

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 00:35:12 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	7.35	41	1132691	318.889	ug/l #	100
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	1210907	264.796	ug/l #	100
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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Quant Title : SW846 8260
QLast Update : Sat Sep 05 00:29:30 2020
Response via : Initial Calibration

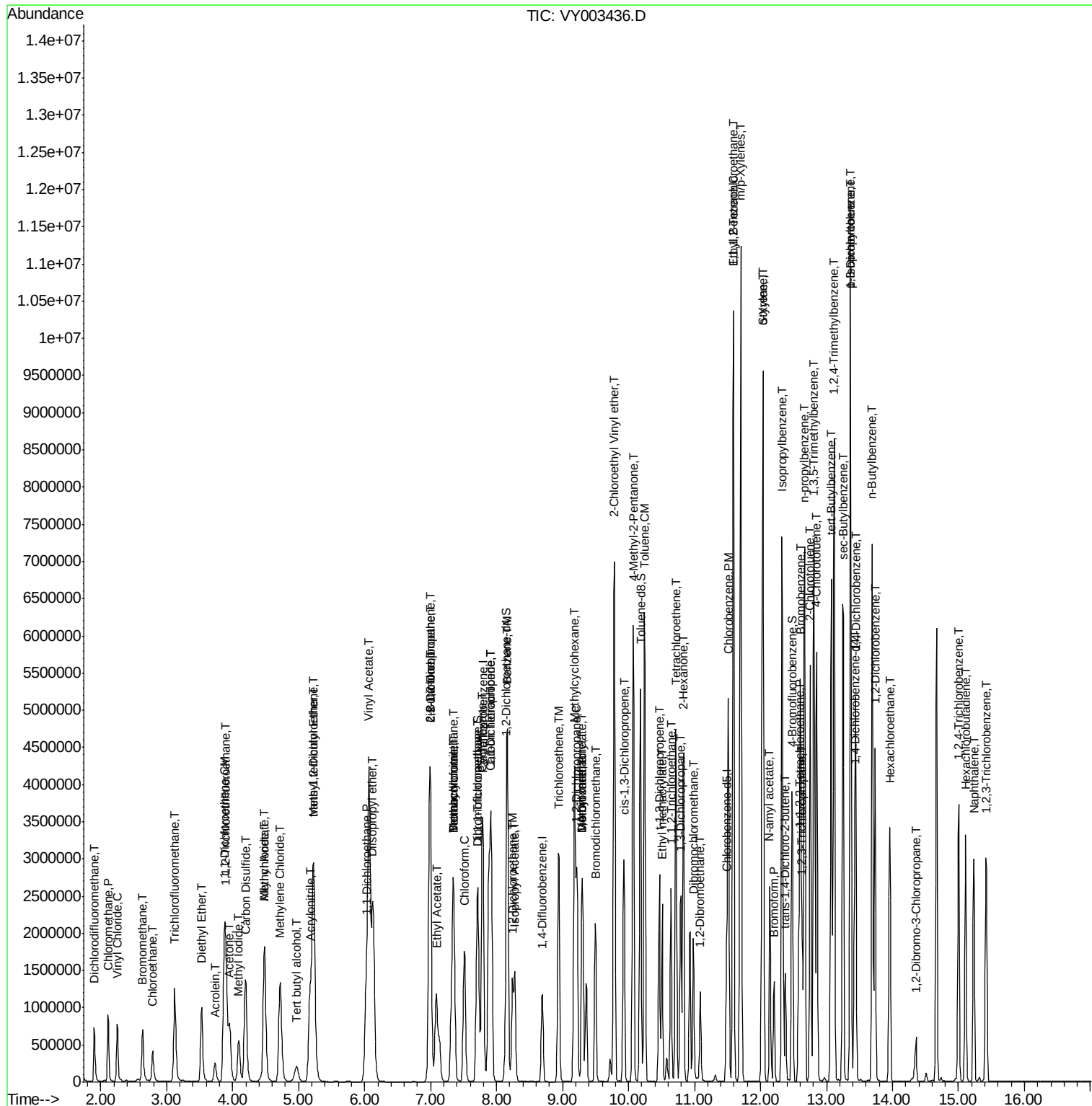
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	1116281	128.690	ug/l	100
94) Hexachlorobutadiene	15.11	225	566215	121.943	ug/l	100
95) Naphthalene	15.23	128	2475104	136.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	977231	126.834	ug/l	98

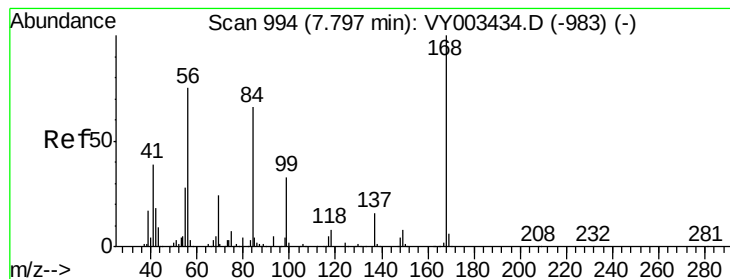
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

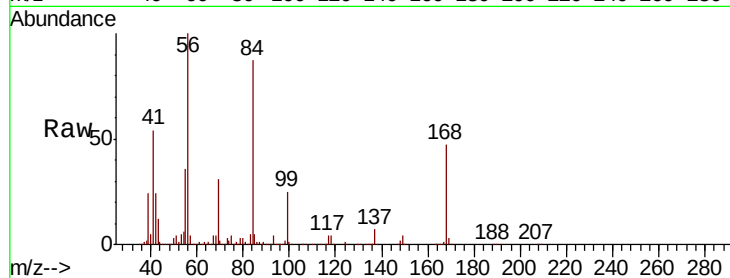
VSTDIC150

Tot Ion:168 Resp: 612367

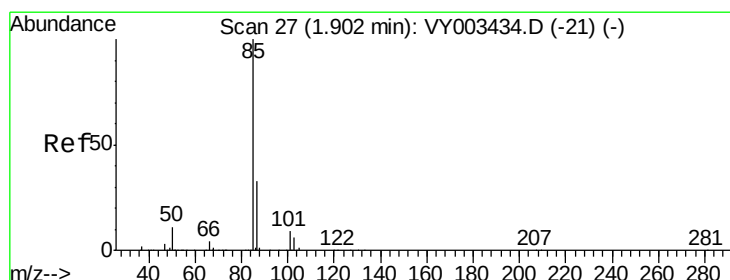
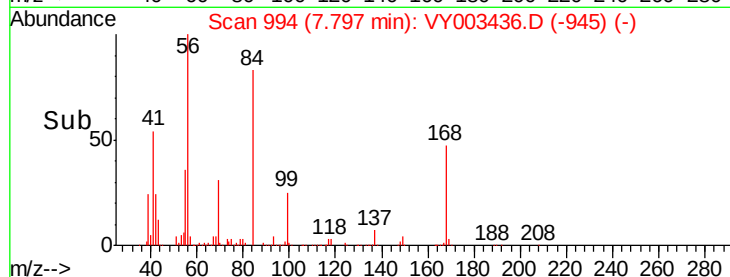
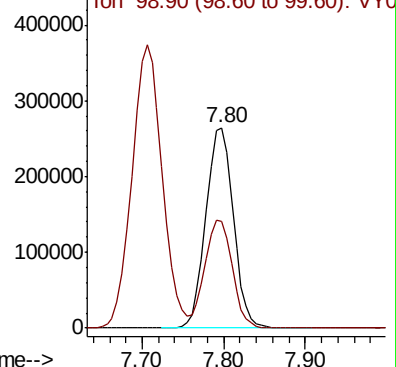
Ion Ratio Lower Upper

168 100

99 52.9 40.2 60.2



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



#2

Dichlorodifluoromethane

Concen: 120.044 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003436.D

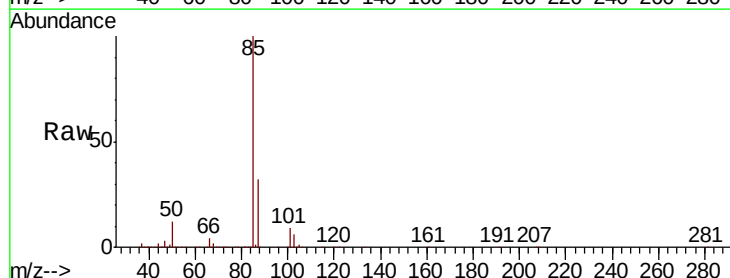
Acq: 04 Sep 2020 16:49

Tgt Ion: 85 Resp: 618217

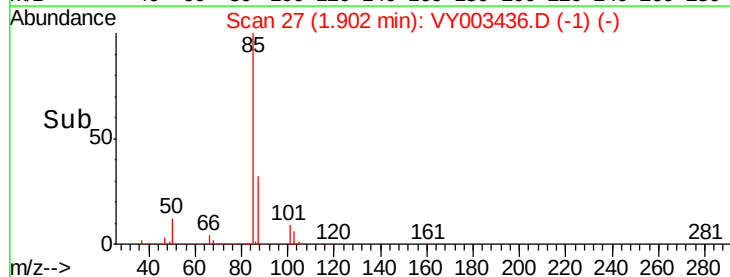
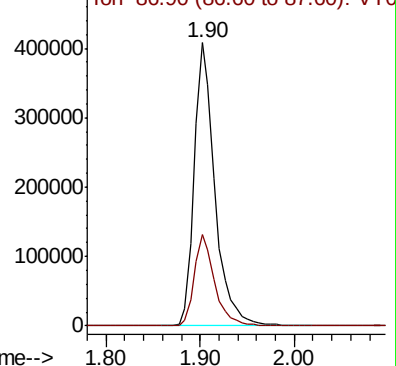
Ion Ratio Lower Upper

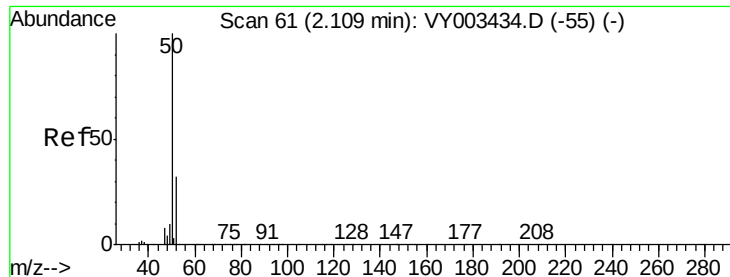
85 100

87 32.1 16.3 48.9



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





#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 :

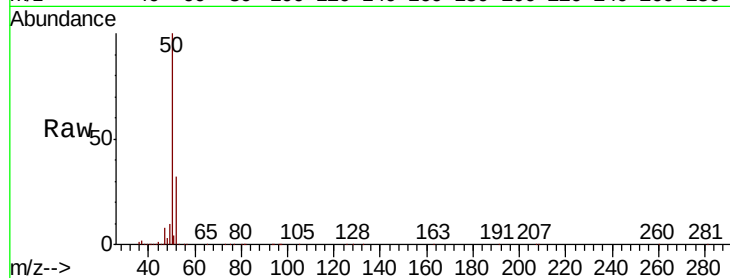
VSTDIC150

Tot Ion: 50 Resp: 844633

Ion Ratio Lower Upper

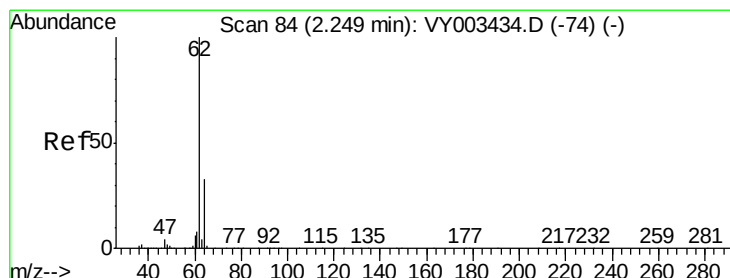
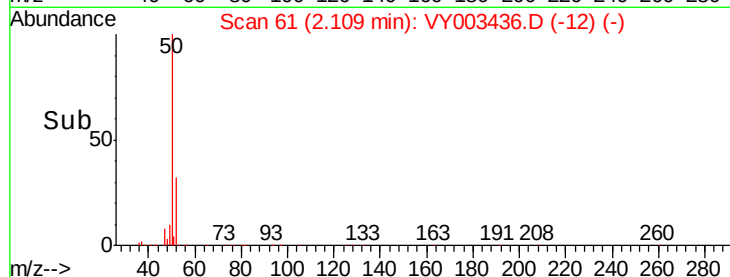
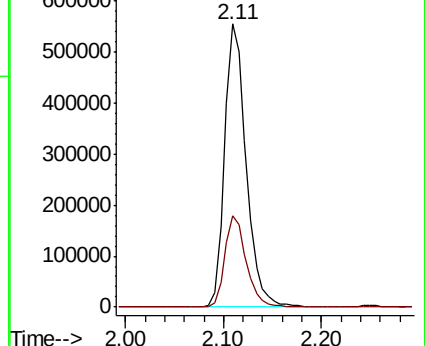
50 100

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

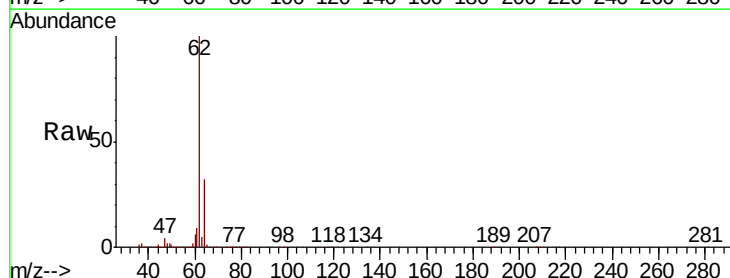
Acq: 04 Sep 2020 16:49

Tgt Ion: 62 Resp: 755844

Ion Ratio Lower Upper

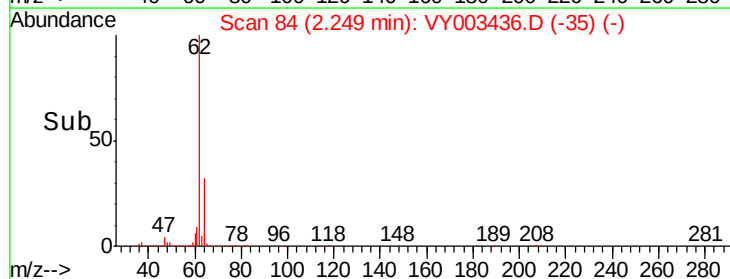
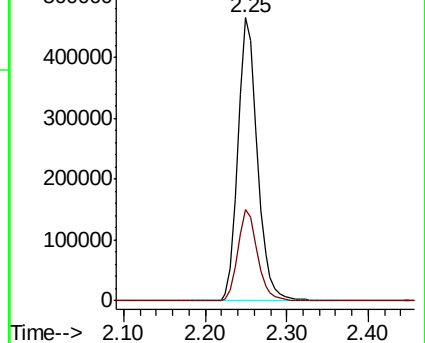
62 100

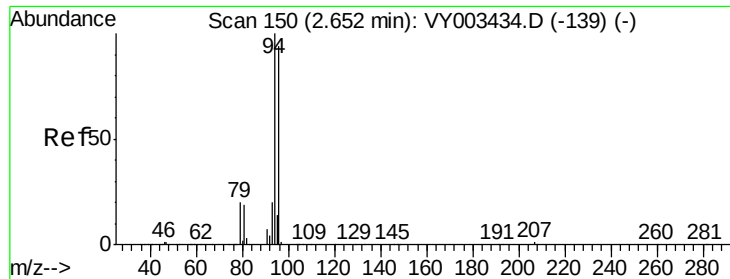
64 32.1 26.1 39.1



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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ClientSampleId :

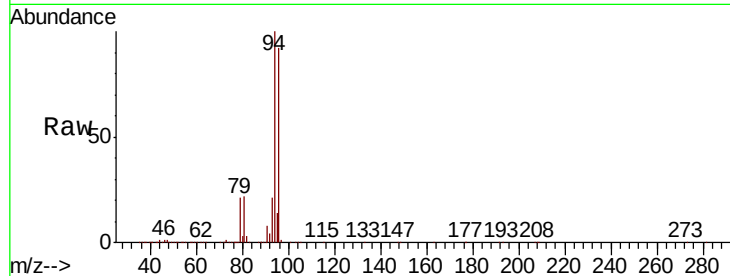
VSTDIC150

Tot Ion: 94 Resp: 494788

Ion Ratio Lower Upper

94 100

96 91.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

250000

200000

150000

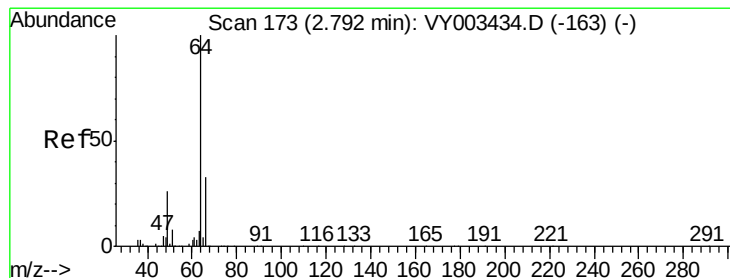
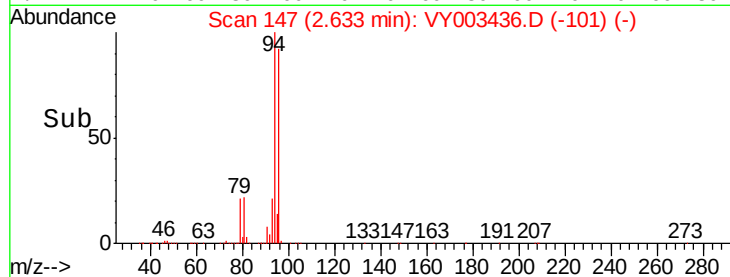
100000

50000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 144.333 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY003436.D

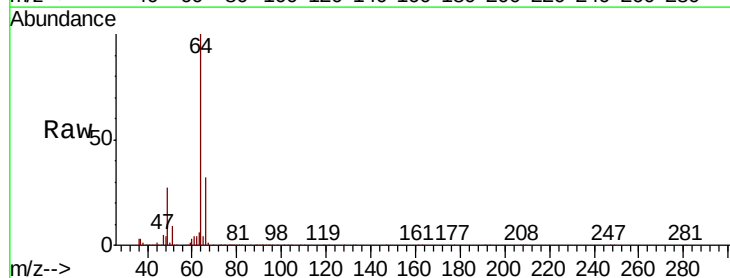
Acq: 04 Sep 2020 16:49

Tgt Ion: 64 Resp: 426765

Ion Ratio Lower Upper

64 100

66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

200000

150000

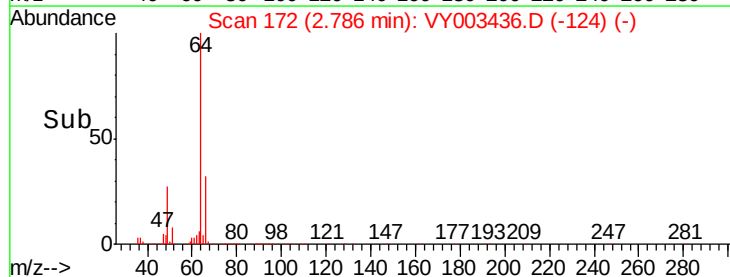
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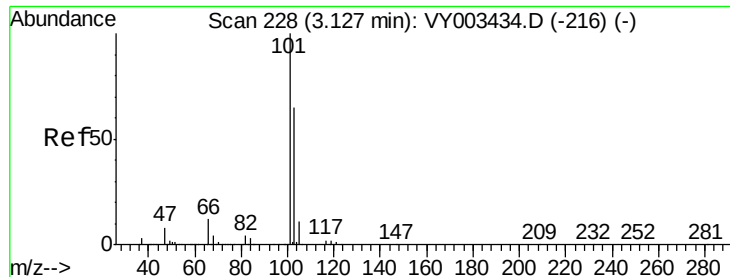
50000

0

Time-->

2.70 2.80 2.90



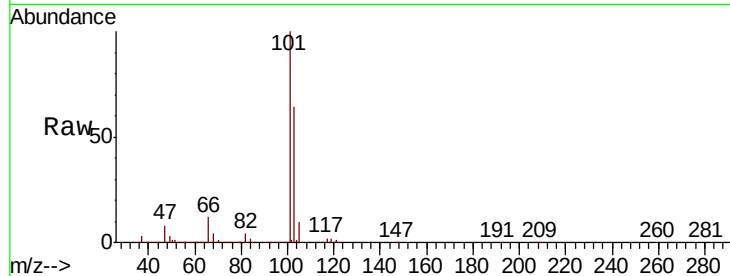


#7

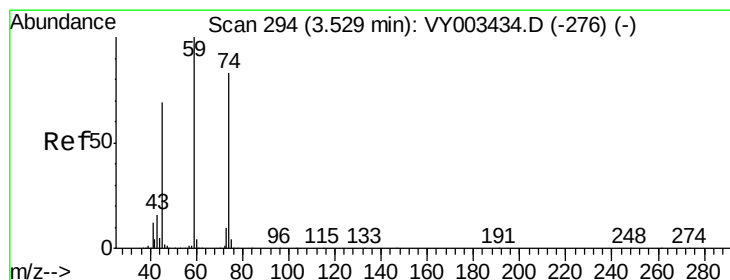
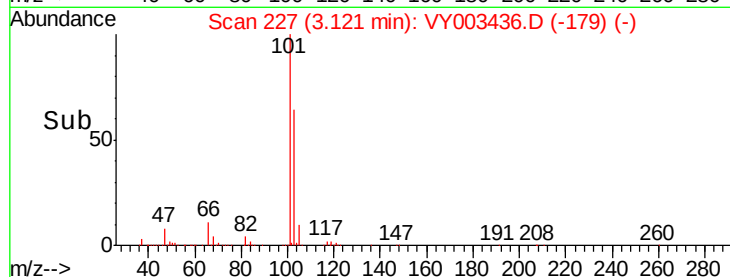
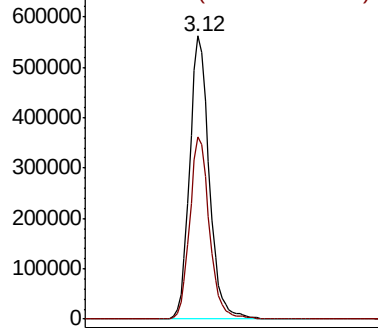
Trichlorofluoromethane
Concen: 139.777 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

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



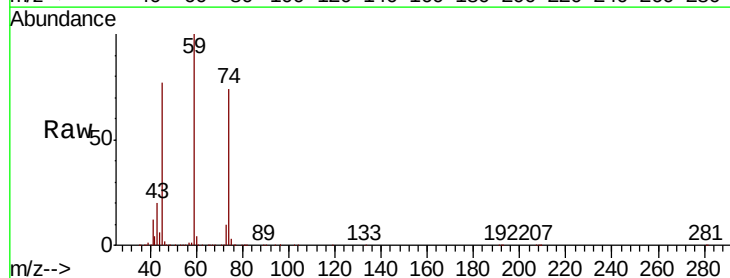
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



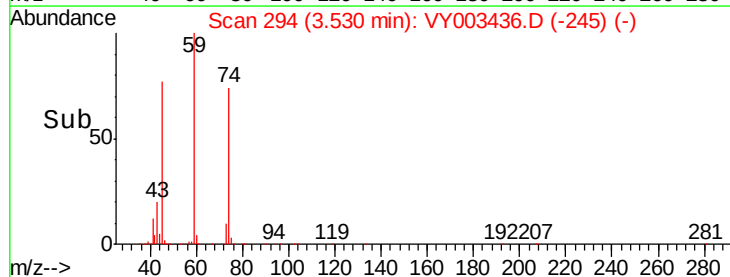
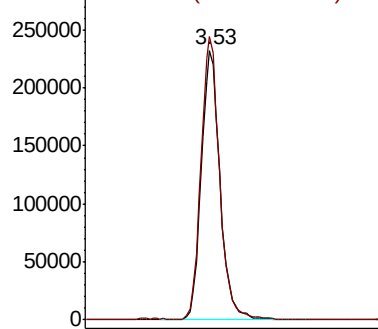
#8

