

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003436.D
 Acq On : 04 Sep 2020 16:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 05 00:47:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	612367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1030402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	916627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	416597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	925638	145.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.32%	
35) Dibromofluoromethane	7.72	113	894682	150.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.66%	
50) Toluene-d8	10.18	98	3533716	140.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.42%	
62) 4-Bromofluorobenzene	12.48	95	1179197	139.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	278.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	618217	120.044	ug/l	99
3) Chloromethane	2.11	50	844633	114.337	ug/l	100
4) Vinyl Chloride	2.25	62	755844	123.058	ug/l	99
5) Bromomethane	2.63	94	494788	104.302	ug/l	98
6) Chloroethane	2.79	64	426765	144.333	ug/l	98
7) Trichlorofluoromethane	3.12	101	1342431	139.777	ug/l	100
8) Diethyl Ether	3.53	74	557563	140.660	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.90	101	879390	141.025	ug/l	95
10) Methyl Iodide	4.09	142	933468	229.384	ug/l	96
11) Tert butyl alcohol	4.97	59	470925	439.794	ug/l	100
12) 1,1-Dichloroethene	3.87	96	894532	140.336	ug/l	84
13) Acrolein	3.73	56	316673	602.483	ug/l	100
14) Allyl chloride	4.48	41	1711837	154.670	ug/l #	93
15) Acrylonitrile	5.17	53	1466460	699.880	ug/l	98
16) Acetone	3.95	43	1168498	636.387	ug/l	92
17) Carbon Disulfide	4.19	76	2879326	140.558	ug/l	100
18) Methyl Acetate	4.48	43	702796	145.468	ug/l	89
19) Methyl tert-butyl Ether	5.22	73	2529670	146.946	ug/l	95
20) Methylene Chloride	4.72	84	1032523	103.804	ug/l #	85
21) trans-1,2-Dichloroethene	5.22	96	1033117	141.916	ug/l	89
22) Diisopropyl ether	6.13	45	3353616	147.374	ug/l	97
23) Vinyl Acetate	6.07	43	10802088	730.599	ug/l	94
24) 1,1-Dichloroethane	6.02	63	1817809	146.899	ug/l	99
25) 2-Butanone	6.99	43	1879374	638.652	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1471353	137.610	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	1152956	141.872	ug/l	99
28) Bromochloromethane	7.34	49	850610	136.907	ug/l	99
29) Tetrahydrofuran	7.35	42	1254896	650.169	ug/l	99
30) Chloroform	7.51	83	1757620	144.222	ug/l	96
31) Cyclohexane	7.78	56	1741671	131.371	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	1503697	145.129	ug/l	99
36) 1,1-Dichloropropene	7.92	75	1409310	139.641	ug/l	99
37) Ethyl Acetate	7.08	43	835910	130.060	ug/l	100
38) Carbon Tetrachloride	7.90	117	1314515	142.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	1824844	139.815	ug/l	99
40) Benzene	8.16	78	4157099	138.151	ug/l	99
41) Methacrylonitrile	7.33	41	474712m	133.647	ug/l	
42) 1,2-Dichloroethane	8.24	62	1139706	141.696	ug/l	99
43) Isopropyl Acetate	8.28	43	1612254	138.812	ug/l	99
44) Trichloroethene	8.94	130	1117888	138.789	ug/l	97
45) 1,2-Dichloropropane	9.22	63	1090534	140.586	ug/l	97
46) Dibromomethane	9.30	93	558179	137.342	ug/l	99
47) Bromodichloromethane	9.50	83	1389723	146.367	ug/l	99
48) Methyl methacrylate	9.29	41	755191	140.458	ug/l	99
49) 1,4-Dioxane	9.30	88	153487	2736.329	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	4094306	648.548	ug/l	99
52) Toluene	10.24	92	2550000	139.606	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	1488337	145.926	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	1735611	143.986	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	808199	136.902	ug/l	98
56) Ethyl methacrylate	10.51	69	1167855	146.274	ug/l	98
57) 1,3-Dichloropropane	10.79	76	1428574	137.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	2986074	692.565	ug/l	100
59) 2-Hexanone	10.83	43	2817605	655.102	ug/l	99
60) Dibromochloromethane	10.99	129	968337	145.165	ug/l	99
61) 1,2-Dibromoethane	11.09	107	775890	140.215	ug/l	99
64) Tetrachloroethene	10.72	164	1051079	135.656	ug/l	98
65) Chlorobenzene	11.51	112	2685824	139.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	954319	142.525	ug/l	98
67) Ethyl Benzene	11.59	91	4819846	140.014	ug/l	99
68) m/p-Xylenes	11.70	106	3583894	275.931	ug/l	100
69) o-Xylene	12.03	106	1721477	140.482	ug/l	99
70) Styrene	12.04	104	2989022	147.716	ug/l	100
71) Bromoform	12.20	173	573675	143.566	ug/l #	100
73) Isopropylbenzene	12.33	105	4547970	147.036	ug/l	100
74) N-amyl acetate	12.14	43	1379121	144.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	885332	140.825	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	595376m	130.194	ug/l	
77) Bromobenzene	12.61	156	1051108	144.614	ug/l	99
78) n-propylbenzene	12.67	91	5353728	141.822	ug/l	100
79) 2-Chlorotoluene	12.75	91	3034272	146.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	3675464	143.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	337320	144.753	ug/l	98
82) 4-Chlorotoluene	12.85	91	3173765	143.578	ug/l	100
83) tert-Butylbenzene	13.07	119	3116820	142.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	3656612	141.870	ug/l	99
85) sec-Butylbenzene	13.25	105	4412535	139.197	ug/l	100
86) p-Isopropyltoluene	13.37	119	3900864	138.415	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1937638	137.530	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1943615	137.066	ug/l	99
89) n-Butylbenzene	13.69	91	3766660	132.964	ug/l	99
90) Hexachloroethane	13.95	117	757383	147.858	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1762532	137.448	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	136939	132.403	ug/l	98

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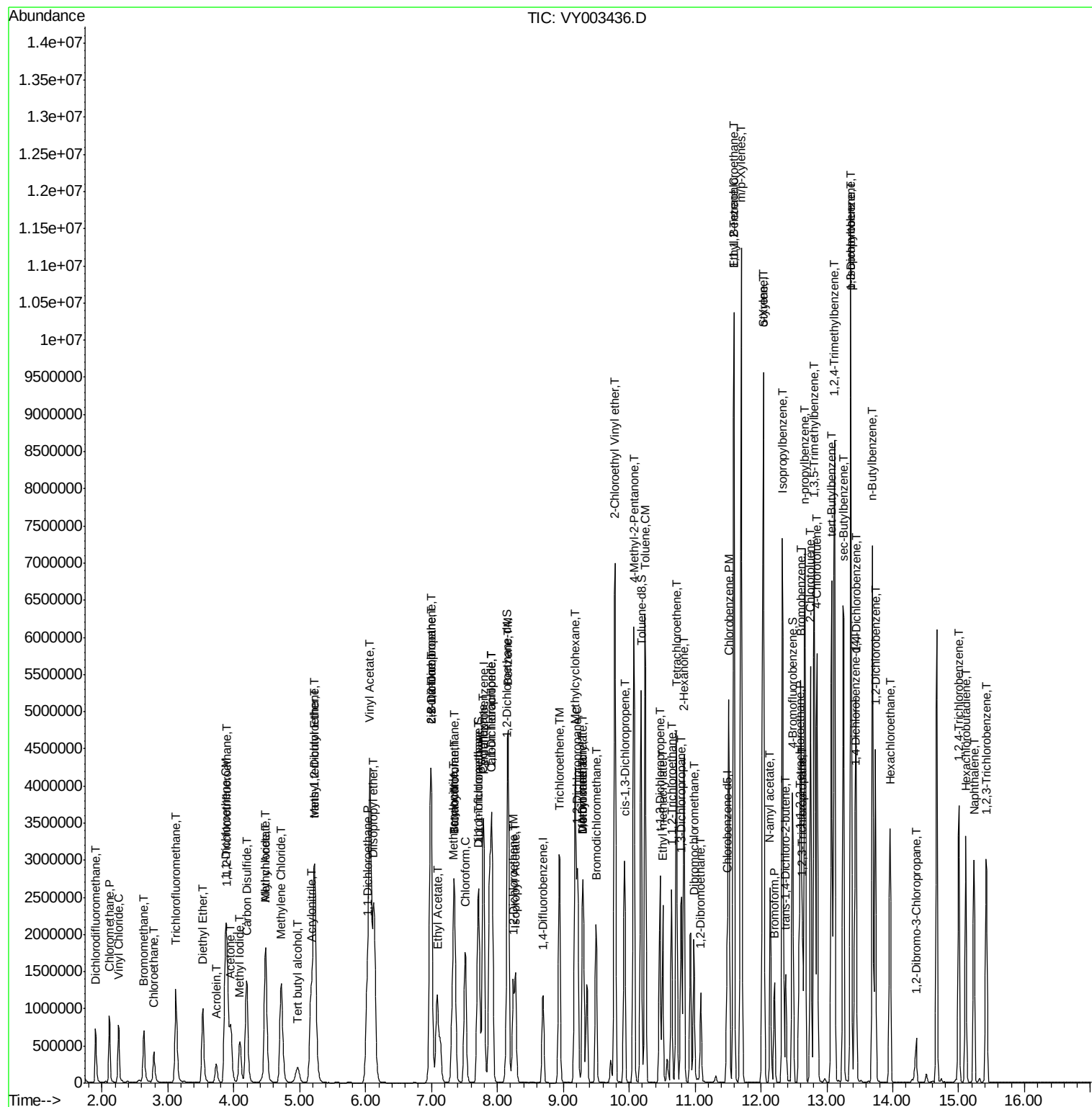
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	1116281	128.690	ug/l	100
94) Hexachlorobutadiene	15.11	225	566215	121.943	ug/l	100
95) Naphthalene	15.23	128	2475104	136.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	977231	126.834	ug/l	98

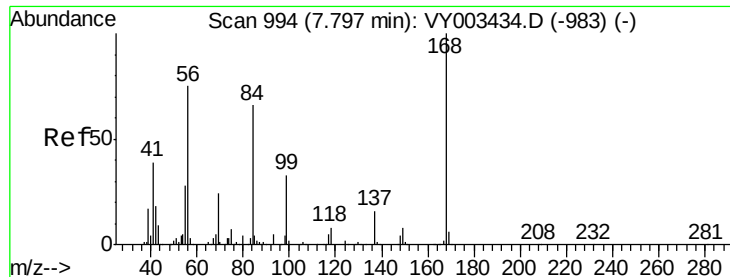
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

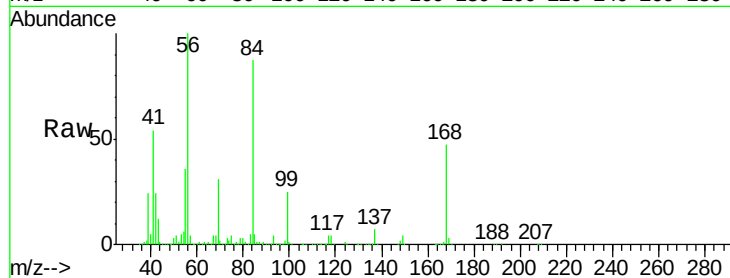
VSTDIC150

Tot Ion:168 Resp: 612367

Ion Ratio Lower Upper

168 100

99 52.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VY003436.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003436.D (-945) (-)

400000

300000

200000

100000

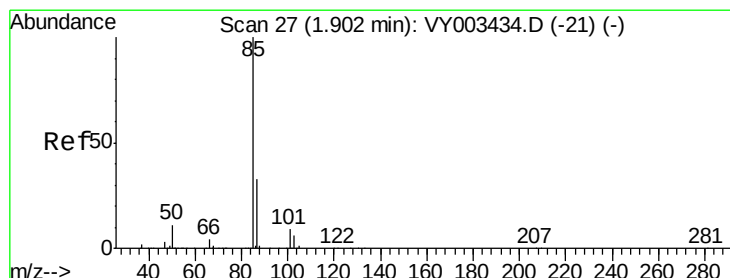
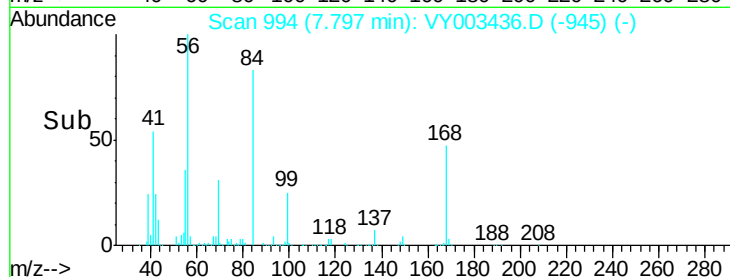
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 120.044 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003436.D

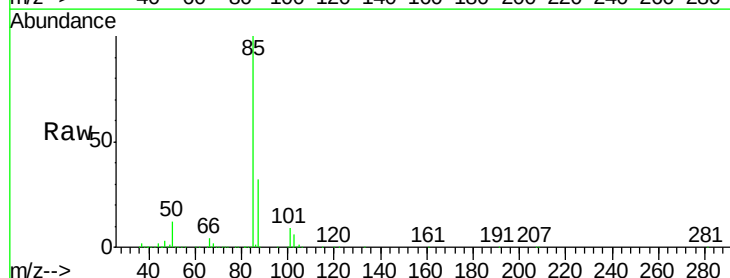
Acq: 04 Sep 2020 16:49

Tgt Ion: 85 Resp: 618217

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003436.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003436.D (-1) (-)

400000

300000

200000

100000

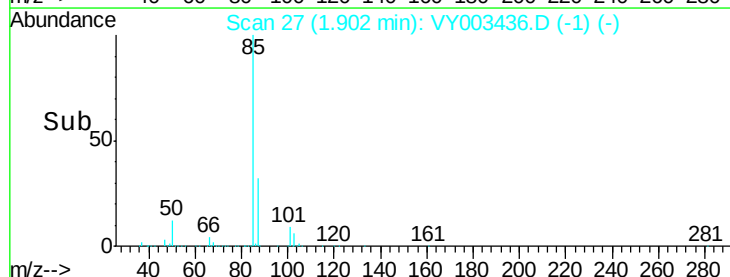
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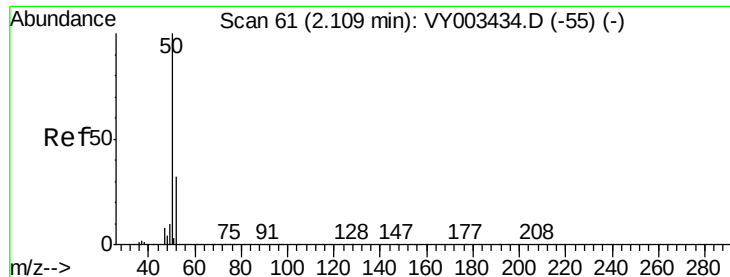
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 114.337 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

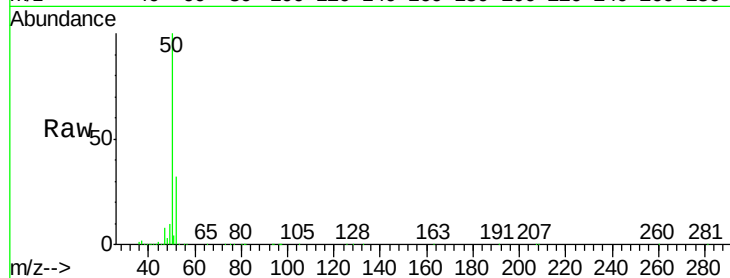
VSTDIC150

Tot Ion: 50 Resp: 844633

Ion Ratio Lower Upper

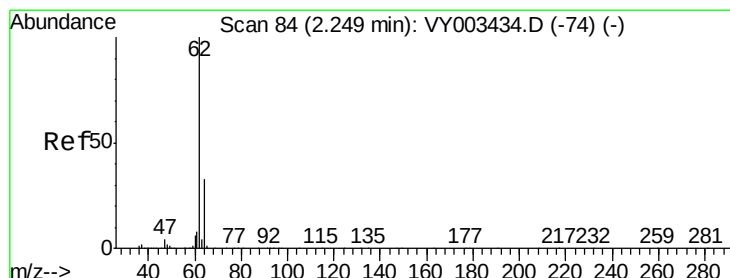
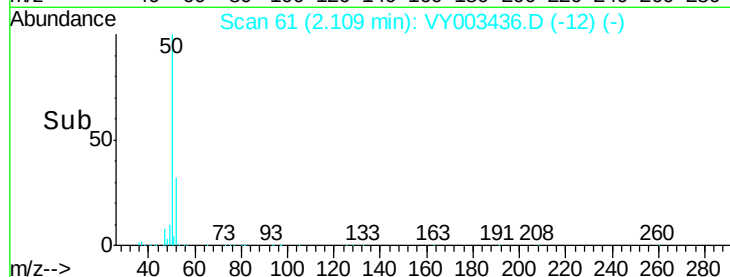
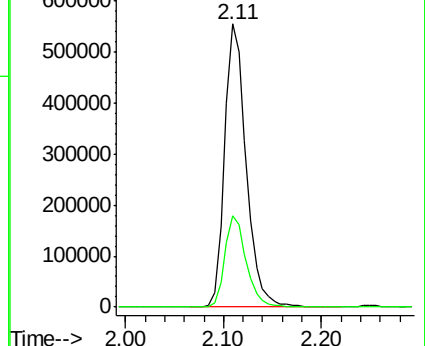
50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 123.058 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003436.D

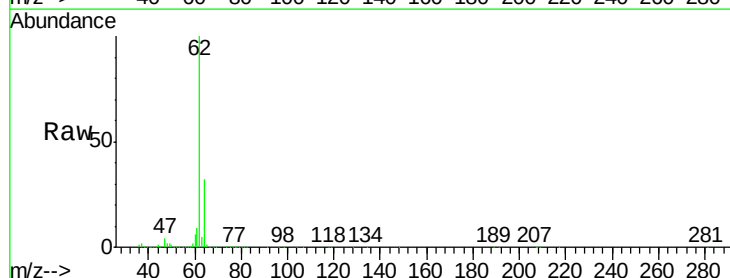
Acq: 04 Sep 2020 16:49

Tgt Ion: 62 Resp: 755844

Ion Ratio Lower Upper

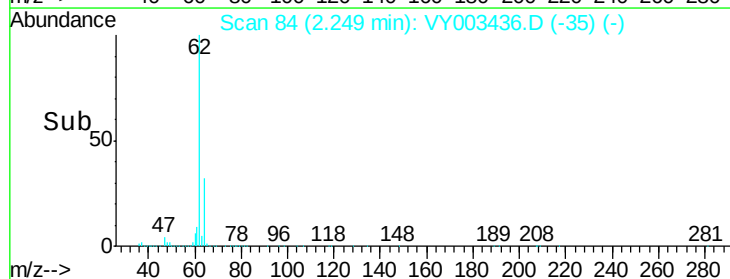
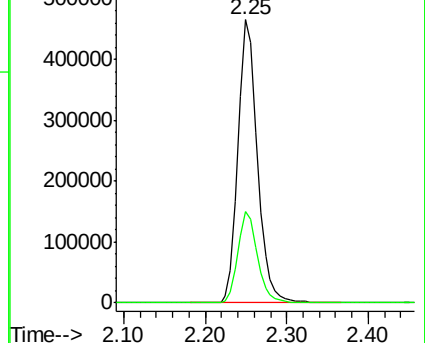
62 100

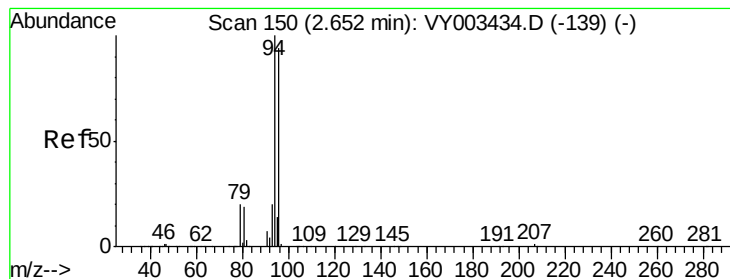
64 32.1 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 104.302 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

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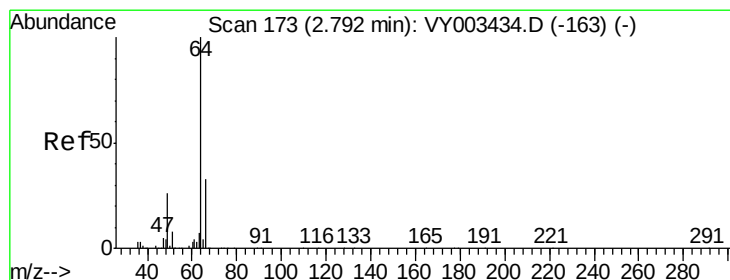
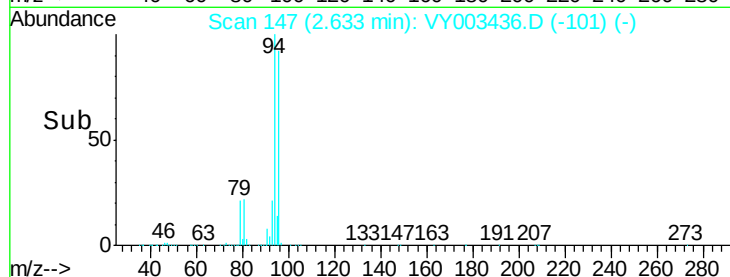
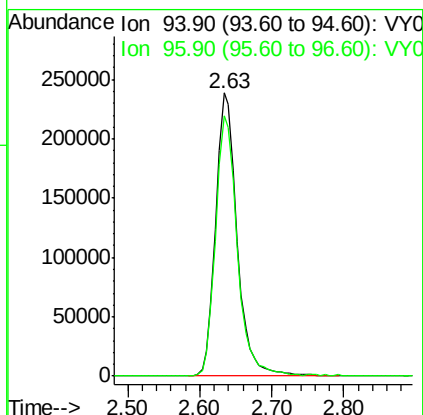
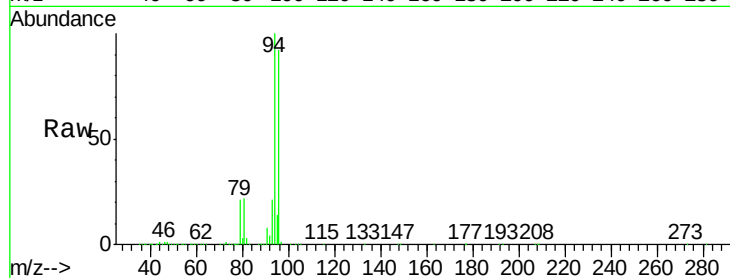
VSTDIC150

Tot Ion: 94 Resp: 494788

Ion Ratio Lower Upper

94 100

96 91.8 75.0 112.6



#6

Chloroethane

Concen: 144.333 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY003436.D

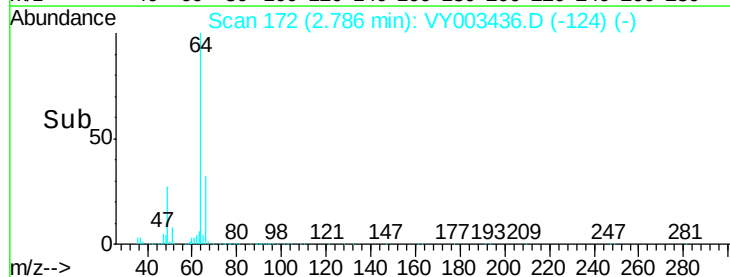
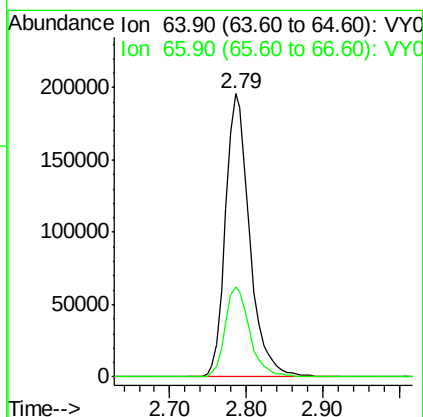
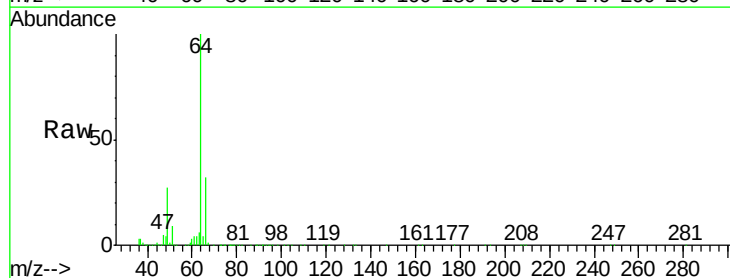
Acq: 04 Sep 2020 16:49

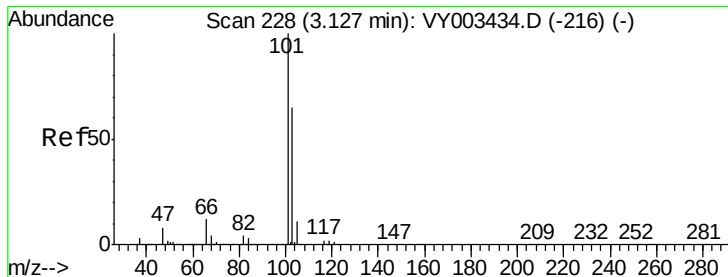
Tgt Ion: 64 Resp: 426765

Ion Ratio Lower Upper

64 100

66 32.0 26.3 39.5



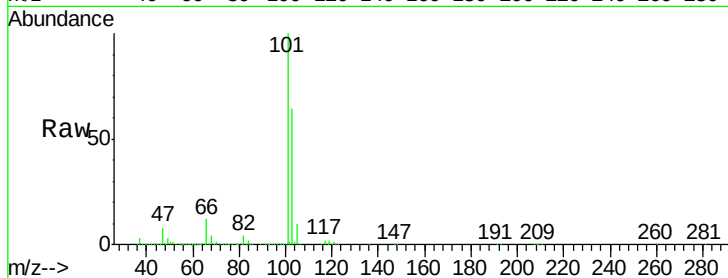


#7

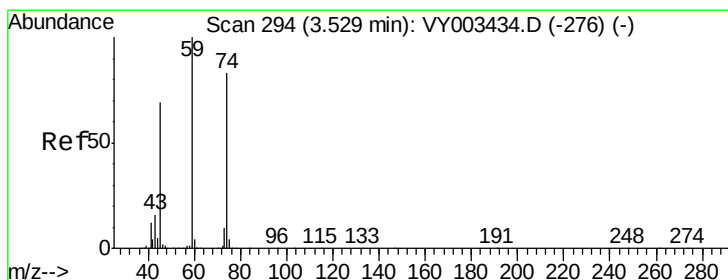
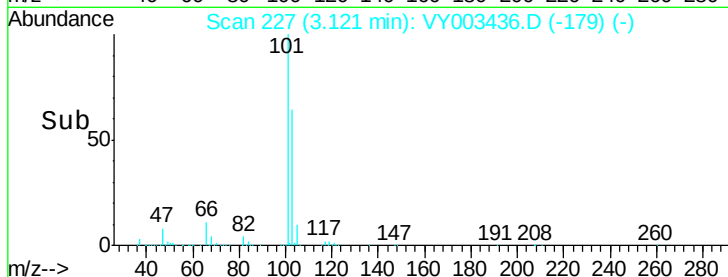
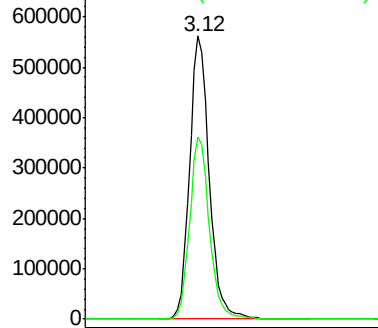
Trichlorofluoromethane
Concen: 139.777 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1342431
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5



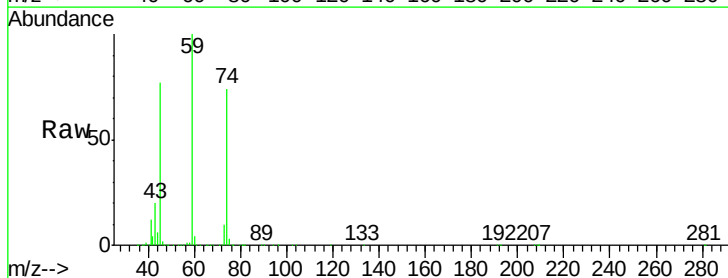
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



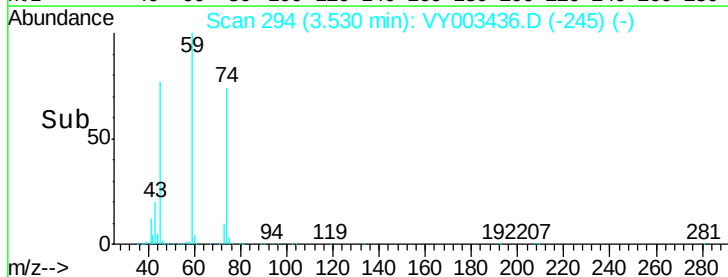
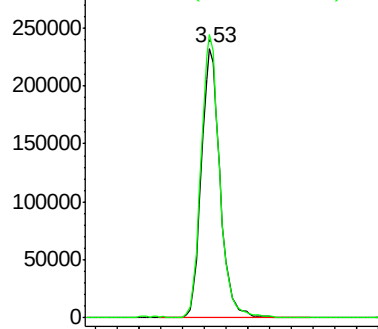
#8

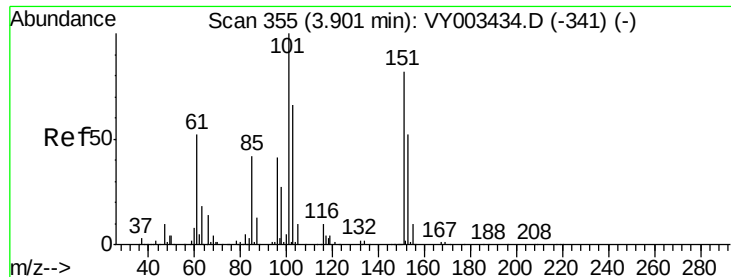
Diethyl Ether
Concen: 140.660 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 74 Resp: 557563
Ion Ratio Lower Upper
74 100
45 104.1 40.6 122.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.025 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

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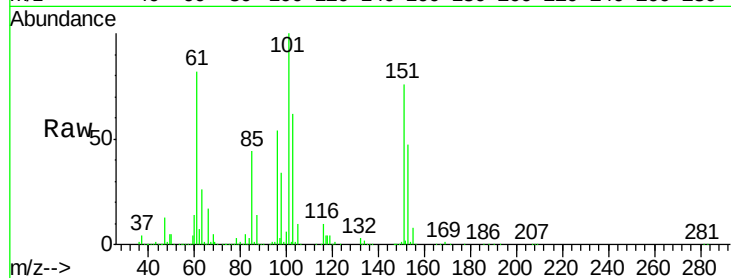
Tot Ion:101 Resp: 879390

Ion Ratio Lower Upper

101 100

85 43.2 33.1 49.7

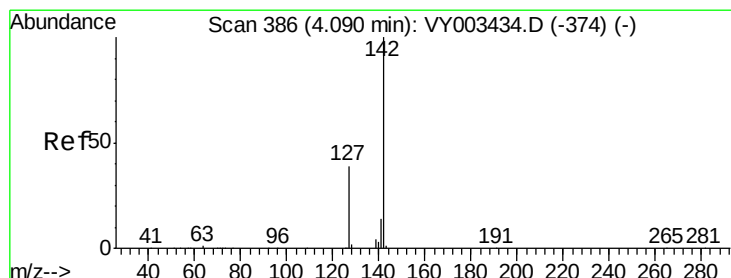
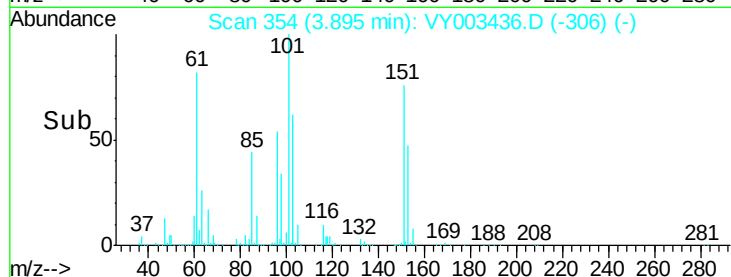
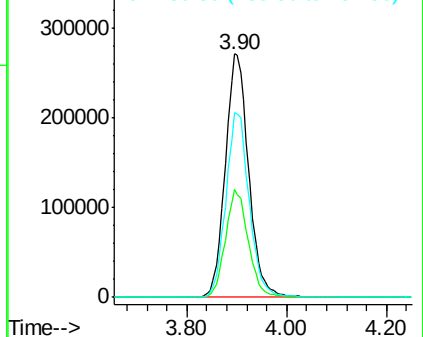
151 76.0 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 229.384 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

