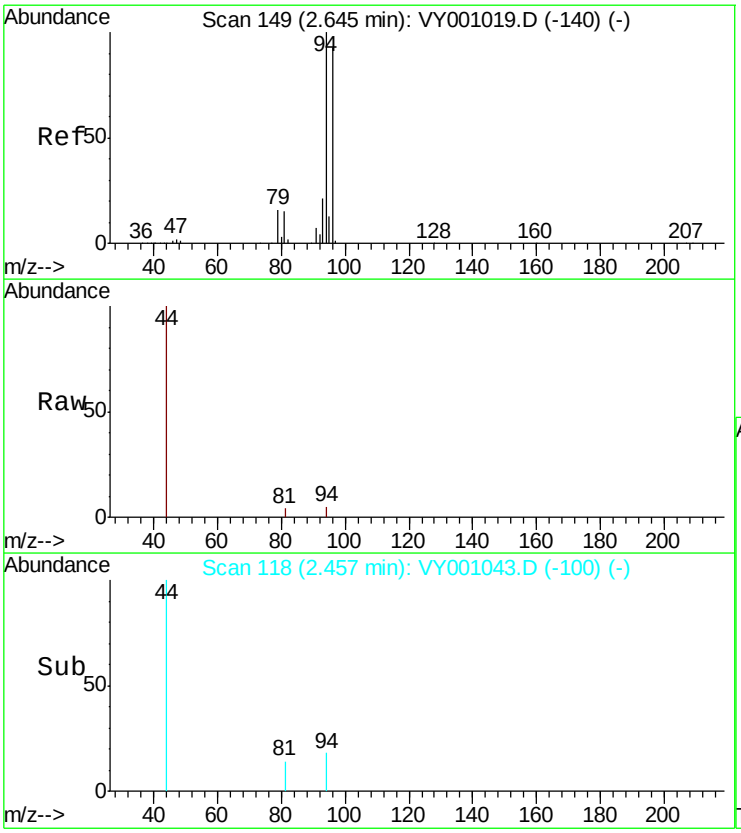
#3
Chloromethane
Concen: 23.610 ug/l
RT: 2.11 min Scan# 61
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 50 Resp: 21

Ion	Ratio	Lower	Upper
50	100		
52	163.8	27.1	40.7#

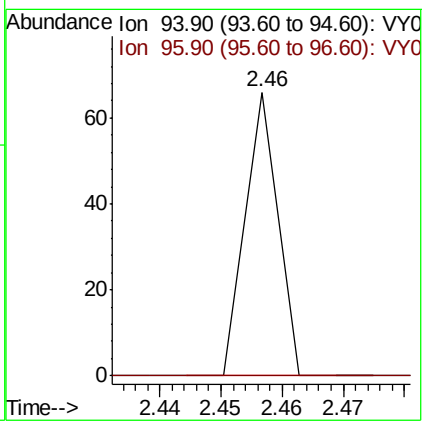


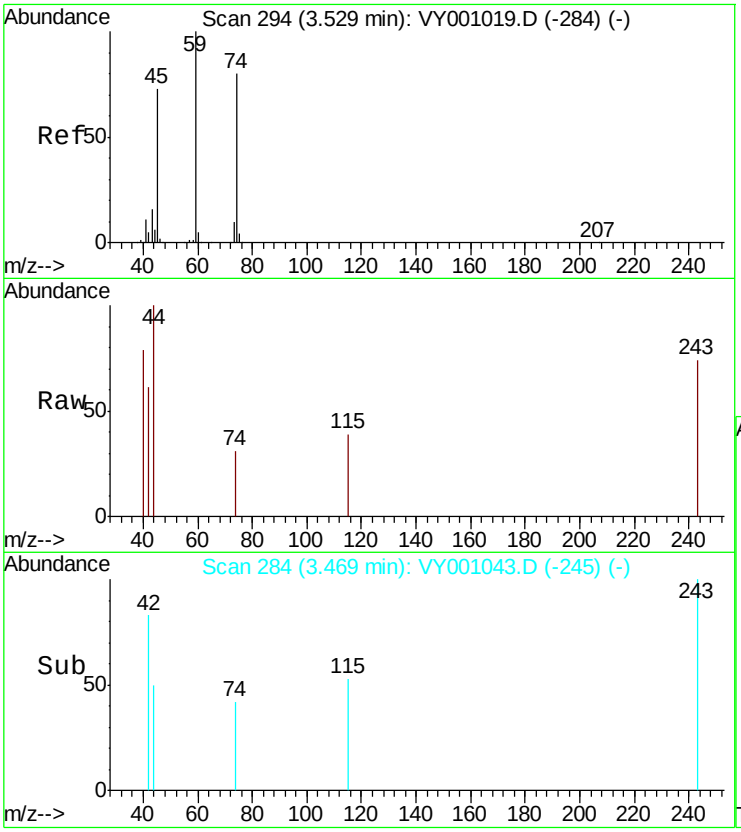


#5
Bromomethane
Concen: 43.654 ug/l
RT: 2.46 min Scan# 118
Delta R.T. -0.19 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 94 Resp: 24

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.4#



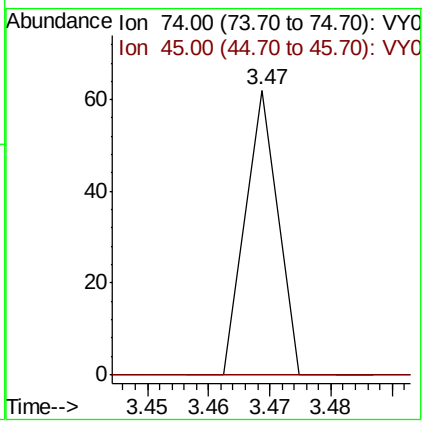


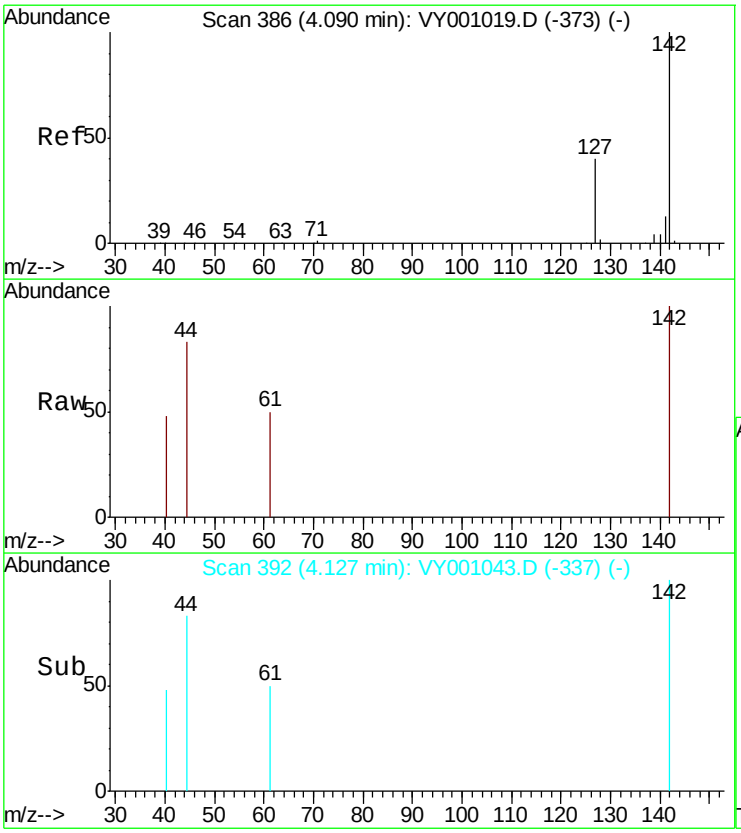
#8
Diethyl Ether
Concen: 44.473 ug/l
RT: 3.47 min Scan# 284
Delta R.T. -0.06 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 74 Resp: 23

Ion	Ratio	Lower	Upper
74	100		
45	0.0	46.4	139.2#

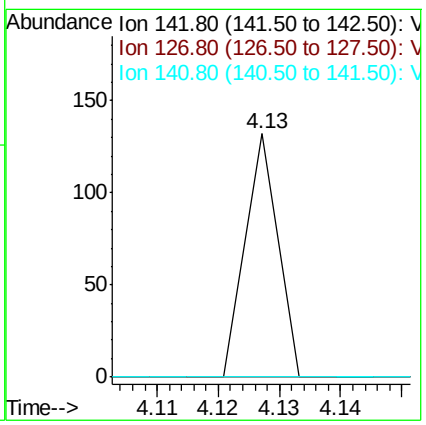


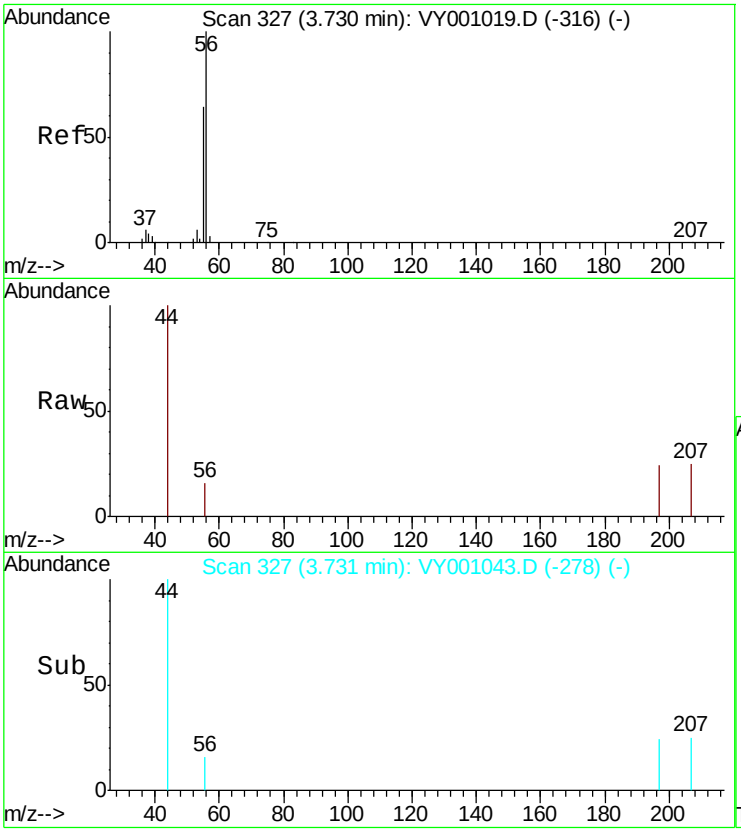


#10
Methyl Iodide
Concen: 41.745 ug/l
RT: 4.13 min Scan# 392
Delta R.T. 0.04 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:142 Resp: 48

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.2	46.8#
141	0.0	11.0	16.4#



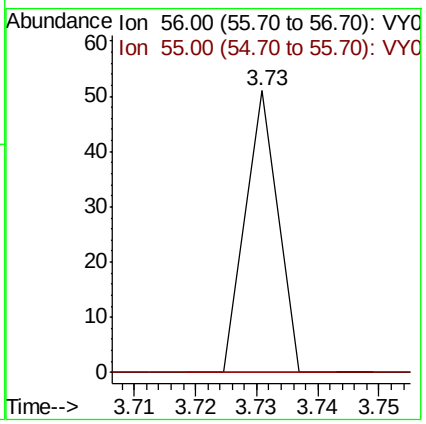


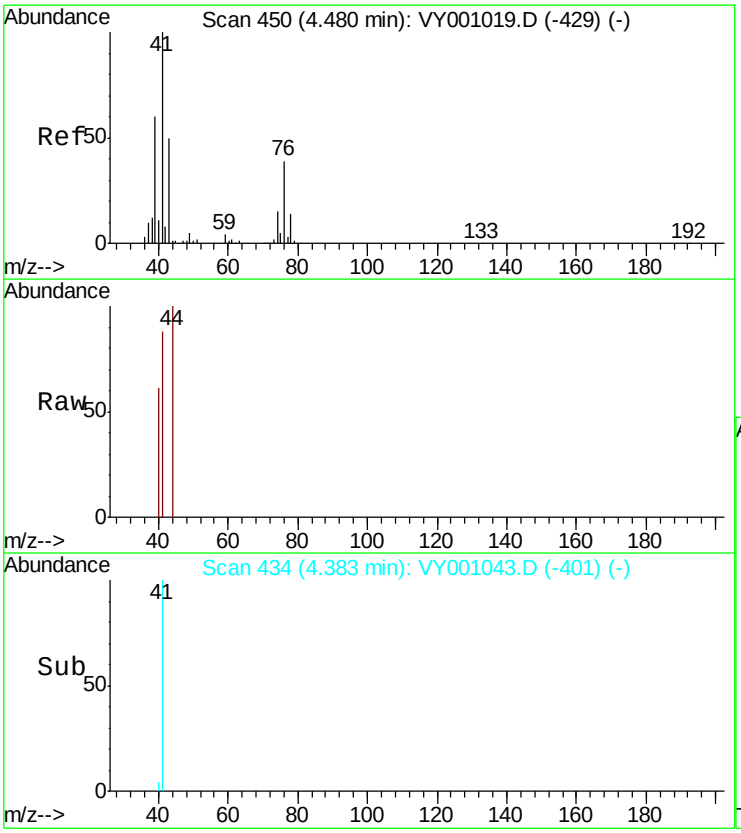
#13
Acrolein
Concen: 188.540 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.6	83.4#

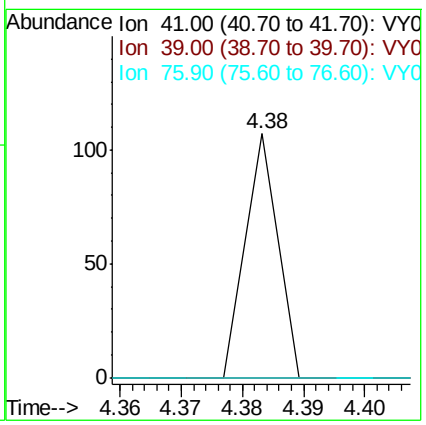


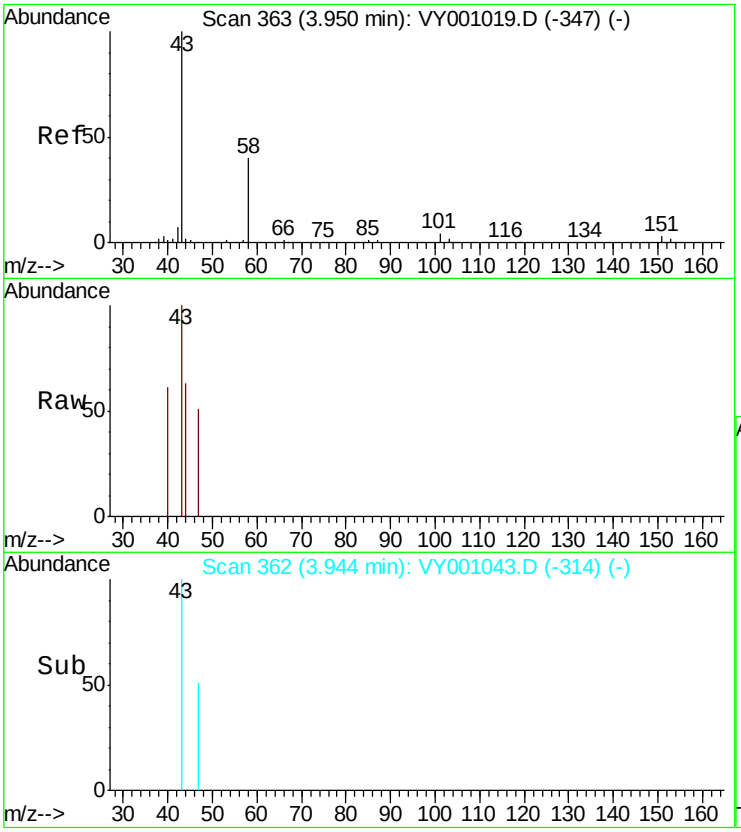


#14
Allyl chloride
Concen: 29.796 ug/l
RT: 4.38 min Scan# 434
Delta R.T. -0.10 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 41 Resp: 39

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
76	0.0	32.6	48.8#



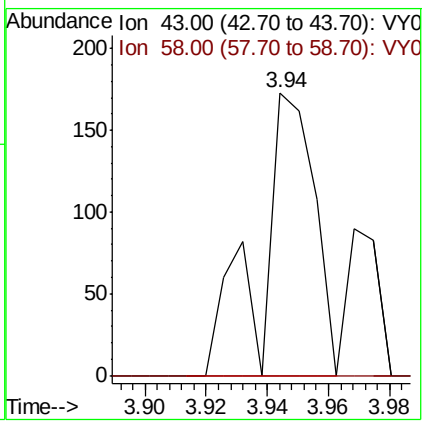


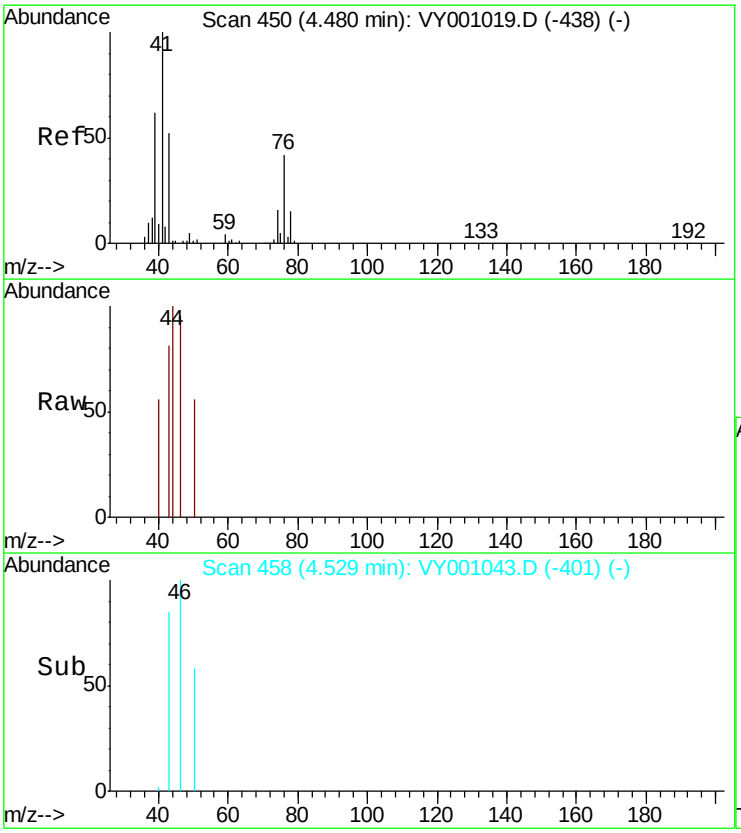
#16
Acetone
Concen: 1255.802 ug/l
RT: 3.94 min Scan# 362
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 43 Resp: 214

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.1	48.1#

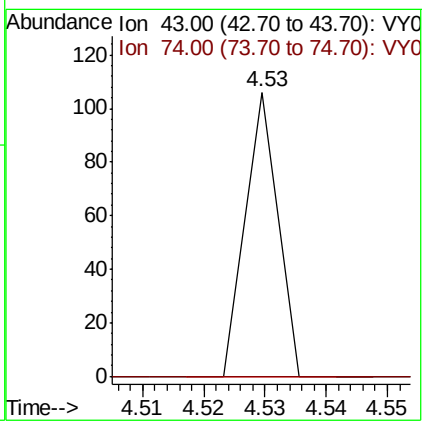


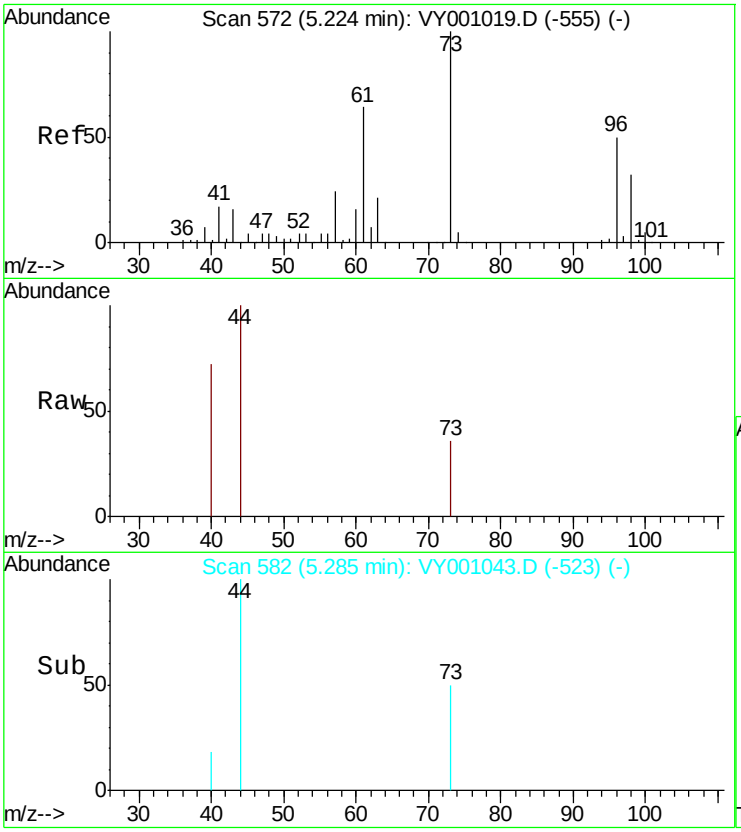


#18
Methyl Acetate
Concen: 59.653 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.05 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 39

