Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102819\
Data File : VY000449.D
Acq On : 28 Oct 2019 13:05
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 29 10:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	204128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	336362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	304295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	111638	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.70%			
35) Dibromofluoromethane	7.73	113	102317	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.86%			
50) Toluene-d8	10.18	98	402711	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
62) 4-Bromofluorobenzene	12.48	95	145920	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	40696	22.875	ug/l	98
3) Chloromethane	2.12	50	58862	23.598	ug/l	96
4) Vinyl Chloride	2.25	62	54669	21.717	ug/l	93
5) Bromomethane	2.64	94	36007	19.300	ug/l	99
6) Chloroethane	2.79	64	34692	21.358	ug/l	98
7) Trichlorofluoromethane	3.12	101	77142	22.402	ug/l	96
8) Diethyl Ether	3.54	74	29674	24.393	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48896	23.414	ug/l	99
10) Methyl Iodide	4.09	142	47629	16.818	ug/l	99
11) Tert butyl alcohol	4.96	59	23731	105.313	ug/l	96
12) 1,1-Dichloroethene	3.88	96	45423	22.032	ug/l	97
13) Acrolein	3.74	56	18061	68.365	ug/l	96
14) Allyl chloride	4.48	41	76526	22.399	ug/l	96
15) Acrylonitrile	5.18	53	72808	106.931	ug/l	98
16) Acetone	3.95	43	67614	96.964	ug/l	91
17) Carbon Disulfide	4.19	76	130994	20.180	ug/l	97
18) Methyl Acetate	4.48	43	38021	21.945	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	131042	22.833	ug/l	99
20) Methylene Chloride	4.72	84	57954	21.577	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	50724	21.445	ug/l	97
22) Diisopropyl ether	6.13	45	165907	22.960	ug/l	98
23) Vinyl Acetate	6.07	43	523637	111.078	ug/l	99
24) 1,1-Dichloroethane	6.02	63	90187	22.866	ug/l	97
25) 2-Butanone	6.99	43	104403	106.286	ug/l	96
26) 2,2-Dichloropropane	6.99	77	80597	22.176	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	59049	23.071	ug/l	96
28) Bromochloromethane	7.35	49	33261	19.644	ug/l	96
29) Tetrahydrofuran	7.36	42	64416	108.207	ug/l	99
30) Chloroform	7.52	83	91568	23.053	ug/l	98
31) Cyclohexane	7.79	56	88884	21.576	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	80396	22.766	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72253	21.940	ug/l	98
37) Ethyl Acetate	7.09	43	42694	21.895	ug/l	99
38) Carbon Tetrachloride	7.91	117	71157	22.316	ug/l	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102819\
Data File : VY000449.D
Acq On : 28 Oct 2019 13:05
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 29 10:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	91832	21.306	ug/l		98
40) Benzene	8.17	78	209840	22.049	ug/l		98
41) Methacrylonitrile	7.35	41	58922	63.481	ug/l	#	1
42) 1,2-Dichloroethane	8.25	62	59633	21.936	ug/l		100
43) Isopropyl Acetate	8.28	43	78864	21.270	ug/l		98
44) Trichloroethene	8.95	130	56887	21.303	ug/l		99
45) 1,2-Dichloropropane	9.22	63	52639	22.539	ug/l		93
46) Dibromomethane	9.31	93	28810	22.067	ug/l		99
47) Bromodichloromethane	9.50	83	70182	22.809	ug/l		91
48) Methyl methacrylate	9.30	41	34559	21.268	ug/l		99
49) 1,4-Dioxane	9.31	88	8381	428.134	ug/l		96
51) 4-Methyl-2-Pentanone	10.08	43	214599	112.218	ug/l		99
52) Toluene	10.25	92	133809	22.145	ug/l		100
53) t-1,3-Dichloropropene	10.47	75	75197	22.804	ug/l		93
54) cis-1,3-Dichloropropene	9.93	75	83741	22.362	ug/l		97
55) 1,1,2-Trichloroethane	10.65	97	43402	22.864	ug/l		93
56) Ethyl methacrylate	10.51	69	59199	21.879	ug/l		95
57) 1,3-Dichloropropane	10.79	76	74465	22.842	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.78	63	134358	124.494	ug/l		98
59) 2-Hexanone	10.83	43	157048	117.000	ug/l		99
60) Dibromochloromethane	10.99	129	49843	23.689	ug/l		97
61) 1,2-Dibromoethane	11.09	107	40607	22.279	ug/l		98
64) Tetrachloroethene	10.72	164	56850	19.624	ug/l		98
65) Chlorobenzene	11.52	112	140065	21.810	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.60	131	49766	22.060	ug/l		98
67) Ethyl Benzene	11.60	91	258348	21.701	ug/l		99
68) m/p-Xylenes	11.70	106	196045	43.077	ug/l		97
69) o-Xylene	12.03	106	93694	21.581	ug/l		100
70) Styrene	12.05	104	160381	21.904	ug/l		99
71) Bromoform	12.21	173	28863	22.256	ug/l	#	97
73) Isopropylbenzene	12.33	105	255630	21.421	ug/l		100
74) N-amyl acetate	12.14	43	69936	23.872	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50275	22.438	ug/l		98
76) 1,2,3-Trichloropropane	12.63	75	66697	35.441	ug/l	#	100
77) Bromobenzene	12.61	156	59224	22.303	ug/l		91
78) n-propylbenzene	12.67	91	308985	21.565	ug/l		99
79) 2-Chlorotoluene	12.75	91	171410	21.662	ug/l		100
80) 1,3,5-Trimethylbenzene	12.81	105	214683	21.454	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.38	75	17278	20.088	ug/l		97
82) 4-Chlorotoluene	12.86	91	177717	21.247	ug/l		99
83) tert-Butylbenzene	13.08	119	185457	21.886	ug/l		98
84) 1,2,4-Trimethylbenzene	13.12	105	213849	21.653	ug/l		100
85) sec-Butylbenzene	13.25	105	263475	21.493	ug/l		99
86) p-Isopropyltoluene	13.37	119	236646	22.143	ug/l		99
87) 1,3-Dichlorobenzene	13.36	146	114721	21.927	ug/l		99
88) 1,4-Dichlorobenzene	13.45	146	114048	21.808	ug/l		99
89) n-Butylbenzene	13.70	91	227226	21.515	ug/l		98
90) Hexachloroethane	13.96	117	42619	21.536	ug/l		97
91) 1,2-Dichlorobenzene	13.74	146	106337	22.458	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8652	20.360	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102819\
Data File : VY000449.D
Acq On : 28 Oct 2019 13:05
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 29 10:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74439	22.580	ug/l	99
94) Hexachlorobutadiene	15.11	225	39101	21.917	ug/l	97
95) Naphthalene	15.23	128	160719	21.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69031	23.234	ug/l	98

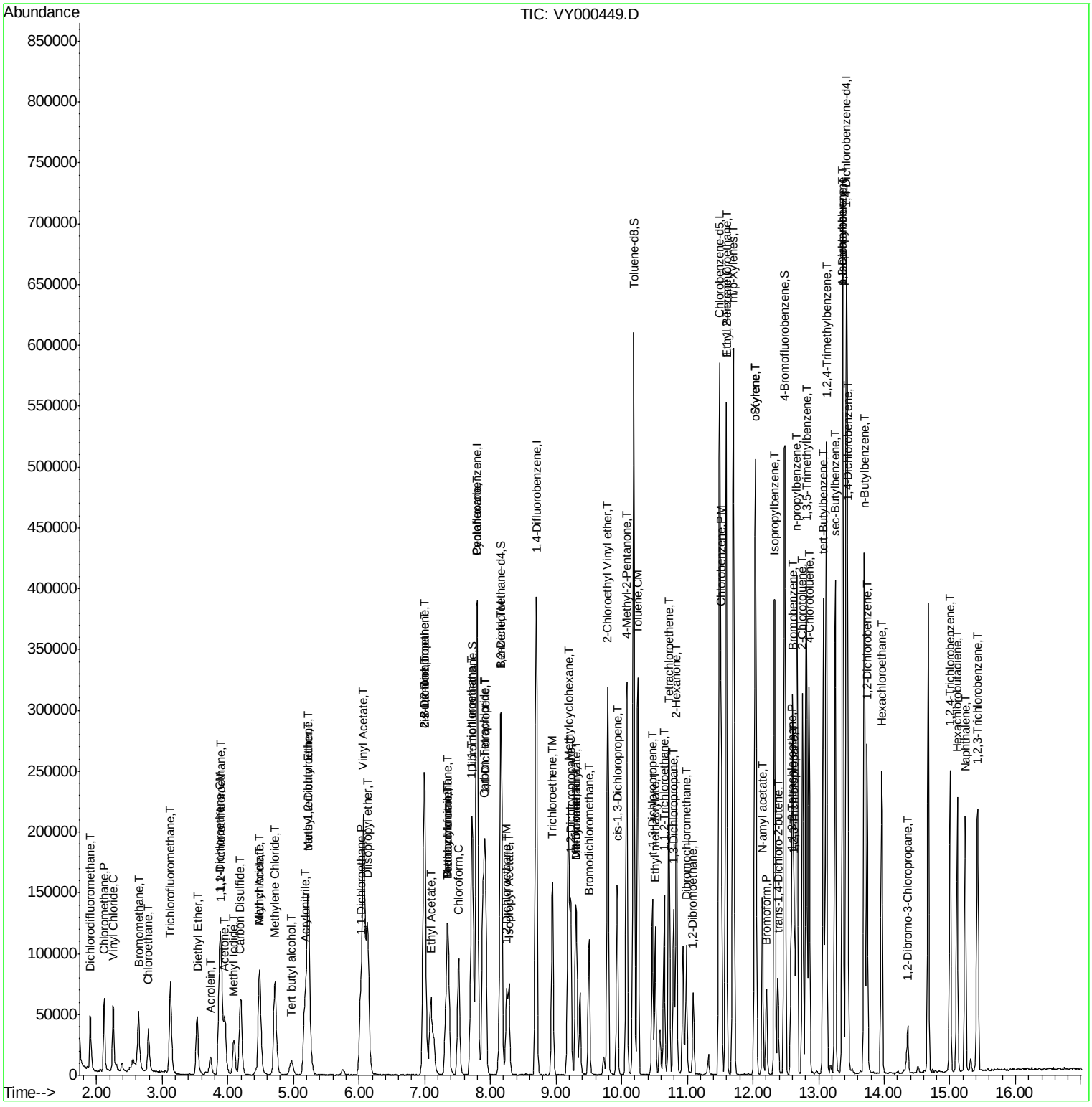
(#) = qualifier out of range (m) = manual integration (+) = signals summed

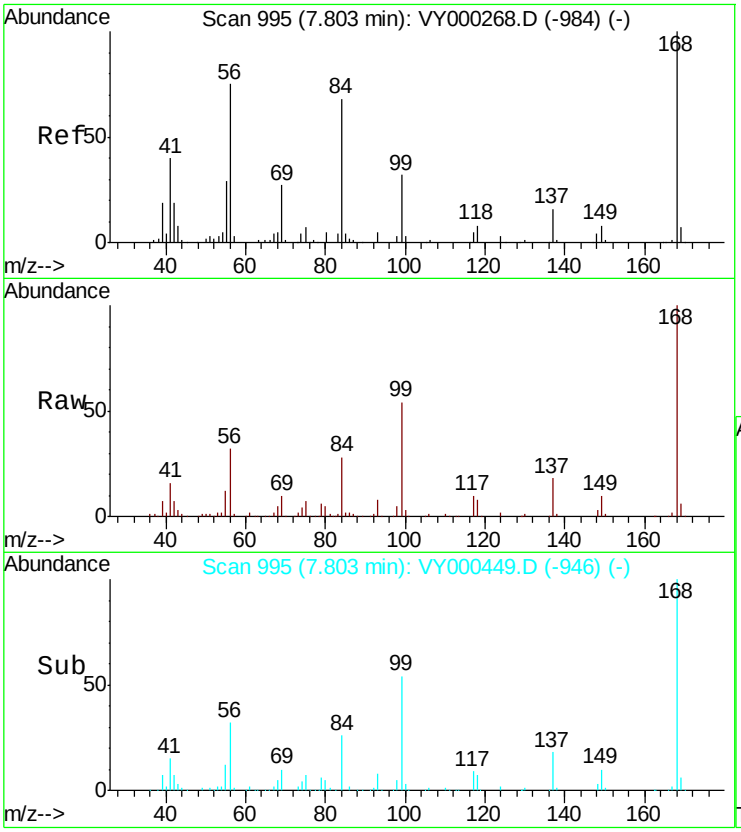
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102819\
Data File : VY000449.D
Acq On : 28 Oct 2019 13:05
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 29 10:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



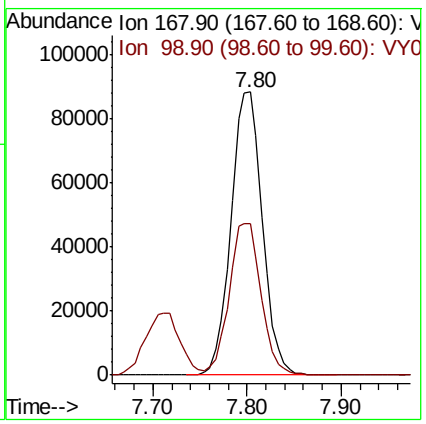


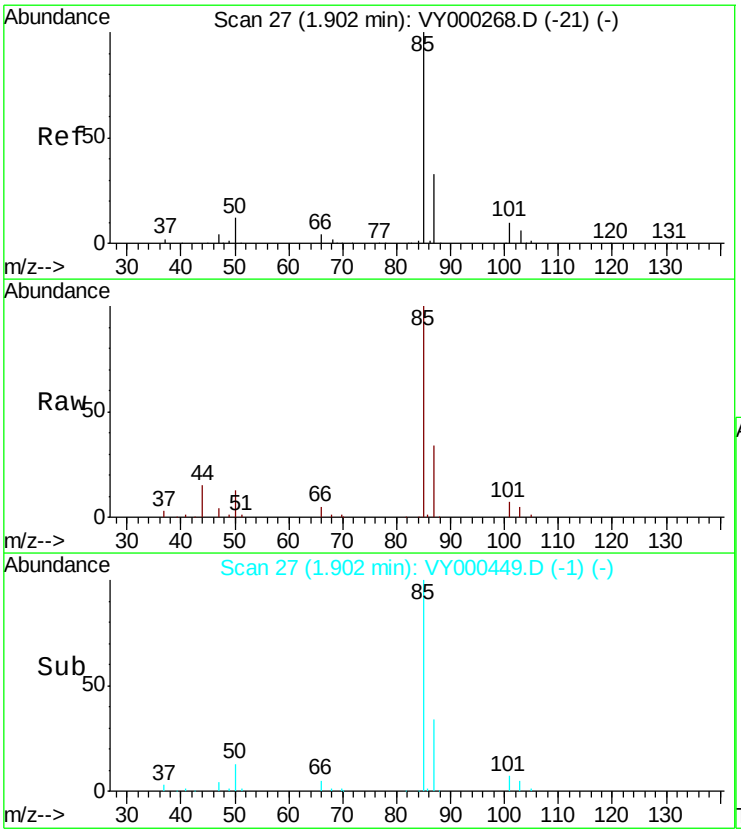
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 204128

Ion	Ratio	Lower	Upper
168	100		
99	53.6	46.6	69.8

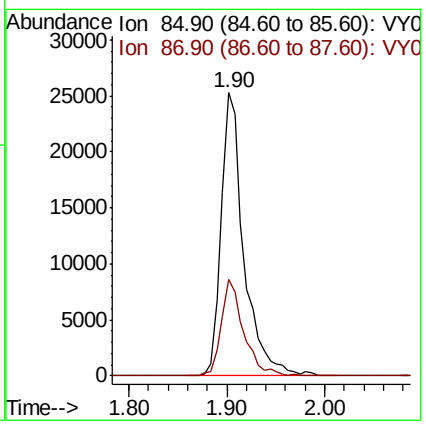


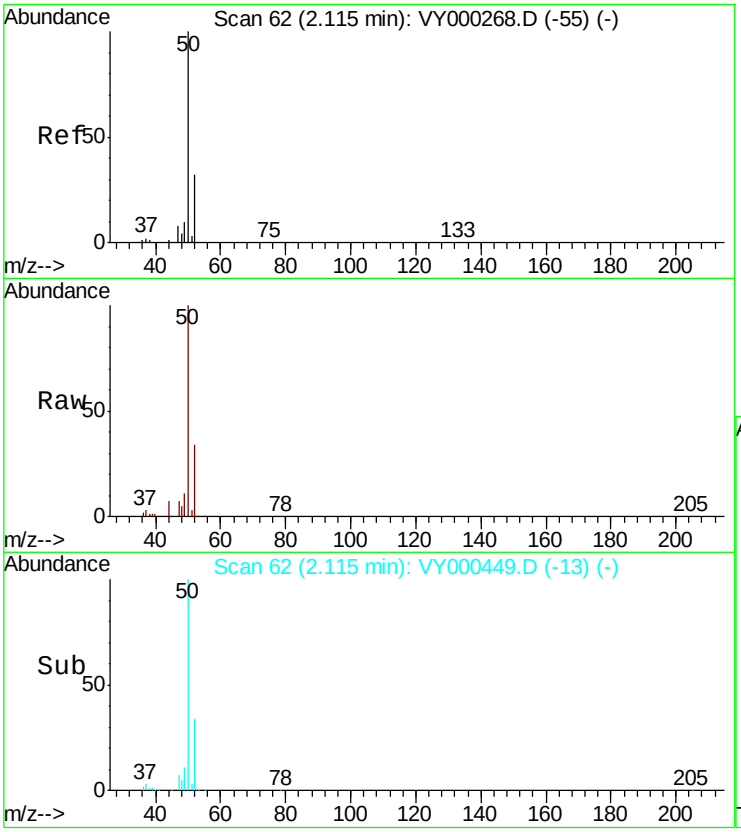


#2
Dichlorodifluoromethane
Concen: 22.875 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 85 Resp: 40696

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.6	49.8



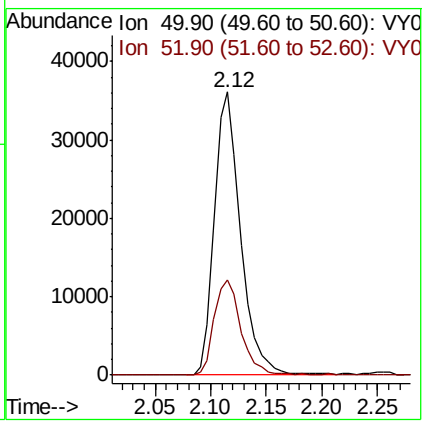


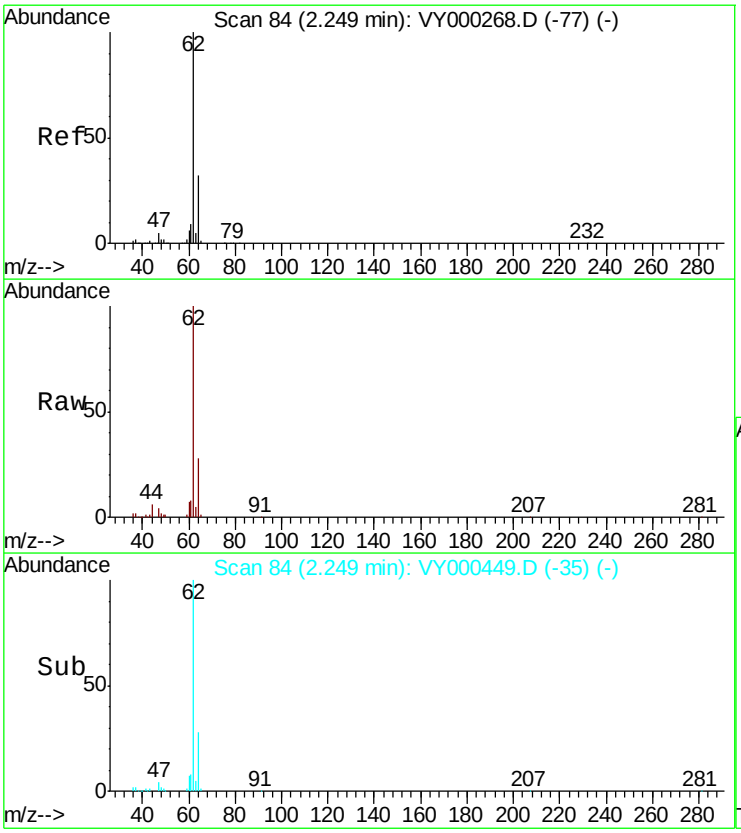
#3
Chloromethane
Concen: 23.598 ug/l
RT: 2.12 min Scan# 62
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 58862

Ion	Ratio	Lower	Upper
50	100		
52	33.7	25.3	37.9

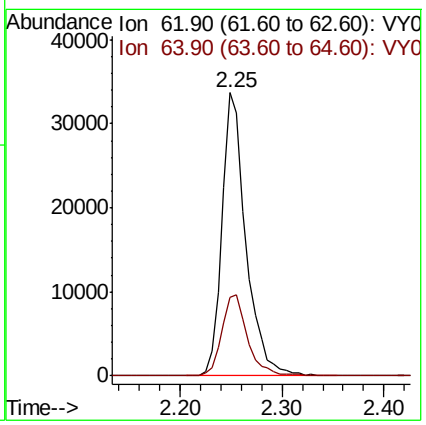


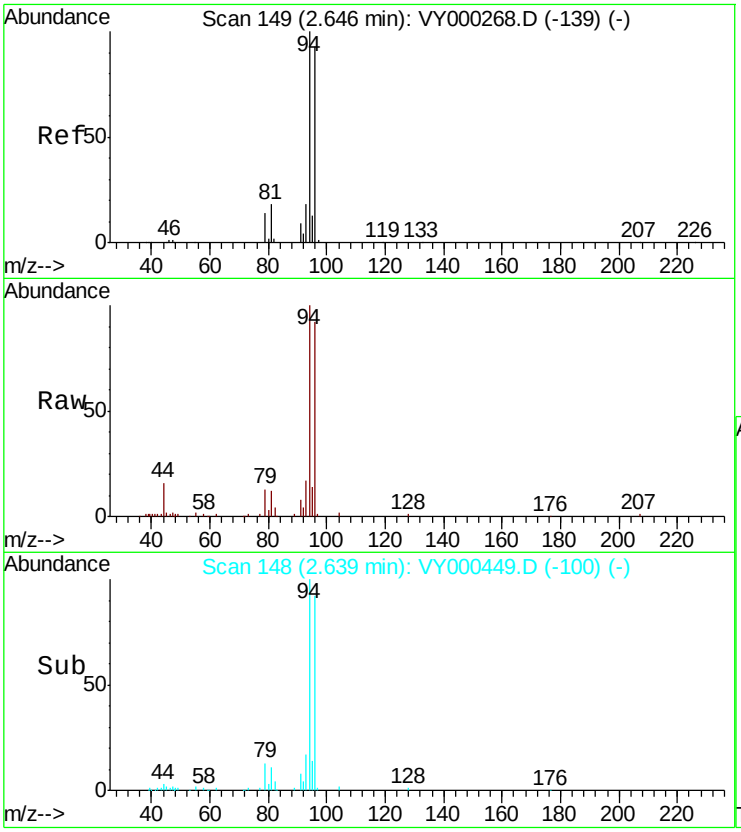


#4
Vinyl Chloride
Concen: 21.717 ug/l
RT: 2.25 min Scan# 84
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 62 Resp: 54669

Ion	Ratio	Lower	Upper
62	100		
64	28.0	25.6	38.4



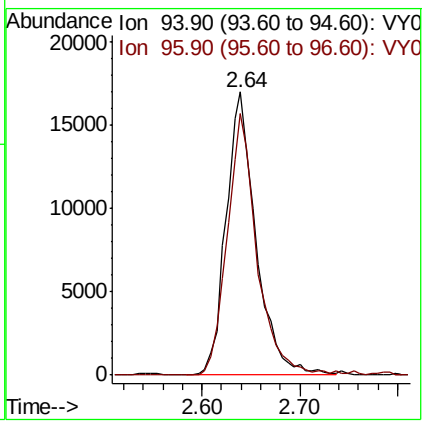


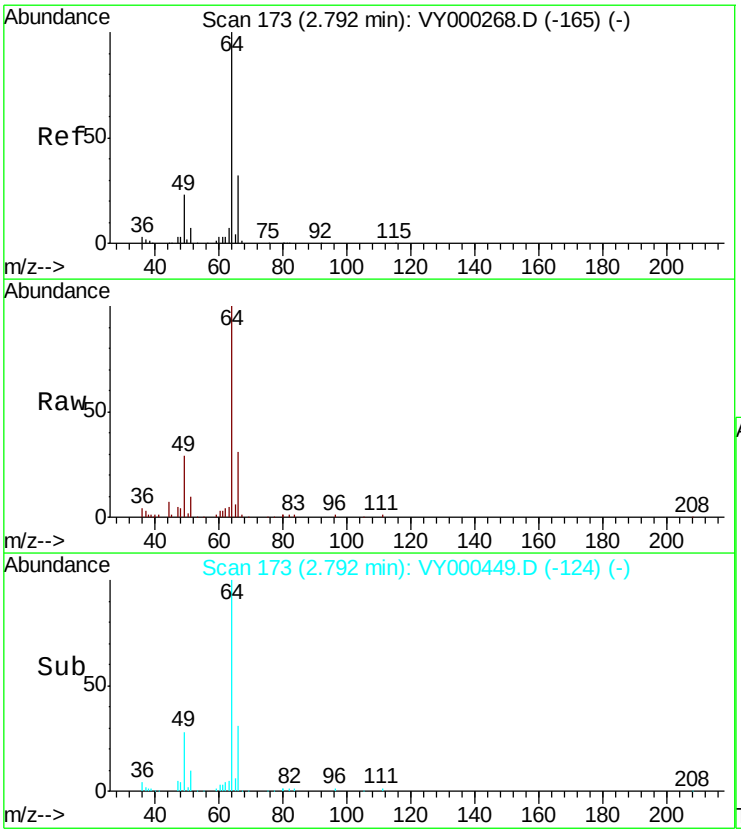
#5
Bromomethane
Concen: 19.300 ug/l
RT: 2.64 min Scan# 148
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 36007

Ion	Ratio	Lower	Upper
94	100		
96	92.1	74.2	111.2

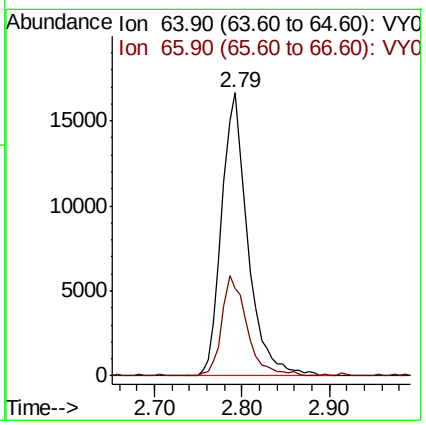


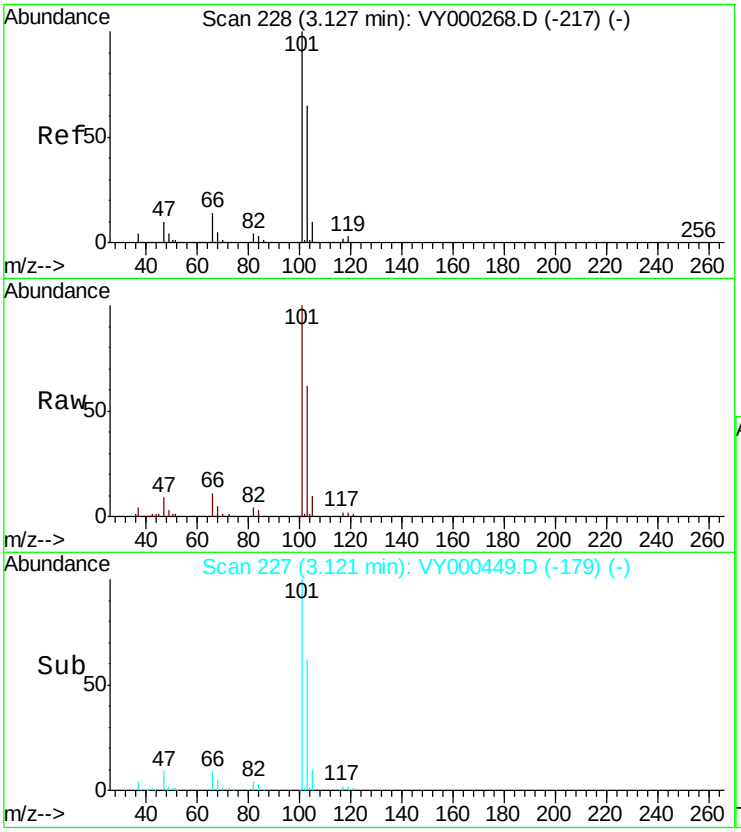


#6
Chloroethane
Concen: 21.358 ug/l
RT: 2.79 min Scan# 173
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 64 Resp: 34692

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.6	38.4



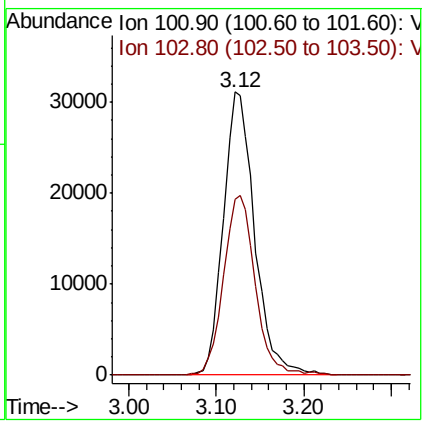


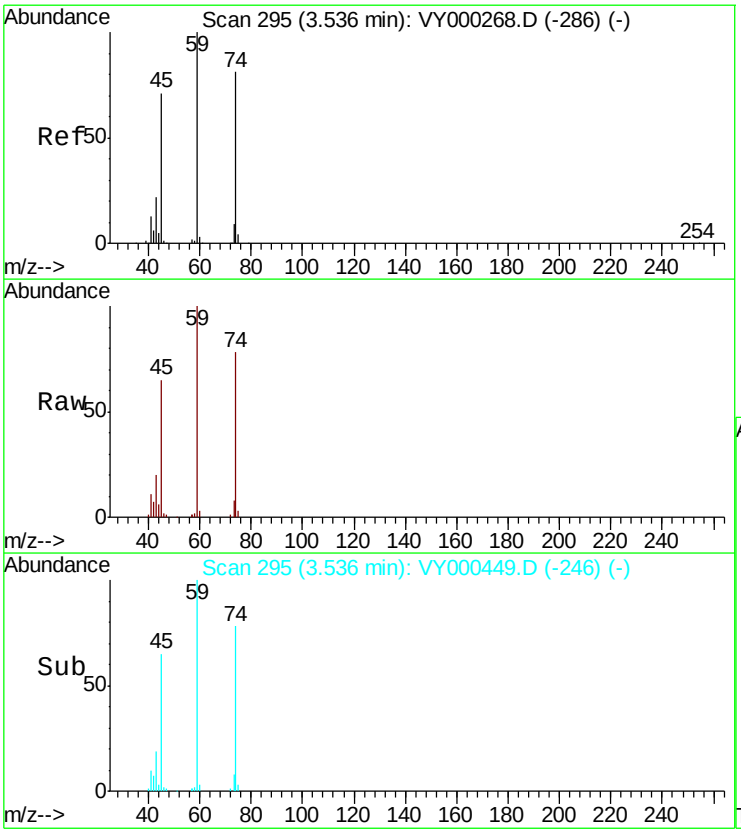
#7
Trichlorofluoromethane
Concen: 22.402 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 77142

Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.2	78.4

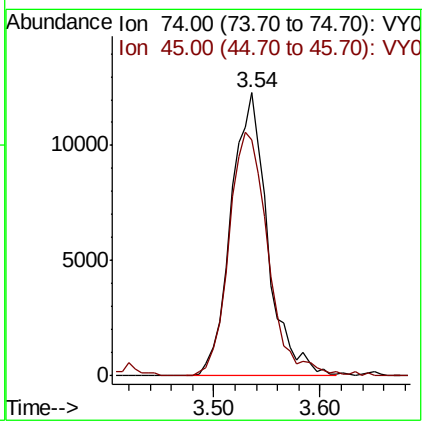


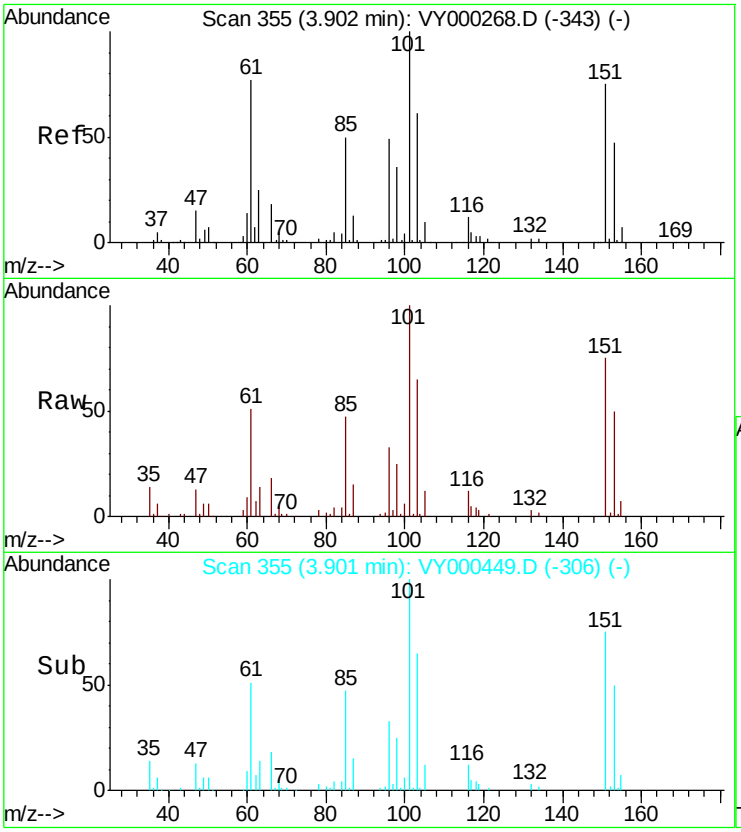


#8
Diethyl Ether
Concen: 24.393 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 74 Resp: 29674