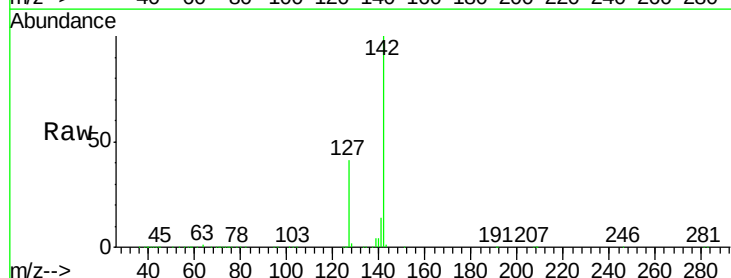
Tgt Ion:142 Resp: 933468

Ion Ratio Lower Upper

142 100

127 41.1 30.5 45.7

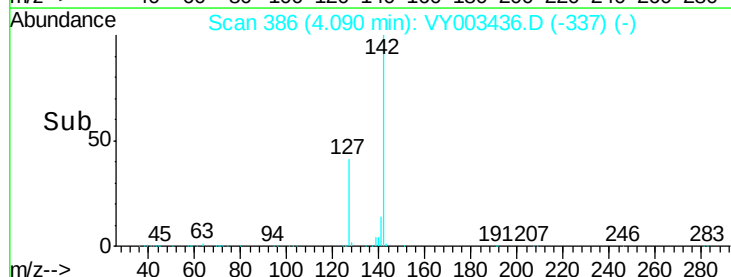
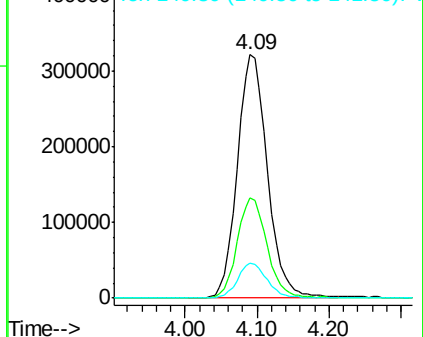
141 14.2 11.4 17.2

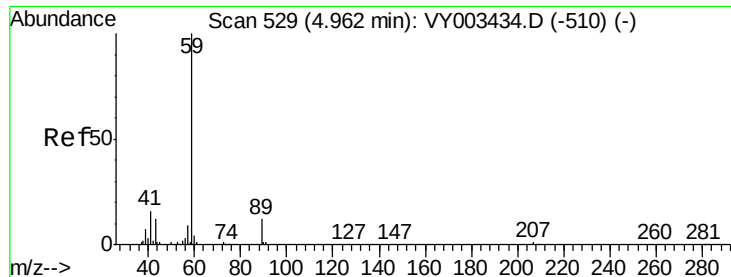


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

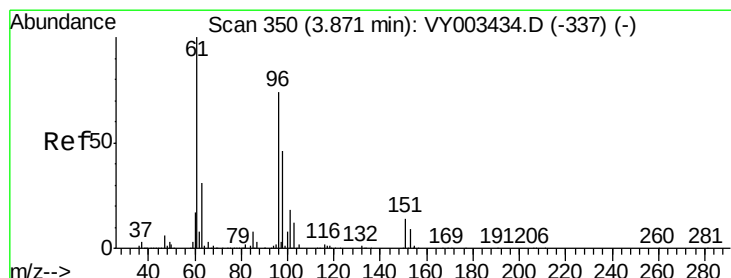
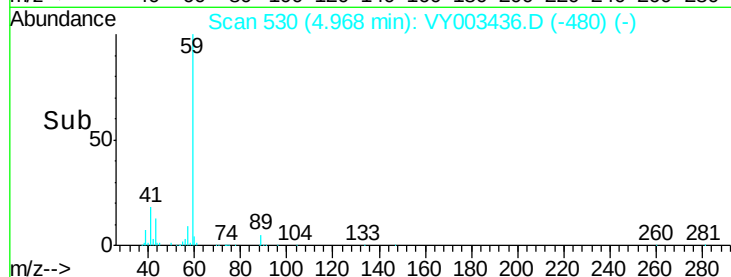
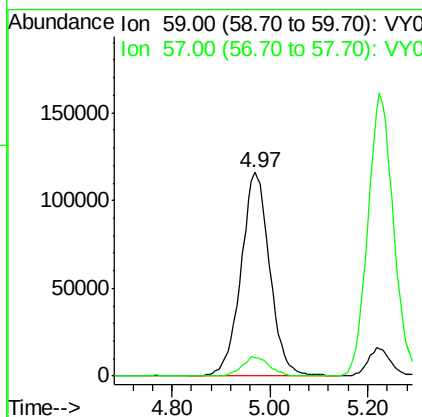
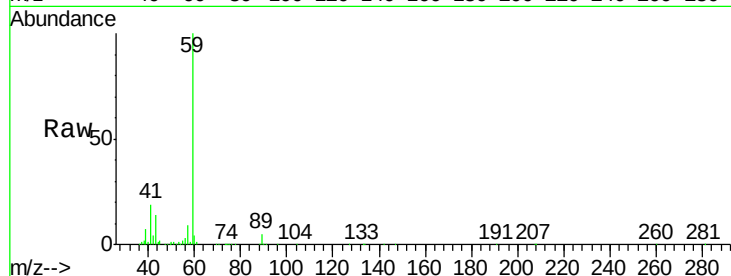




#11
Tert butyl alcohol
Concen: 439.794 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

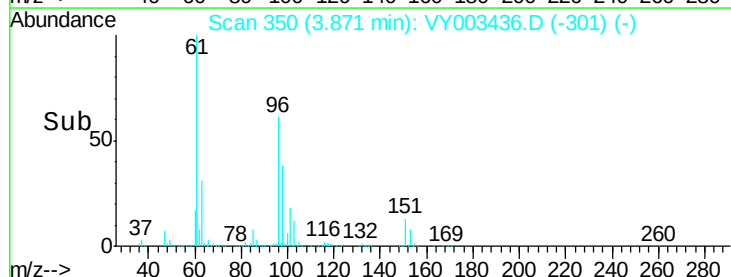
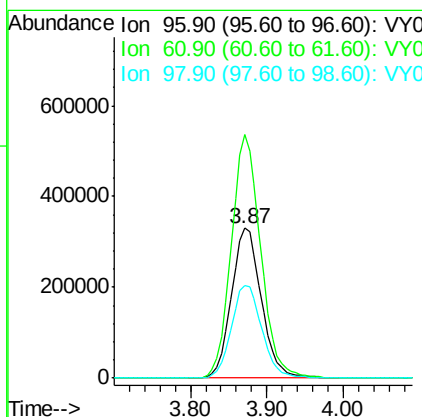
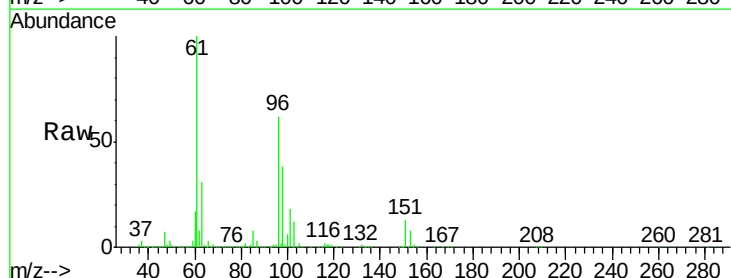
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

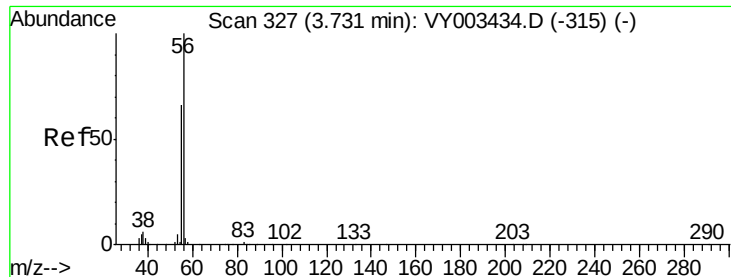
Tot Ion: 59 Resp: 470925
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 140.336 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 96 Resp: 894532
Ion Ratio Lower Upper
96 100
61 162.5 108.6 163.0
98 62.1 50.5 75.7





#13

Acrolein

Concen: 602.483 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

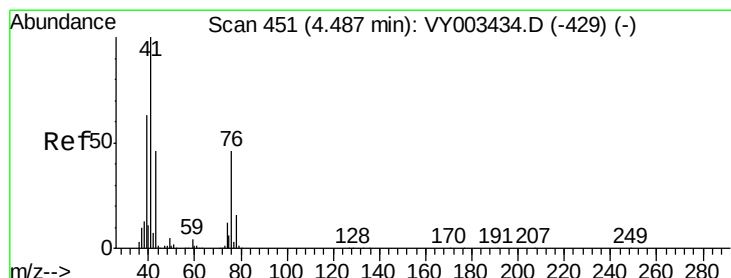
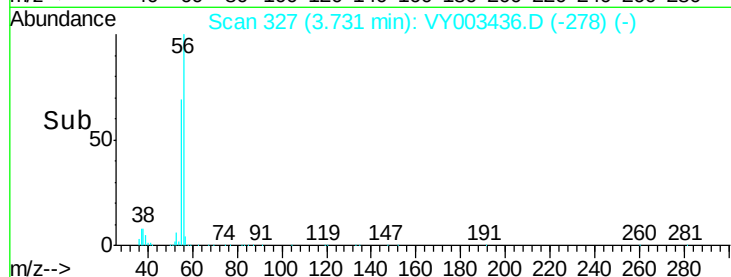
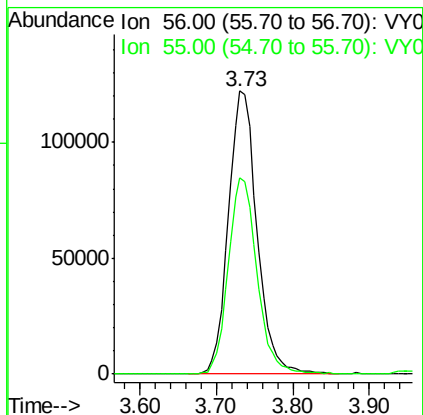
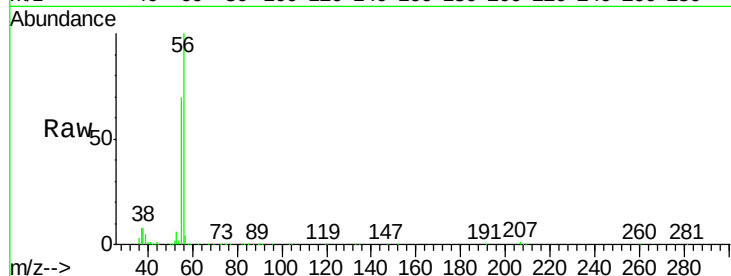
VSTDIC150

Tot Ion: 56 Resp: 316673

Ion Ratio Lower Upper

56 100

55 69.4 55.2 82.8



#14

Allyl chloride

Concen: 154.670 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

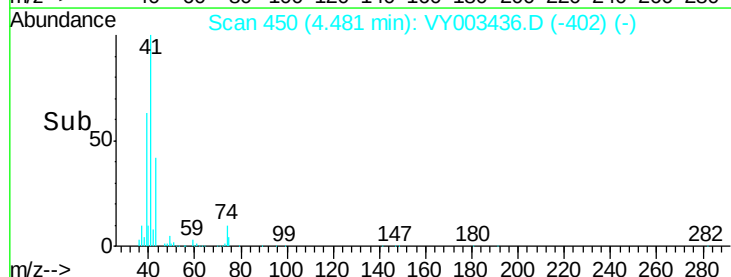
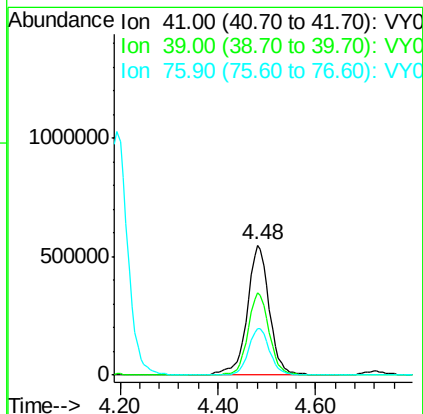
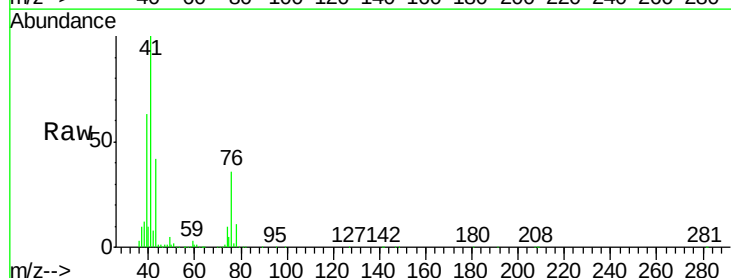
Tgt Ion: 41 Resp: 1711837

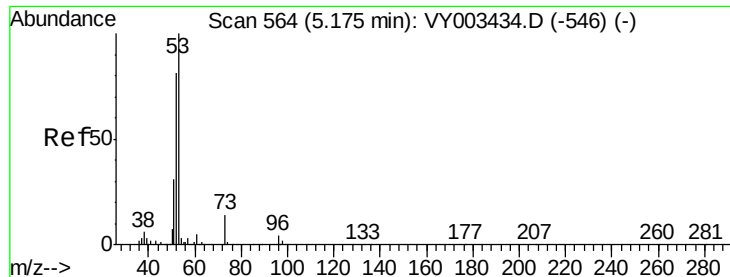
Ion Ratio Lower Upper

41 100

39 61.2 48.2 72.4

76 34.2 35.1 52.7#





#15

Acrylonitrile

Concen: 699.880 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

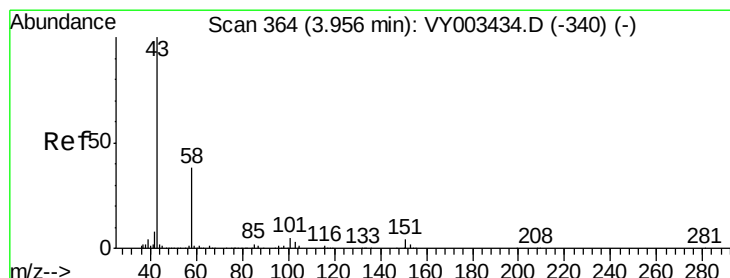
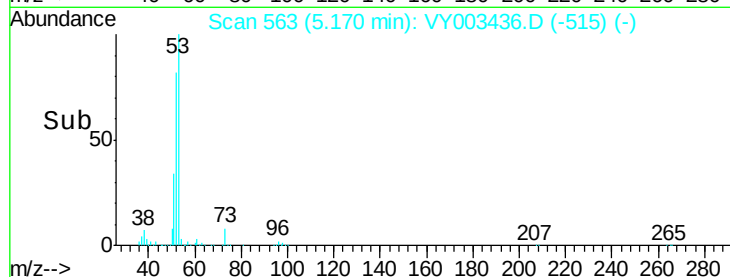
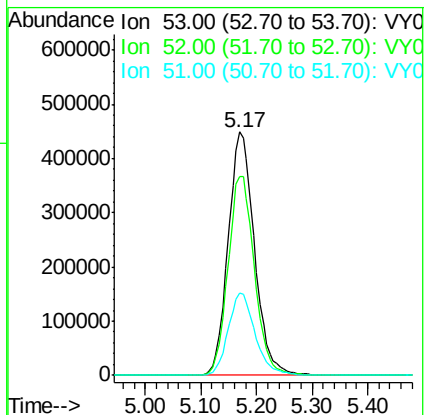
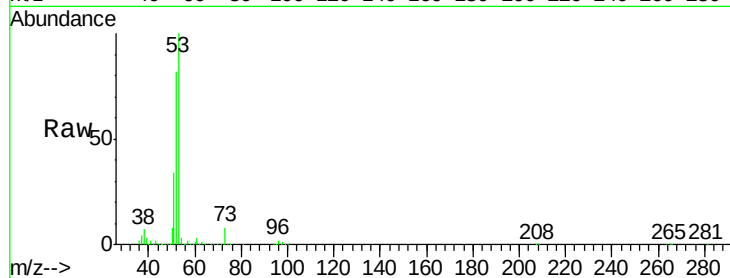
Tot Ion: 53 Resp: 1466460

Ion Ratio Lower Upper

53 100

52 82.1 64.5 96.7

51 34.9 26.6 39.8



#16

Acetone

Concen: 636.387 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY003436.D

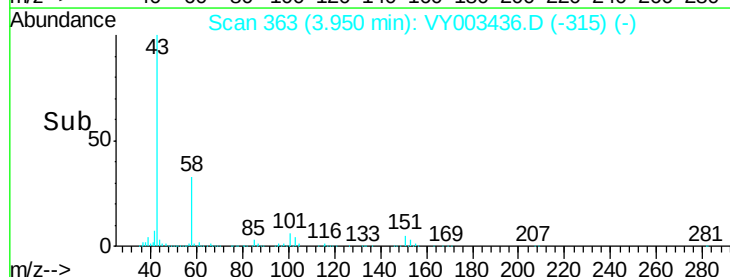
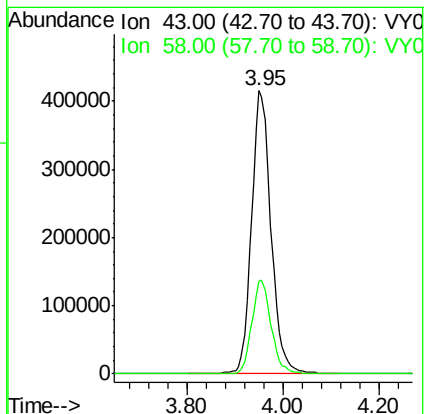
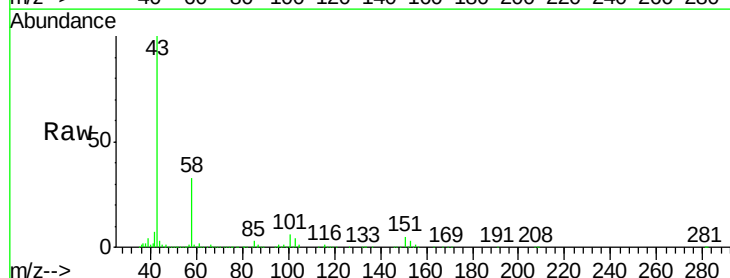
Acq: 04 Sep 2020 16:49

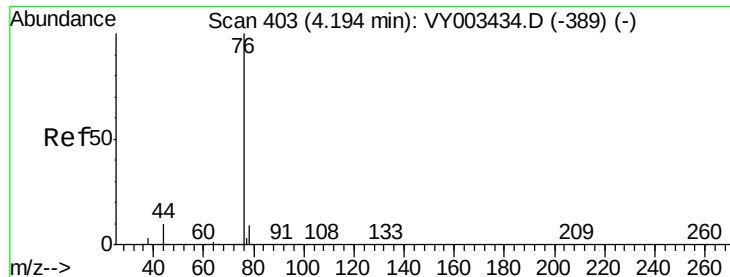
Tgt Ion: 43 Resp: 1168498

Ion Ratio Lower Upper

43 100

58 32.8 29.9 44.9





#17

Carbon Disulfide

Concen: 140.558 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

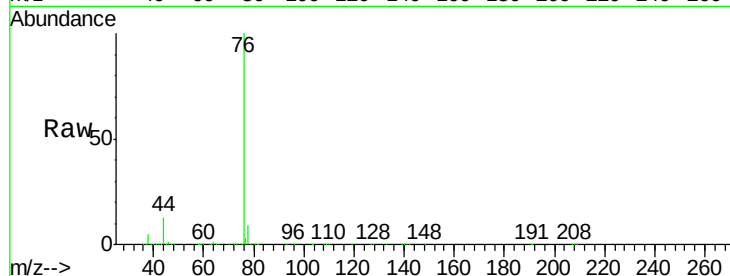
VSTDIC150

Tot Ion: 76 Resp: 2879326

Ion Ratio Lower Upper

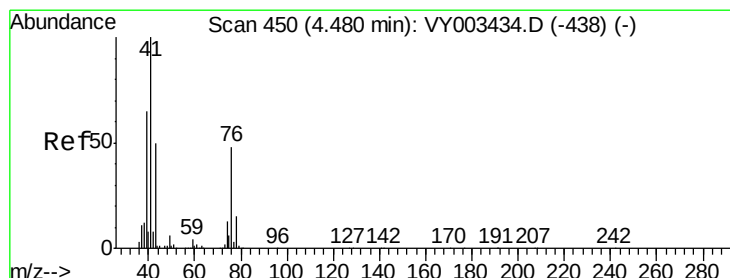
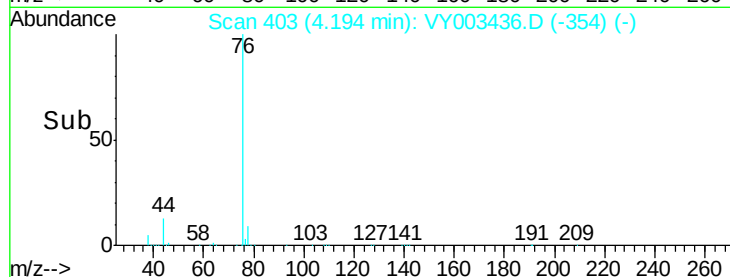
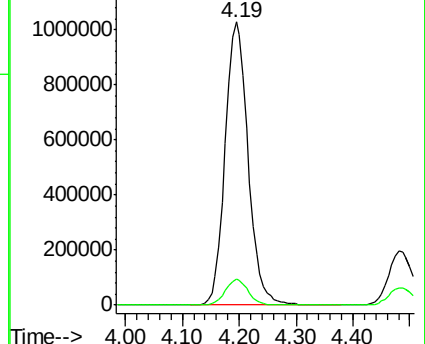
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 145.468 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003436.D

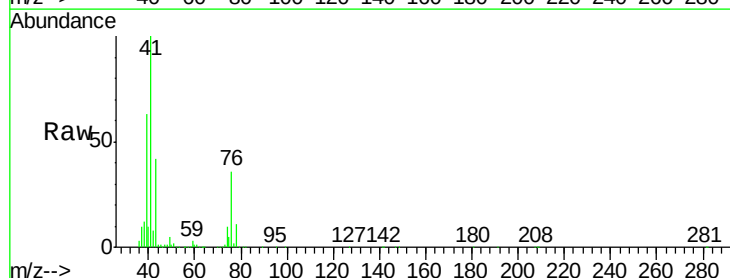
Acq: 04 Sep 2020 16:49

Tgt Ion: 43 Resp: 702796

Ion Ratio Lower Upper

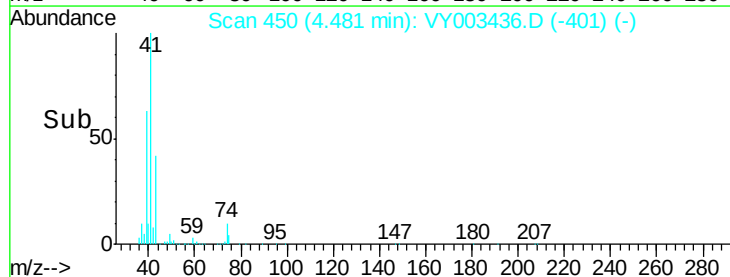
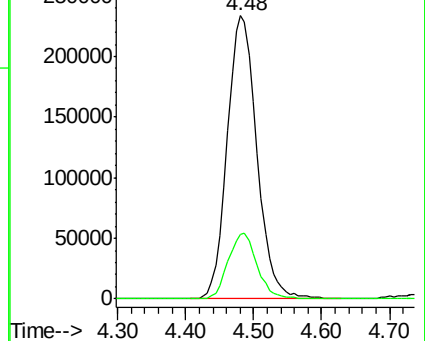
43 100

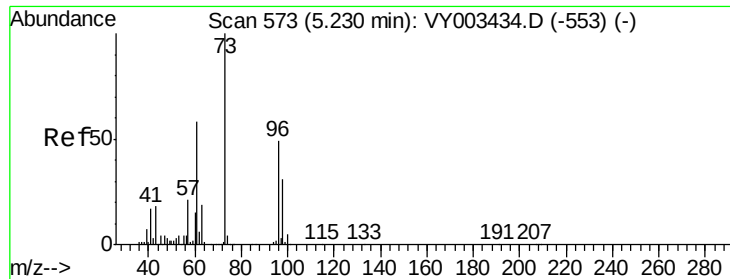
74 22.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



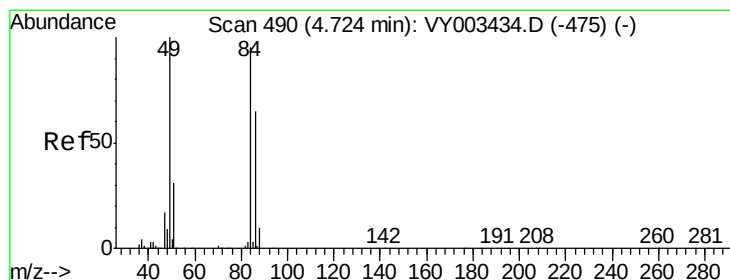
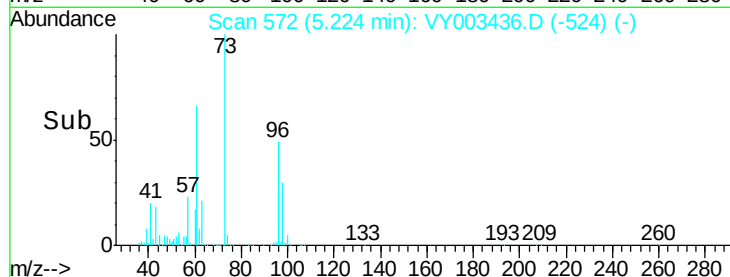
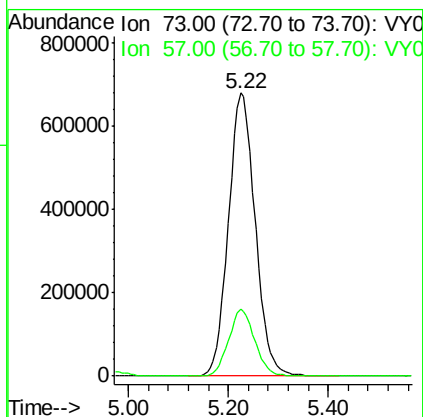
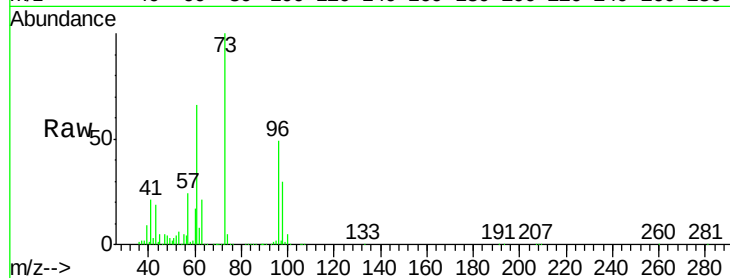


#19

Methyl tert-butyl Ether
 Concen: 146.946 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

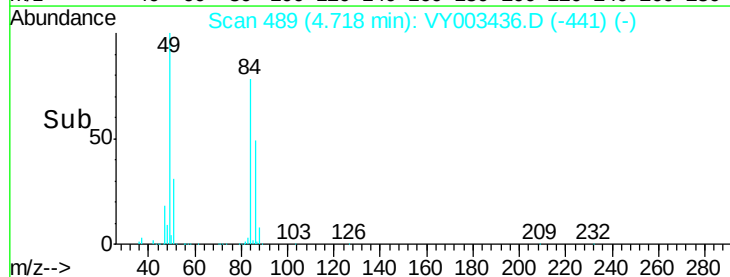
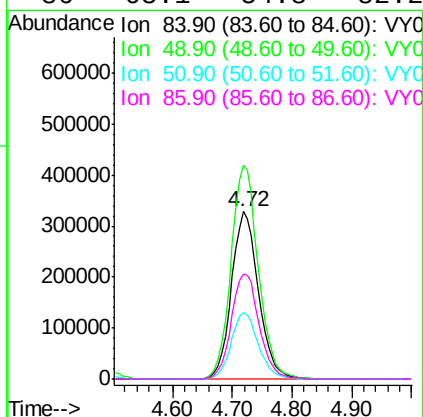
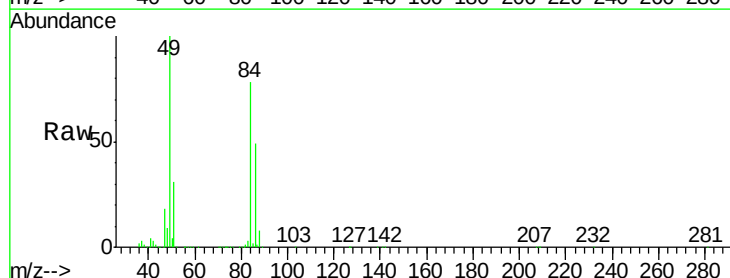
Tot Ion: 73 Resp: 2529670
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.0 25.6

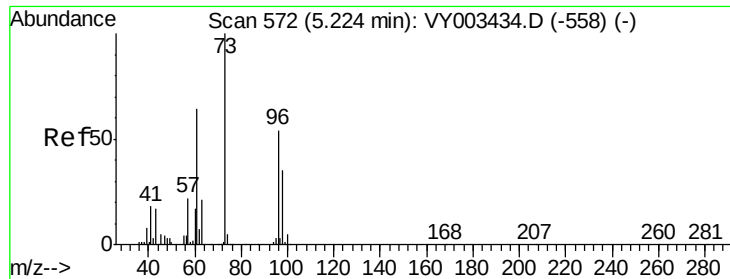


#20

Methylene Chloride
 Concen: 103.804 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Tgt Ion: 84 Resp: 1032523
 Ion Ratio Lower Upper
 84 100
 49 127.8 83.9 125.9#
 51 39.7 26.3 39.5#
 86 63.1 54.8 82.2





#21

trans-1,2-Dichloroethene

Concen: 141.916 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

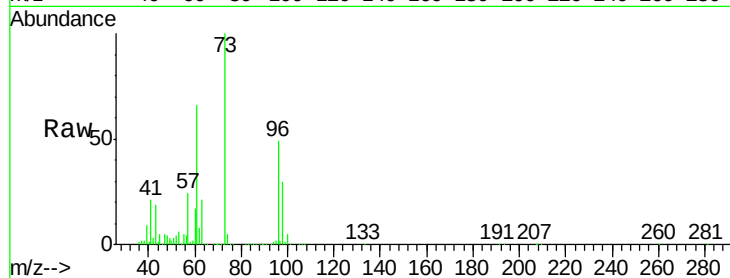
MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1033117

Ion	Ratio	Lower	Upper
96	100		
61	135.2	94.8	142.2
98	61.3	51.3	76.9

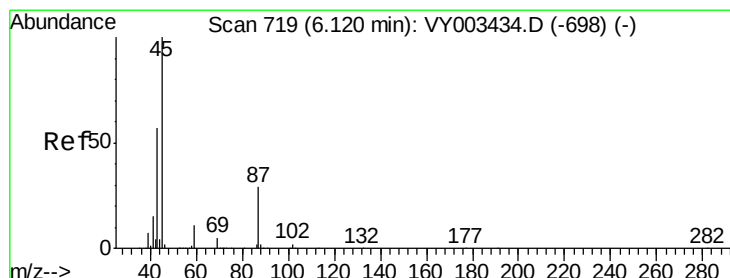
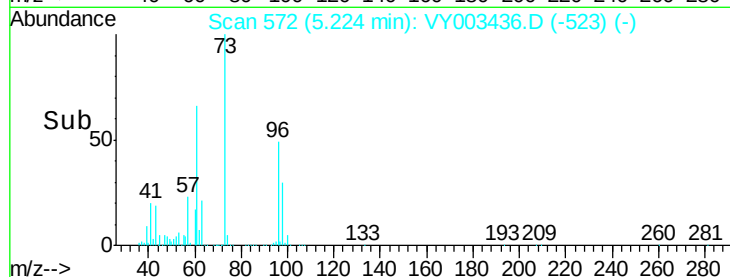
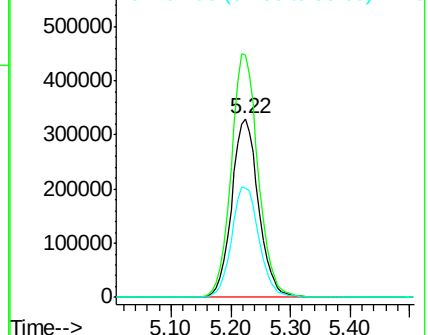