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.7	31.1#



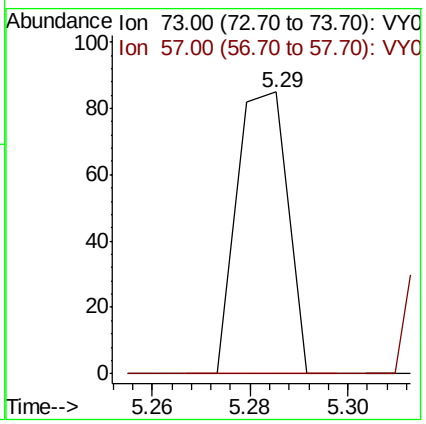


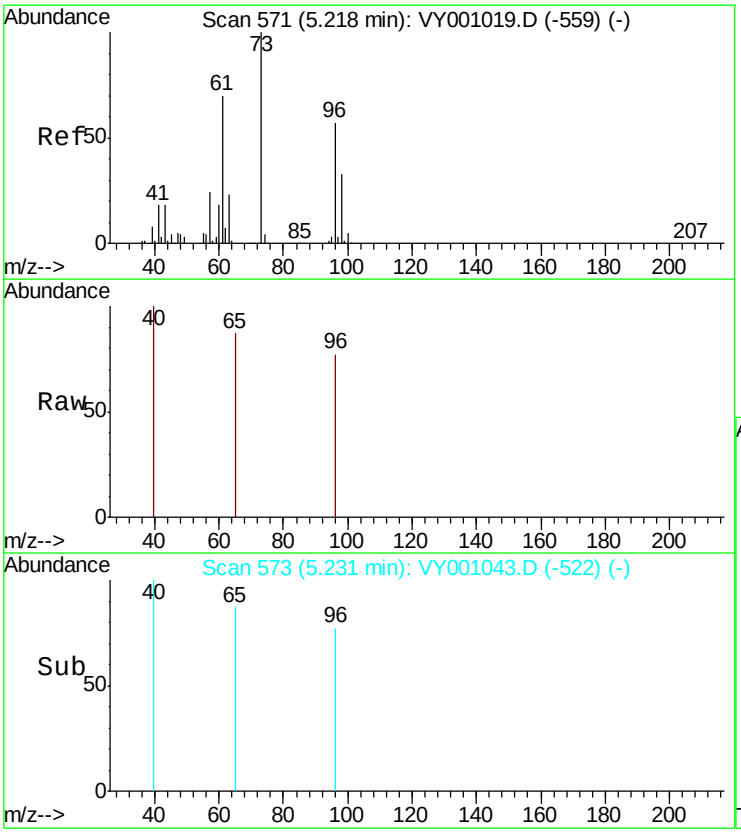
#19
Methyl tert-butyl Ether
Concen: 28.050 ug/l
RT: 5.29 min Scan# 582
Delta R.T. 0.06 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 73 Resp: 61

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.0	28.6#

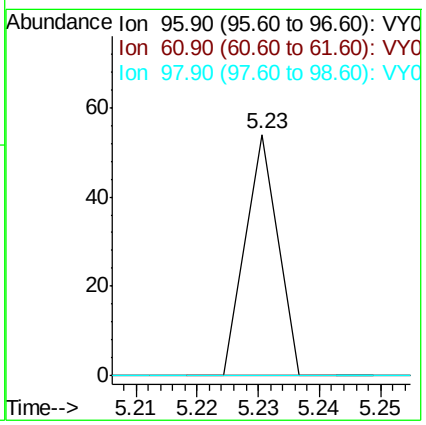


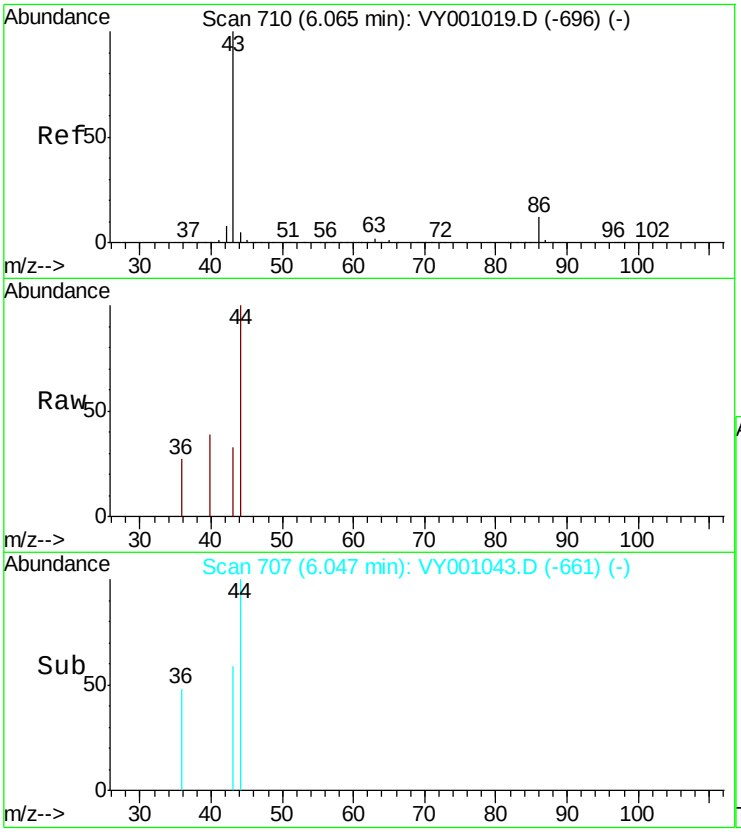


#21
trans-1,2-Dichloroethene
Concen: 21.418 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 96 Resp: 20

Ion	Ratio	Lower	Upper
96	100		
61	0.0	98.1	147.1#
98	0.0	47.2	70.8#



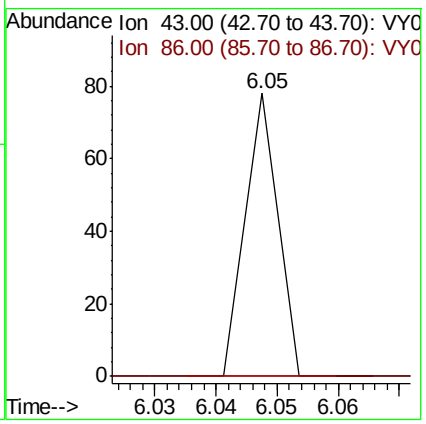


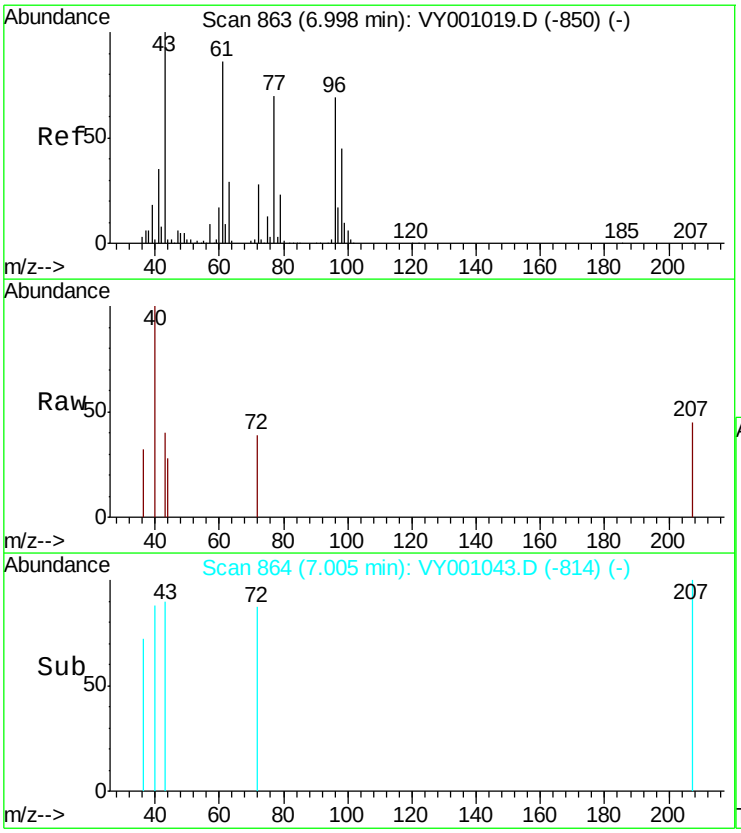
#23
Vinyl Acetate
Concen: 17.356 ug/l
RT: 6.05 min Scan# 707
Delta R.T. -0.02 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 43 Resp: 29

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.5	14.3#

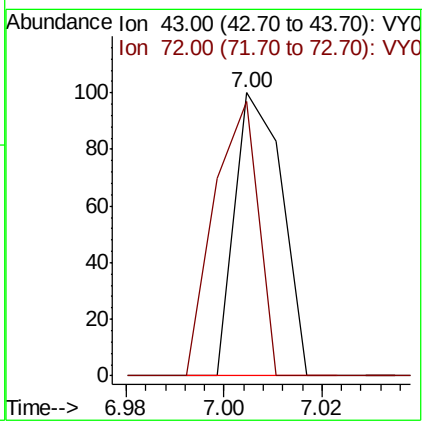


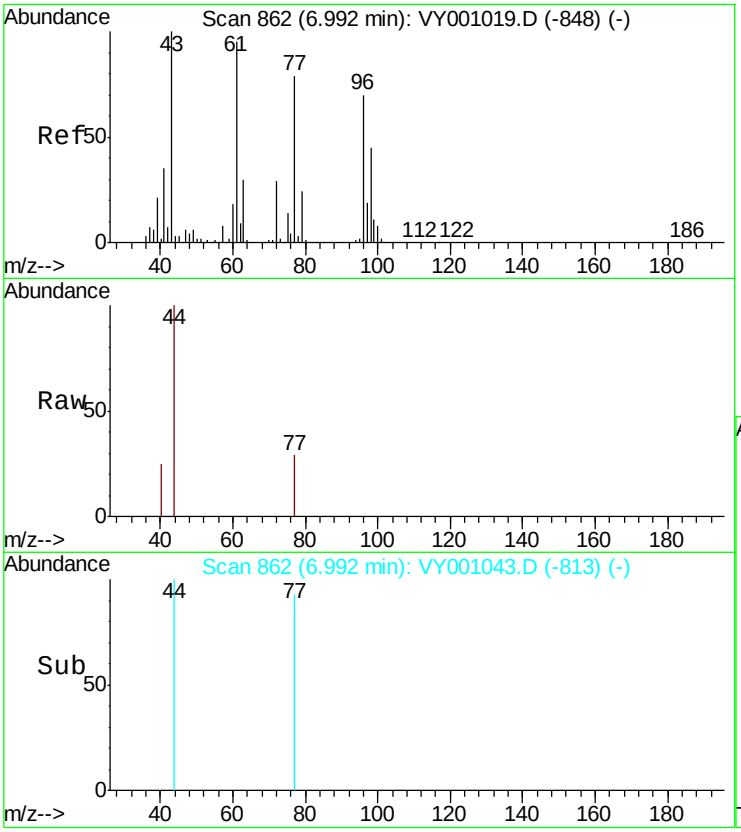


#25
2-Butanone
Concen: 223.807 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
72	97.0	22.4	33.6#



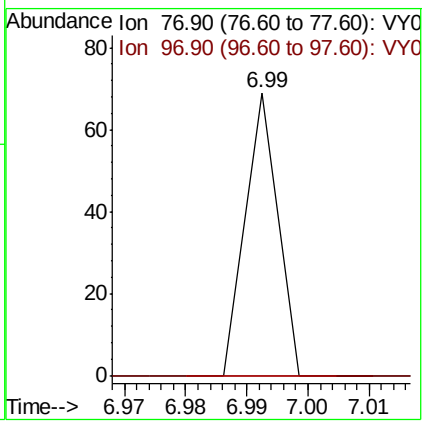


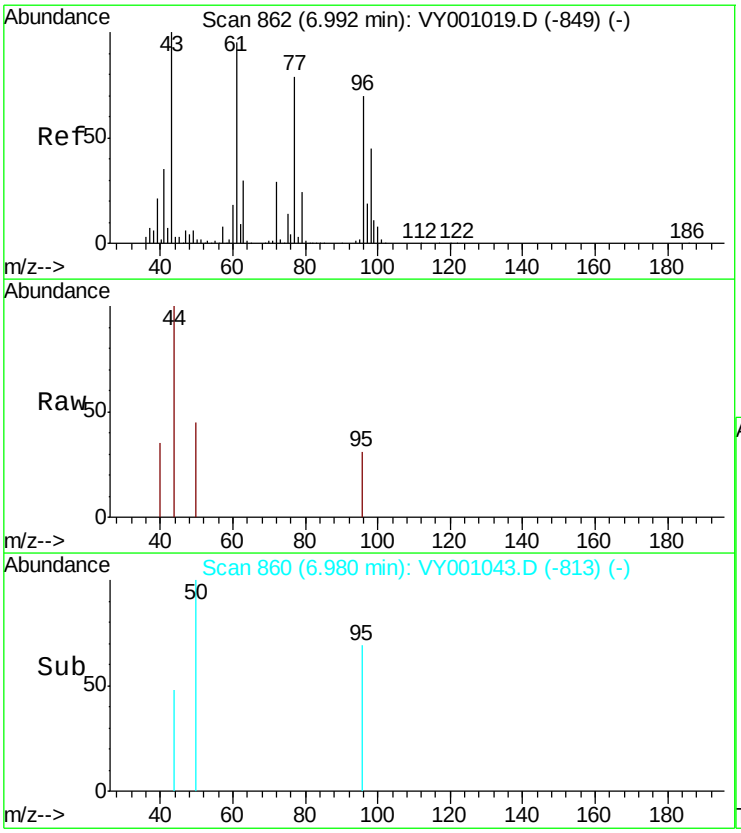
#26
2,2-Dichloropropane
Concen: 19.463 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 77 Resp: 25

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.0	36.1#

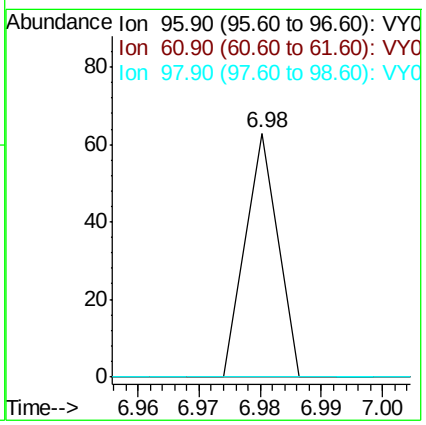


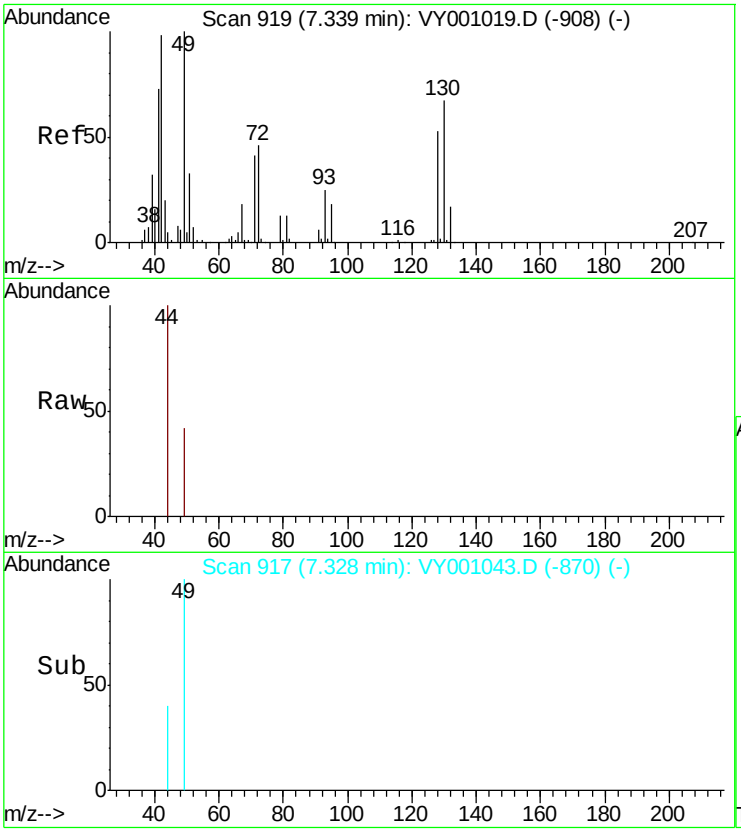


#27
cis-1,2-Dichloroethene
Concen: 22.420 ug/l
RT: 6.98 min Scan# 860
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 96 Resp: 23

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	268.2
98	0.0	0.0	129.2



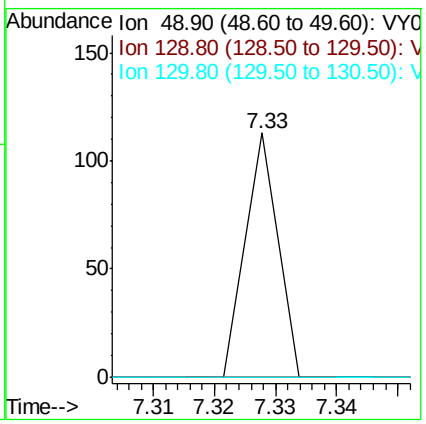


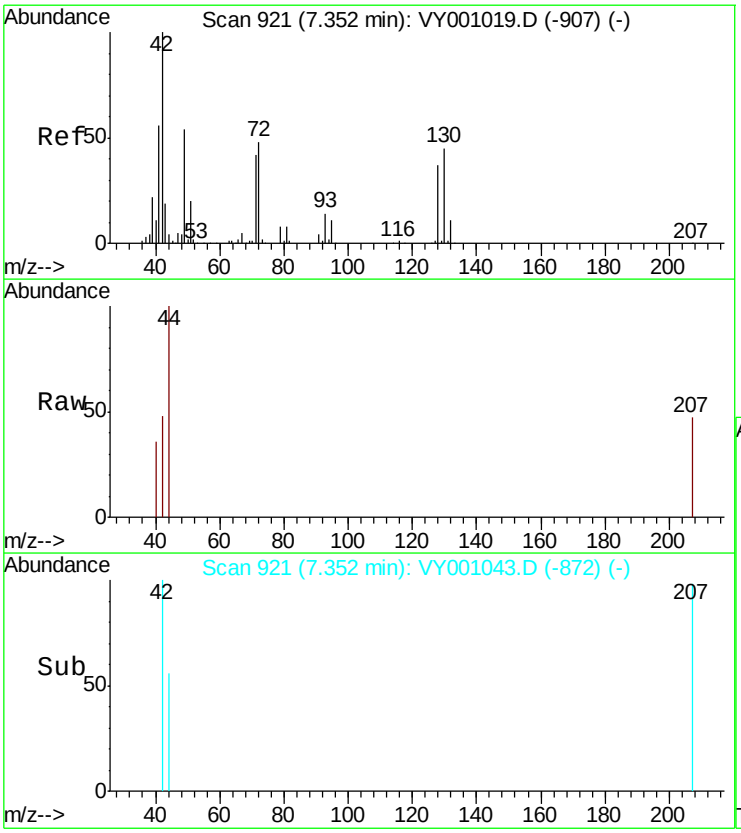
#28
Bromochloromethane
Concen: 67.210 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 49 Resp: 41