Ion	Ratio	Lower	Upper
74	100		
45	91.8	47.1	141.4



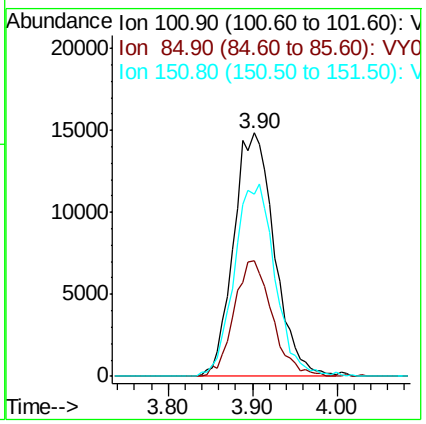


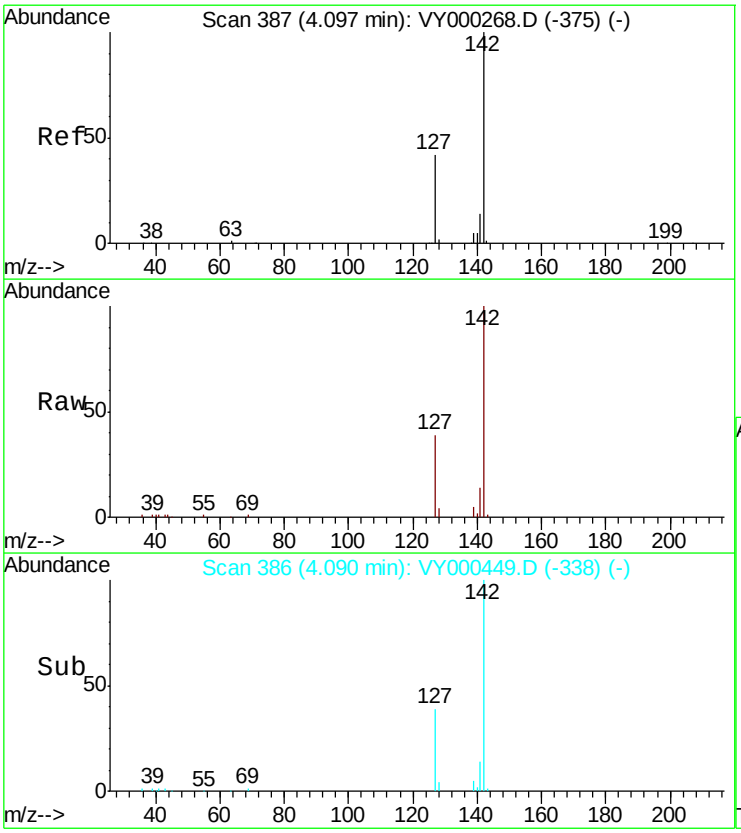
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.414 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 48896

Ion	Ratio	Lower	Upper
101	100		
85	44.1	36.6	55.0
151	78.5	63.1	94.7

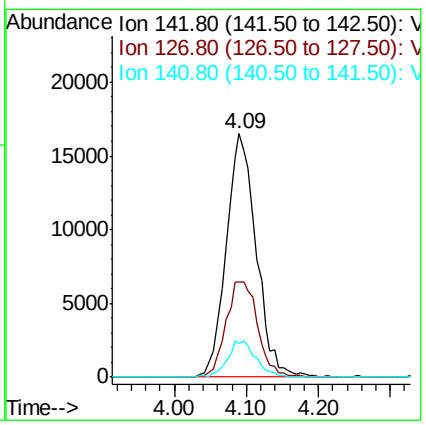


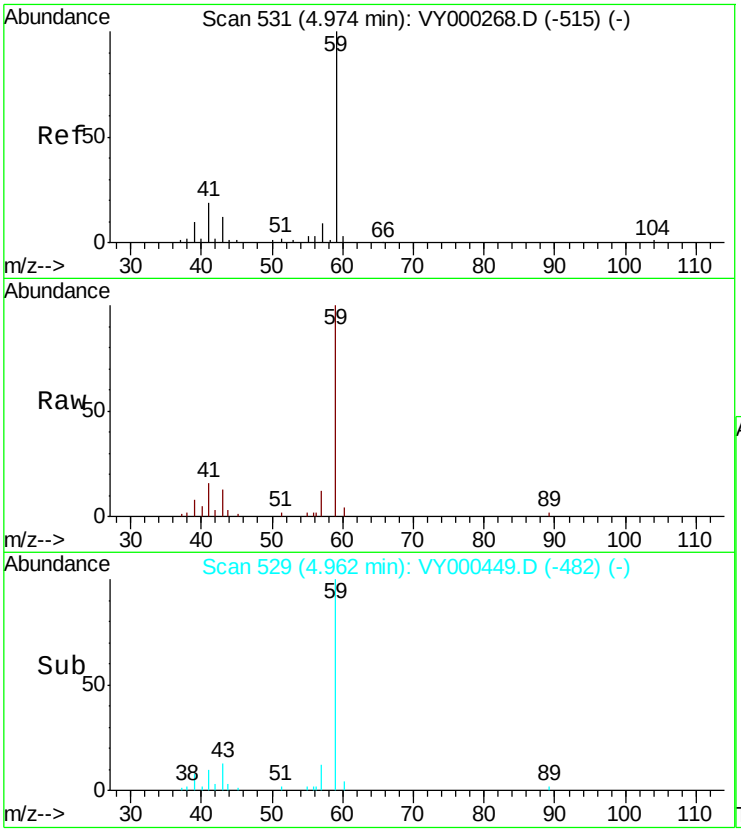


#10
Methyl Iodide
Concen: 16.818 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:142 Resp: 47629

Ion	Ratio	Lower	Upper
142	100		
127	41.4	33.9	50.9
141	14.2	11.2	16.8



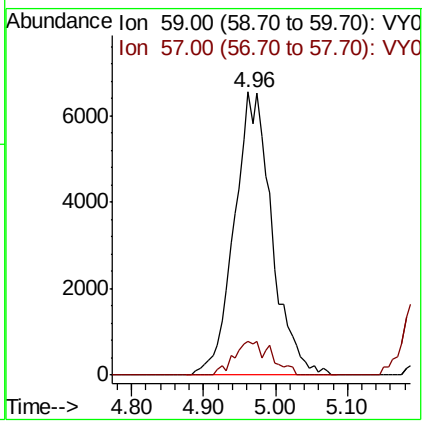


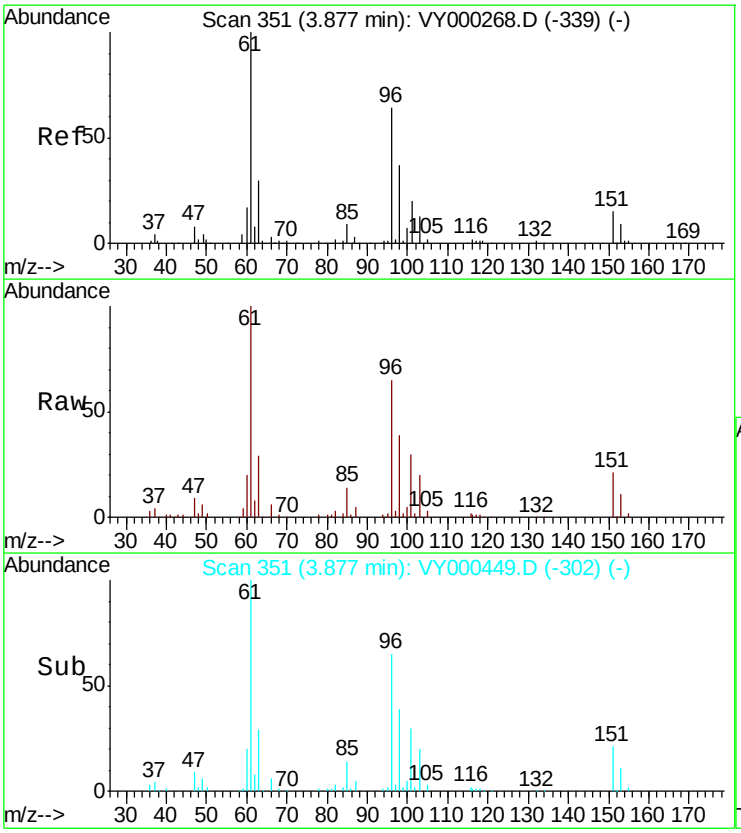
#11
Tert butyl alcohol
Concen: 105.313 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 23731

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.2	12.2

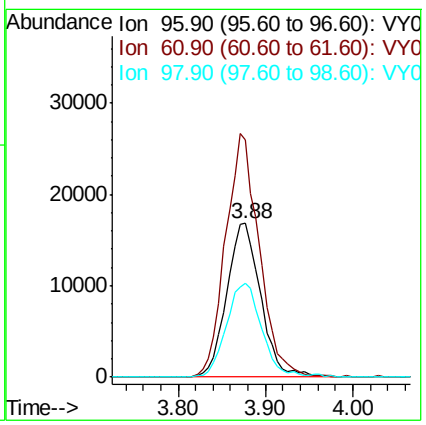


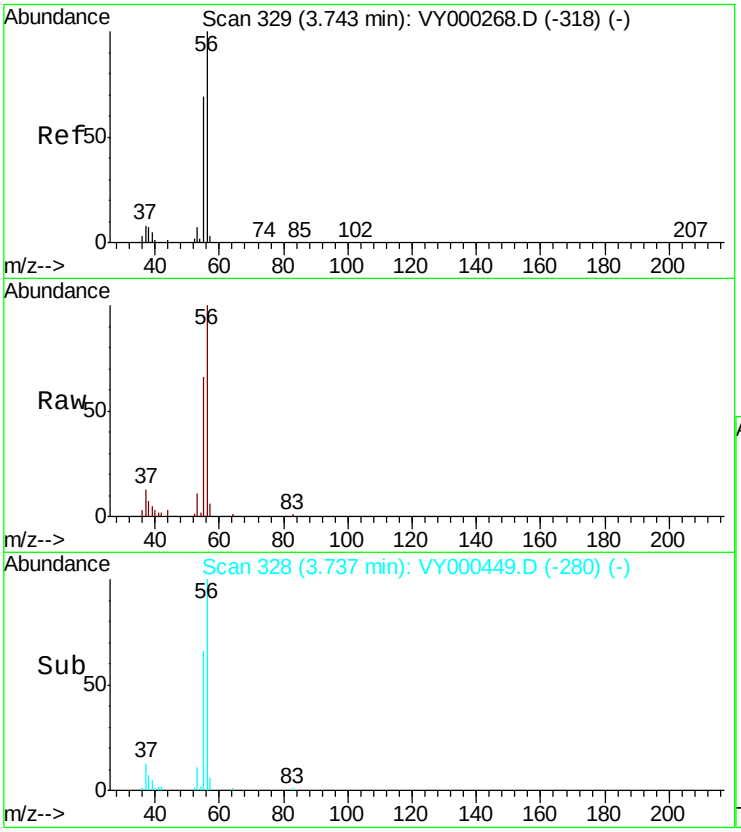


#12
1,1-Dichloroethene
Concen: 22.032 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 96 Resp: 45423

Ion	Ratio	Lower	Upper
96	100		
61	154.3	125.8	188.6
98	60.8	46.2	69.2



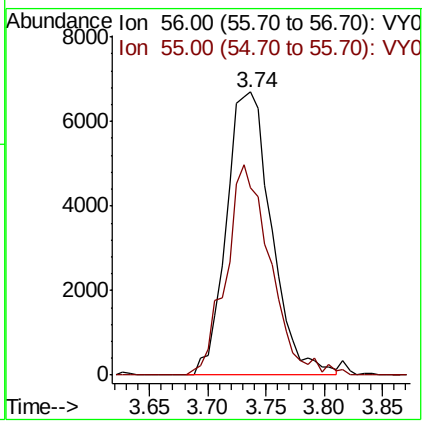


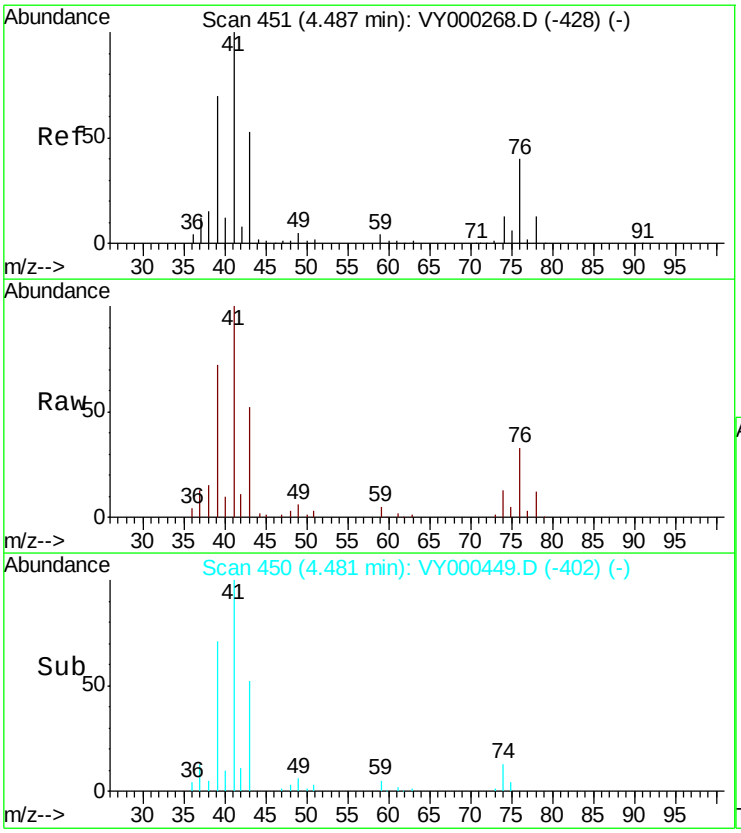
#13
Acrolein
Concen: 68.365 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 18061

Ion	Ratio	Lower	Upper
56	100		
55	73.1	55.7	83.5

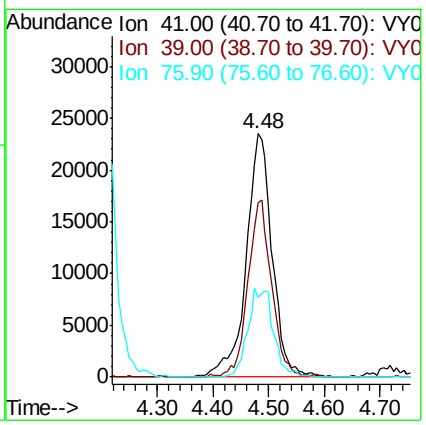


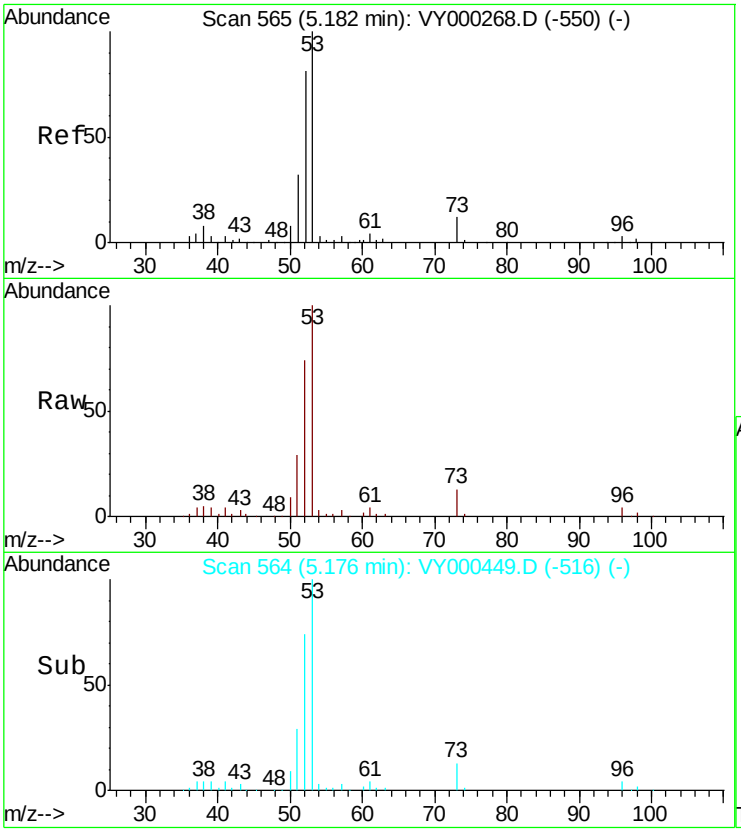


#14
Allyl chloride
Concen: 22.399 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 41 Resp: 76526

Ion	Ratio	Lower	Upper
41	100		
39	64.7	54.0	81.0
76	35.9	30.7	46.1



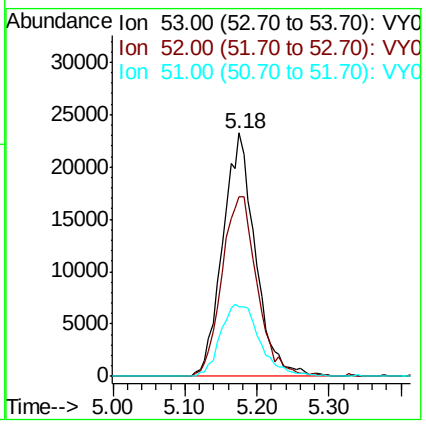


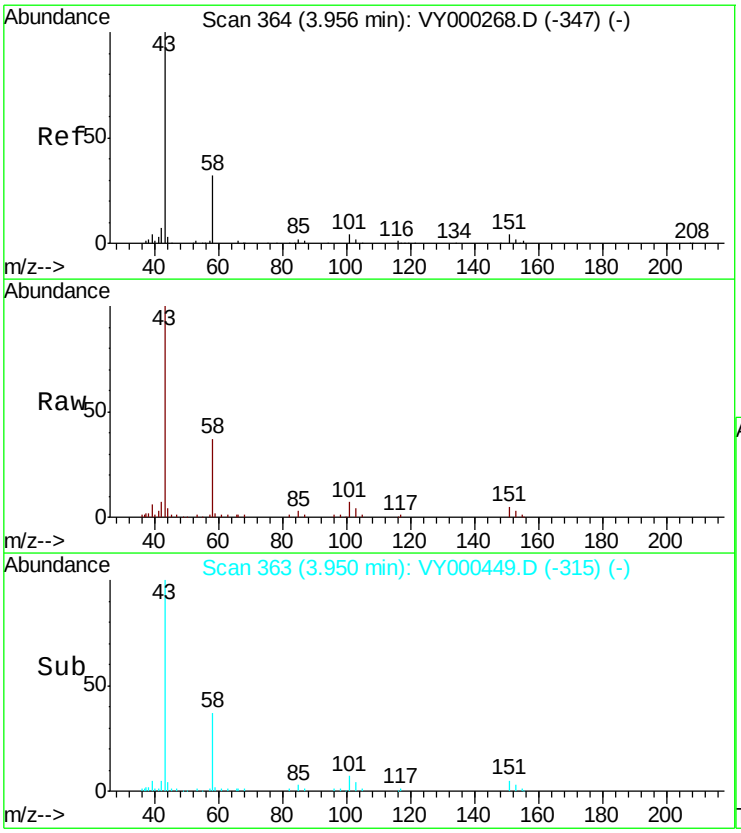
#15
Acrylonitrile
Concen: 106.931 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 72808

Ion	Ratio	Lower	Upper
53	100		
52	79.7	62.9	94.3
51	35.8	26.9	40.3

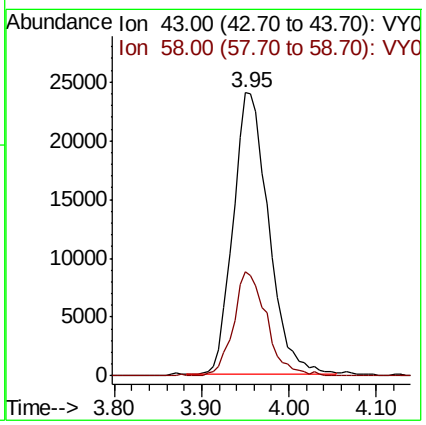


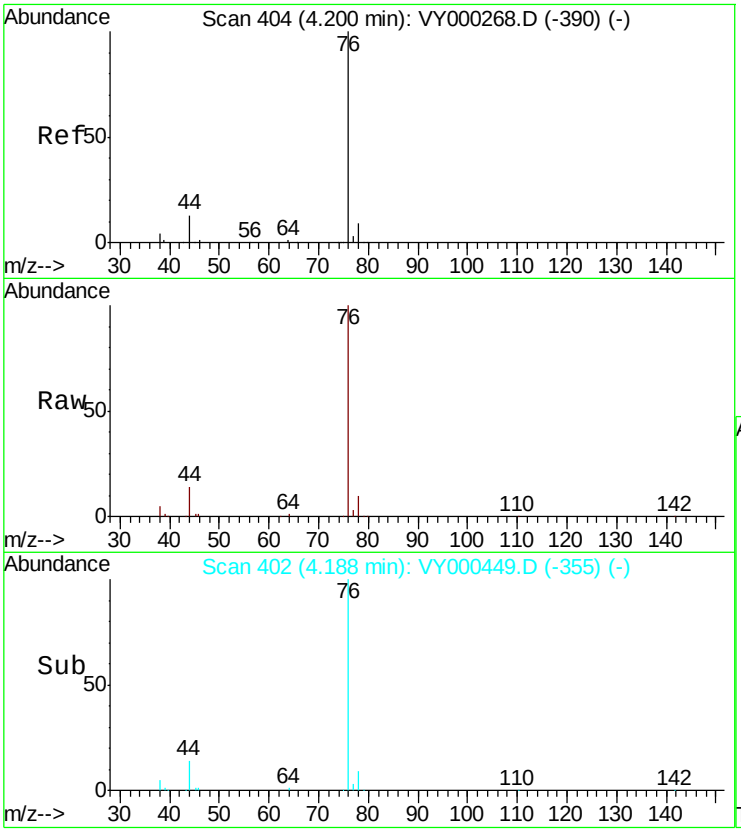


#16
Acetone
Concen: 96.964 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 43 Resp: 67614

Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.8	38.6



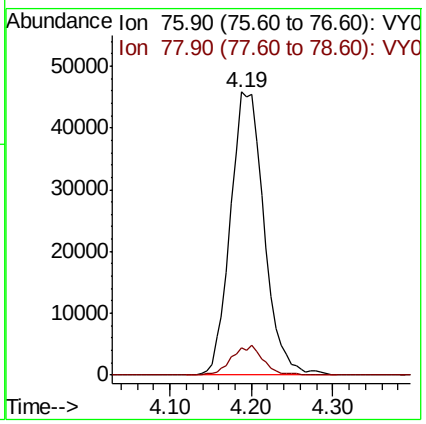


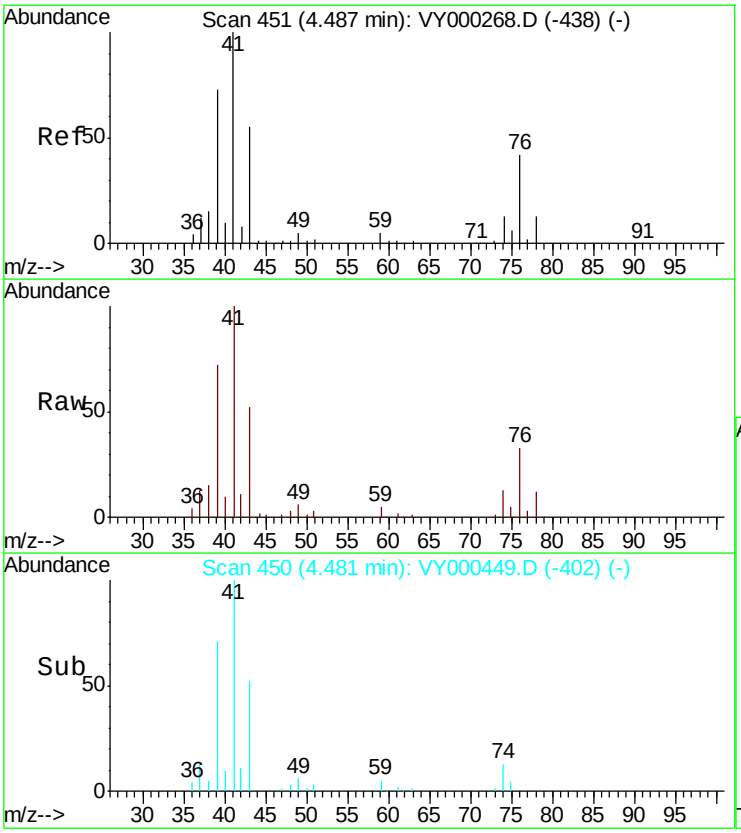
#17
Carbon Disulfide
Concen: 20.180 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 130994

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.4

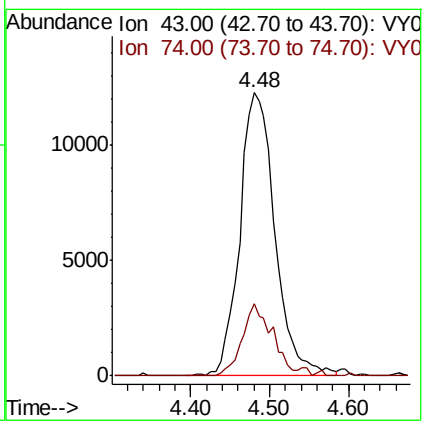


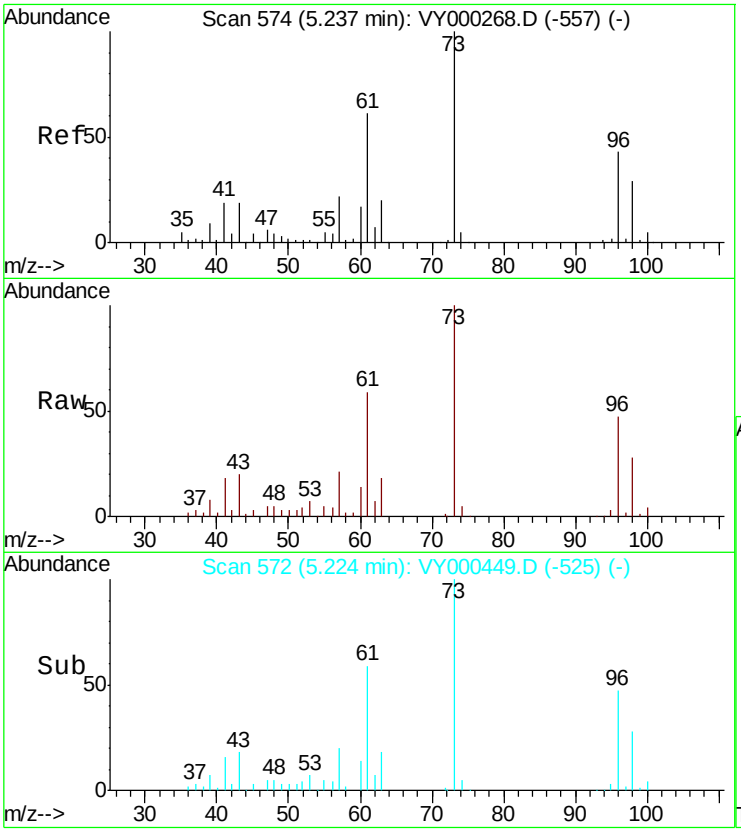


#18
Methyl Acetate
Concen: 21.945 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 43 Resp: 38021

Ion	Ratio	Lower	Upper
43	100		
74	21.9	20.4	30.6



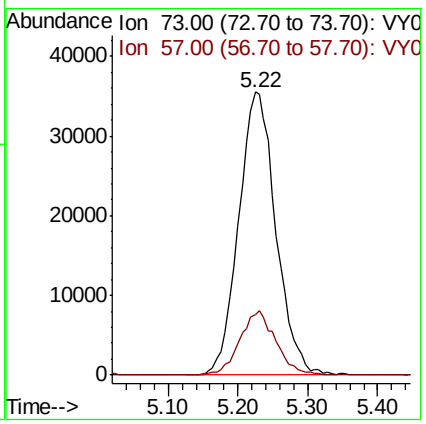


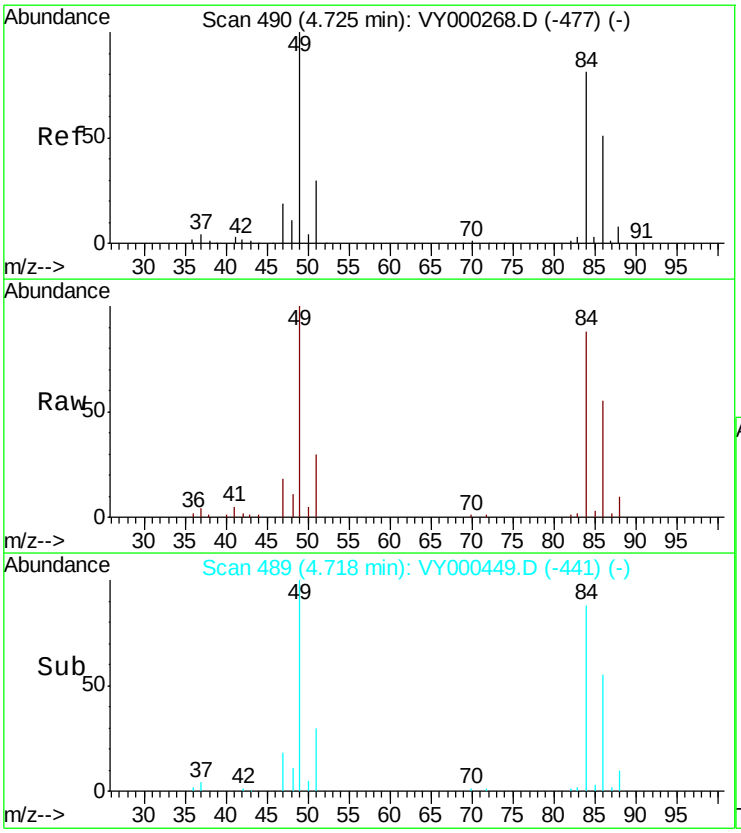
#19
Methyl tert-butyl Ether
Concen: 22.833 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 131042

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.4	26.0

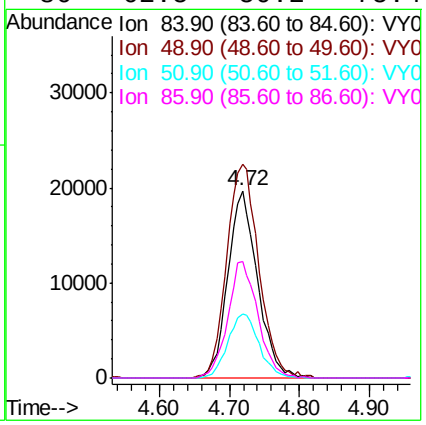


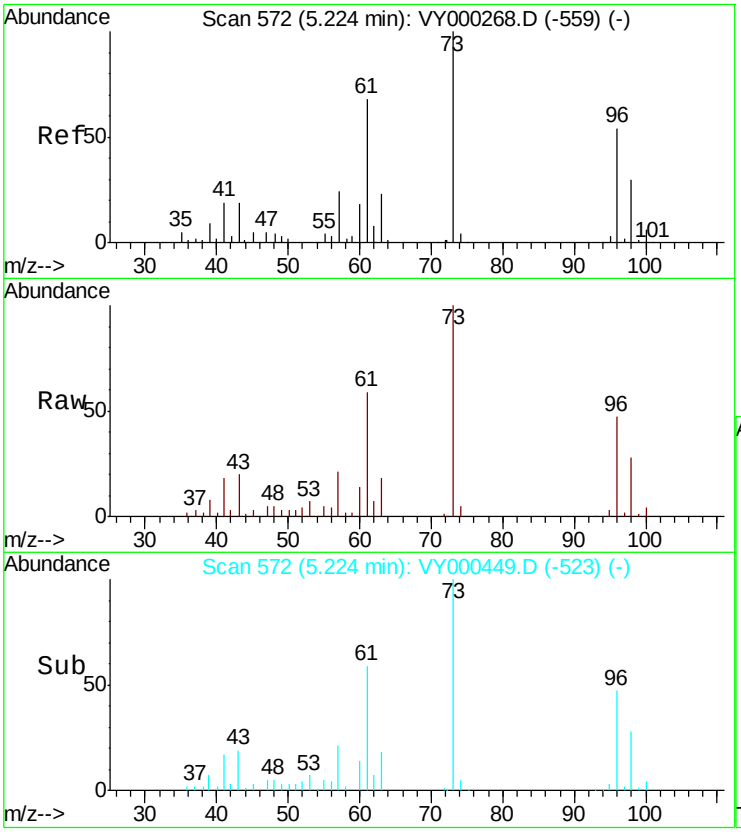


#20
Methylene Chloride
Concen: 21.577 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 84 Resp: 57954

Ion	Ratio	Lower	Upper
84	100		
49	114.0	99.0	148.4
51	34.4	29.3	43.9
86	62.5	50.2	75.4