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 147.374 ug/l

RT: 6.13 min Scan# 720

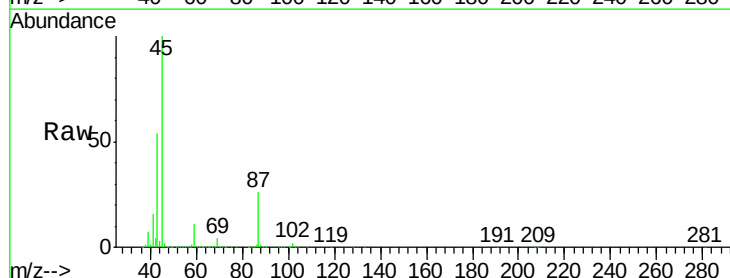
Delta R.T. 0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Tgt Ion: 45 Resp: 3353616

Ion	Ratio	Lower	Upper
45	100		
43	54.4	45.2	67.8
87	26.4	23.4	35.0
59	11.1	9.2	13.8



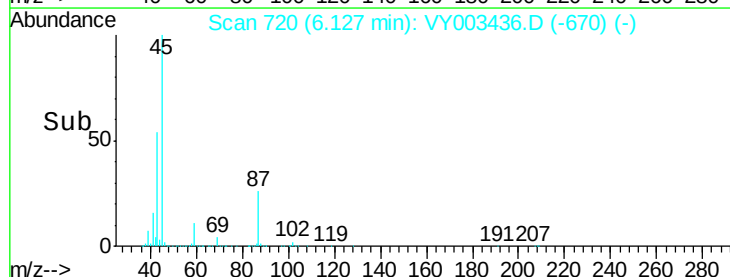
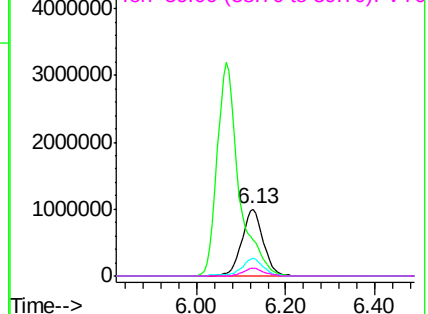
Abundance

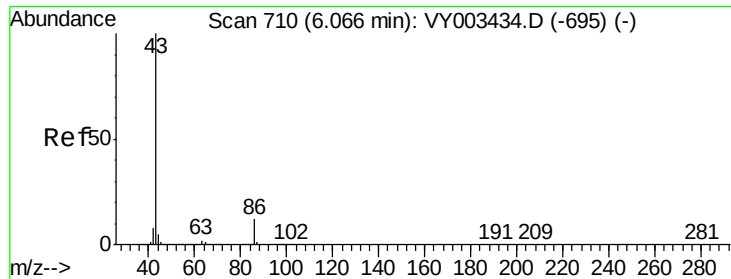
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 730.599 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

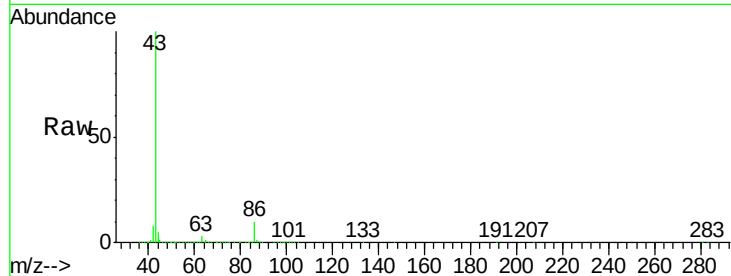
VSTDIC150

Tot Ion: 43 Resp:10802088

Ion Ratio Lower Upper

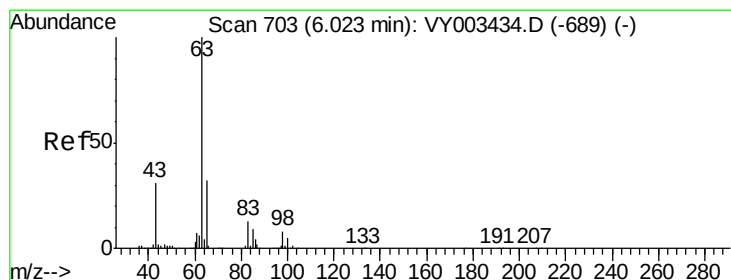
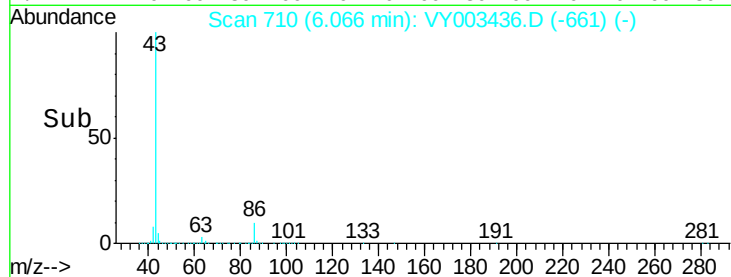
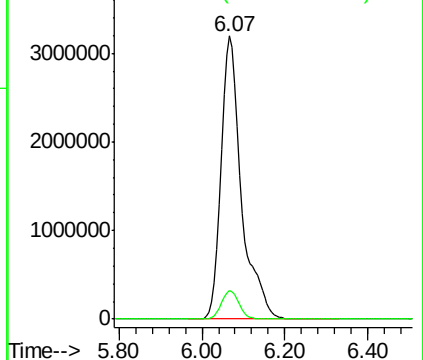
43 100

86 10.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 146.899 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

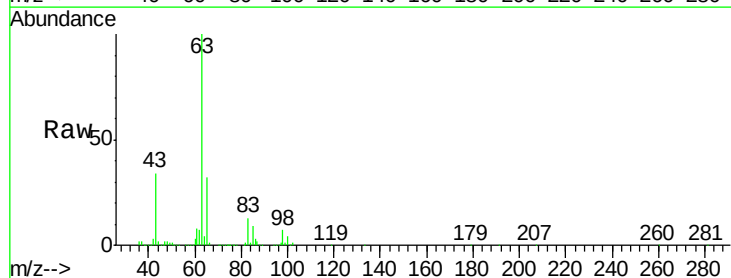
Tgt Ion: 63 Resp: 1817809

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

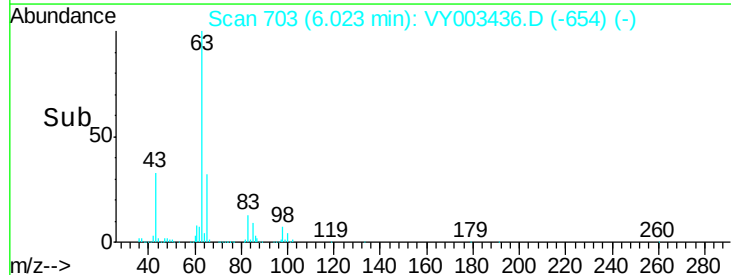
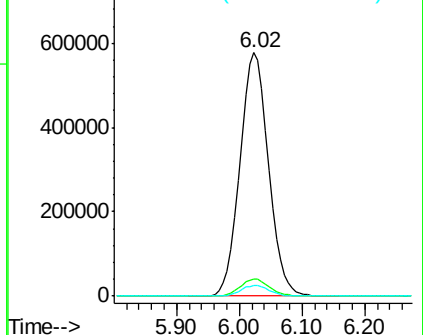
100 4.4 2.4 7.2

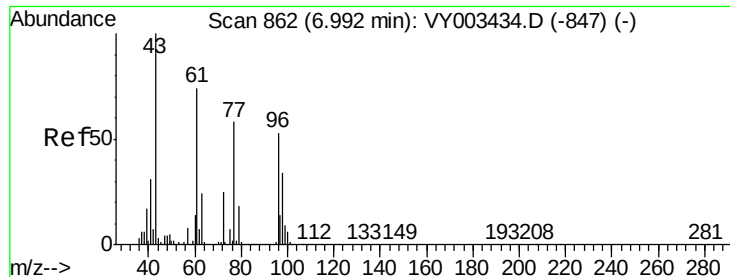


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

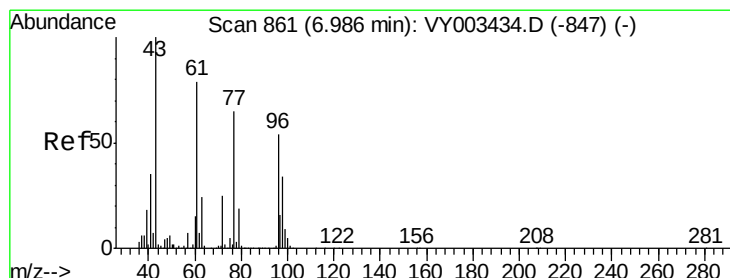
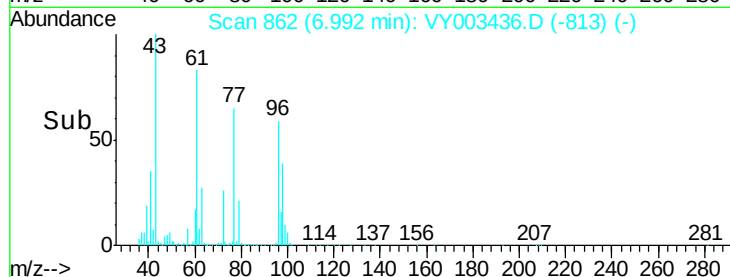
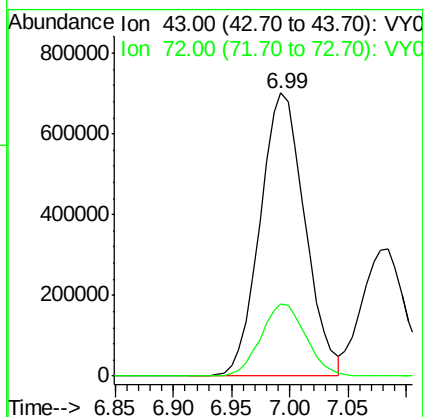
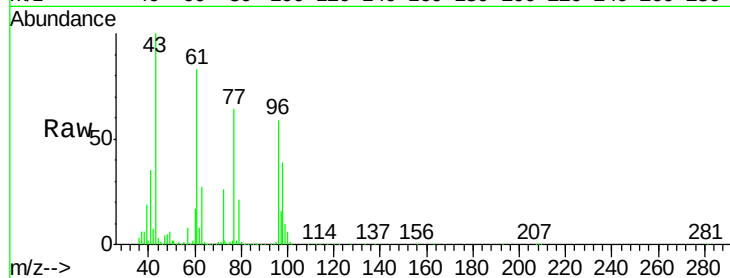




#25
2-Butanone
Concen: 638.652 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

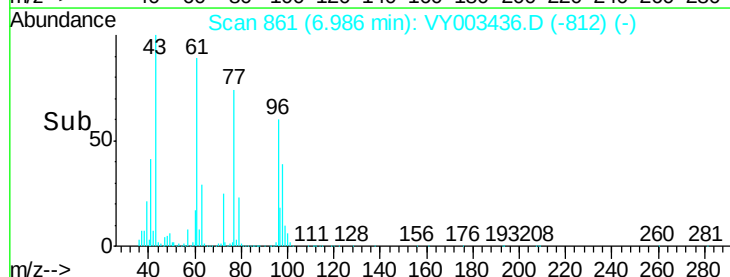
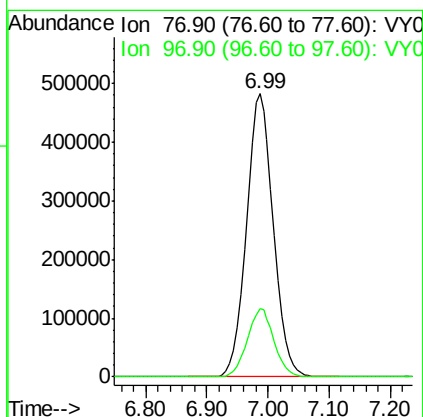
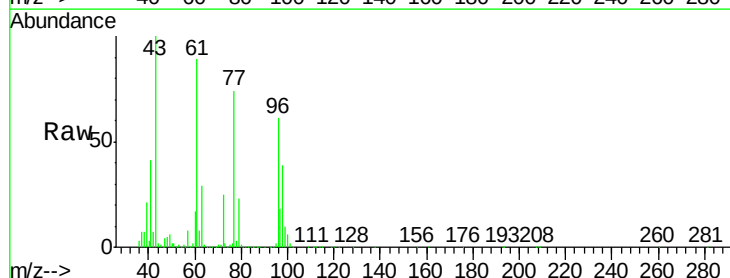
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

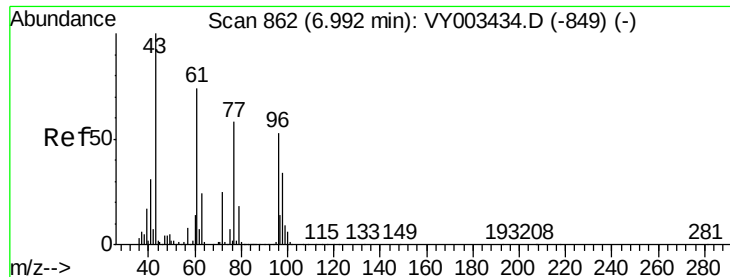
Tot Ion: 43 Resp: 1879374
Ion Ratio Lower Upper
43 100
72 25.5 19.8 29.6



#26
2,2-Dichloropropane
Concen: 137.610 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 77 Resp: 1471353
Ion Ratio Lower Upper
77 100
97 23.9 12.1 36.3



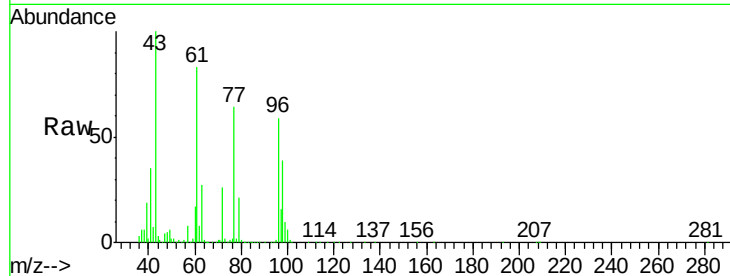


#27

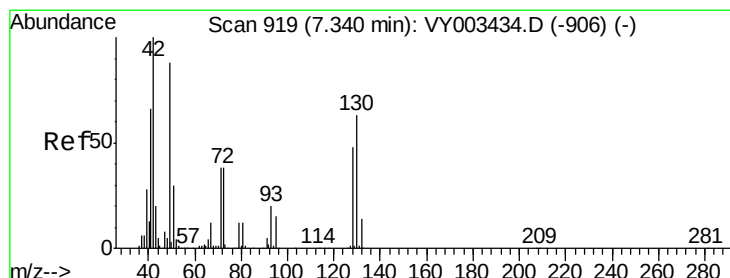
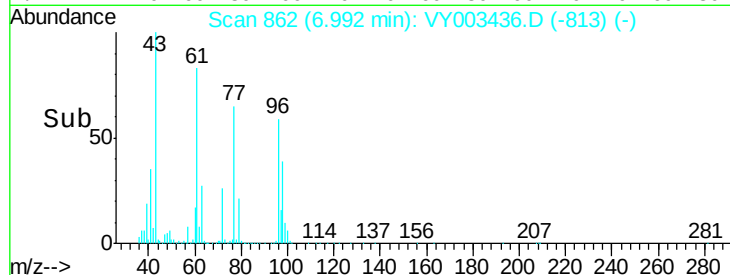
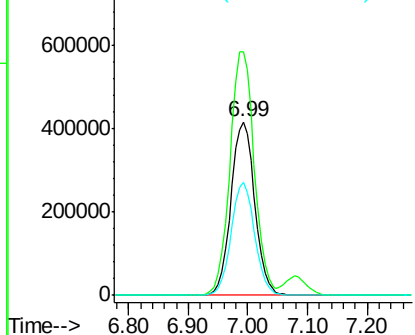
cis-1,2-Dichloroethene
Concen: 141.872 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 1152956
Ion Ratio Lower Upper
96 100
61 143.5 0.0 285.0
98 64.5 0.0 128.6



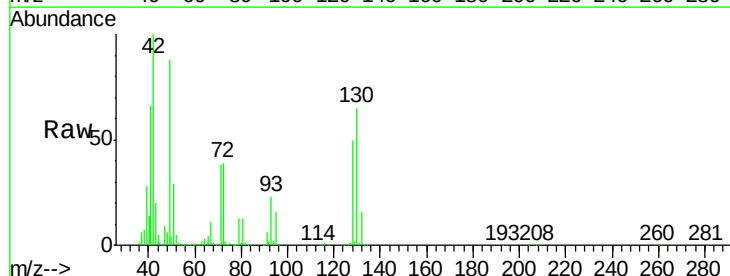
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



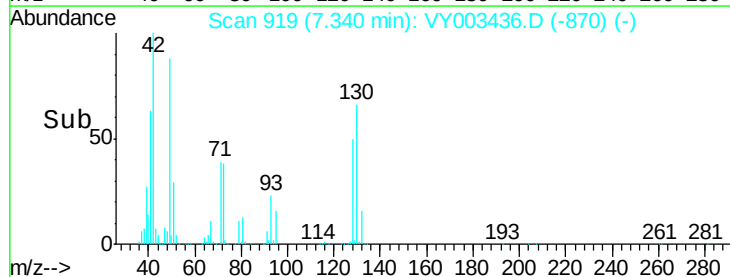
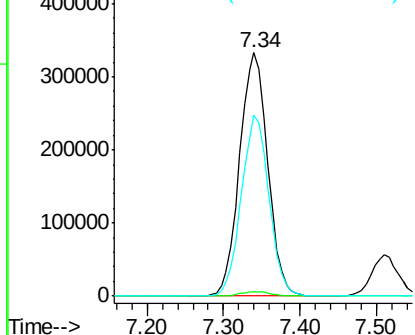
#28

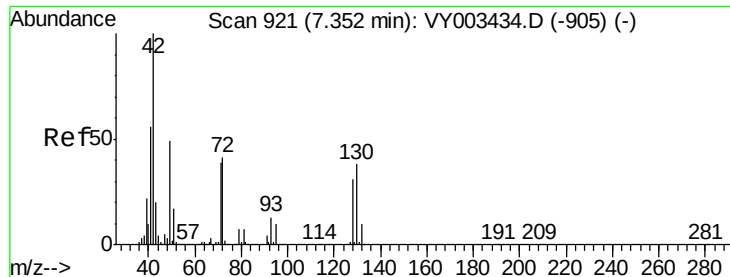
Bromochloromethane
Concen: 136.907 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 49 Resp: 850610
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 73.1 57.8 86.8



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 650.169 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

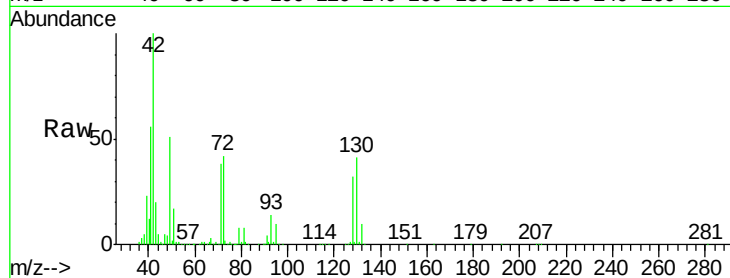
Tot Ion: 42 Resp: 1254896

Ion Ratio Lower Upper

42 100

72 40.9 32.4 48.6

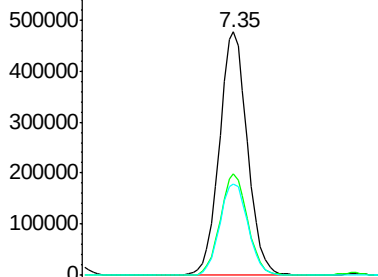
71 38.2 30.7 46.1



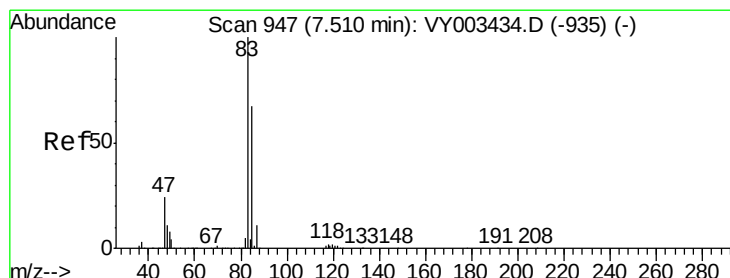
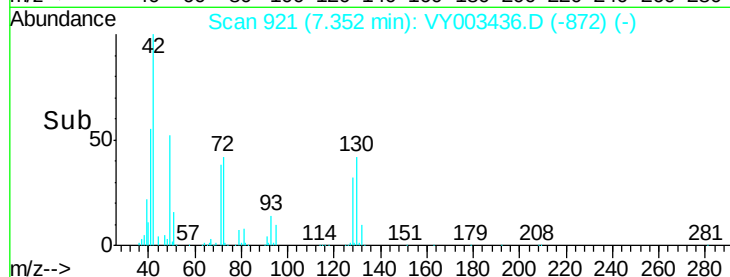
Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



Time-->



#30

Chloroform

Concen: 144.222 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003436.D

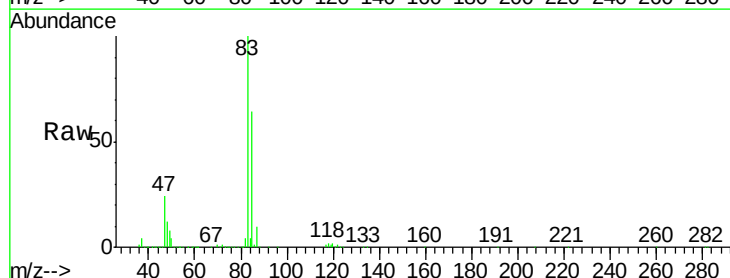
Acq: 04 Sep 2020 16:49

Tgt Ion: 83 Resp: 1757620

Ion Ratio Lower Upper

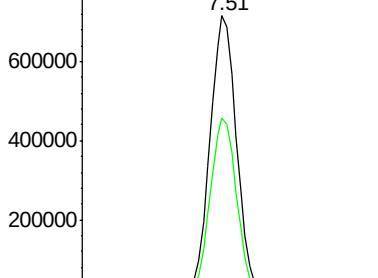
83 100

85 63.9 53.5 80.3

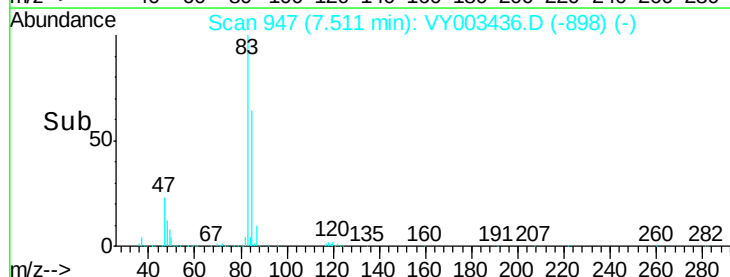


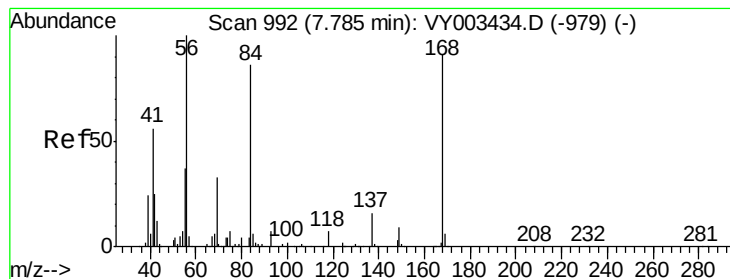
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0



Time-->





#31

Cyclohexane

Concen: 131.371 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

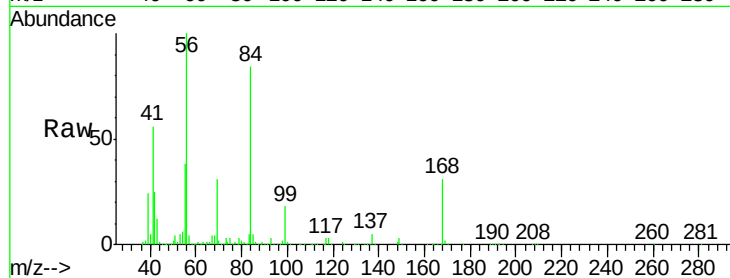
Tot Ion: 56 Resp: 1741671

Ion Ratio Lower Upper

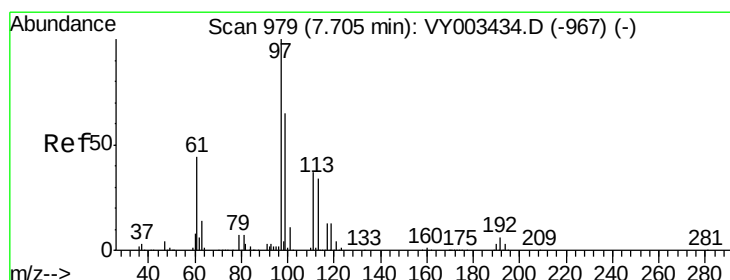
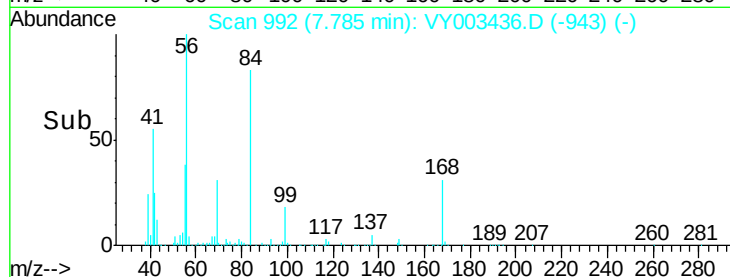
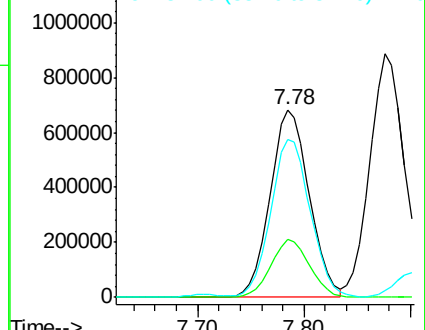
56 100

69 30.6 26.0 39.0

84 82.7 68.7 103.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 145.129 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

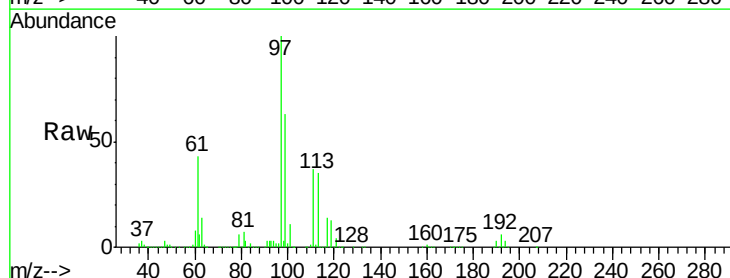
Tgt Ion: 97 Resp: 1503697

Ion Ratio Lower Upper

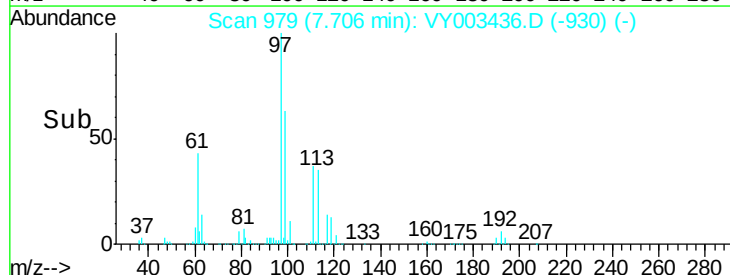
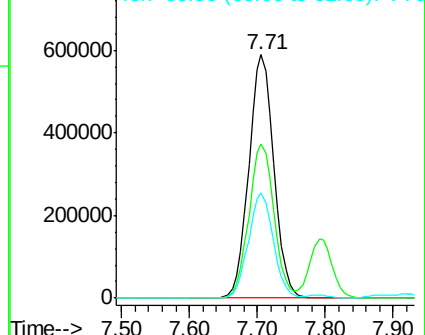
97 100

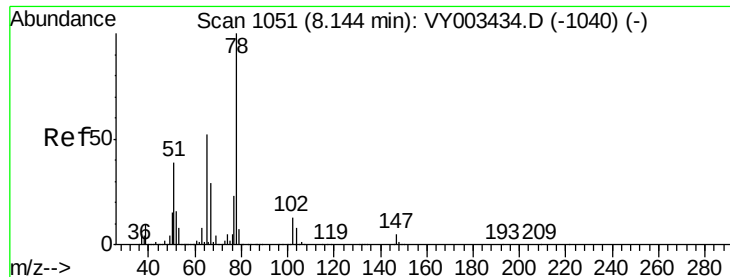
99 63.8 51.6 77.4

61 43.1 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

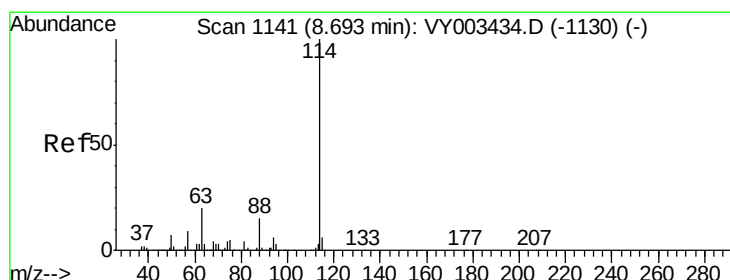
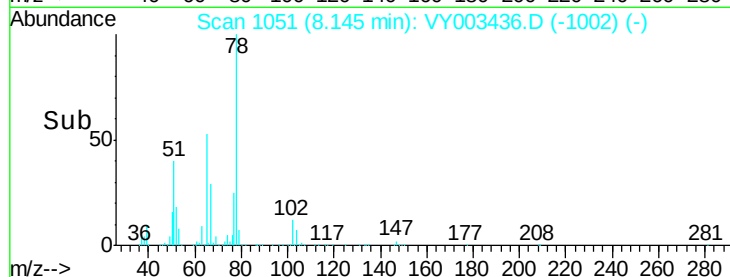
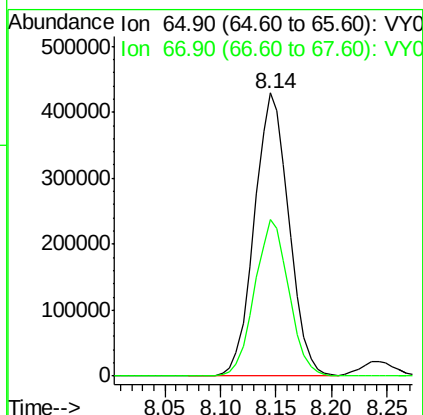
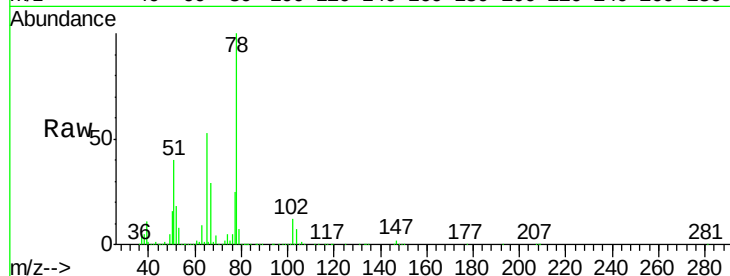




#33
 1,2-Dichloroethane-d4
 Concen: 145.661 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

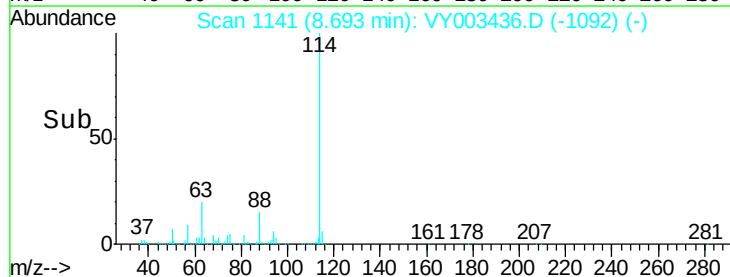
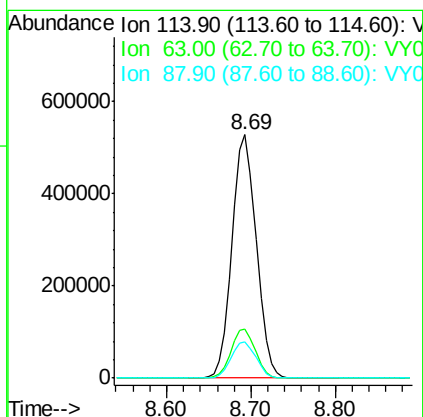
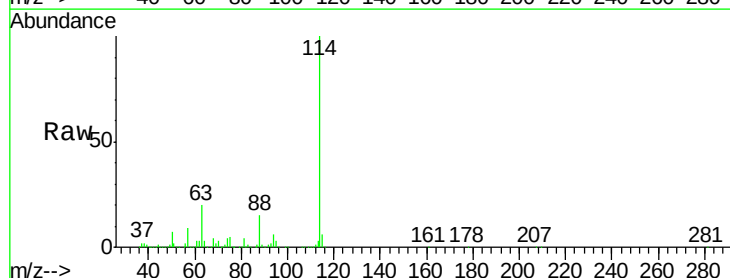
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