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	60.4	90.6#

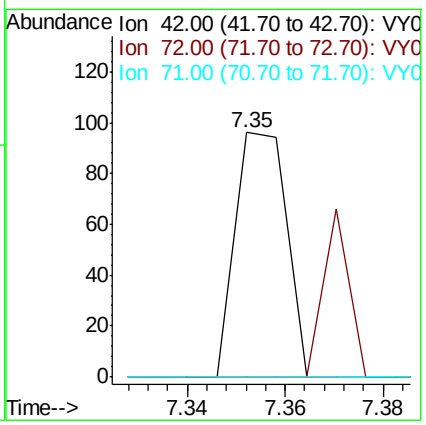


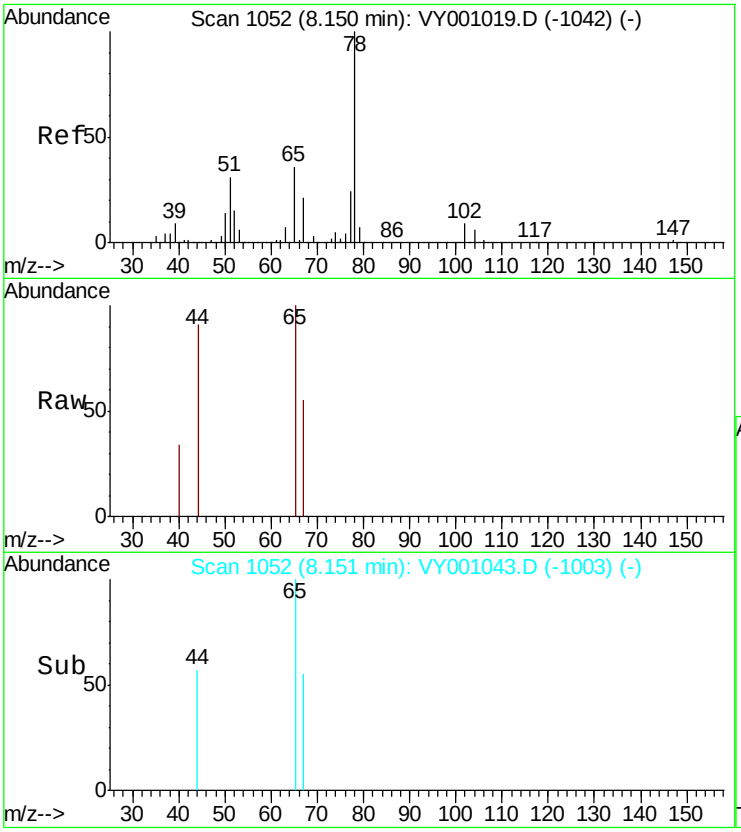


#29
Tetrahydrofuran
Concen: 328.722 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
72	34.3	37.7	56.5#
71	0.0	34.6	51.8#



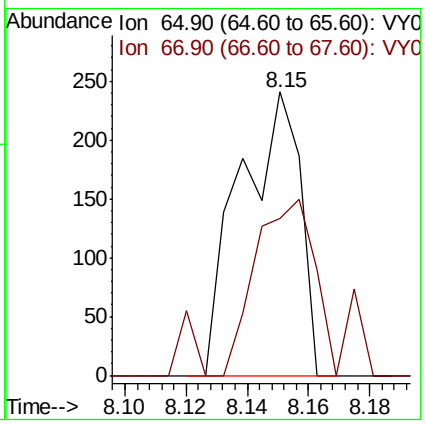


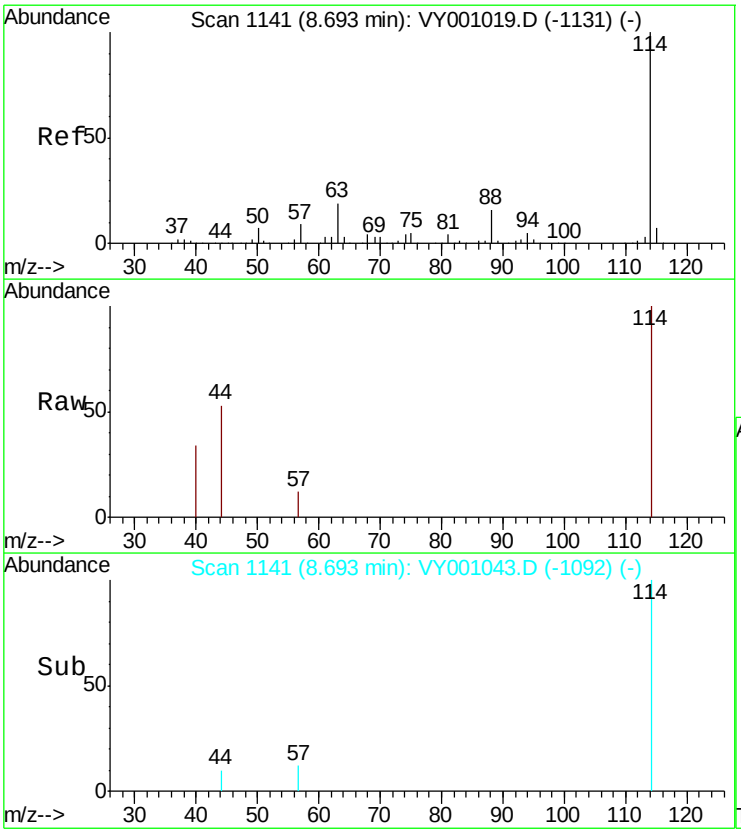
#33
1,2-Dichloroethane-d4
Concen: 446.122 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 65 Resp: 330

Ion	Ratio	Lower	Upper
65	100		
67	69.4	0.0	112.8

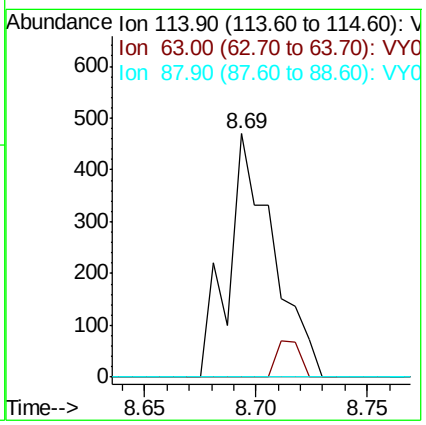


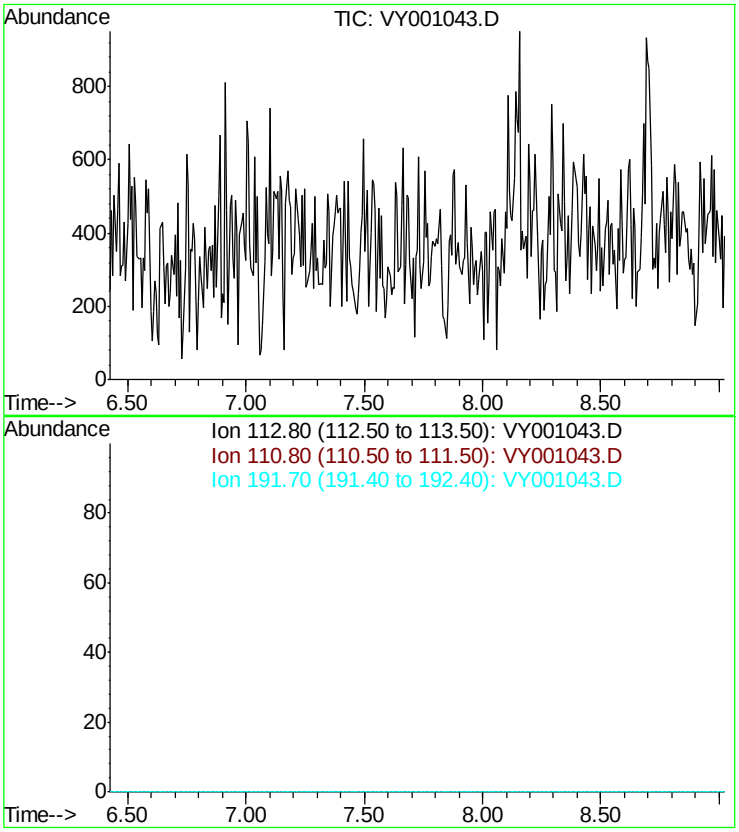


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:114 Resp: 665

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	37.0
88	0.0	0.0	32.0





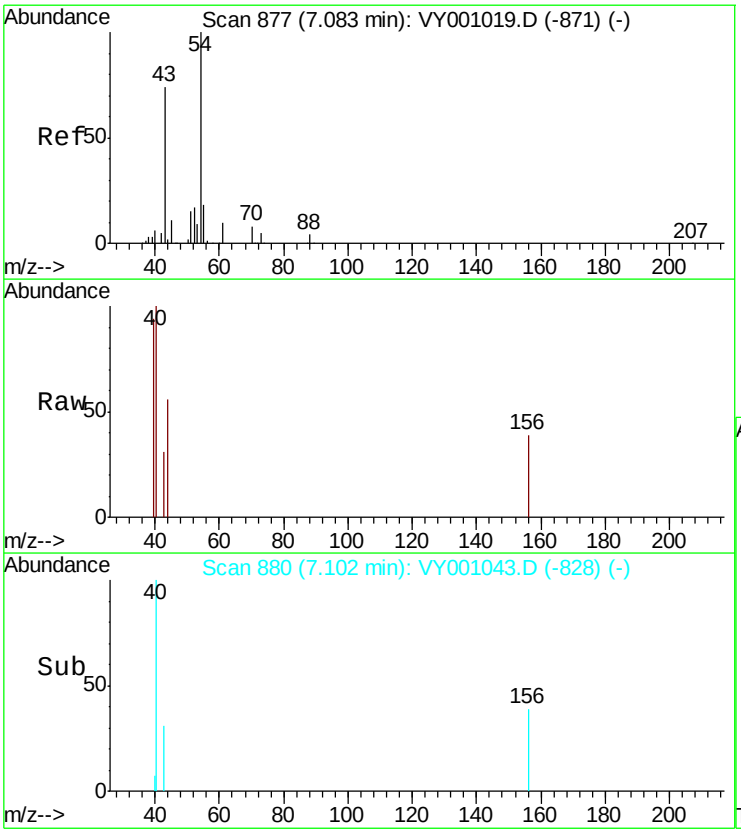
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.72 min

Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	103.7
192	18.2

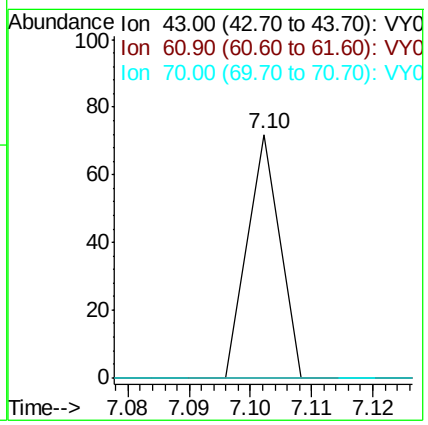
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

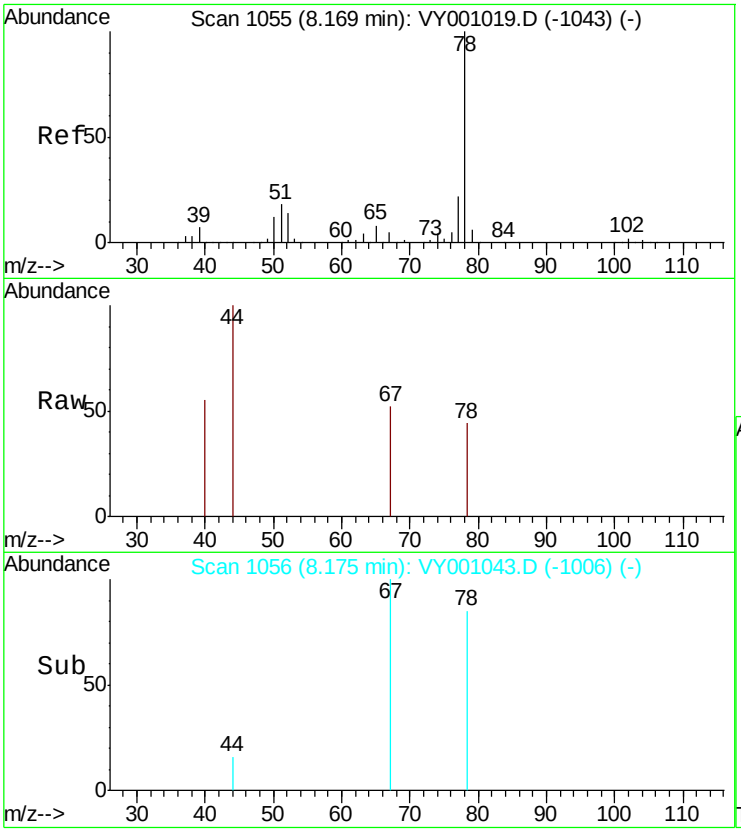


#37
Ethyl Acetate
Concen: 7.402 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.02 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 26

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.5	18.7#
70	0.0	9.0	13.4#



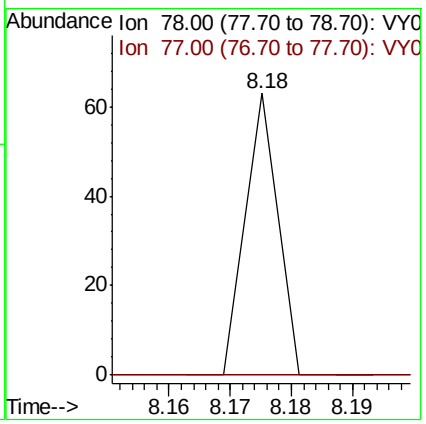


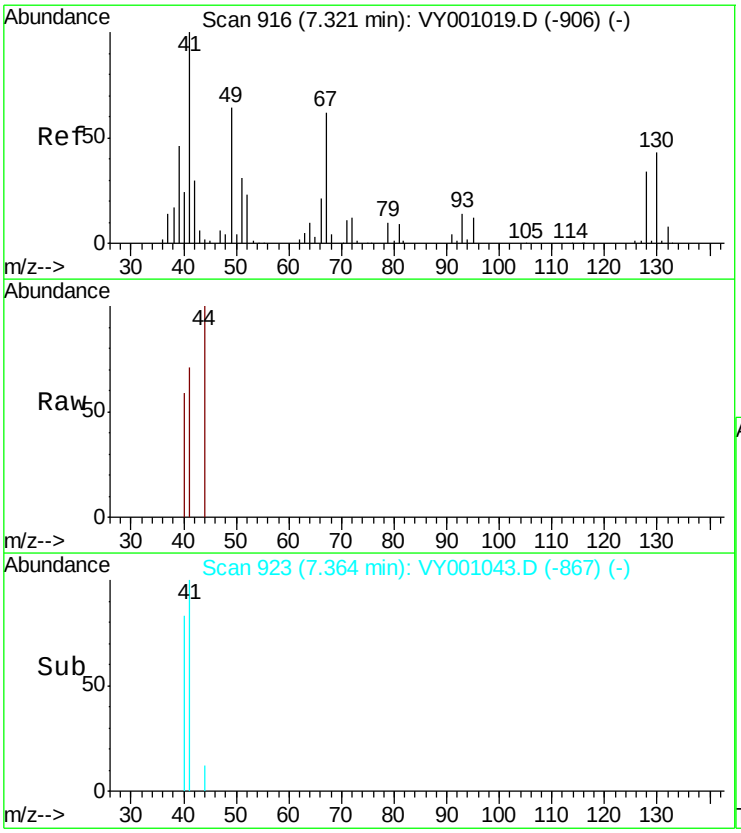
#40
Benzene
Concen: 1.202 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 78 Resp: 23

Ion	Ratio	Lower	Upper
78	100		
77	0.0	17.7	26.5#

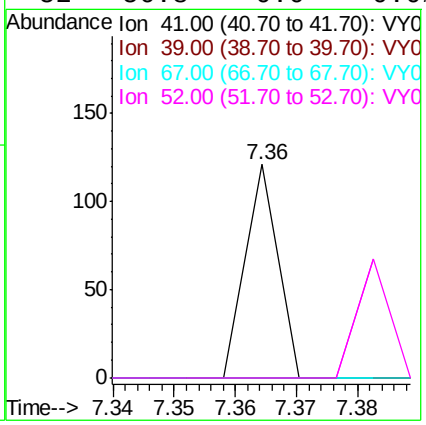


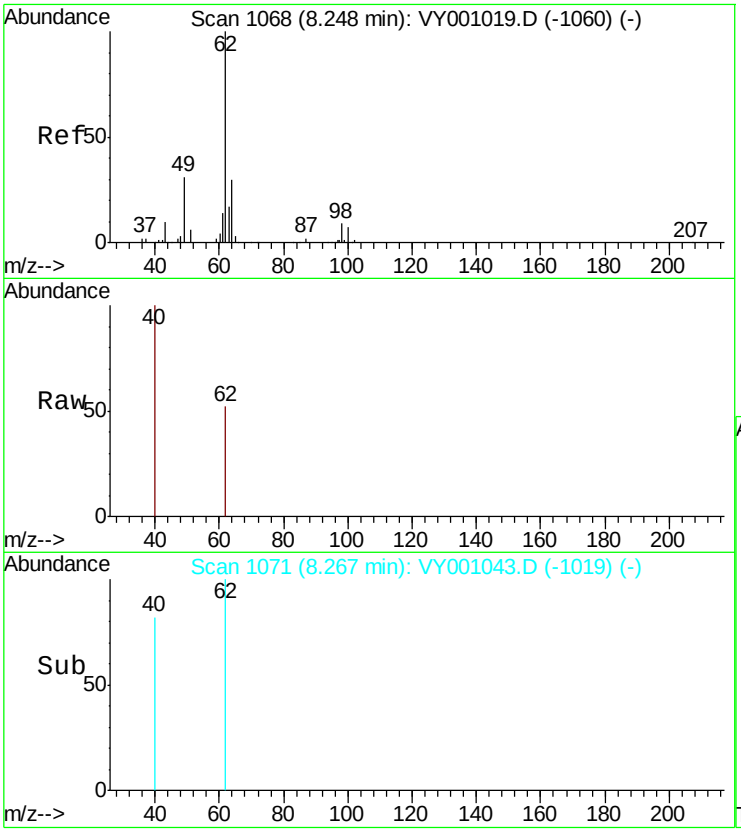


#41
Methacrylonitrile
Concen: 28.891 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 41 Resp: 44

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	56.8	0.0	0.0#



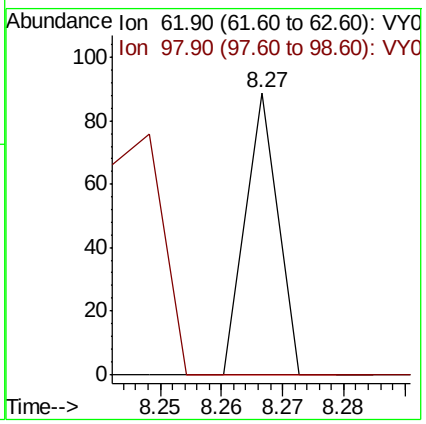


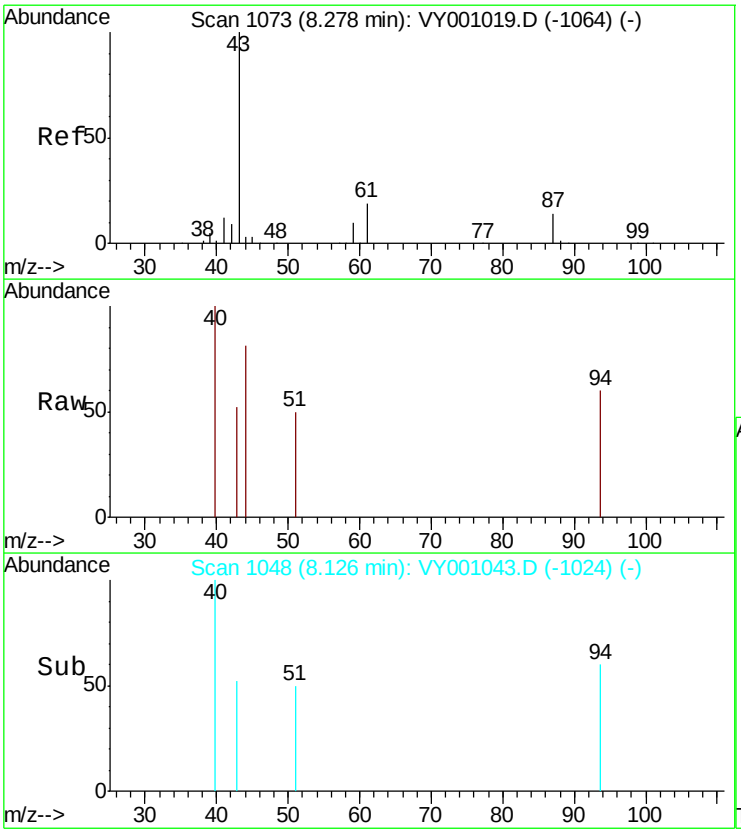
#42
1,2-Dichloroethane
Concen: 7.212 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.02 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 62 Resp: 33