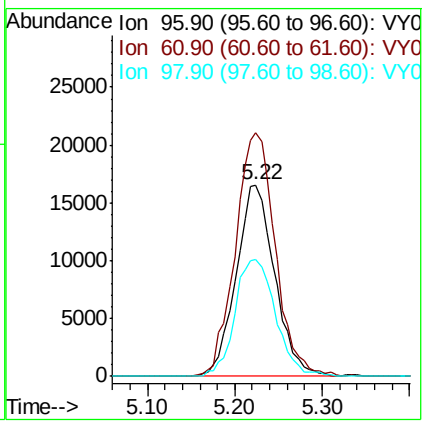


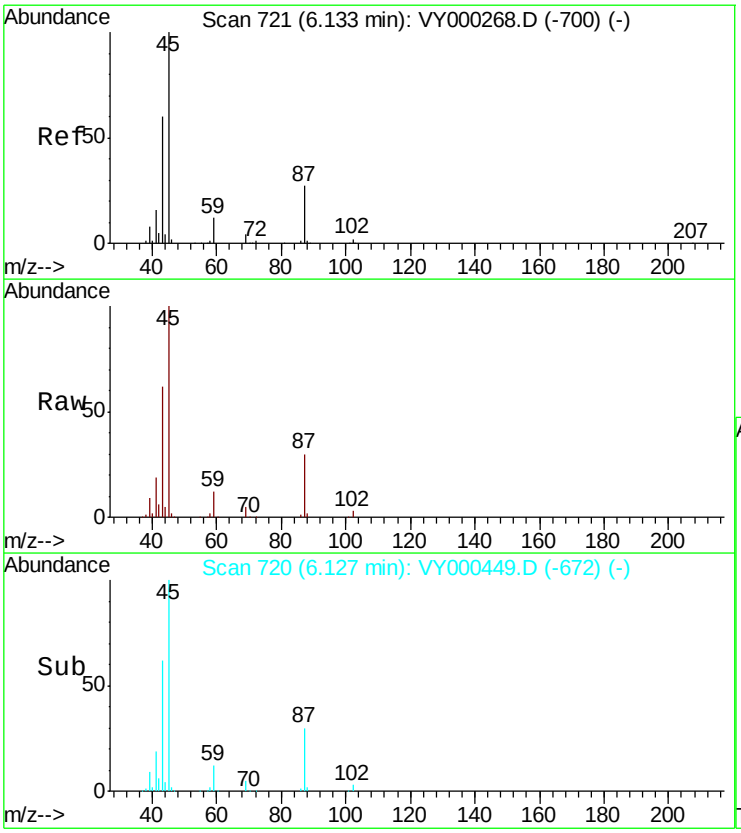
#21
trans-1,2-Dichloroethene
Concen: 21.445 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 50724

Ion	Ratio	Lower	Upper
96	100		
61	127.3	100.4	150.6
98	61.0	44.6	66.8

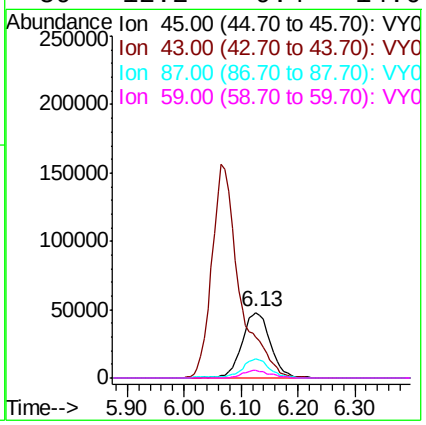


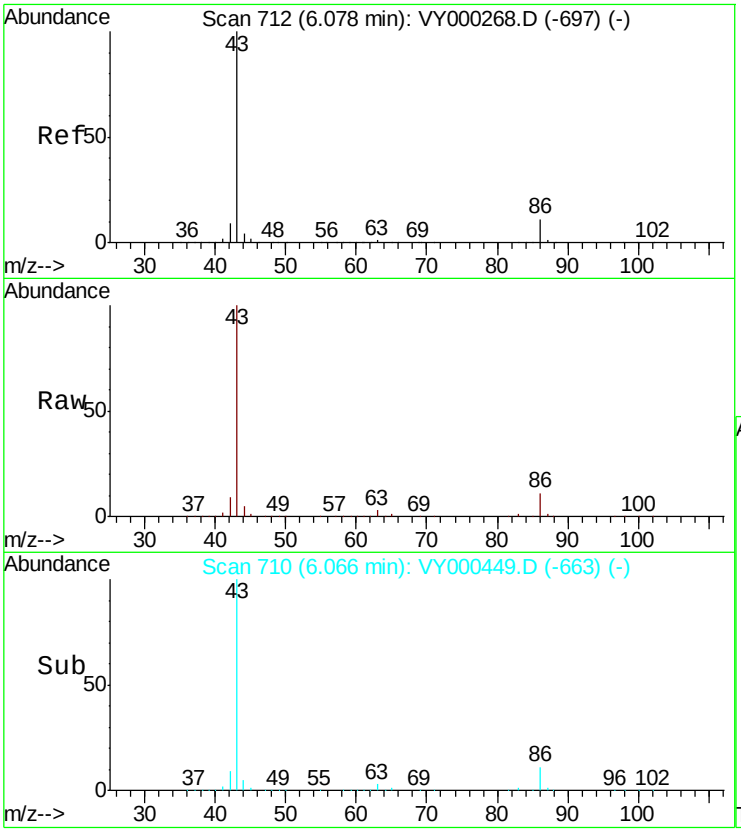


#22
Diisopropyl ether
Concen: 22.960 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 45 Resp: 165907

Ion	Ratio	Lower	Upper
45	100		
43	61.3	48.5	72.7
87	30.1	21.5	32.3
59	12.2	9.4	14.0



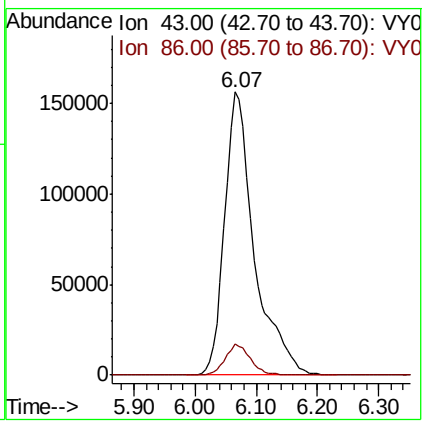


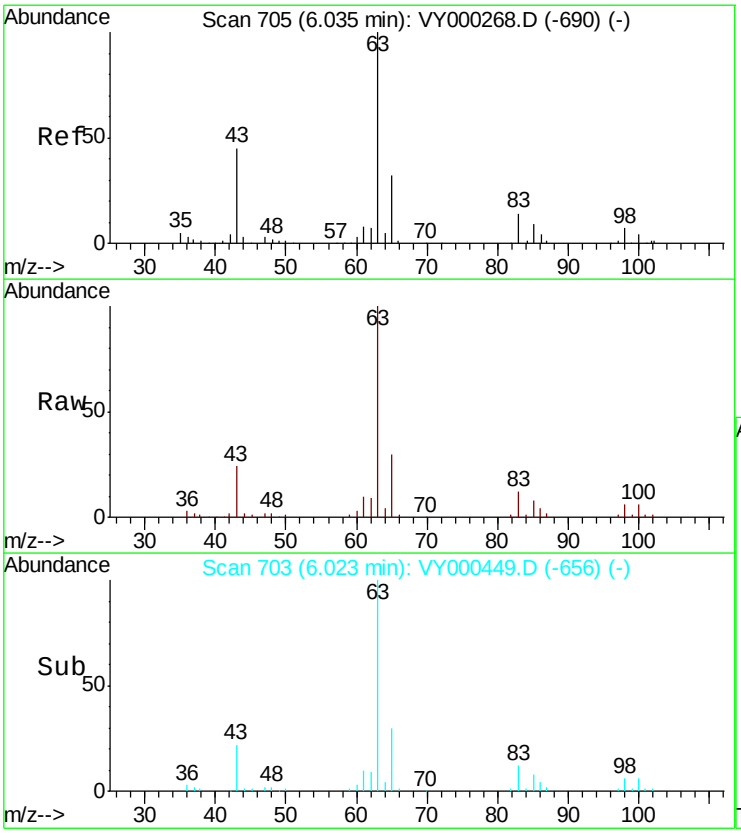
#23
Vinyl Acetate
Concen: 111.078 ug/l
RT: 6.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 523637

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.6	13.0

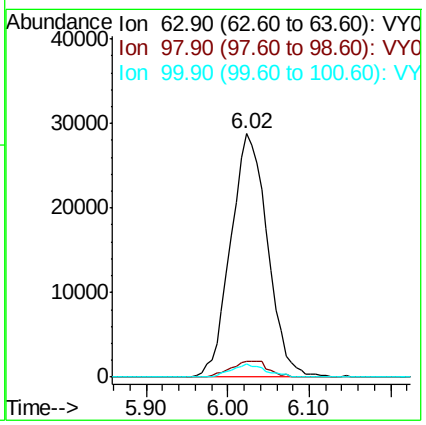


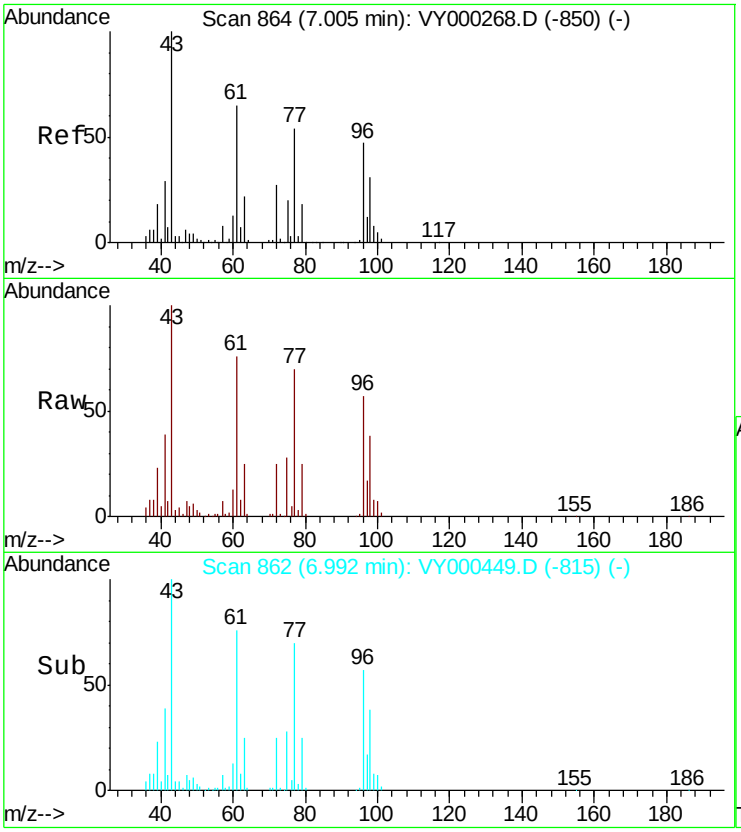


#24
1,1-Dichloroethane
Concen: 22.866 ug/l
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 63 Resp: 90187

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.4
100	5.5	2.1	6.2



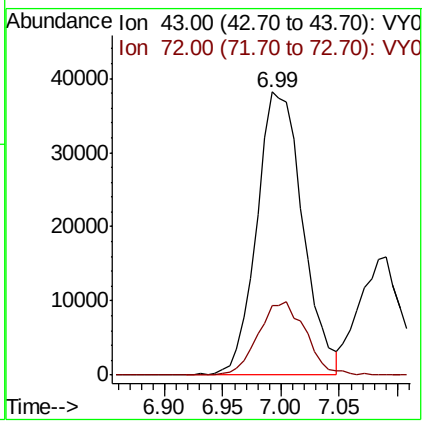


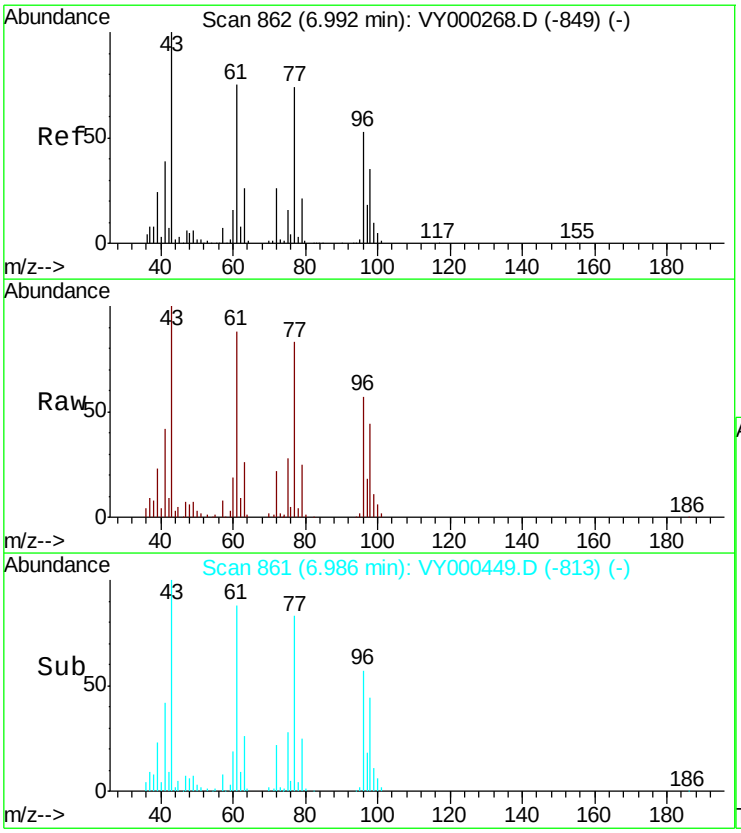
#25
2-Butanone
Concen: 106.286 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 104403

Ion	Ratio	Lower	Upper
43	100		
72	24.6	21.4	32.2

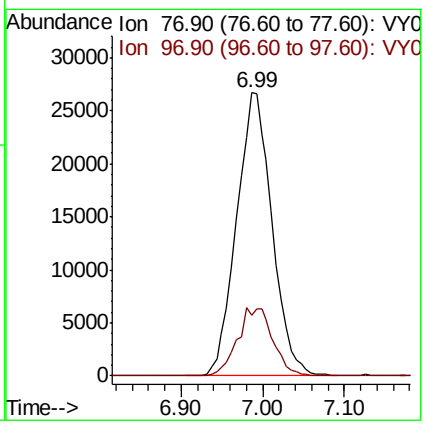


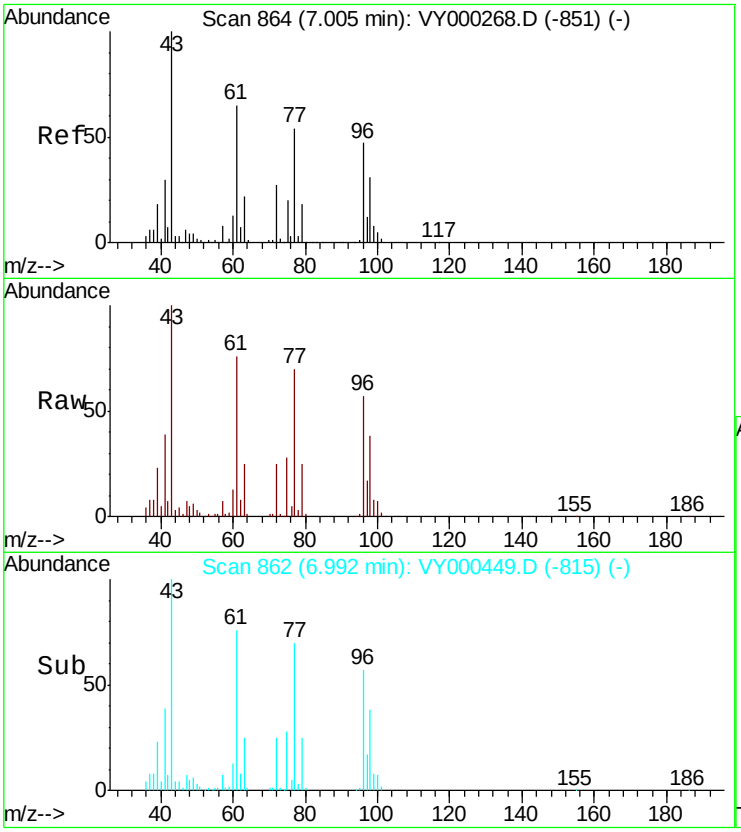


#26
2,2-Dichloropropane
Concen: 22.176 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 77 Resp: 80597

Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.6	34.7



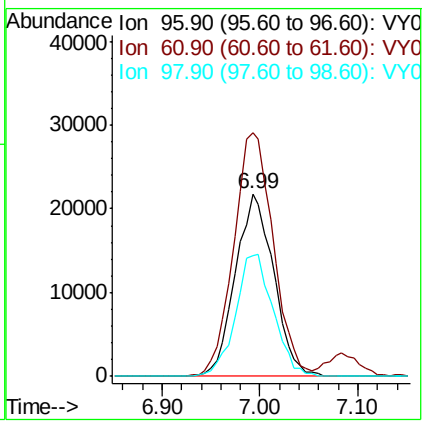


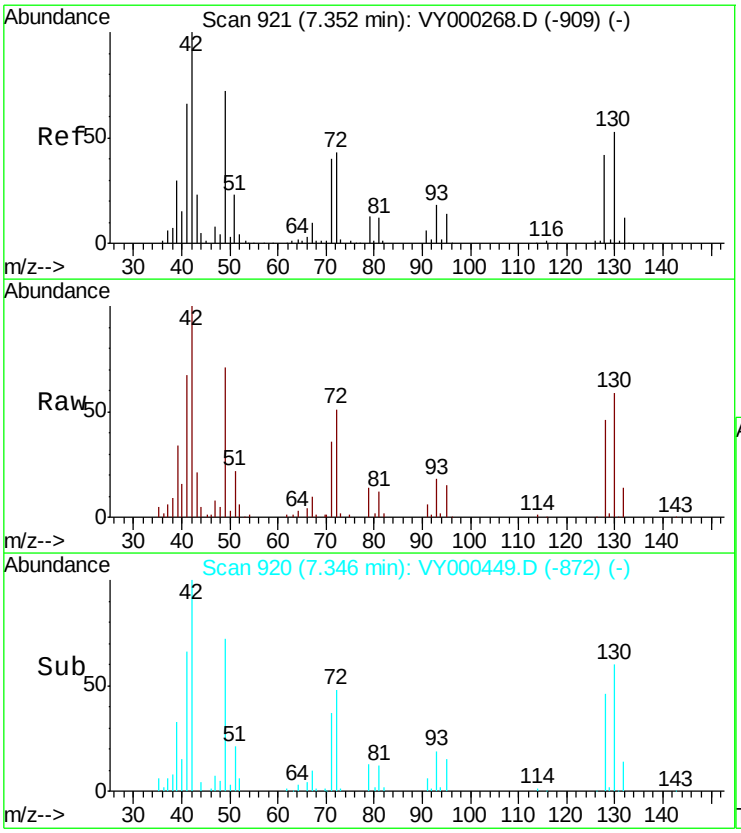
#27
cis-1,2-Dichloroethene
Concen: 23.071 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 59049

Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	289.8
98	65.5	0.0	131.8

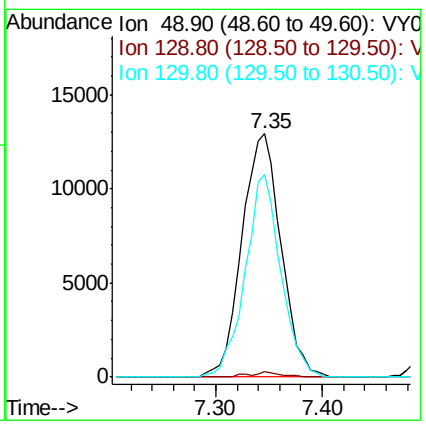


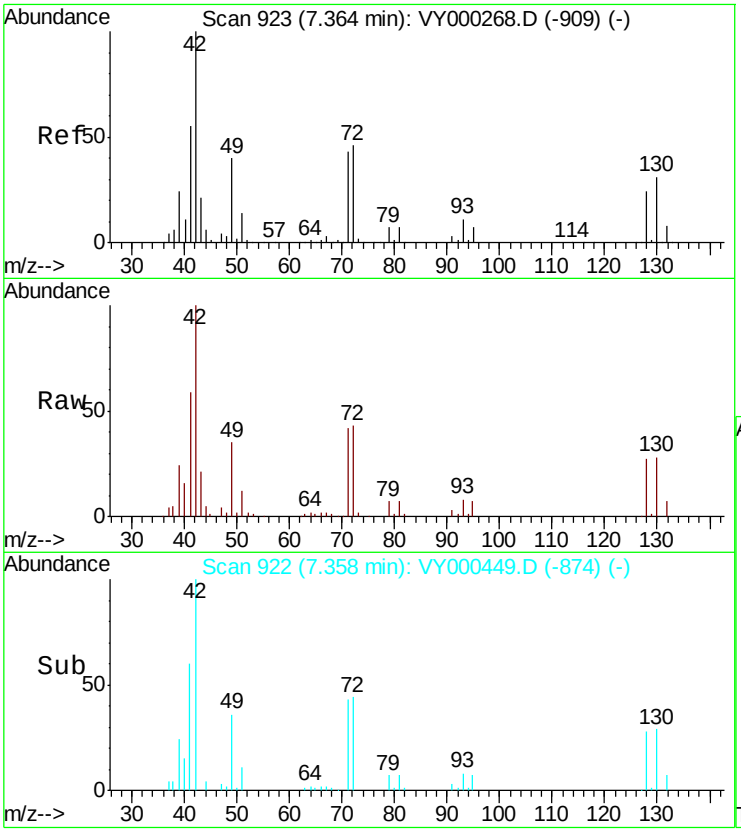


#28
Bromochloromethane
Concen: 19.644 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 49 Resp: 33261

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	75.9	58.2	87.2



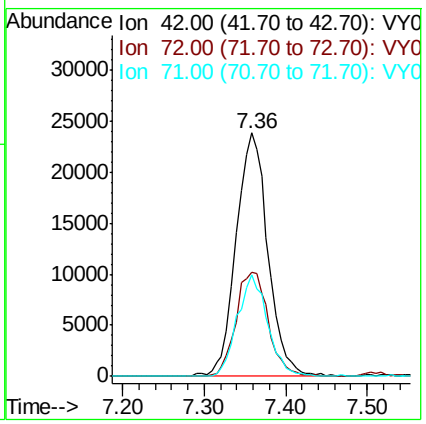


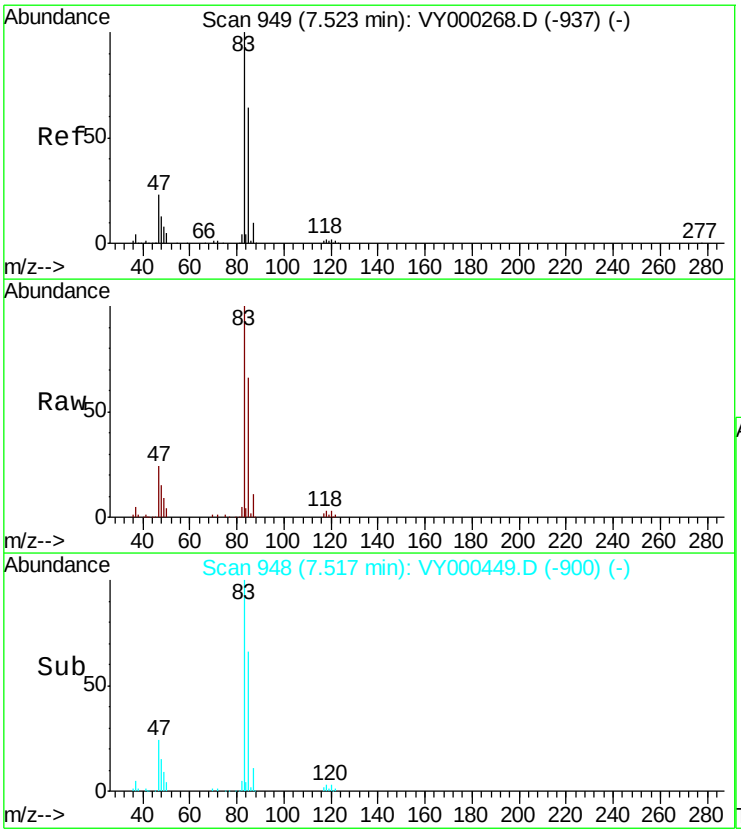
#29
Tetrahydrofuran
Concen: 108.207 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 64416

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	39.7	32.7	49.1

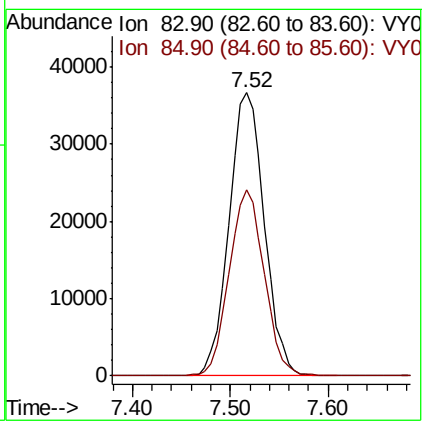


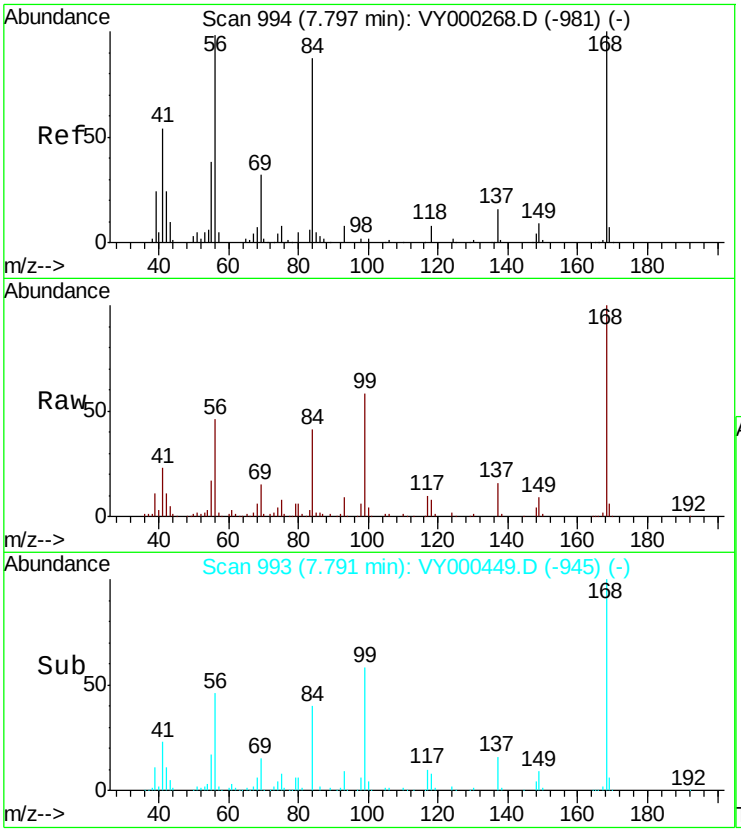


#30
Chloroform
Concen: 23.053 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 83 Resp: 91568

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2



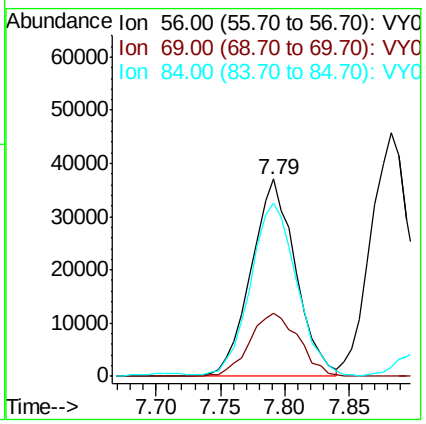


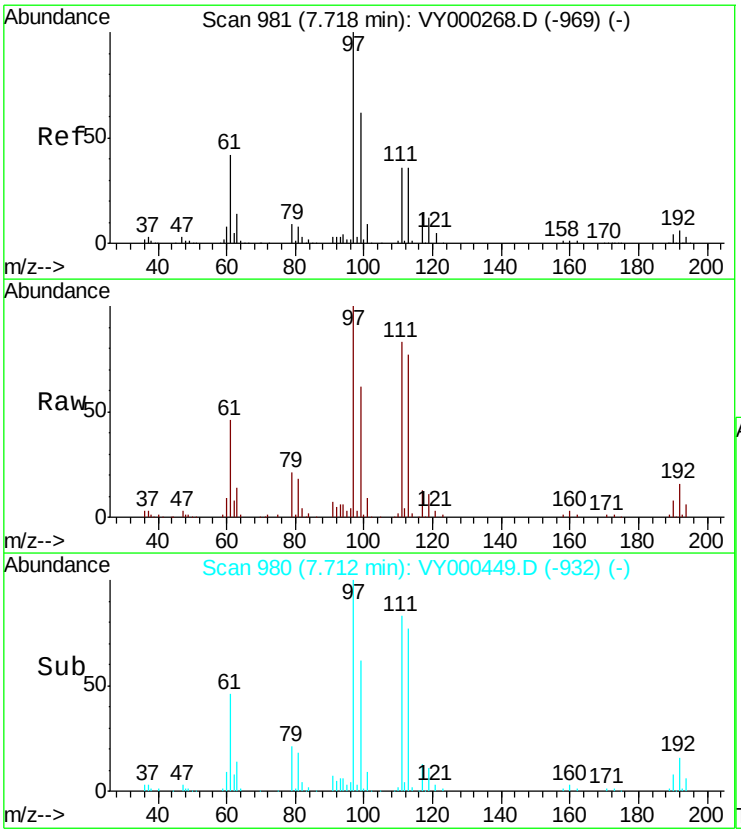
#31
Cyclohexane
Concen: 21.576 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 88884

Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.3	39.5
84	86.8	70.8	106.2

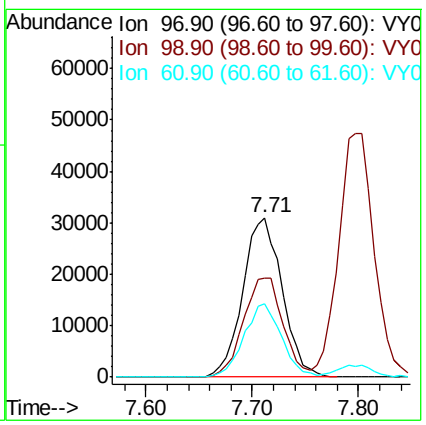


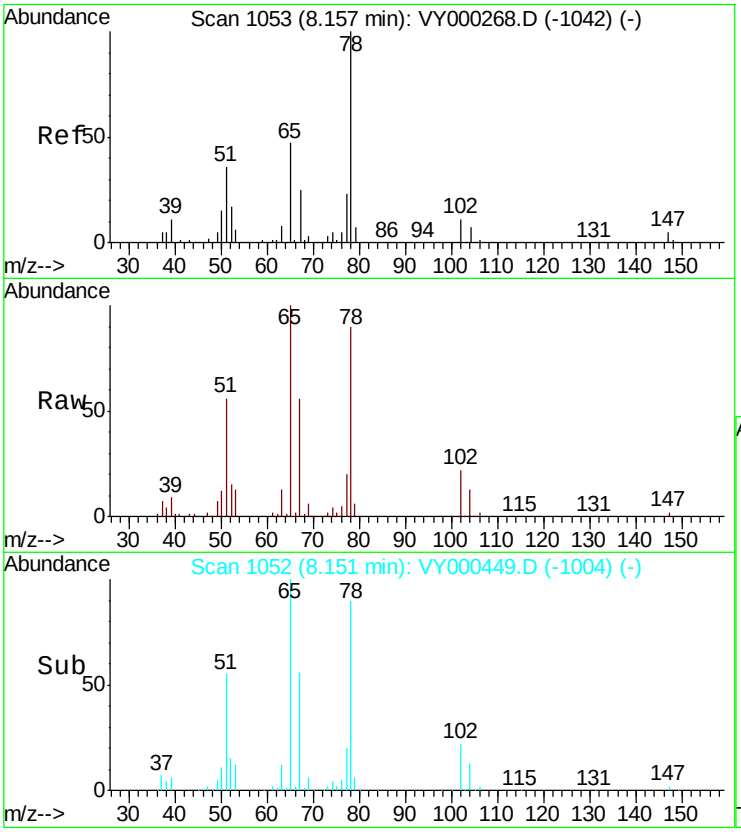


#32
1,1,1-Trichloroethane
Concen: 22.766 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 97 Resp: 80396

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.7	77.5
61	43.8	34.5	51.7



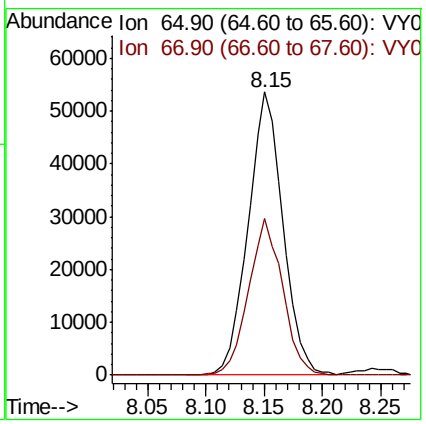


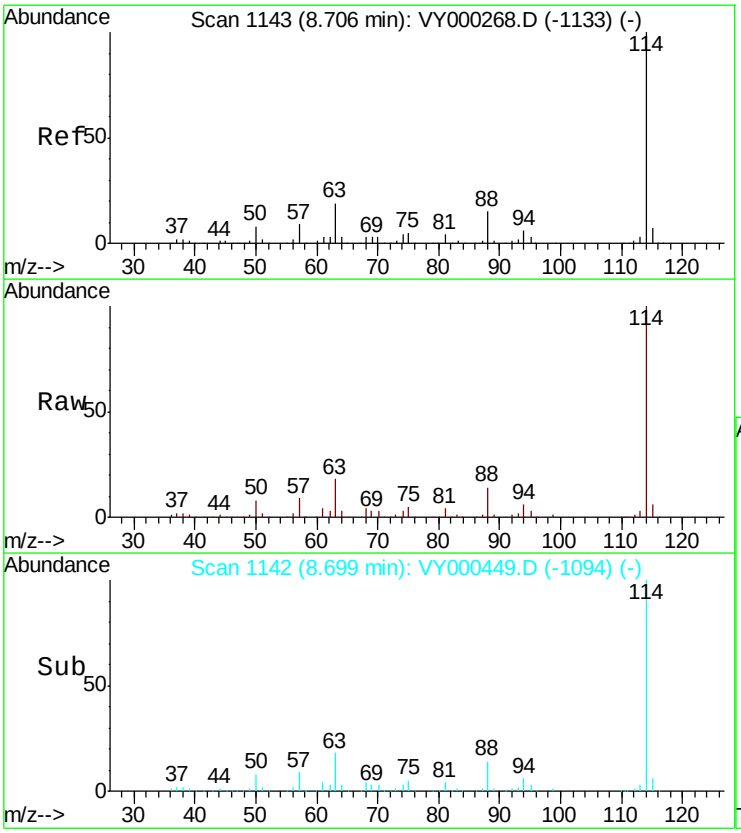
#33
1,2-Dichloroethane-d4
Concen: 51.847 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 111638