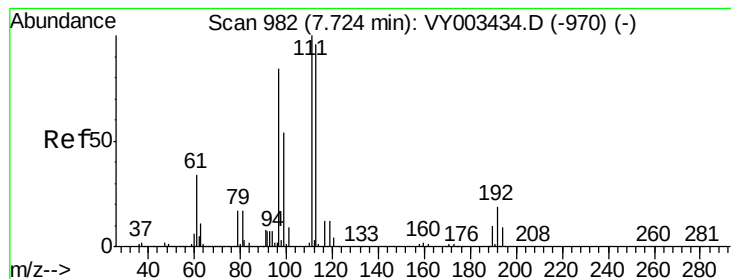
Tot Ion: 65 Resp: 925638
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Tgt Ion: 114 Resp: 1030402
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 150.328 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

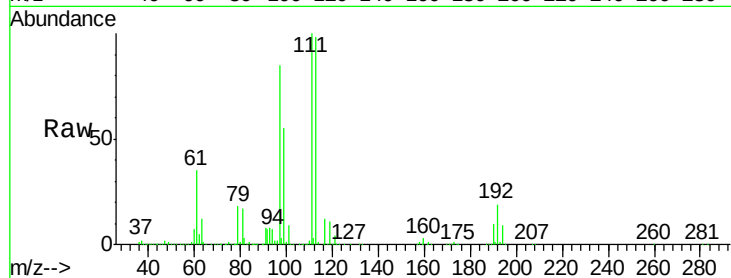
Tot Ion:113 Resp: 894682

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

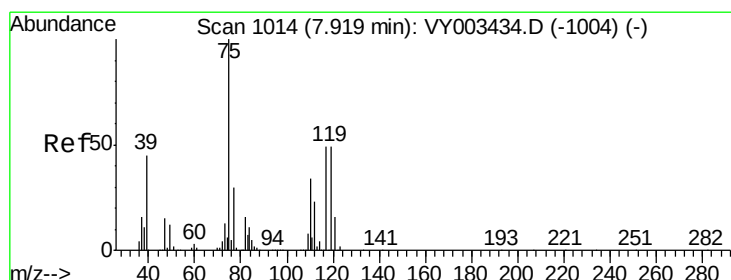
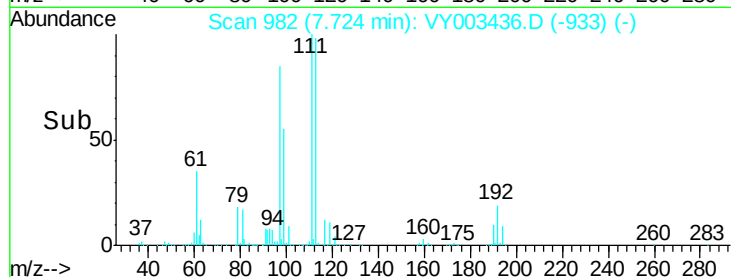
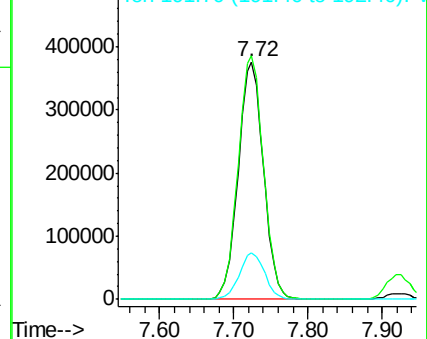
192 19.6 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 139.641 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

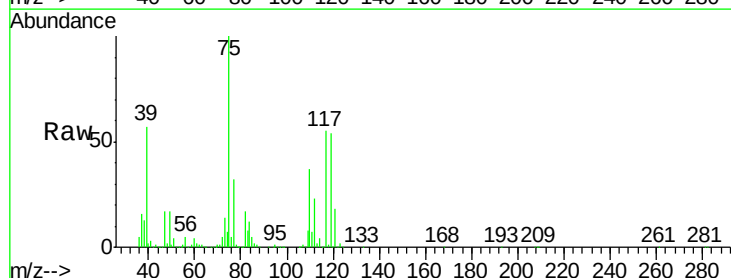
Tgt Ion: 75 Resp: 1409310

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

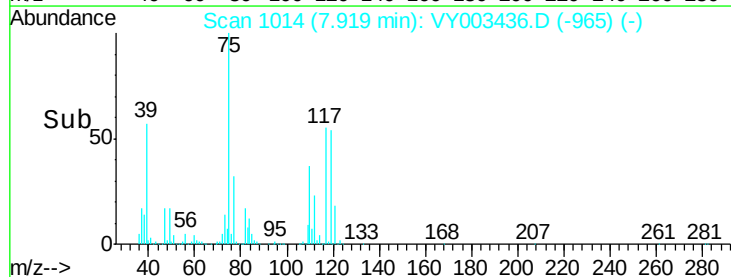
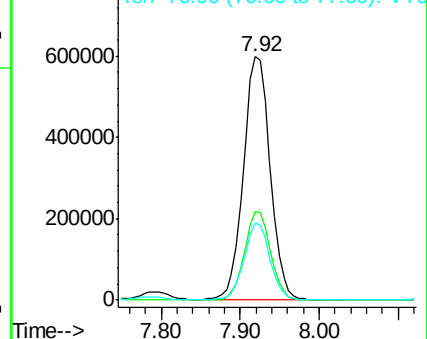
77 31.0 24.4 36.6

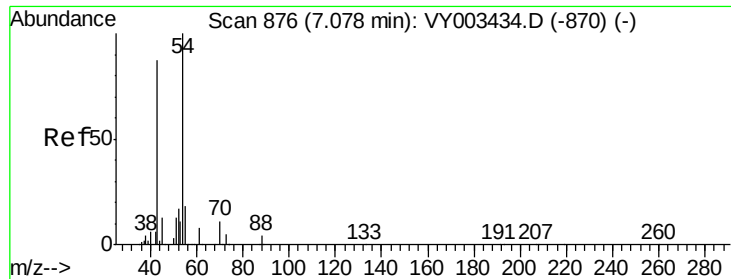


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

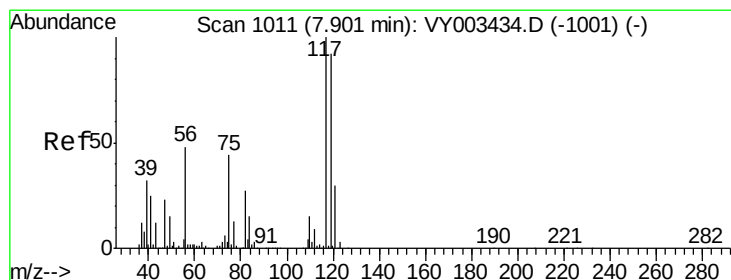
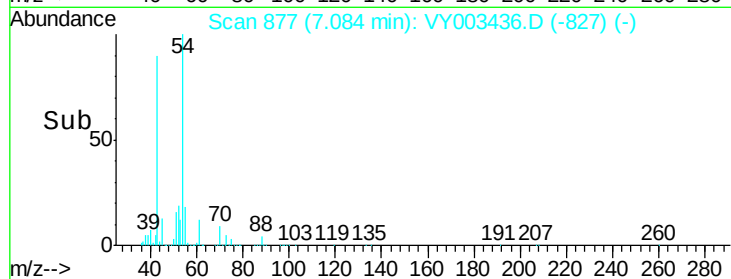
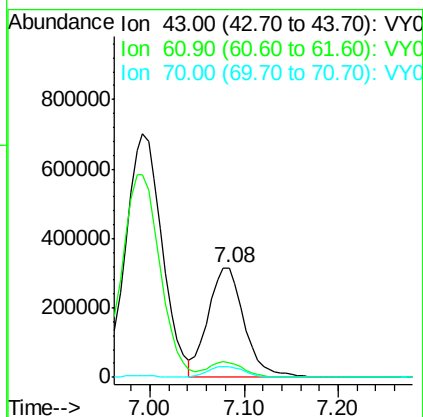
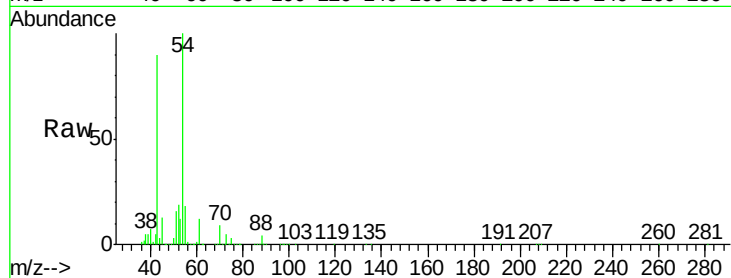




#37
Ethyl Acetate
Concen: 130.060 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

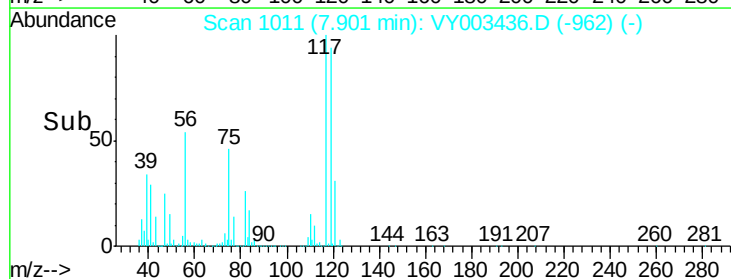
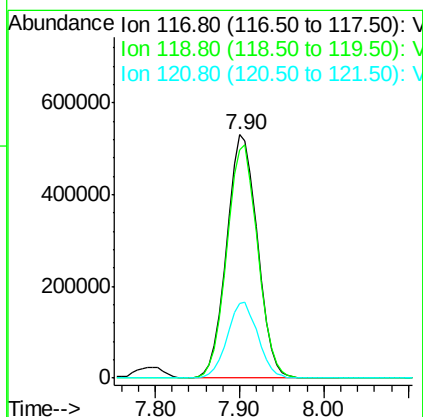
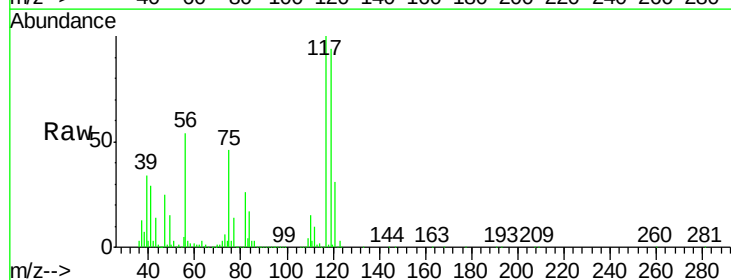
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

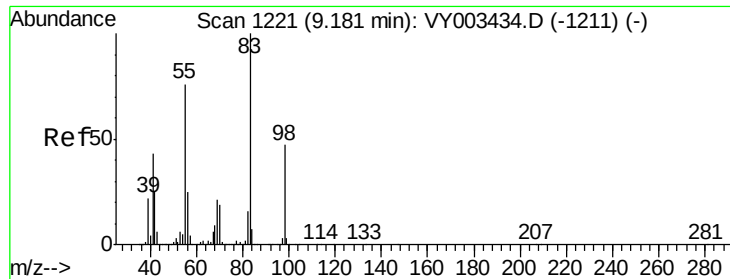
Tot Ion: 43 Resp: 835910
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 142.864 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 117 Resp: 1314515
Ion Ratio Lower Upper
117 100
119 93.8 73.4 110.2
121 30.6 24.0 36.0



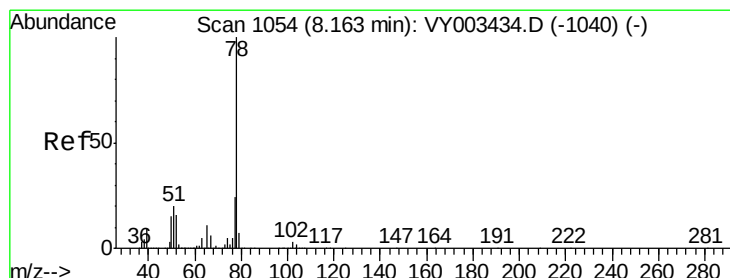
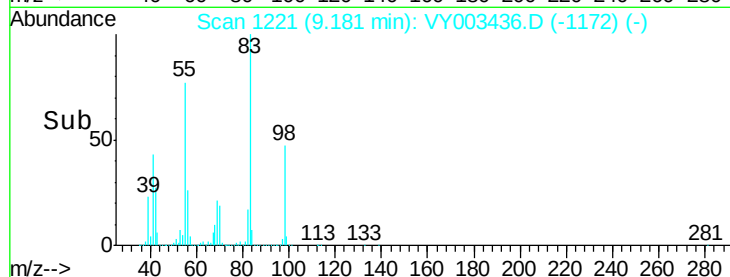
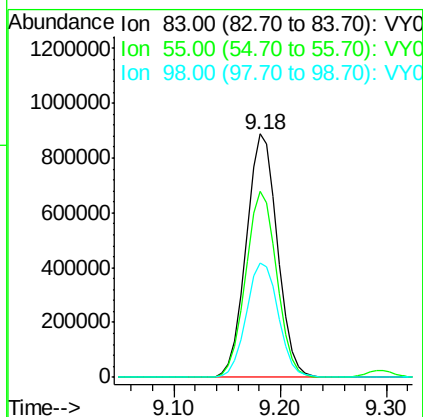
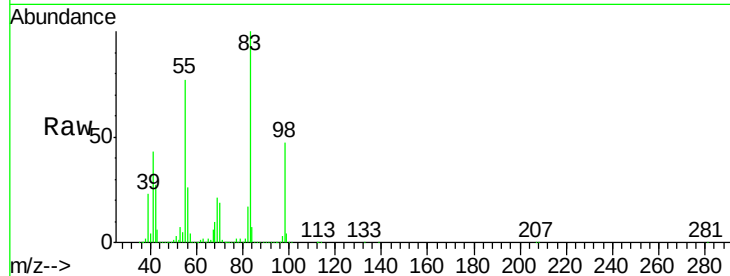


#39
Methylvlcyclohexane
Concen: 139.815 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1824844

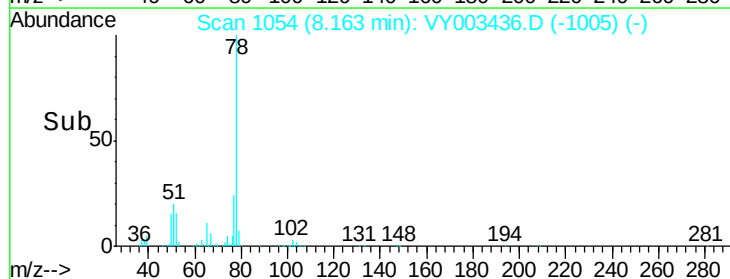
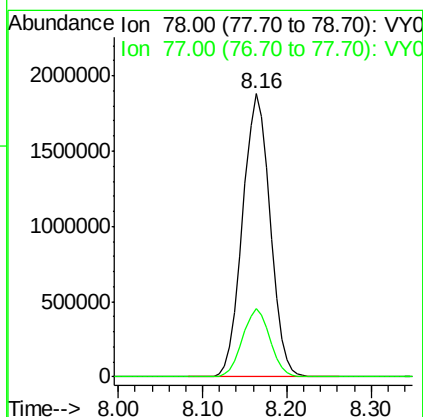
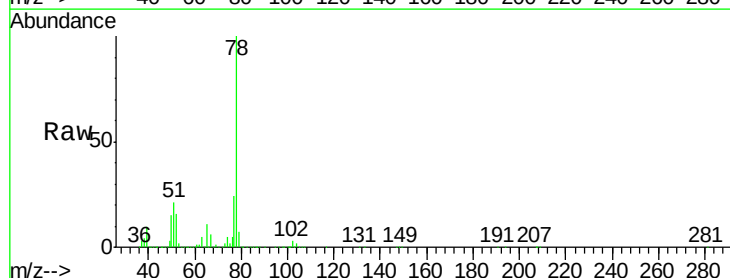
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.0	91.4
98	47.2	37.3	55.9

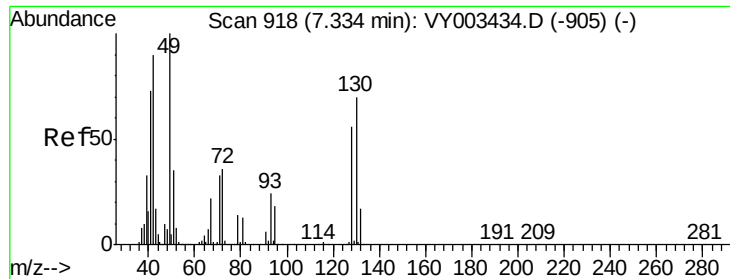


#40
Benzene
Concen: 138.151 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 78 Resp: 4157099

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7

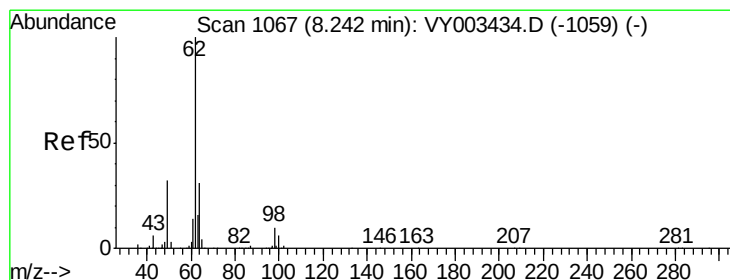
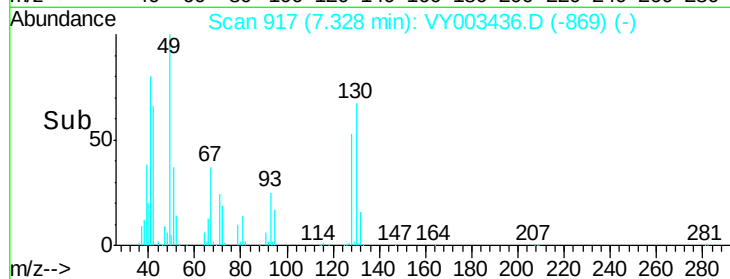
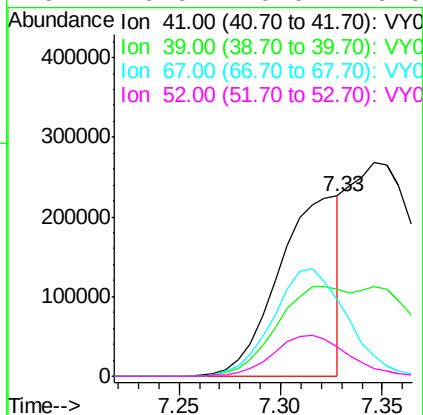
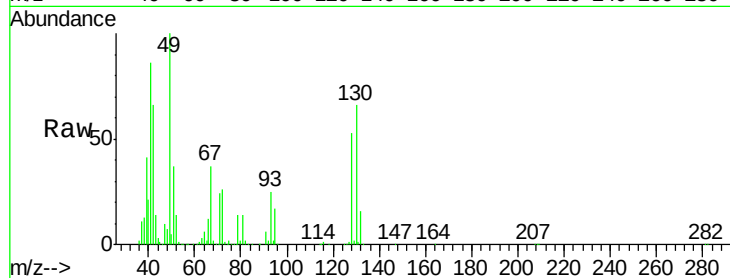




#41
Methacrylonitrile
Concen: 133.647 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

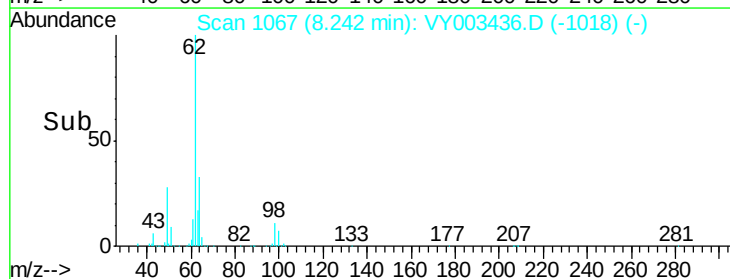
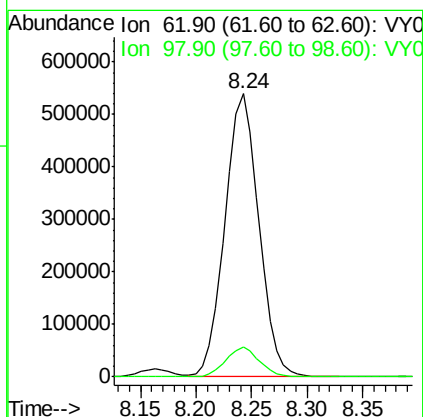
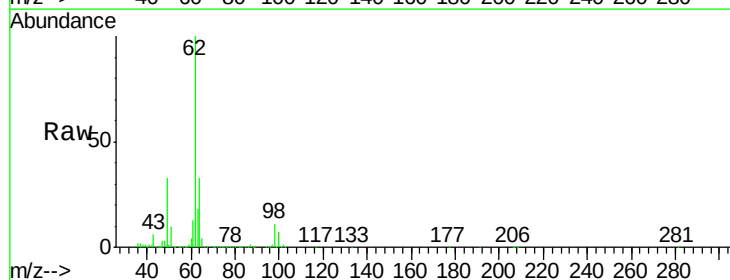
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

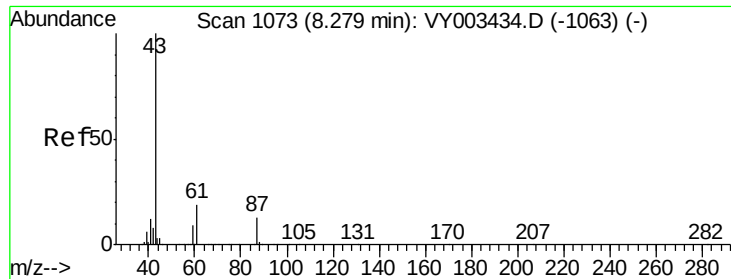
Tot Ion:	41	Resp:	474712
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 141.696 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion:	62	Resp:	1139706
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4

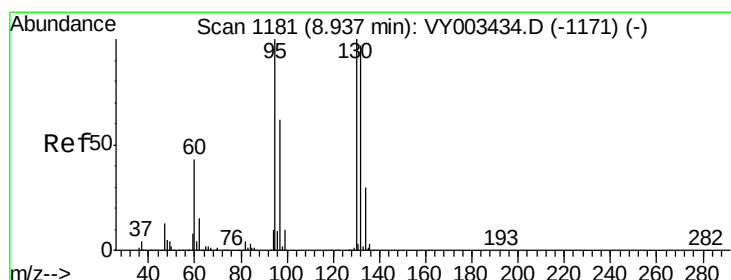
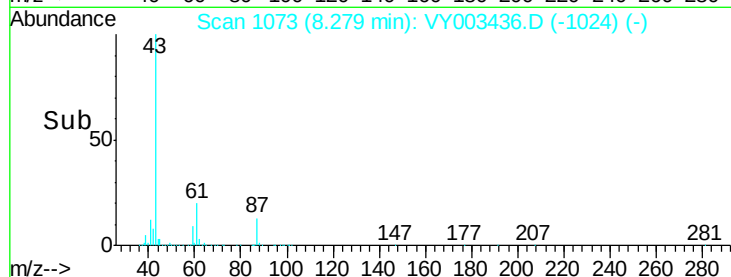
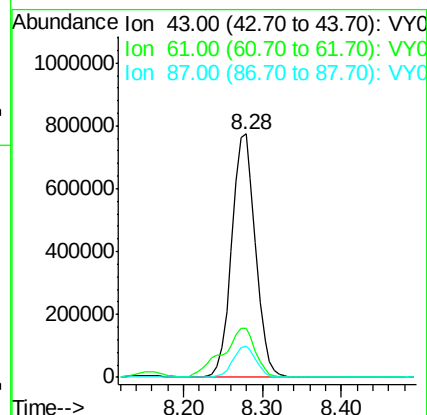
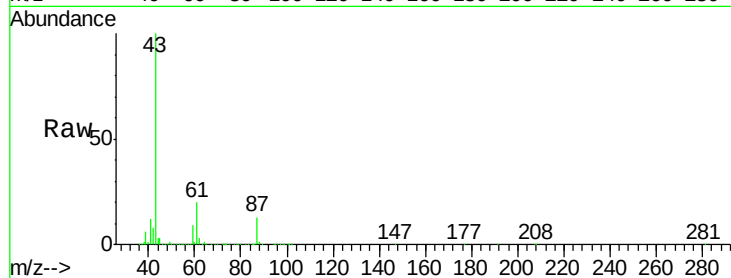




#43
Isopropyl Acetate
Concen: 138.812 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

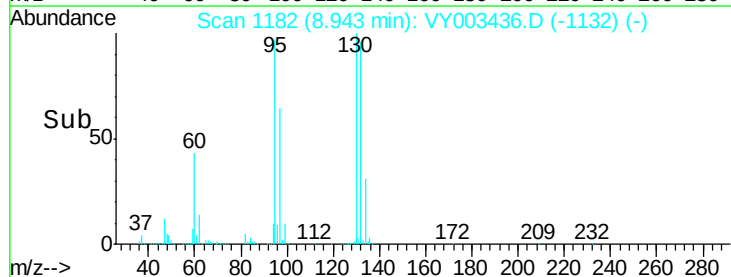
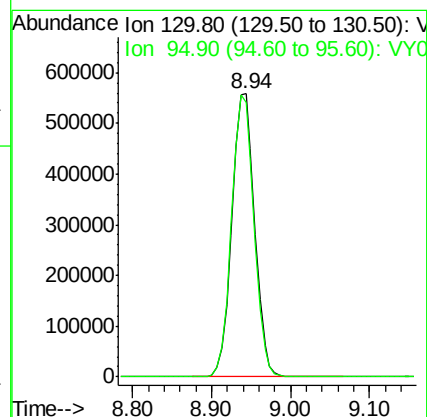
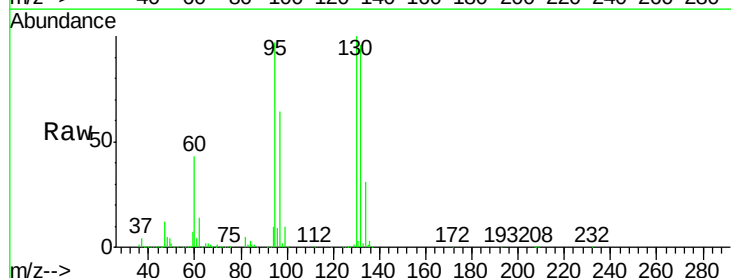
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

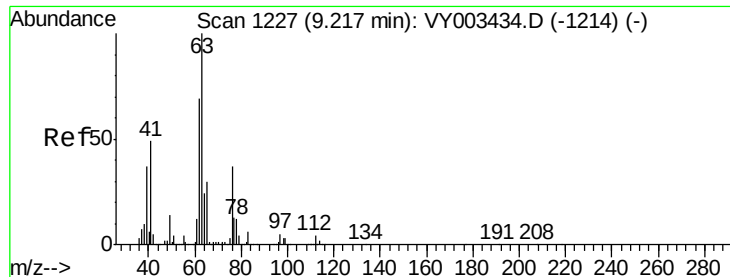
Tot Ion: 43 Resp: 1612254
Ion Ratio Lower Upper
43 100
61 28.3 22.8 34.2
87 12.6 10.4 15.6



#44
Trichloroethene
Concen: 138.789 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion:130 Resp: 1117888
Ion Ratio Lower Upper
130 100
95 96.8 0.0 199.4





#45

1,2-Dichloropropane

Concen: 140.586 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

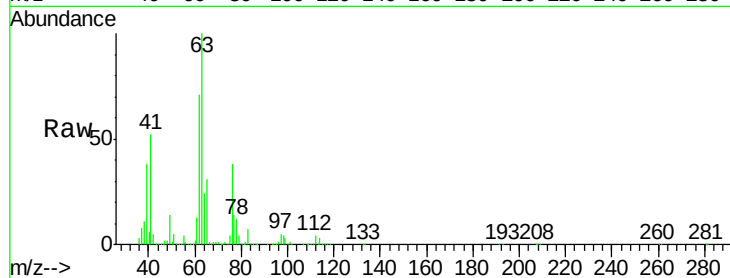
VSTDIC150

Tot Ion: 63 Resp: 1090534

Ion Ratio Lower Upper

63 100

65 31.5 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

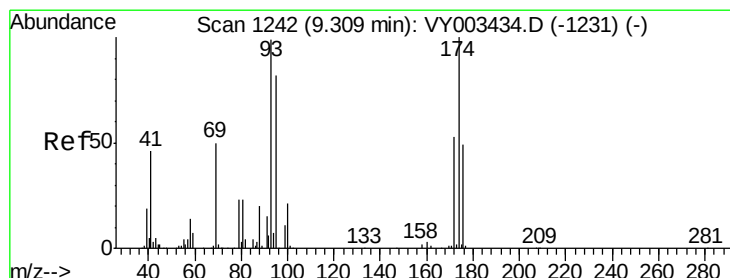
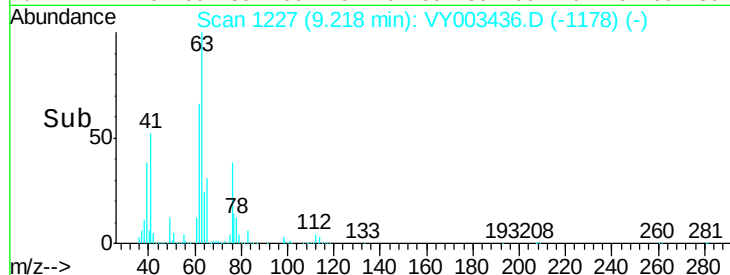
600000

400000

200000

0

Time-->



#46

Dibromomethane

Concen: 137.342 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

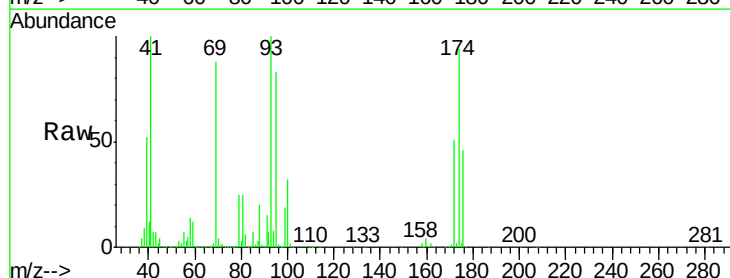
Tgt Ion: 93 Resp: 558179

Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 99.4 80.4 120.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

400000

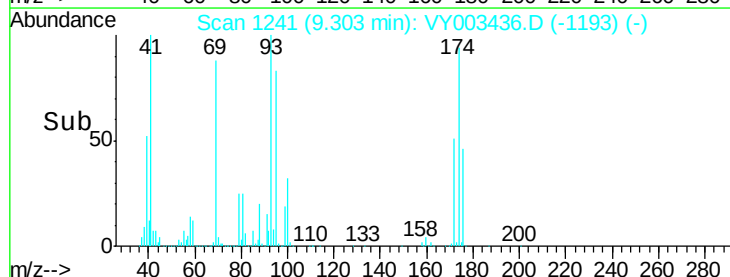
300000

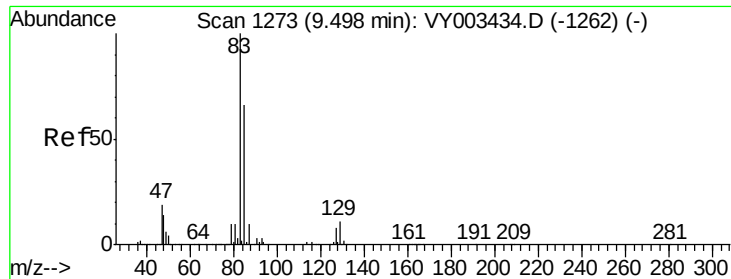
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 146.367 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