Ion	Ratio	Lower	Upper
62	100		
98	157.6	0.0	23.4#

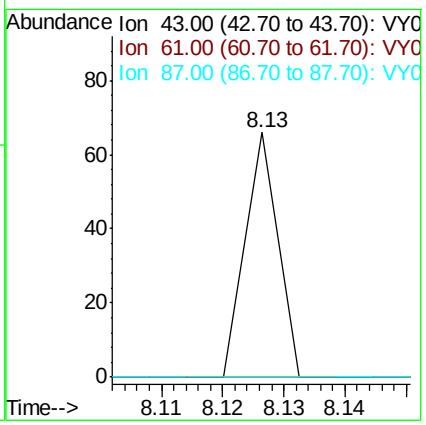


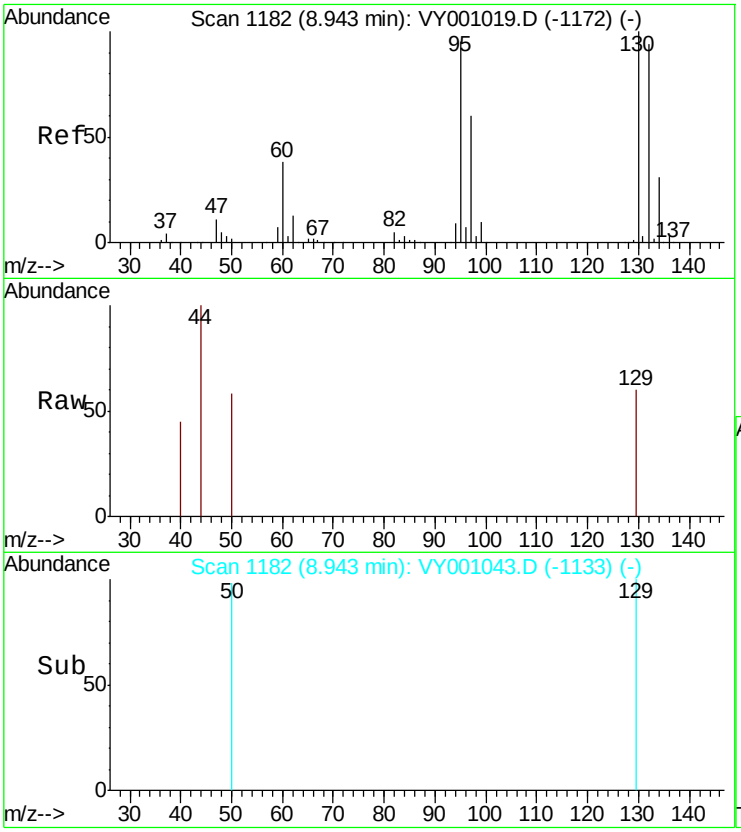


#43
Isopropyl Acetate
Concen: 3.691 ug/l
RT: 8.13 min Scan# 1048
Delta R.T. -0.15 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.0	37.6#
87	0.0	12.0	18.0#



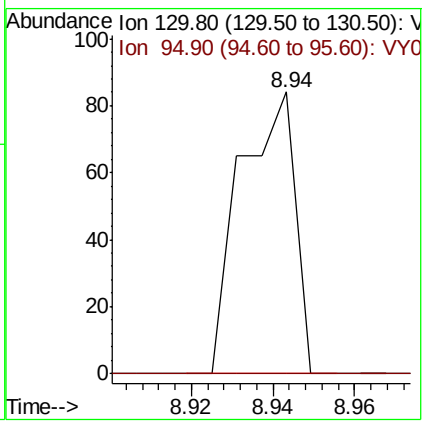


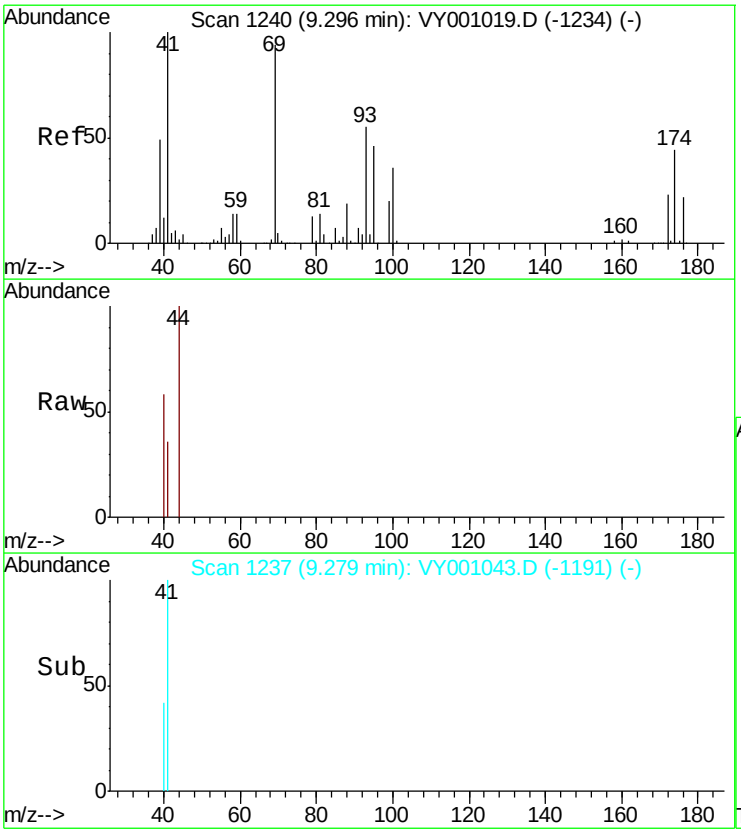
#44
Trichloroethene
Concen: 15.468 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:130 Resp: 78

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	190.6

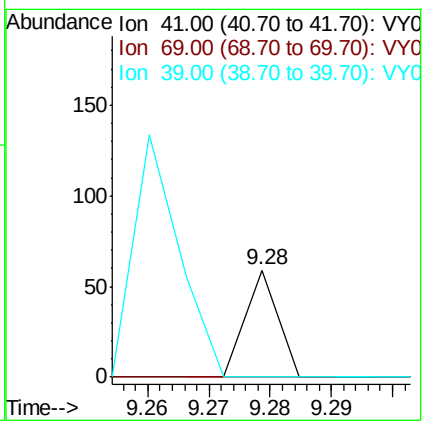


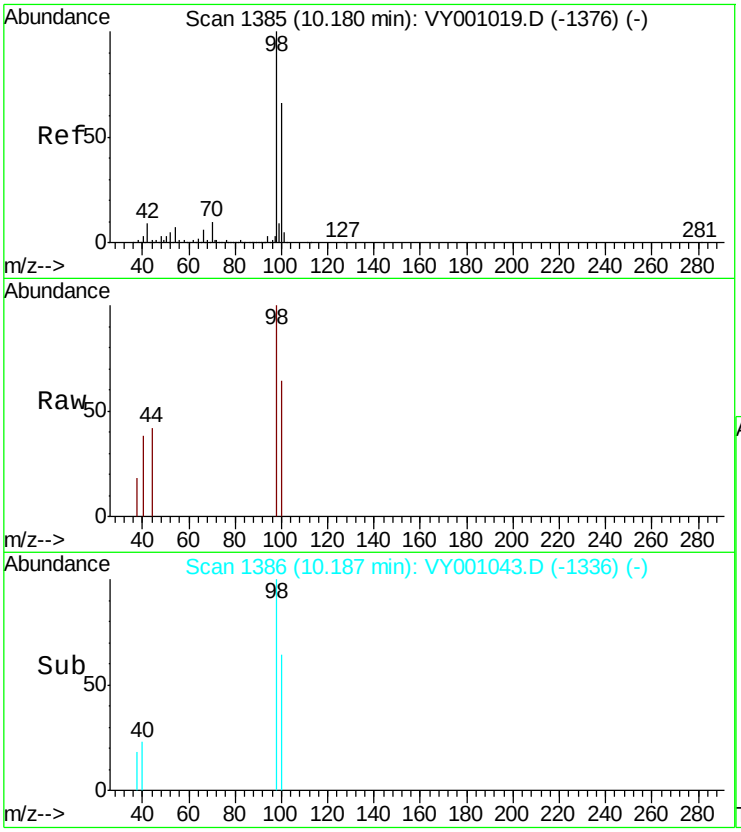


#48
Methyl methacrylate
Concen: 7.928 ug/l
RT: 9.28 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 41 Resp: 22

Ion	Ratio	Lower	Upper
41	100		
69	0.0	79.8	119.6#
39	313.6	41.7	62.5#



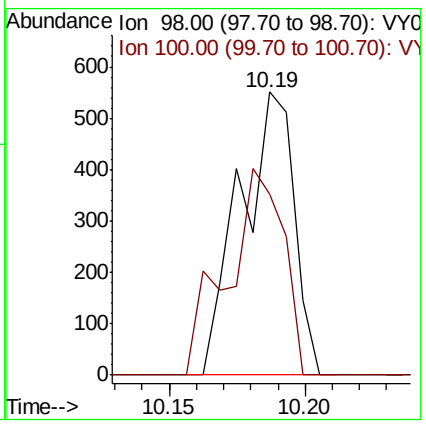


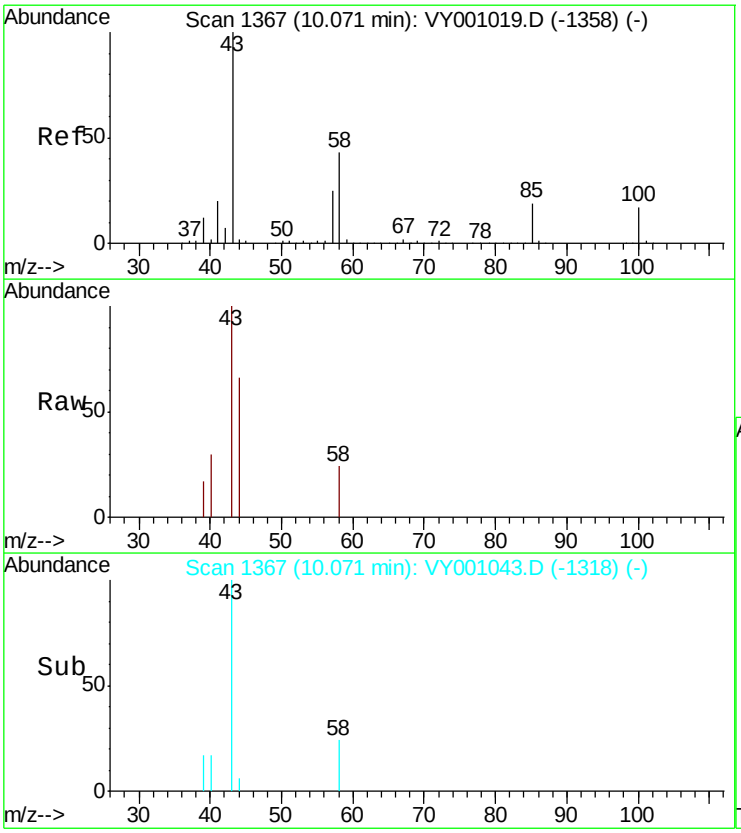
#50
Toluene-d8
Concen: 49.336 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 98 Resp: 755

Ion	Ratio	Lower	Upper
98	100		
100	75.8	53.0	79.4

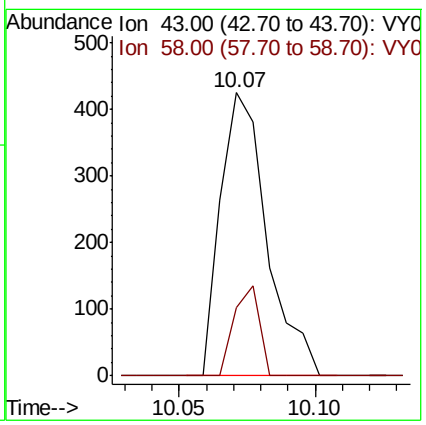


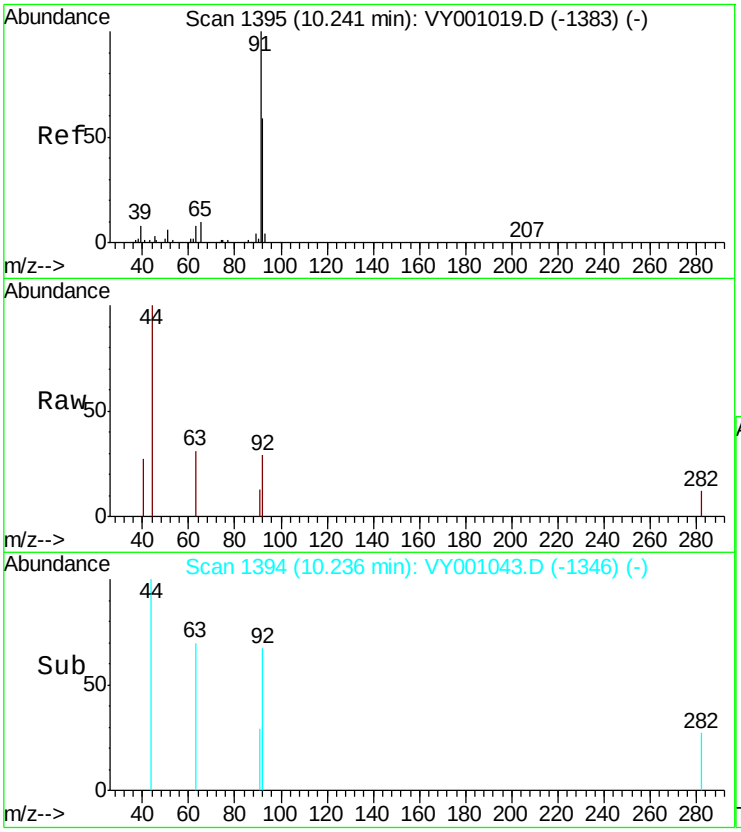


#51
4-Methyl-2-Pentanone
Concen: 148.408 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
58	17.3	34.6	52.0#



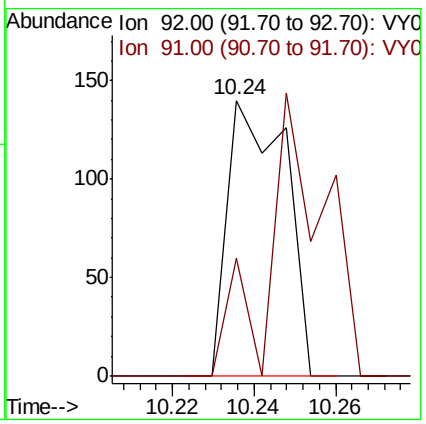


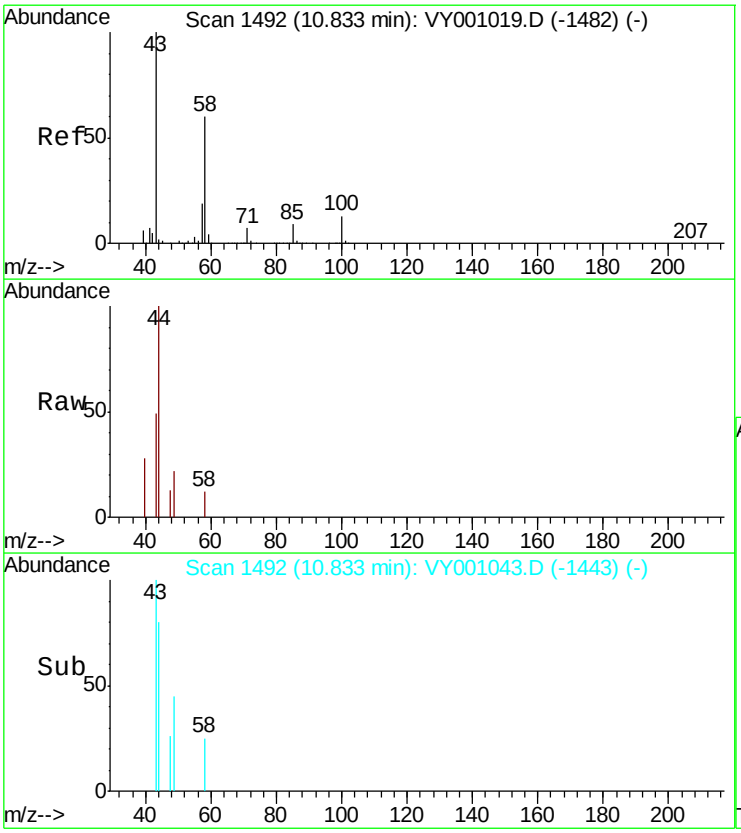
#52
Toluene
Concen: 11.800 ug/l
RT: 10.24 min Scan# 1394
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 92 Resp: 139

Ion	Ratio	Lower	Upper
92	100		
91	98.6	135.7	203.5#

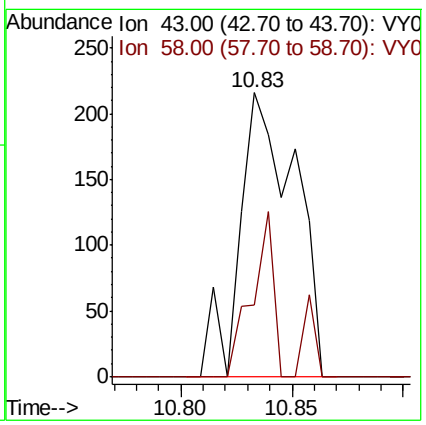


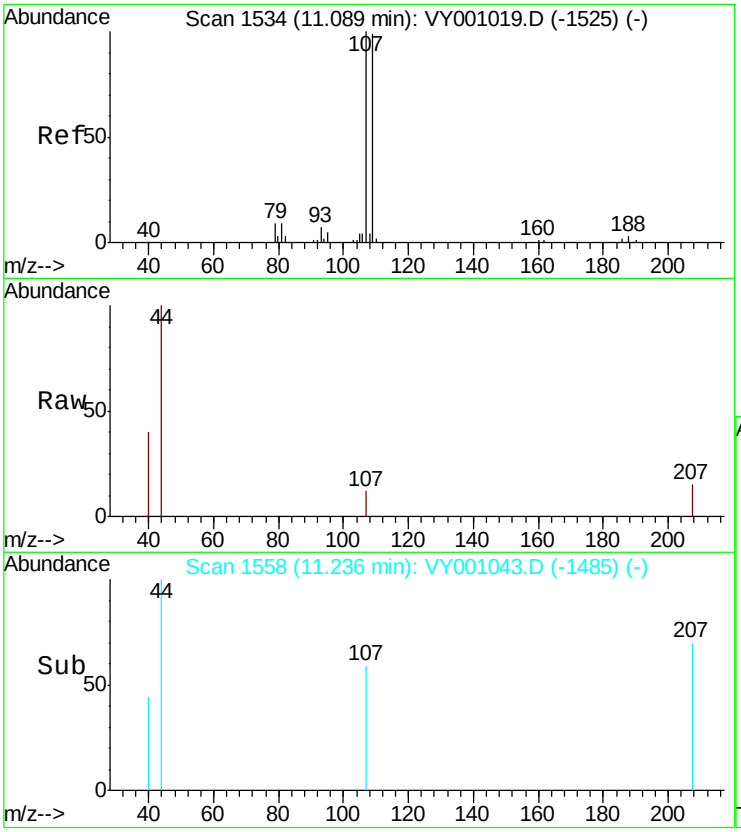


#59
2-Hexanone
Concen: 159.475 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 43 Resp: 374