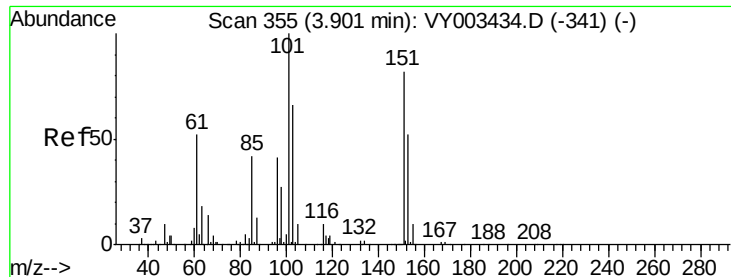
Diethyl Ether
Concen: 140.660 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

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

Lab File: VY003436.D

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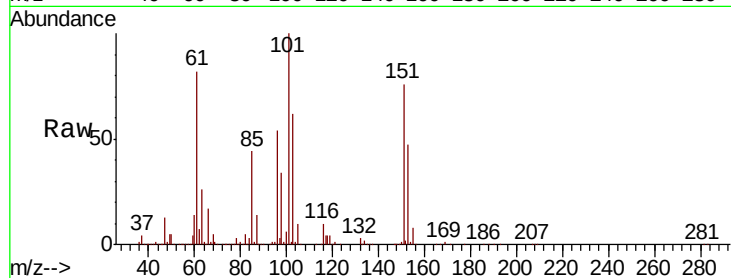
Tot Ion:101 Resp: 879390

Ion Ratio Lower Upper

101 100

85 43.2 33.1 49.7

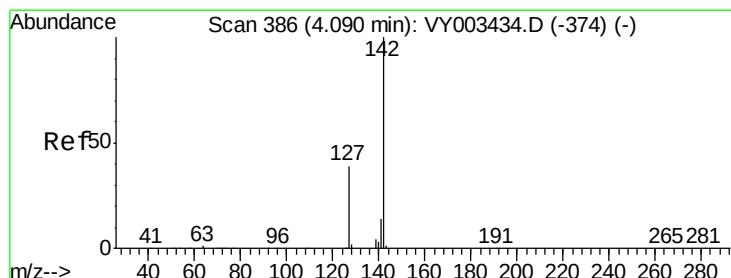
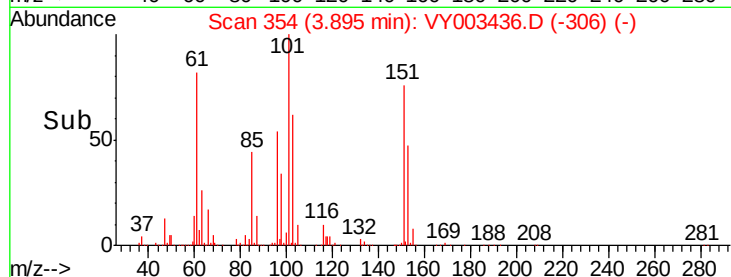
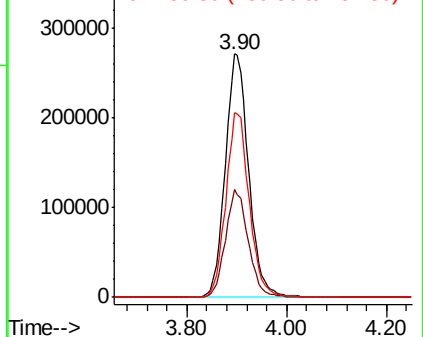
151 76.0 65.2 97.8



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

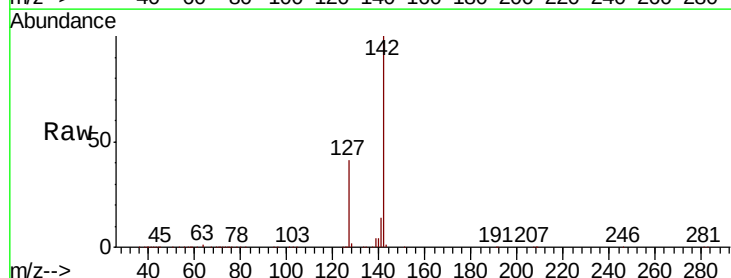
Tgt Ion:142 Resp: 933468

Ion Ratio Lower Upper

142 100

127 41.1 30.5 45.7

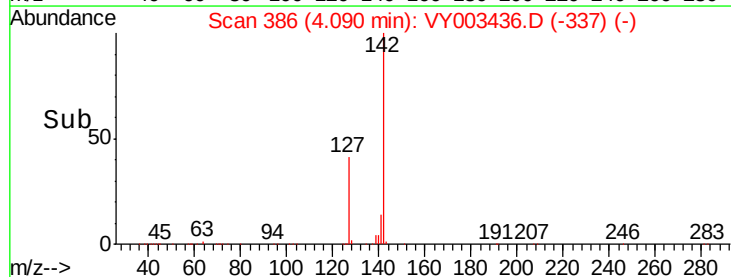
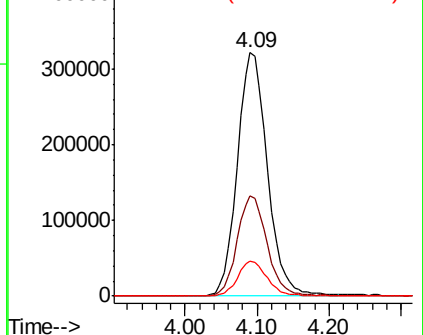
141 14.2 11.4 17.2

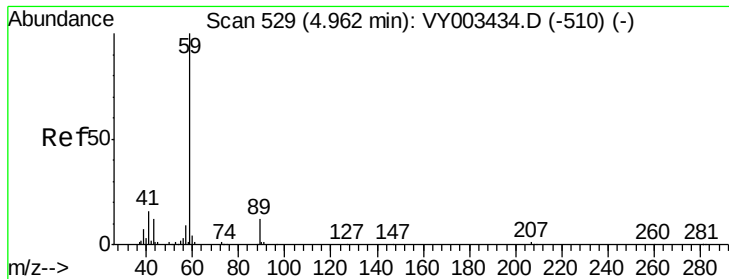


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



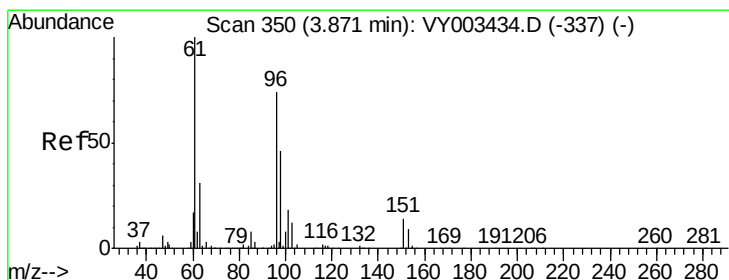
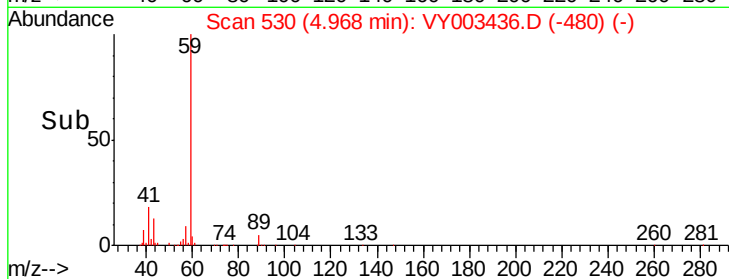
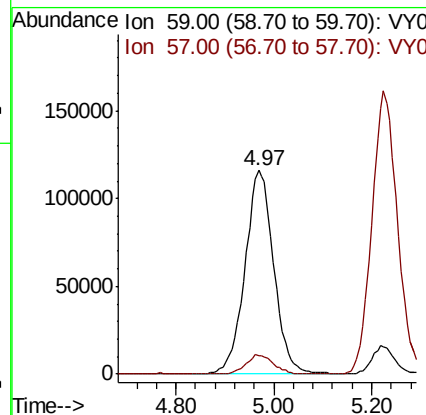
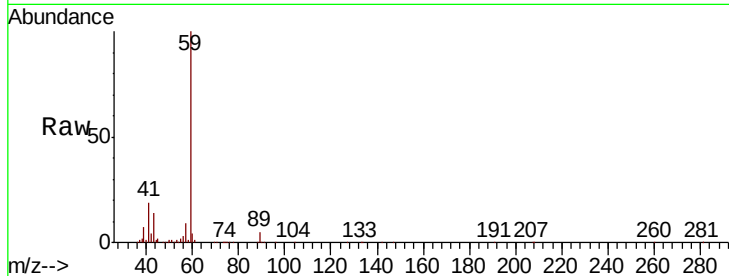


#11

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

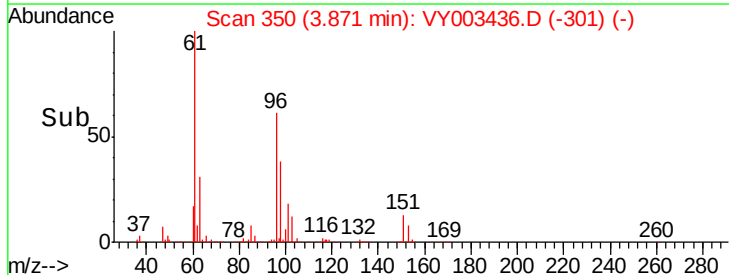
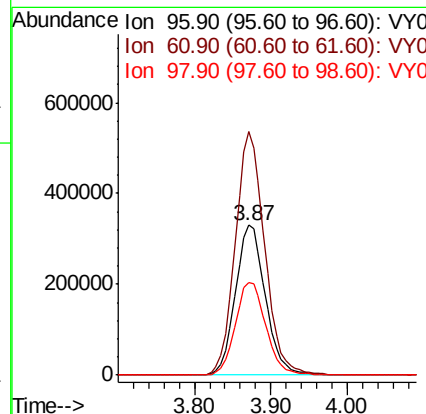
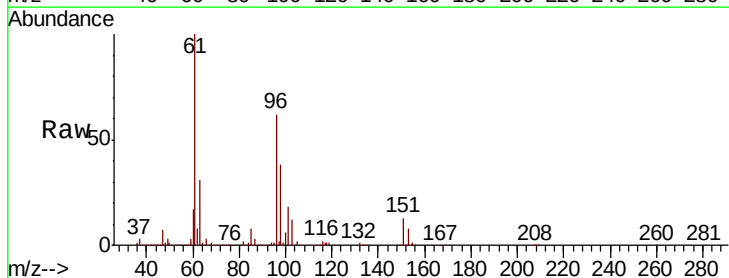
Tot Ion: 59 Resp: 470925
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.4 11.0

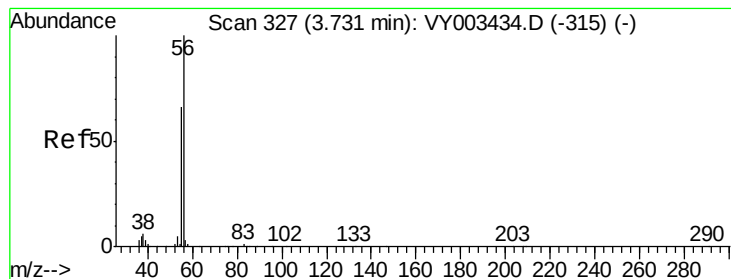


#12

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 :

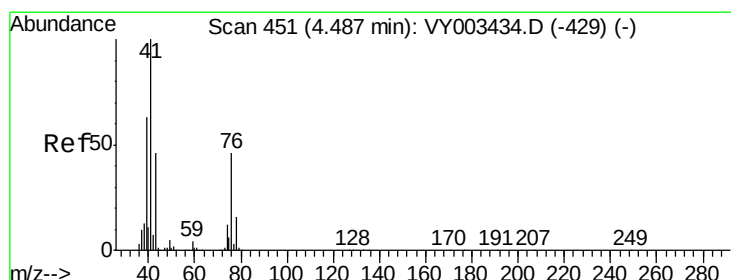
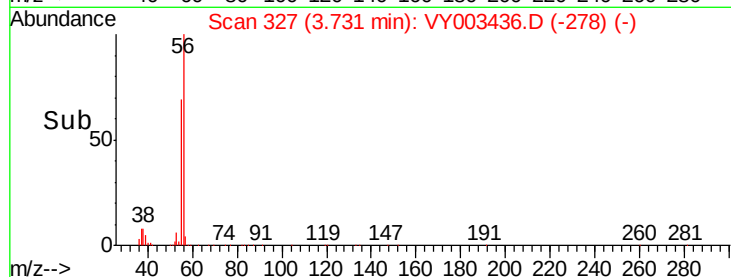
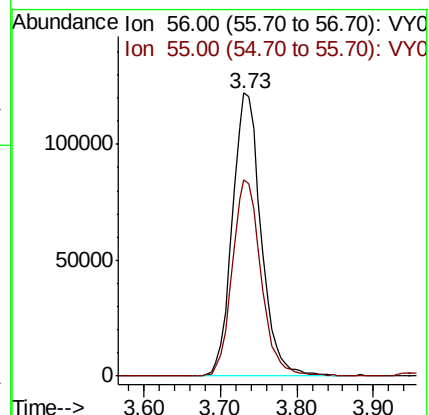
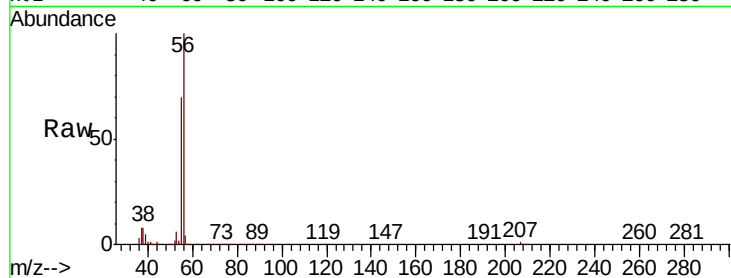
VSTDIC150

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

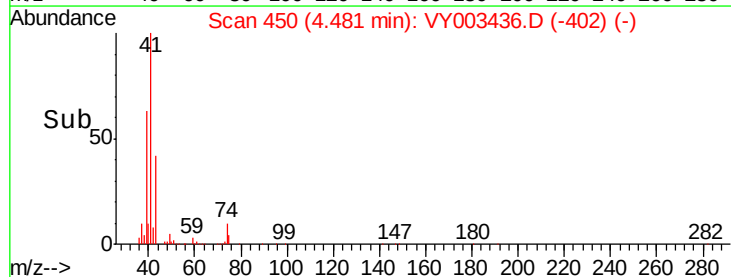
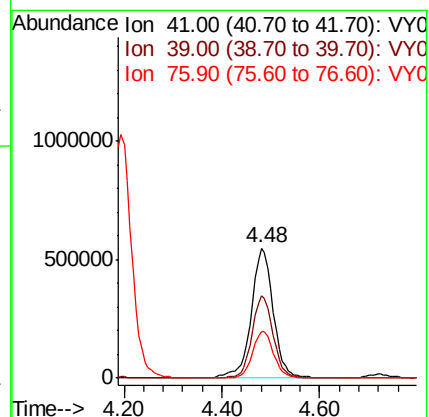
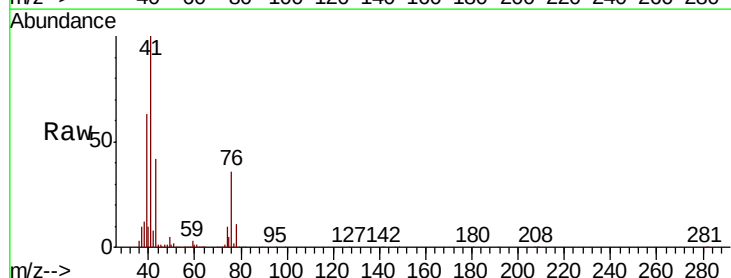
Tgt Ion: 41 Resp: 1711837

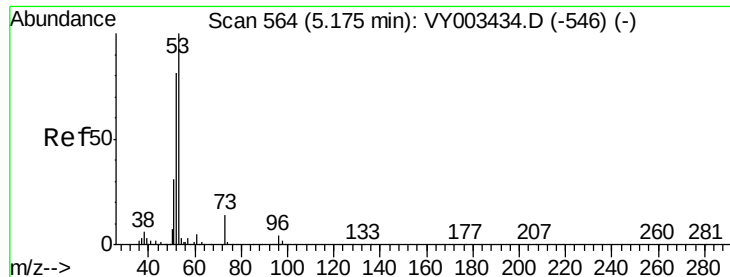
Ion Ratio Lower Upper

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

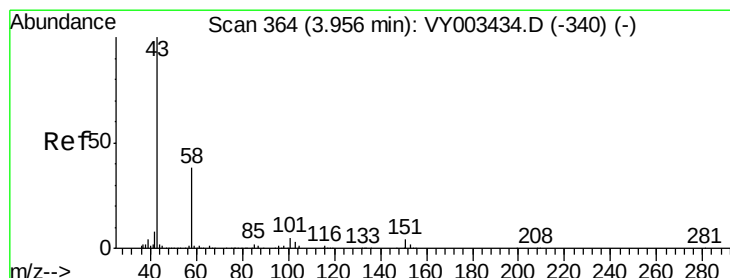
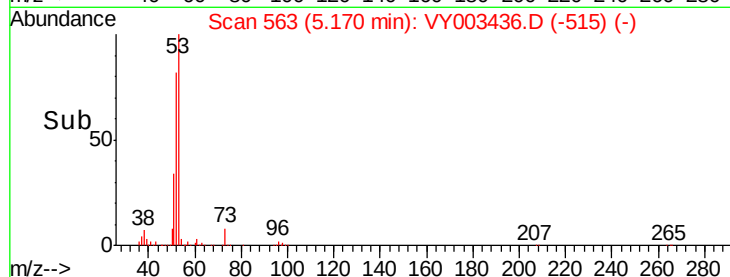
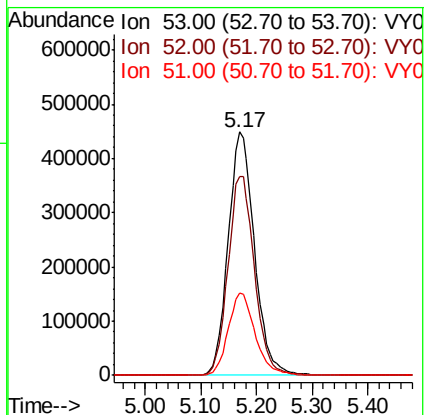
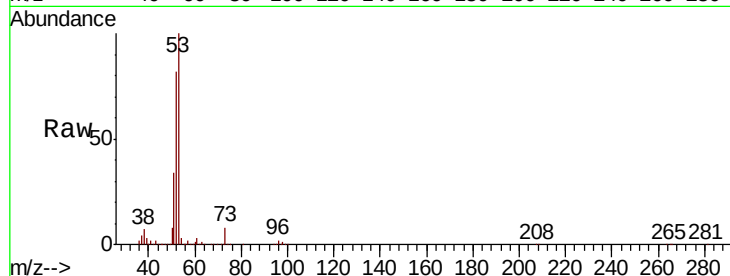
Tot Ion: 53 Resp: 1466460

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

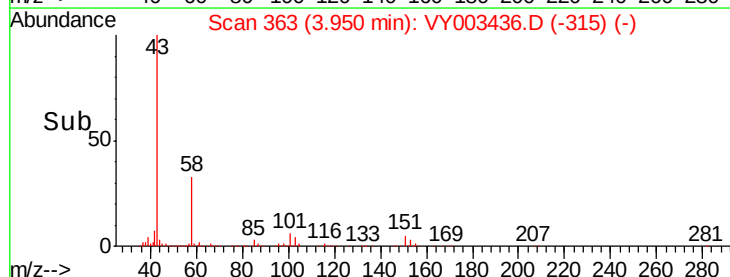
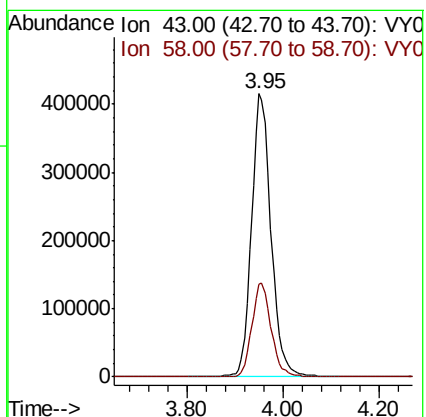
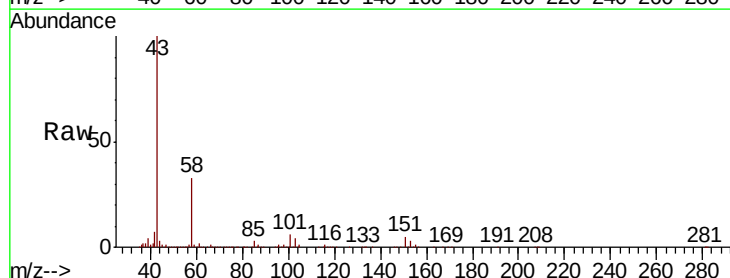
Acq: 04 Sep 2020 16:49

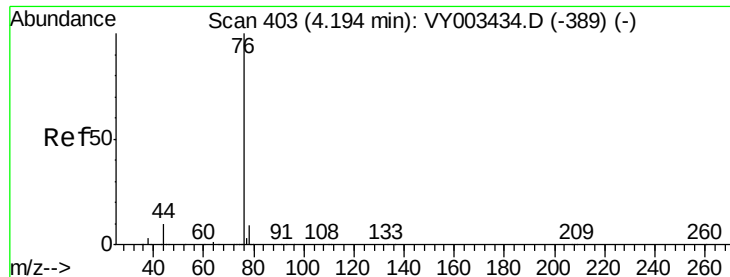
Tgt Ion: 43 Resp: 1168498

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 :

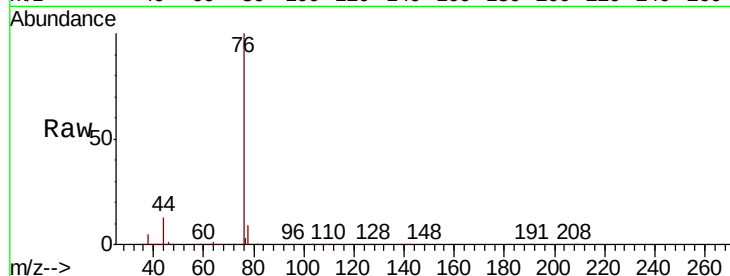
VSTDIC150

Tot Ion: 76 Resp: 2879326

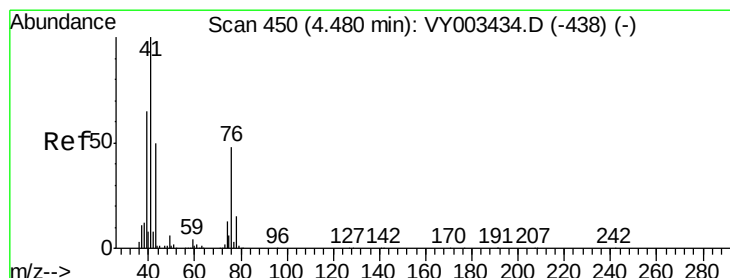
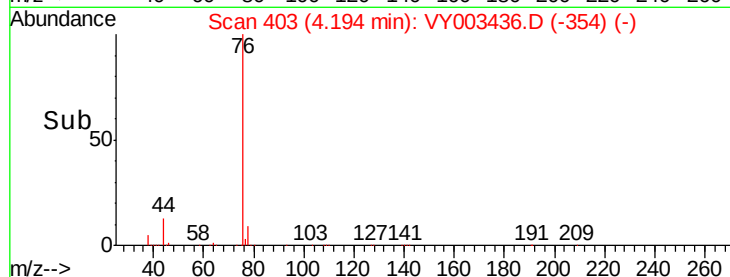
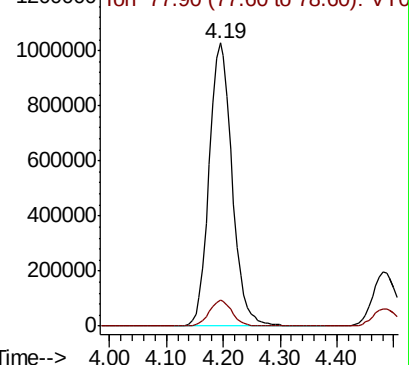
Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY003436.D (-389) (-)