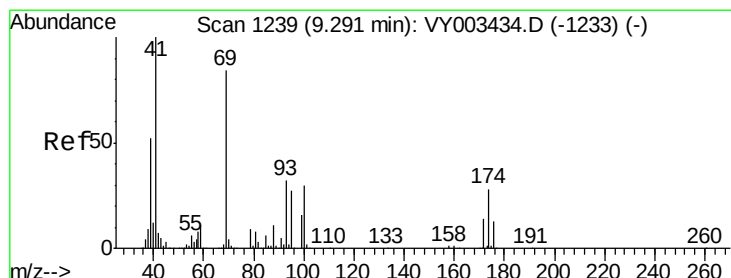
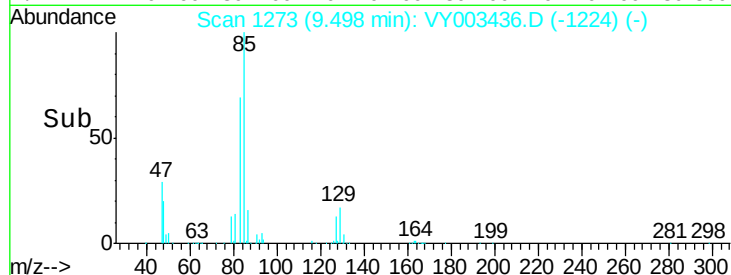
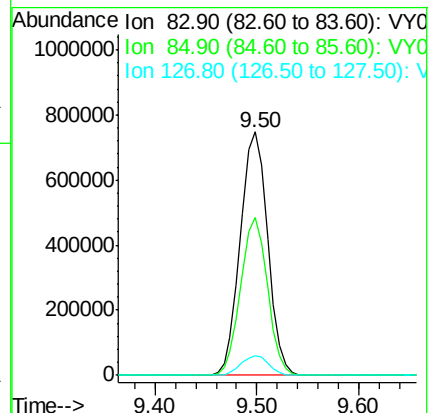
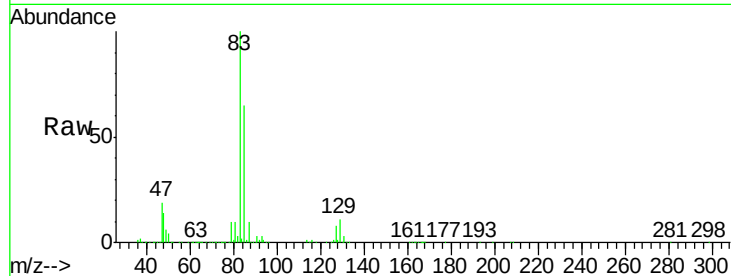
Tot Ion: 83 Resp: 1389723

Ion Ratio Lower Upper

83 100

85 64.7 52.6 79.0

127 8.1 6.5 9.7



#48

Methyl methacrylate

Concen: 140.458 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

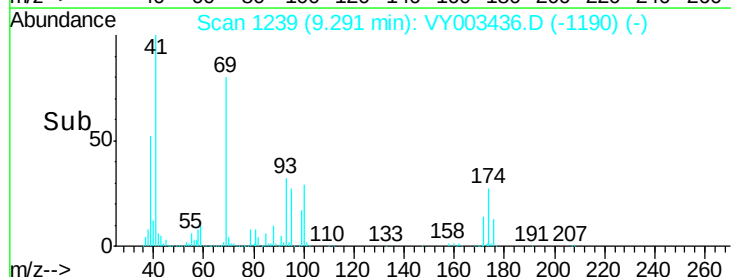
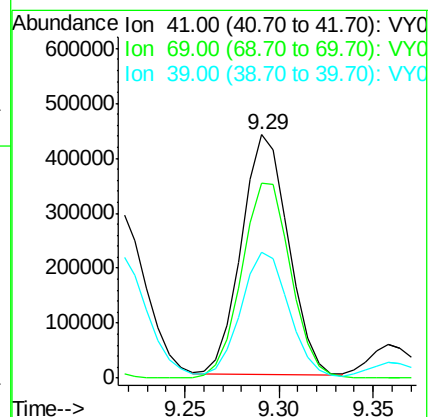
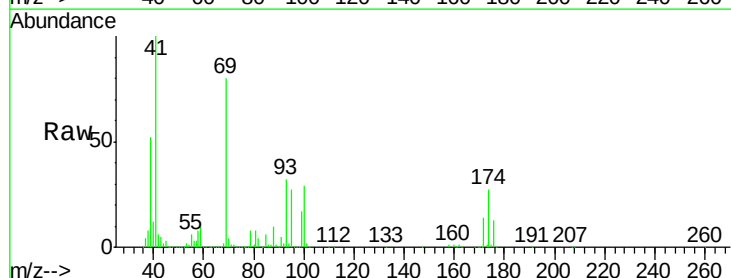
Tgt Ion: 41 Resp: 755191

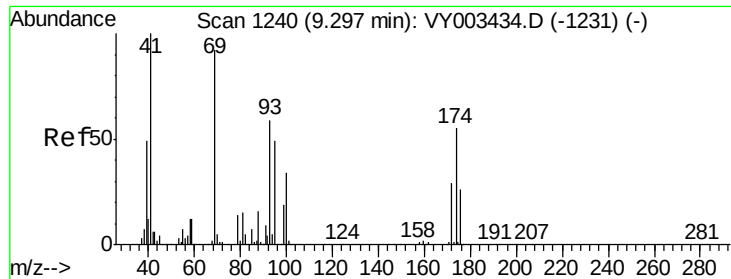
Ion Ratio Lower Upper

41 100

69 84.9 68.8 103.2

39 54.2 43.0 64.4

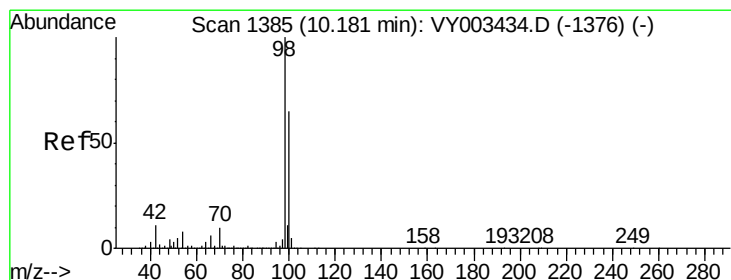
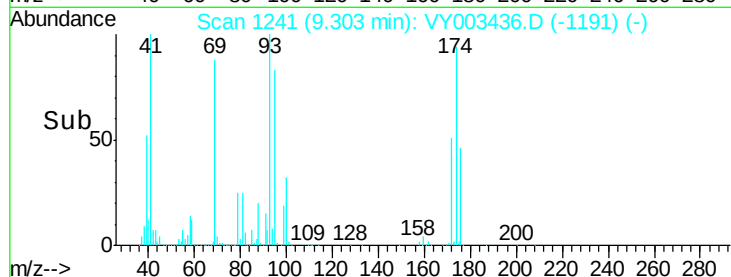
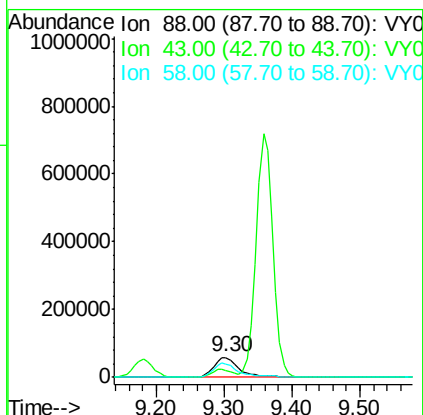
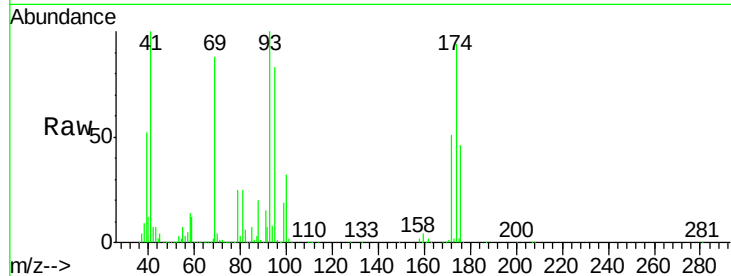




#49
1,4-Dioxane
Concen: 2736.329 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

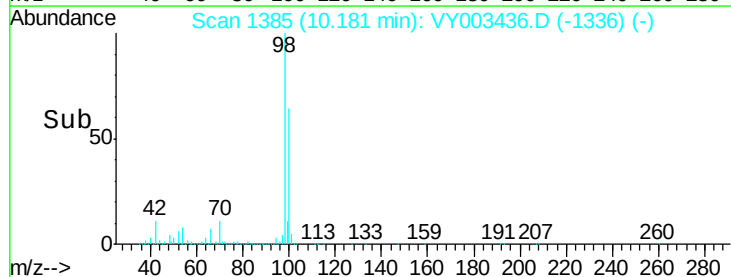
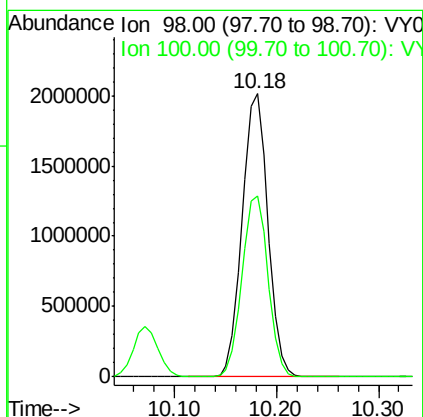
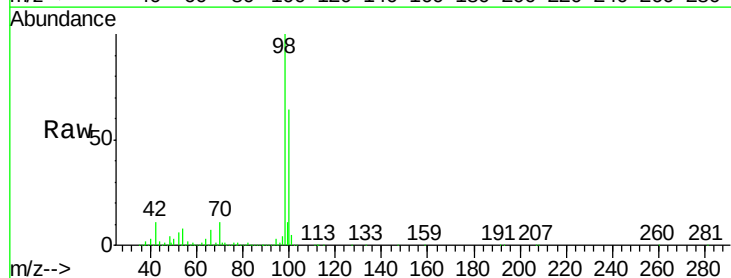
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

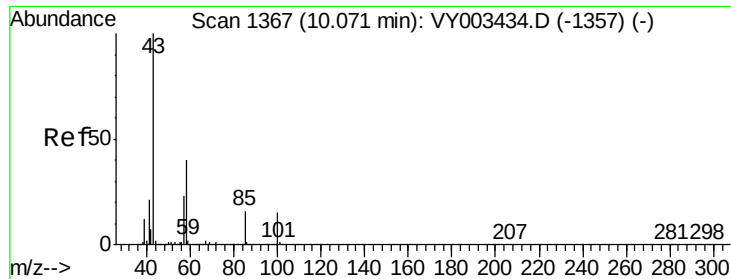
Tot Ion: 88 Resp: 153487
Ion Ratio Lower Upper
88 100
43 31.7 24.7 37.1
58 74.2 60.2 90.4



#50
Toluene-d8
Concen: 140.712 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 98 Resp: 3533716
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

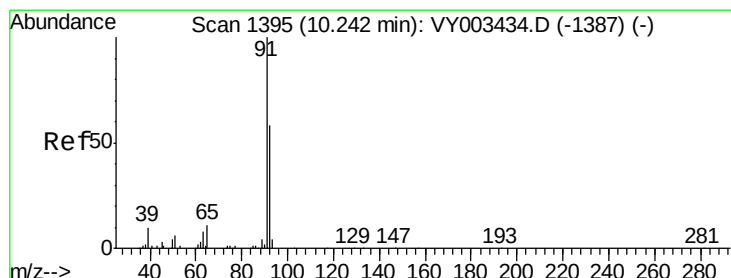
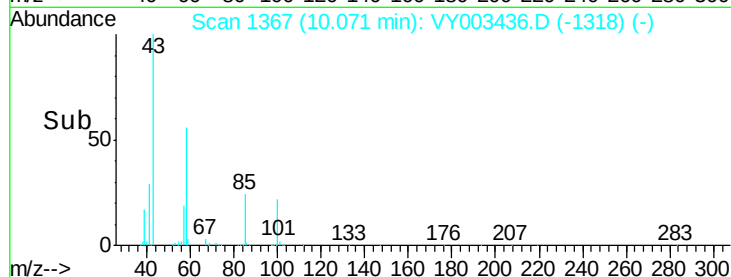
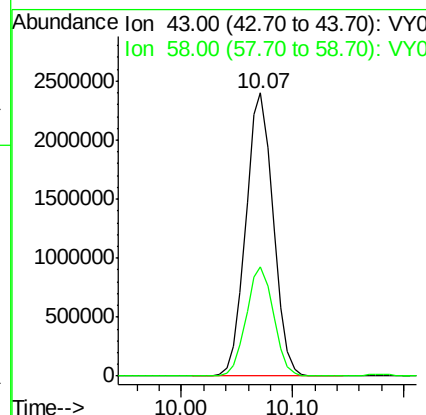
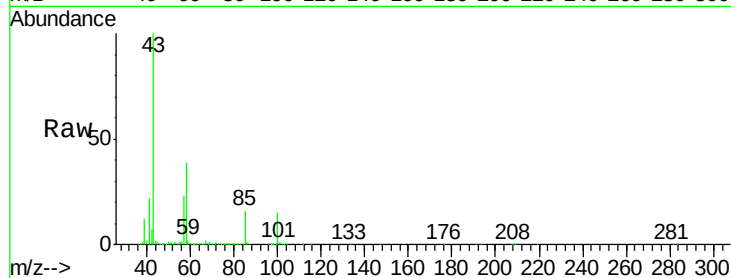




#51
4-Methyl-2-Pentanone
Concen: 648.548 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

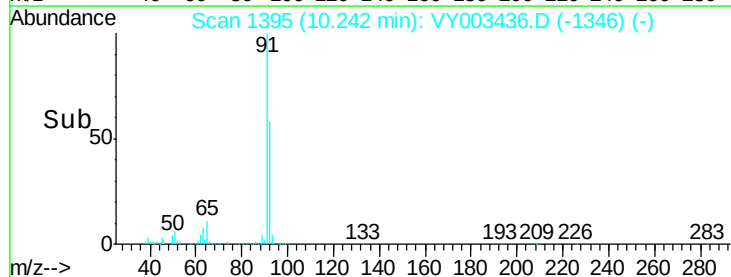
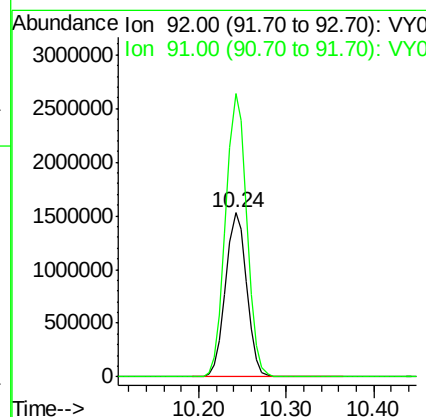
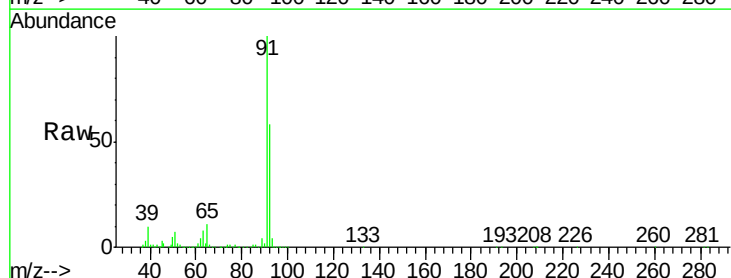
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

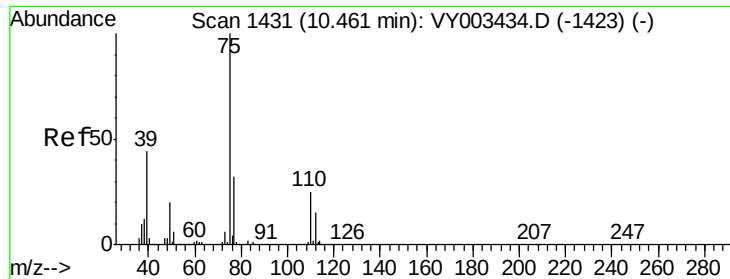
Tot Ion: 43 Resp: 4094306
Ion Ratio Lower Upper
43 100
58 38.5 31.3 46.9



#52
Toluene
Concen: 139.606 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 92 Resp: 2550000
Ion Ratio Lower Upper
92 100
91 173.1 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 145.926 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

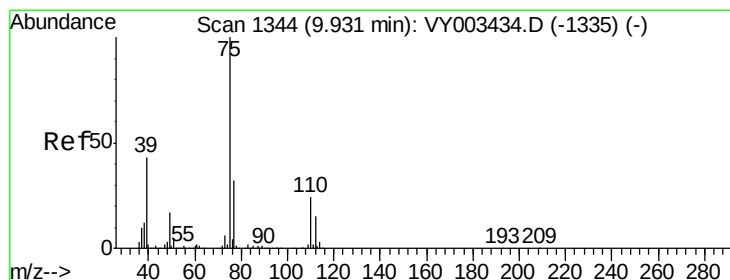
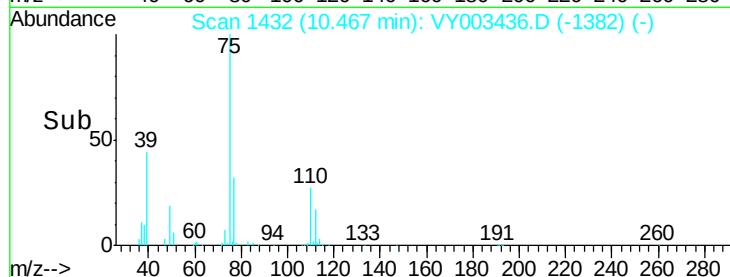
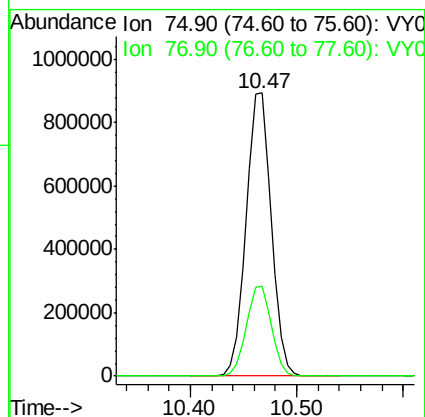
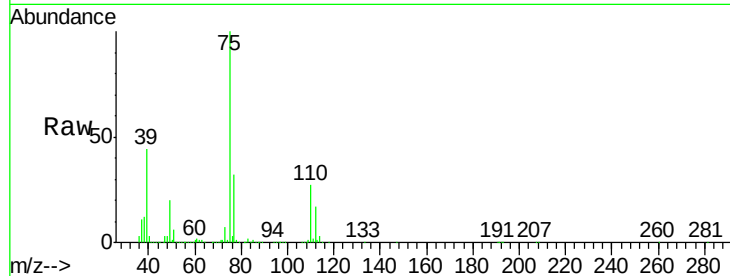
VSTDIC150

Tot Ion: 75 Resp: 1488337

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 143.986 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

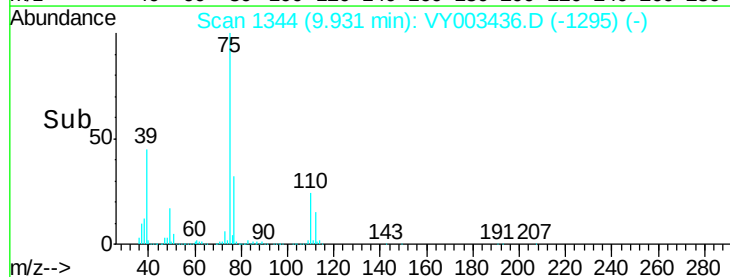
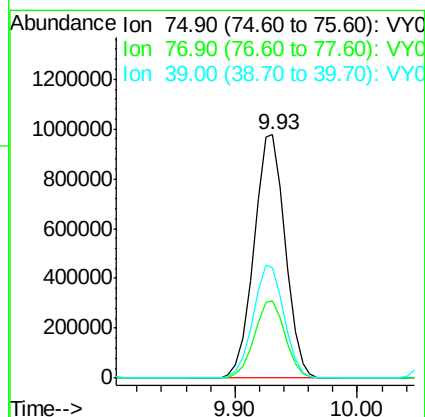
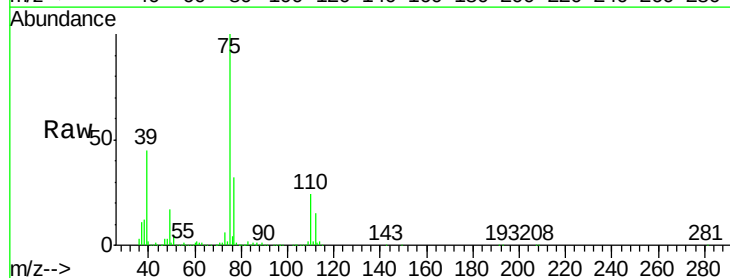
Tgt Ion: 75 Resp: 1735611

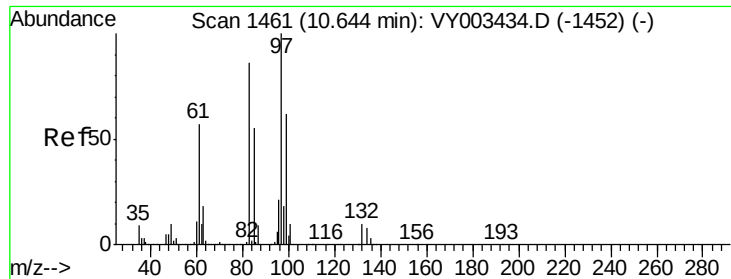
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 45.1 34.6 51.8

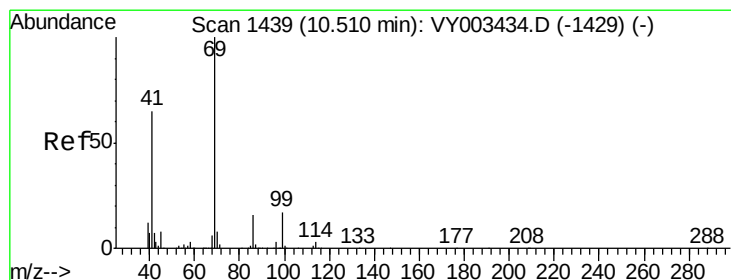
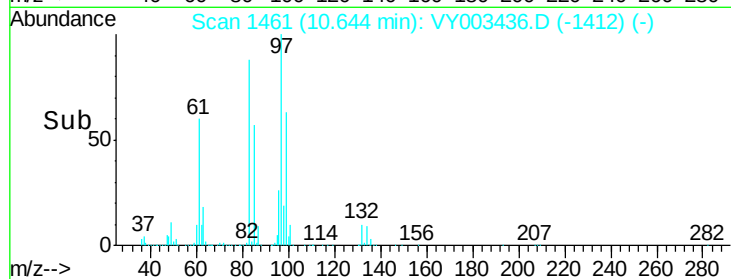
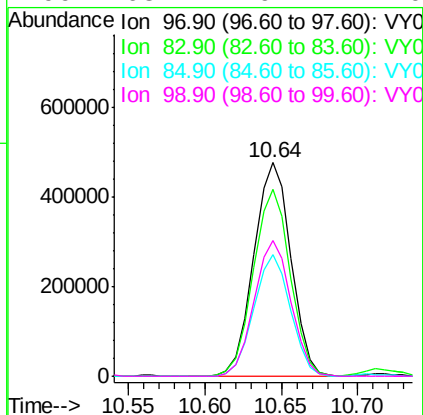
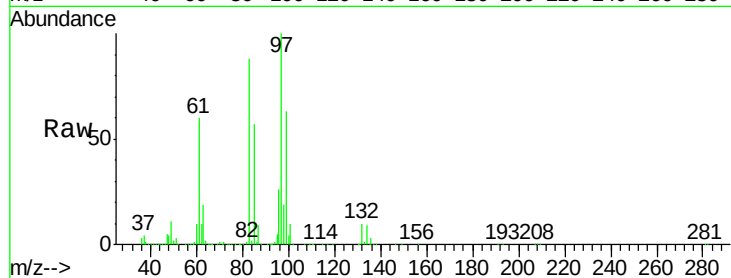




#55
 1,1,2-Trichloroethane
 Concen: 136.902 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

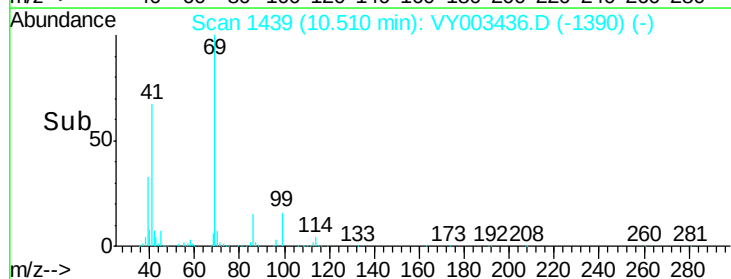
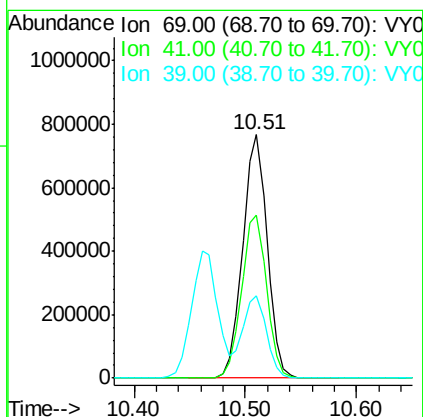
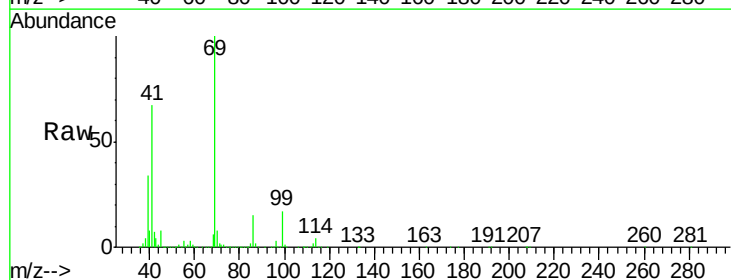
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

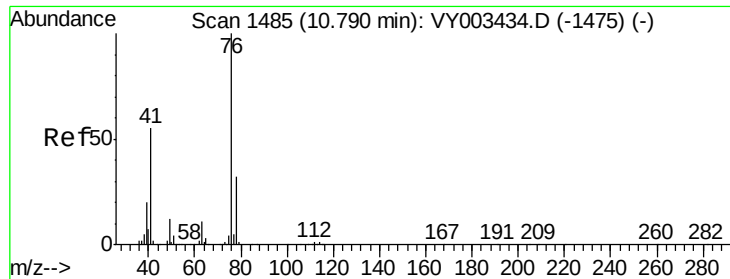
Tot Ion: 97 Resp: 808199
 Ion Ratio Lower Upper
 97 100
 83 87.7 68.5 102.7
 85 56.7 43.9 65.9
 99 63.4 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 146.274 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Tgt Ion: 69 Resp: 1167855
 Ion Ratio Lower Upper
 69 100
 41 68.1 53.2 79.8
 39 33.7 25.9 38.9





#57

1,3-Dichloropropane

Concen: 137.899 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

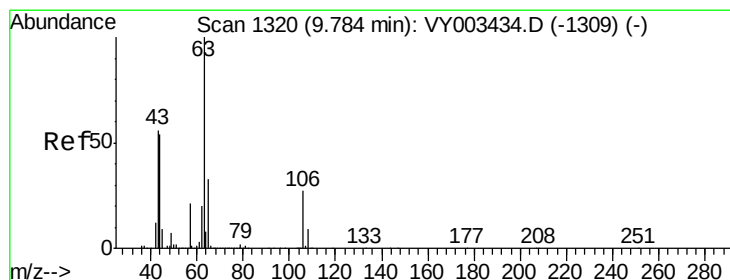
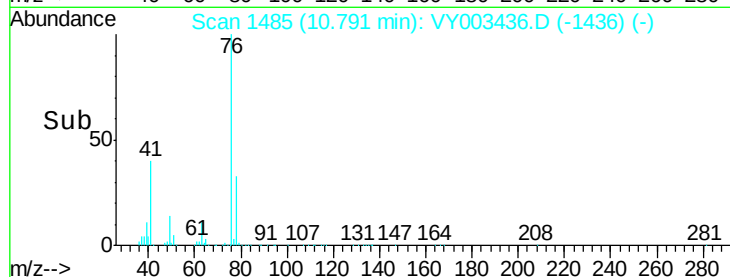
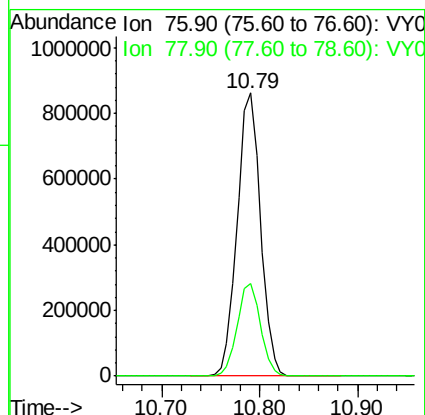
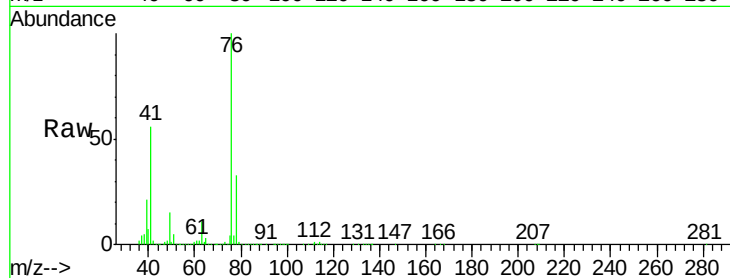
VSTDIC150

Tot Ion: 76 Resp: 1428574

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 692.565 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003436.D

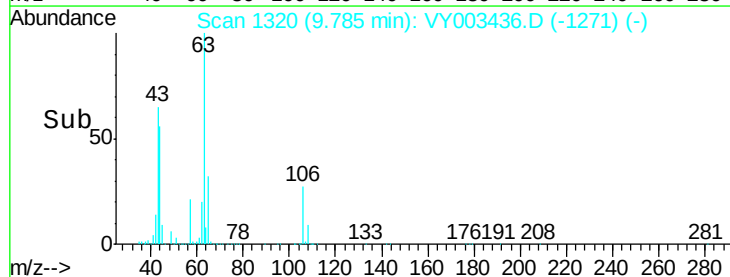
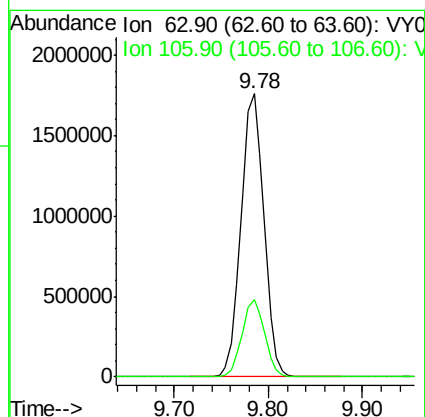
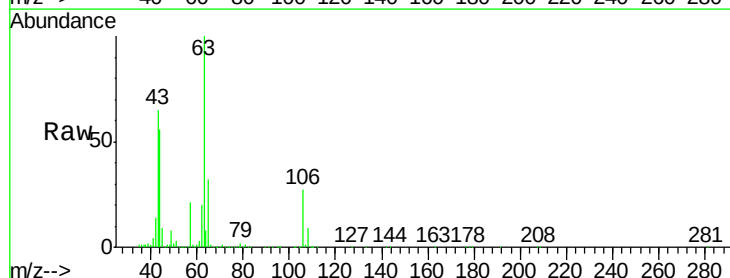
Acq: 04 Sep 2020 16:49