Ion	Ratio	Lower	Upper
43	100		
58	22.7	30.6	91.6#



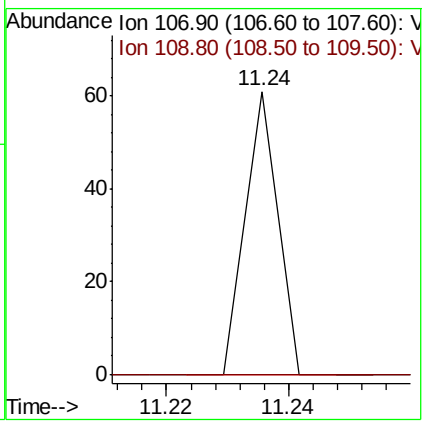


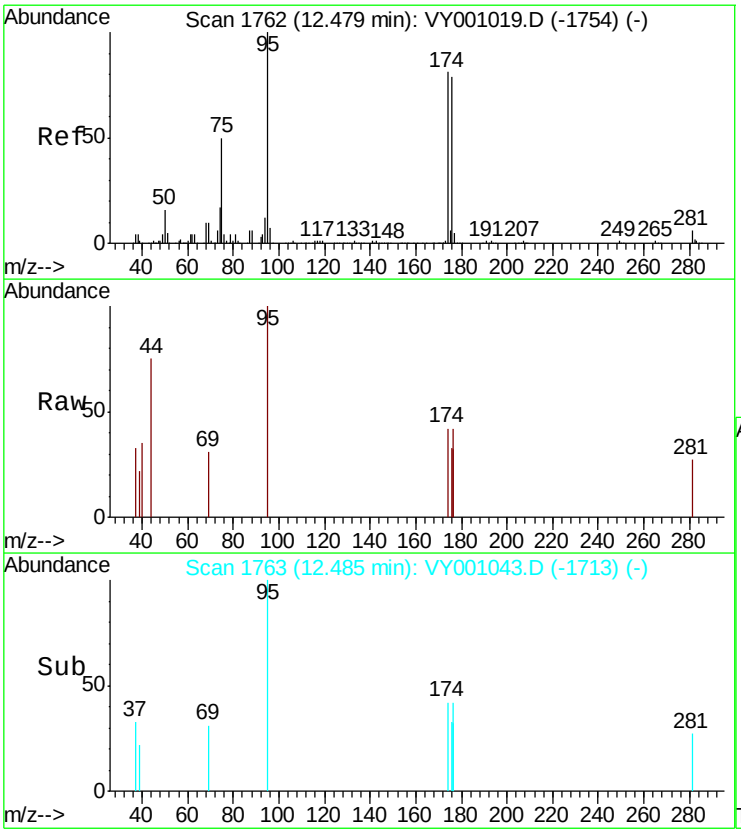
#61
1,2-Dibromoethane
Concen: 6.226 ug/l
RT: 11.24 min Scan# 1558
Delta R.T. 0.15 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion:107 Resp: 22

Ion	Ratio	Lower	Upper
107	100		
109	0.0	74.8	112.2#

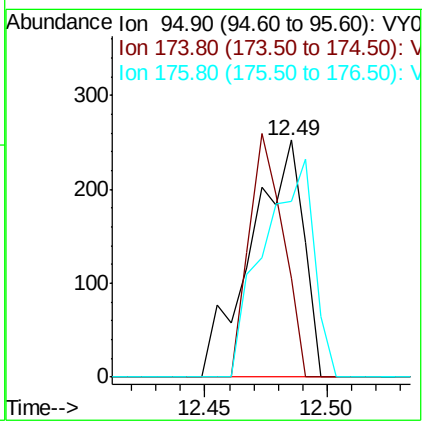


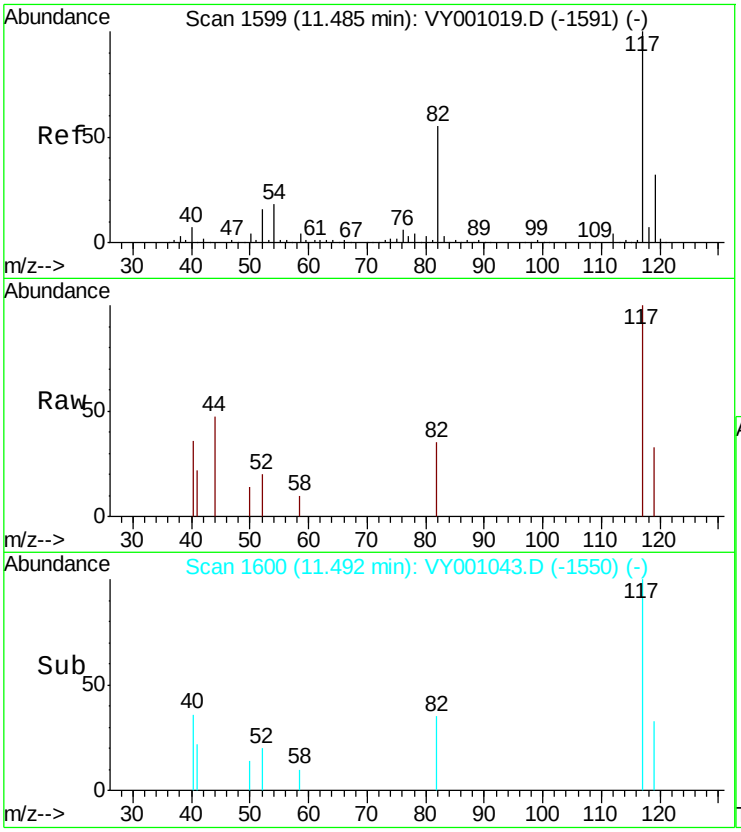


#62
4-Bromofluorobenzene
Concen: 67.380 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 95 Resp: 377

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	156.4
176	87.8	0.0	155.0



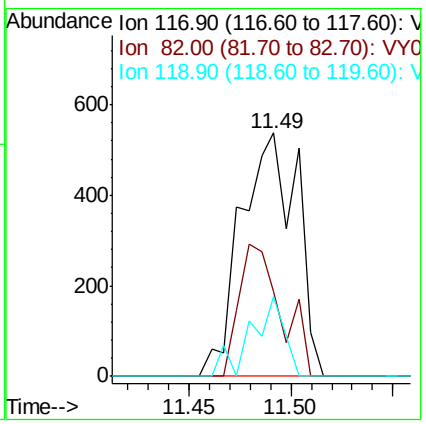


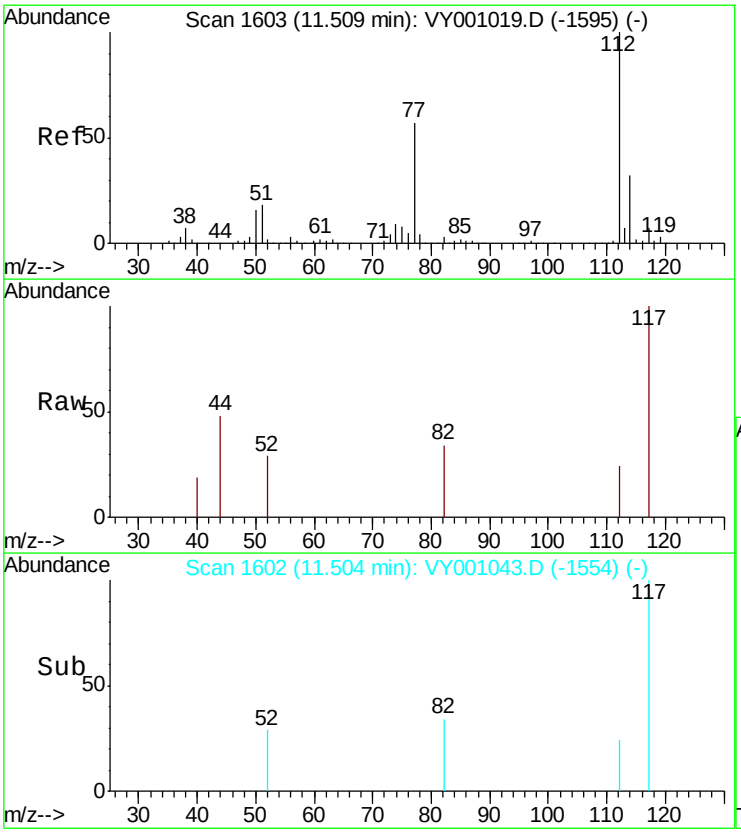
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:117 Resp: 1024

Ion	Ratio	Lower	Upper
117	100		
82	35.1	43.8	65.8#
119	32.7	25.8	38.6

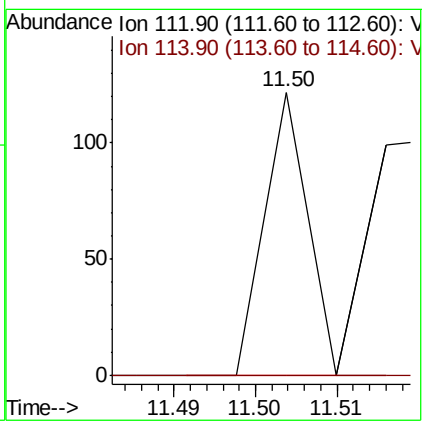


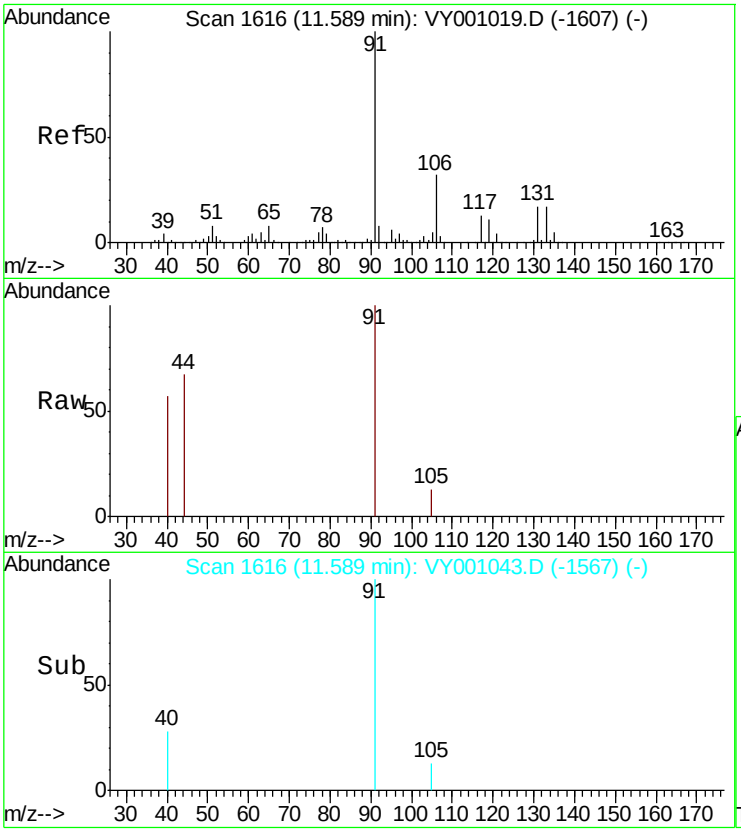


#65
Chlorobenzene
Concen: 2.119 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:112 Resp: 45

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.4	38.2#



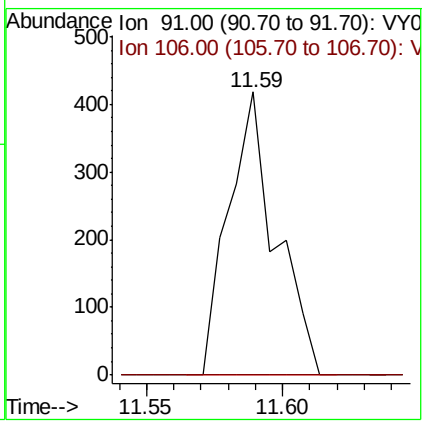


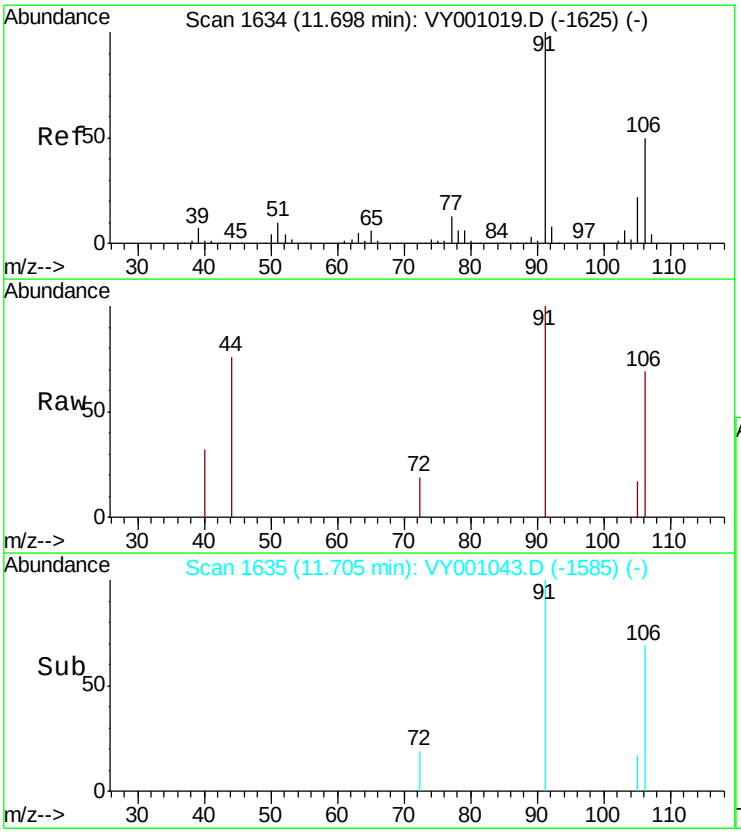
#67
Ethyl Benzene
Concen: 13.192 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 91 Resp: 504

Ion	Ratio	Lower	Upper
91	100		
106	0.0	25.3	37.9#

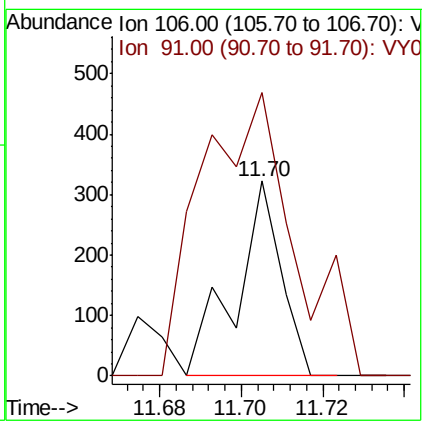


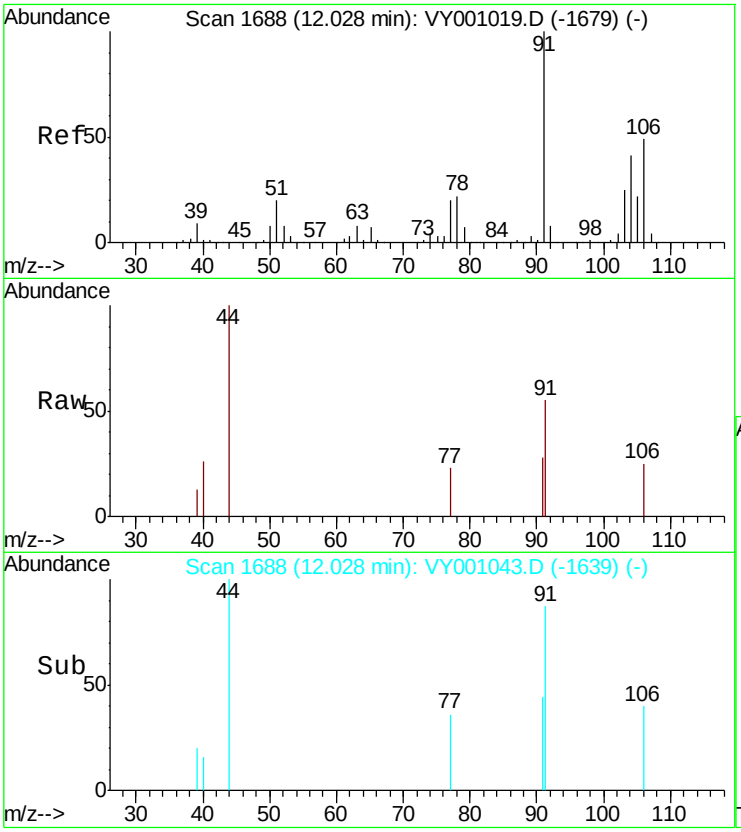


#68
m/p-Xylenes
Concen: 17.234 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:106 Resp: 250

Ion	Ratio	Lower	Upper
106	100		
91	296.8	156.4	234.6#



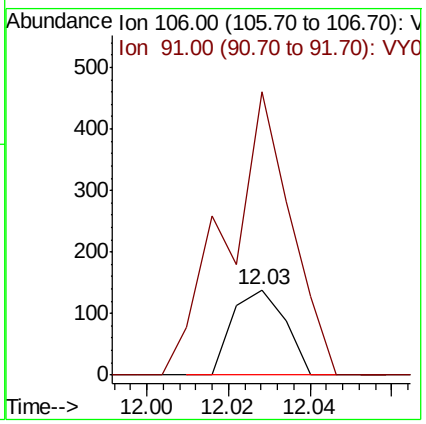


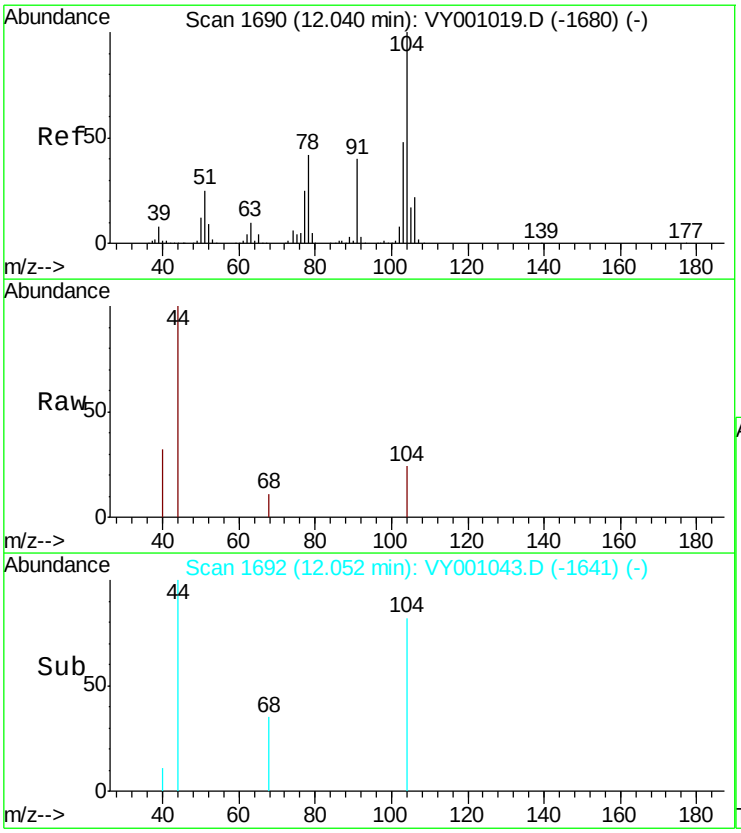
#69
o-Xylene
Concen: 9.086 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:106 Resp: 124

Ion	Ratio	Lower	Upper
106	100		
91	408.9	103.0	309.0#

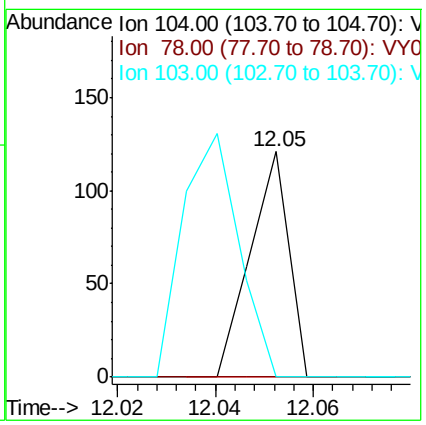


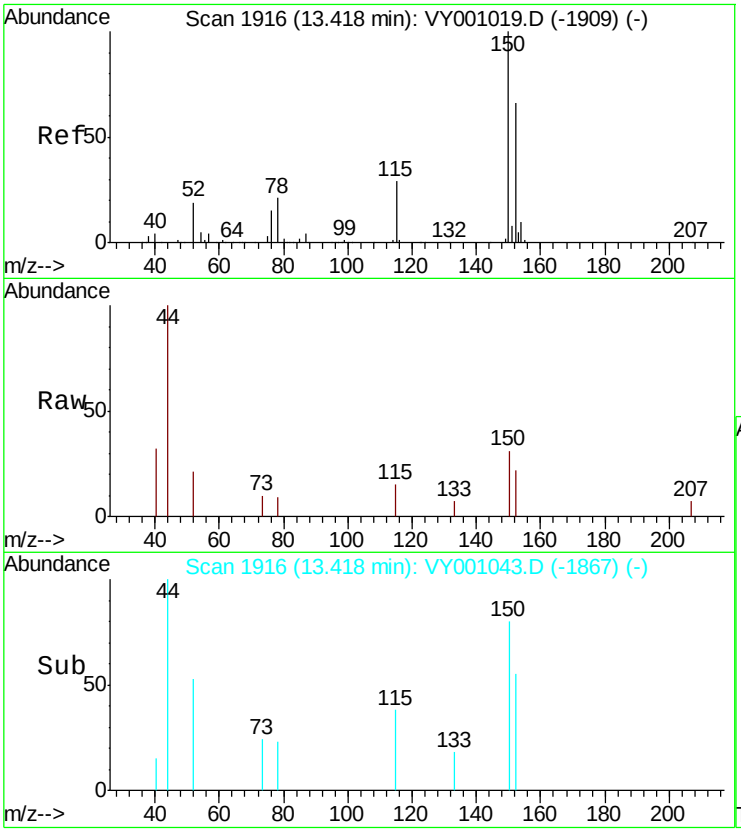


#70
Styrene
Concen: 2.844 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:104 Resp: 66