#18

Methyl Acetate

Concen: 145.468 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003436.D

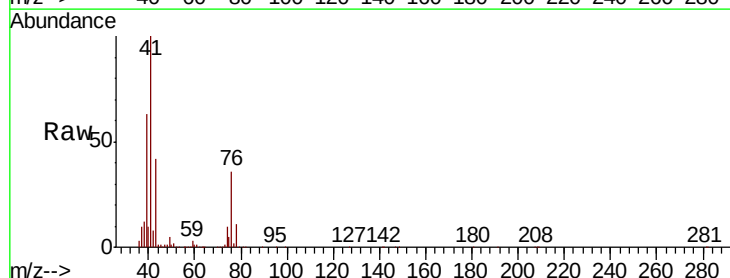
Acq: 04 Sep 2020 16:49

Tgt Ion: 43 Resp: 702796

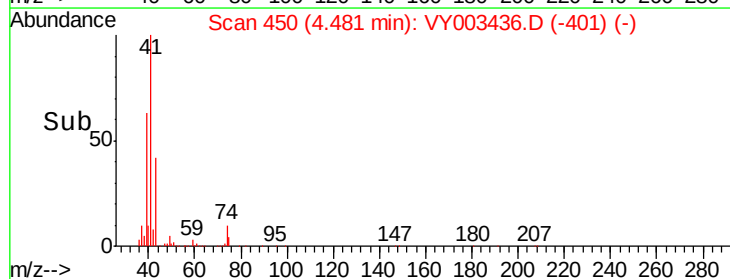
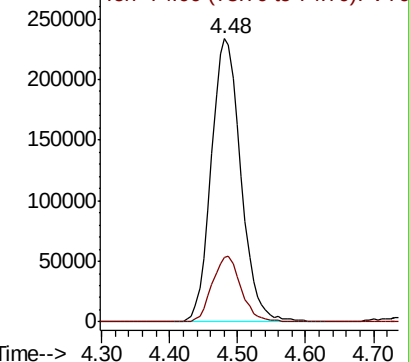
Ion Ratio Lower Upper

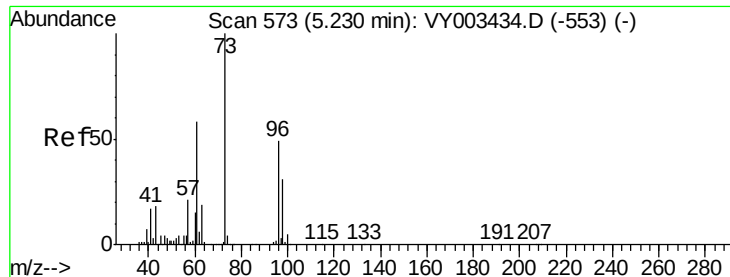
43 100

74 22.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY003436.D (-438) (-)



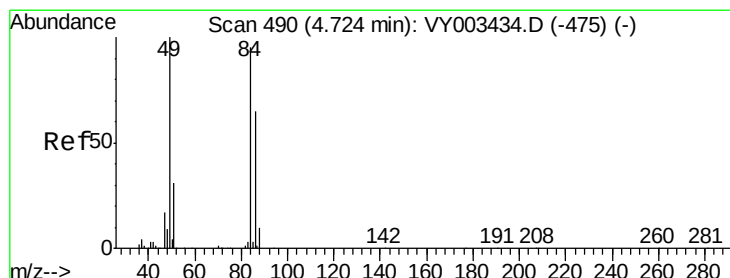
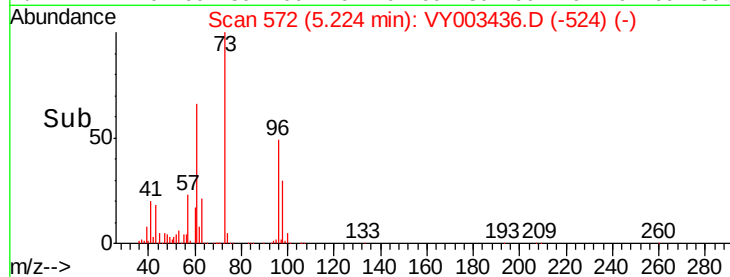
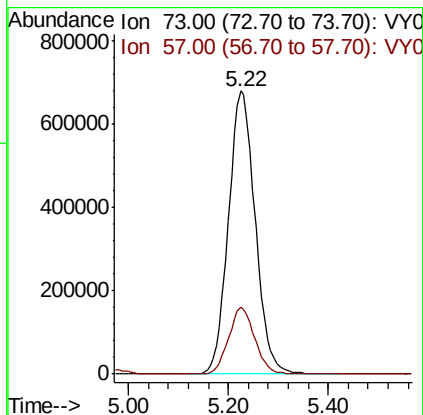
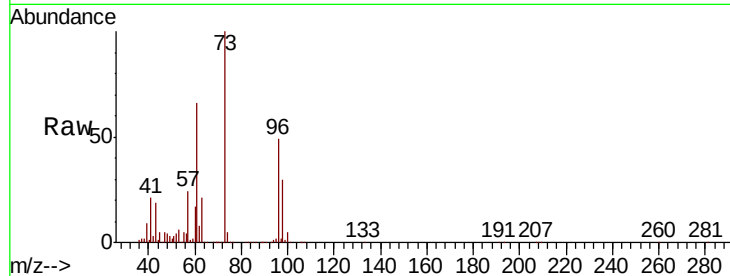


#19

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

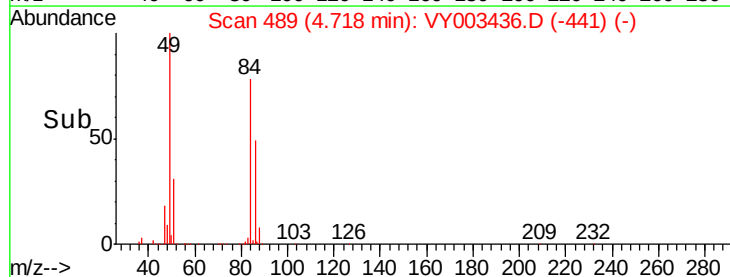
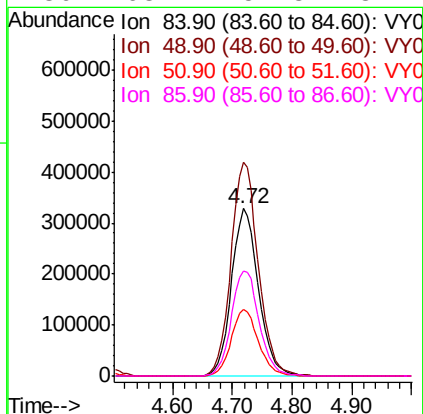
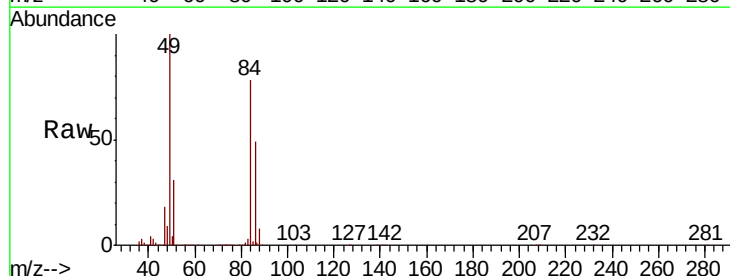
Tot Ion: 73 Resp: 2529670
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.0 25.6

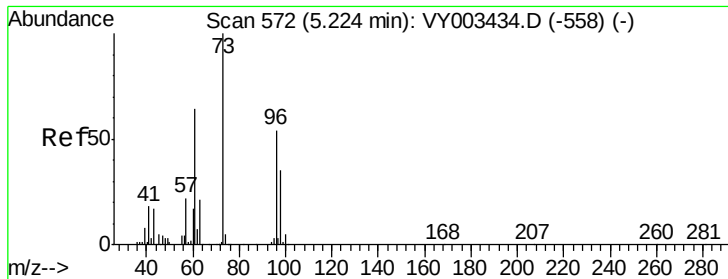


#20

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 :

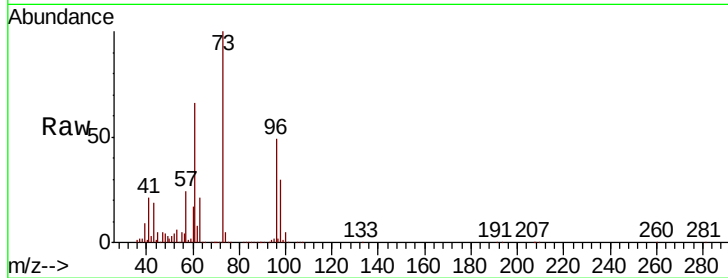
MSVOA_Y

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

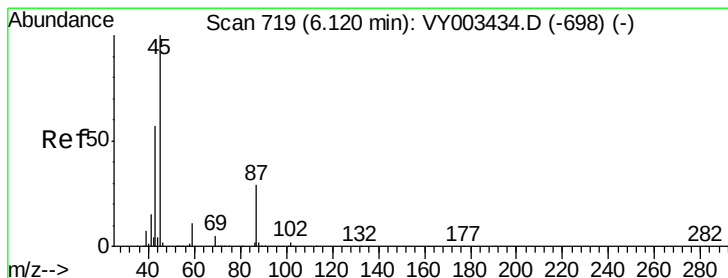
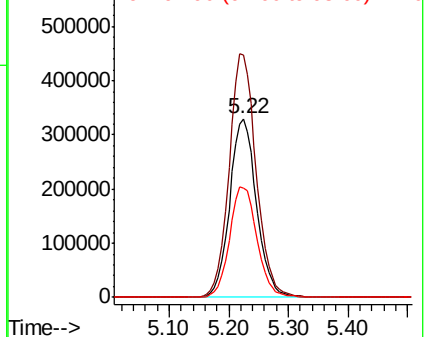
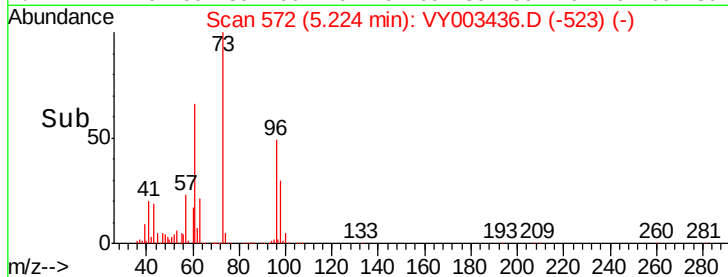


Abundance

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

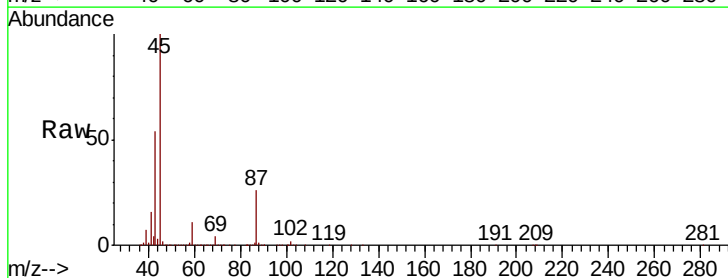
Delta R.T. 0.01 min

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



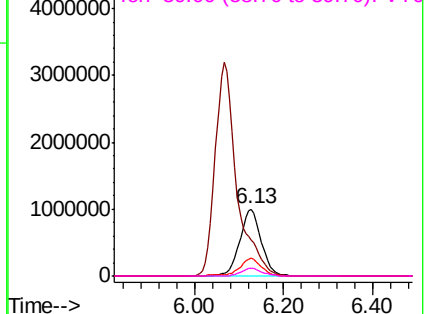
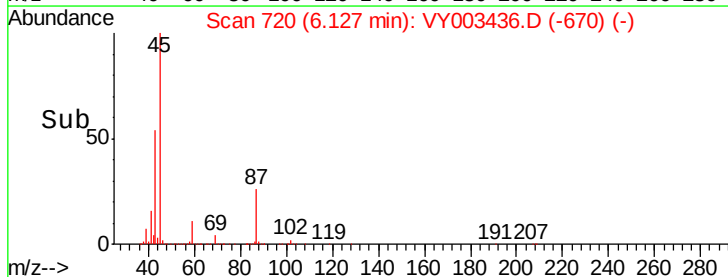
Abundance

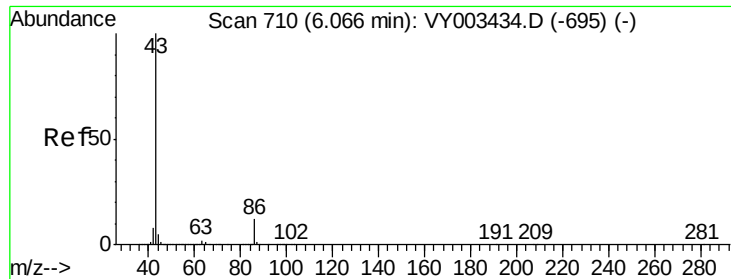
Ion 45.00 (44.70 to 45.70): VY0

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

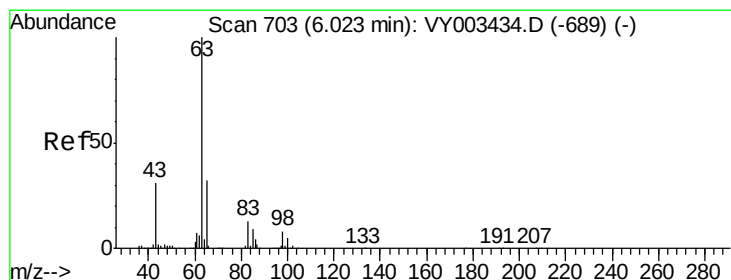
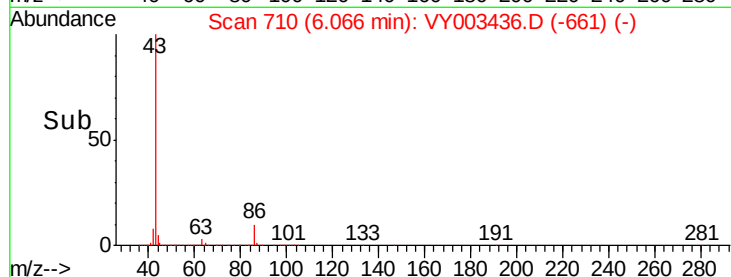
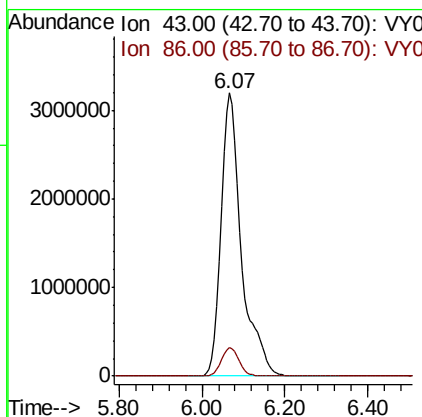
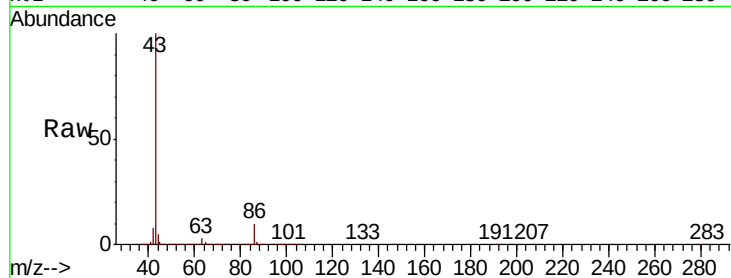




#23
 Vinyl Acetate
 Concen: 730.599 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

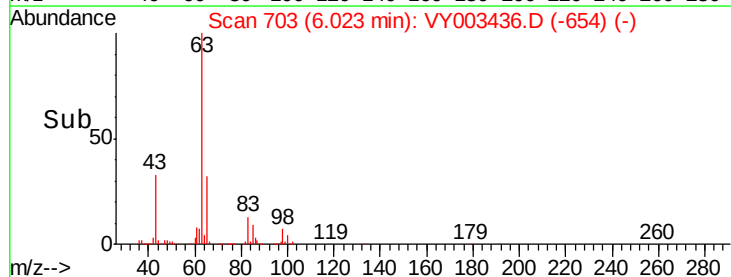
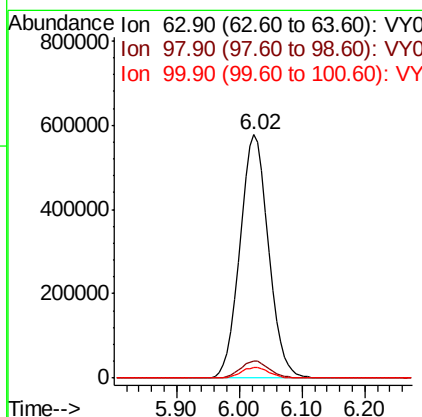
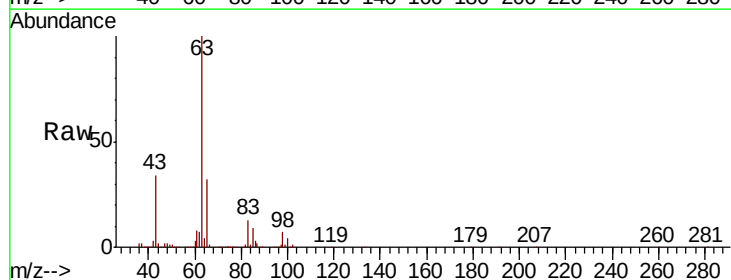
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

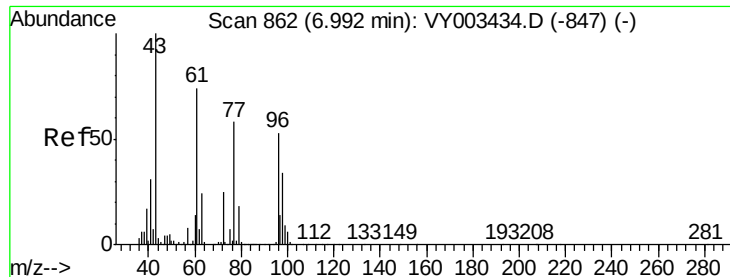
Tot Ion: 43 Resp:10802088
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.9 14.9



#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





#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 :

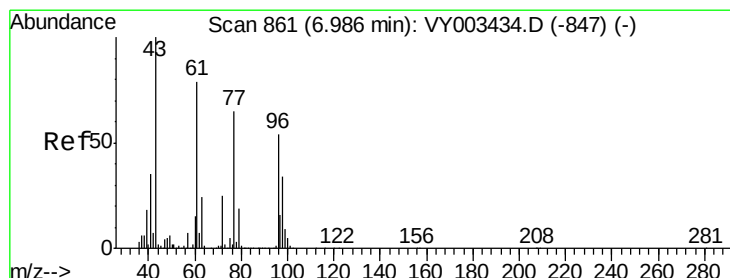
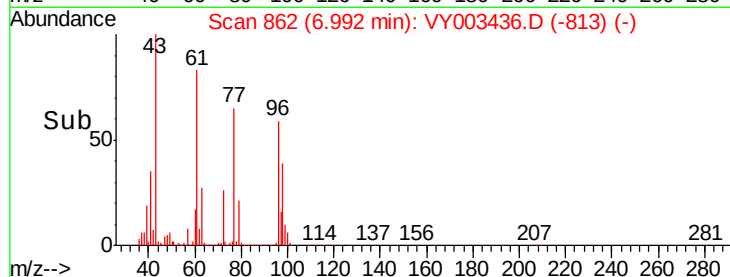
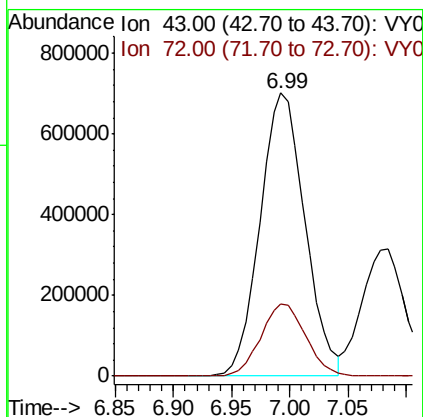
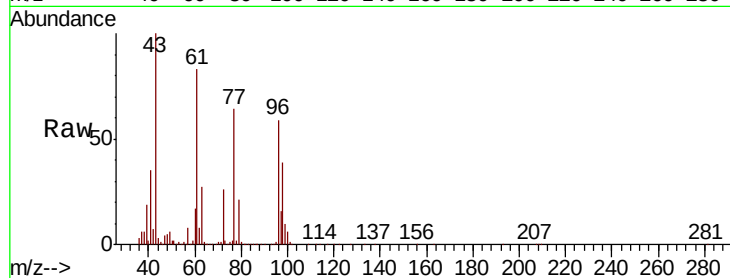
VSTDIC150

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

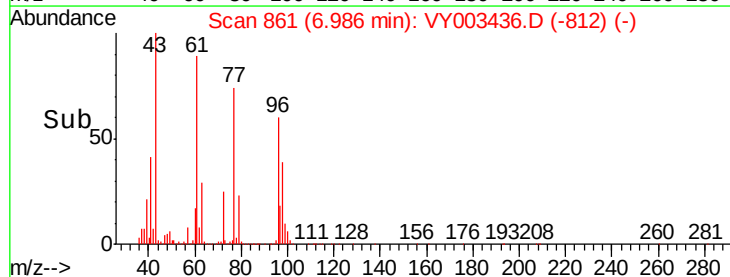
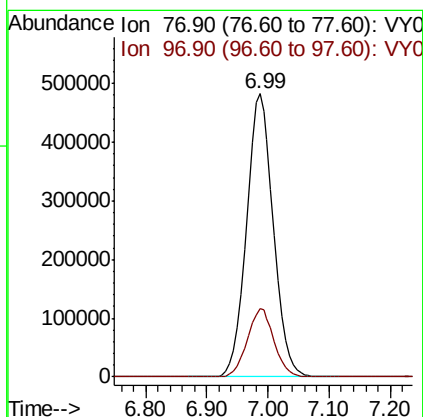
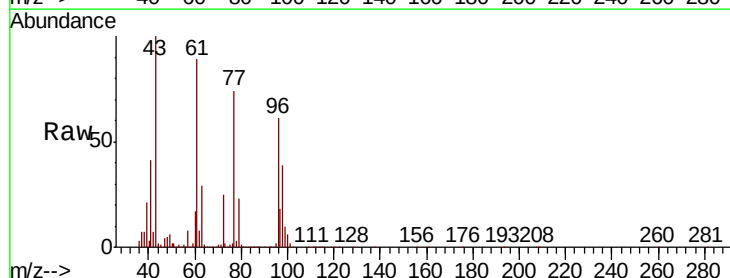
Acq: 04 Sep 2020 16:49