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.4

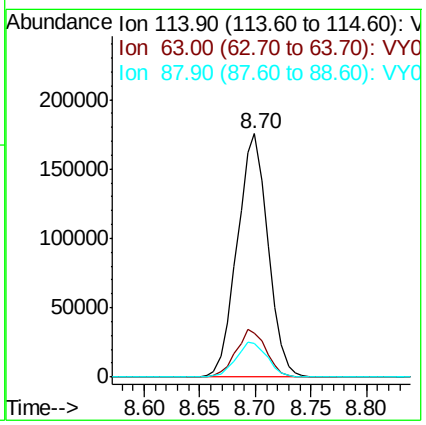


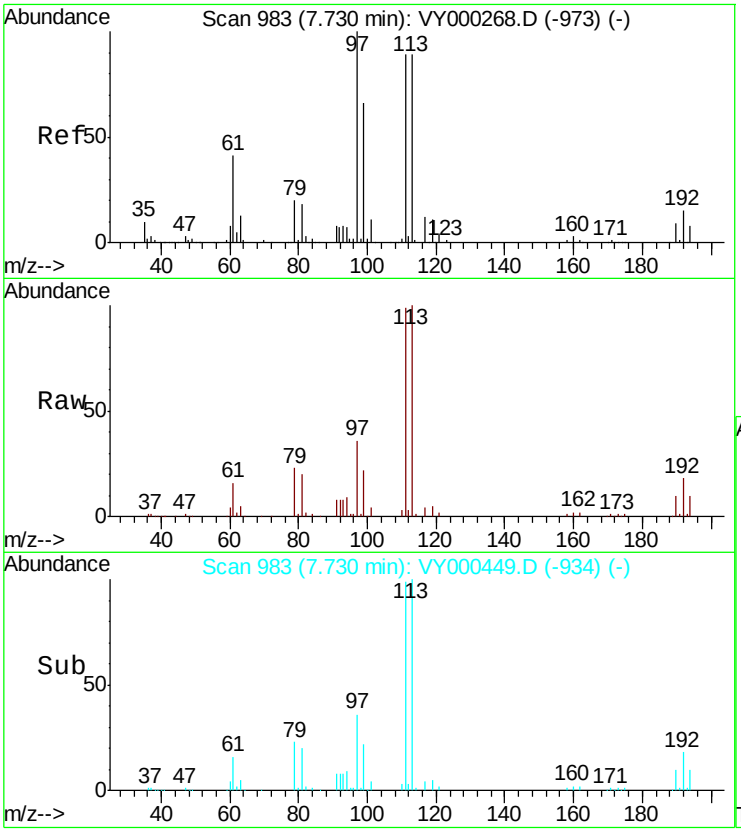


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:114 Resp: 336362

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.2
88	13.8	0.0	30.2



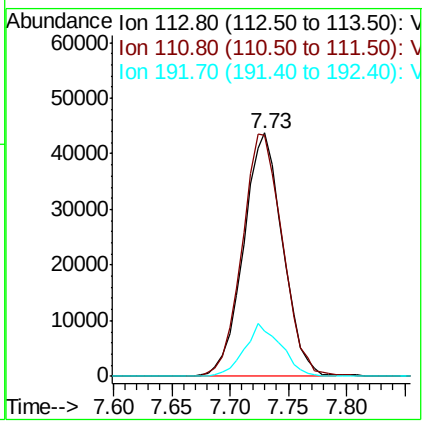


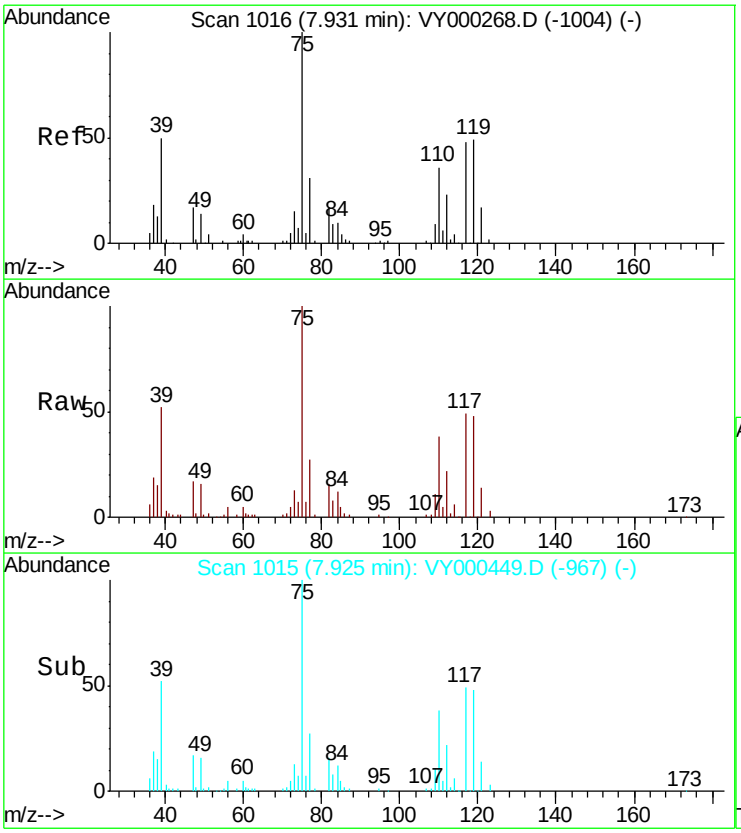
#35
Dibromofluoromethane
Concen: 50.428 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 102317

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	20.2	15.3	22.9

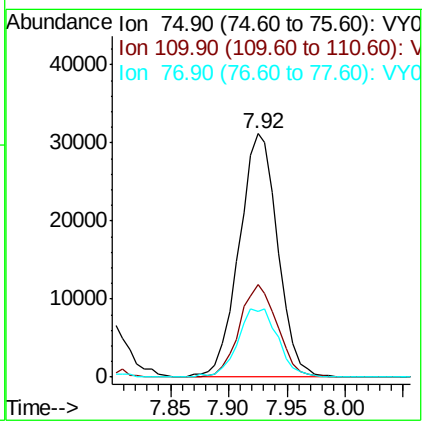


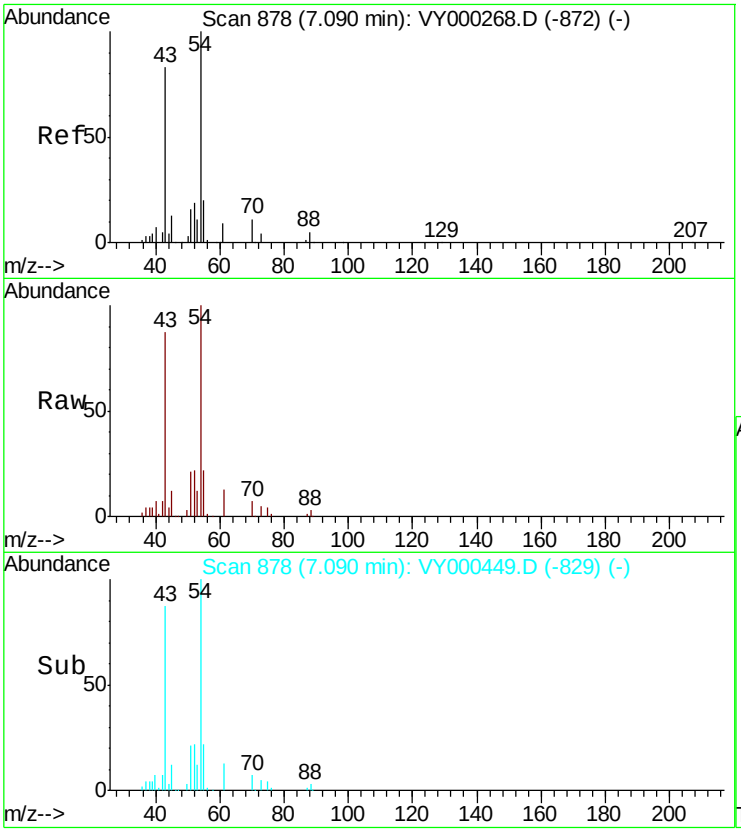


#36
1,1-Dichloropropene
Concen: 21.940 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 75 Resp: 72253

Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.4
77	29.2	25.0	37.6



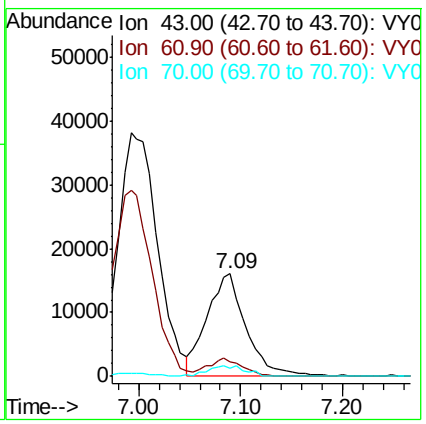


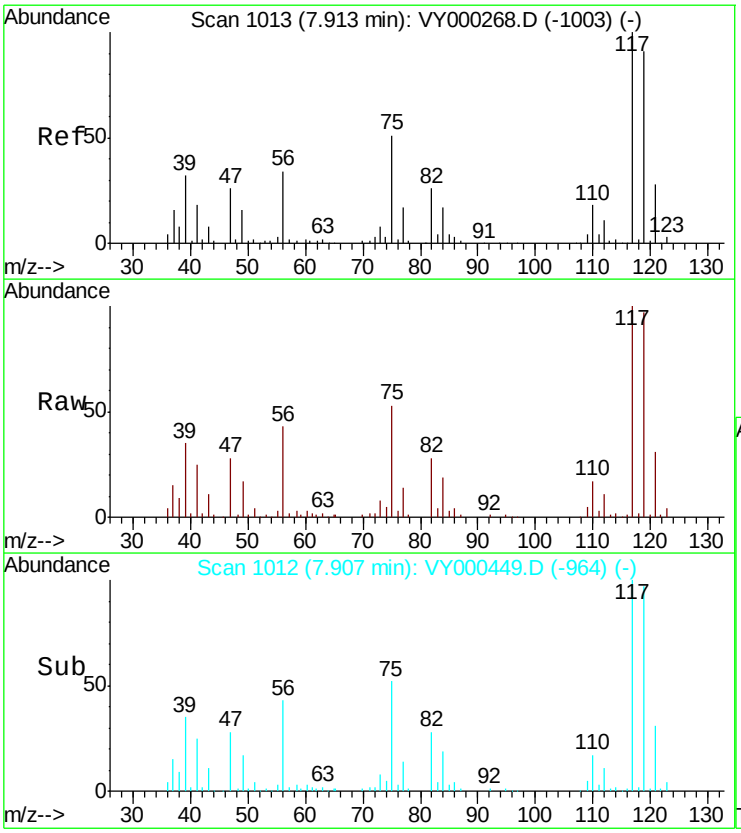
#37
Ethyl Acetate
Concen: 21.895 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 42694

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	10.4	8.7	13.1

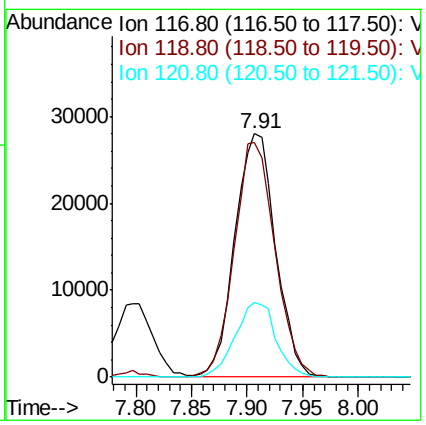


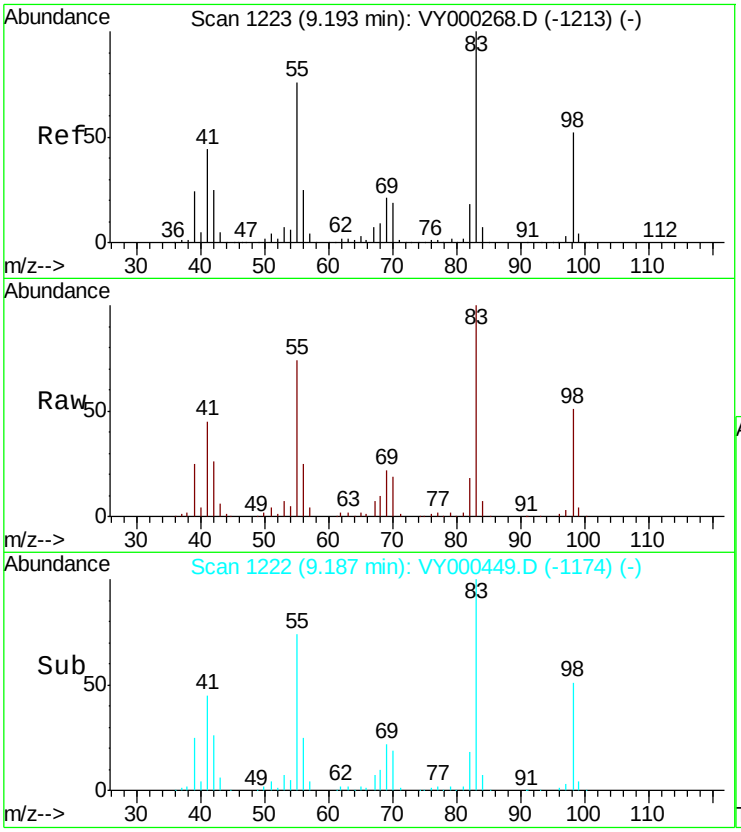


#38
Carbon Tetrachloride
Concen: 22.316 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:117 Resp: 71157

Ion	Ratio	Lower	Upper
117	100		
119	96.5	72.8	109.2
121	30.7	22.2	33.2



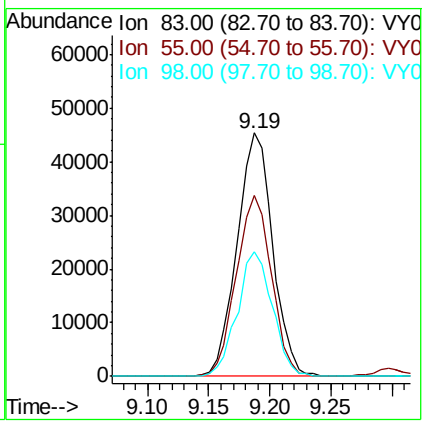


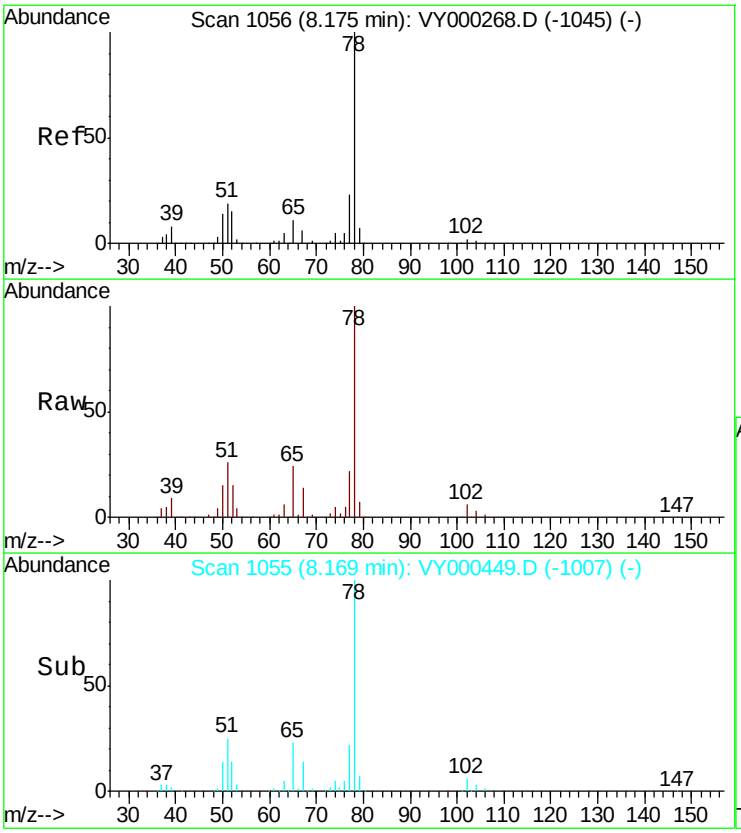
#39
Methylcyclohexane
Concen: 21.306 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 91832

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.9	91.3
98	51.4	41.8	62.6

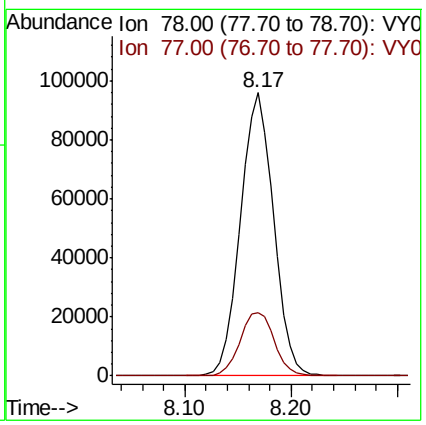


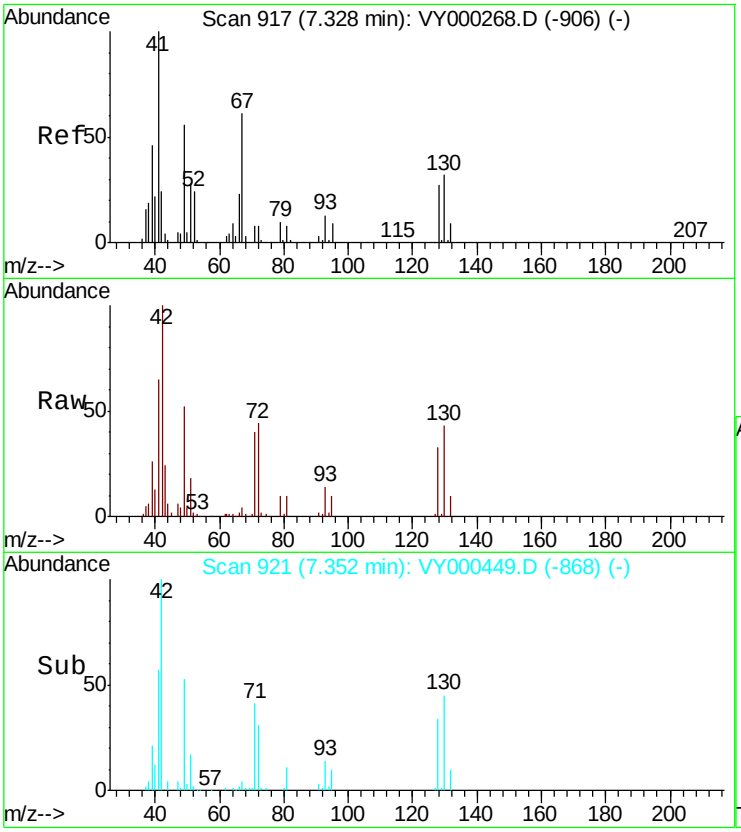


#40
Benzene
Concen: 22.049 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 78 Resp: 209840

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2



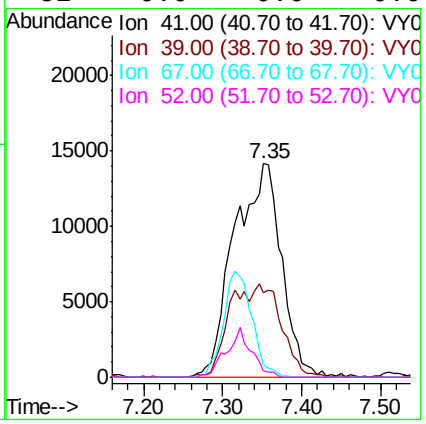


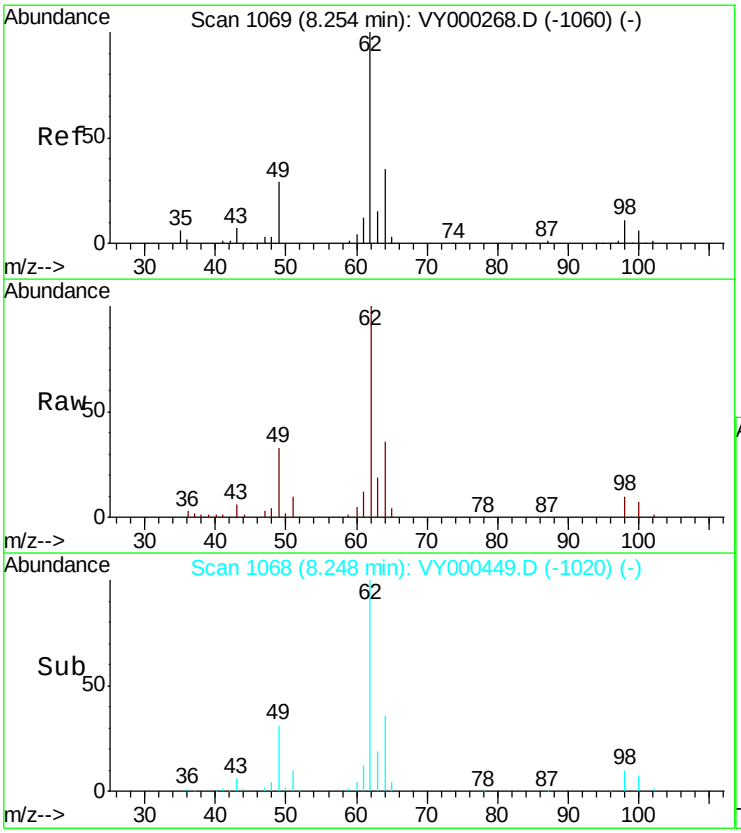
#41
Methacrylonitrile
Concen: 63.481 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 58922

Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

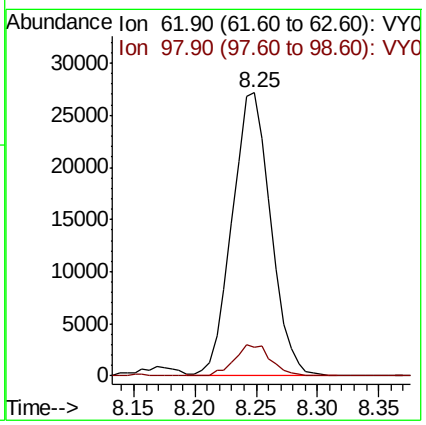


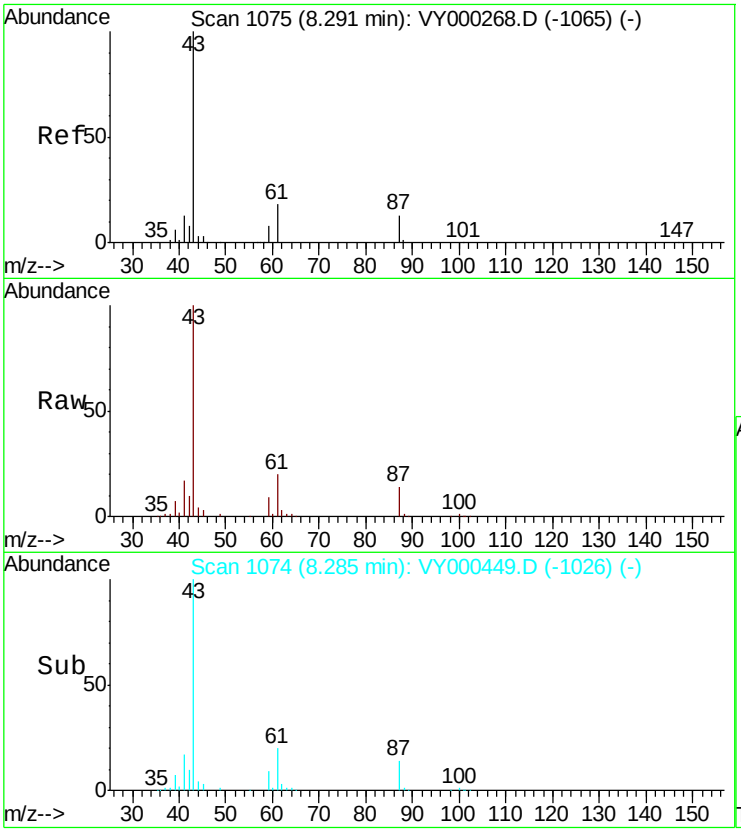


#42
1,2-Dichloroethane
Concen: 21.936 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 62 Resp: 59633

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



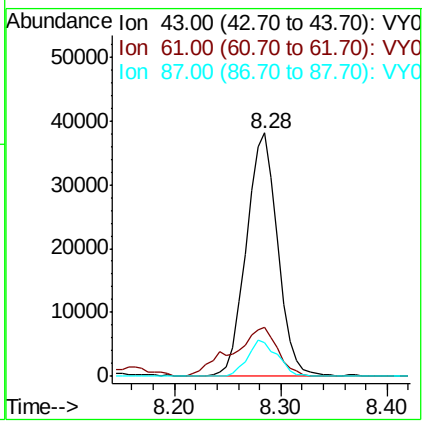


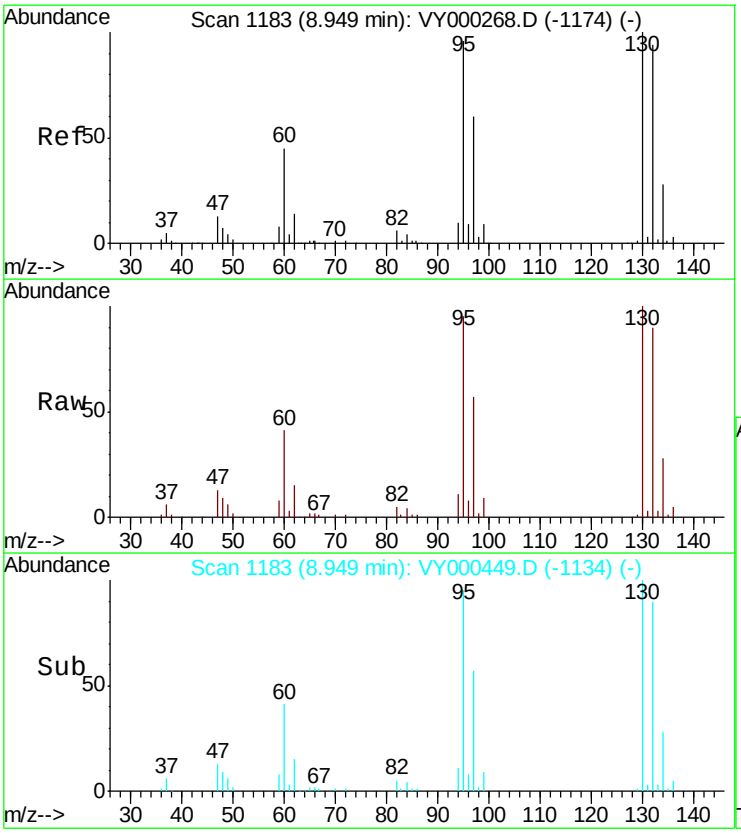
#43
Isopropyl Acetate
Concen: 21.270 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 78864

Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.3	33.5
87	14.1	10.9	16.3

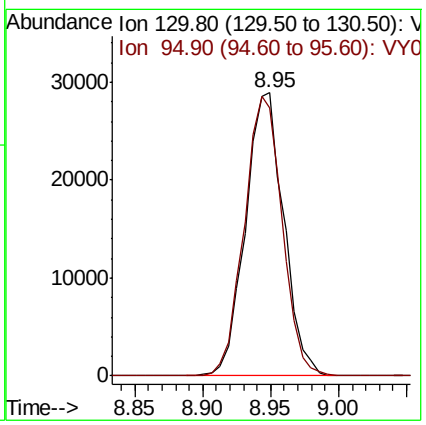


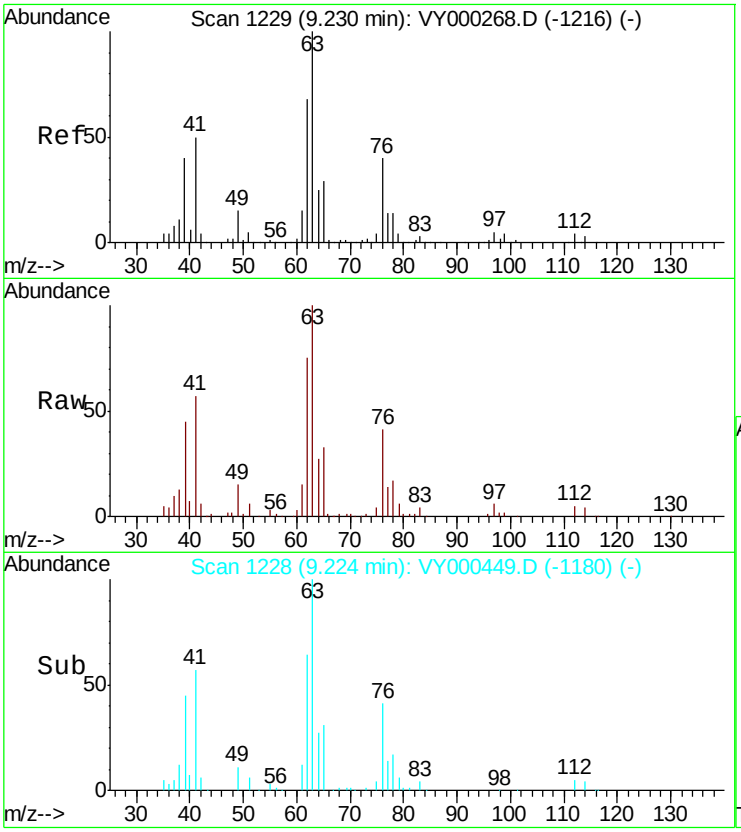


#44
Trichloroethene
Concen: 21.303 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:130 Resp: 56887

Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	191.4



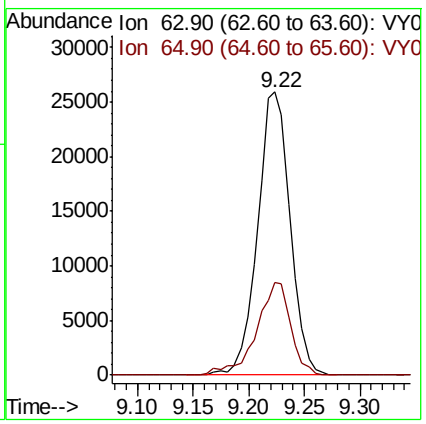


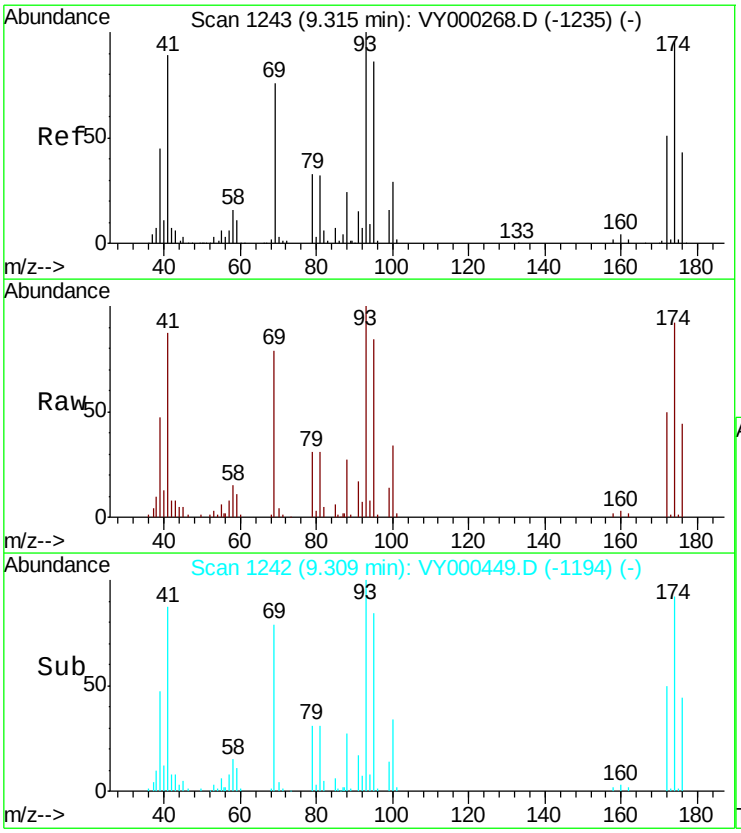
#45
1,2-Dichloropropane
Concen: 22.539 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 52639