Ion	Ratio	Lower	Upper
104	100		
78	0.0	36.6	54.8#
103	157.6	42.6	64.0#



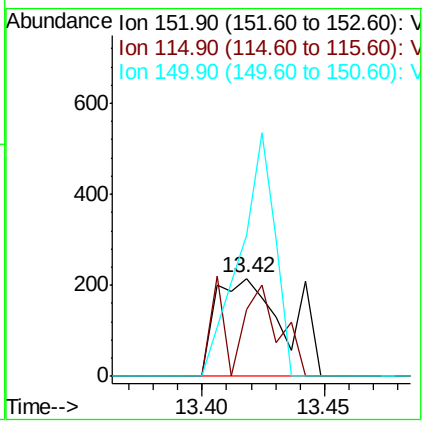


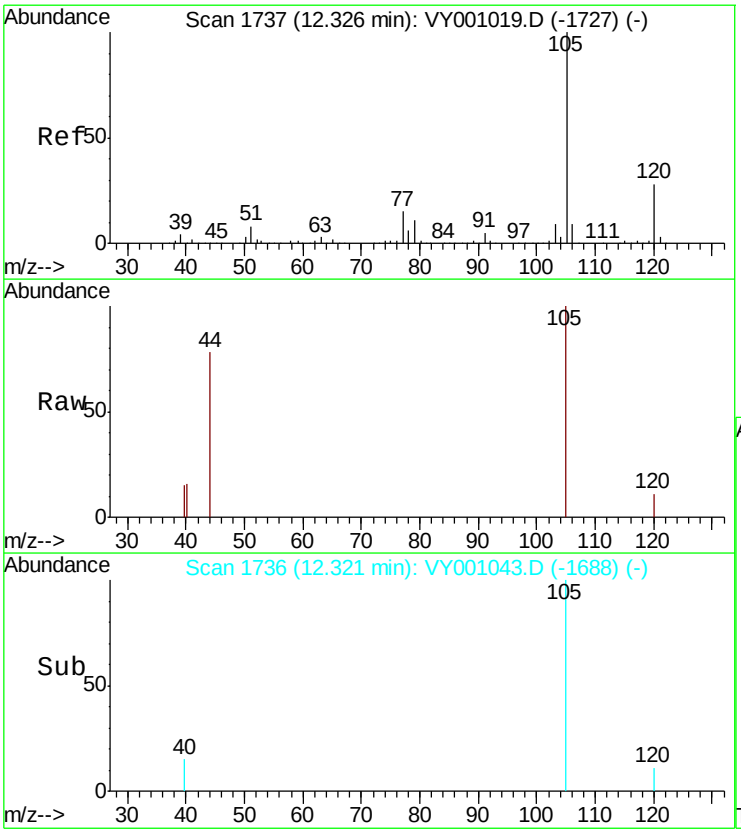
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:152 Resp: 429

Ion	Ratio	Lower	Upper
152	100		
115	46.2	29.8	89.3
150	124.5	0.0	352.6

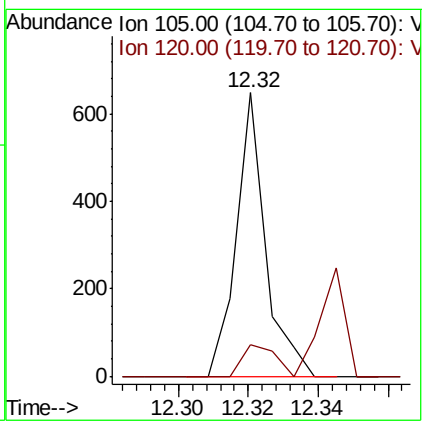


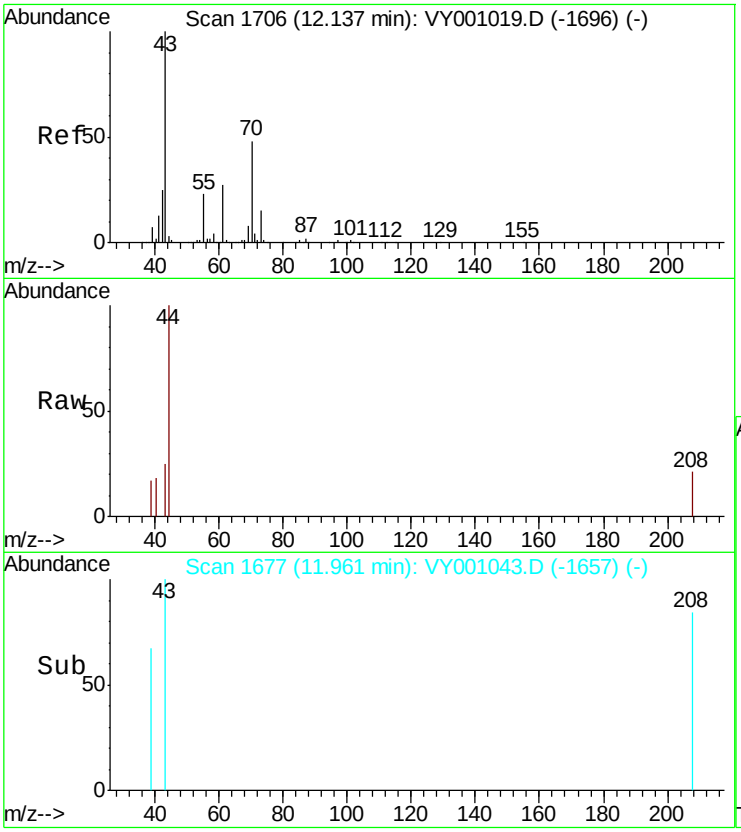


#73
Isopropylbenzene
Concen: 11.296 ug/l
RT: 12.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:105 Resp: 375

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#



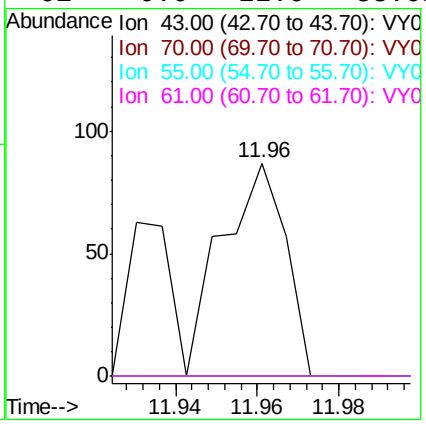


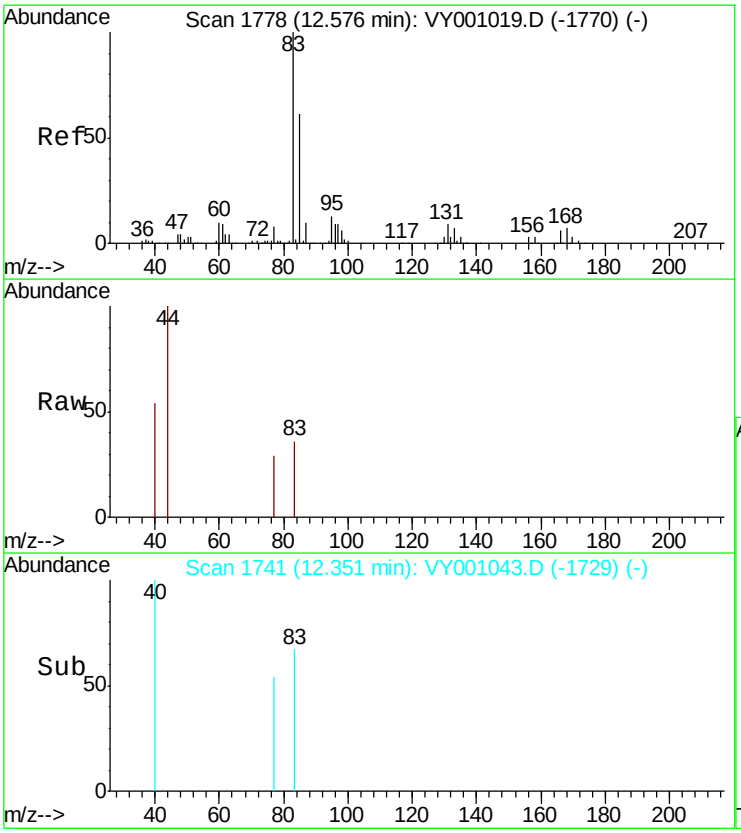
#74
N-amyl acetate
Concen: 10.893 ug/l
RT: 11.96 min Scan# 1677
Delta R.T. -0.18 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 43 Resp: 95

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	19.5	29.3#
61	0.0	22.0	33.0#

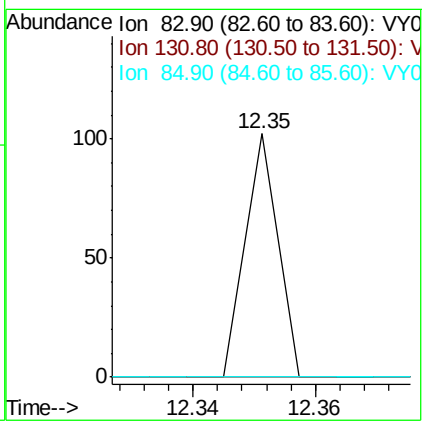


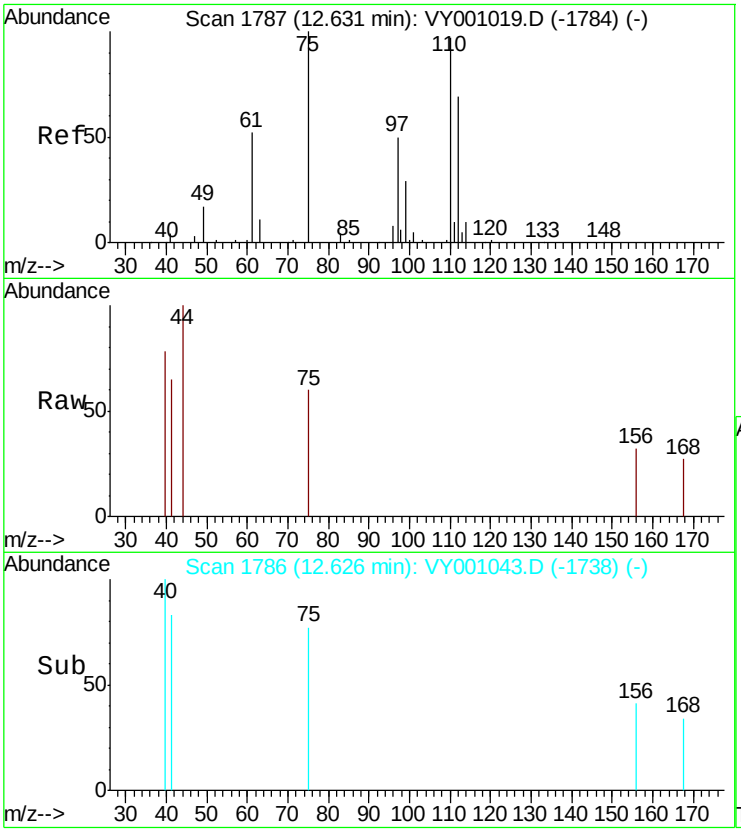


#75
1,1,2,2-Tetrachloroethane
Concen: 5.657 ug/l
RT: 12.35 min Scan# 1741
Delta R.T. -0.23 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 83 Resp: 37

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	32.1	96.5#



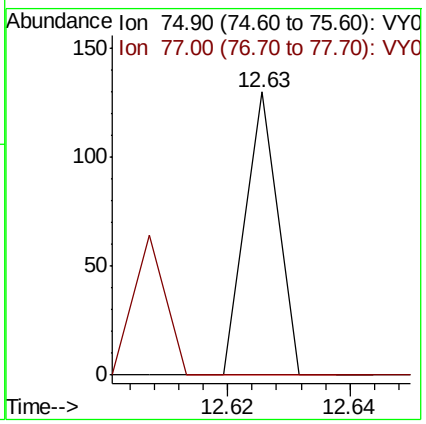


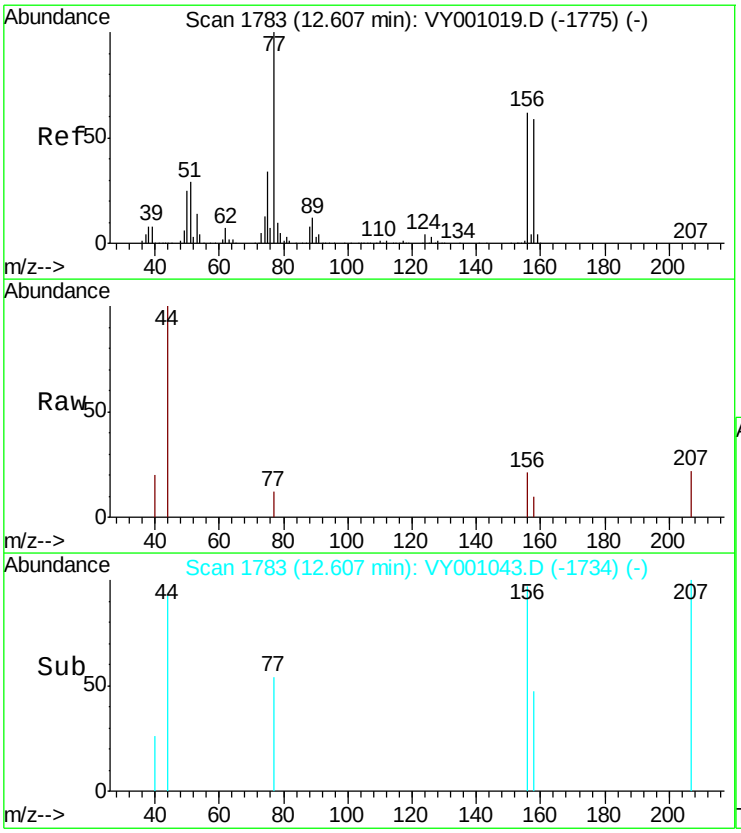
#76
1,2,3-Trichloropropane
Concen: 9.076 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 75 Resp: 48

Ion	Ratio	Lower	Upper
75	100		
77	47.9	0.0	0.0#

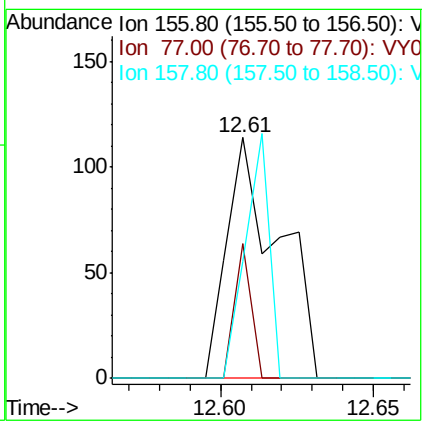


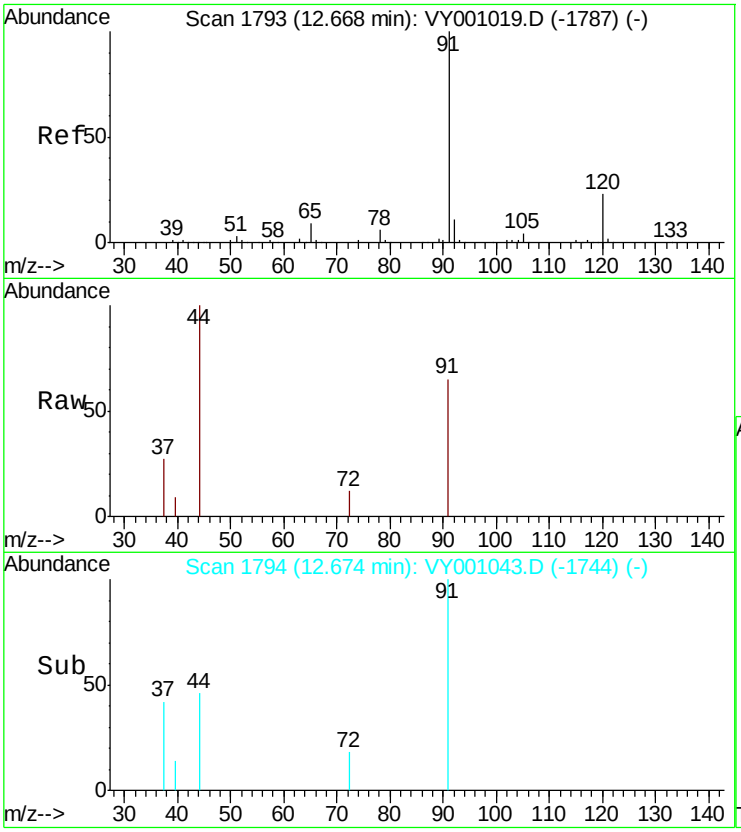


#77
Bromobenzene
Concen: 17.813 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:156 Resp: 133

Ion	Ratio	Lower	Upper
156	100		
77	17.3	98.0	294.1#
158	47.4	48.5	145.6#



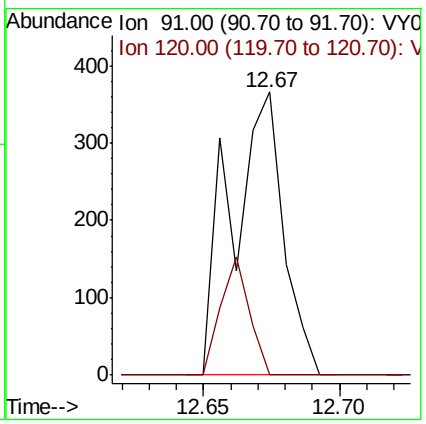


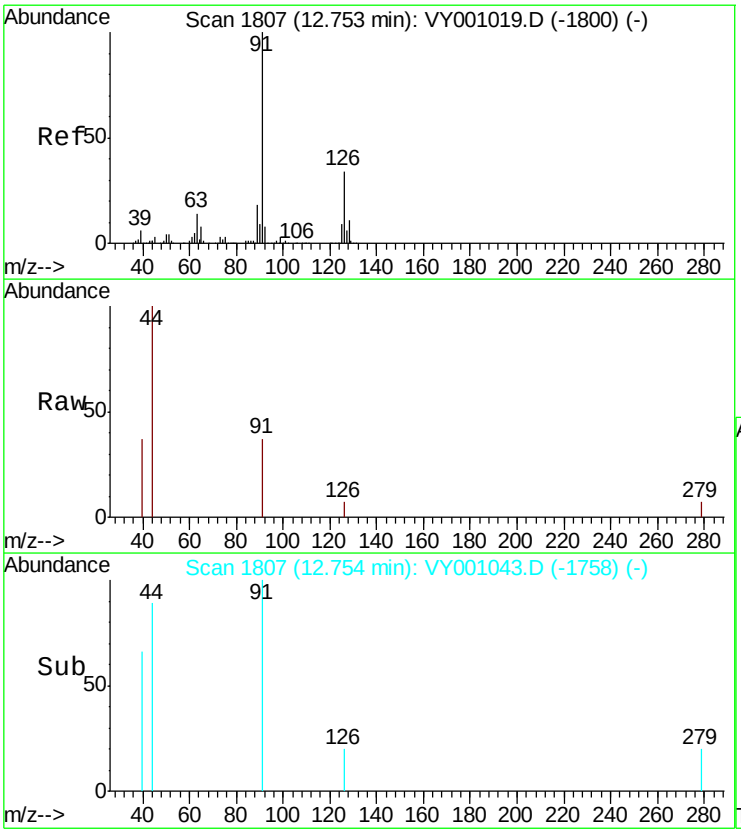
#78
n-propylbenzene
Concen: 12.014 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 91 Resp: 486