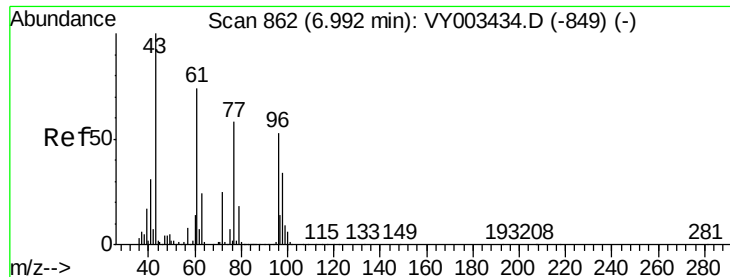
Tgt Ion: 77 Resp: 1471353

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3



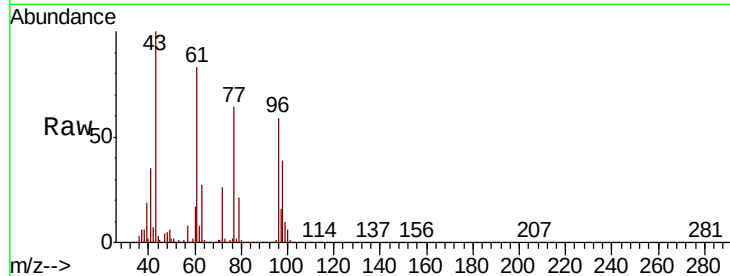


#27

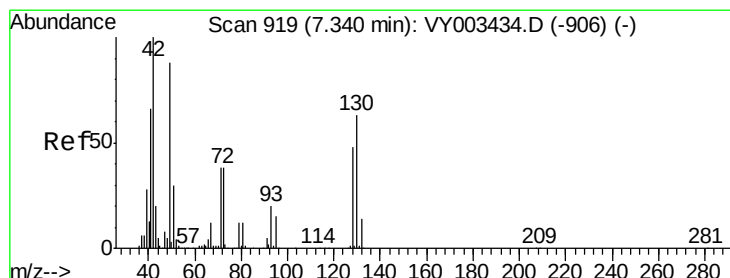
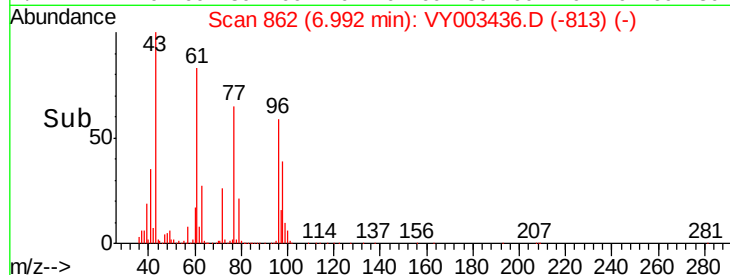
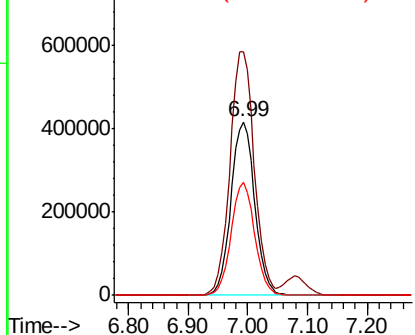
cis-1,2-Dichloroethene
Concen: 141.872 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

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



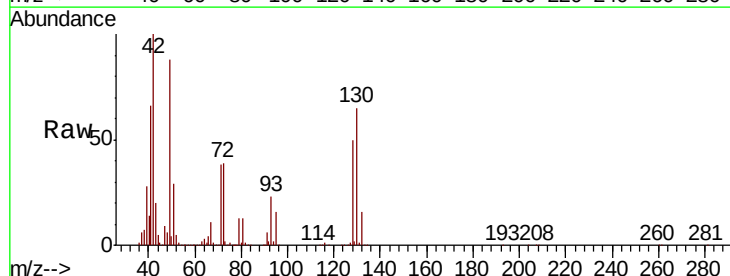
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



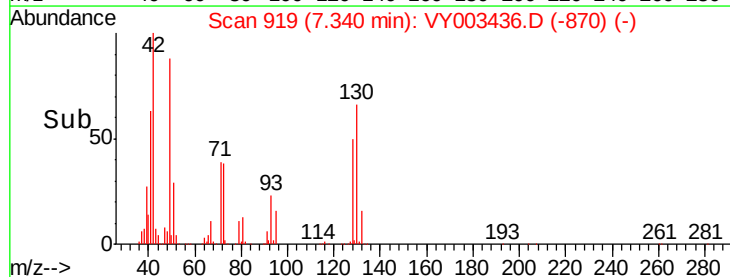
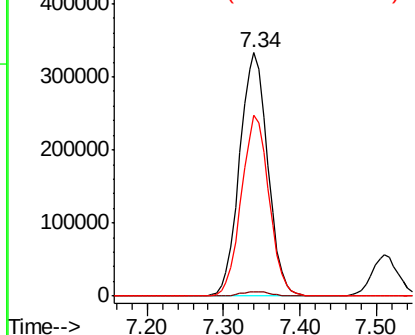
#28

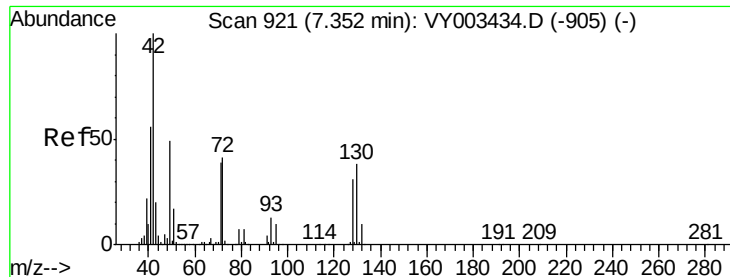
Bromochloromethane
Concen: 136.907 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

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): V
Ion 129.80 (129.50 to 130.50): V





#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

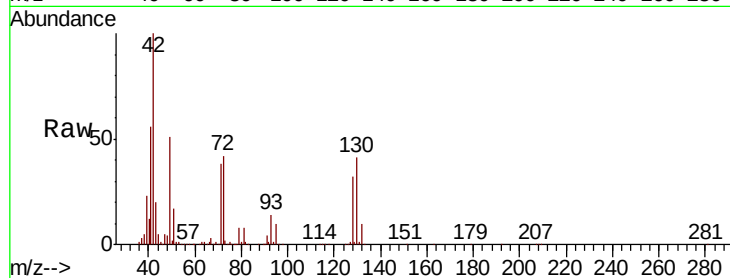
Tot Ion: 42 Resp: 1254896

Ion Ratio Lower Upper

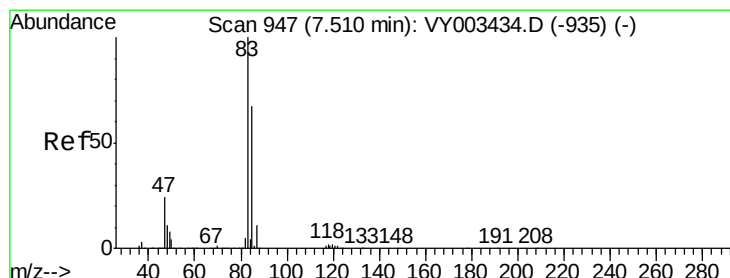
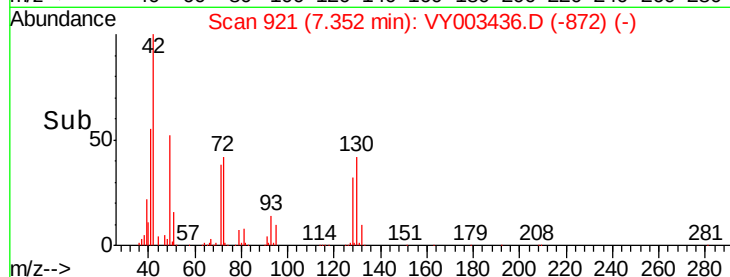
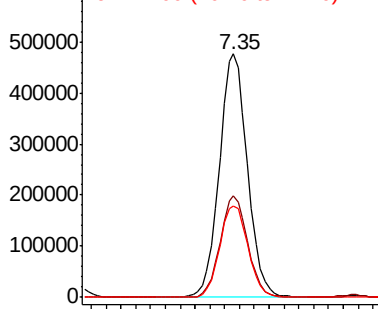
42 100

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



#30

Chloroform

Concen: 144.222 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003436.D

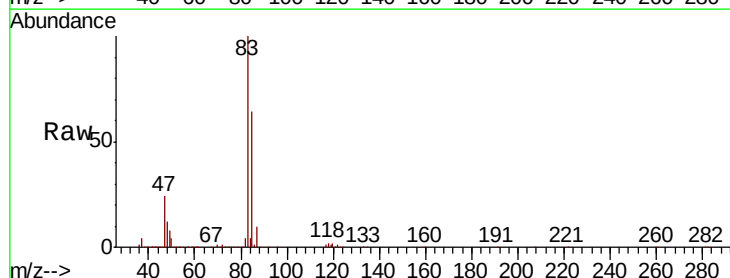
Acq: 04 Sep 2020 16:49

Tgt Ion: 83 Resp: 1757620

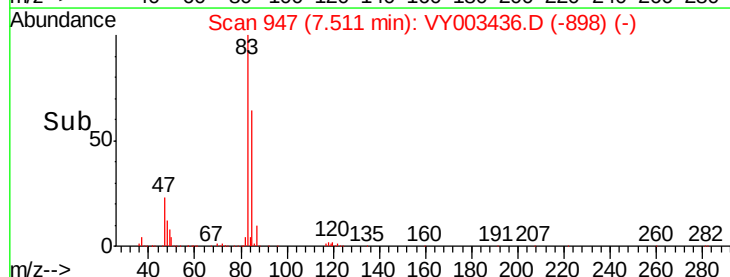
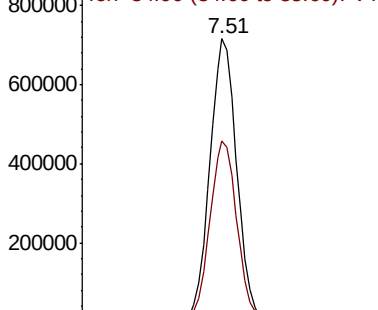
Ion Ratio Lower Upper

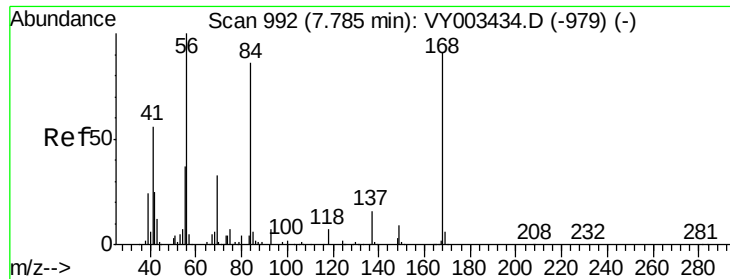
83 100

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





#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

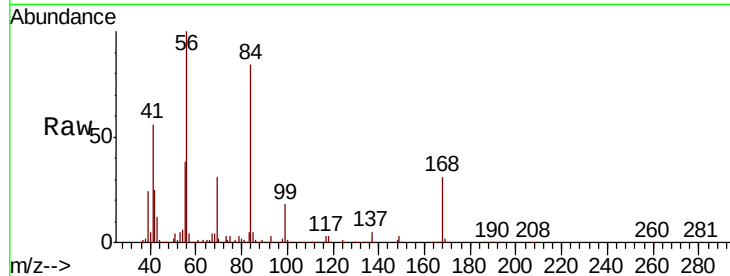
Tot Ion: 56 Resp: 1741671

Ion Ratio Lower Upper

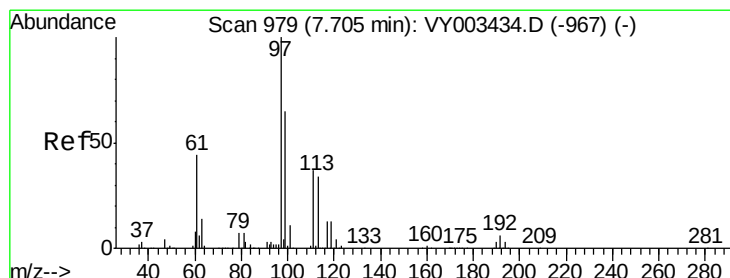
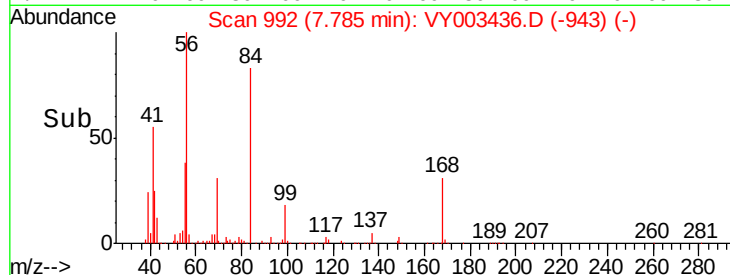
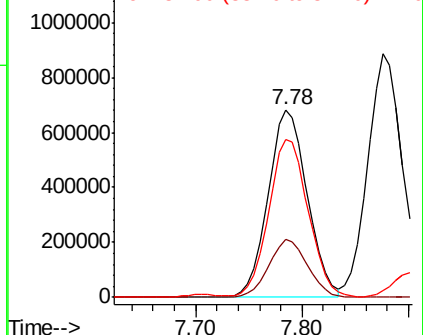
56 100

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

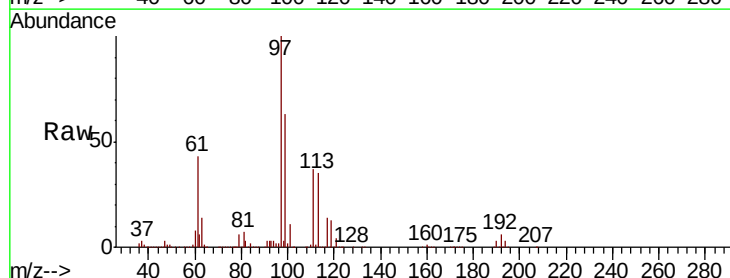
Tgt Ion: 97 Resp: 1503697

Ion Ratio Lower Upper

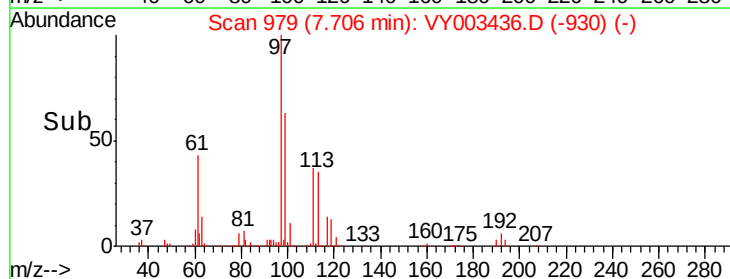
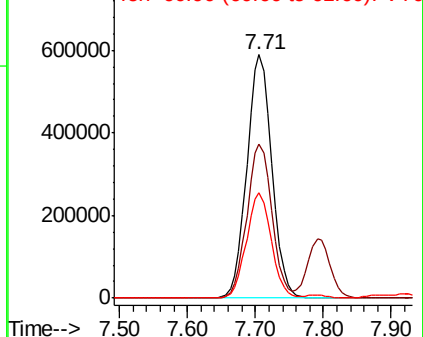
97 100

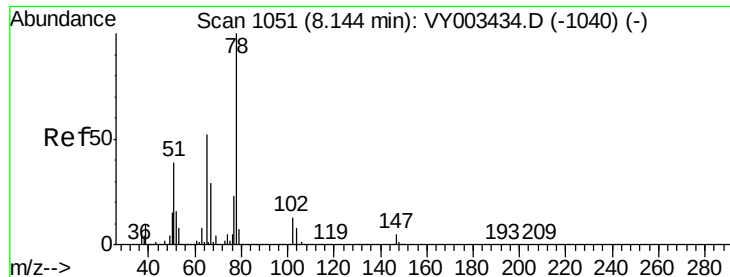
99 63.8 51.6 77.4

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

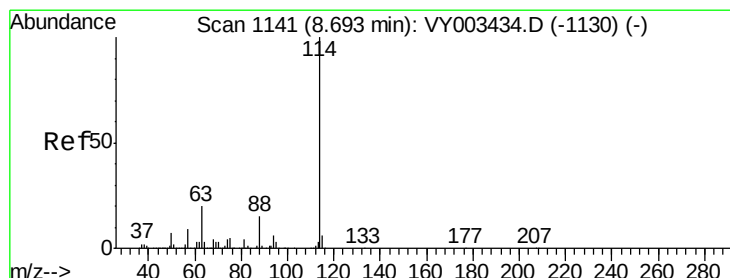
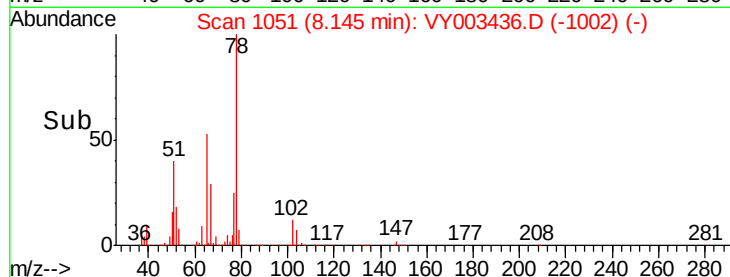
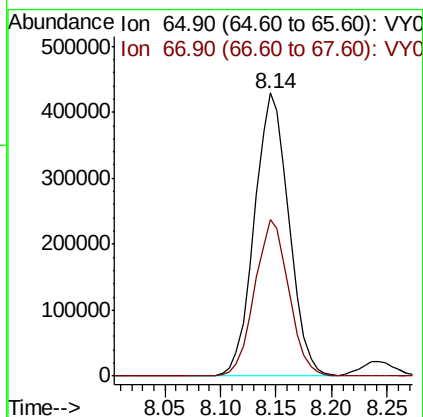
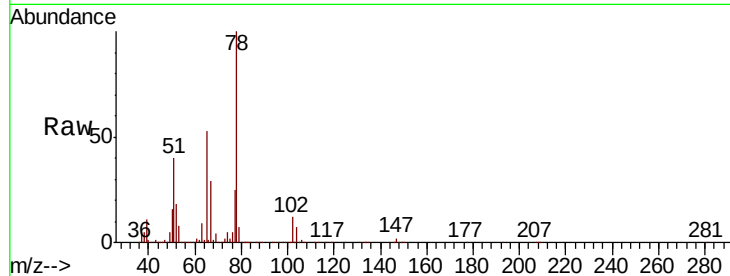




#33
 1,2-Dichloroethane-d4
 Concen: 145.661 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

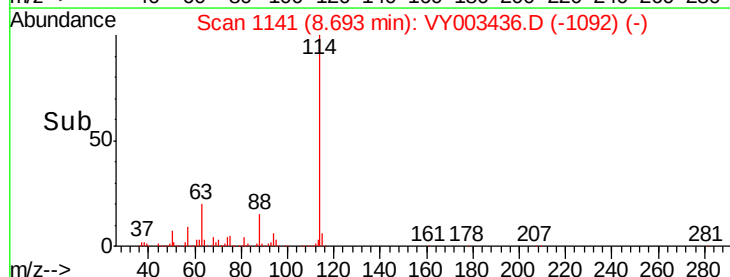
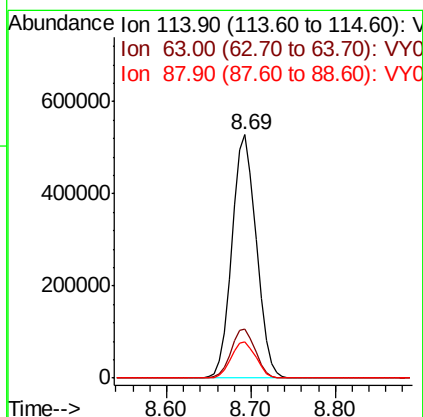
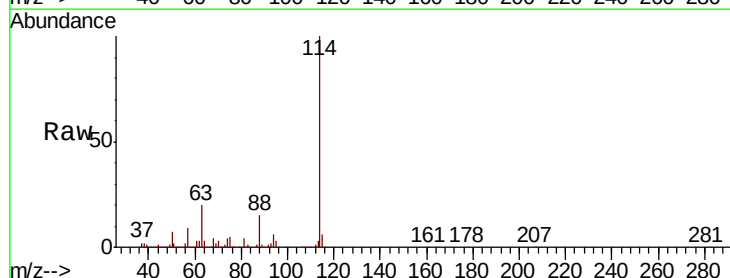
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

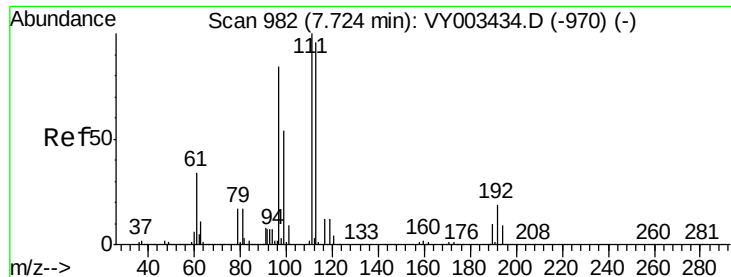
Tot Ion: 65 Resp: 925638
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.8



#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

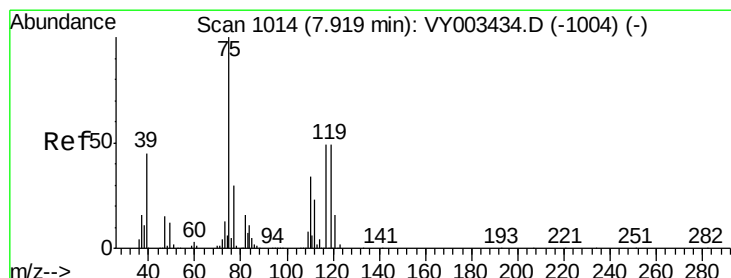
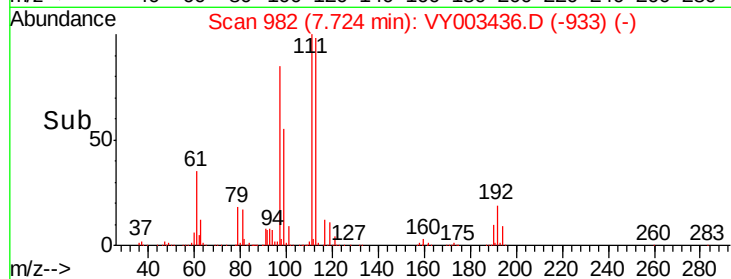
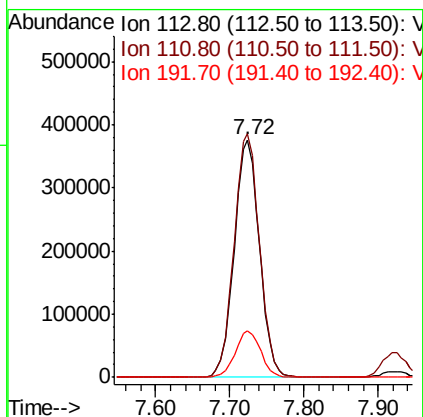
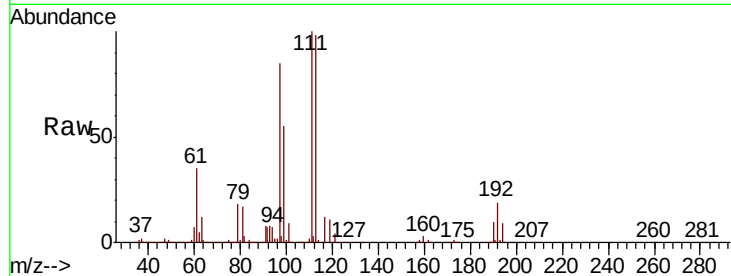




#35
 Dibromofluoromethane
 Concen: 150.328 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