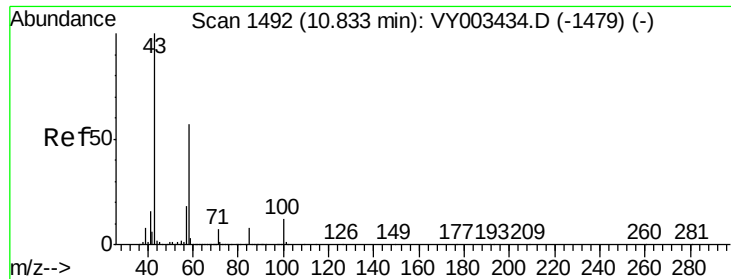
Tgt Ion: 63 Resp: 2986074

Ion Ratio Lower Upper

63 100

106 27.0 21.5 32.3

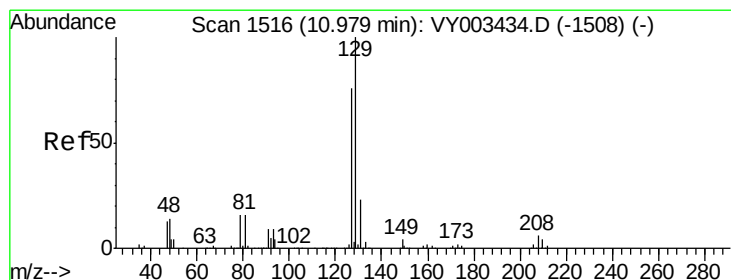
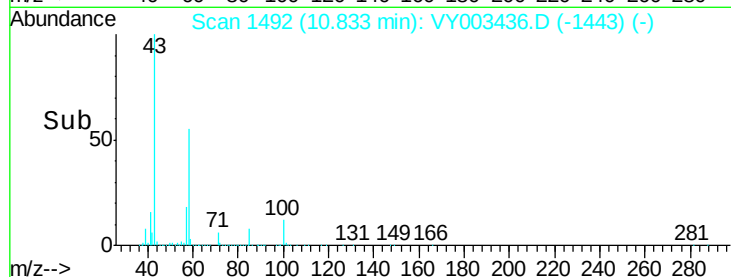
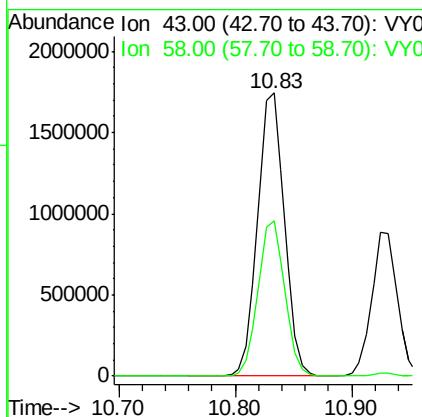
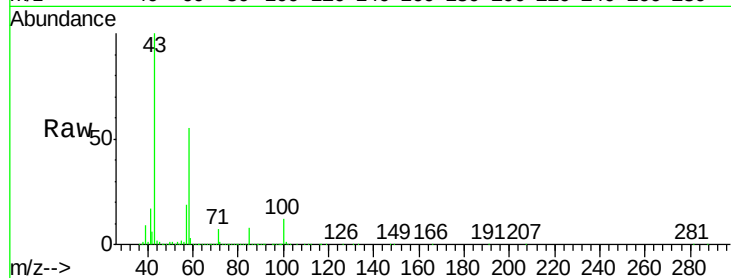




#59
2-Hexanone
Concen: 655.102 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

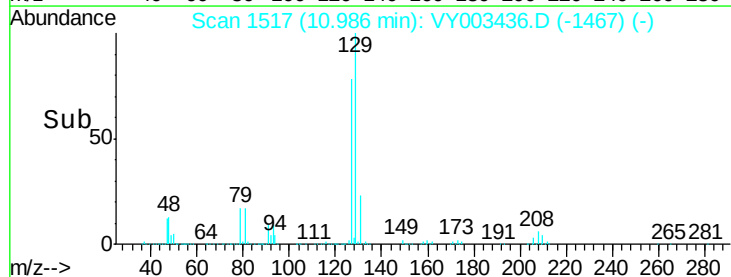
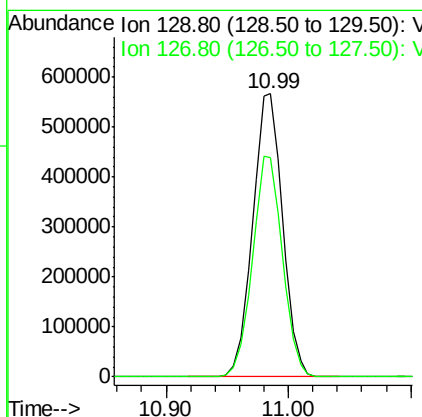
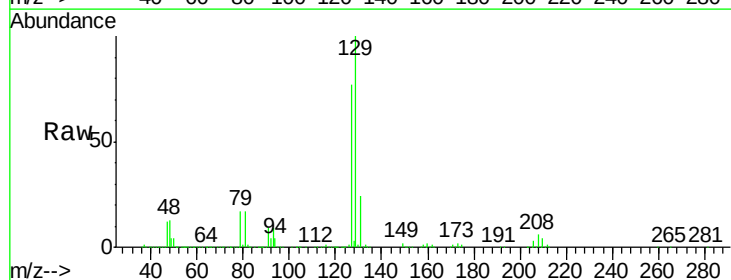
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

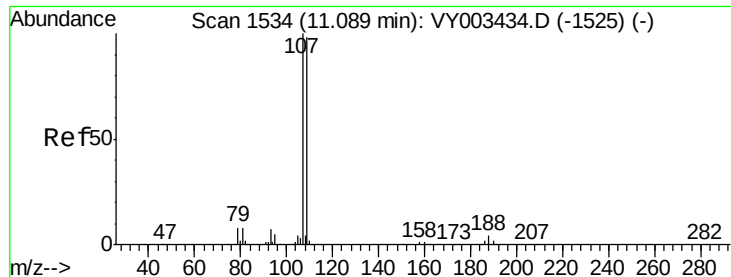
Tot Ion: 43 Resp: 2817605
Ion Ratio Lower Upper
43 100
58 54.7 27.8 83.3



#60
Dibromochloromethane
Concen: 145.165 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 129 Resp: 968337
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 140.215 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

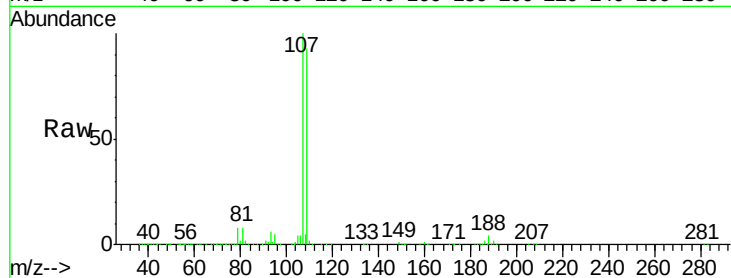
VSTDIC150

Tot Ion: 107 Resp: 775890

Ion Ratio Lower Upper

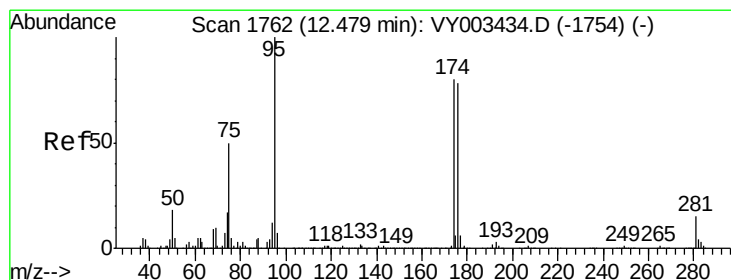
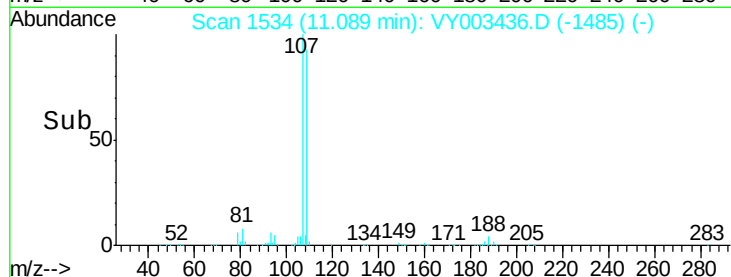
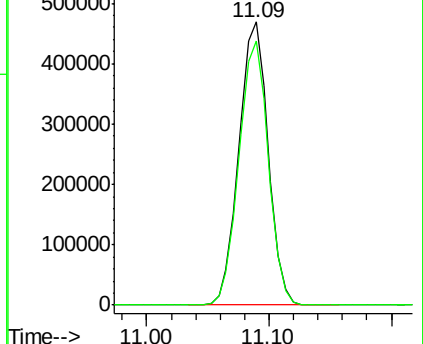
107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 139.165 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

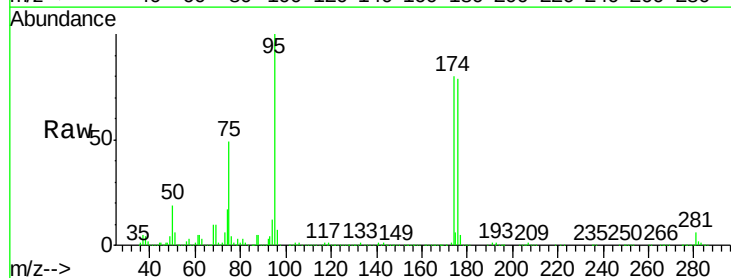
Tgt Ion: 95 Resp: 1179197

Ion Ratio Lower Upper

95 100

174 80.2 0.0 161.6

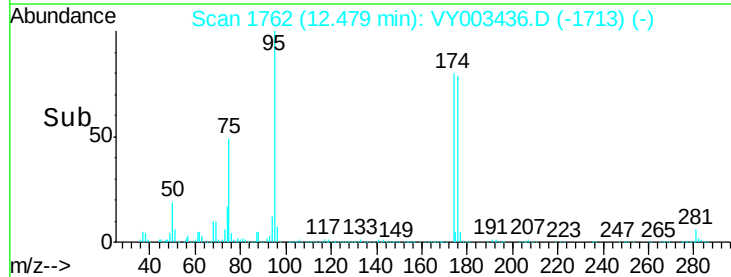
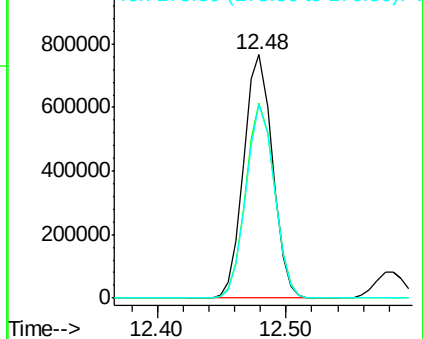
176 78.4 0.0 157.6

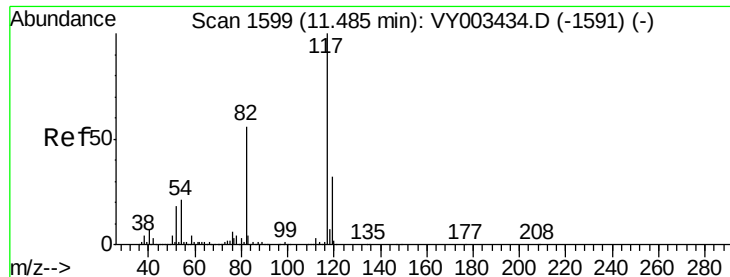


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

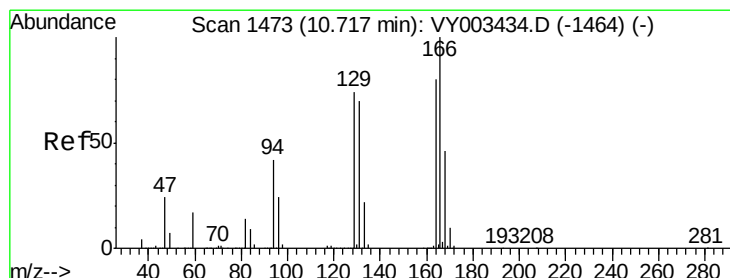
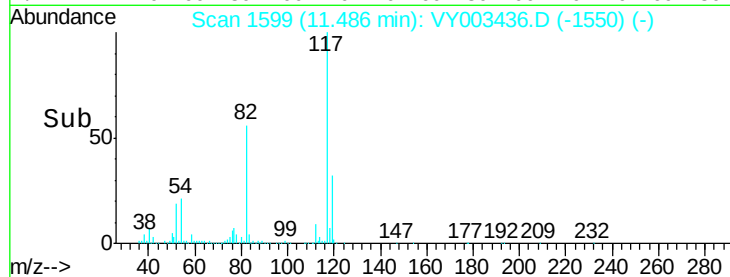
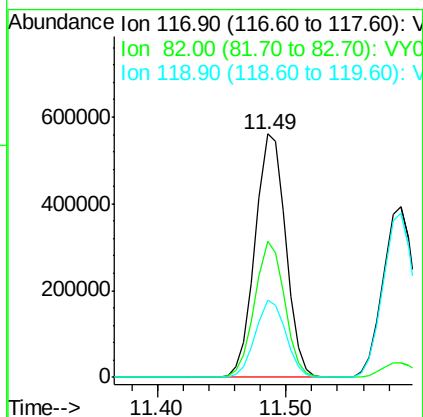
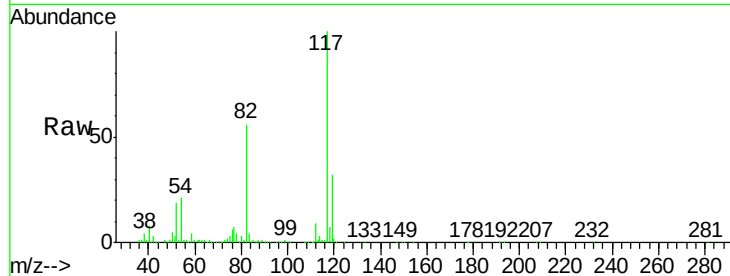




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

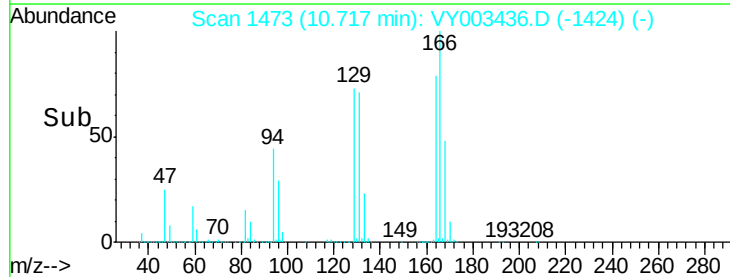
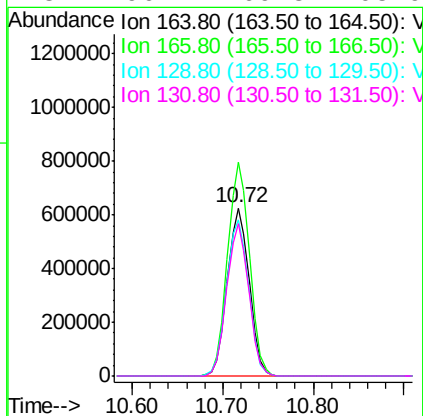
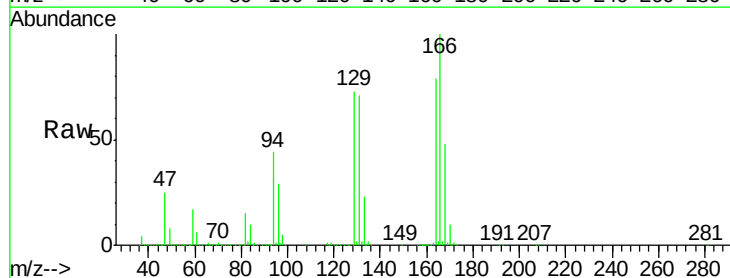
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

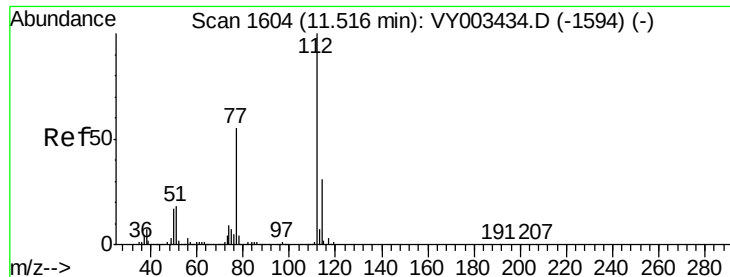
Tot Ion:117 Resp: 916627
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 135.656 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion:164 Resp: 1051079
Ion Ratio Lower Upper
164 100
166 127.0 99.4 149.2
129 92.8 73.8 110.8
131 90.7 69.3 103.9





#65

Chlorobenzene

Concen: 139.537 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

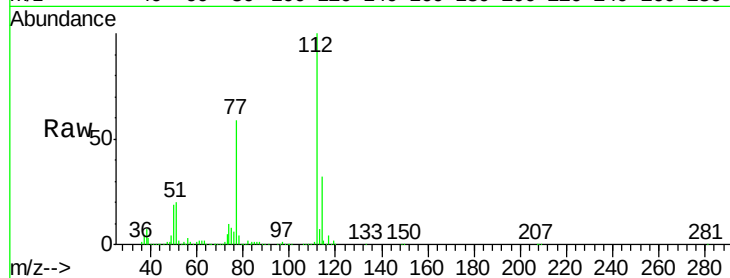
VSTDICC150

Tot Ion:112 Resp: 2685824

Ion Ratio Lower Upper

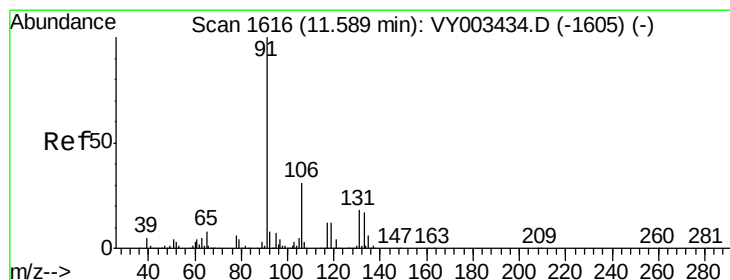
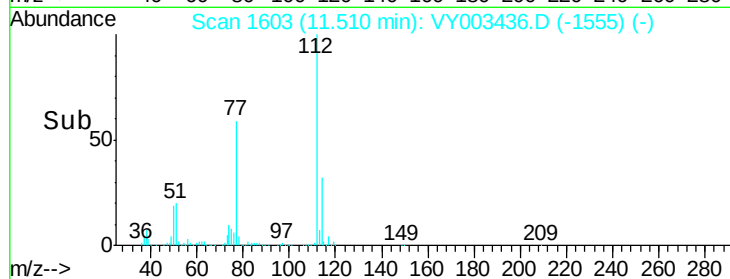
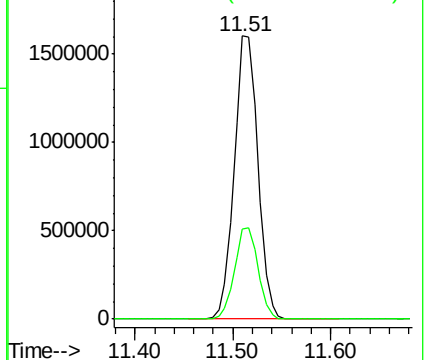
112 100

114 31.6 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 142.525 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

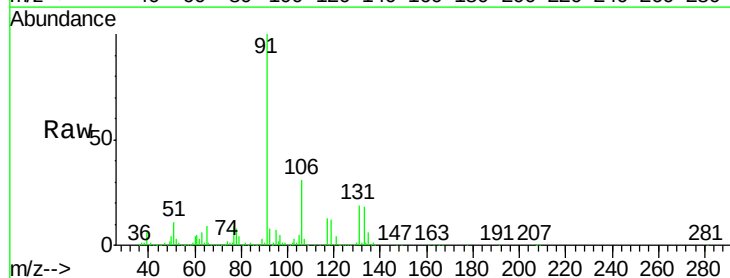
Tgt Ion:131 Resp: 954319

Ion Ratio Lower Upper

131 100

133 94.7 48.1 144.3

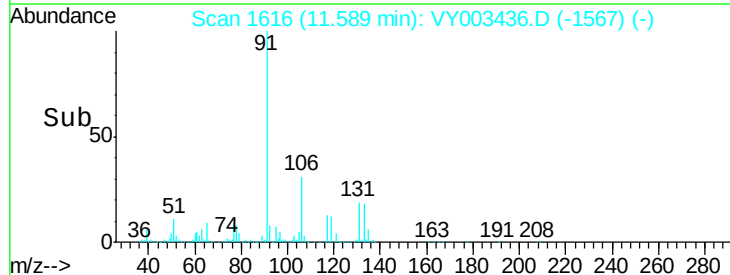
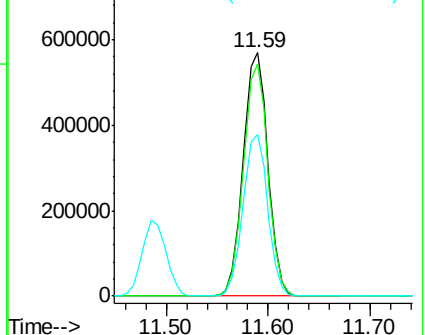
119 66.7 34.3 102.9

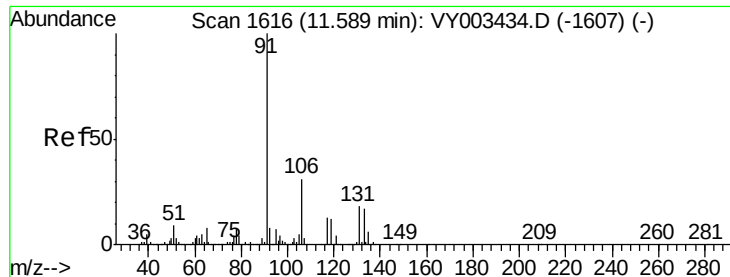


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 140.014 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

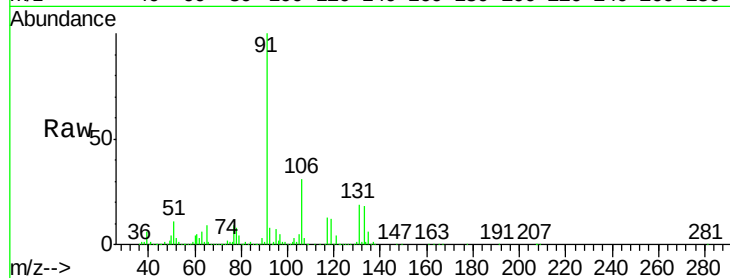
VSTDIC150

Tot Ion: 91 Resp: 4819846

Ion Ratio Lower Upper

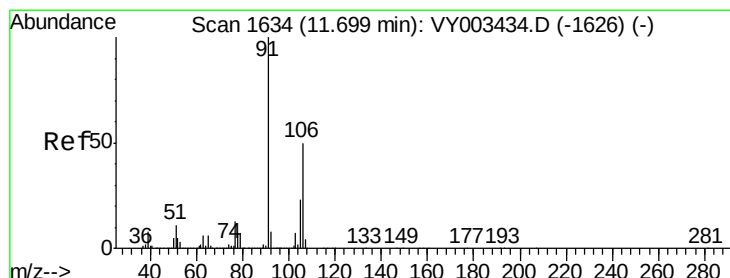
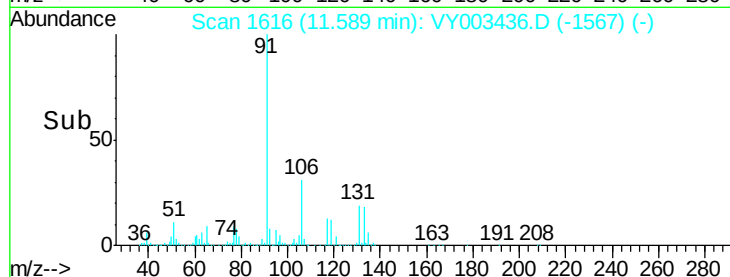
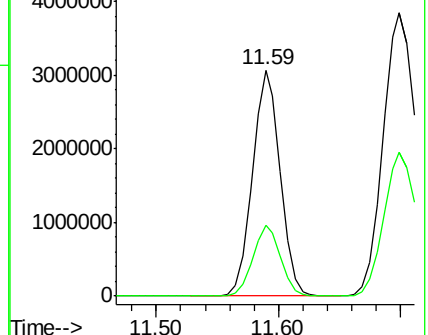
91 100

106 31.3 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY003434.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY003434.D (-1607) (-)



#68

m/p-Xylenes

Concen: 275.931 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003436.D

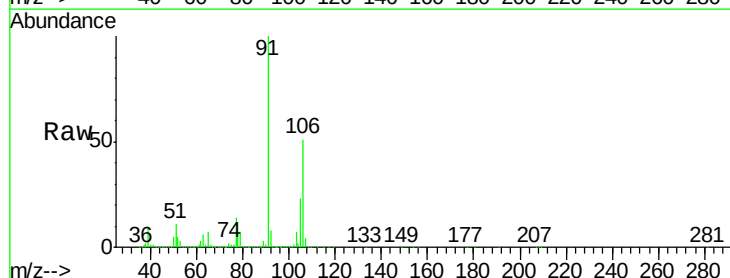
Acq: 04 Sep 2020 16:49

Tgt Ion: 106 Resp: 3583894

Ion Ratio Lower Upper

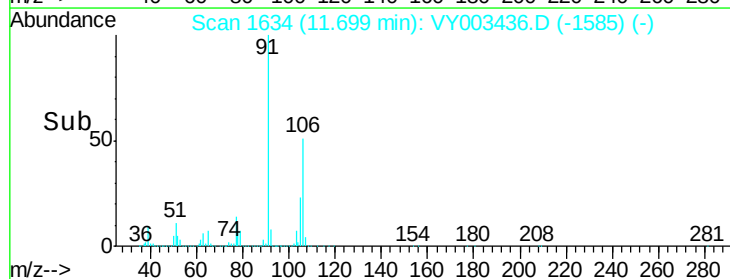
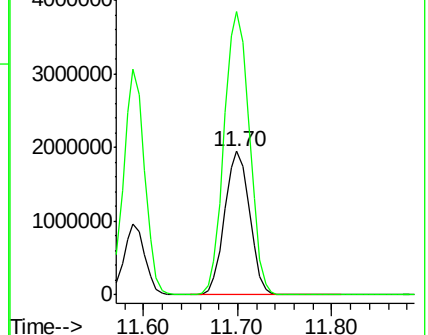
106 100

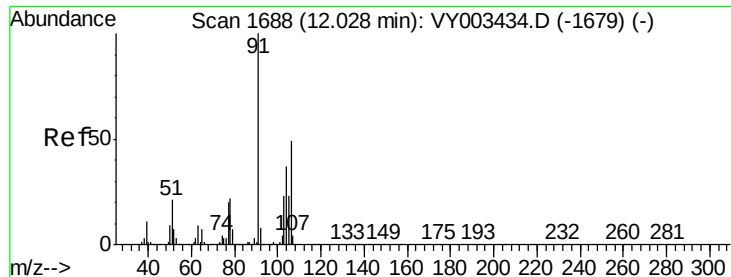
91 199.6 159.5 239.3



Abundance Ion 106.00 (105.70 to 106.70): VY003434.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY003434.D (-1626) (-)

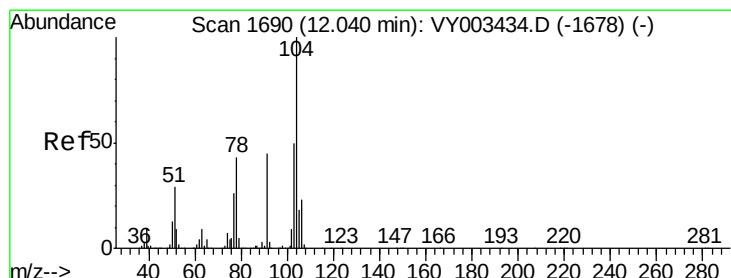
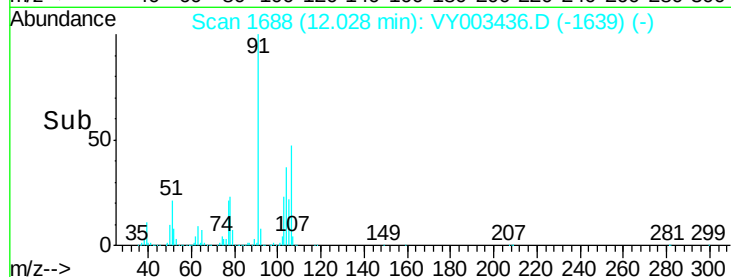
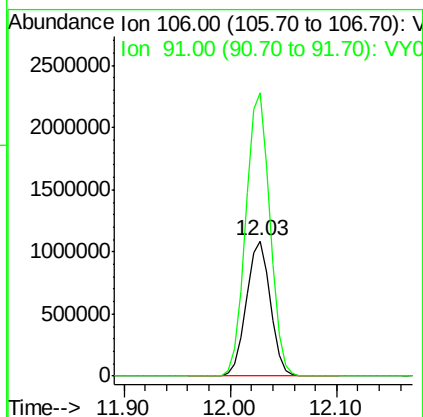
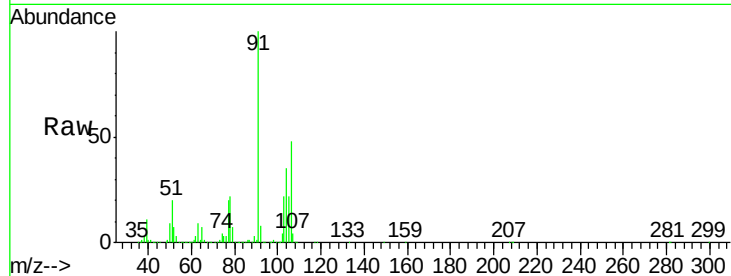




#69
o-Xylene
Concen: 140.482 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

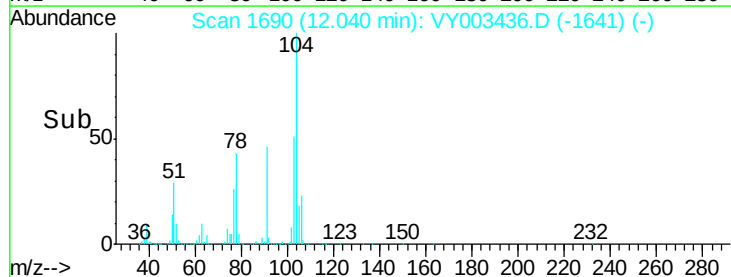
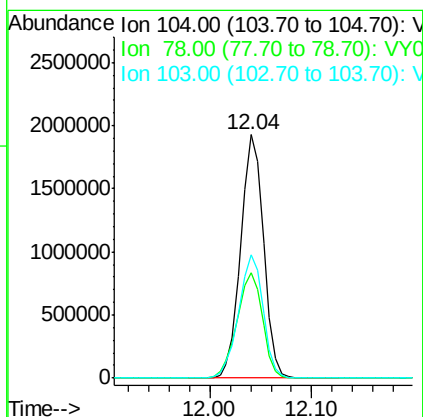
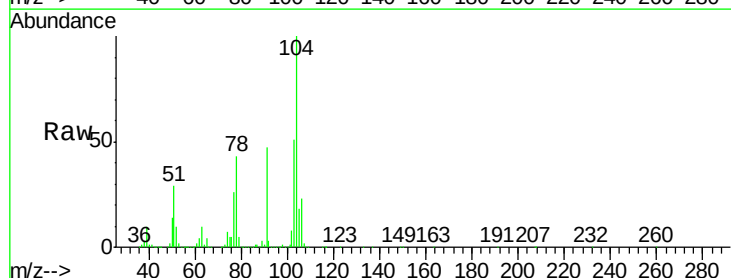
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

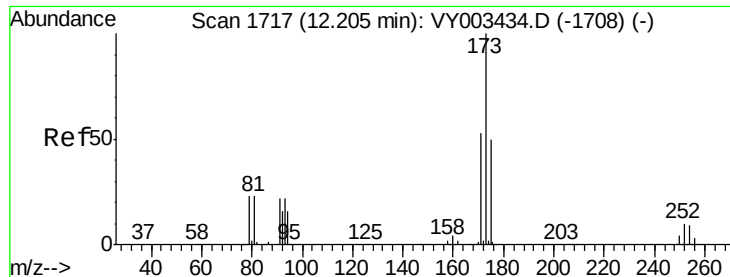
Tot Ion:106 Resp: 1721477
Ion Ratio Lower Upper
106 100
91 210.6 104.7 313.9



#70
Styrene
Concen: 147.716 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion:104 Resp: 2989022
Ion Ratio Lower Upper
104 100
78 48.0 38.1 57.1
103 54.4 43.8 65.6