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2

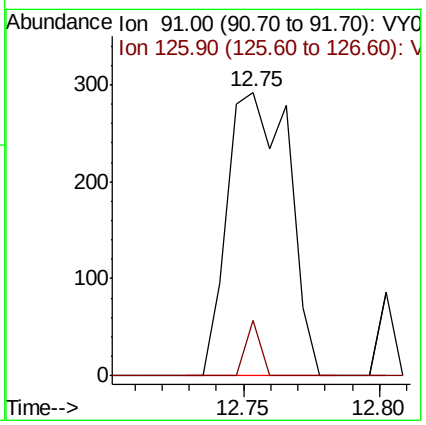


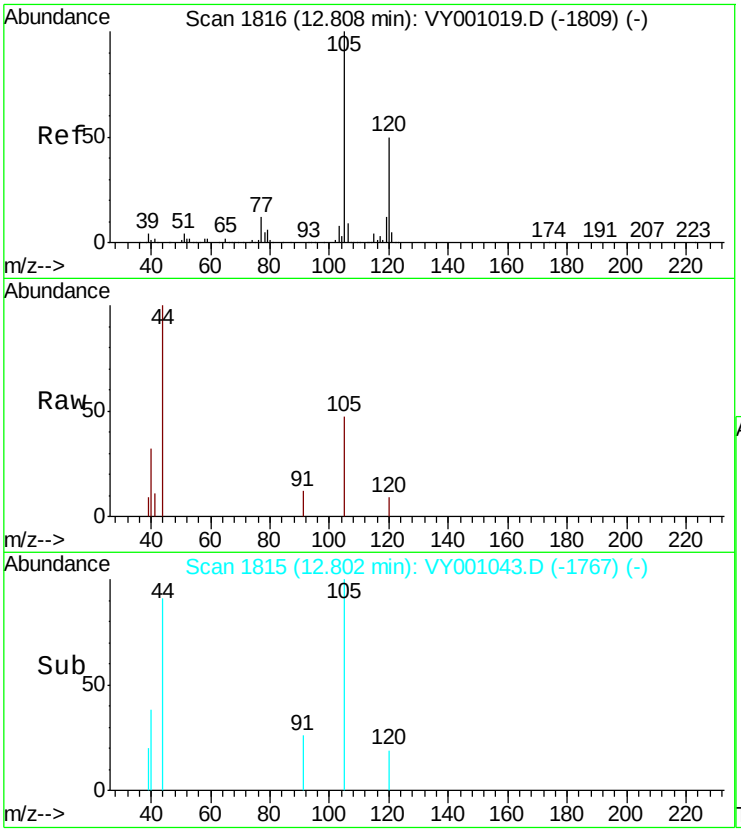


#79
2-Chlorotoluene
Concen: 20.457 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 91 Resp: 457

Ion	Ratio	Lower	Upper
91	100		
126	4.6	17.3	51.7#



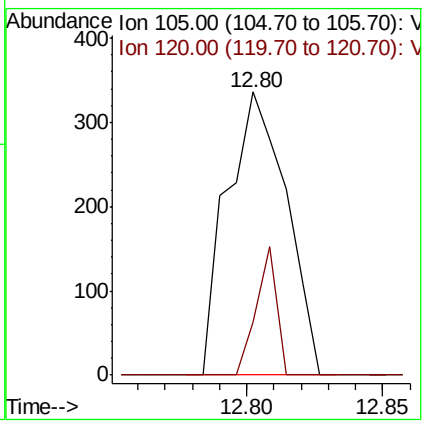


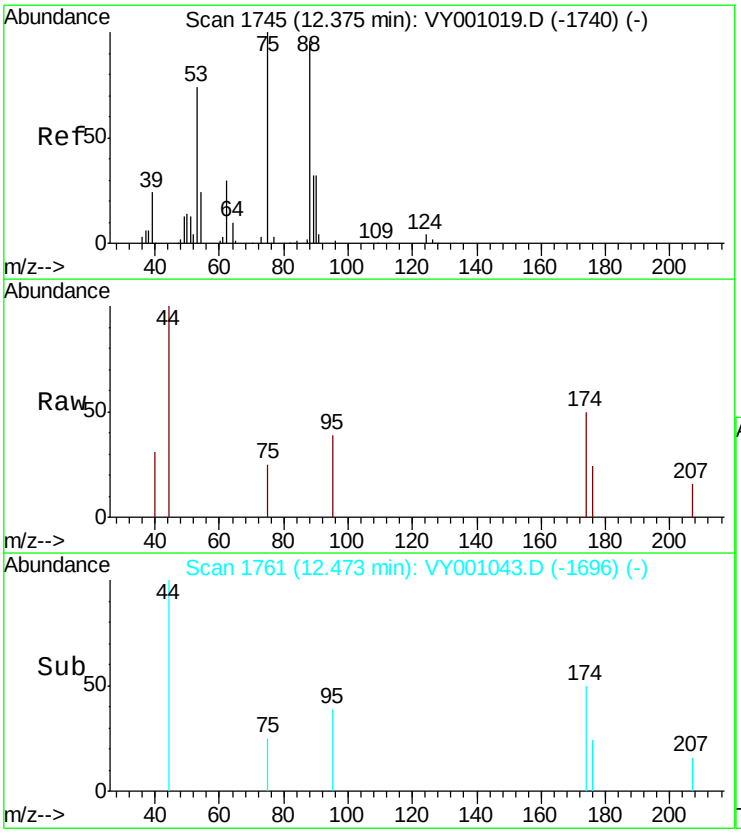
#80
1,3,5-Trimethylbenzene
Concen: 18.668 ug/l
RT: 12.80 min Scan# 1815
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:105 Resp: 508

Ion	Ratio	Lower	Upper
105	100		
120	15.6	25.1	75.4#

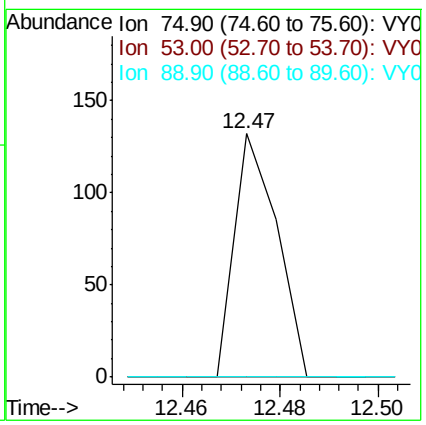


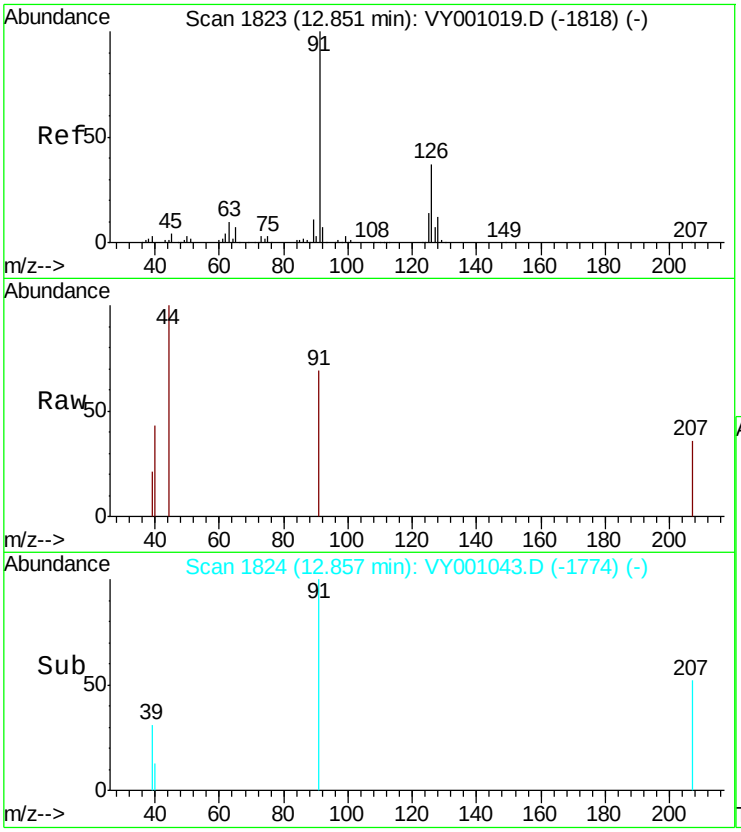


#81
trans-1,4-Dichloro-2-butene
Concen: 32.262 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. 0.10 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.6	91.0#
89	0.0	35.4	53.0#



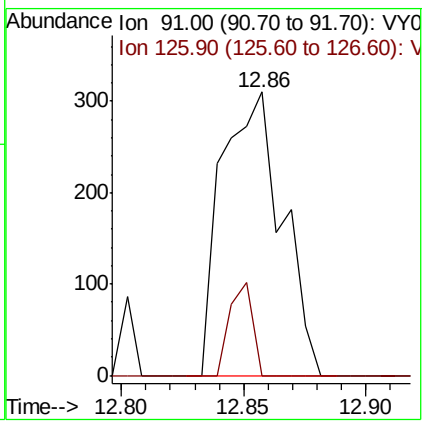


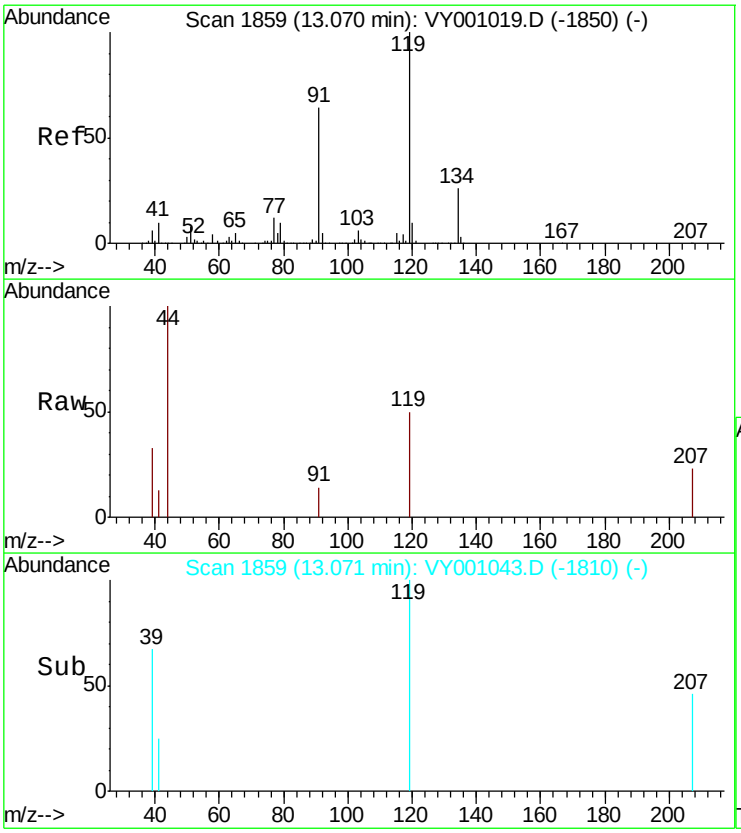
#82
4-Chlorotoluene
Concen: 23.143 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion: 91 Resp: 537

Ion	Ratio	Lower	Upper
91	100		
126	12.3	17.6	52.8#

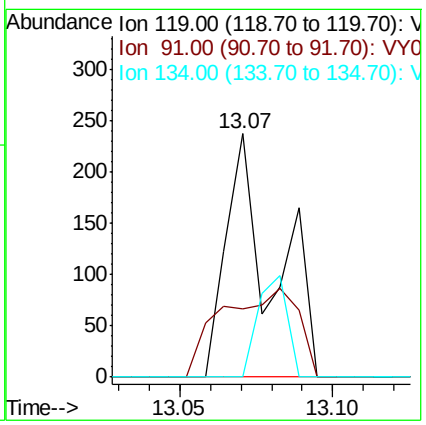


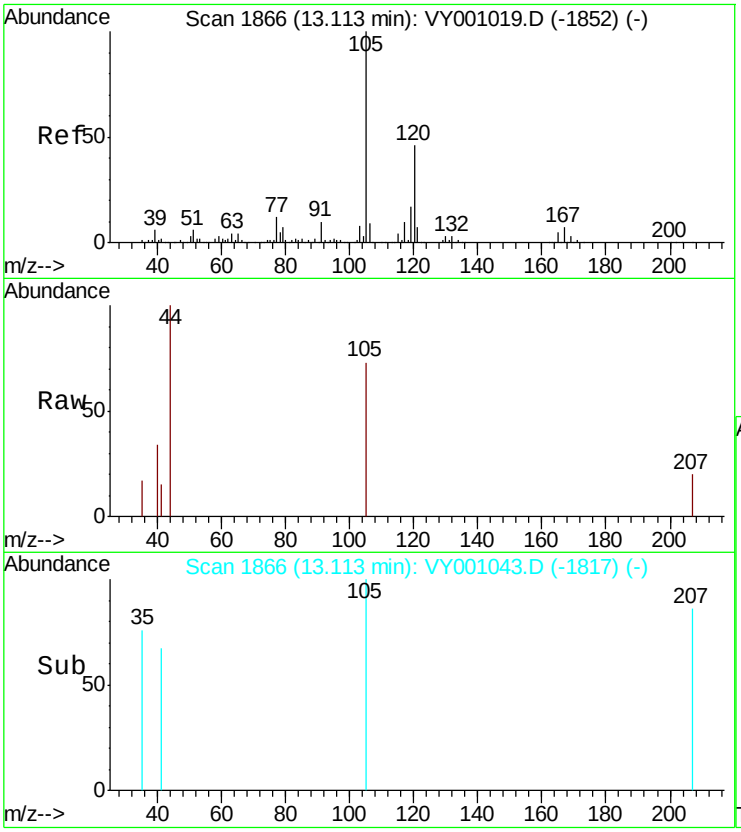


#83
tert-Butylbenzene
Concen: 10.857 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:119 Resp: 248

Ion	Ratio	Lower	Upper
119	100		
91	60.9	31.9	95.7
134	26.6	13.6	40.7



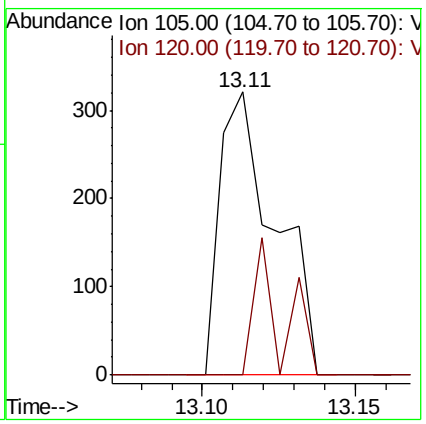


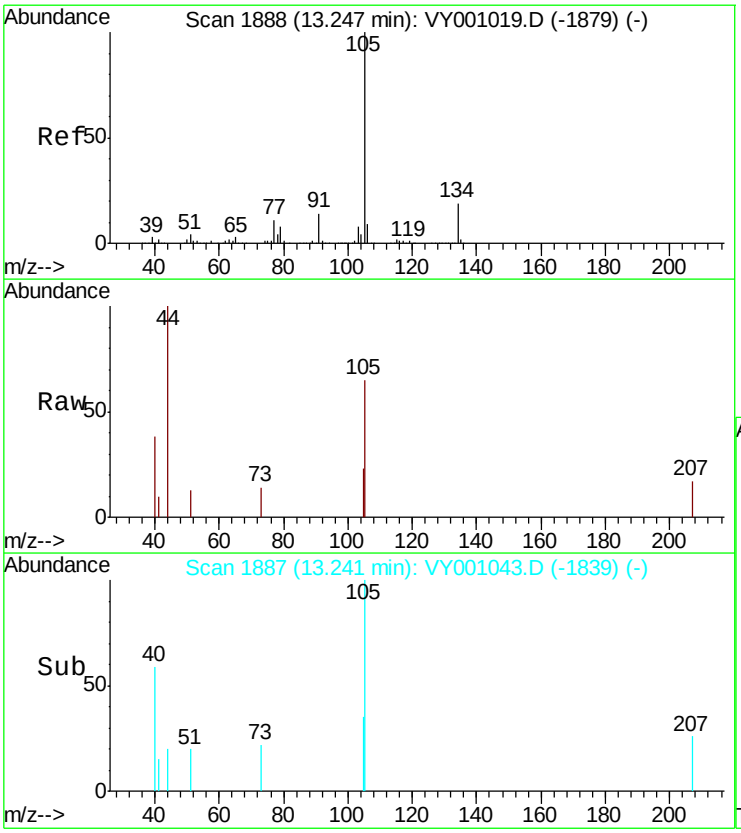
#84
1,2,4-Trimethylbenzene
Concen: 14.664 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:105 Resp: 401

Ion	Ratio	Lower	Upper
105	100		
120	24.2	23.4	70.2

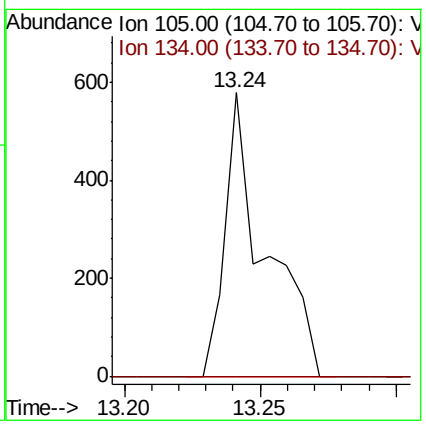


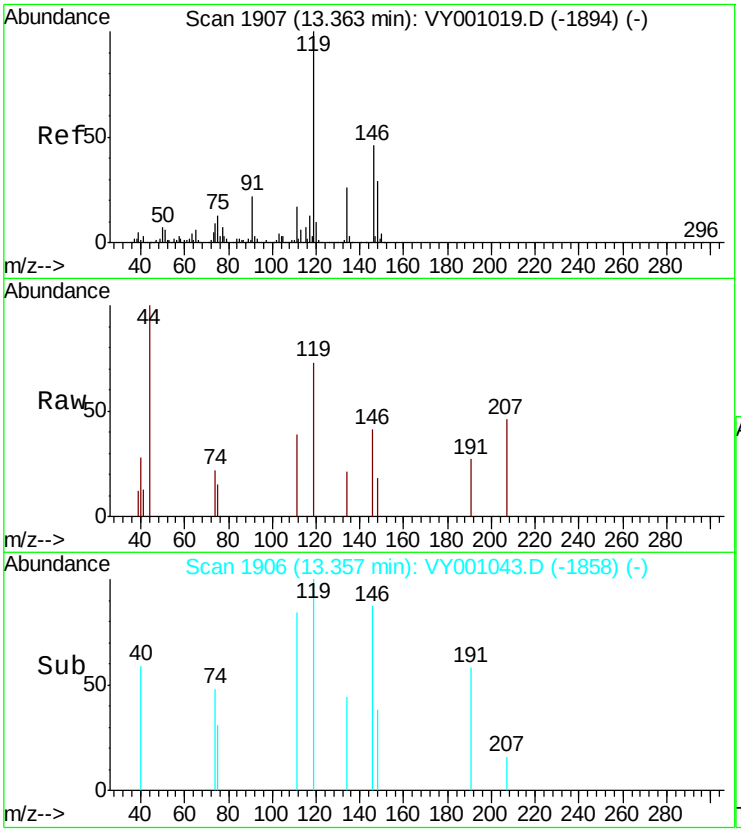


#85
sec-Butylbenzene
Concen: 17.431 ug/l
RT: 13.24 min Scan# 1887
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:105 Resp: 587

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.0	30.0#



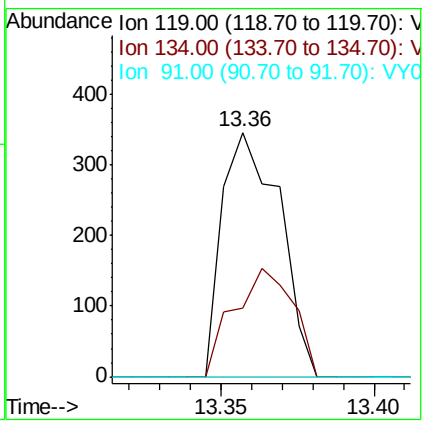


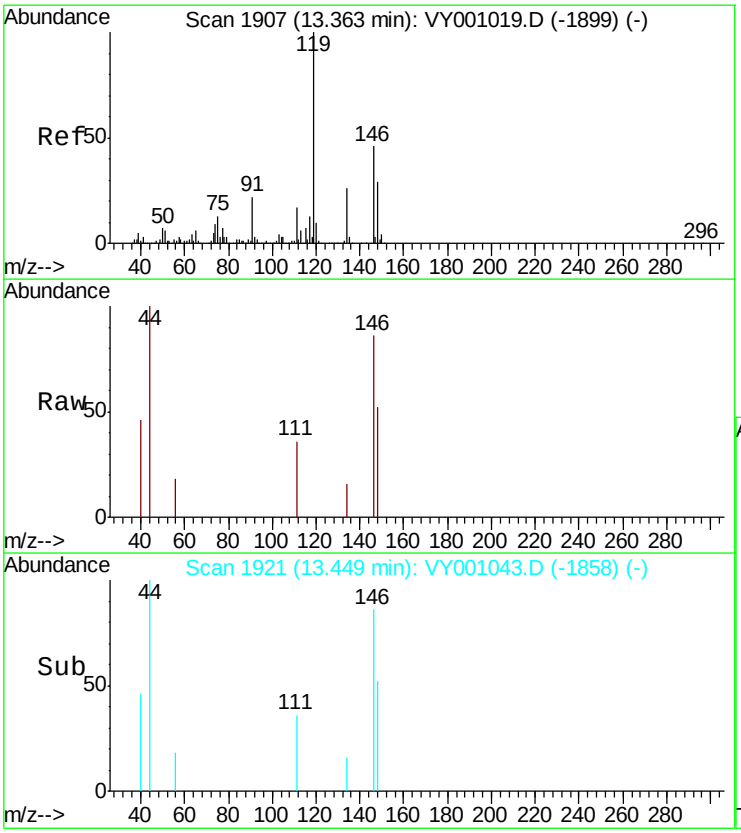
#86
p-Isopropyltoluene
Concen: 15.443 ug/l
RT: 13.36 min Scan# 1906
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:119 Resp: 450