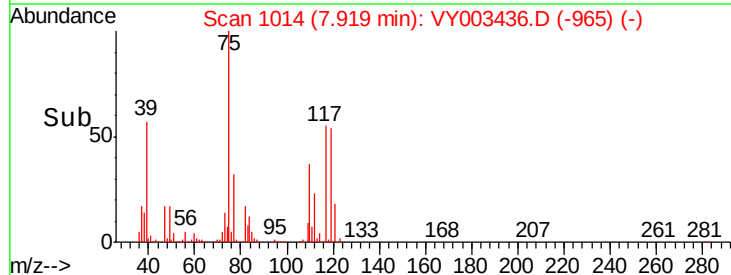
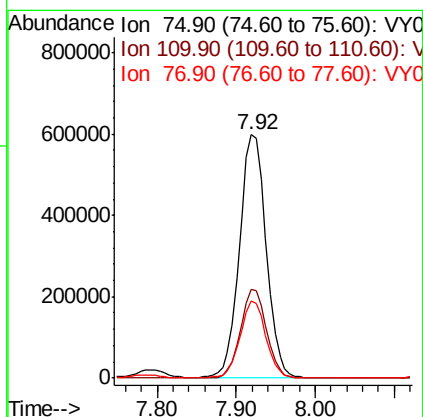
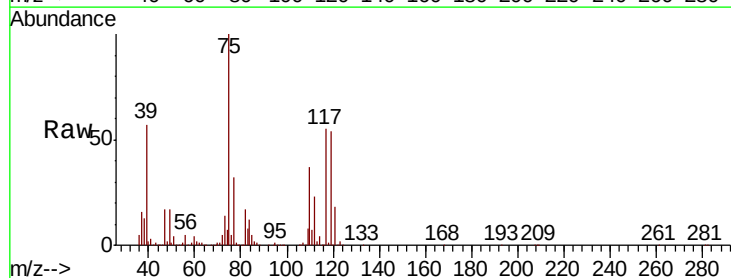
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

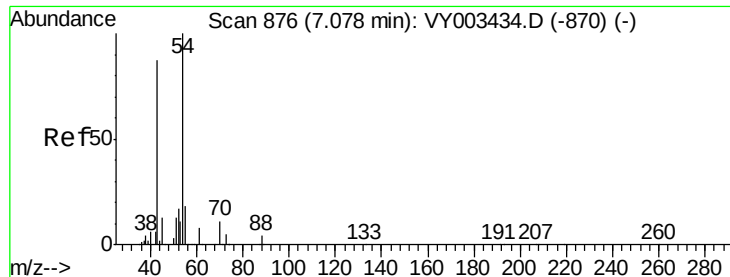
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	19.6	15.7	23.5



#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	Ratio	Lower	Upper
75	100		
110	35.6	17.8	53.5
77	31.0	24.4	36.6

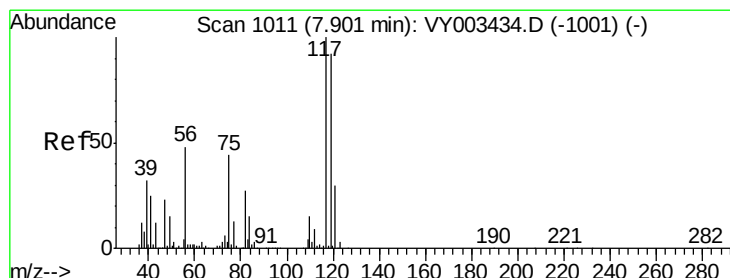
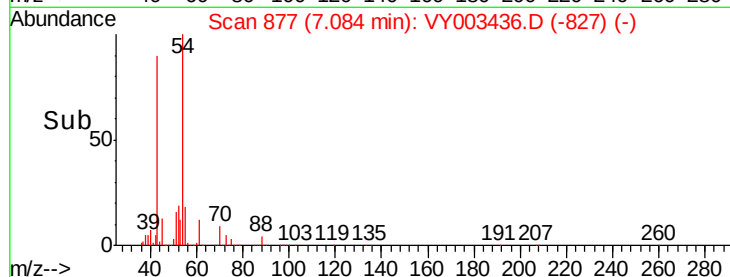
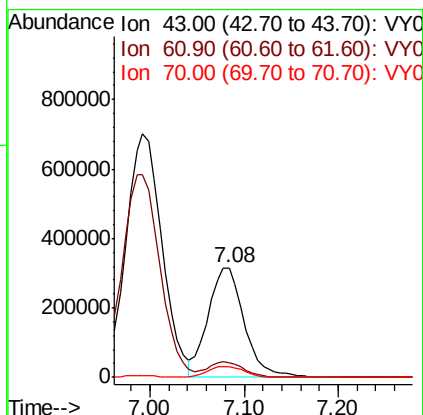
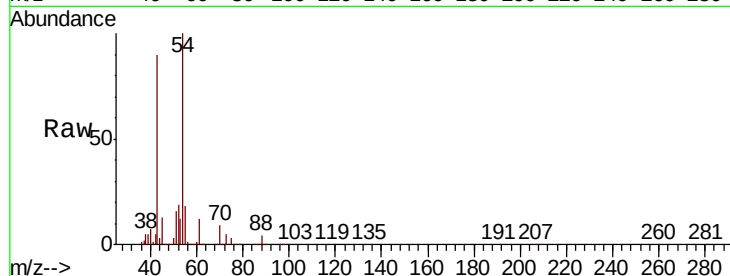




#37
Ethyl Acetate
Concen: 130.060 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

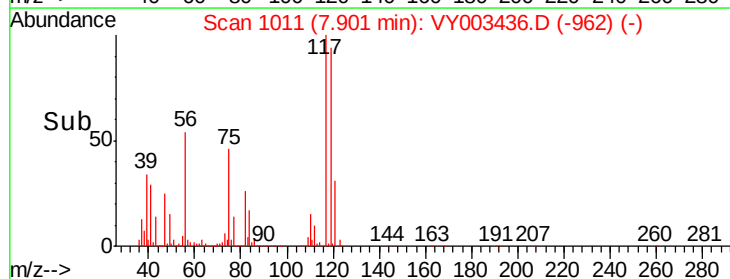
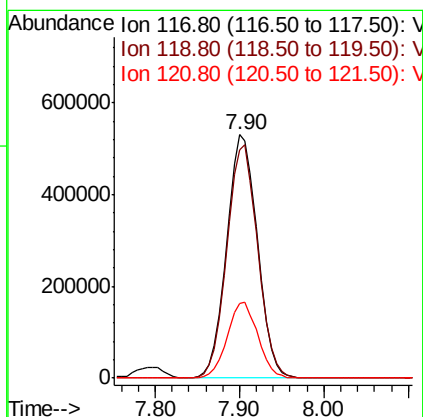
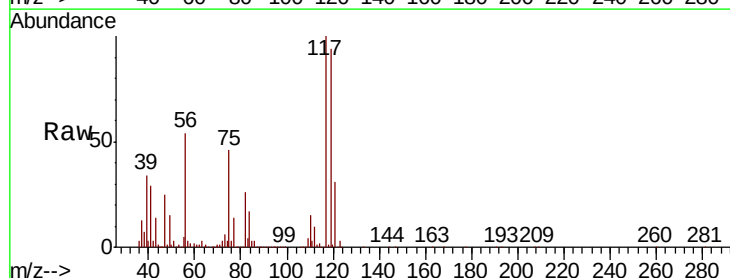
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

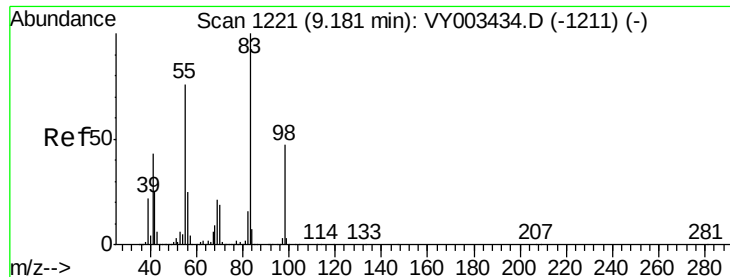
Tot Ion: 43 Resp: 835910
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 10.1 8.1 12.1



#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



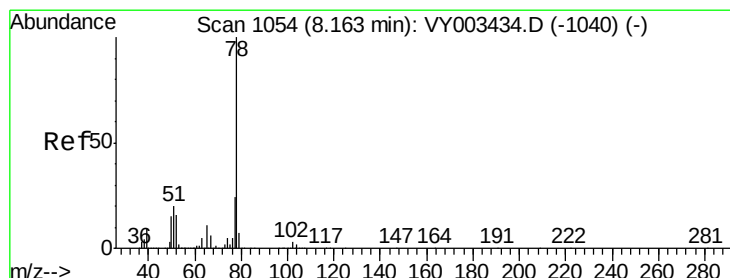
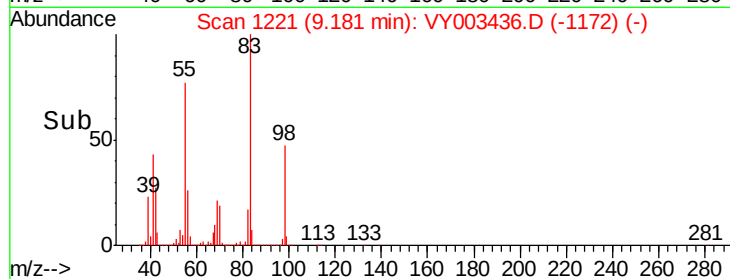
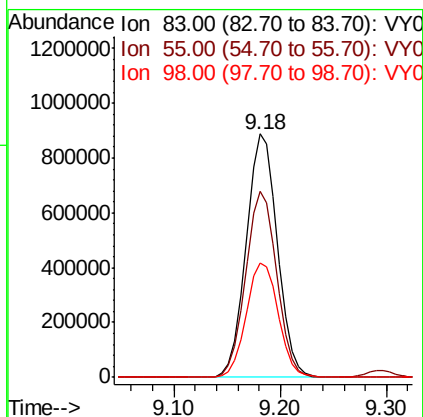
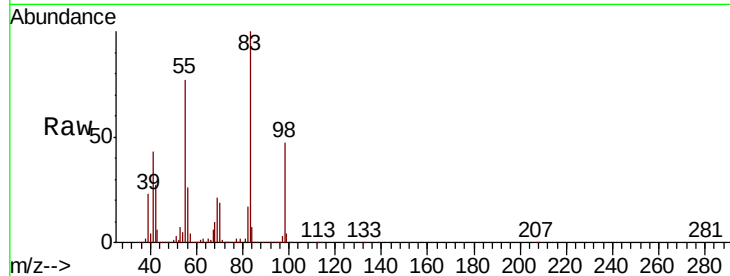


#39
Methylvlcyclohexane
Concen: 139.815 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1824844

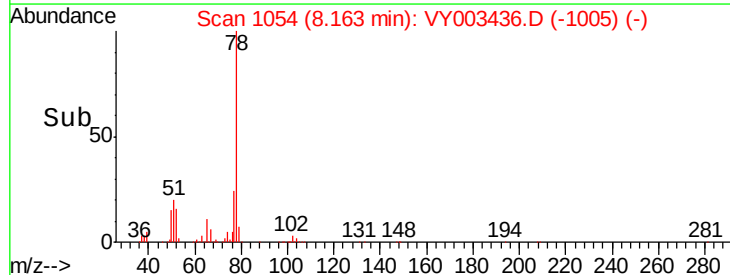
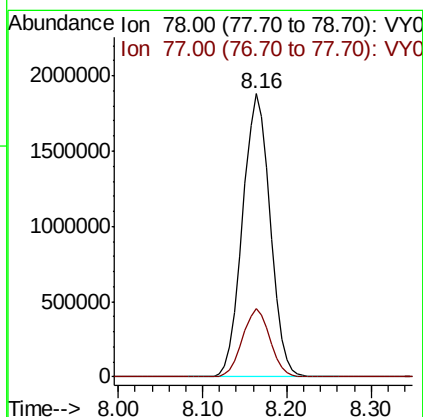
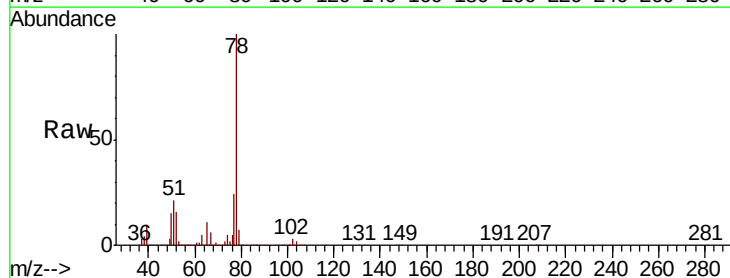
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.0	91.4
98	47.2	37.3	55.9

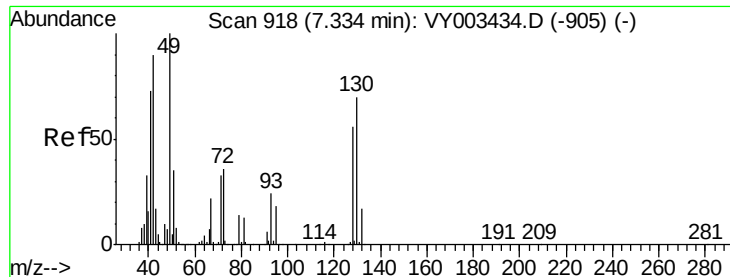


#40
Benzene
Concen: 138.151 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

Tgt Ion: 78 Resp: 4157099

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





#41

Methacrylonitrile

Concen: 318.889 ug/l

RT: 7.35 min Scan# 920

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: 1132691

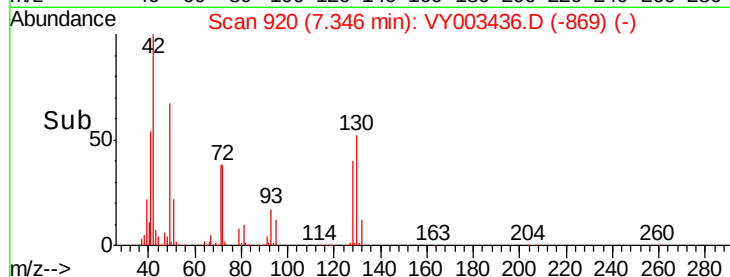
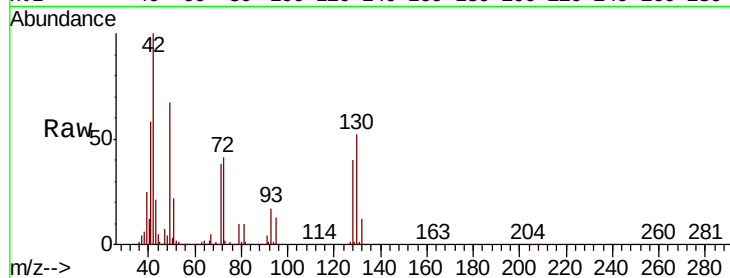
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



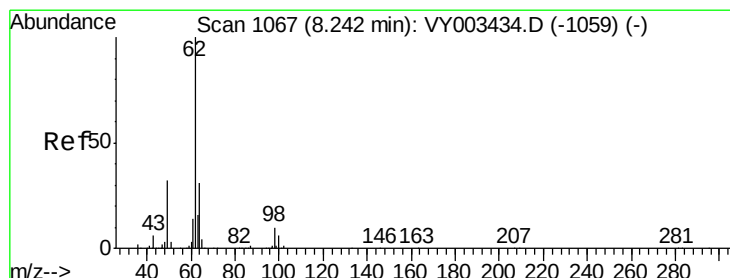
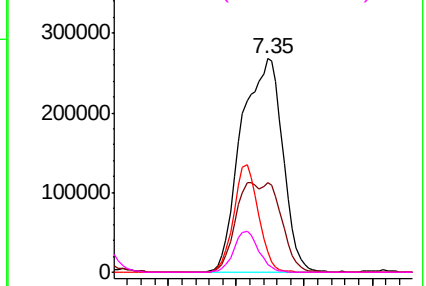
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#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

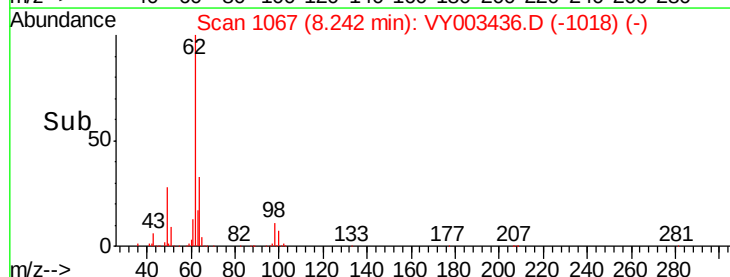
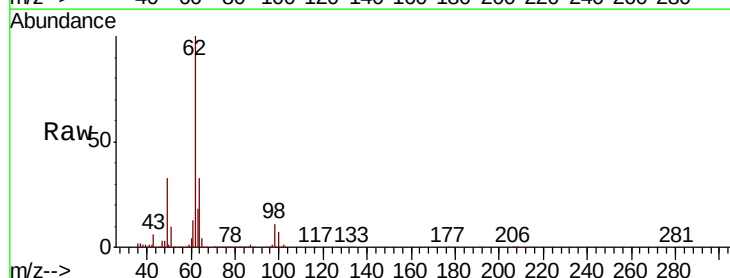
Acq: 04 Sep 2020 16:49

Tgt Ion: 62 Resp: 1139706

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4

62 100

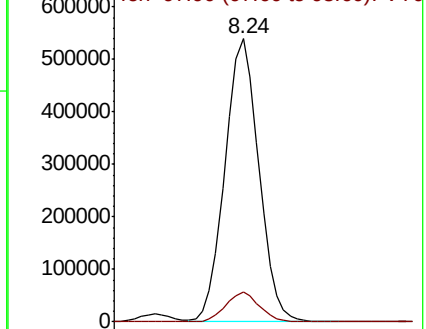
98 10.4 0.0 21.4

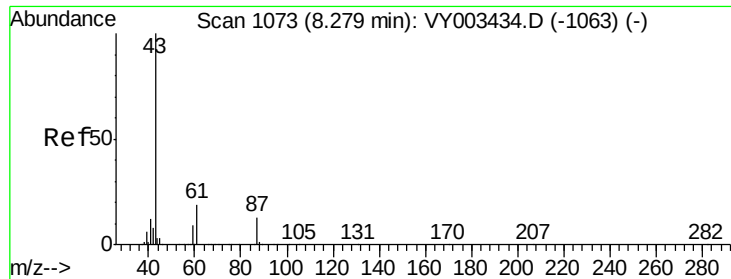


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#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

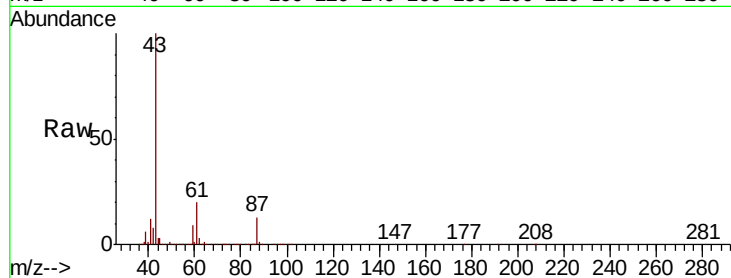
Tot Ion: 43 Resp: 1612254

Ion Ratio Lower Upper

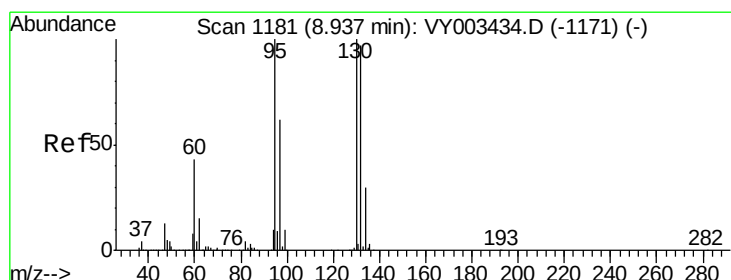
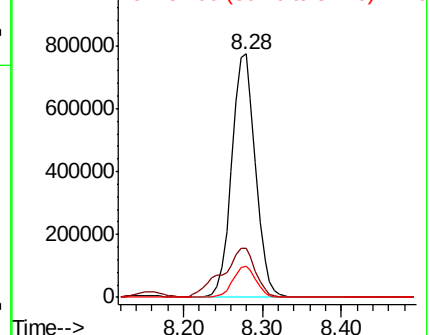
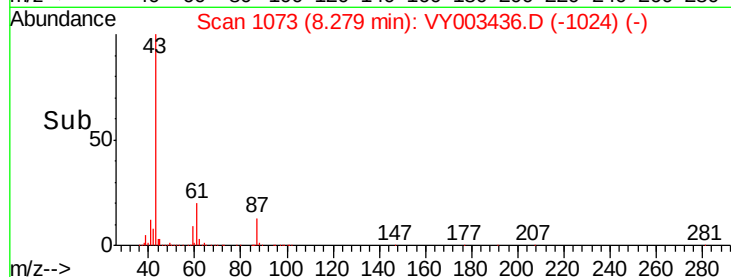
43 100

61 28.3 22.8 34.2

87 12.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VY003436.D (-1024) (-)



#44

Trichloroethene

Concen: 138.789 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VY003436.D

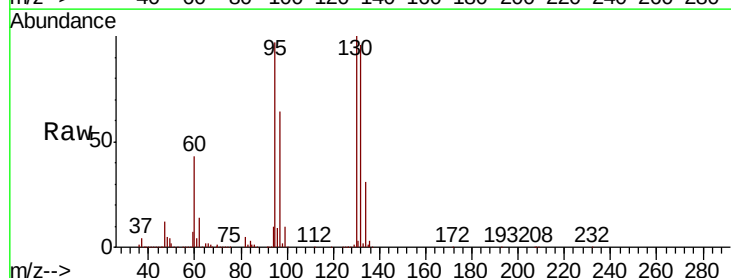
Acq: 04 Sep 2020 16:49

Tgt Ion:130 Resp: 1117888

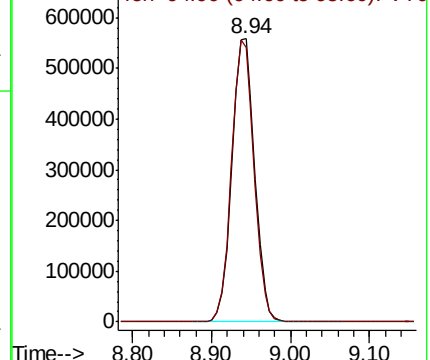
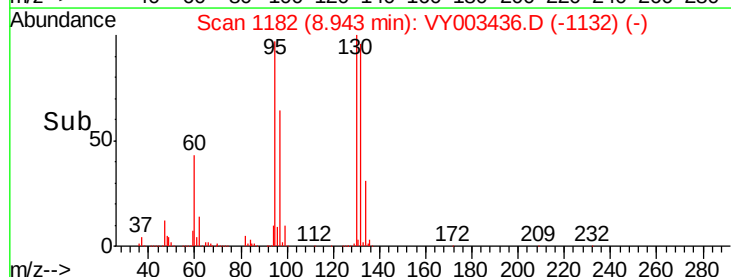
Ion Ratio Lower Upper

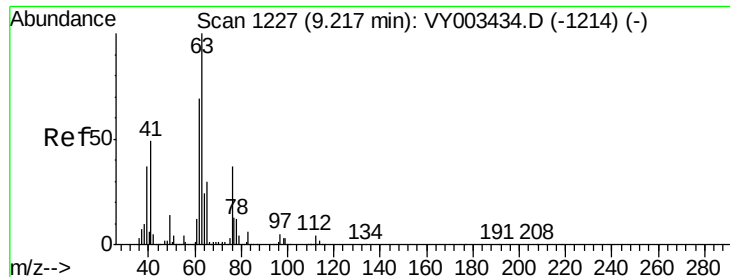
130 100

95 96.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VY003436.D (-1132) (-)





#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 :