#71

Bromoform

Concen: 143.566 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

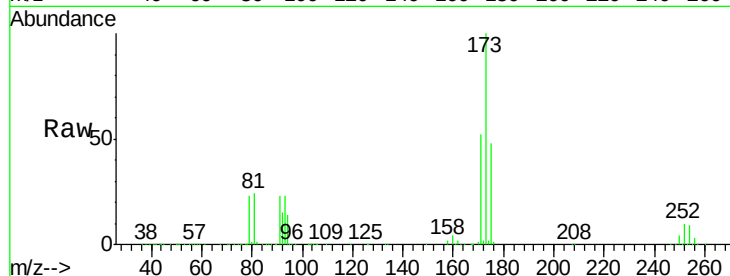
Tot Ion:173 Resp: 573675

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

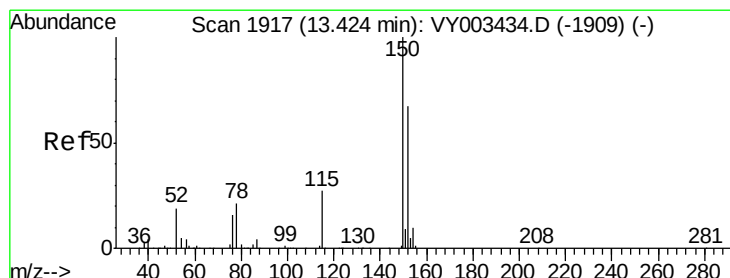
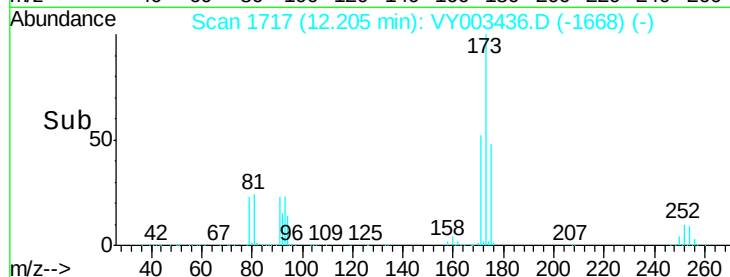
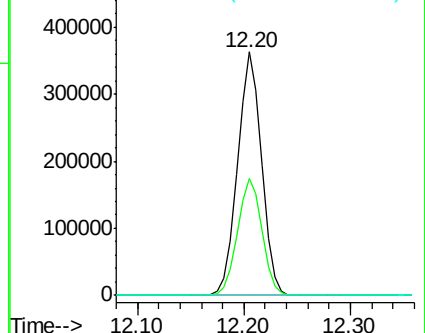
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

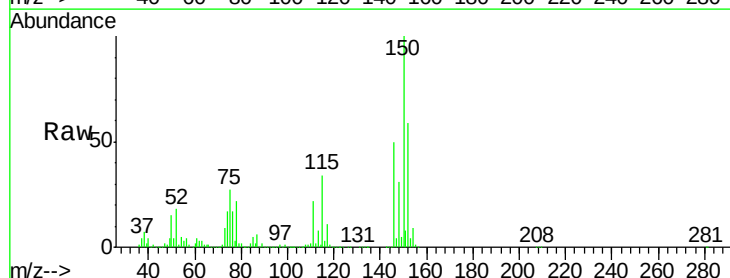
Tgt Ion:152 Resp: 416597

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

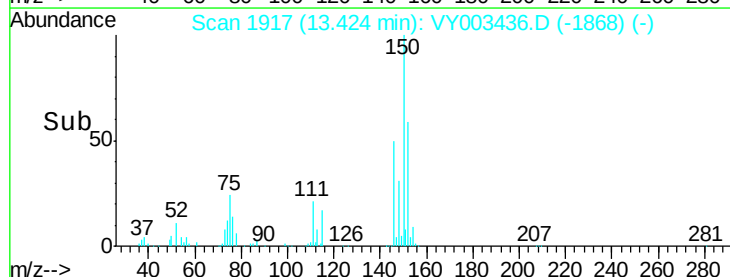
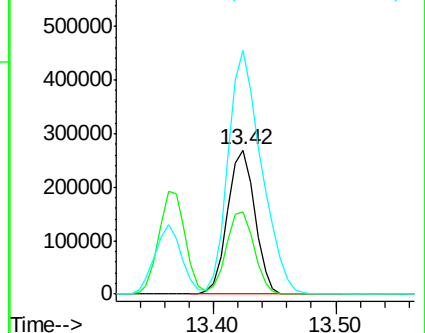
150 205.4 0.0 350.0

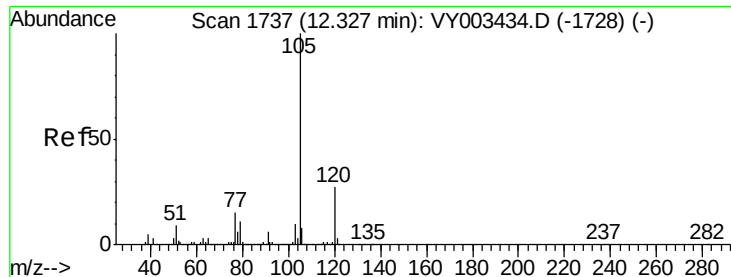


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.036 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

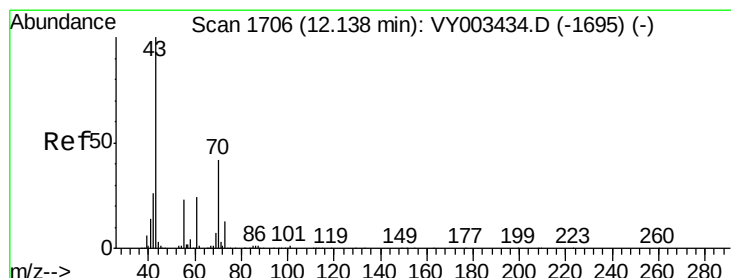
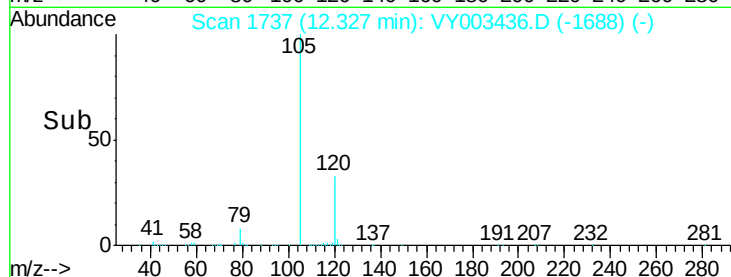
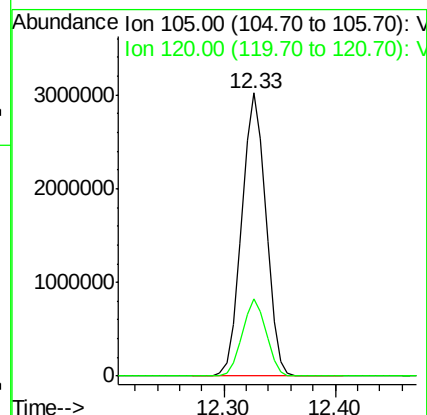
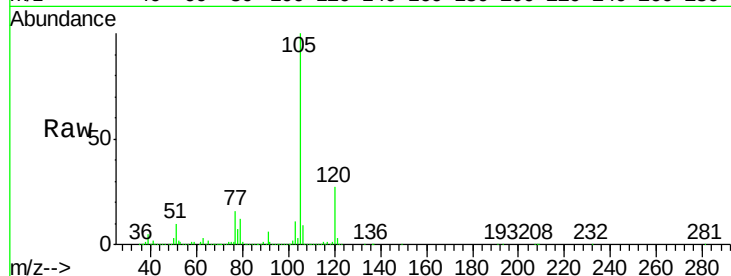
VSTDIC150

Tot Ion:105 Resp: 4547970

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 144.586 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Tgt Ion: 43 Resp: 1379121

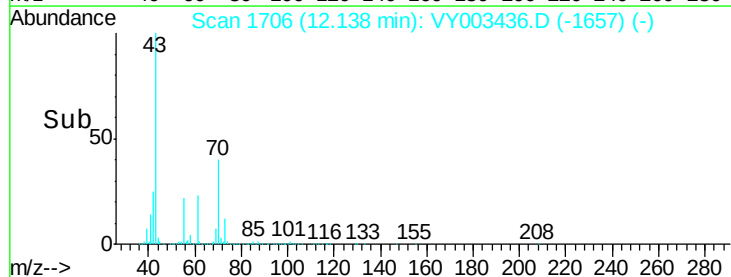
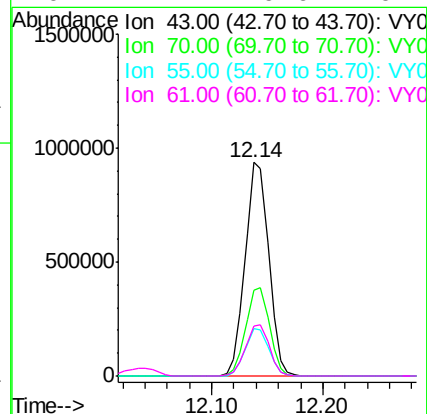
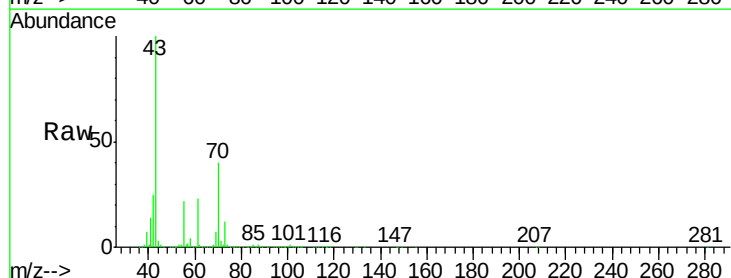
Ion Ratio Lower Upper

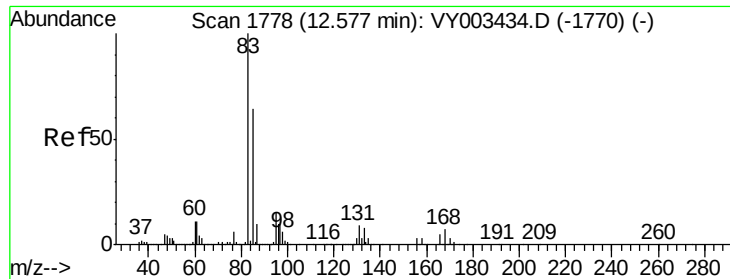
43 100

70 41.5 33.7 50.5

55 22.4 18.4 27.6

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 140.825 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

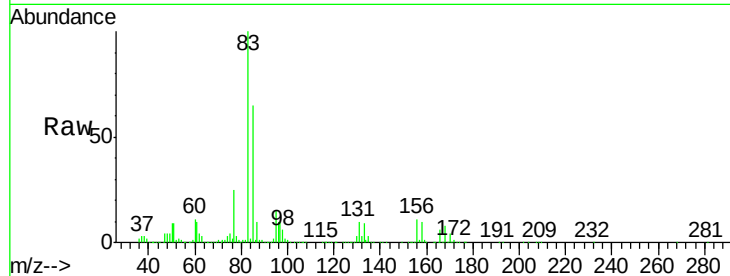
Tot Ion: 83 Resp: 885332

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

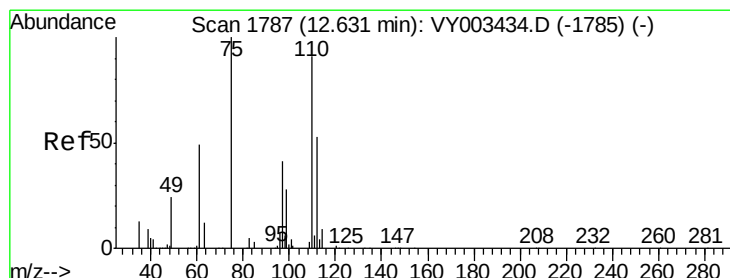
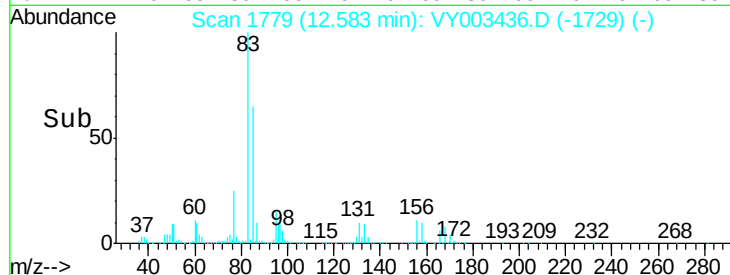
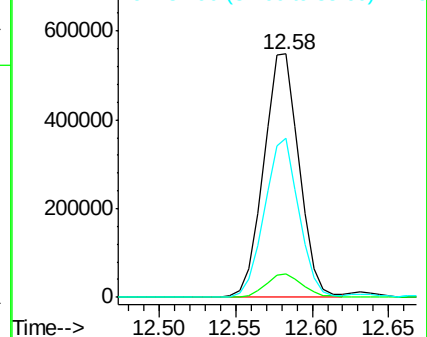
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 130.194 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003436.D

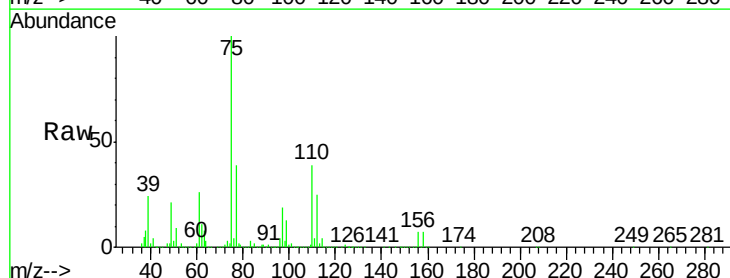
Acq: 04 Sep 2020 16:49

Tgt Ion: 75 Resp: 595376

Ion Ratio Lower Upper

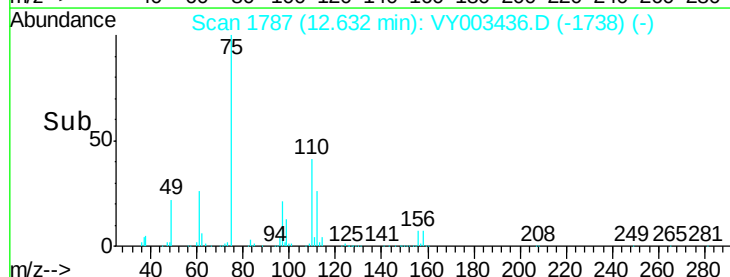
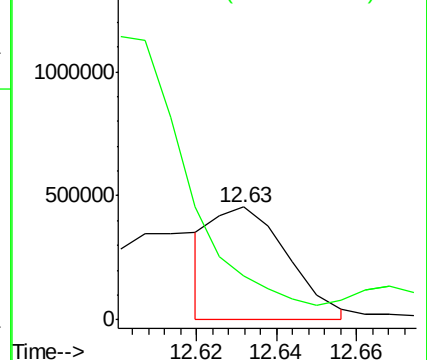
75 100

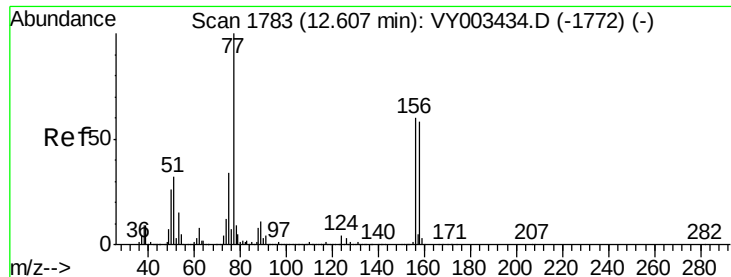
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 144.614 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

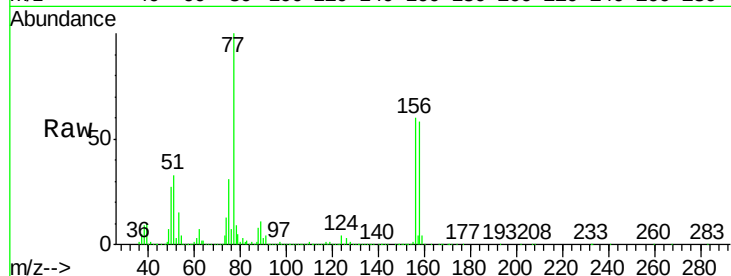
Tot Ion:156 Resp: 1051108

Ion Ratio Lower Upper

156 100

77 195.1 96.7 290.1

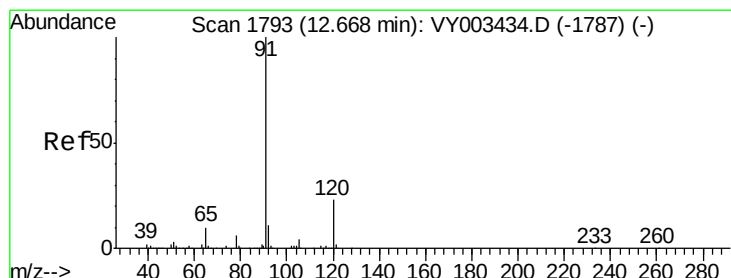
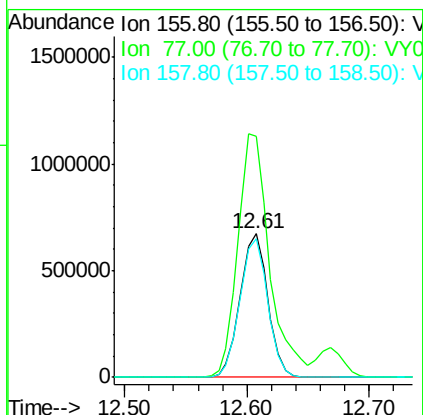
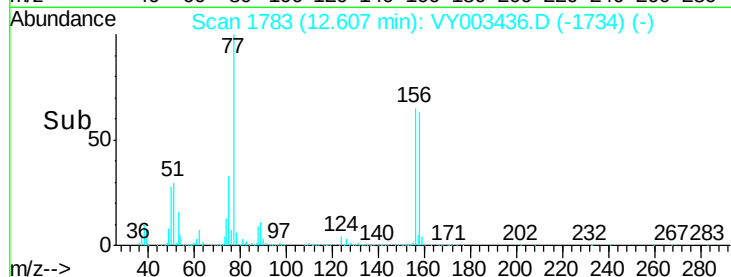
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 141.822 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003436.D

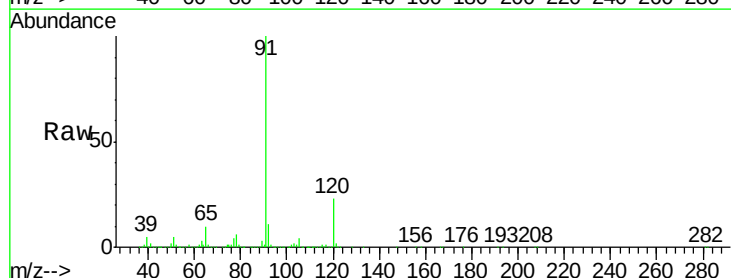
Acq: 04 Sep 2020 16:49

Tgt Ion: 91 Resp: 5353728

Ion Ratio Lower Upper

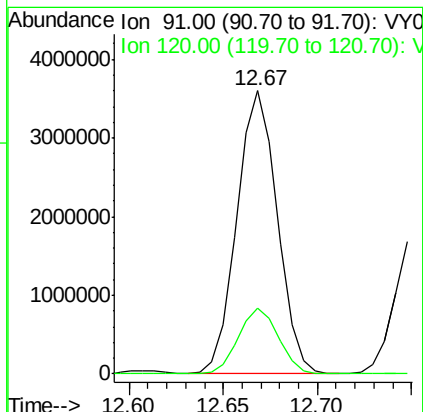
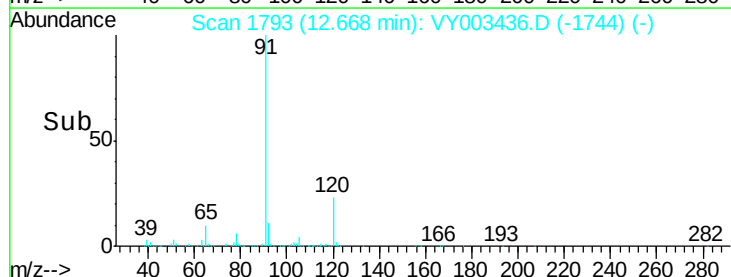
91 100

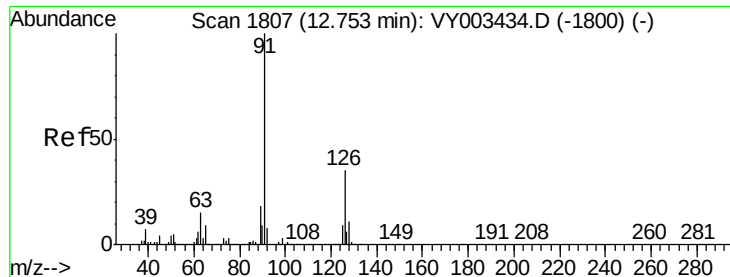
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 146.182 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

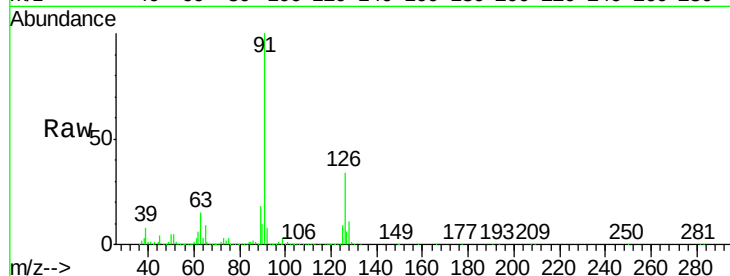
VSTDIC150

Tot Ion: 91 Resp: 3034272

Ion Ratio Lower Upper

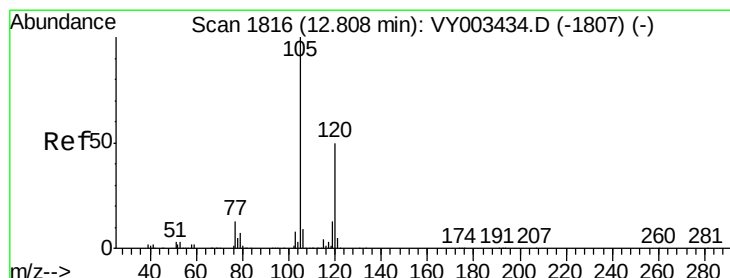
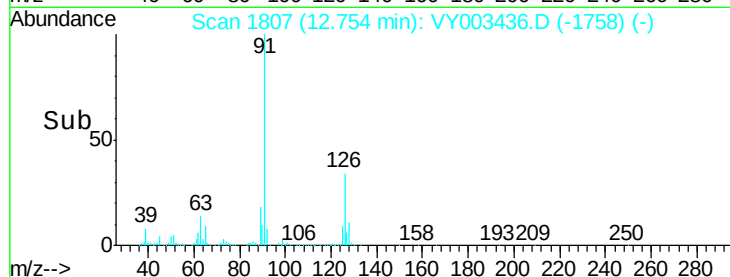
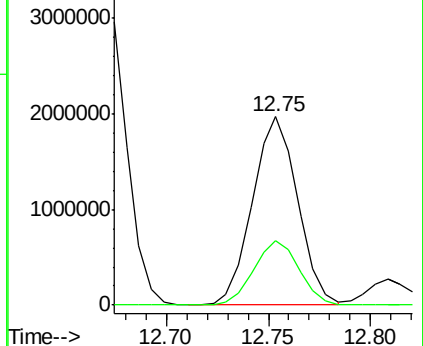
91 100

126 34.5 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY003434.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003434.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 143.729 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003436.D

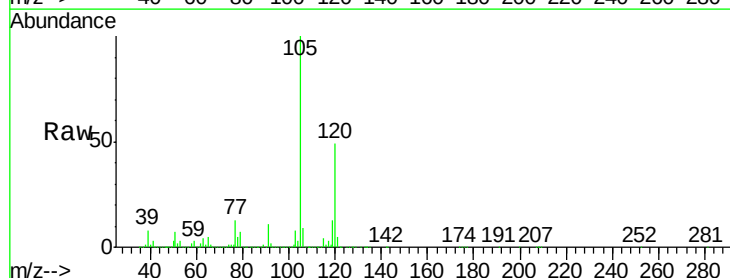
Acq: 04 Sep 2020 16:49

Tgt Ion: 105 Resp: 3675464

Ion Ratio Lower Upper

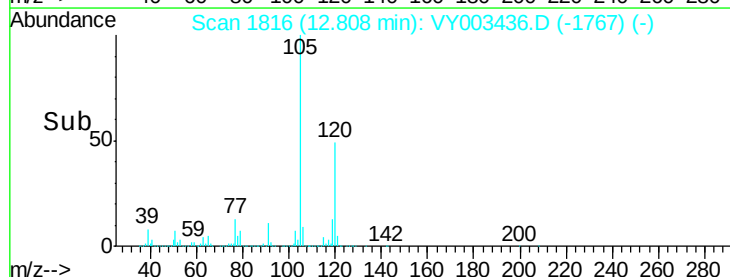
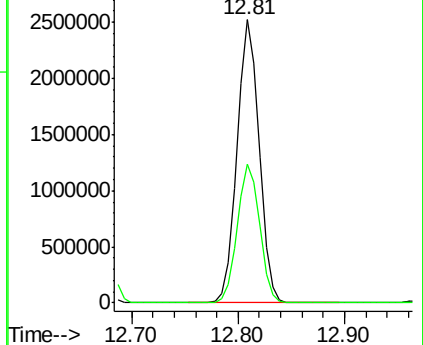
105 100

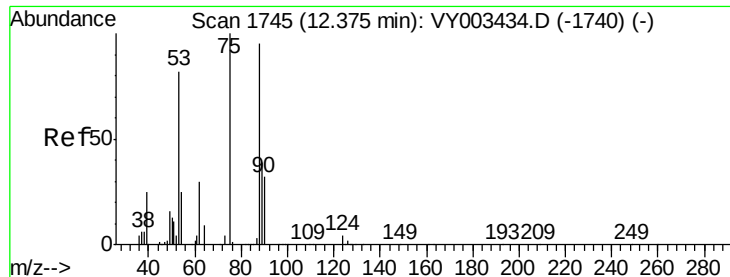
120 49.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VY003434.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003434.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 144.753 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

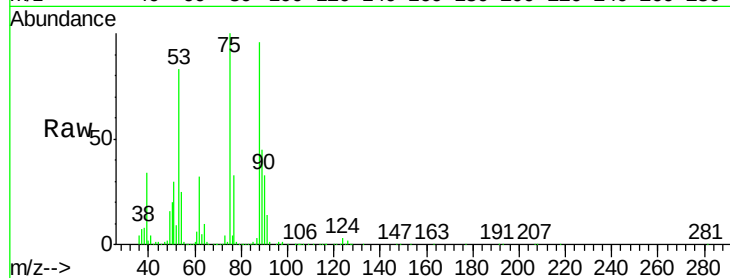
Tot Ion: 75 Resp: 337320

Ion Ratio Lower Upper

75 100

53 83.8 65.5 98.3

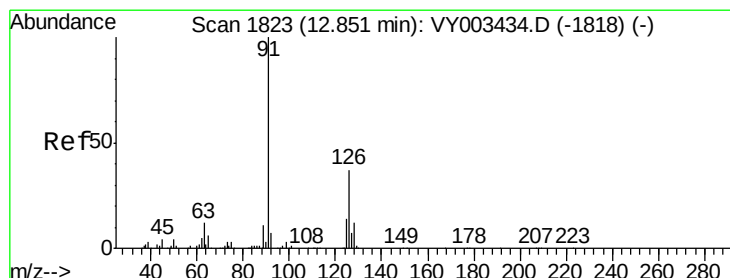
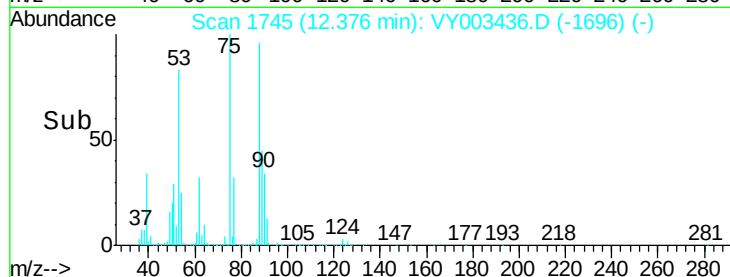
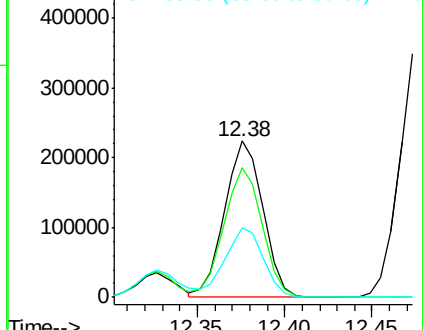
89 44.7 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 143.578 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003436.D

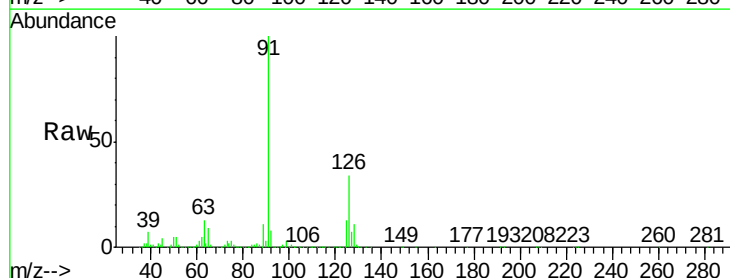
Acq: 04 Sep 2020 16:49

Tgt Ion: 91 Resp: 3173765

Ion Ratio Lower Upper

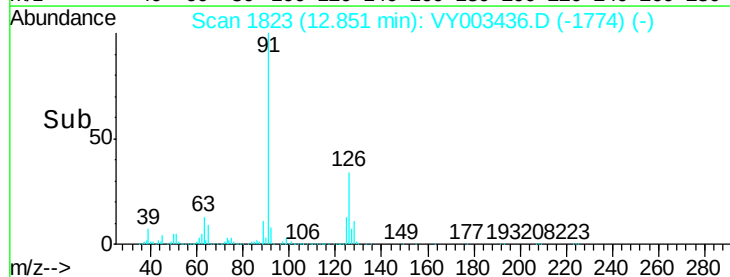
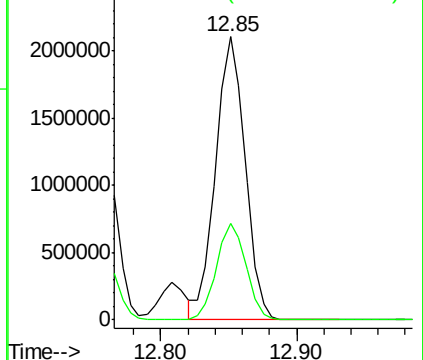
91 100

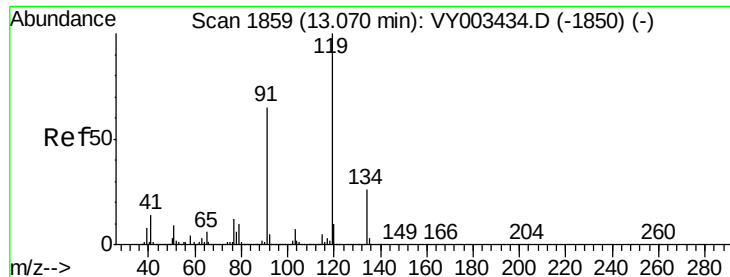
126 34.1 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 142.254 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

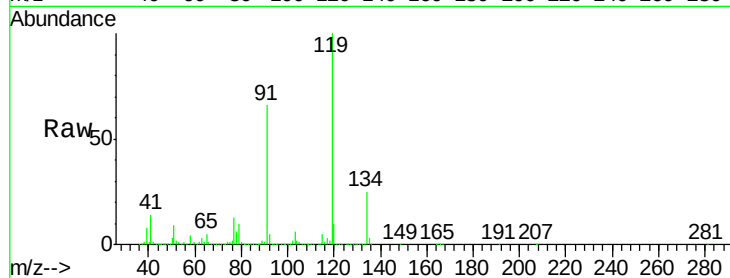
Tot Ion:119 Resp: 3116820

Ion Ratio Lower Upper

119 100

91 65.6 32.4 97.0

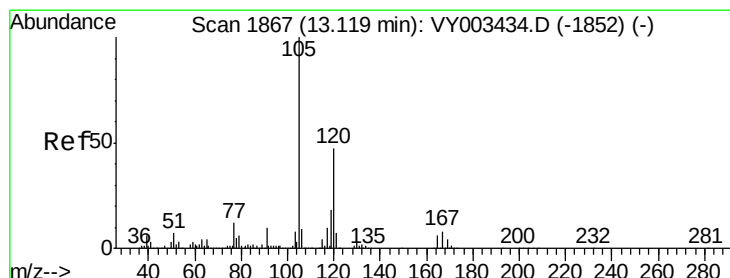
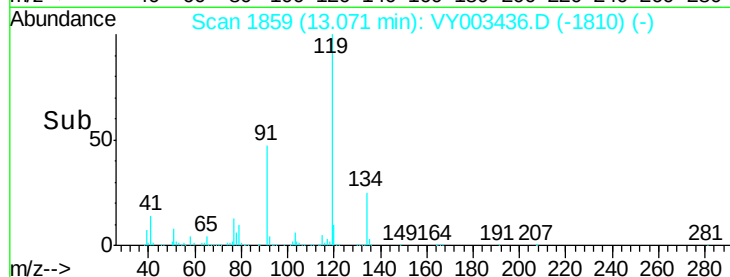
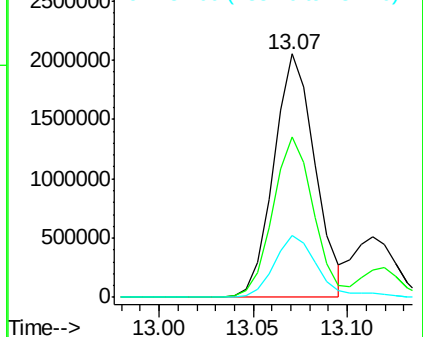
134 26.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 141.870 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003436.D