Ion	Ratio	Lower	Upper
63	100		
65	33.0	23.2	34.8

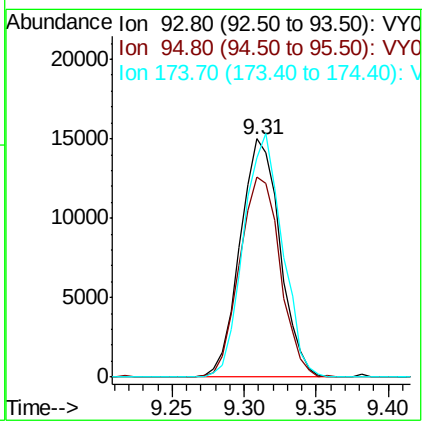


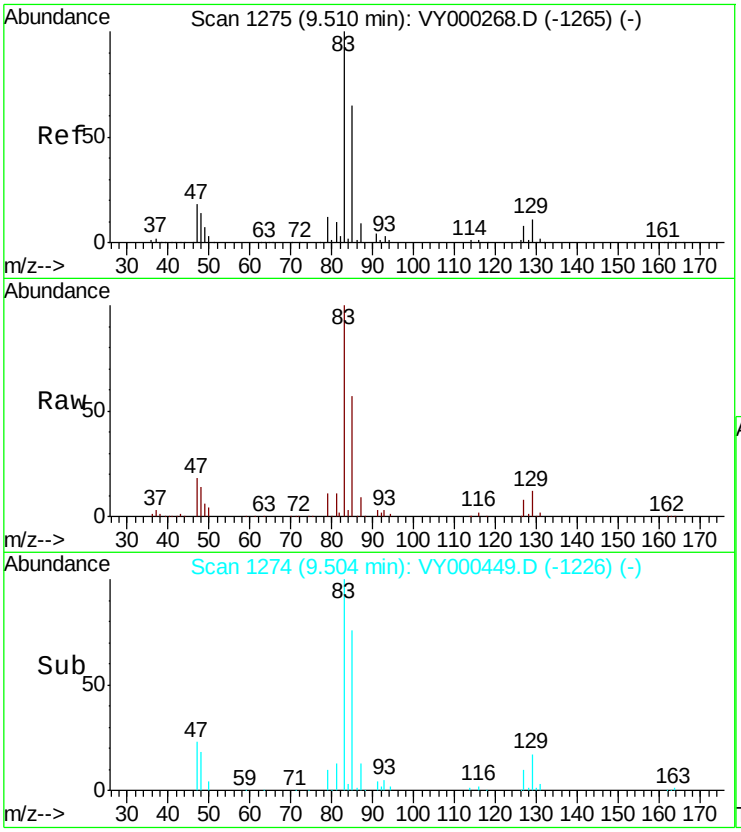


#46
Dibromomethane
Concen: 22.067 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 93 Resp: 28810

Ion	Ratio	Lower	Upper
93	100		
95	85.5	68.2	102.2
174	98.8	79.8	119.6



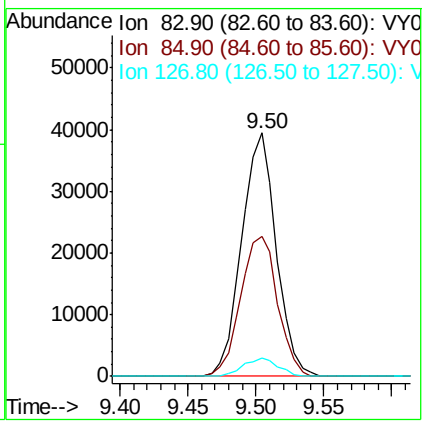


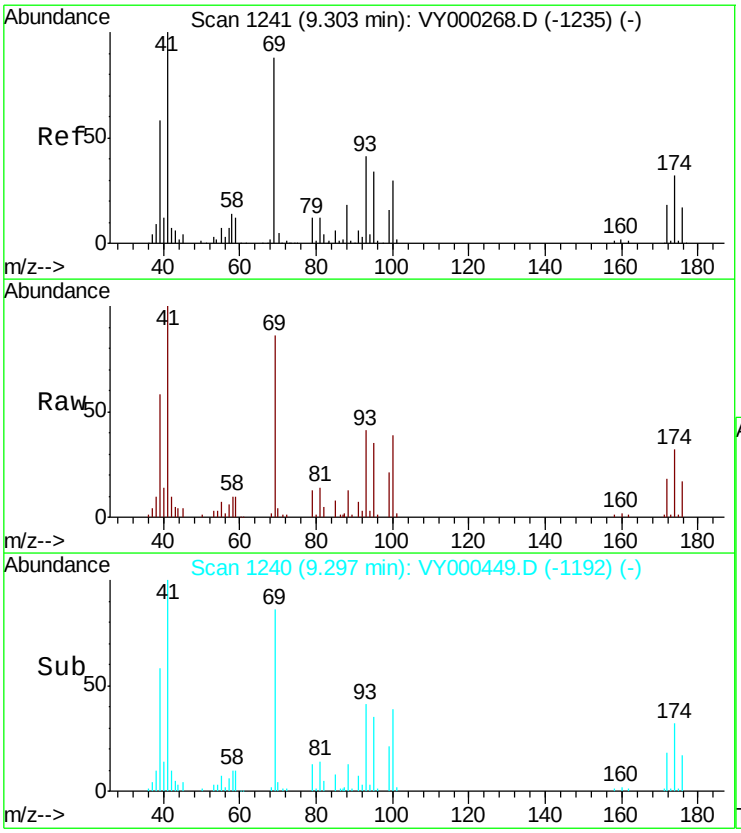
#47
Bromodichloromethane
Concen: 22.809 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 70182

Ion	Ratio	Lower	Upper
83	100		
85	57.3	52.2	78.2
127	7.8	6.3	9.5

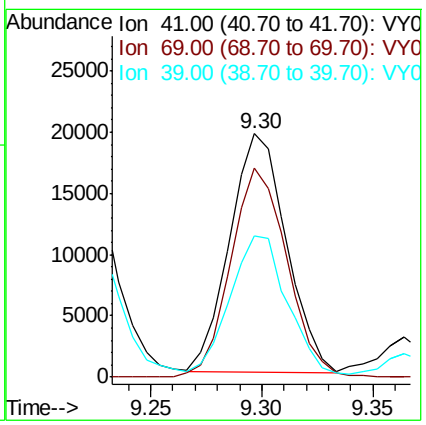


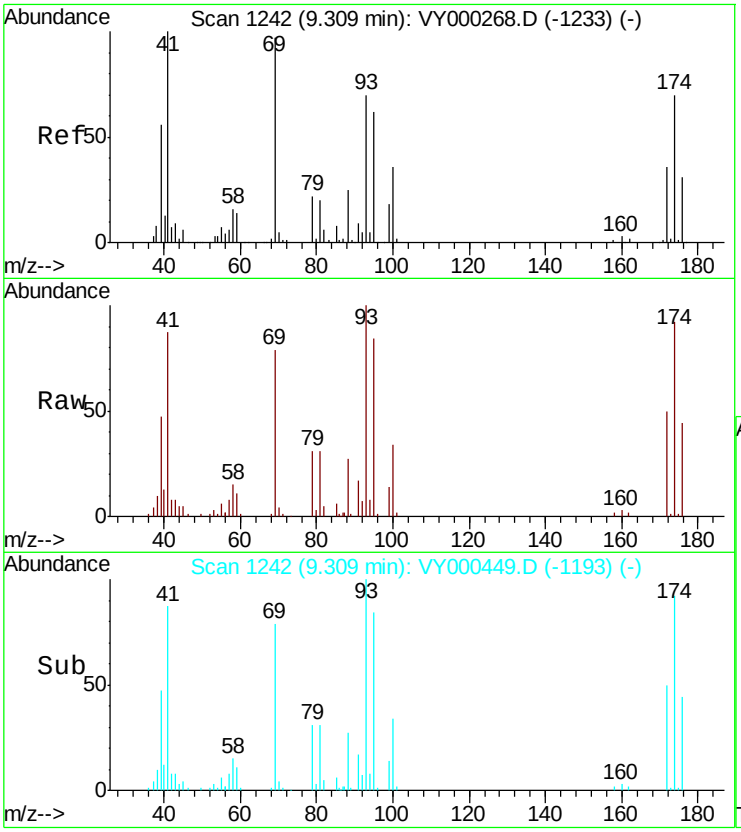


#48
Methyl methacrylate
Concen: 21.268 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 41 Resp: 34559

Ion	Ratio	Lower	Upper
41	100		
69	86.9	70.0	105.0
39	60.7	47.7	71.5



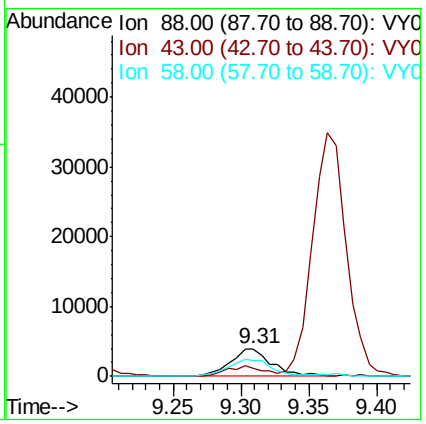


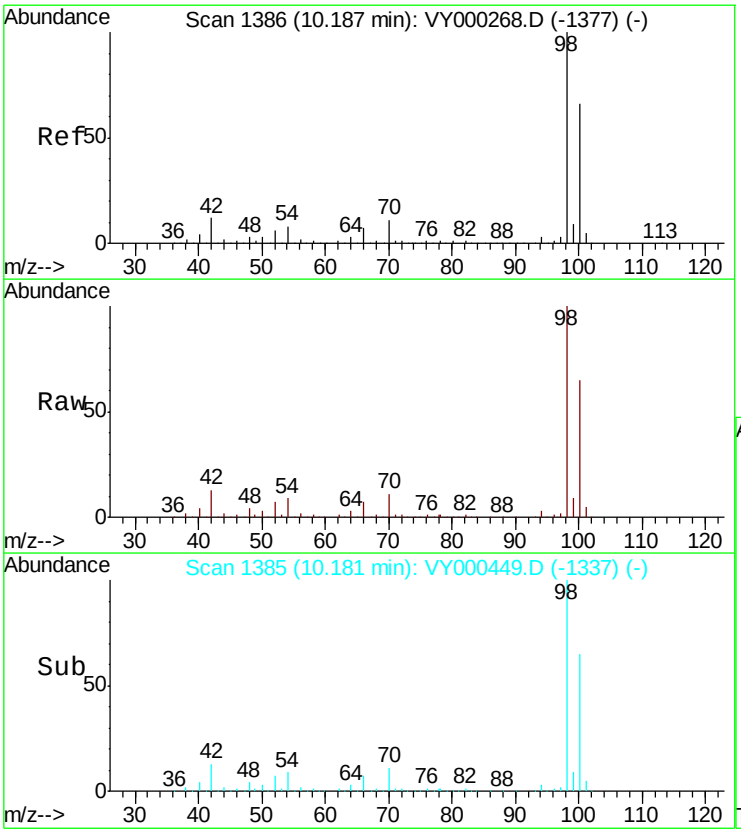
#49
1,4-Dioxane
Concen: 428.134 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 8381

Ion	Ratio	Lower	Upper
88	100		
43	35.7	25.6	38.4
58	66.4	54.6	81.8

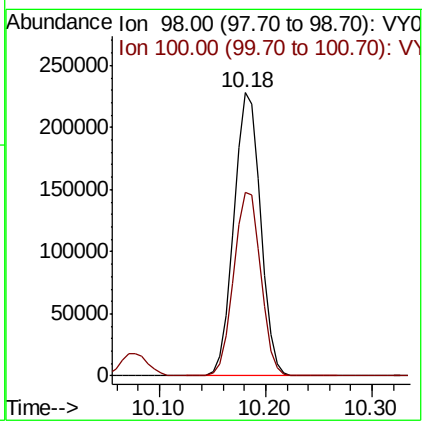


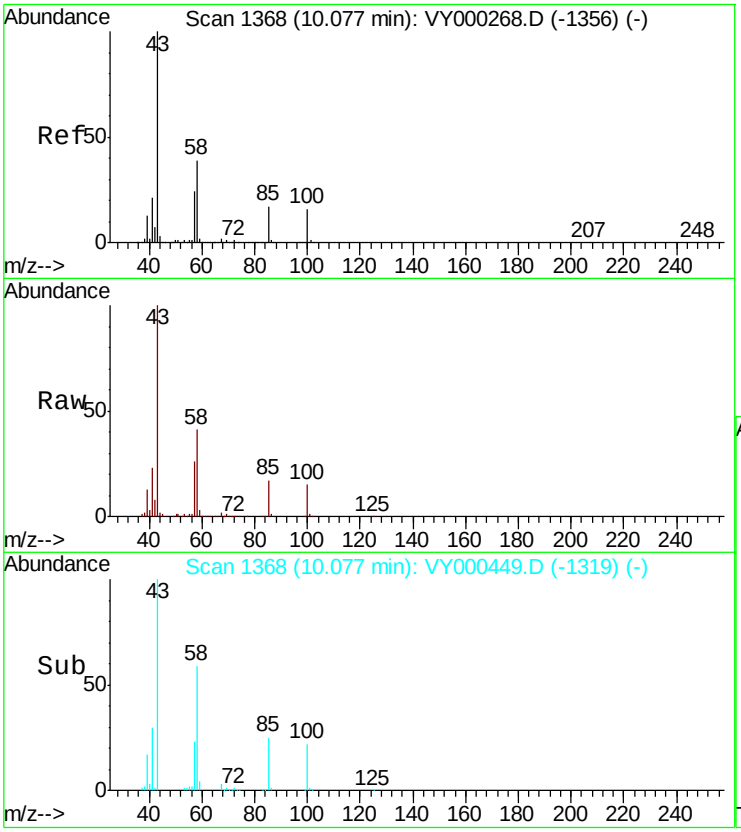


#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 98 Resp: 402711

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2



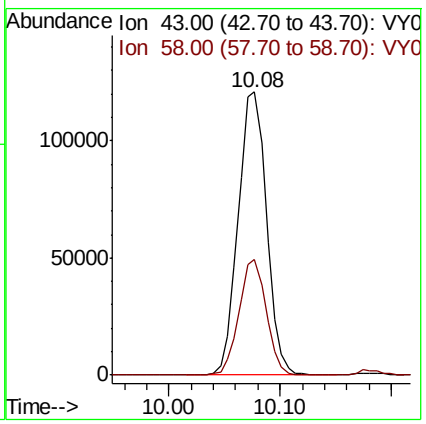


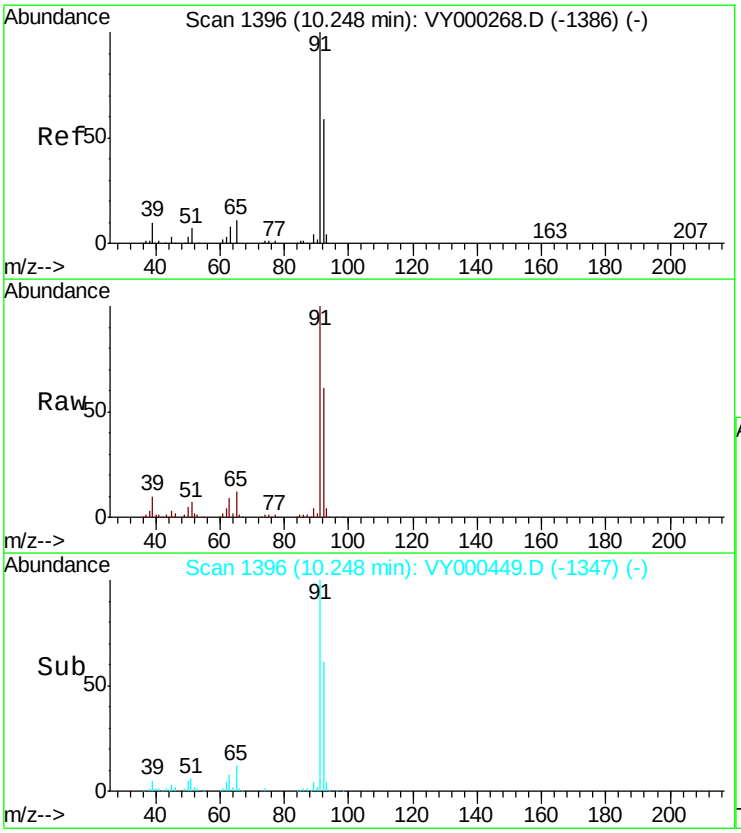
#51
4-Methyl-2-Pentanone
Concen: 112.218 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 214599

Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.0	46.6

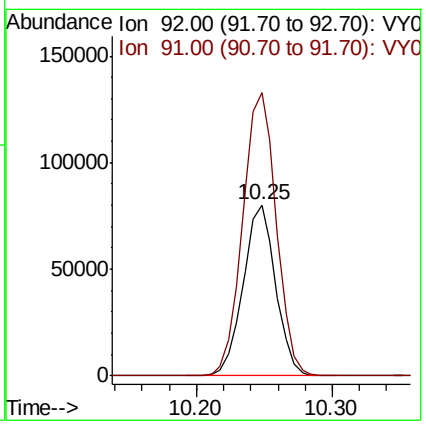


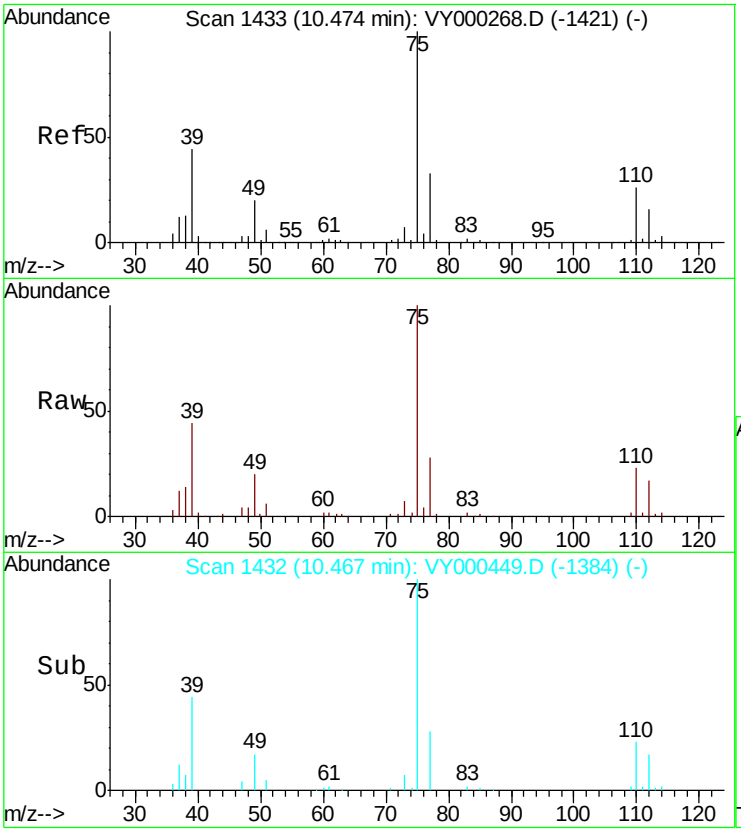


#52
Toluene
Concen: 22.145 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 92 Resp: 133809

Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.6	205.0



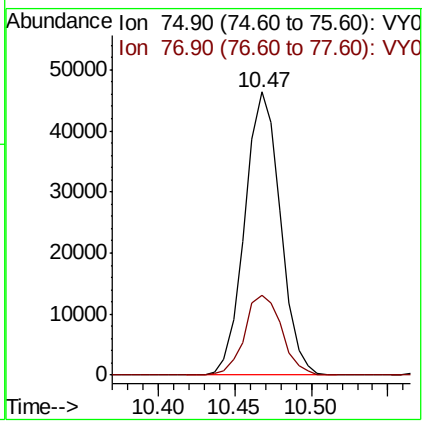


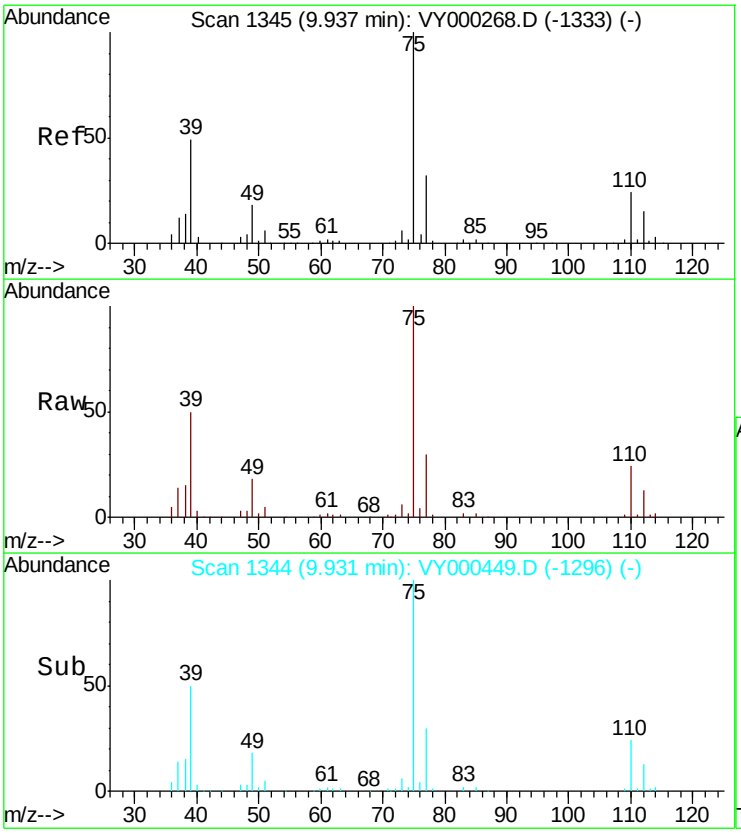
#53
t-1,3-Dichloropropene
Concen: 22.804 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75197

Ion	Ratio	Lower	Upper
75	100		
77	28.3	26.0	39.0

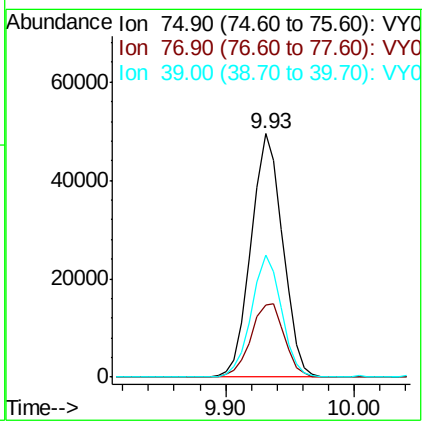


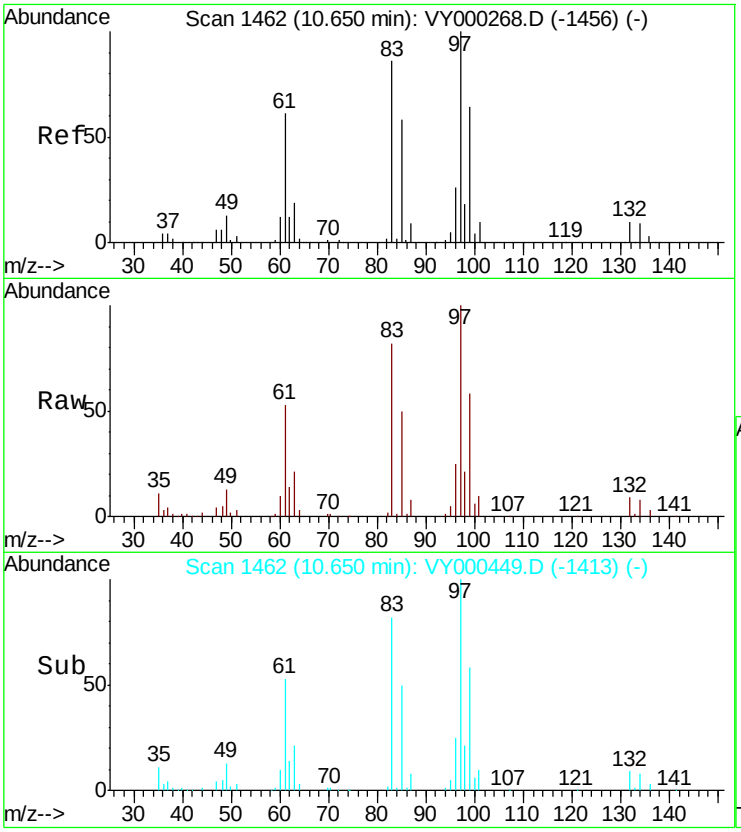


#54
cis-1,3-Dichloropropene
Concen: 22.362 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 75 Resp: 83741

Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.0	39.0
39	50.1	38.8	58.2



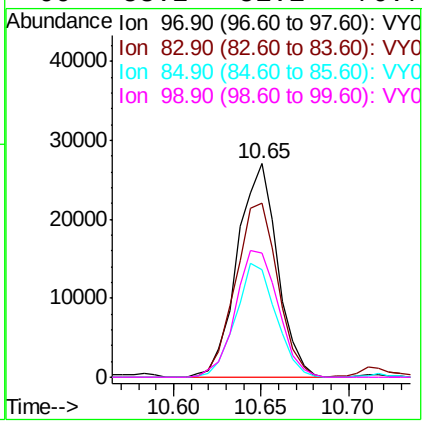


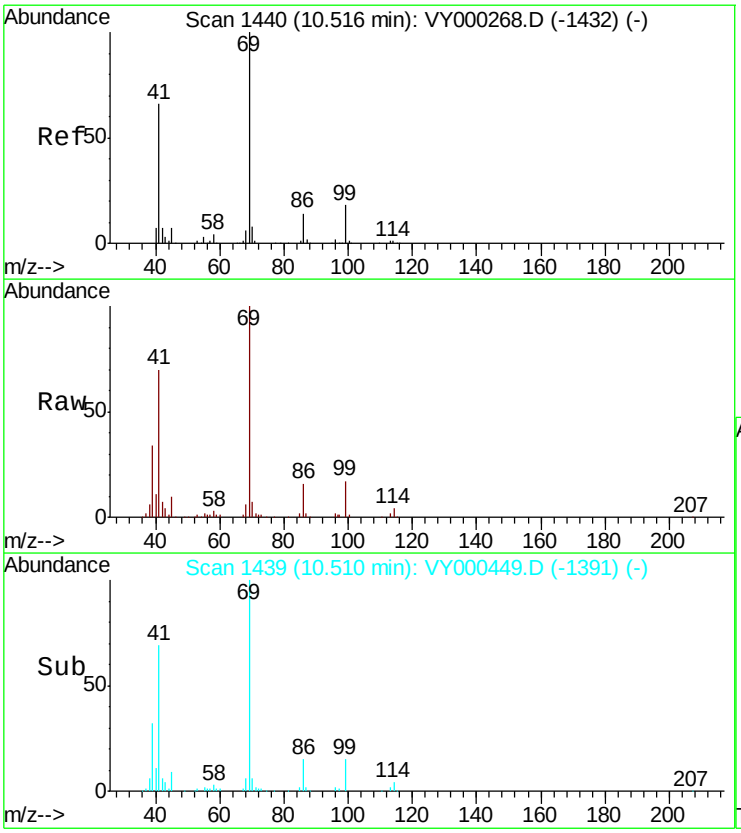
#55
1,1,2-Trichloroethane
Concen: 22.864 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 43402

Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.0	103.6
85	50.3	46.2	69.4
99	58.2	51.1	76.7

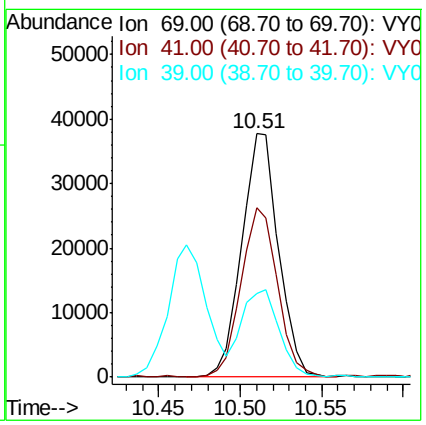


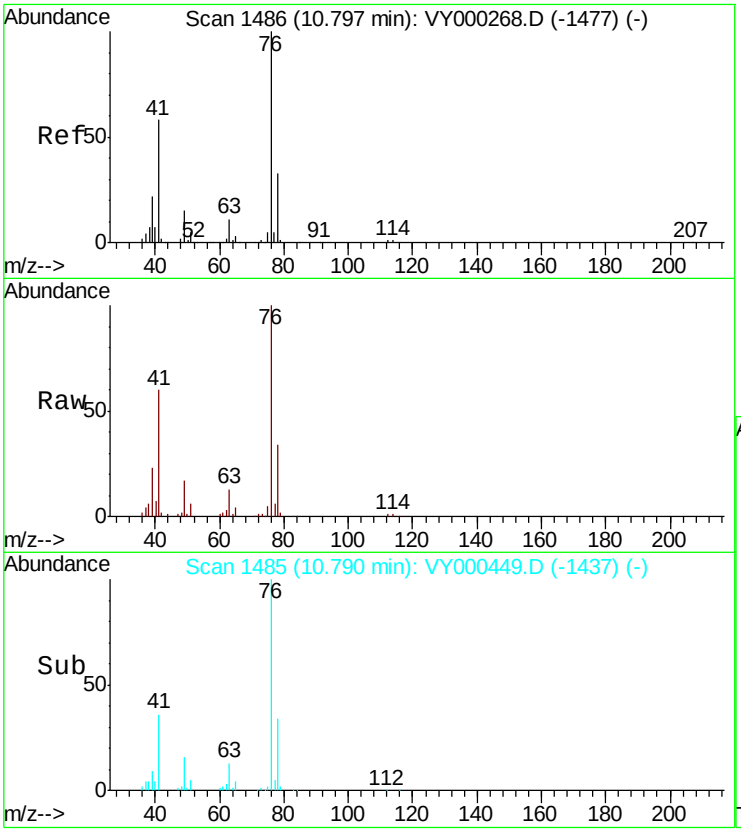


#56
Ethyl methacrylate
Concen: 21.879 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 69 Resp: 59199

Ion	Ratio	Lower	Upper
69	100		
41	69.1	52.5	78.7
39	36.9	26.7	40.1



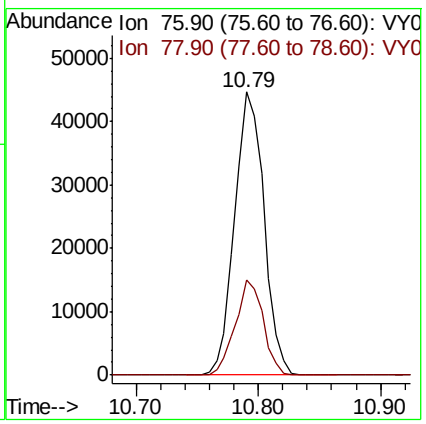


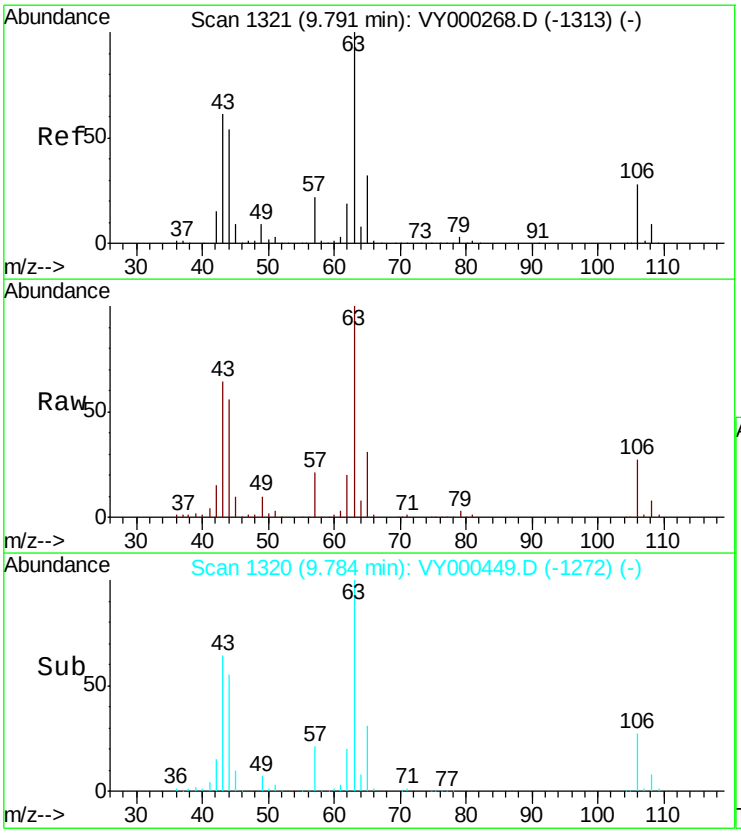
#57
1,3-Dichloropropane
Concen: 22.842 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 74465

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.2

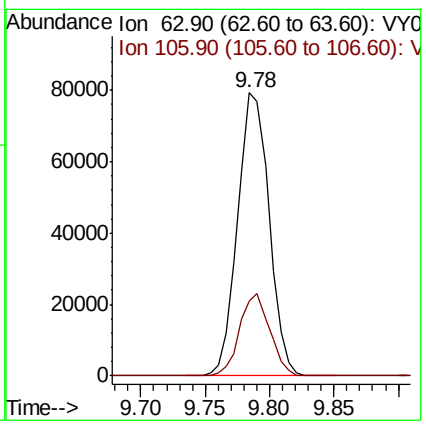


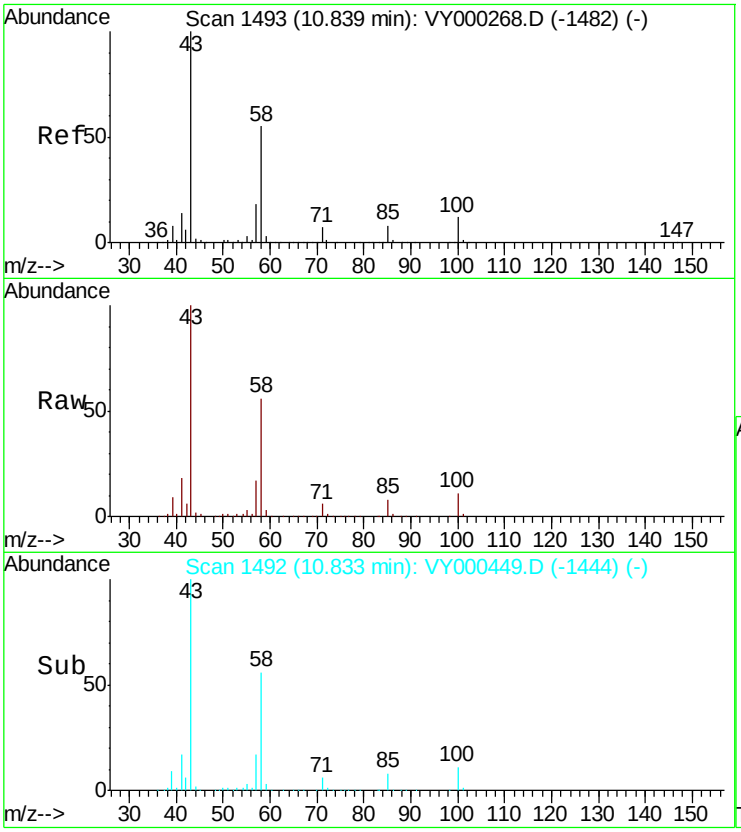


#58
2-Chloroethyl Vinyl ether
Concen: 124.494 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 63 Resp: 134358