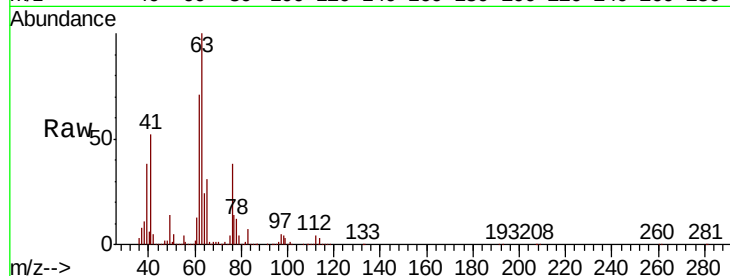
VSTDIC150

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

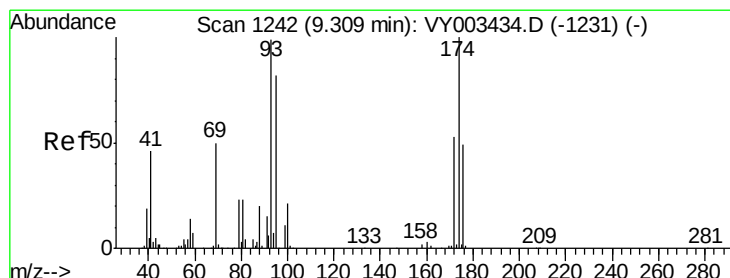
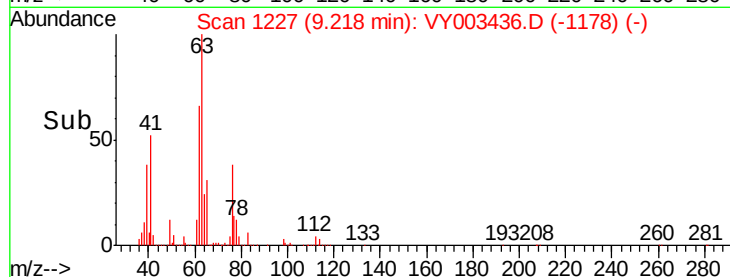
600000

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

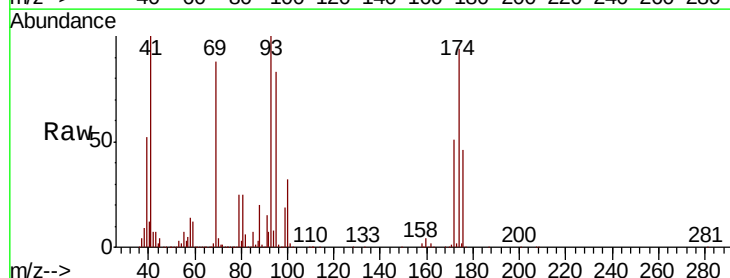
Tgt Ion: 93 Resp: 558179

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

9.30

400000

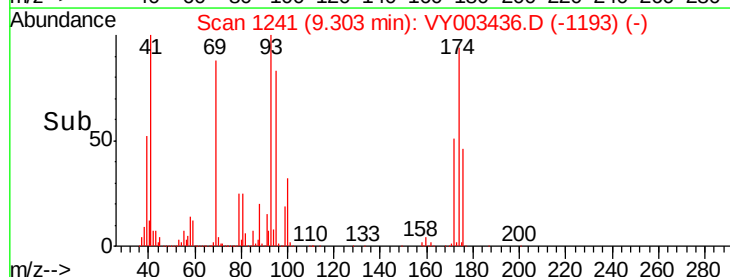
300000

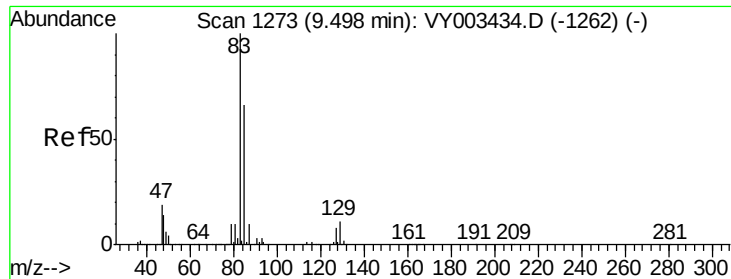
200000

100000

0

Time-->

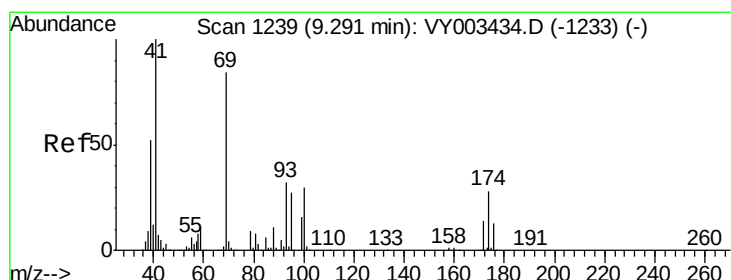
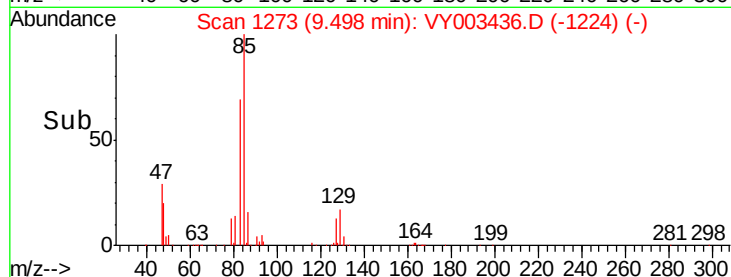
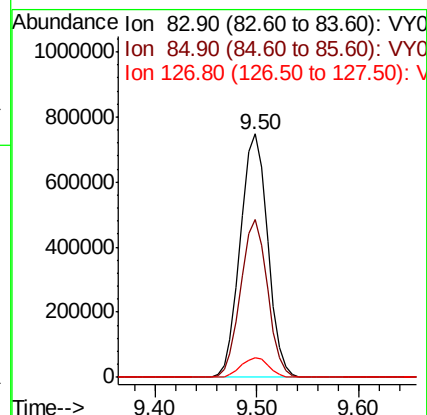
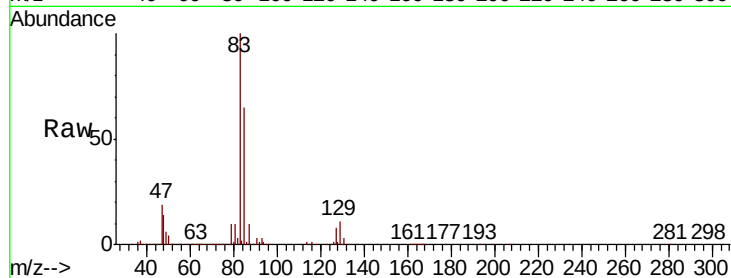




#47
Bromodichloromethane
Concen: 146.367 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

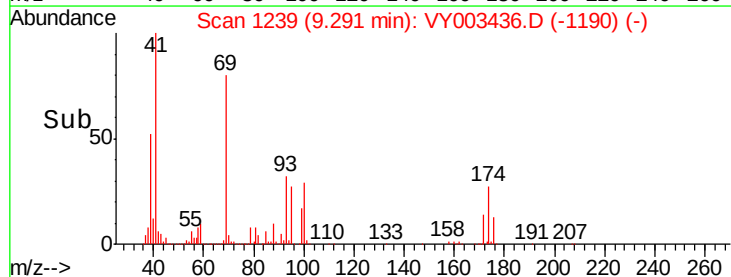
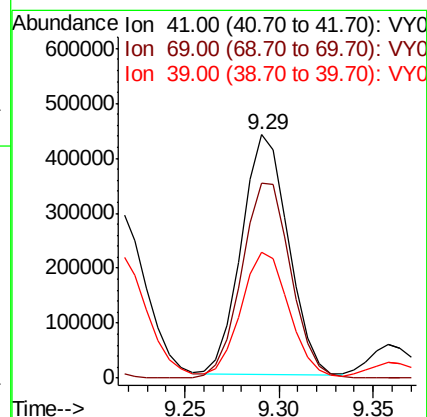
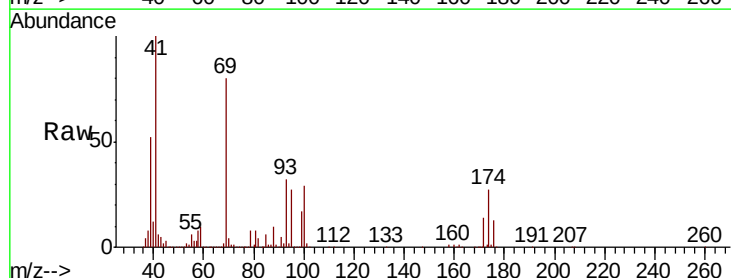
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

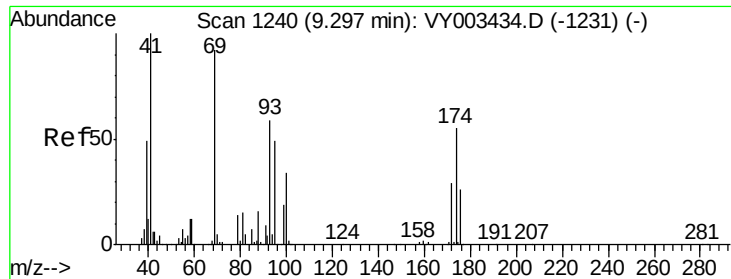
Tot Ion: 83 Resp: 1389723
Ion Ratio Lower Upper
83 100
85 64.7 52.6 79.0
127 8.1 6.5 9.7



#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

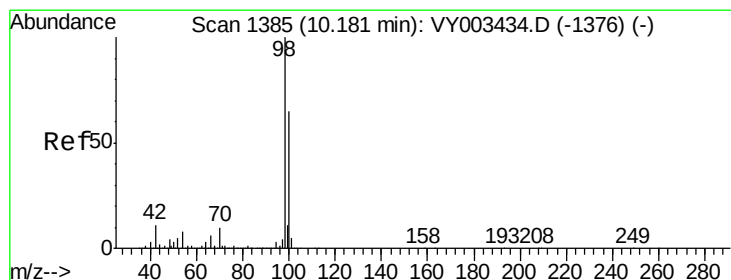
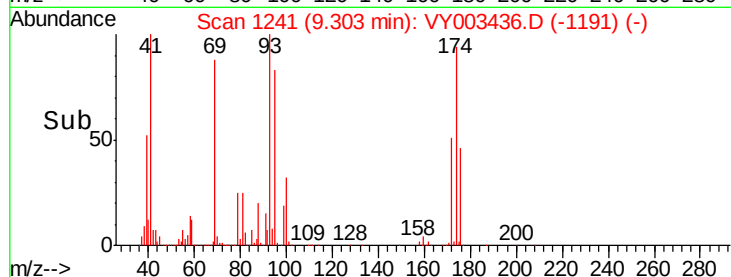
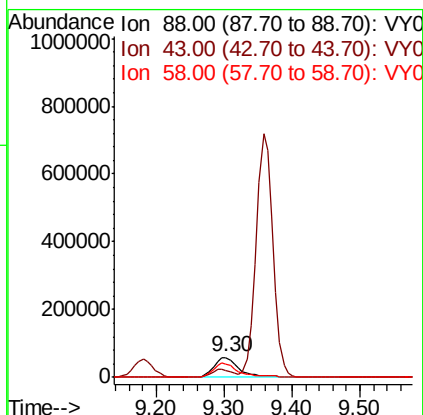
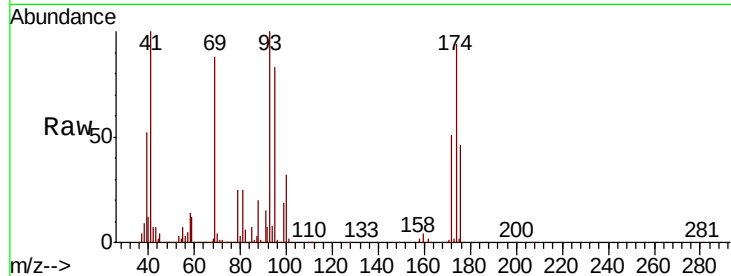




#49
1,4-Dioxane
Concen: 2736.329 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

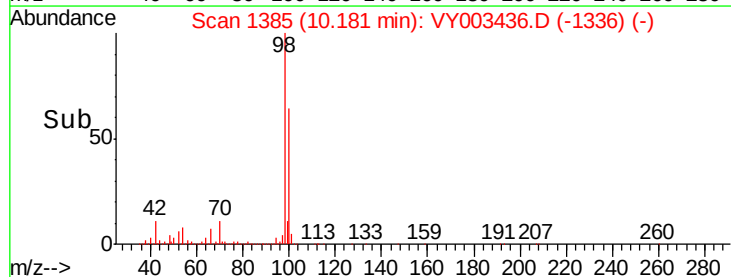
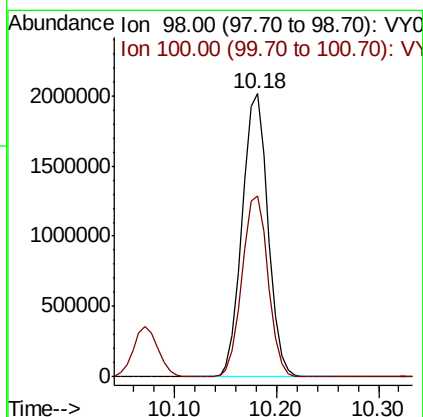
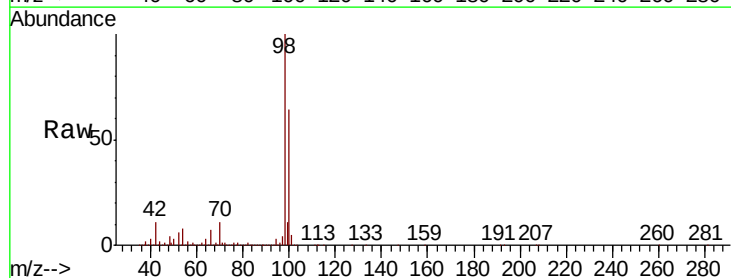
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

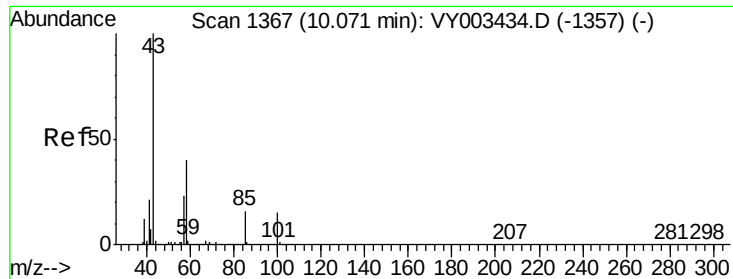
Tot Ion: 88 Resp: 153487
Ion Ratio Lower Upper
88 100
43 31.7 24.7 37.1
58 74.2 60.2 90.4



#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

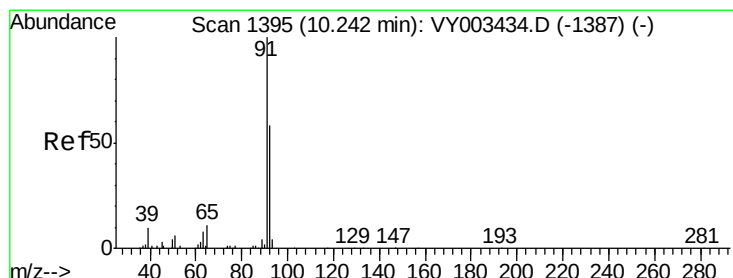
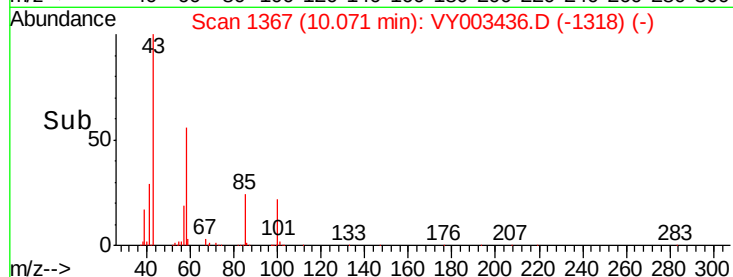
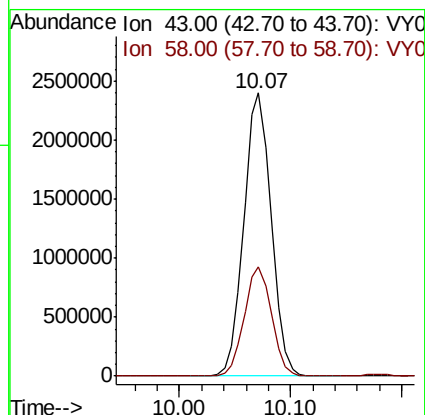
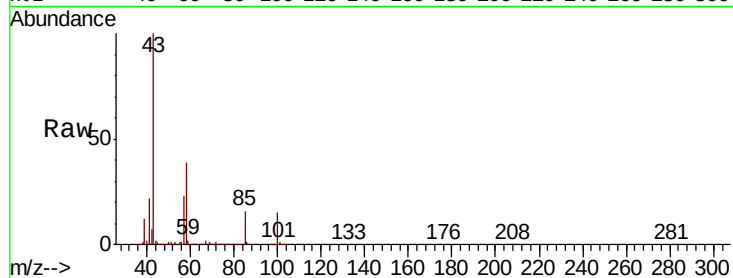




#51
4-Methyl-2-Pentanone
Concen: 648.548 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

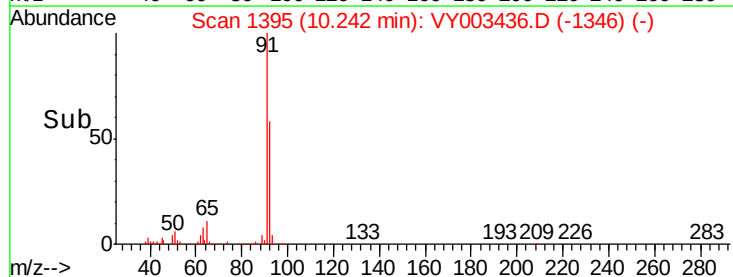
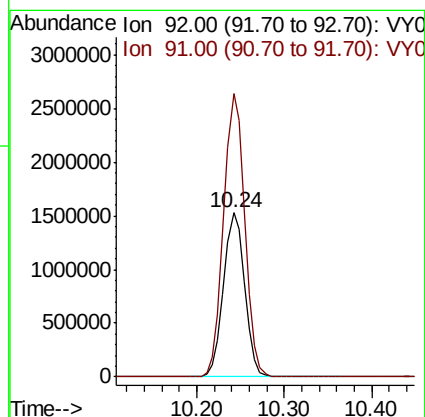
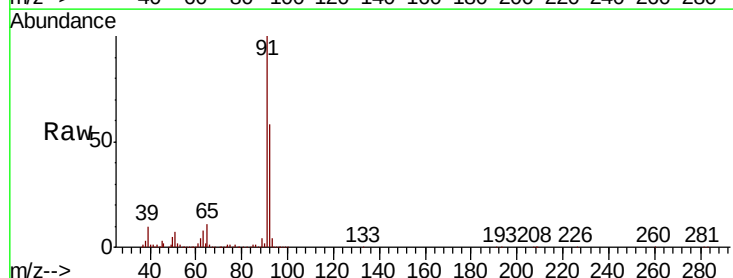
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

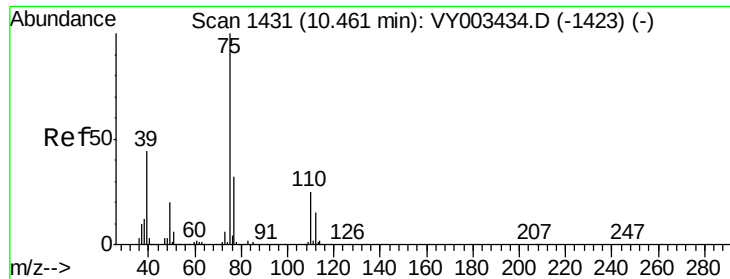
Tot Ion: 43 Resp: 4094306
Ion Ratio Lower Upper
43 100
58 38.5 31.3 46.9



#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 :

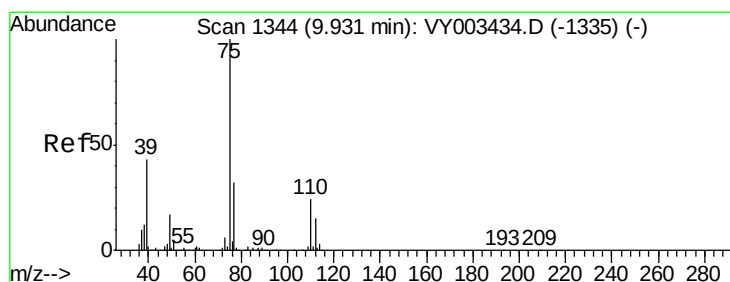
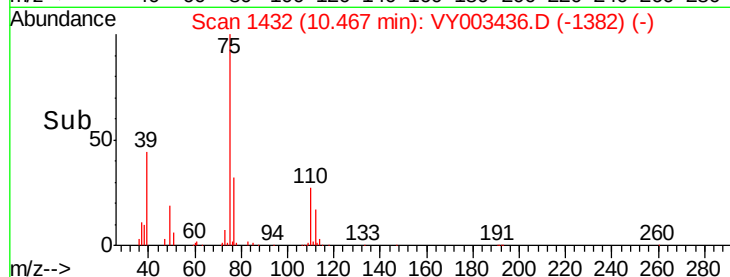
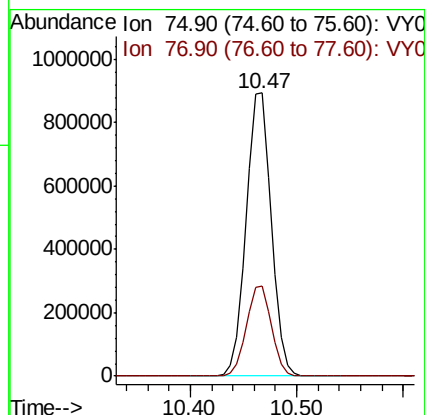
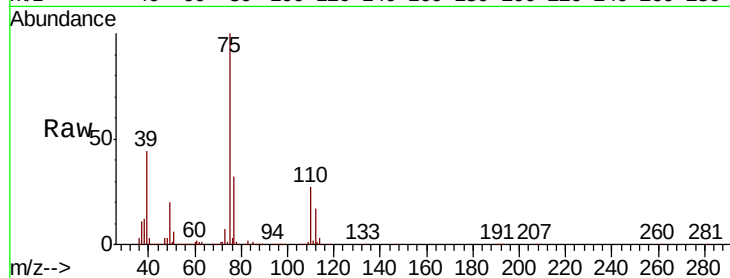
VSTDIC150

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

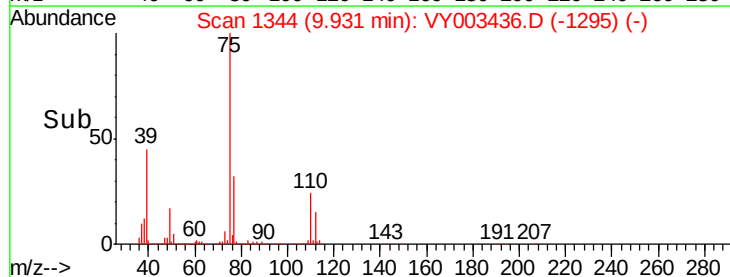
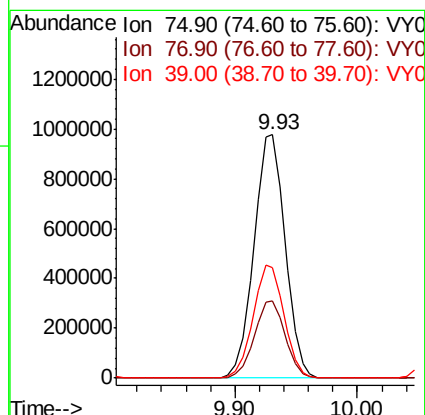
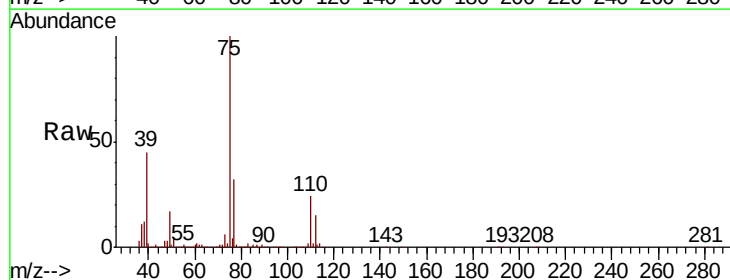
Tgt Ion: 75 Resp: 1735611