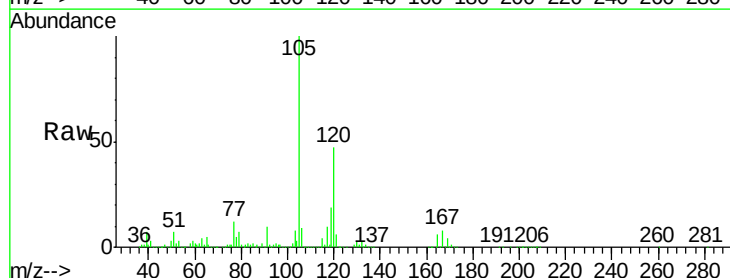
Acq: 04 Sep 2020 16:49

Tgt Ion:105 Resp: 3656612

Ion Ratio Lower Upper

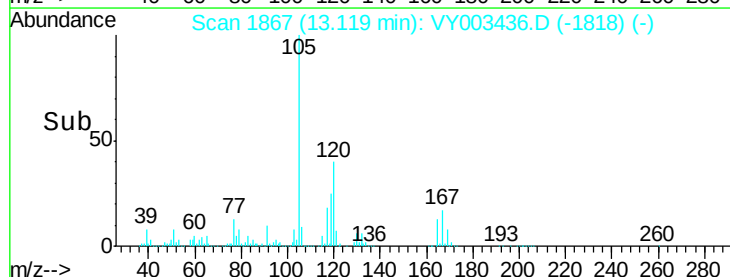
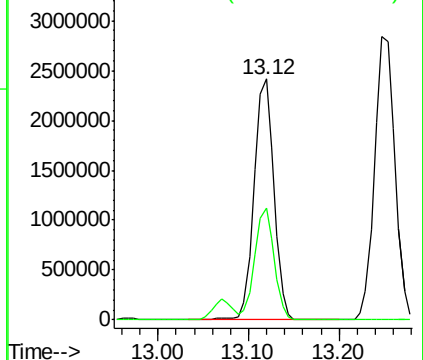
105 100

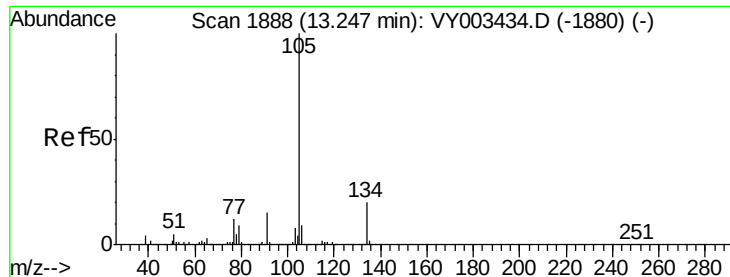
120 45.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 139.197 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

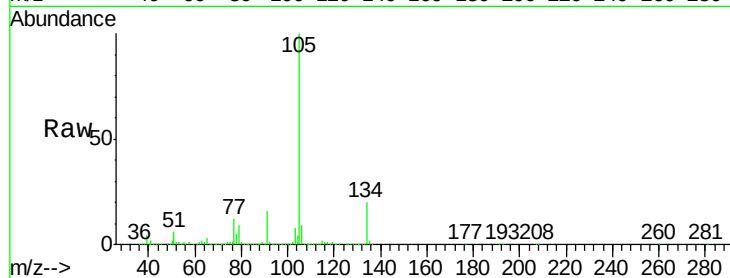
VSTDIC150

Tot Ion:105 Resp: 4412535

Ion Ratio Lower Upper

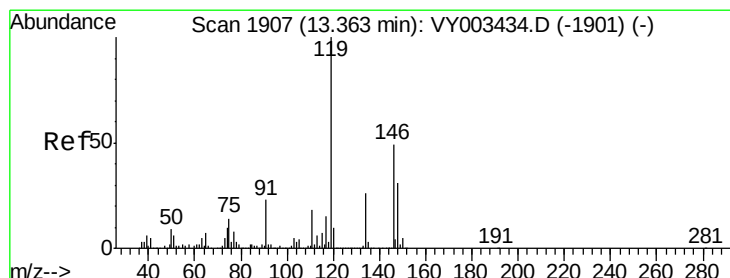
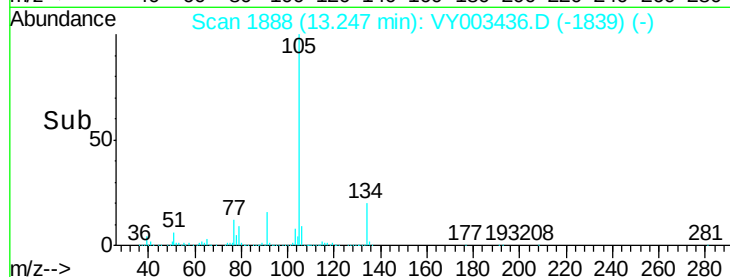
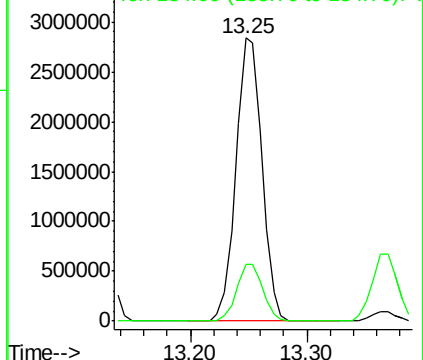
105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 138.415 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

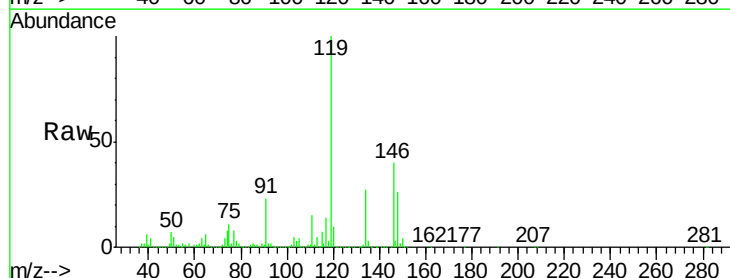
Tgt Ion:119 Resp: 3900864

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

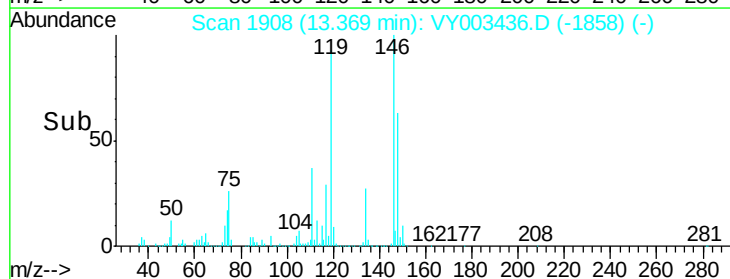
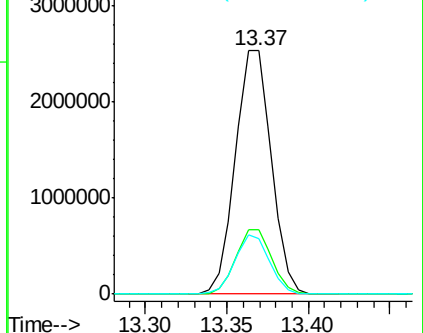
91 23.2 11.3 33.8

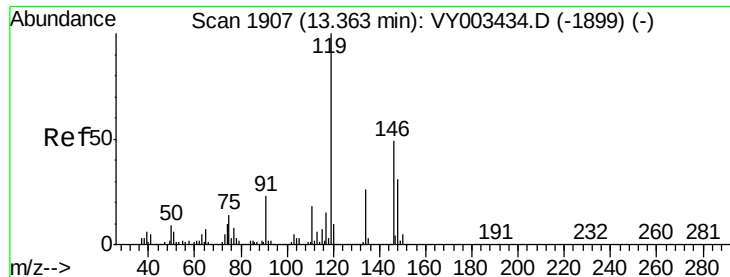


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 137.530 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

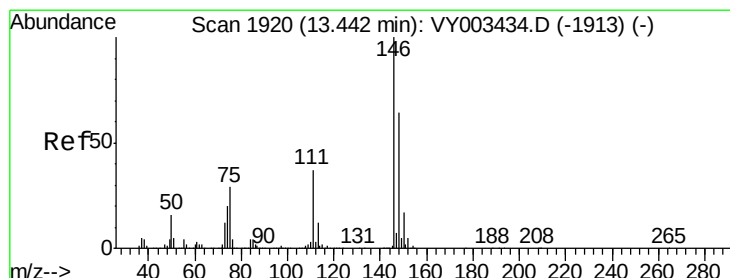
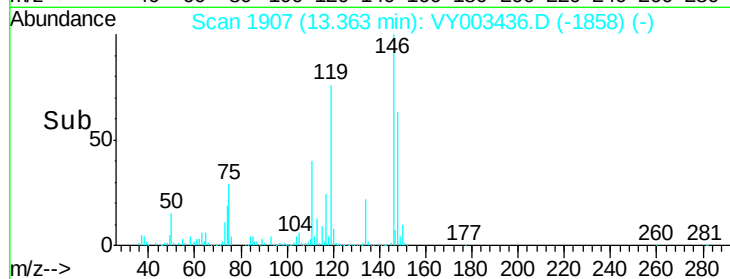
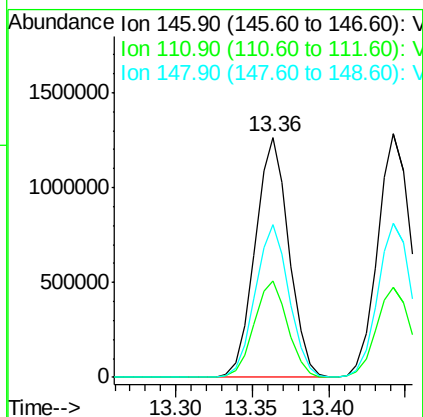
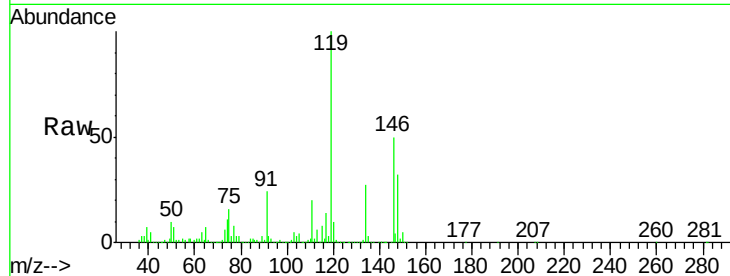
Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:146 Resp: 1937638

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 137.066 ug/l

RT: 13.44 min Scan# 1920

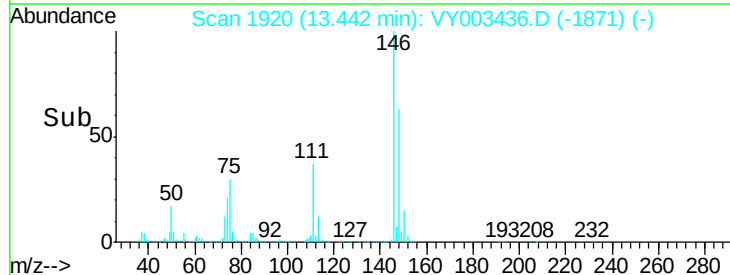
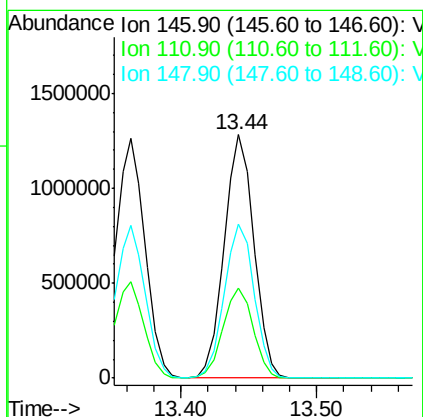
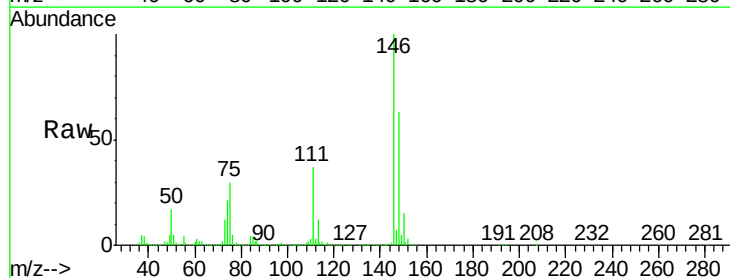
Delta R.T. 0.00 min

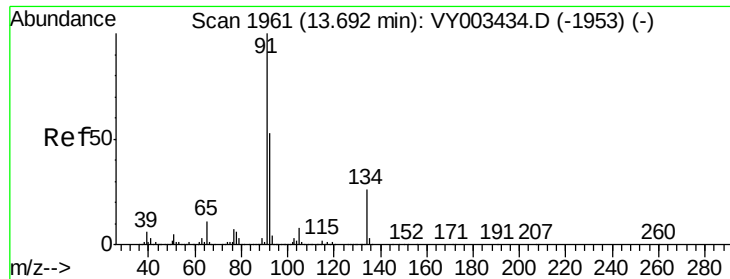
Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Tgt Ion:146 Resp: 1943615

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.3
148	63.7	32.1	96.5





#89

n-Butylbenzene

Concen: 132.964 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003436.D

Acq: 04 Sep 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

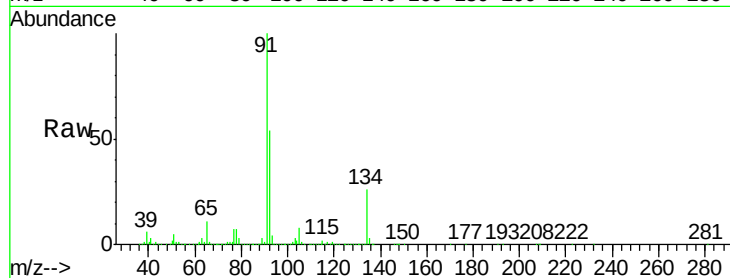
Tot Ion: 91 Resp: 3766660

Ion Ratio Lower Upper

91 100

92 54.3 26.7 80.1

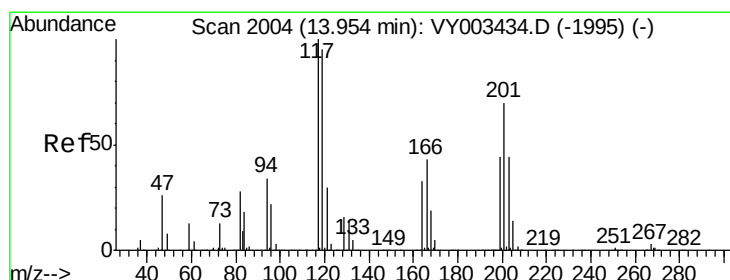
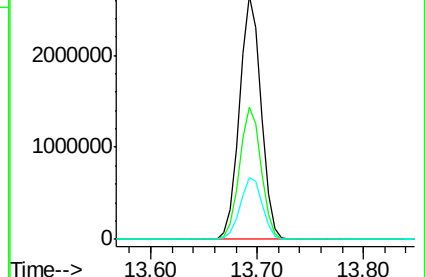
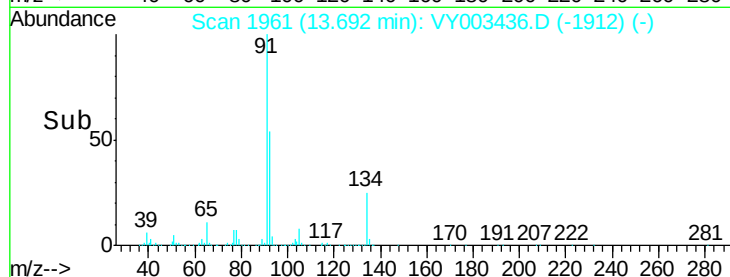
134 26.0 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY003436.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003436.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003436.D (-1953) (-)



#90

Hexachloroethane

Concen: 147.858 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003436.D

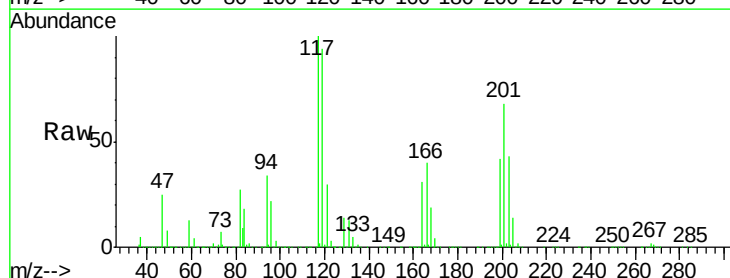
Acq: 04 Sep 2020 16:49

Tgt Ion: 117 Resp: 757383

Ion Ratio Lower Upper

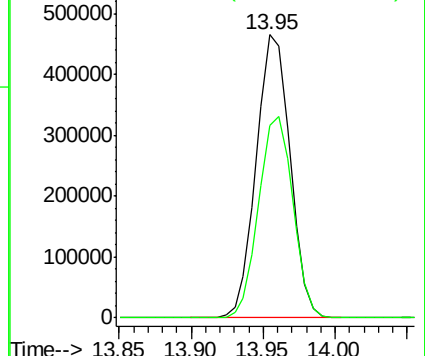
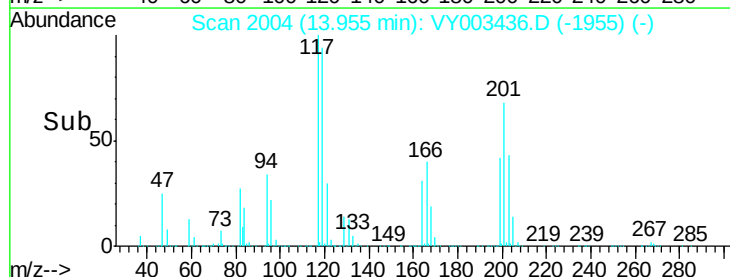
117 100

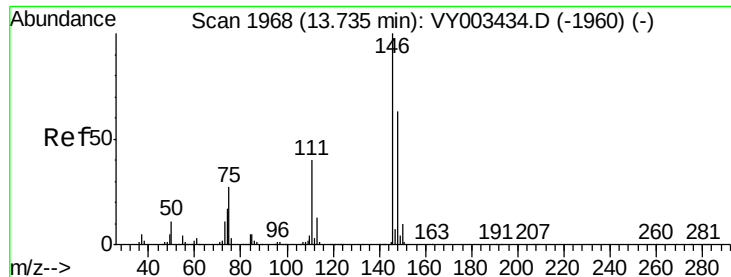
201 72.1 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VY003436.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003436.D (-1995) (-)

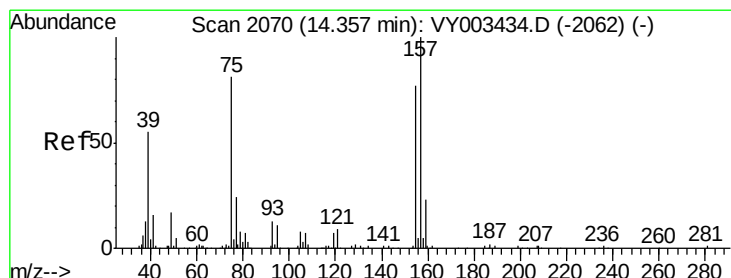
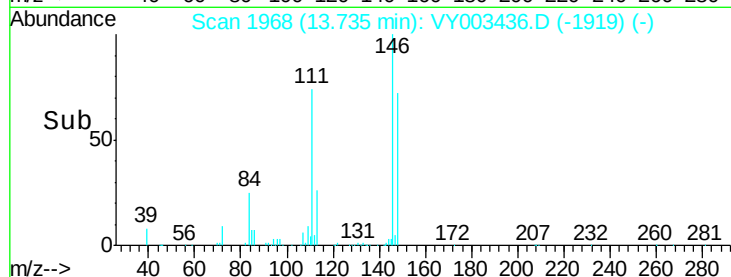
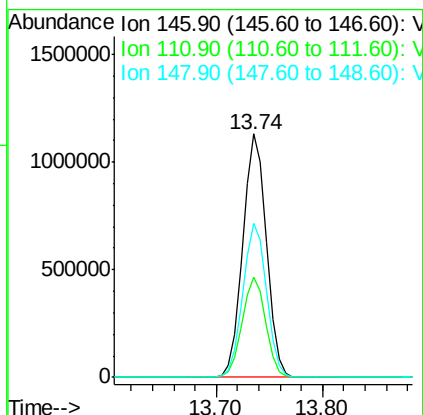
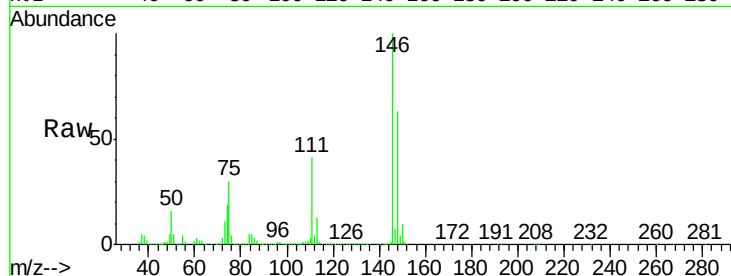




#91
 1,2-Dichlorobenzene
 Concen: 137.448 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

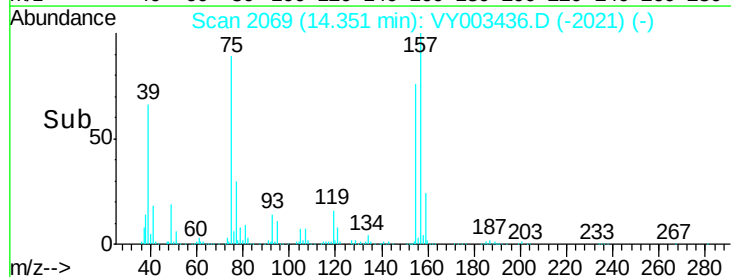
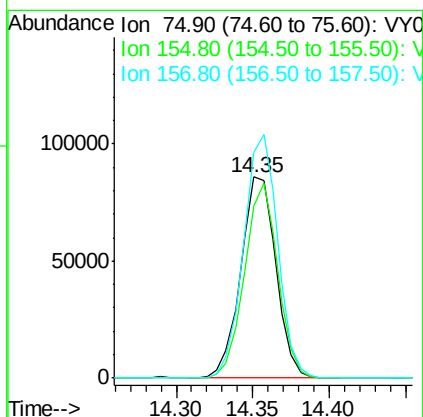
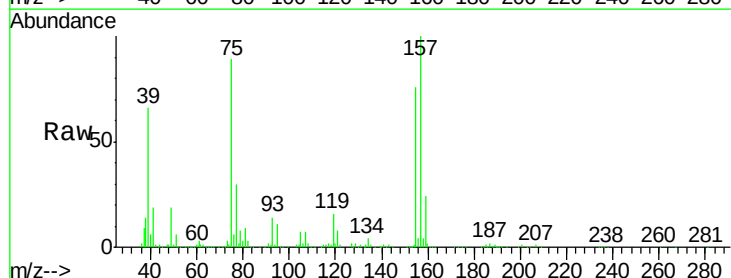
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

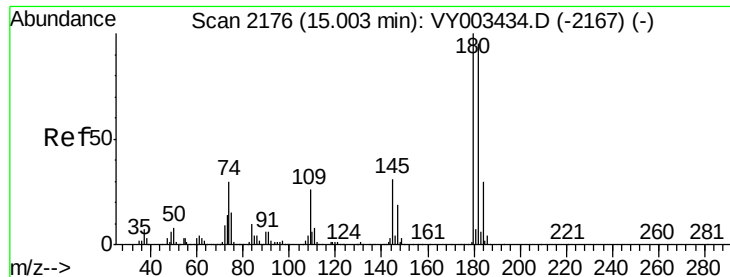
Tot Ion:146 Resp: 1762532
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.8
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 132.403 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Tgt Ion: 75 Resp: 136939
 Ion Ratio Lower Upper
 75 100
 155 91.8 47.4 142.2
 157 117.7 60.0 180.0



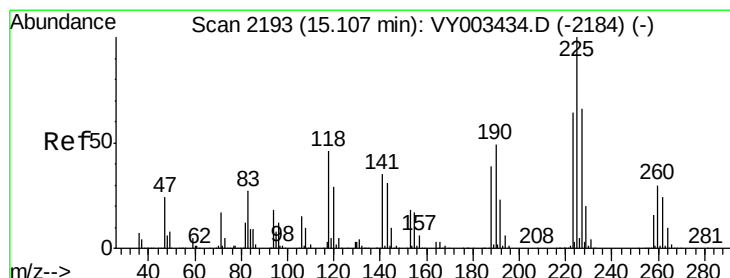
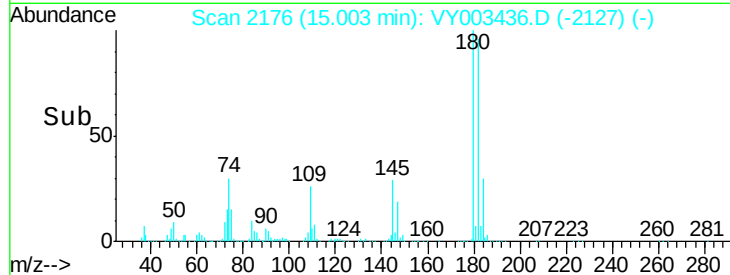
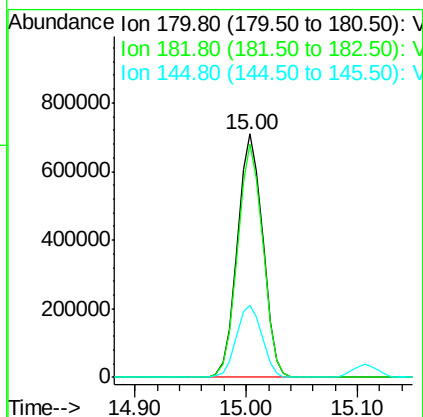
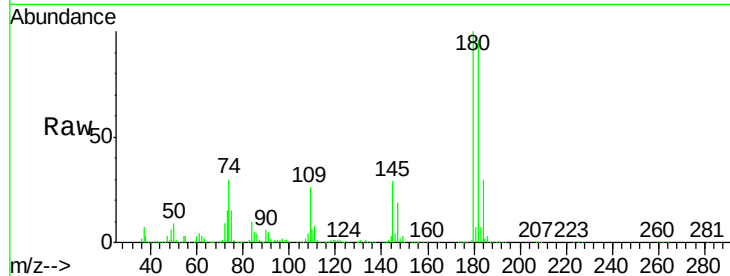


#93
 1,2,4-Trichlorobenzene
 Concen: 128.690 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1116281

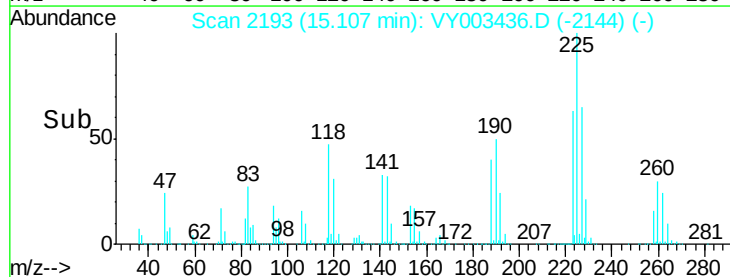
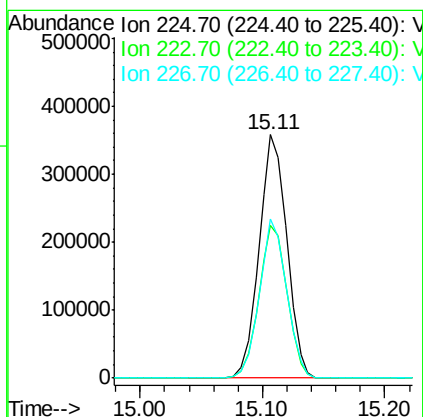
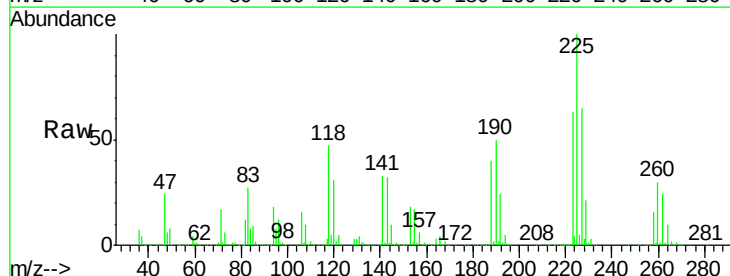
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	30.2	15.2	45.6

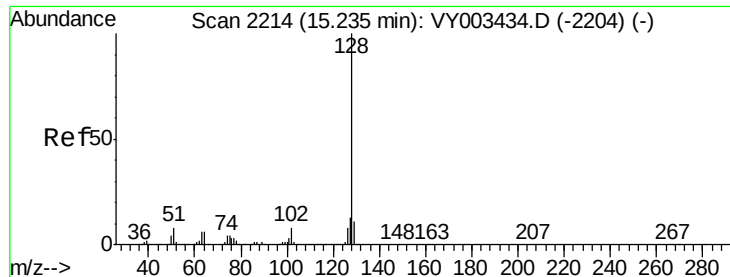


#94
 Hexachlorobutadiene
 Concen: 121.943 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

Tgt Ion:225 Resp: 566215

Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.0	96.0
227	64.1	32.2	96.6

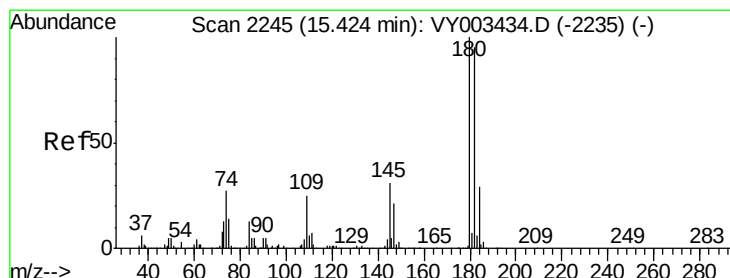
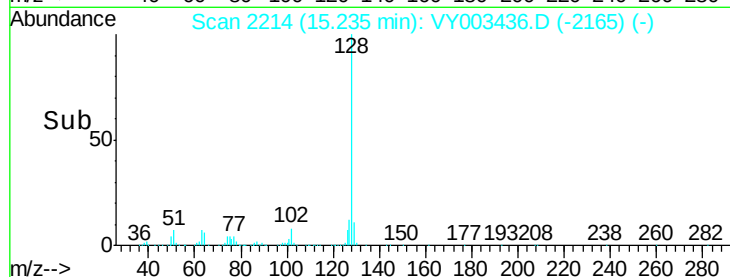
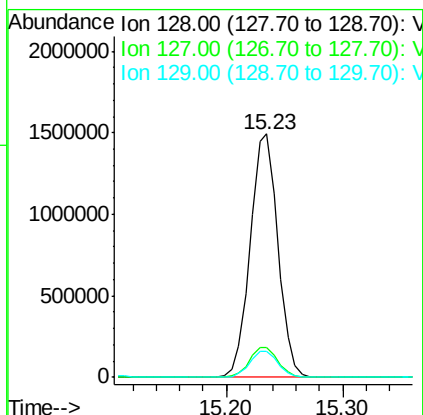
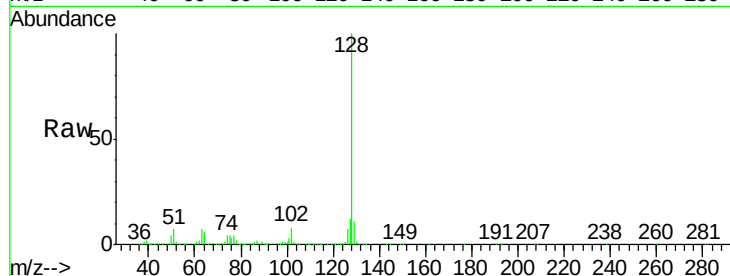




#95
Naphthalene
Concen: 136.869 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 2475104
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 126.834 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion:180 Resp: 977231
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 32.6 15.9 47.7