Ion	Ratio	Lower	Upper
63	100		
106	27.8	23.0	34.4



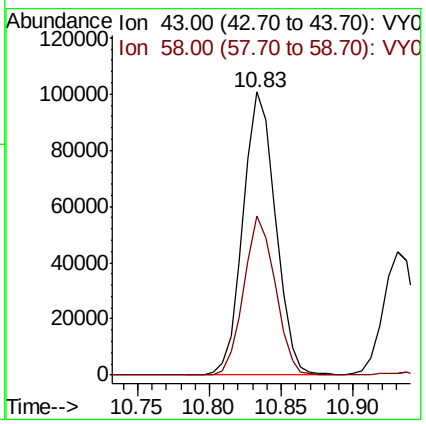


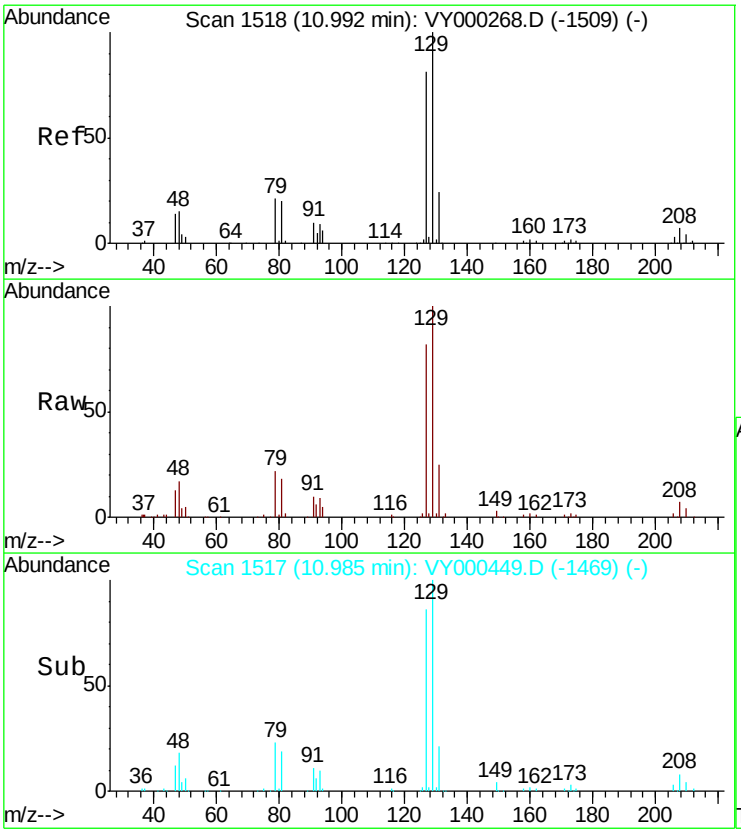
#59
2-Hexanone
Concen: 117.000 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 157048

Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.7	83.1

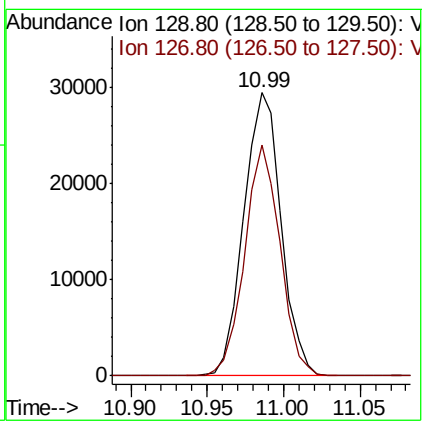


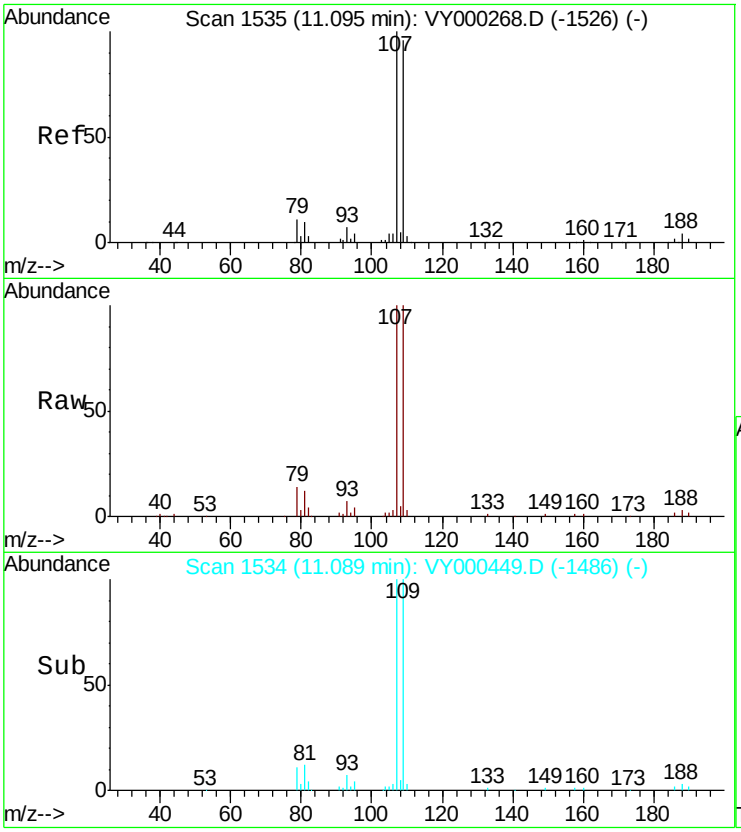


#60
Dibromochloromethane
Concen: 23.689 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:129 Resp: 49843

Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.9	119.7



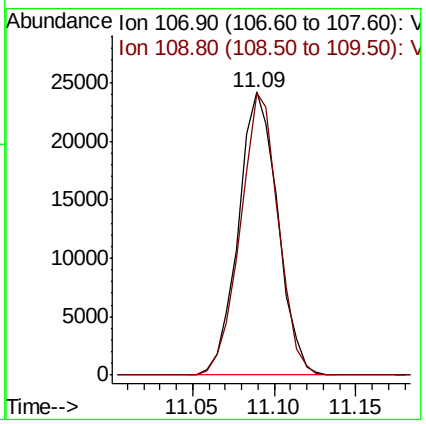


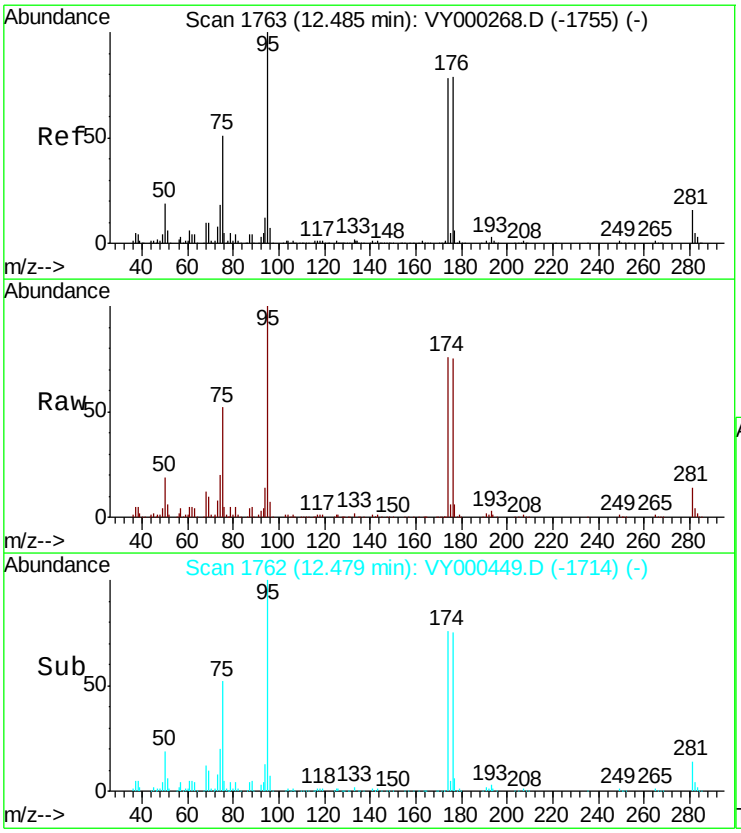
#61
1,2-Dibromoethane
Concen: 22.279 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 40607

Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.1	112.7

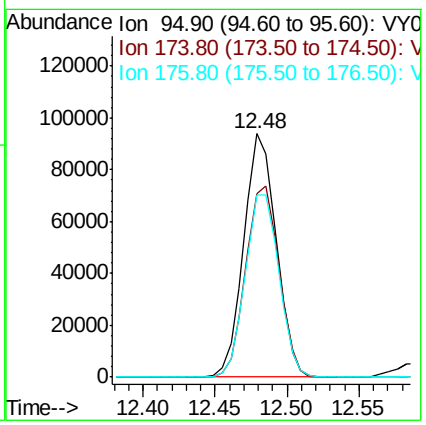


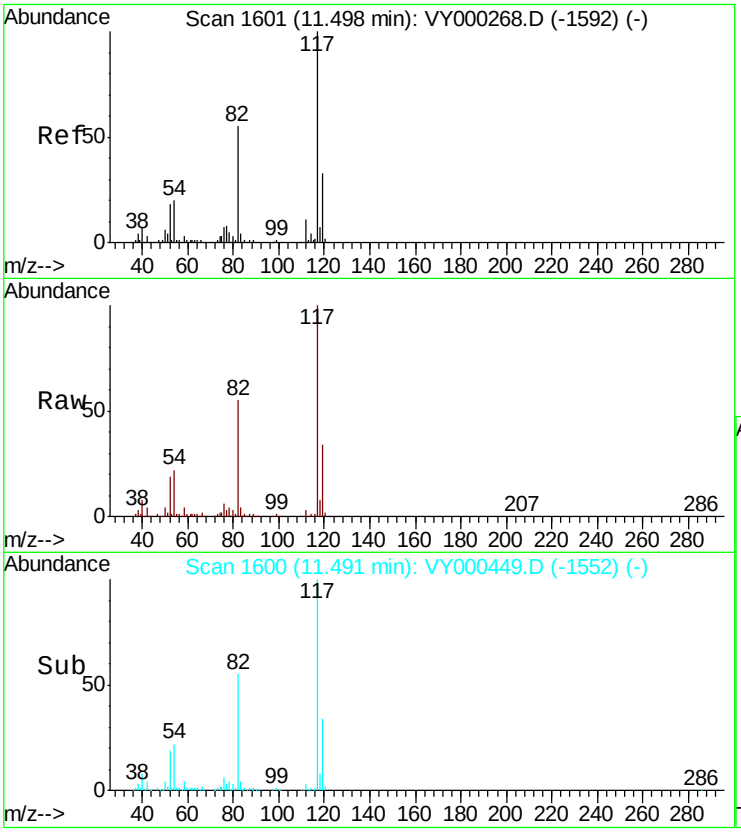


#62
4-Bromofluorobenzene
Concen: 49.211 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 95 Resp: 145920

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	159.6
176	78.0	0.0	153.8



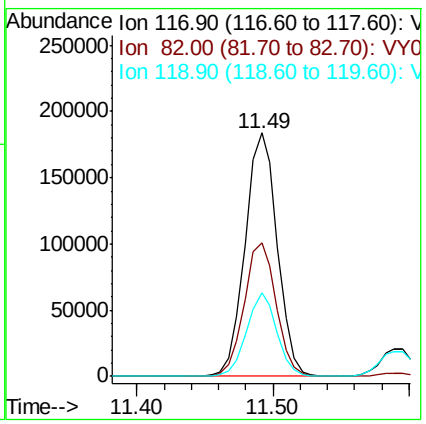


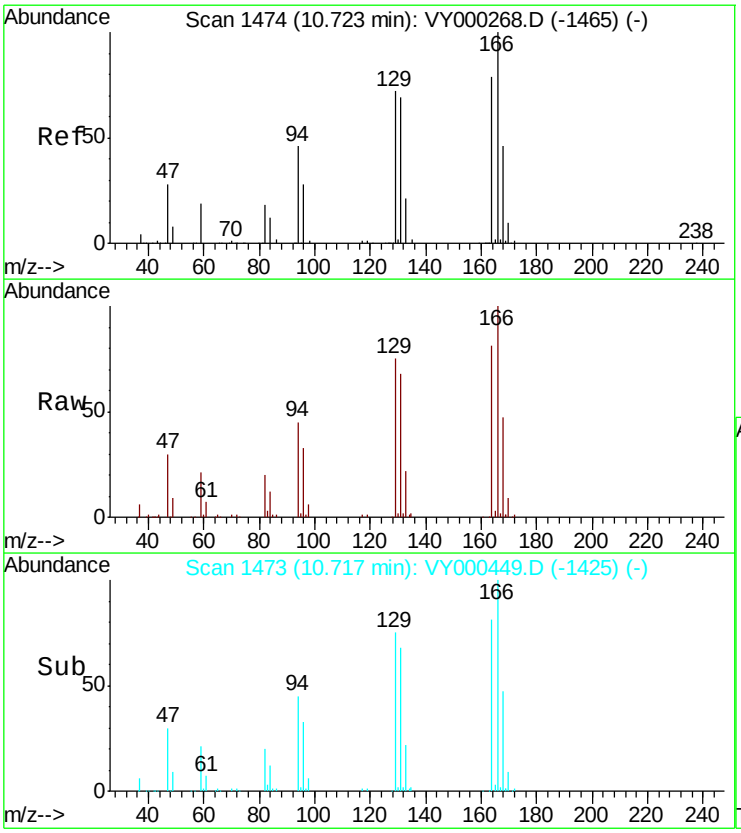
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 304295

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.7	65.5
119	34.2	26.6	39.8

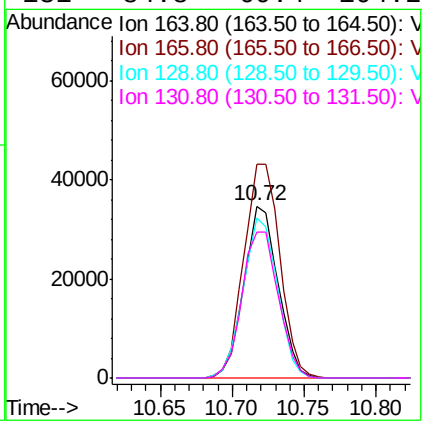


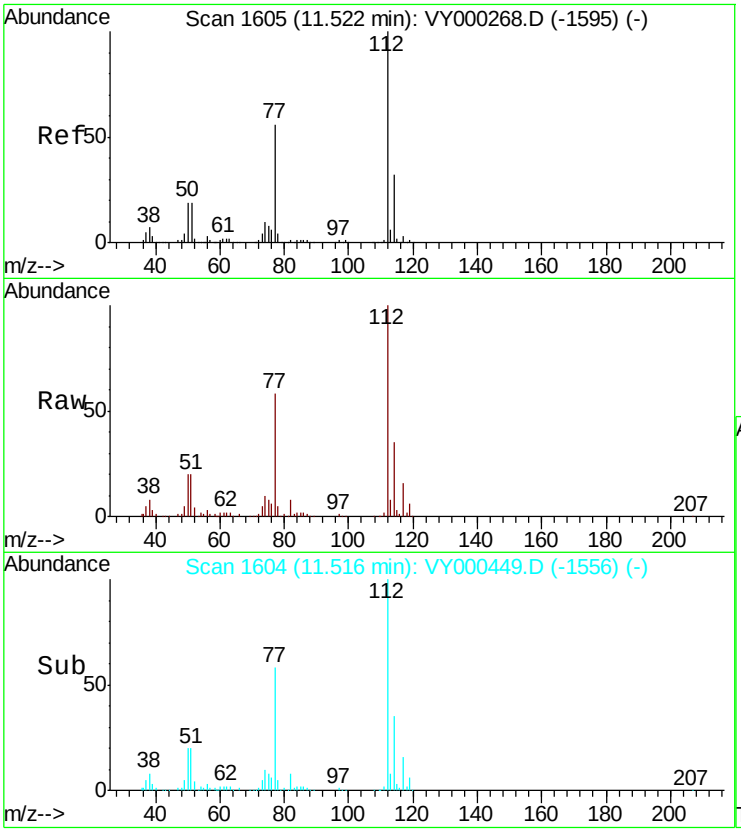


#64
Tetrachloroethene
Concen: 19.624 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:164 Resp: 56850

Ion	Ratio	Lower	Upper
164	100		
166	123.9	100.6	151.0
129	93.3	72.8	109.2
131	84.8	69.4	104.2



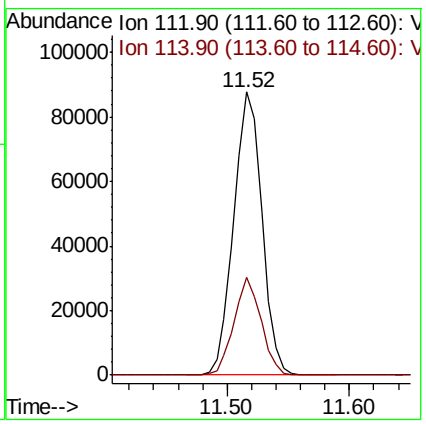


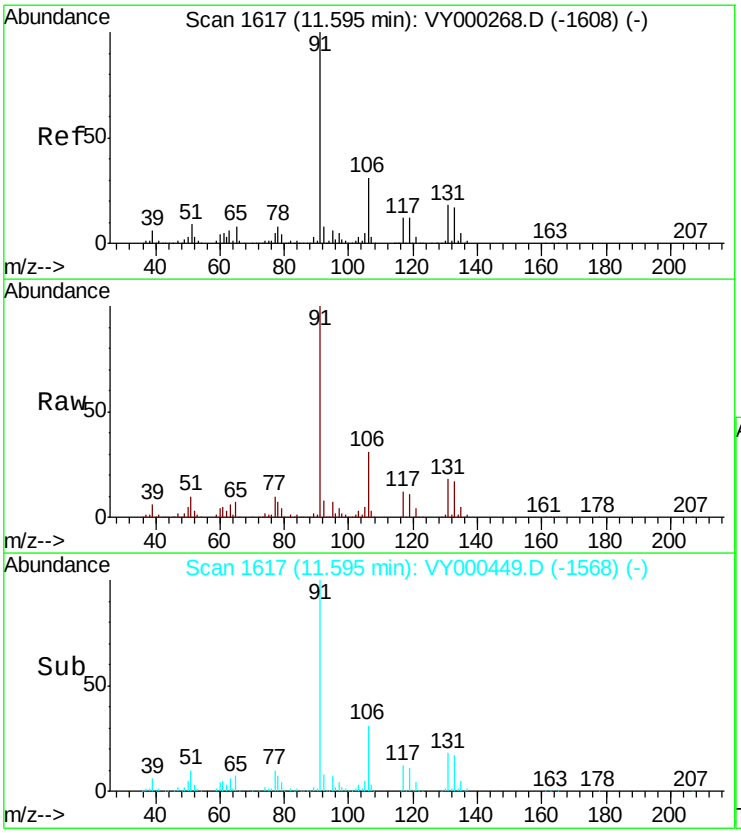
#65
Chlorobenzene
Concen: 21.810 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 140065

Ion	Ratio	Lower	Upper
112	100		
114	34.7	25.7	38.5

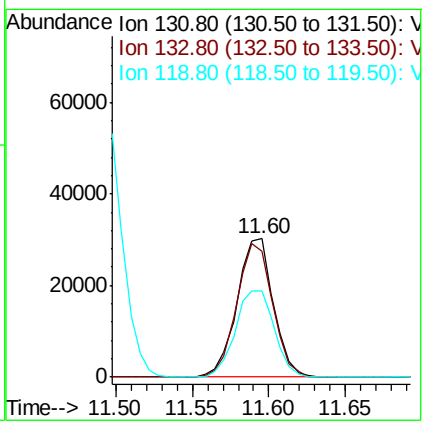


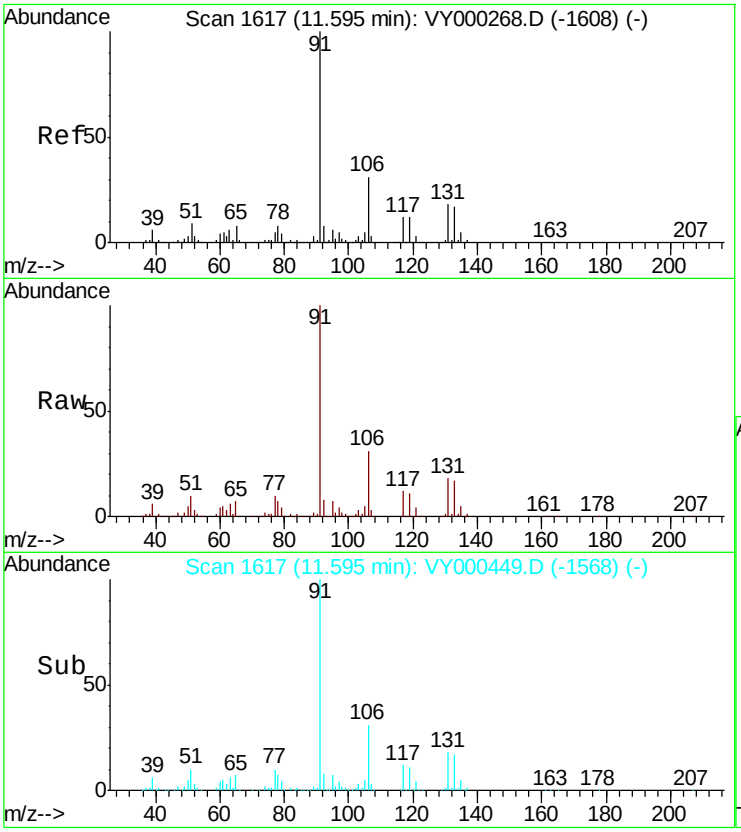


#66
1,1,1,2-Tetrachloroethane
Concen: 22.060 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:131 Resp: 49766

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.2	141.6
119	66.8	32.6	98.0



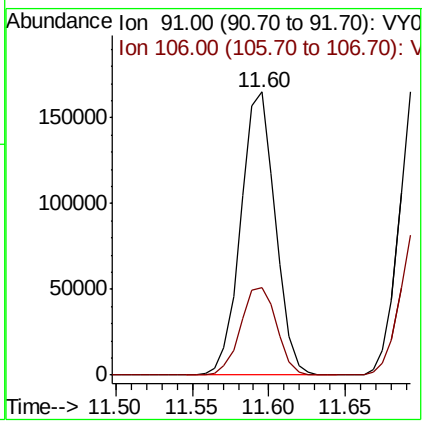


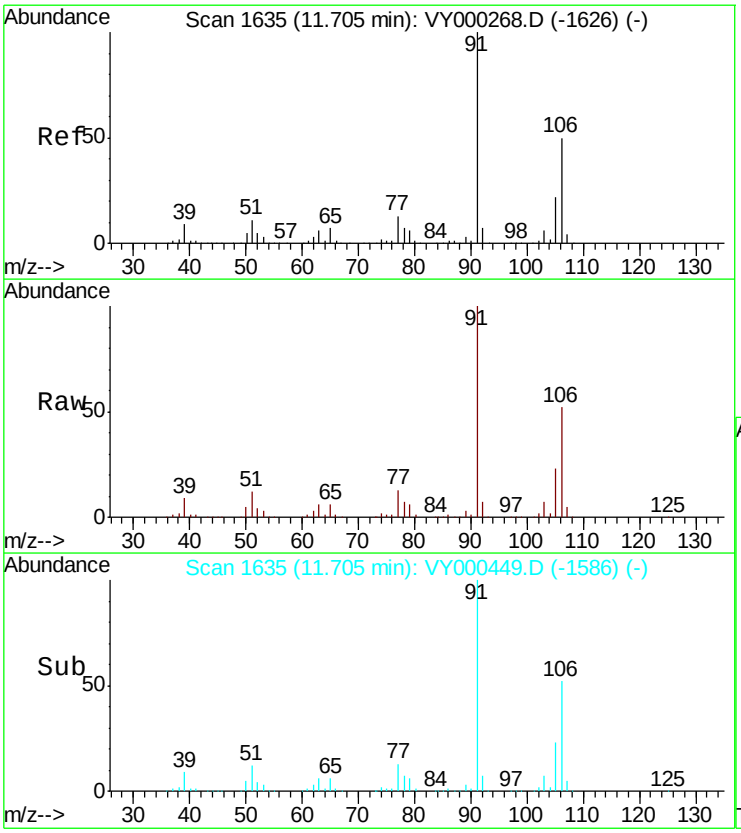
#67
Ethyl Benzene
Concen: 21.701 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 258348

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.6

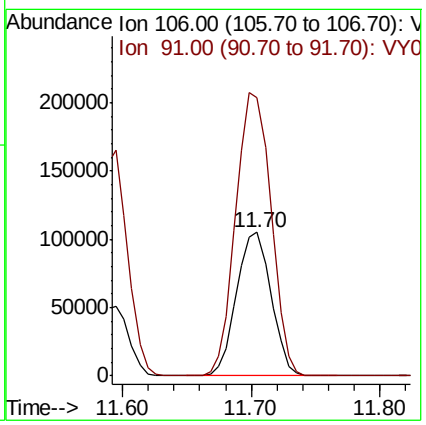


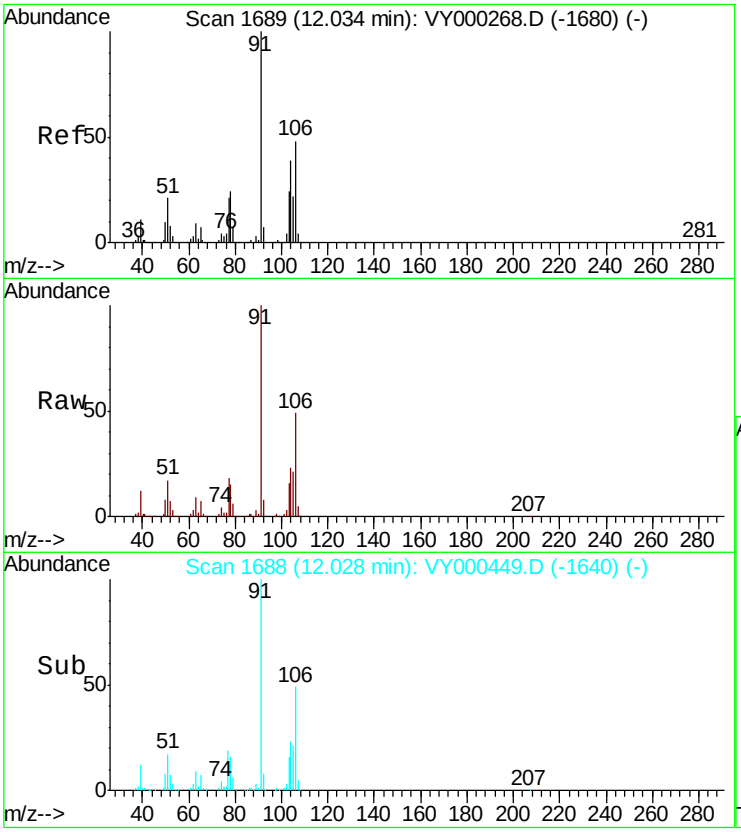


#68
m/p-Xylenes
Concen: 43.077 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:106 Resp: 196045

Ion	Ratio	Lower	Upper
106	100		
91	201.7	157.5	236.3



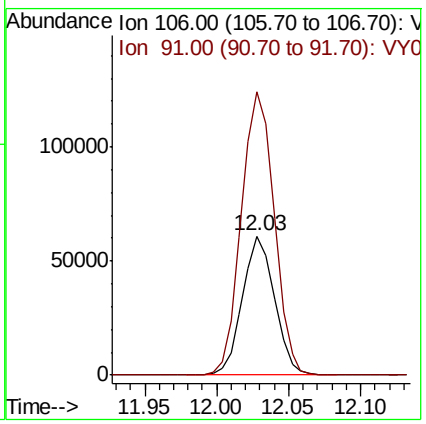


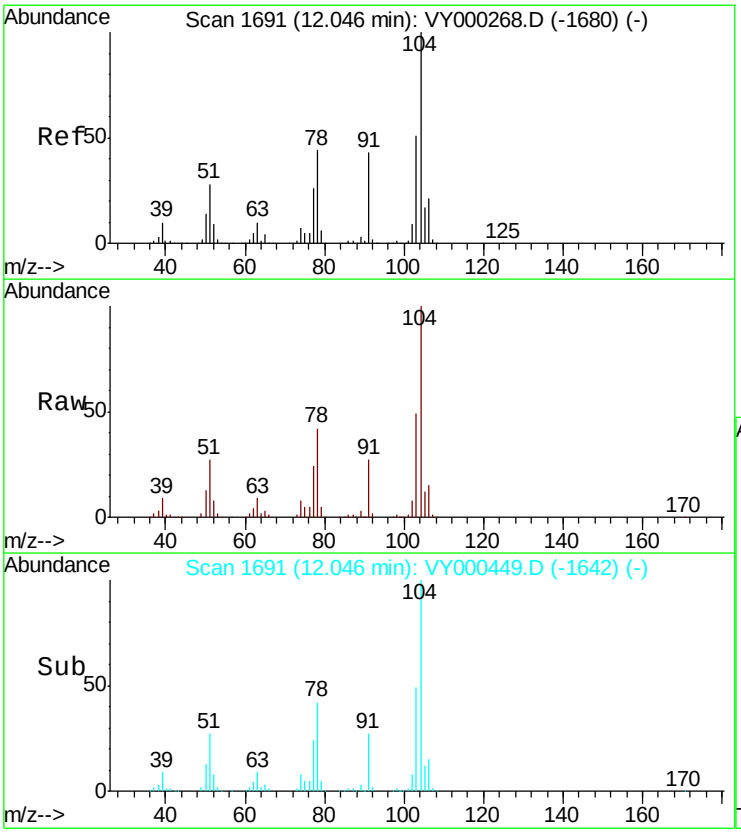
#69
o-Xylene
Concen: 21.581 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 93694

Ion	Ratio	Lower	Upper
106	100		
91	209.4	104.7	313.9

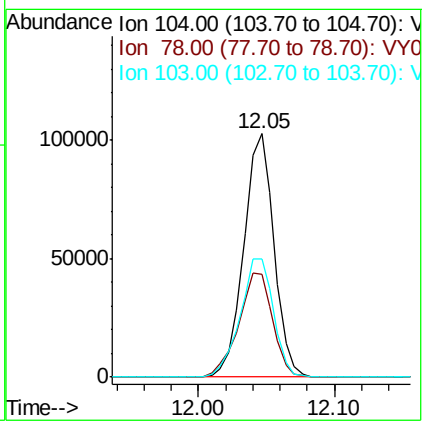


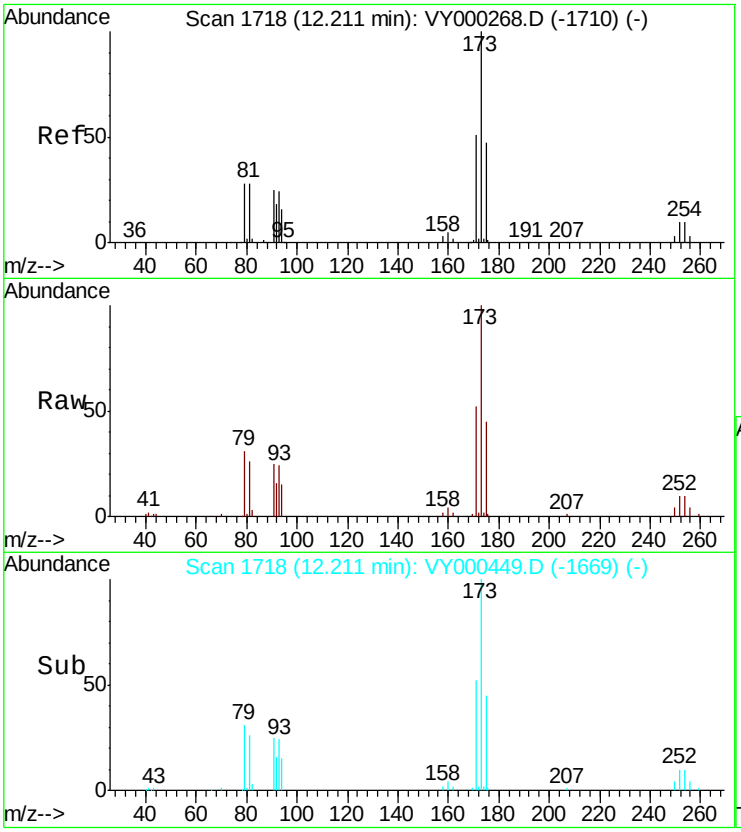


#70
Styrene
Concen: 21.904 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:104 Resp: 160381

Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.0	58.6
103	53.7	43.1	64.7



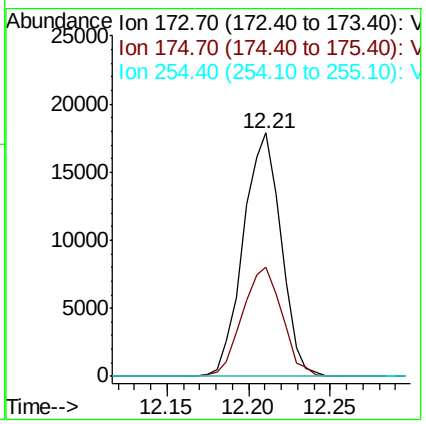


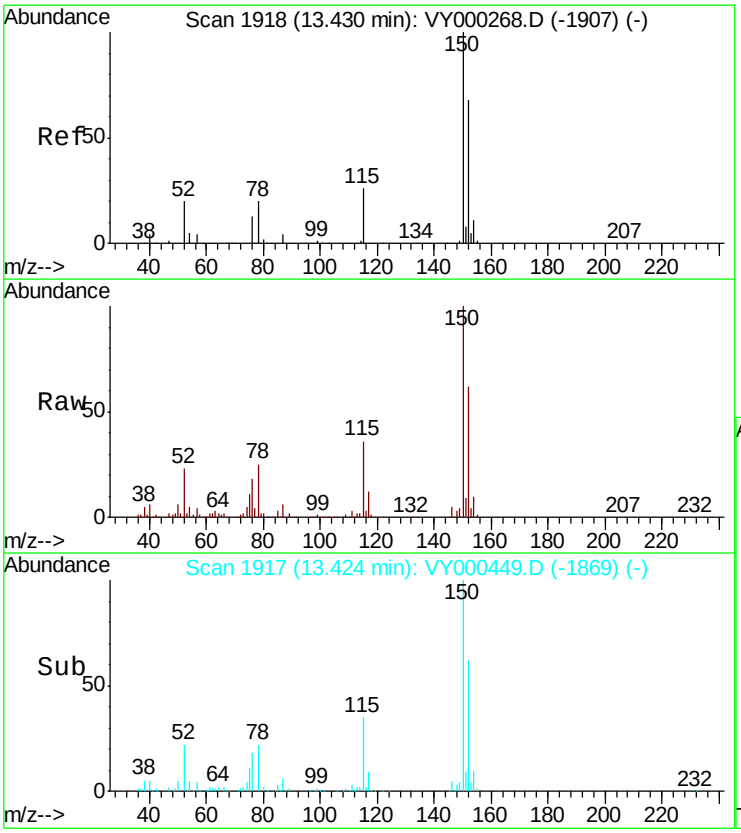
#71
Bromoform
Concen: 22.256 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 28863

Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.6	73.6
254	0.0	0.1	0.1#

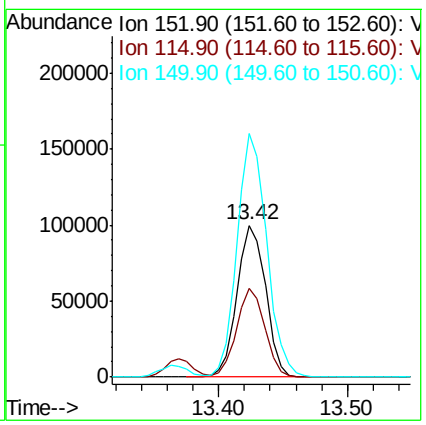


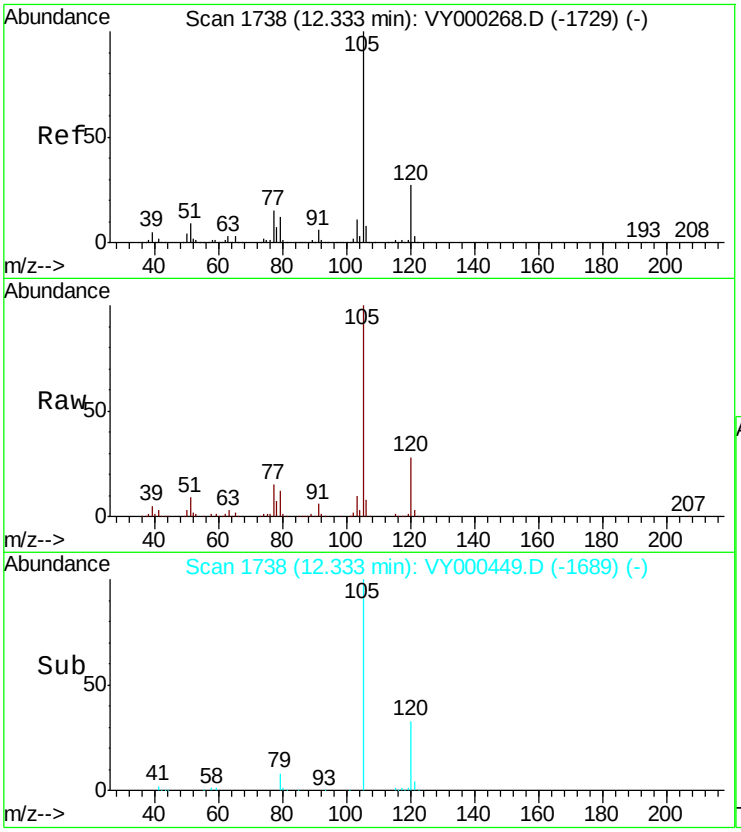


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:152 Resp: 153046

Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	88.0
150	166.8	0.0	348.4



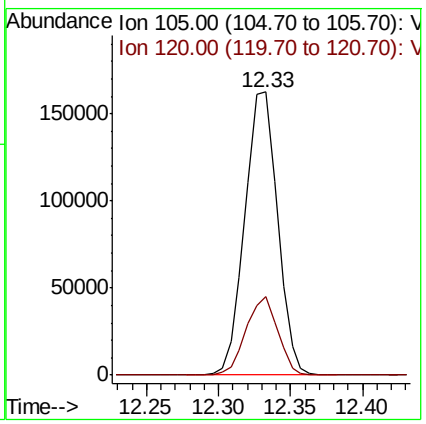


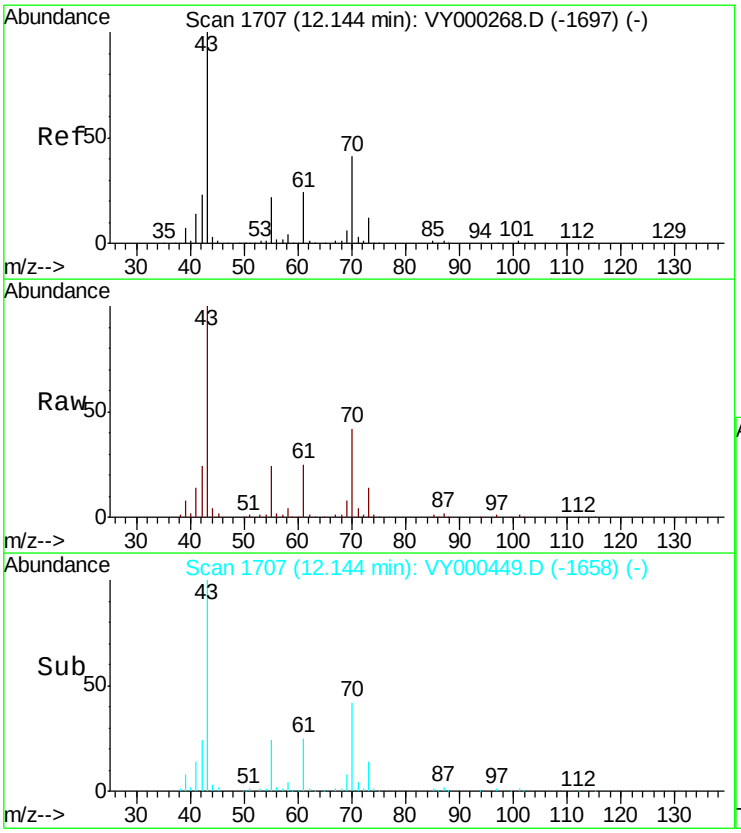
#73
Isopropylbenzene
Concen: 21.421 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 255630

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

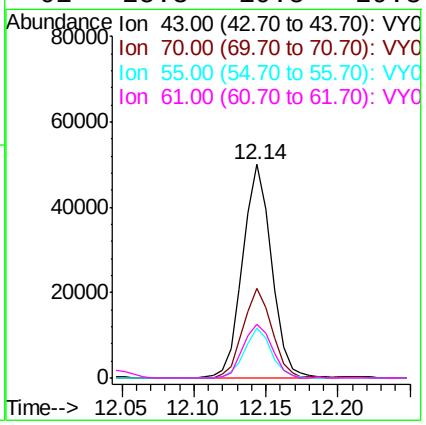


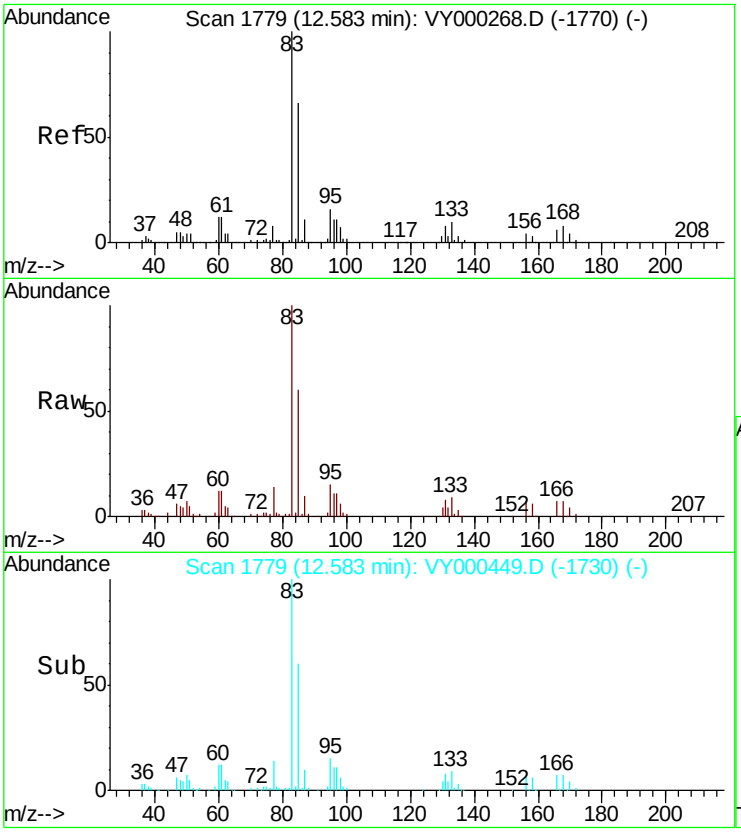


#74
N-amyl acetate
Concen: 23.872 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 43 Resp: 69936

Ion	Ratio	Lower	Upper
43	100		
70	42.1	32.9	49.3
55	22.1	17.8	26.6
61	25.3	19.5	29.3



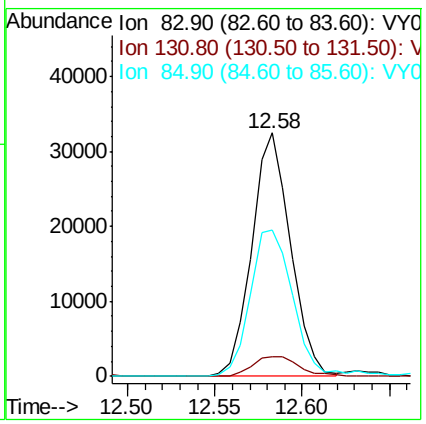


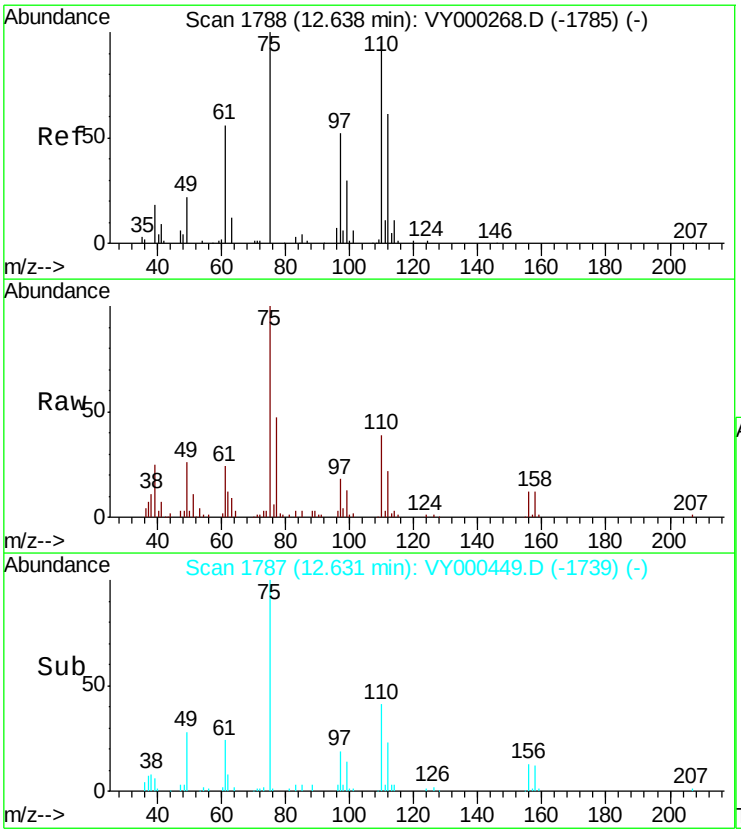
#75
1,1,2,2-Tetrachloroethane
Concen: 22.438 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 50275

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.3	16.1
85	67.3	32.9	98.7

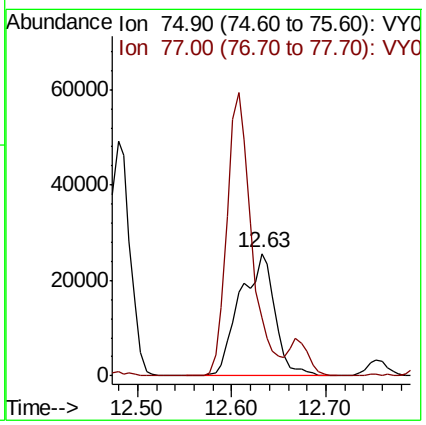


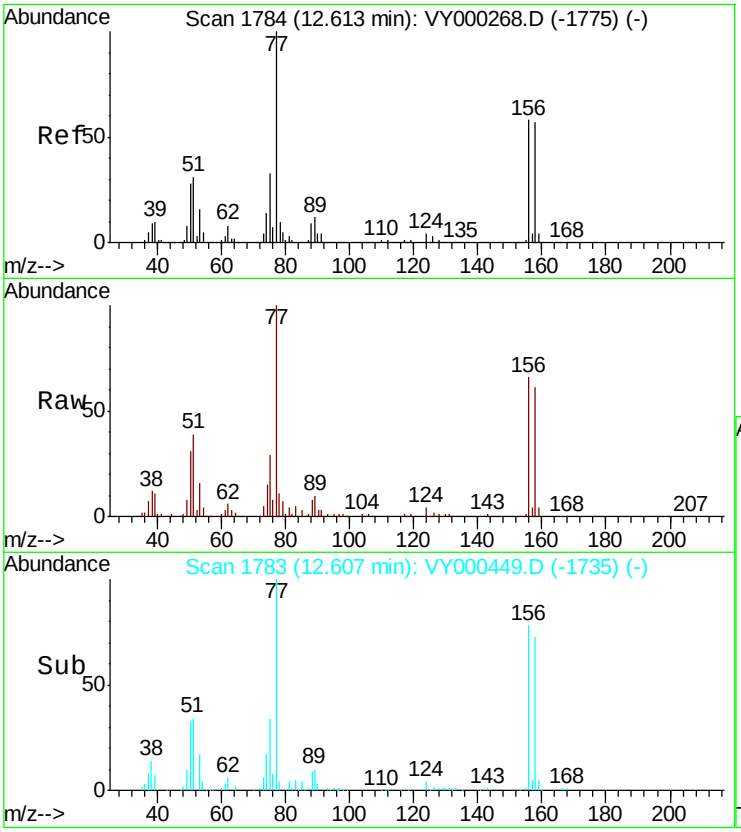


#76
1,2,3-Trichloropropane
Concen: 35.441 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 75 Resp: 66697

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



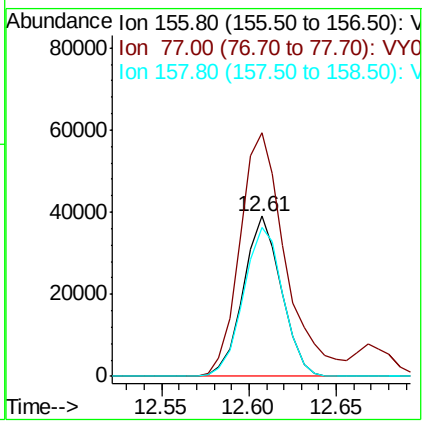


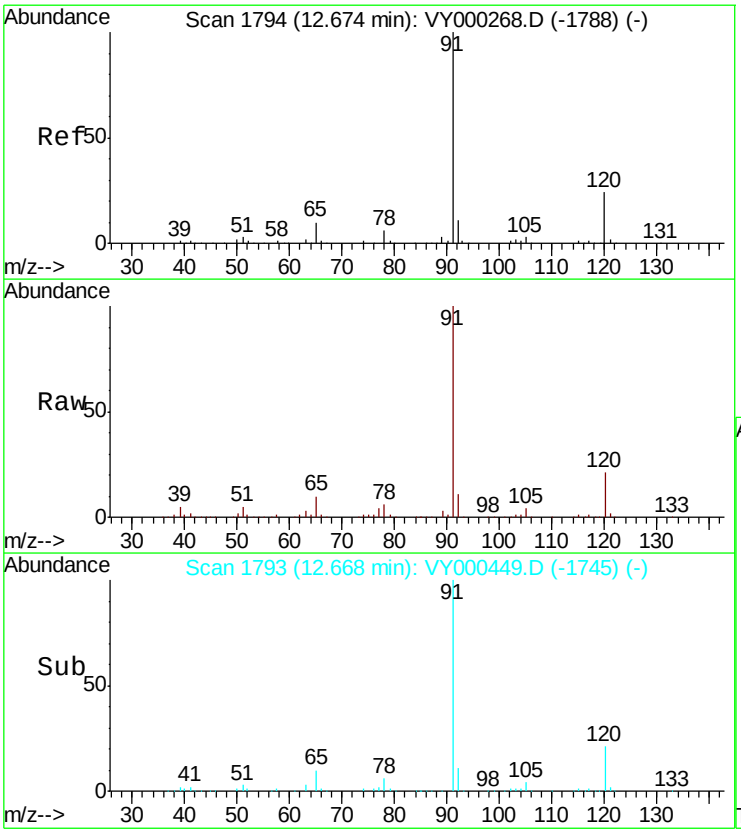
#77
Bromobenzene
Concen: 22.303 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 59224

Ion	Ratio	Lower	Upper
156	100		
77	184.7	101.0	302.9
158	96.5	49.7	149.1

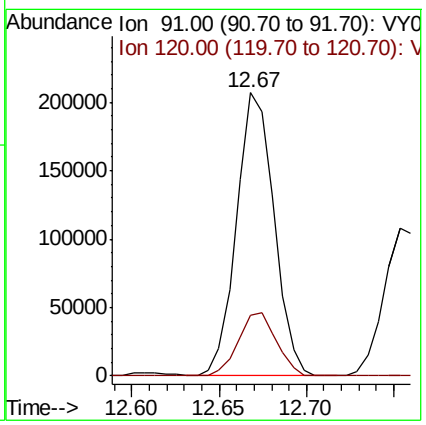


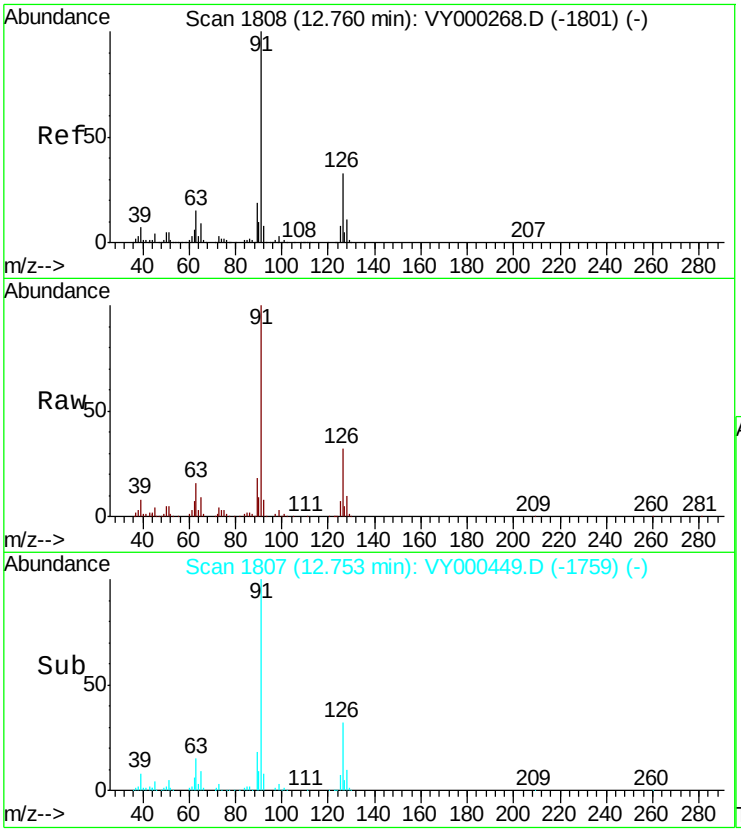


#78
n-propylbenzene
Concen: 21.565 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 91 Resp: 308985

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.5	34.5



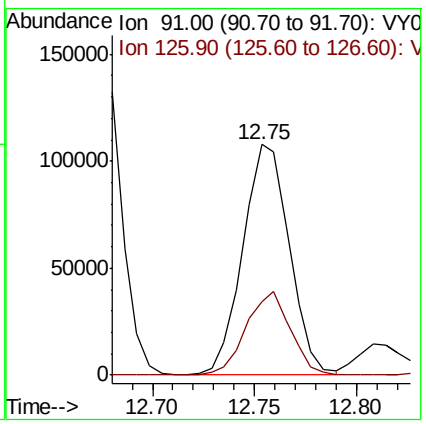


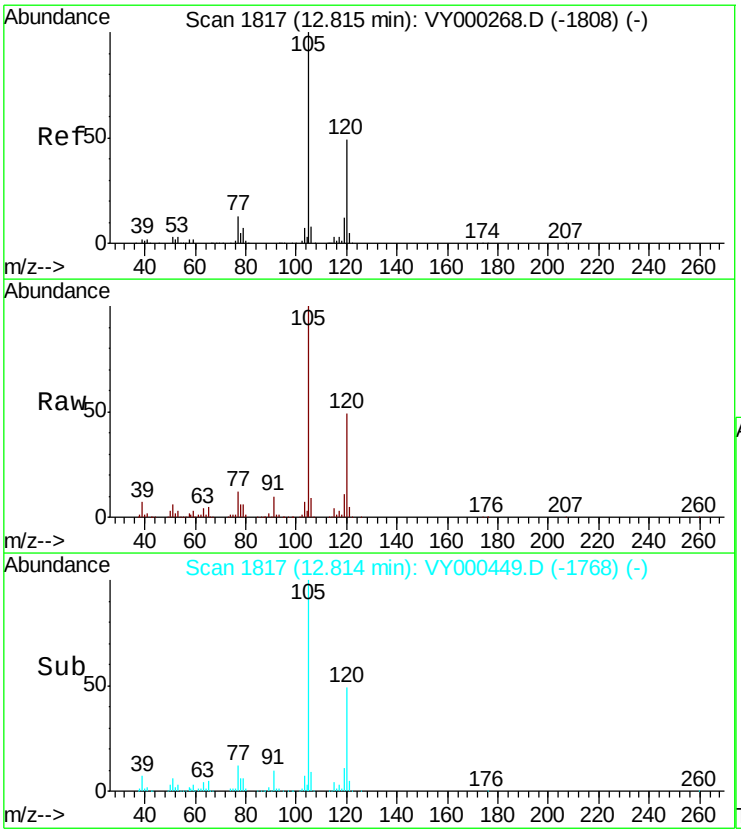
#79
2-Chlorotoluene
Concen: 21.662 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 171410

Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.1	51.3

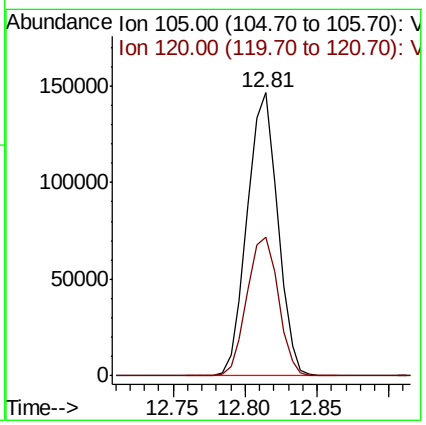


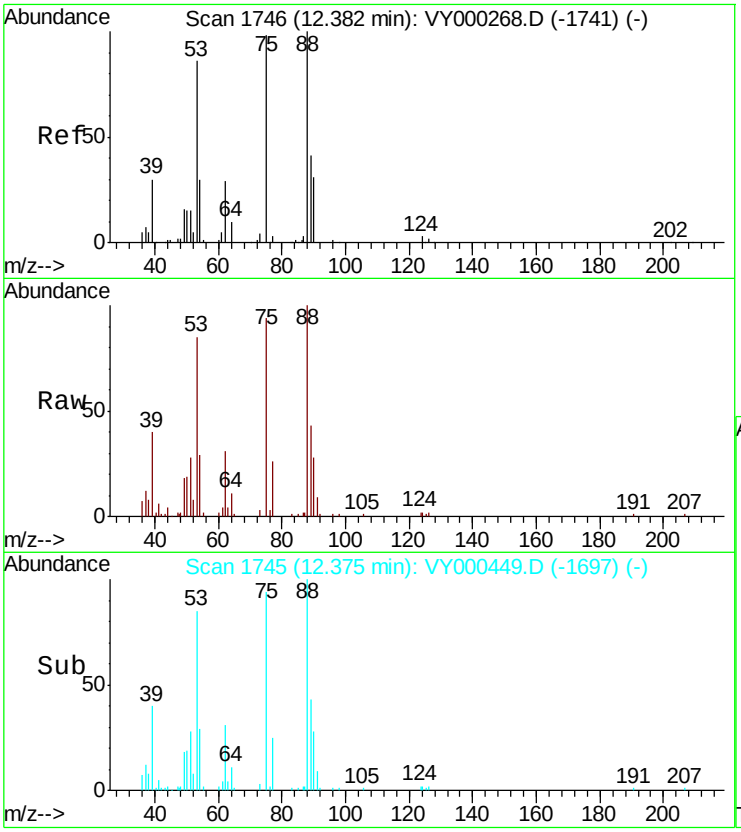


#80
1,3,5-Trimethylbenzene
Concen: 21.454 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:105 Resp: 214683

Ion	Ratio	Lower	Upper
105	100		
120	50.3	24.9	74.8



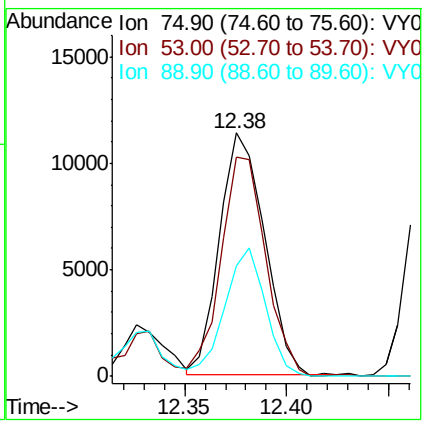


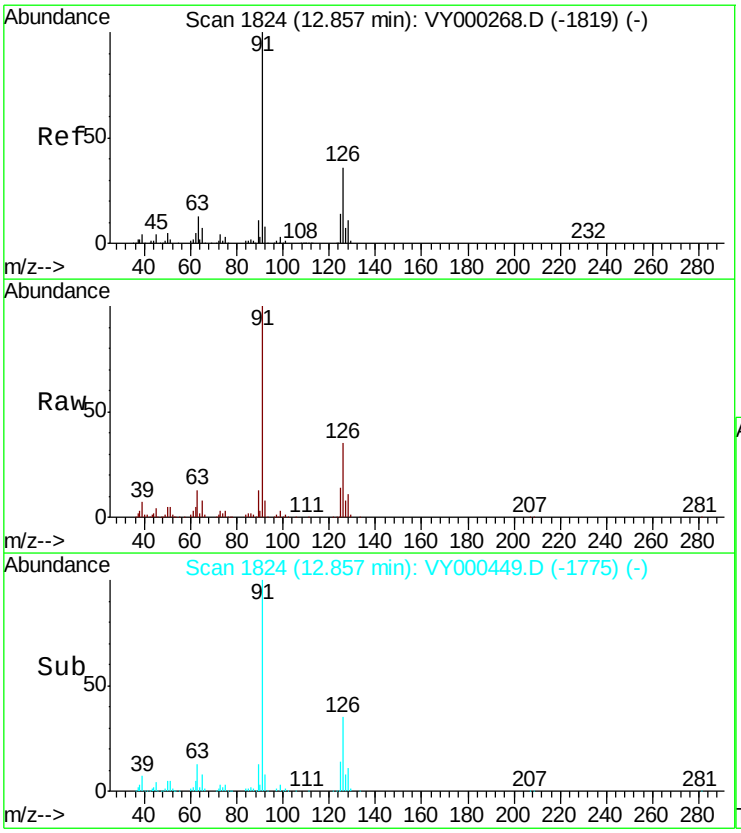
#81
trans-1,4-Dichloro-2-butene
Concen: 20.088 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17278

Ion	Ratio	Lower	Upper
75	100		
53	90.6	71.3	106.9
89	48.0	35.1	52.7

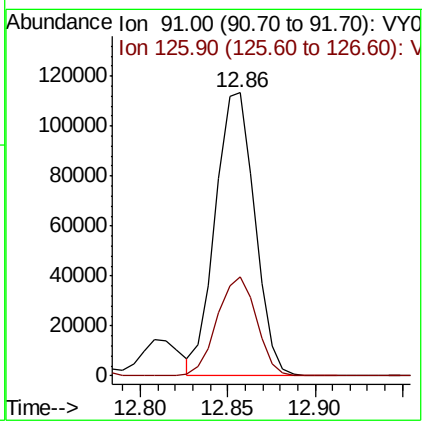


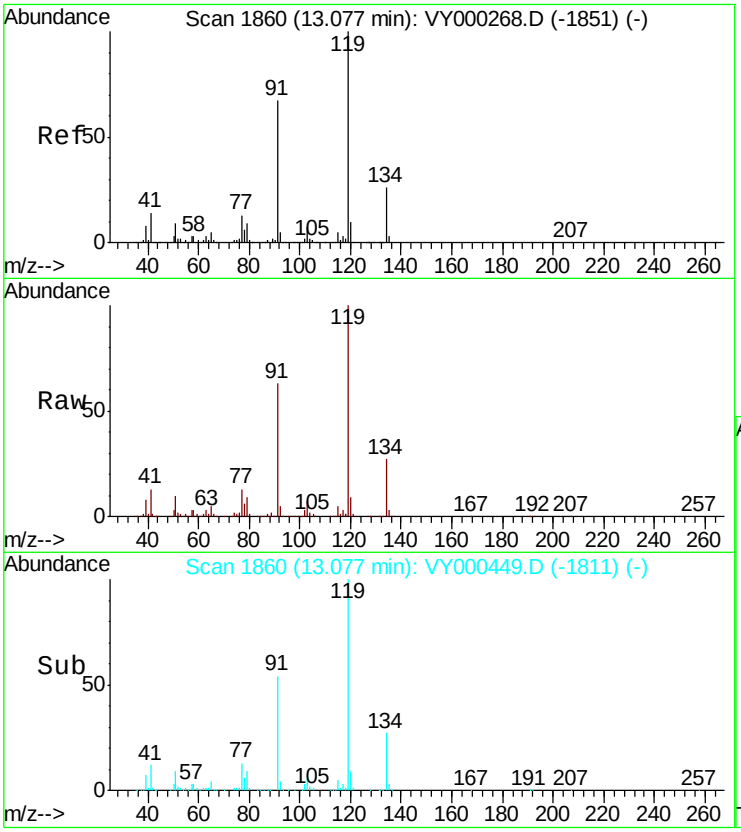


#82
4-Chlorotoluene
Concen: 21.247 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 91 Resp: 177717

Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.5



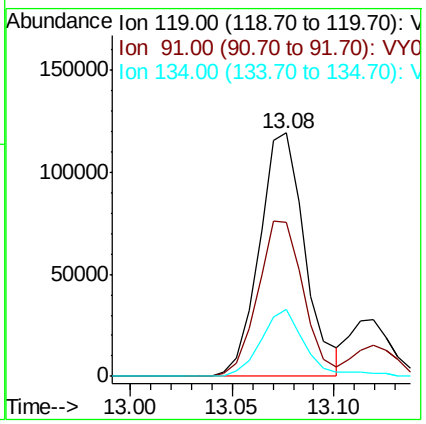


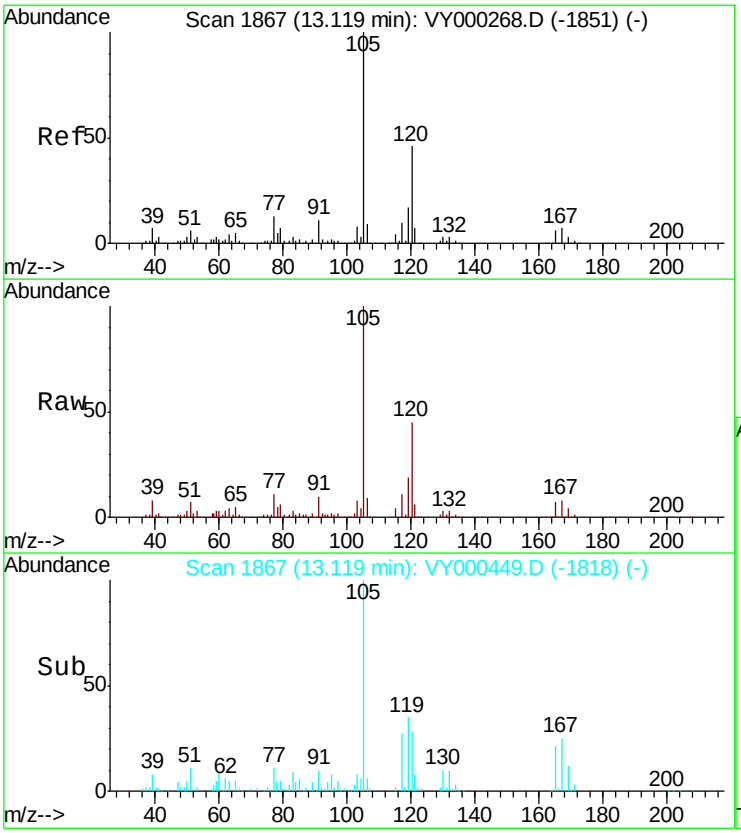
#83
tert-Butylbenzene
Concen: 21.886 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 185457