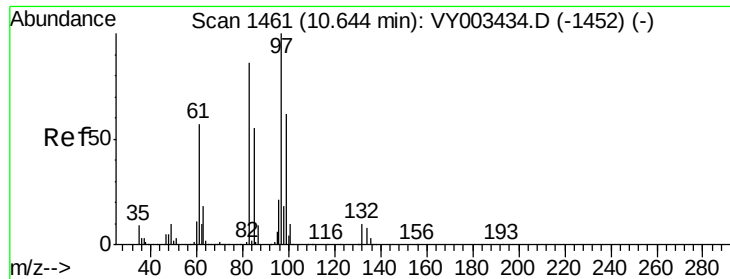
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 45.1 34.6 51.8

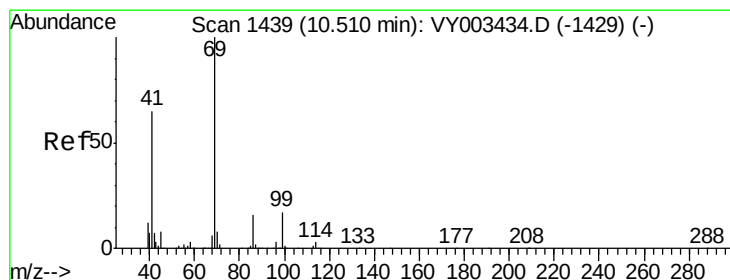
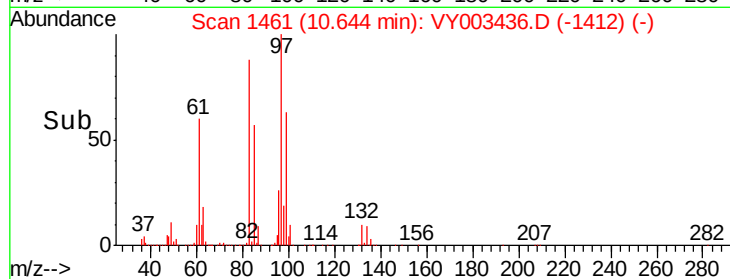
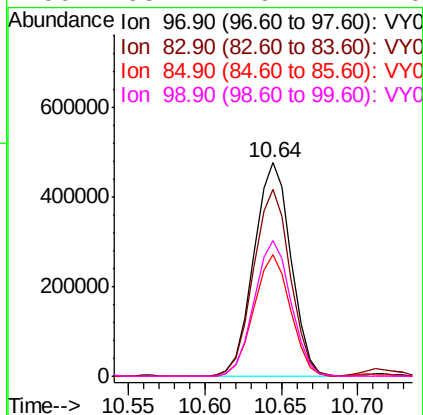
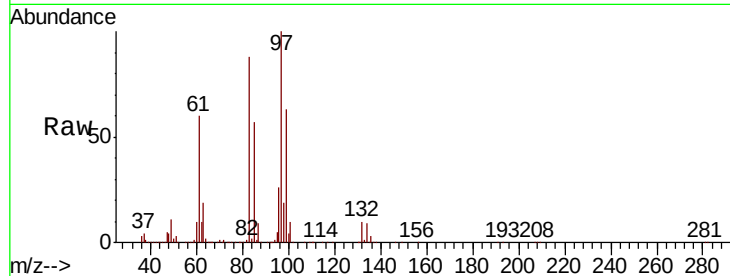




#55
 1,1,2-Trichloroethane
 Concen: 136.902 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

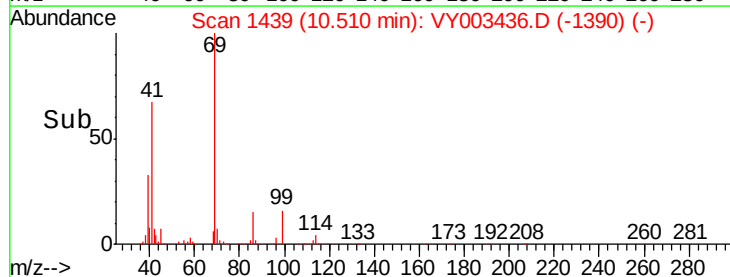
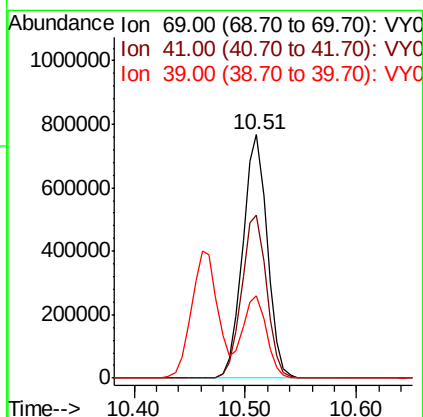
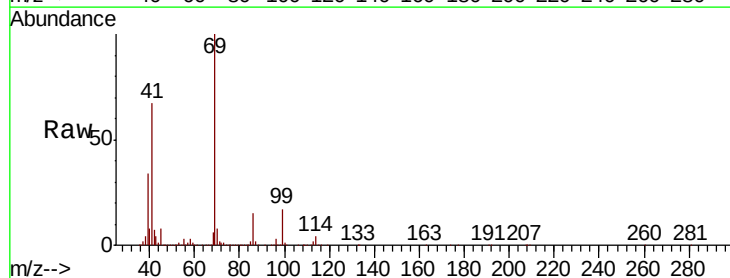
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

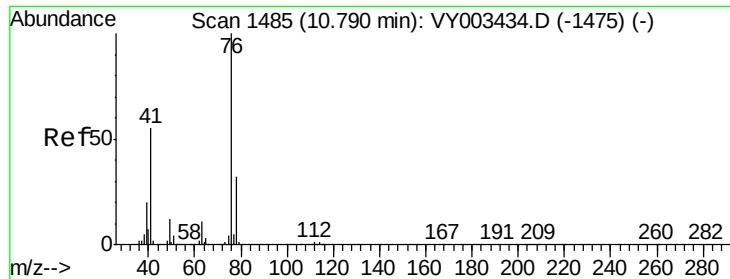
Tot Ion:	97	Resp:	808199
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.5	102.7
85	56.7	43.9	65.9
99	63.4	49.4	74.0



#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 :

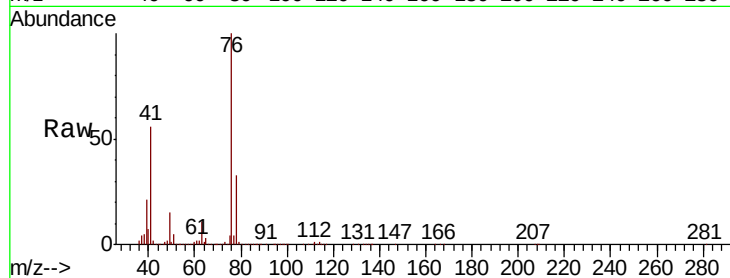
VSTDIC150

Tot Ion: 76 Resp: 1428574

Ion Ratio Lower Upper

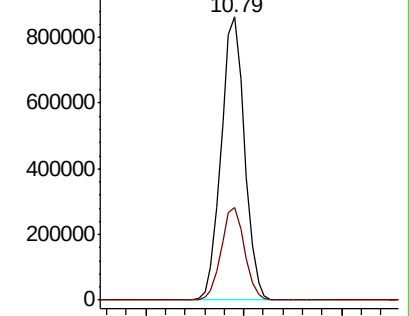
76 100

78 32.7 25.8 38.6

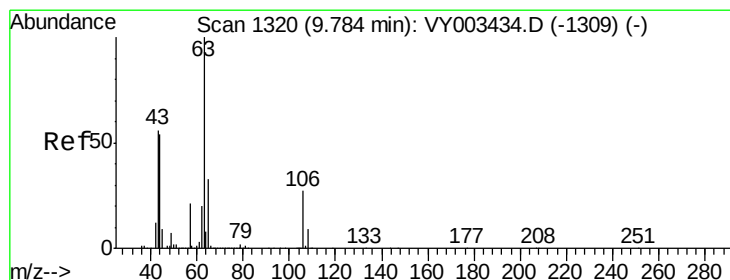
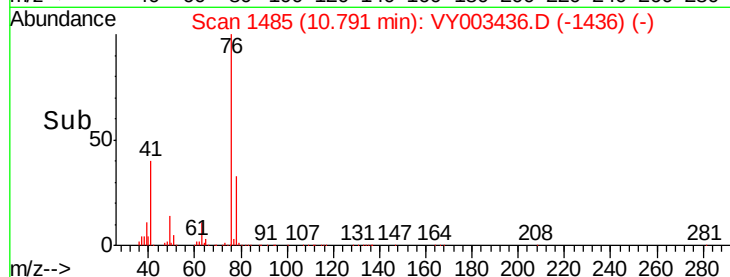


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#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

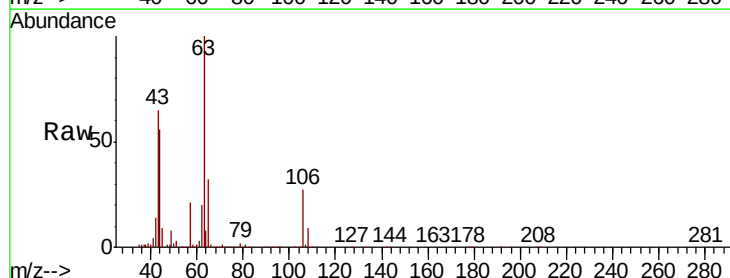
Acq: 04 Sep 2020 16:49

Tgt Ion: 63 Resp: 2986074

Ion Ratio Lower Upper

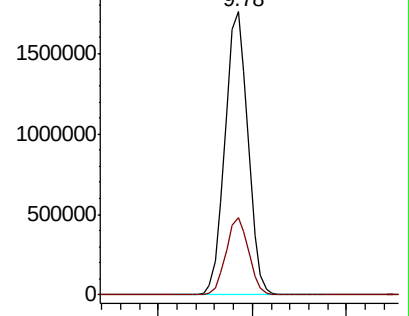
63 100

106 27.0 21.5 32.3

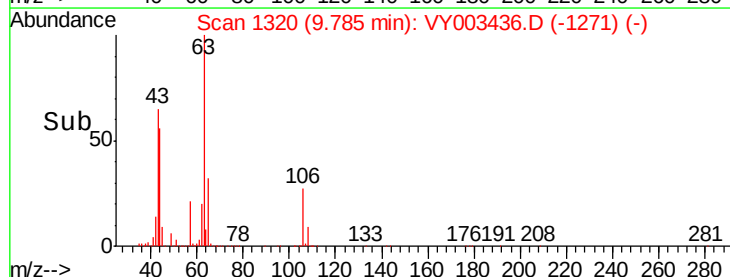


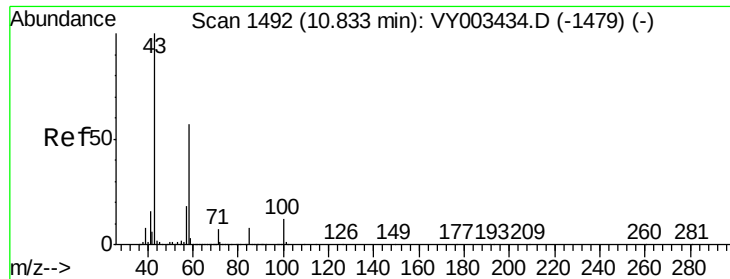
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

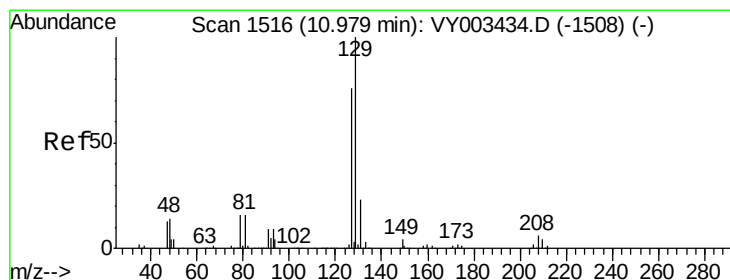
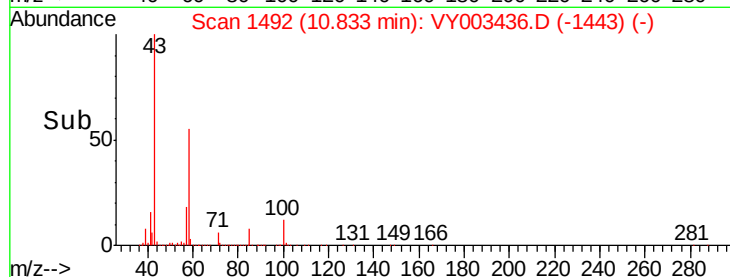
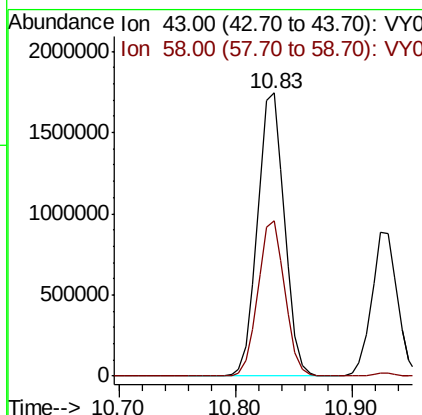
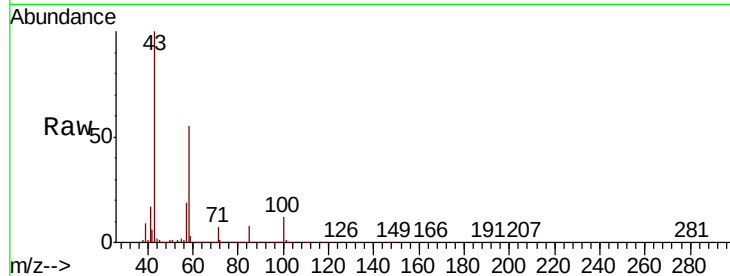




#59
2-Hexanone
Concen: 655.102 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

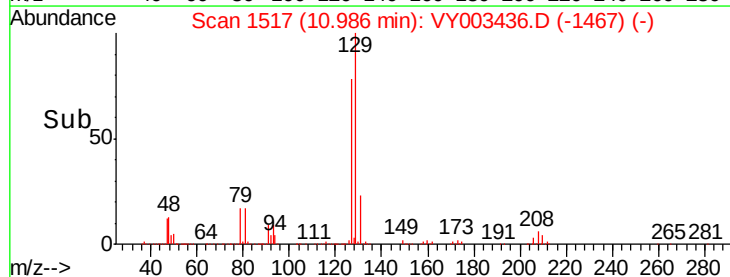
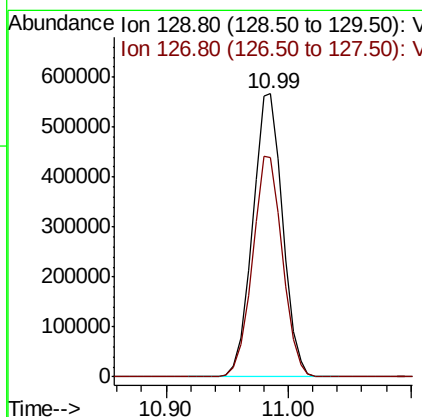
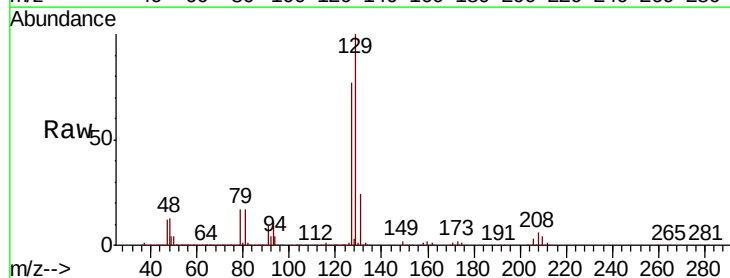
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

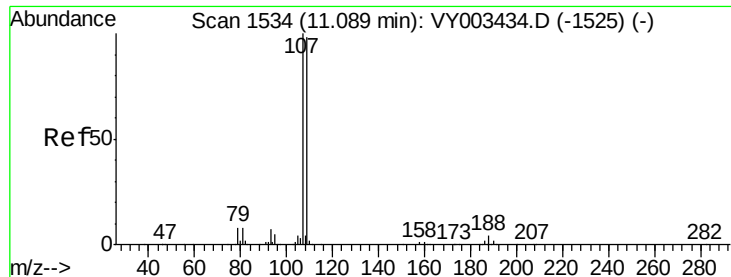
Tot Ion: 43 Resp: 2817605
Ion Ratio Lower Upper
43 100
58 54.7 27.8 83.3



#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

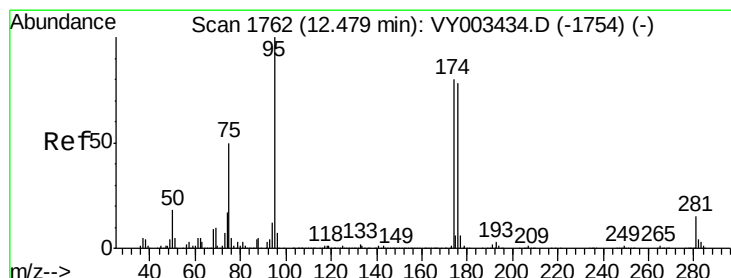
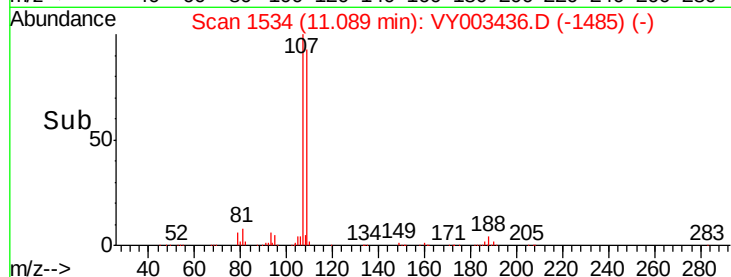
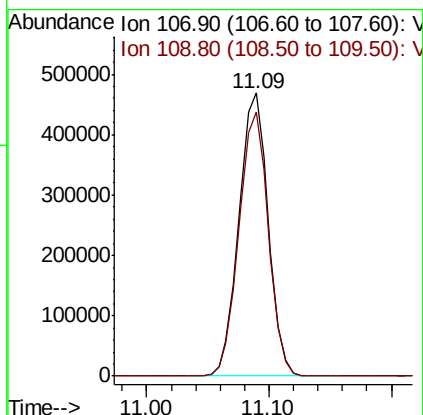
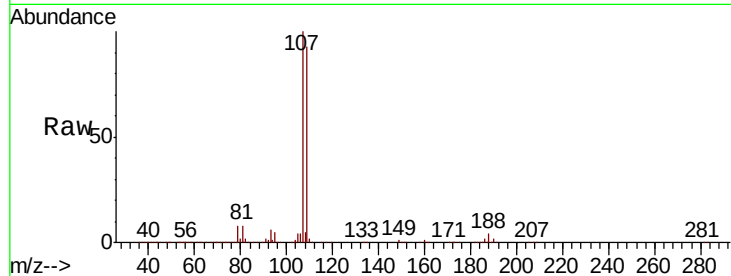




#61
 1,2-Dibromoethane
 Concen: 140.215 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

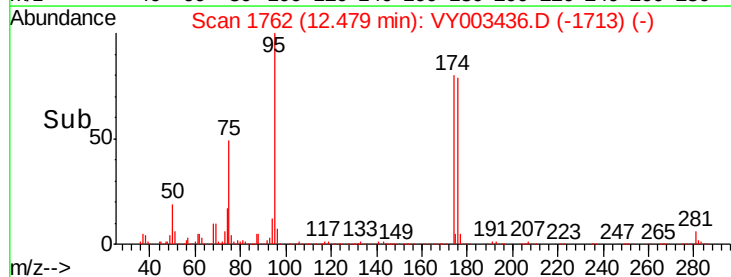
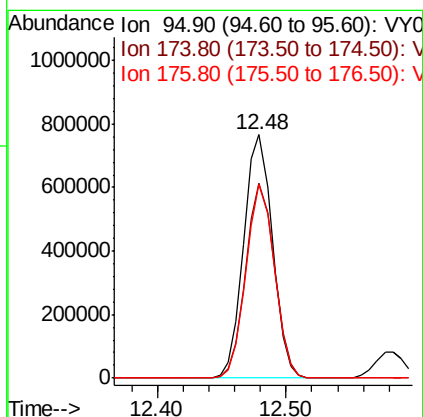
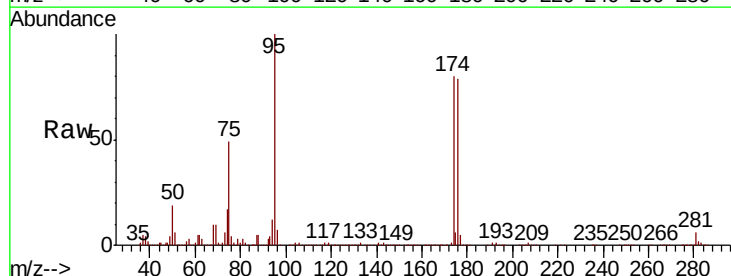
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

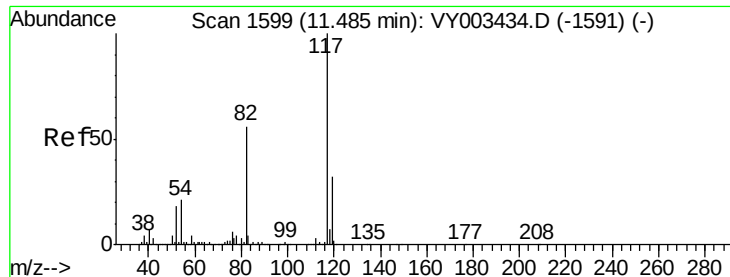
Tot Ion: 107 Resp: 775890
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.6



#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

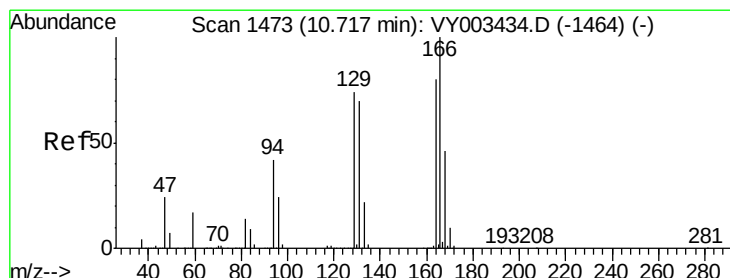
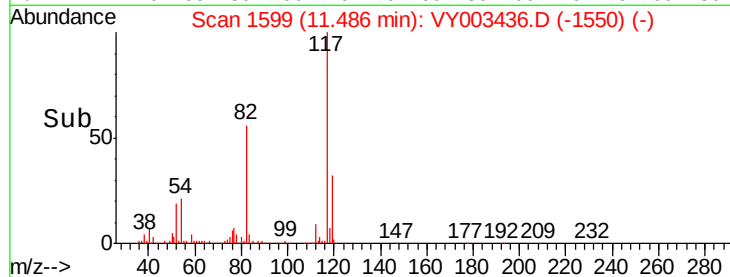
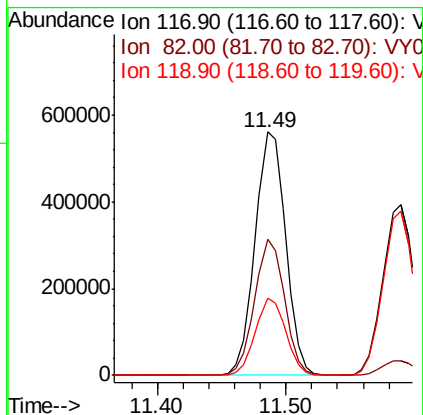
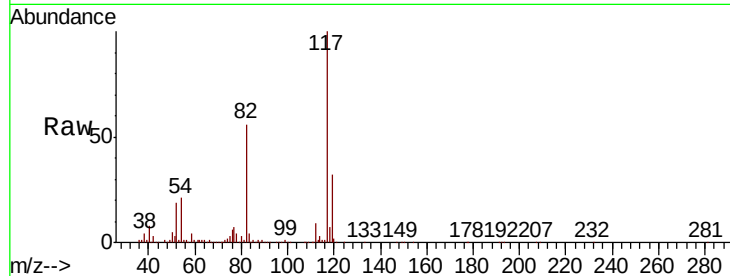