Ion	Ratio	Lower	Upper
119	100		
134	46.0	13.6	40.7#
91	0.0	11.4	34.1#

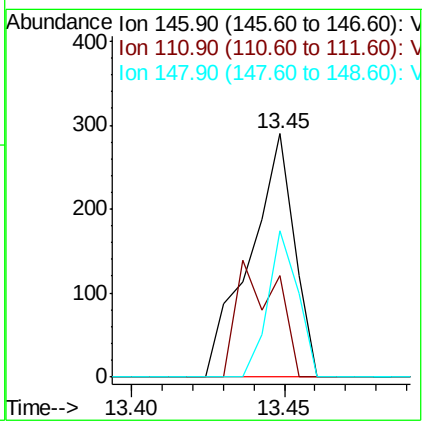


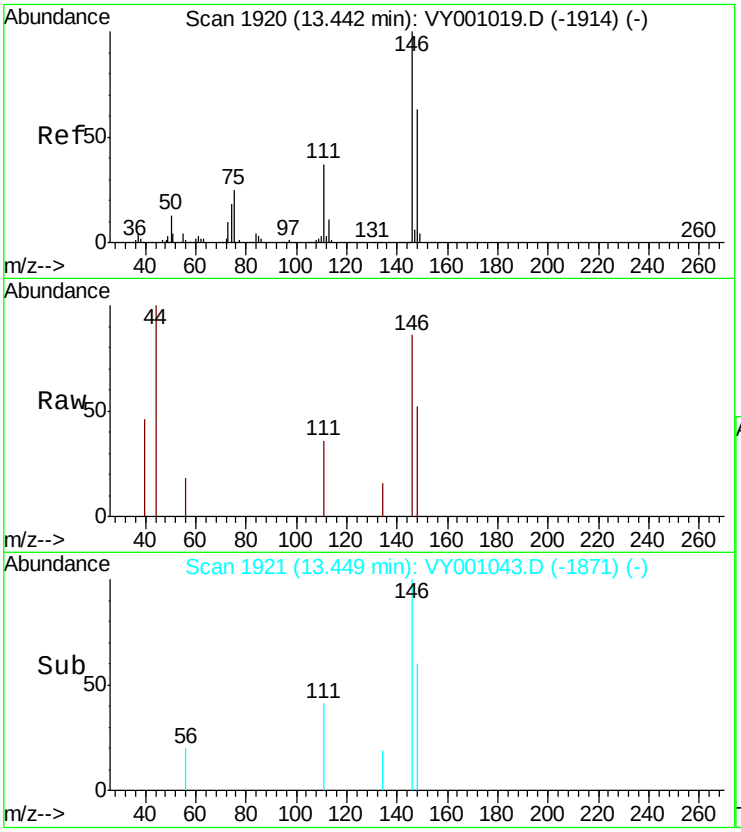


#87
1,3-Dichlorobenzene
Concen: 20.363 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.09 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:146 Resp: 292

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.7	59.0
148	40.4	31.9	95.5



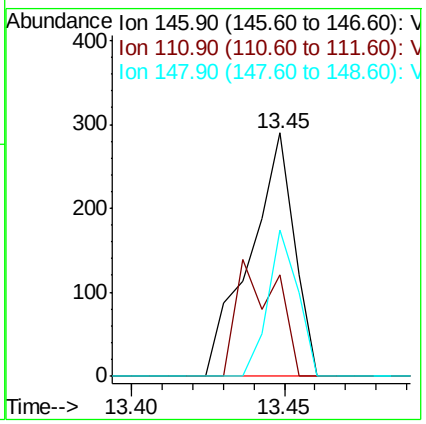


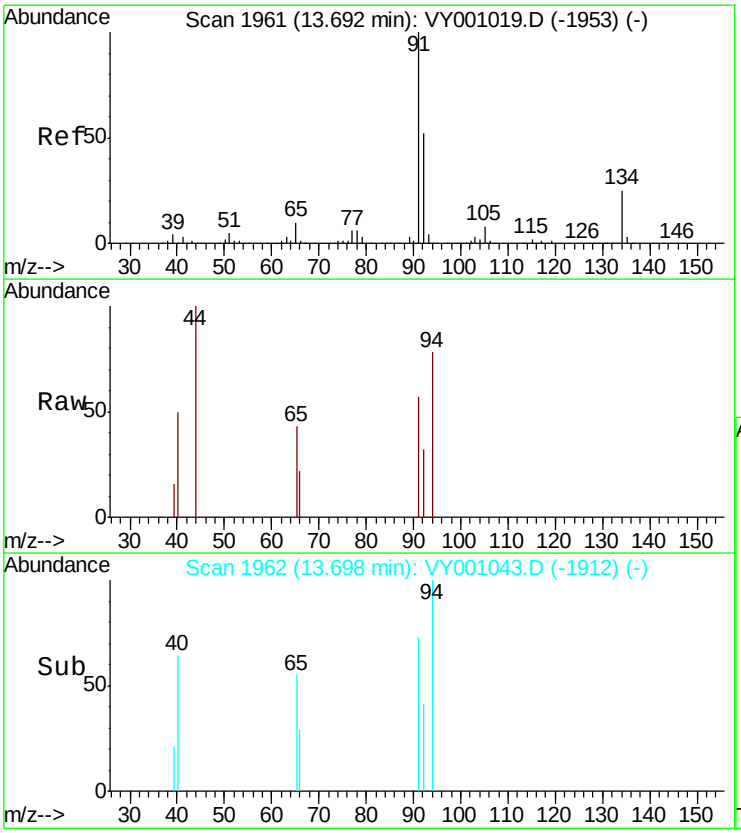
#88
1,4-Dichlorobenzene
Concen: 20.186 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion:146 Resp: 292

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.4	58.2
148	40.4	31.8	95.3

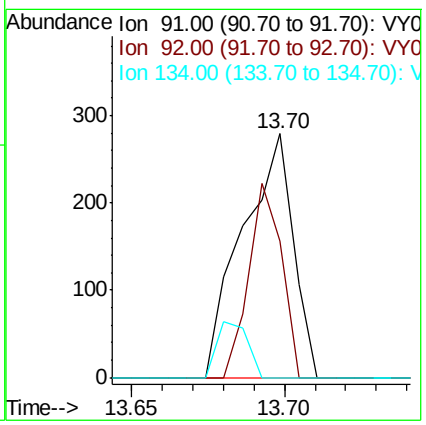


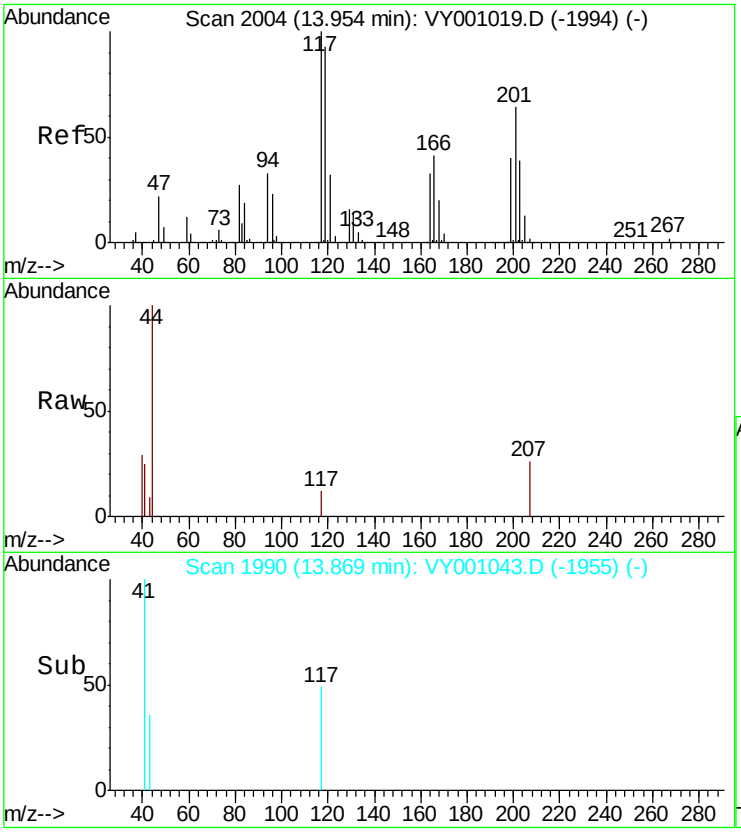


#89
n-Butylbenzene
Concen: 10.949 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion: 91 Resp: 321

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.9	80.7
134	13.7	12.7	38.0



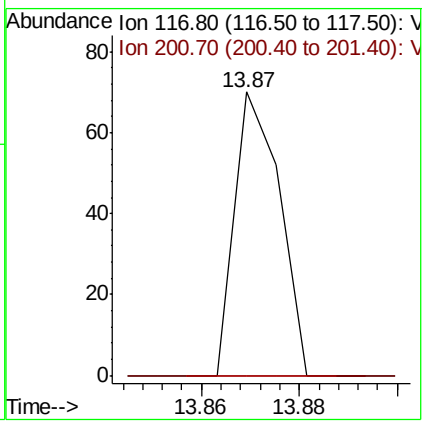


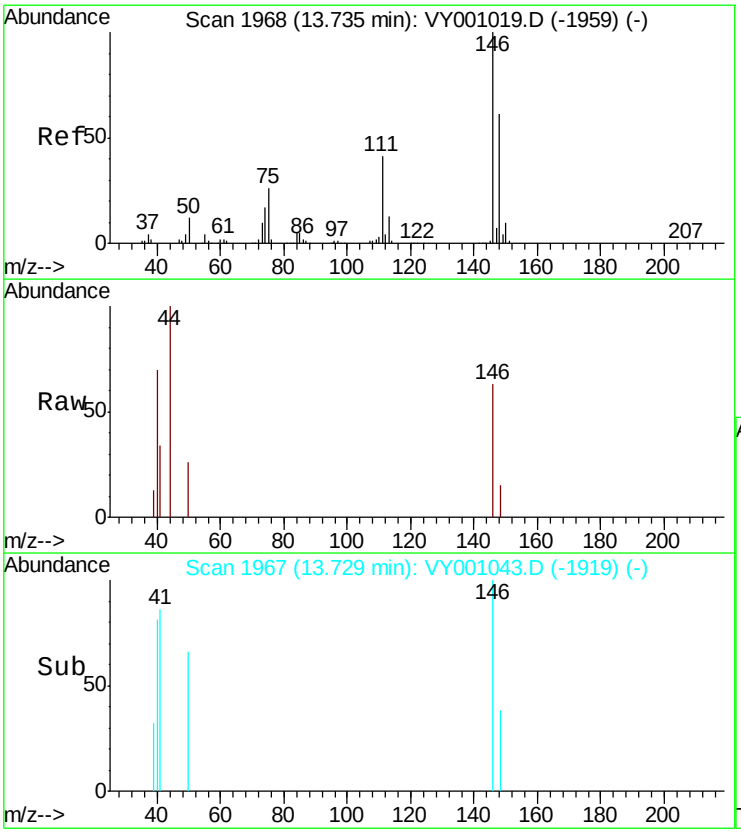
#90
Hexachloroethane
Concen: 8.197 ug/l
RT: 13.87 min Scan# 1990
Delta R.T. -0.08 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:117 Resp: 45

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.7	101.1#

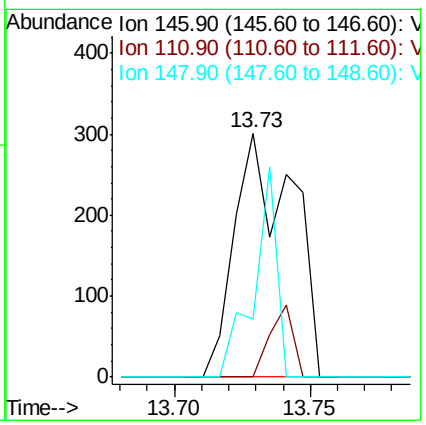


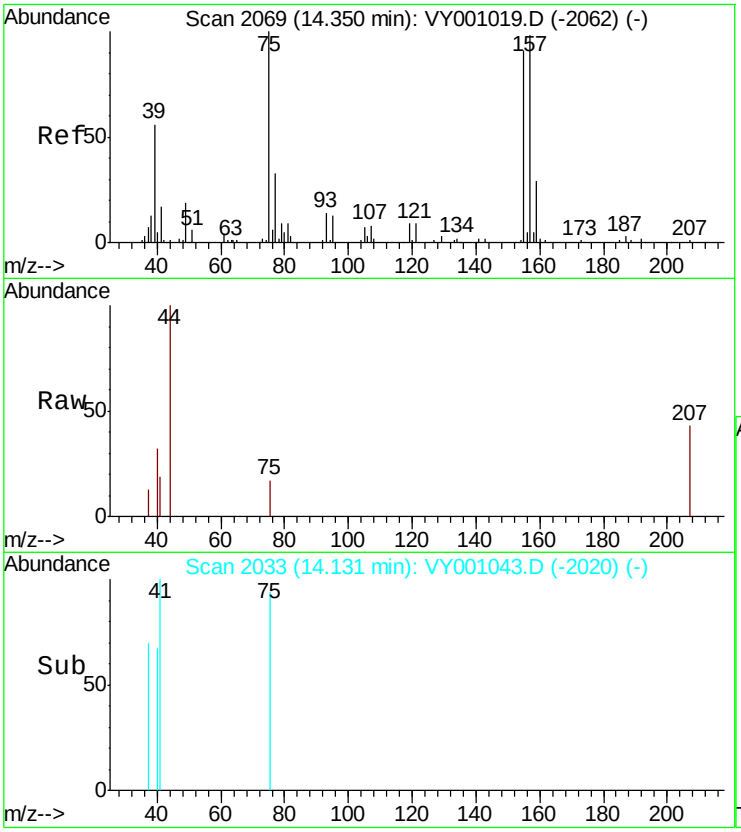


#91
1,2-Dichlorobenzene
Concen: 33.339 ug/l
RT: 13.73 min Scan# 1967
Delta R.T. -0.01 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:146 Resp: 441

Ion	Ratio	Lower	Upper
146	100		
111	11.8	20.6	61.9#
148	34.0	31.6	94.7



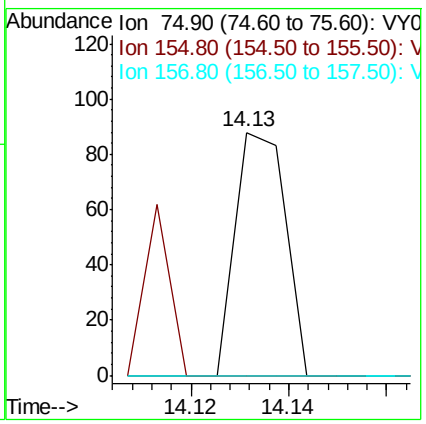


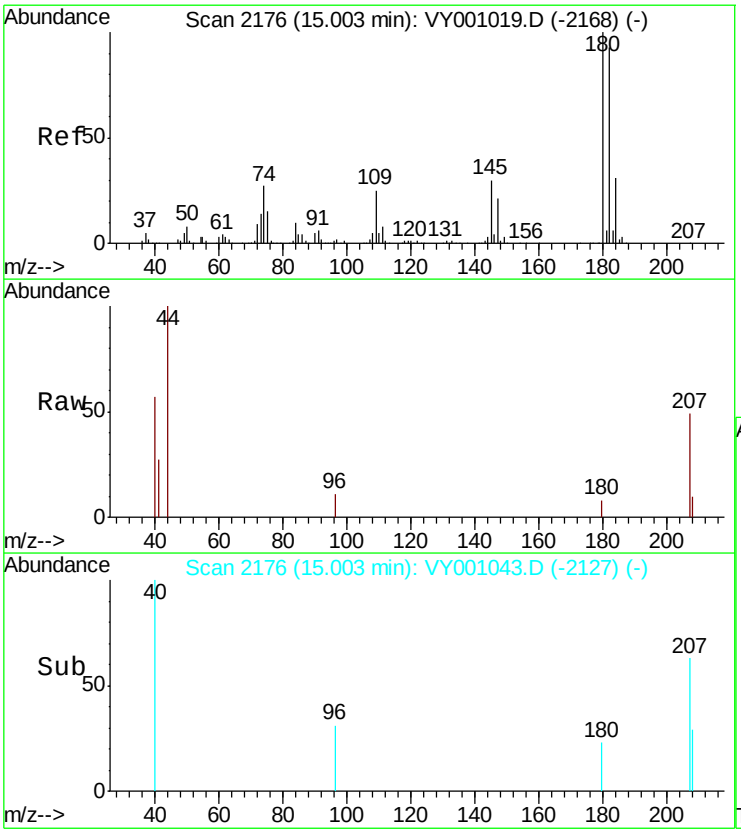
#92
1,2-Dibromo-3-Chloropropane
Concen: 57.577 ug/l
RT: 14.13 min Scan# 2033
Delta R.T. -0.22 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument : MSVOA_Y
ClientSampleId : SB-5-(0-2)

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
155	36.5	46.3	138.9#
157	0.0	58.1	174.4#

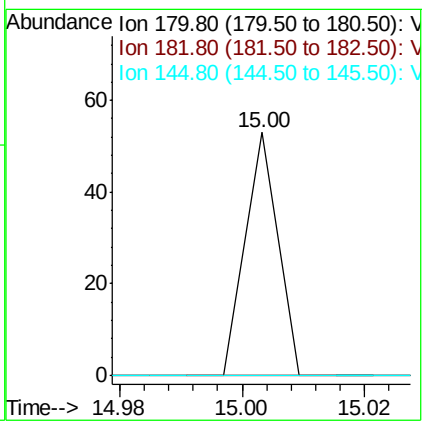


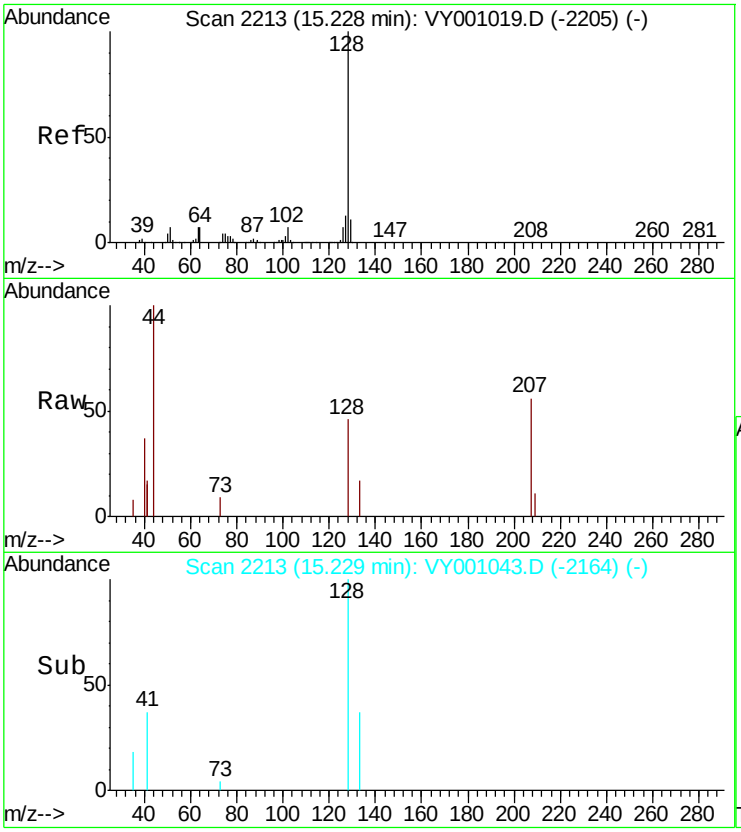


#93
1,2,4-Trichlorobenzene
Concen: 2.128 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Tgt Ion:180 Resp: 19

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.8	140.3#
145	0.0	15.3	45.9#





#95
Naphthalene
Concen: 16.050 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001043.D
Acq: 24 Dec 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tgt Ion:128 Resp: 337

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.6	13.0#