Ion	Ratio	Lower	Upper
119	100		
91	63.8	32.9	98.7
134	27.0	13.3	39.8

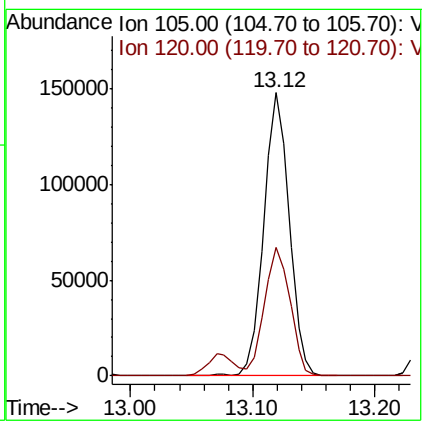


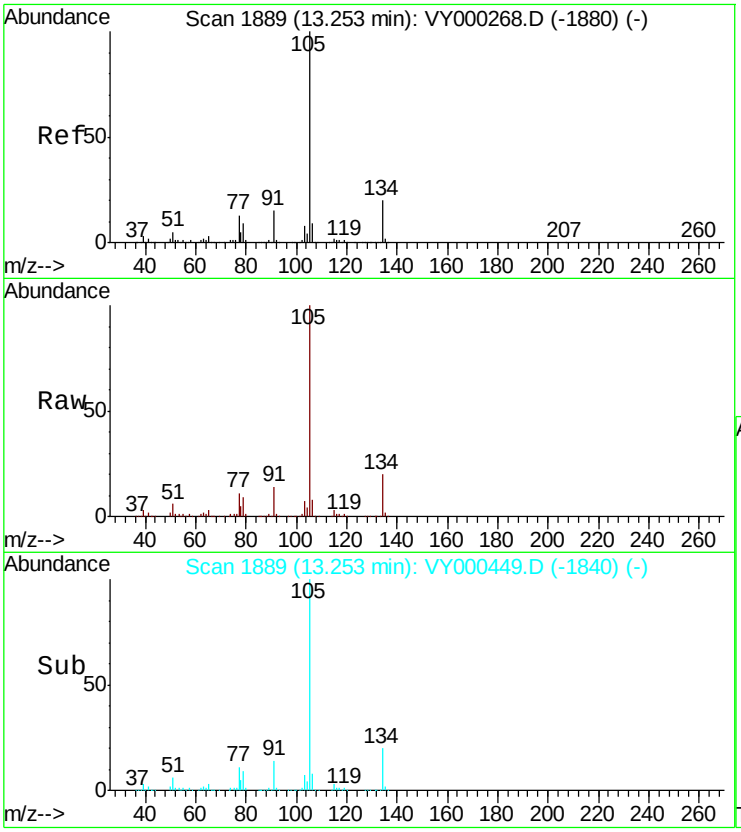


#84
1,2,4-Trimethylbenzene
Concen: 21.653 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:105 Resp: 213849

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8



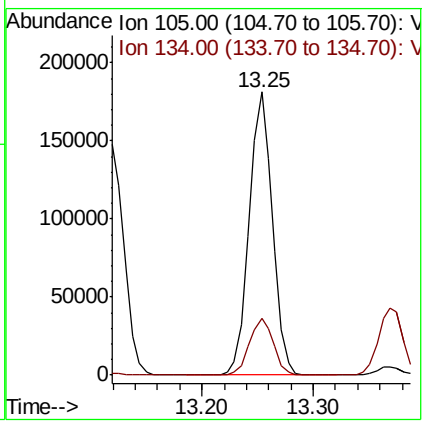


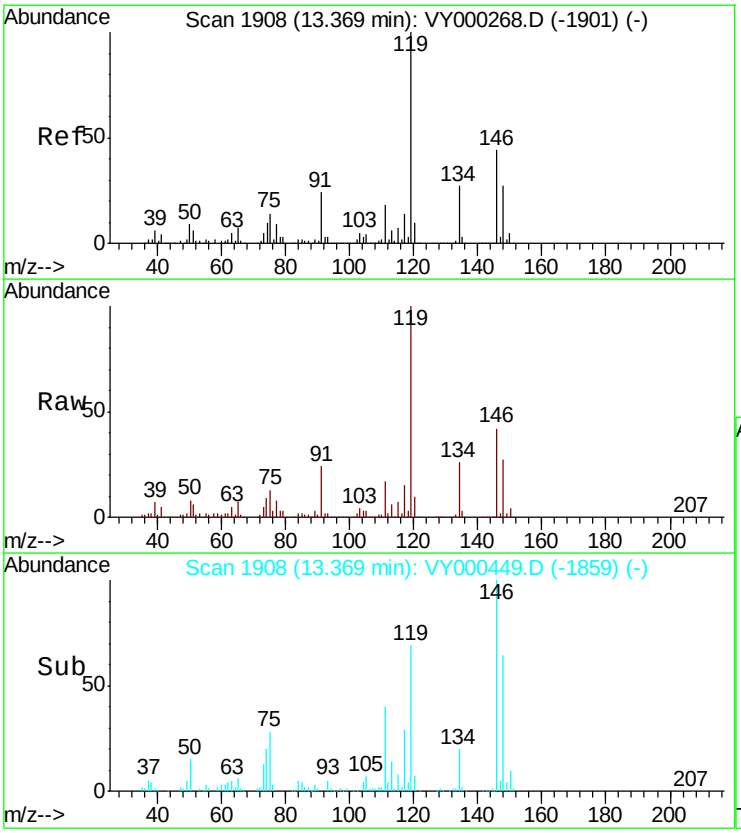
#85
sec-Butylbenzene
Concen: 21.493 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 263475

Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.1

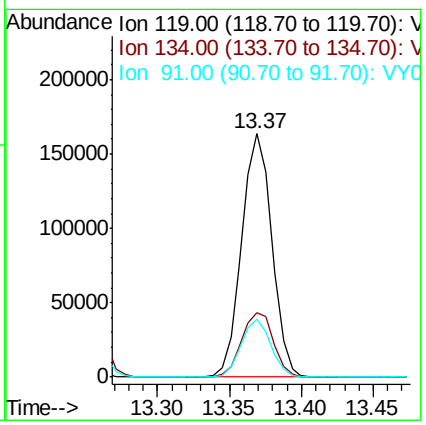


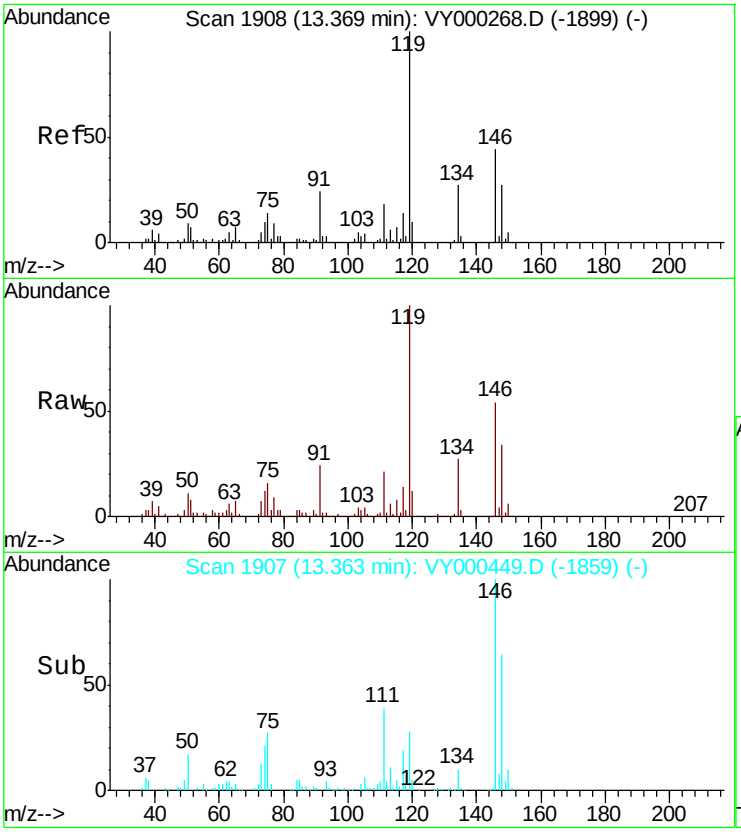


#86
p-Isopropyltoluene
Concen: 22.143 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:119 Resp: 236646

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.6	40.8
91	23.5	12.0	36.1



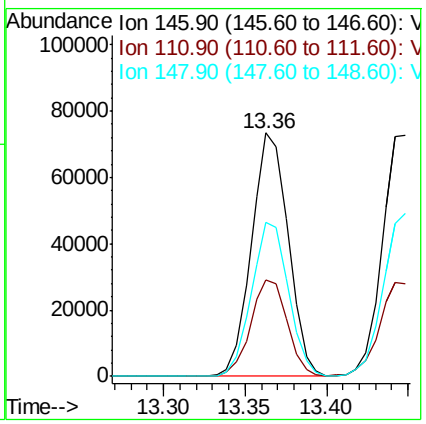


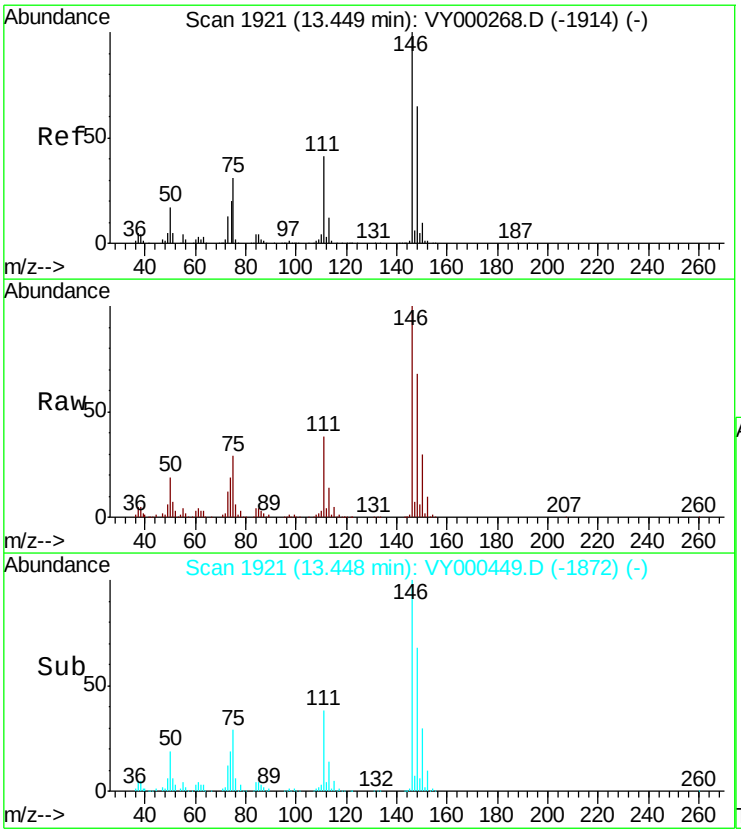
#87
1,3-Dichlorobenzene
Concen: 21.927 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 114721

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.8
148	63.7	31.9	95.5

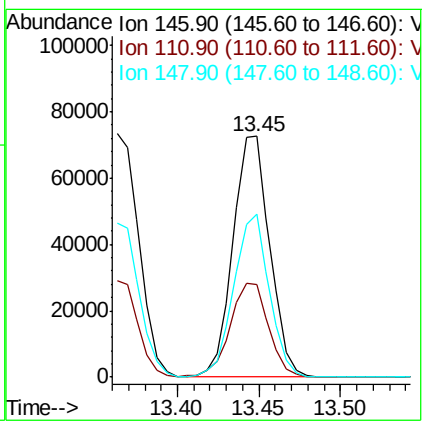


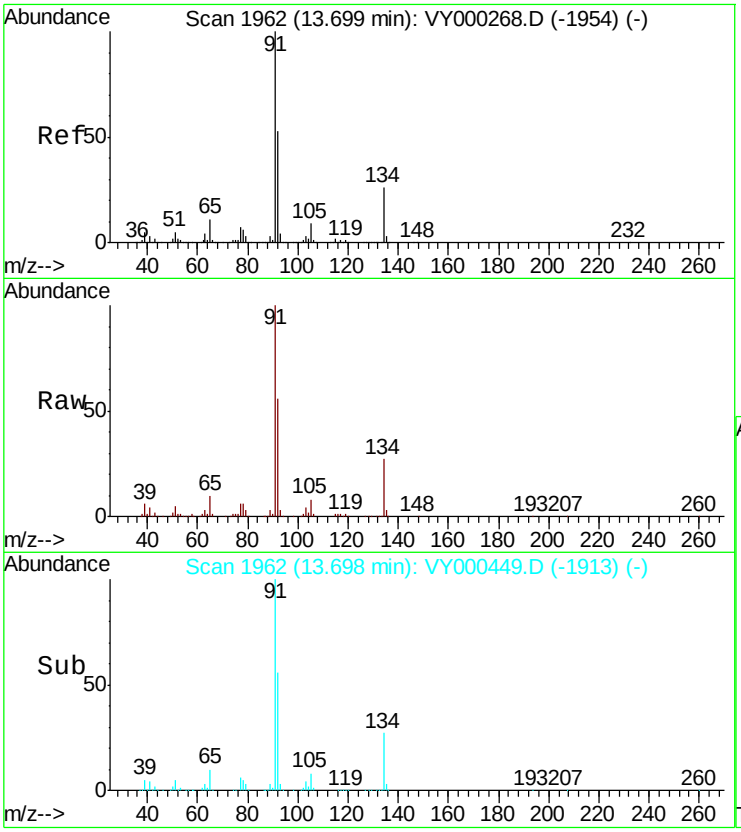


#88
1,4-Dichlorobenzene
Concen: 21.808 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:146 Resp: 114048

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	65.2	32.4	97.2



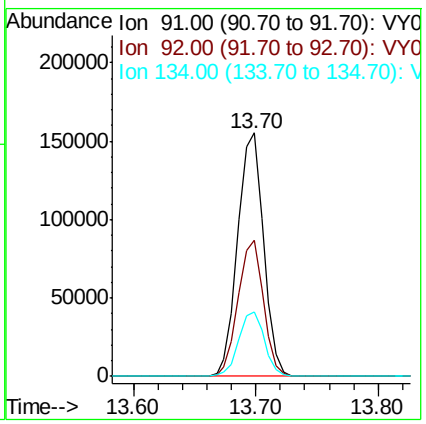


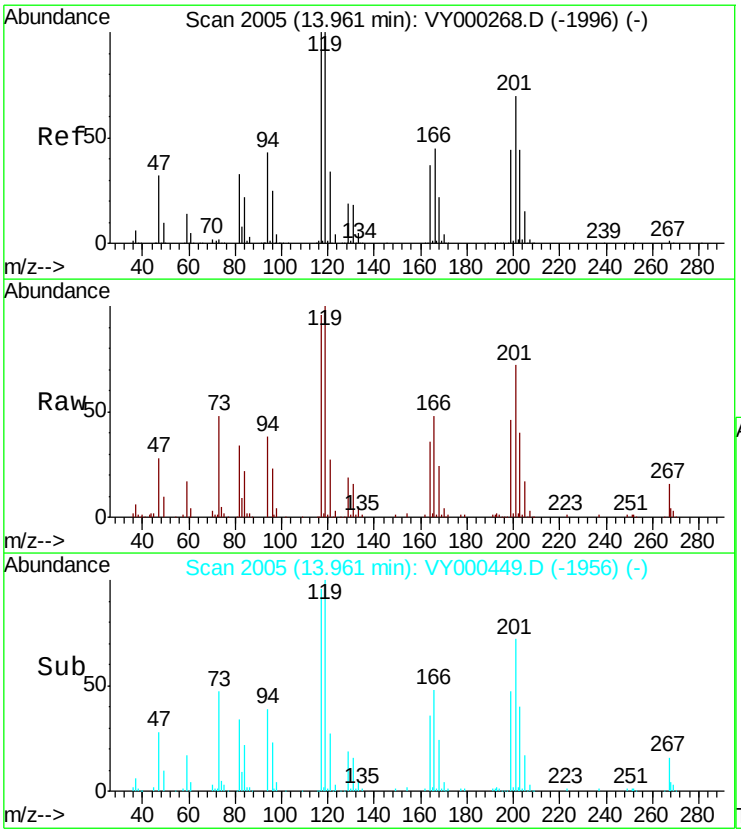
#89
n-Butylbenzene
Concen: 21.515 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 227226

Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.7	80.1
134	26.7	13.0	38.9

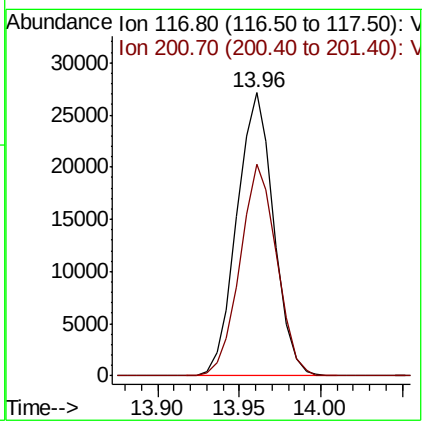


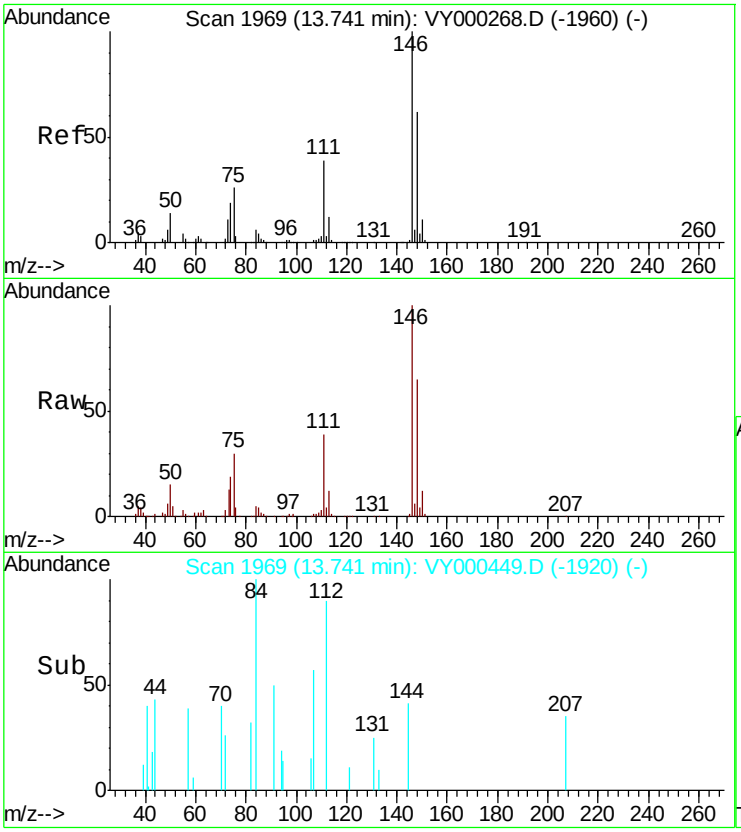


#90
Hexachloroethane
Concen: 21.536 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:117 Resp: 42619

Ion	Ratio	Lower	Upper
117	100		
201	74.6	36.3	108.7



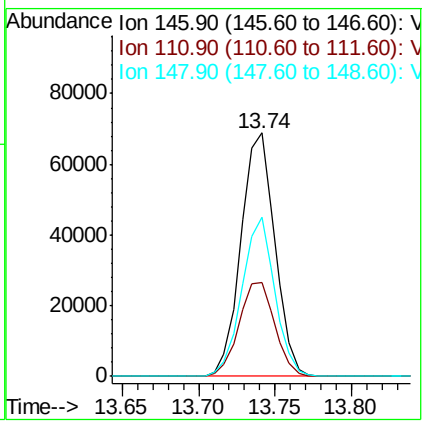


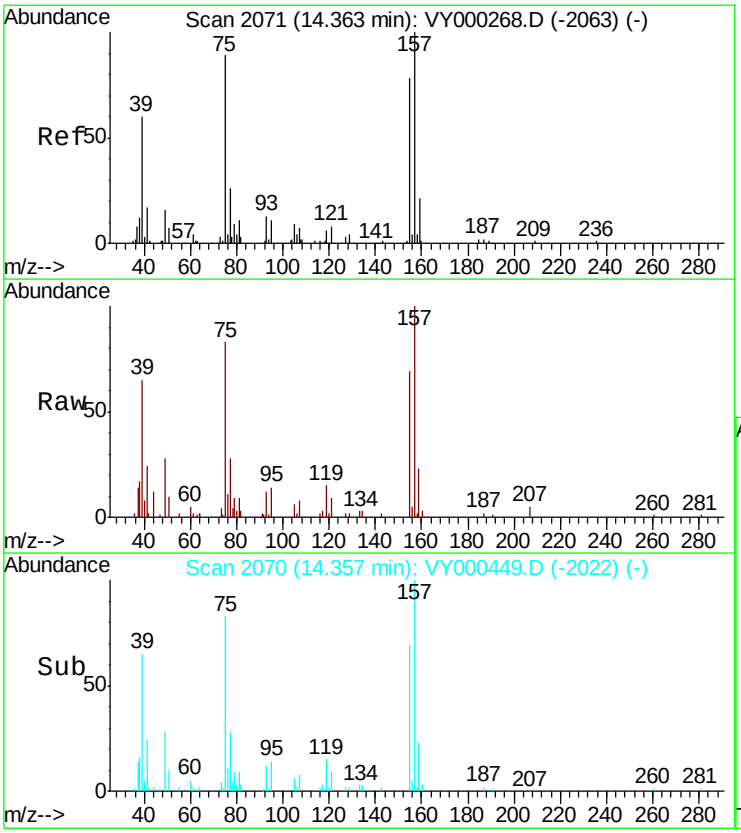
#91
1,2-Dichlorobenzene
Concen: 22.458 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 106337

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	62.9	31.6	95.0

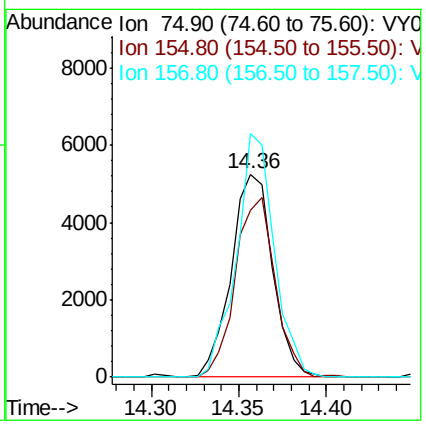


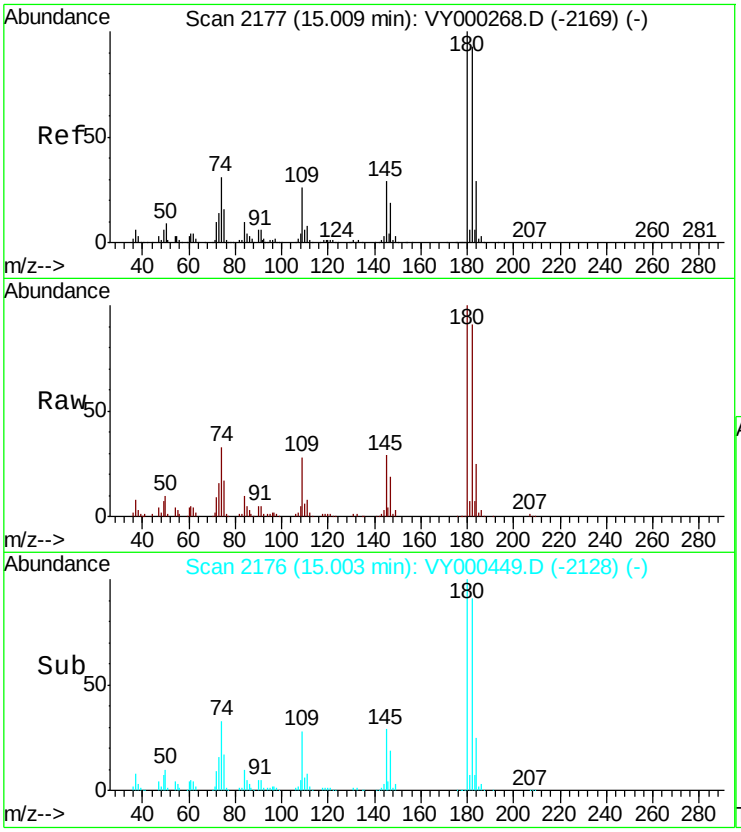


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.360 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion: 75 Resp: 8652

Ion	Ratio	Lower	Upper
75	100		
155	85.4	45.8	137.3
157	109.7	55.6	166.9



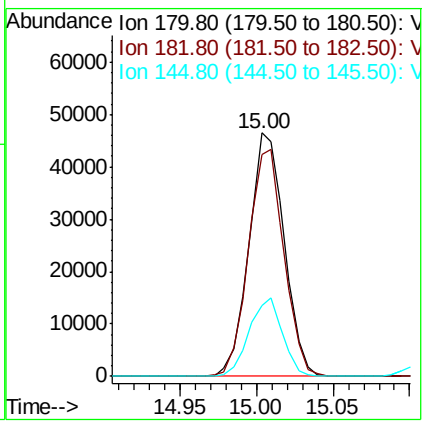


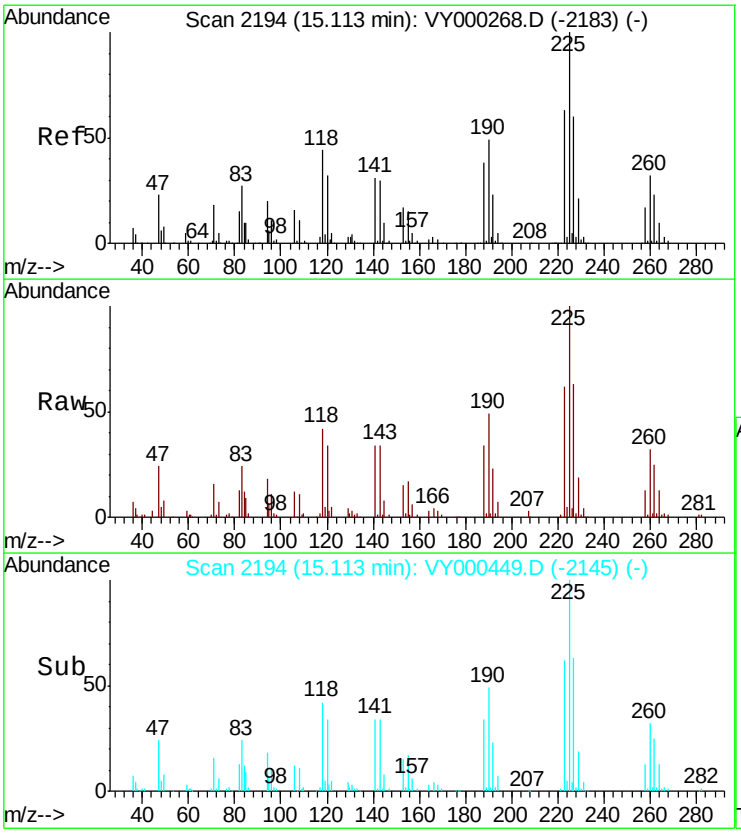
#93
1,2,4-Trichlorobenzene
Concen: 22.580 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. -0.01 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 74439

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.6
145	30.3	15.4	46.1

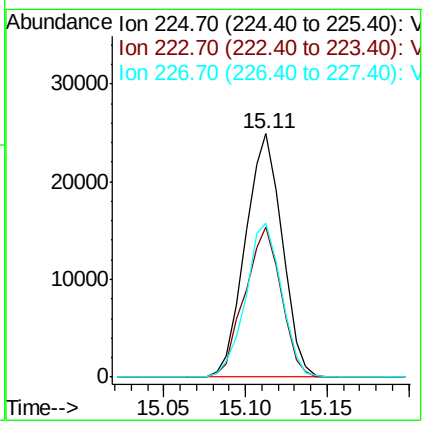


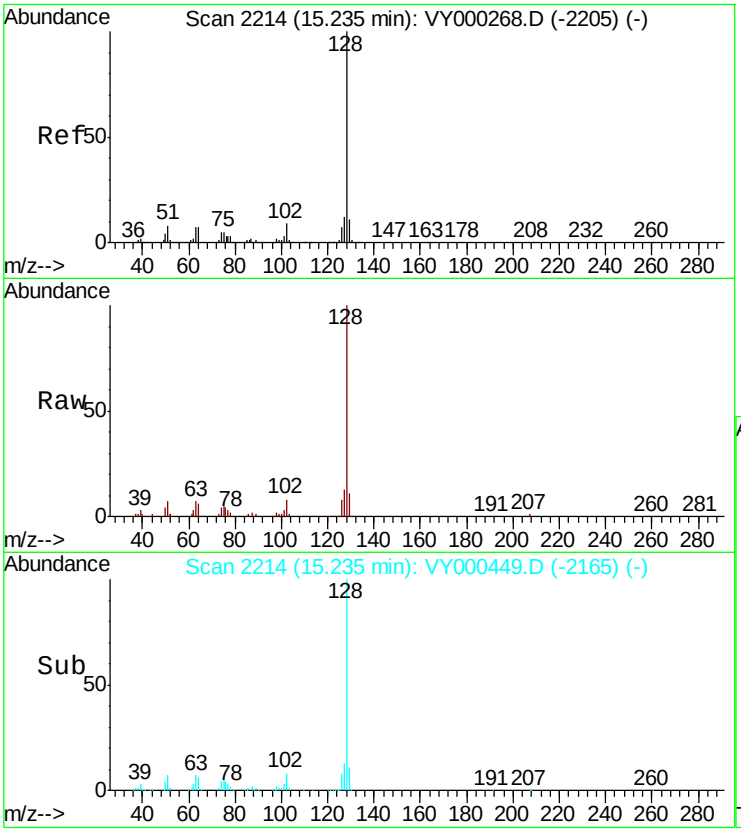


#94
Hexachlorobutadiene
Concen: 21.917 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:225 Resp: 39101

Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.9	95.7
227	61.6	31.4	94.2



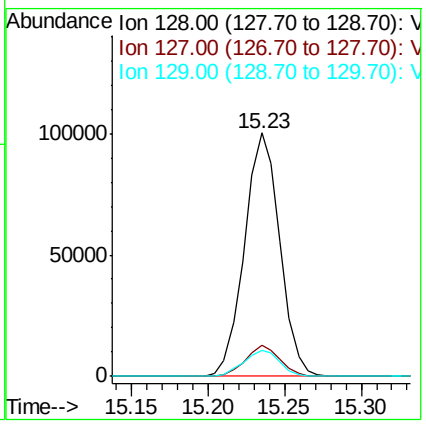


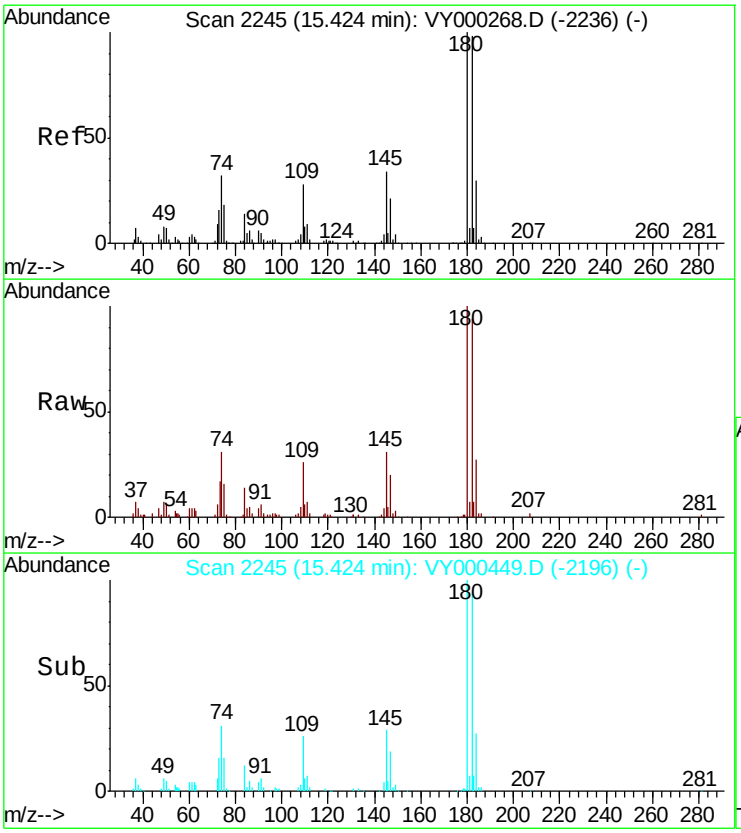
#95
Naphthalene
Concen: 21.846 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :

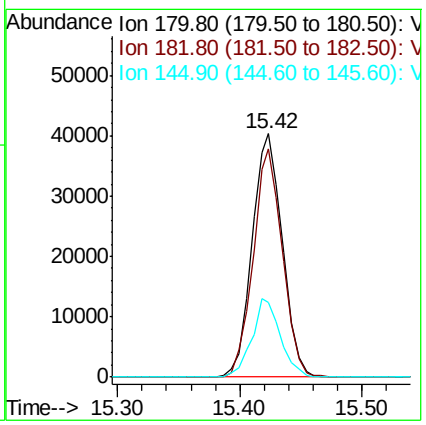
Tgt Ion:128 Resp: 160719

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.6	14.4
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 23.234 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000449.D
Acq: 28 Oct 2019 13:05

Tgt Ion:180 Resp: 69031

Ion	Ratio	Lower	Upper
180	100		
182	91.0	46.5	139.5
145	30.3	16.2	48.5