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

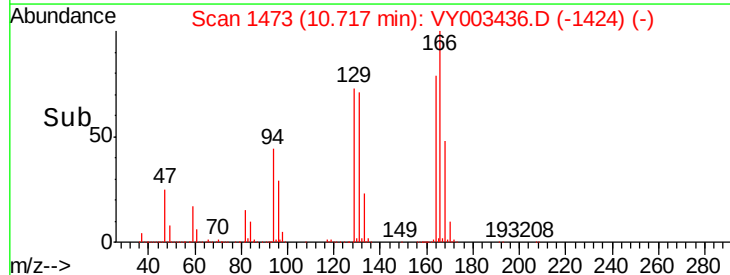
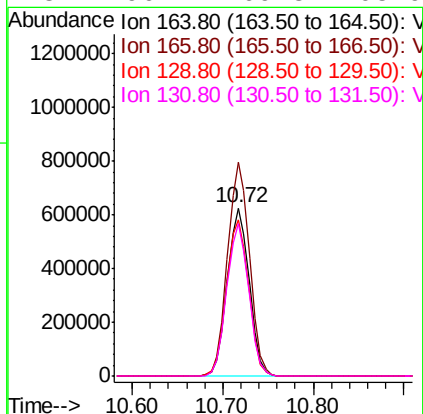
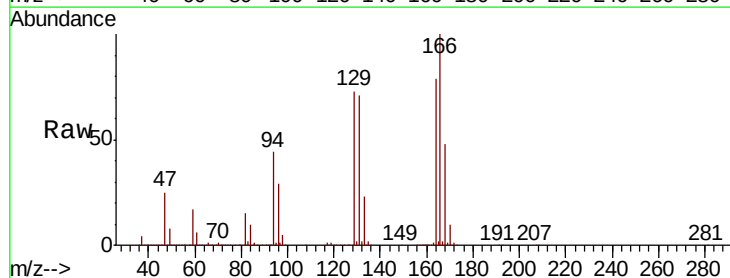
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

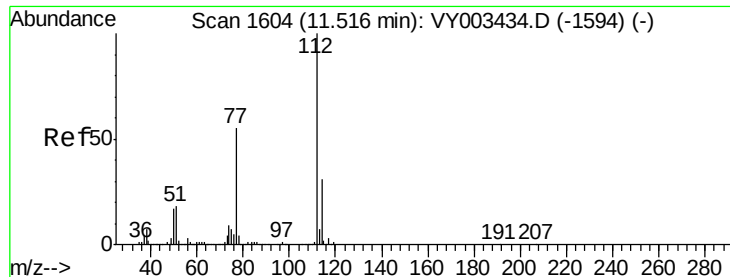
Tot Ion:117 Resp: 916627
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 31.9 25.9 38.9



#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

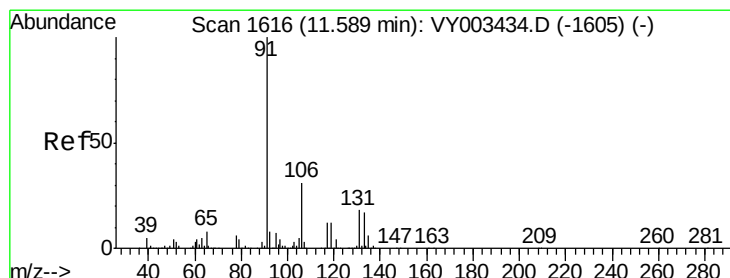
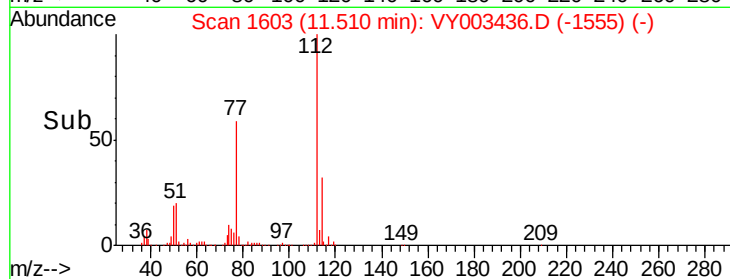
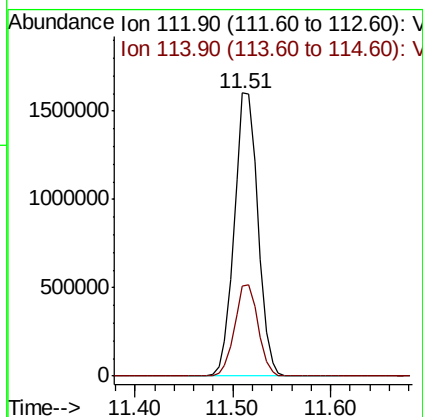
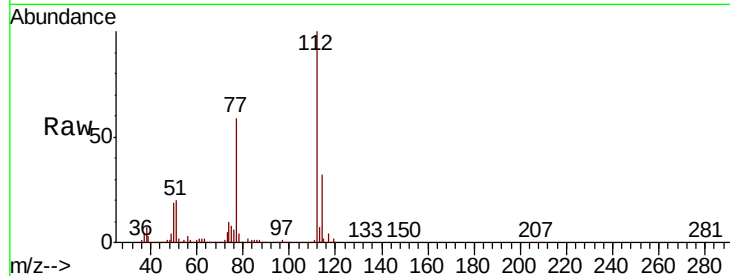




#65
Chlorobenzene
Concen: 139.537 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

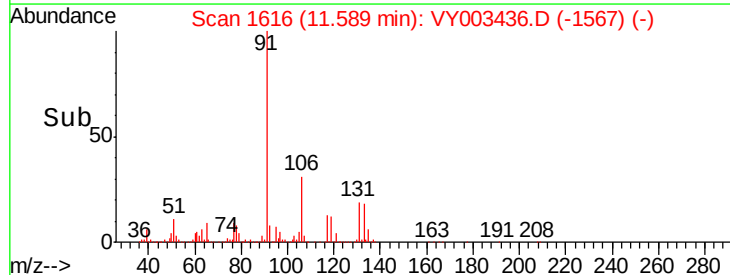
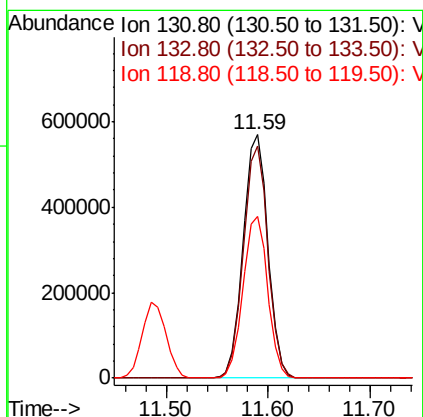
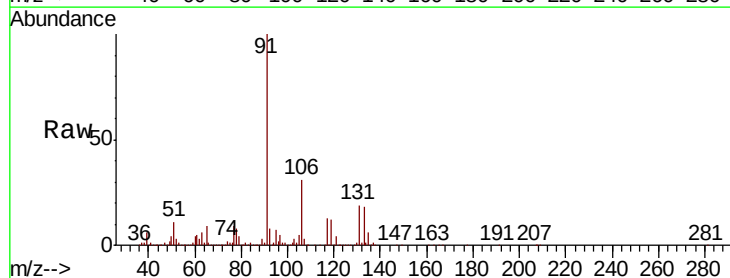
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

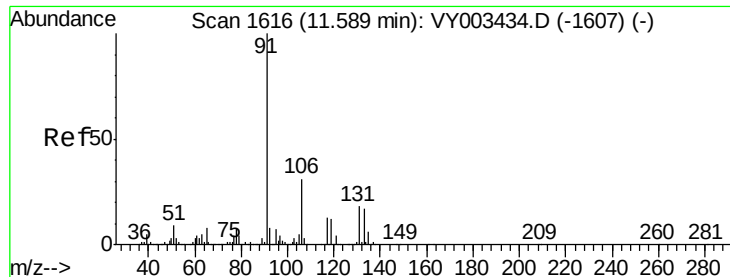
Tot Ion:112 Resp: 2685824
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8



#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

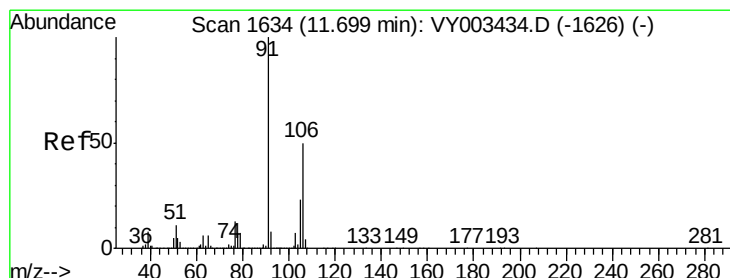
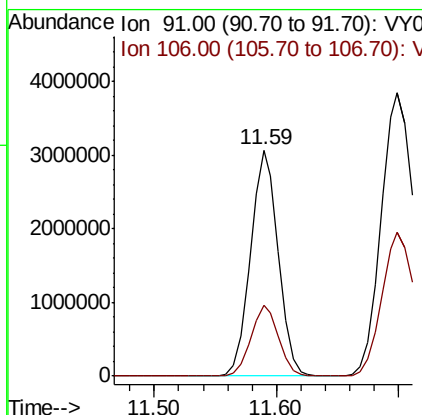
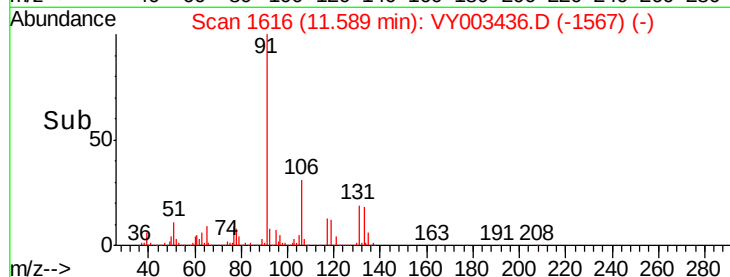
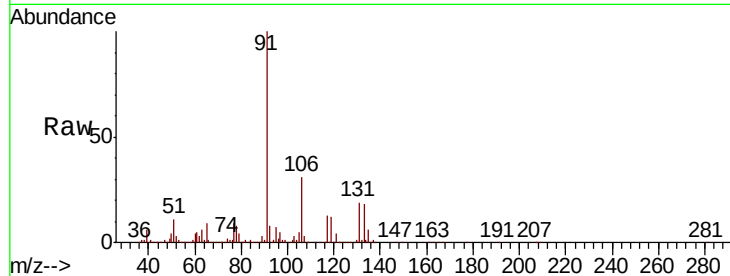




#67
Ethyl Benzene
Concen: 140.014 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

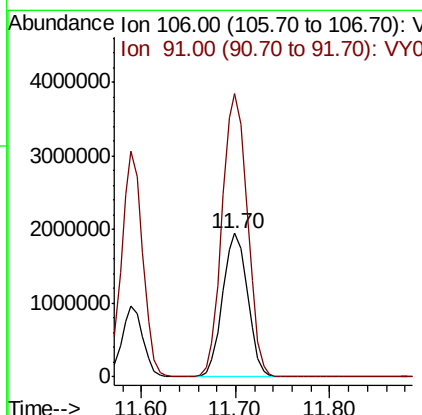
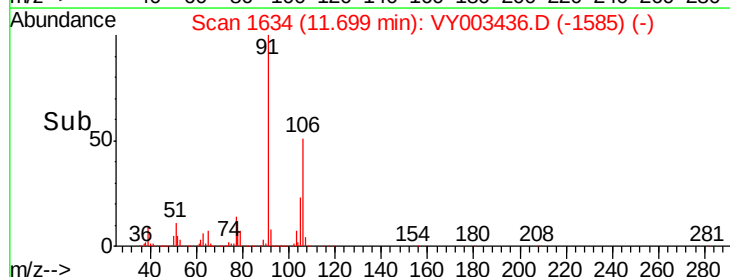
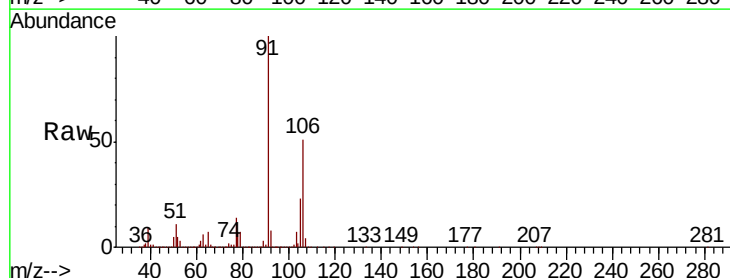
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

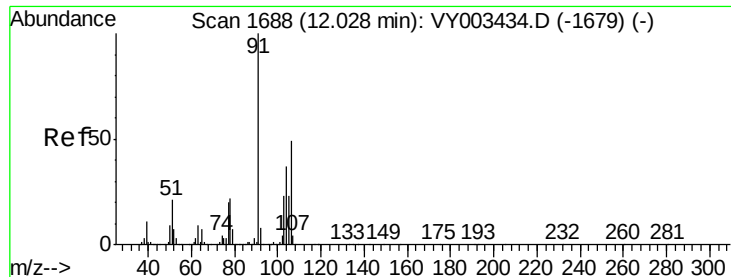
Tot Ion: 91 Resp: 4819846
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#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

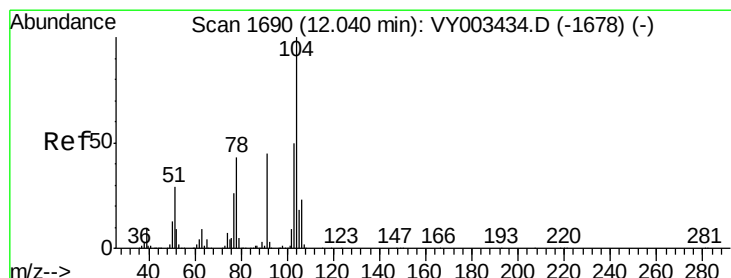
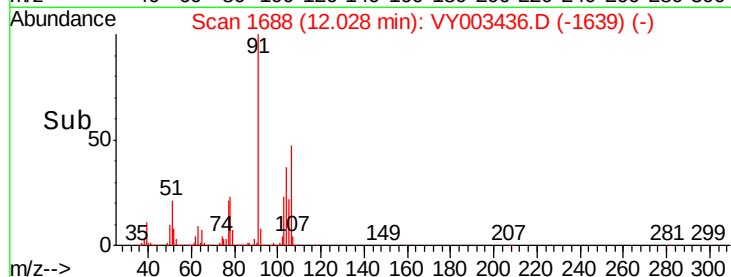
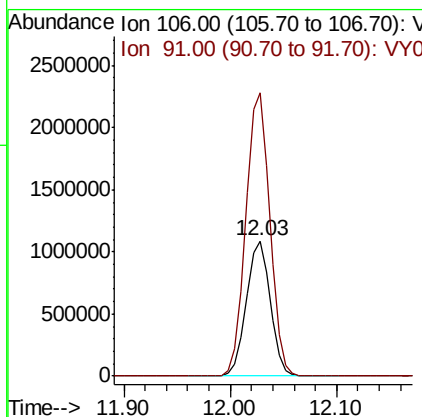
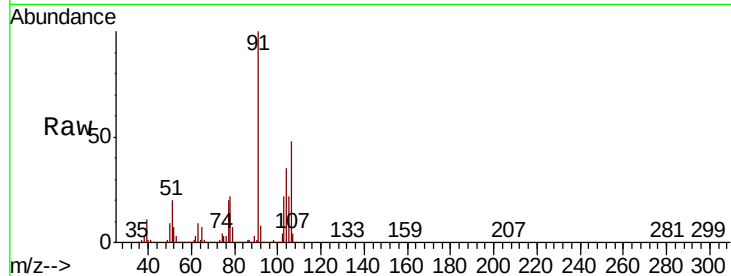




#69
o-Xylene
Concen: 140.482 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

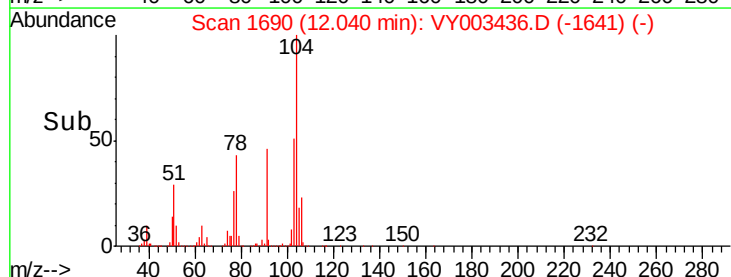
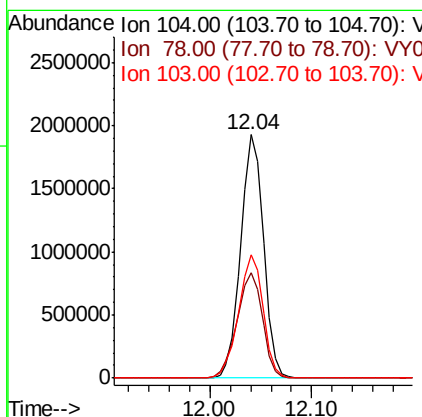
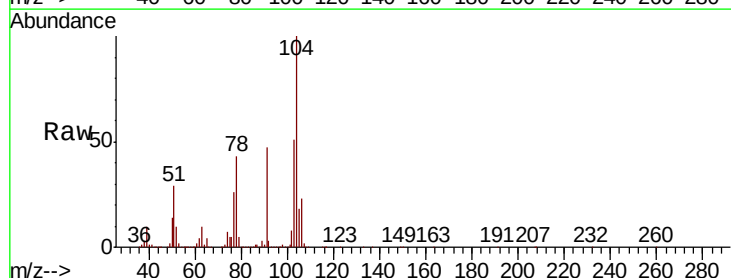
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

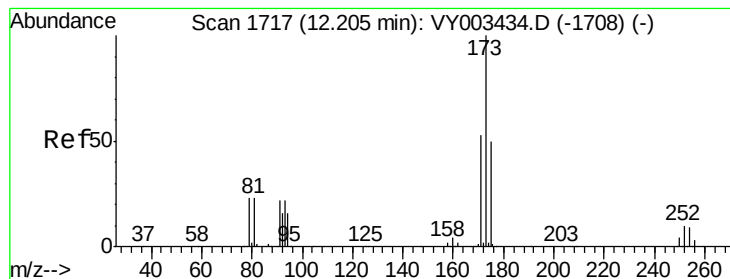
Tot Ion:106 Resp: 1721477
Ion Ratio Lower Upper
106 100
91 210.6 104.7 313.9



#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

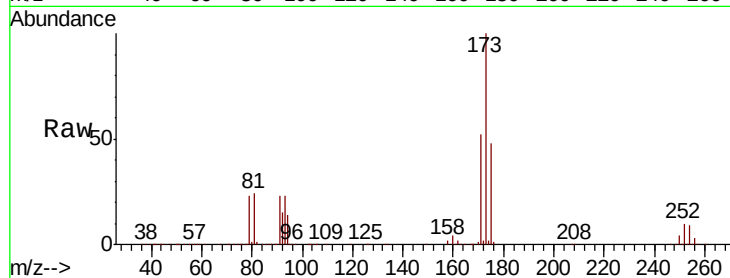
Tot Ion:173 Resp: 573675

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

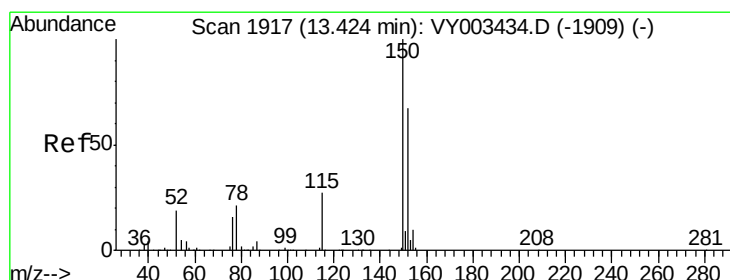
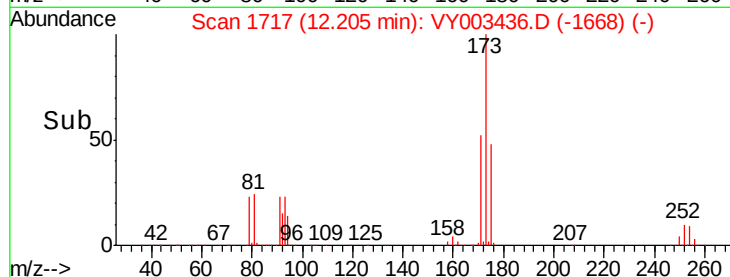
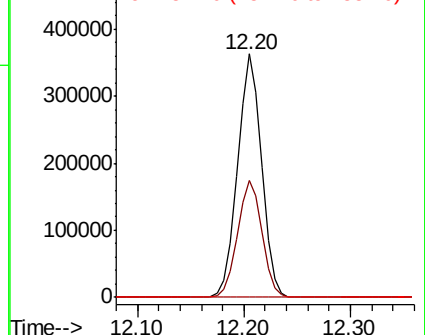
254 0.1 0.1 0.1#



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

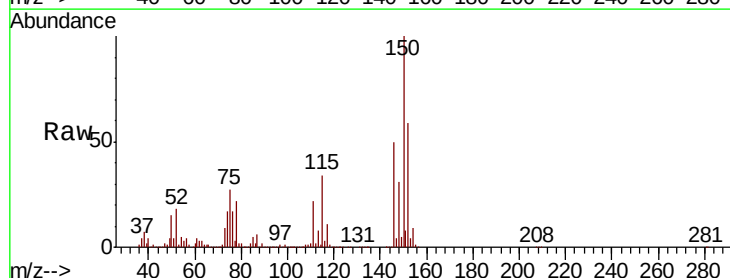
Tgt Ion:152 Resp: 416597

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

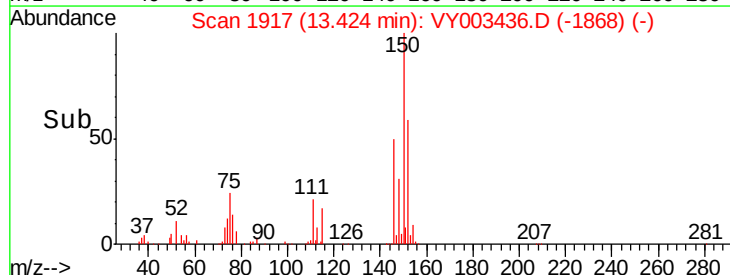
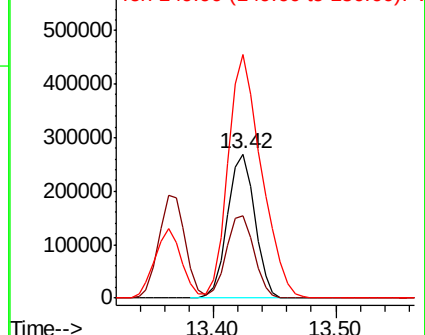
150 205.4 0.0 350.0

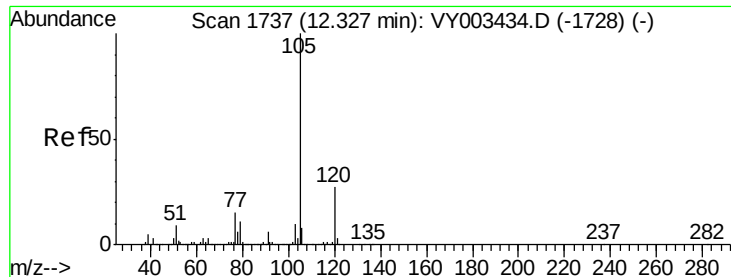


Abundance Ion 151.90 (151.60 to 152.60): V

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 :

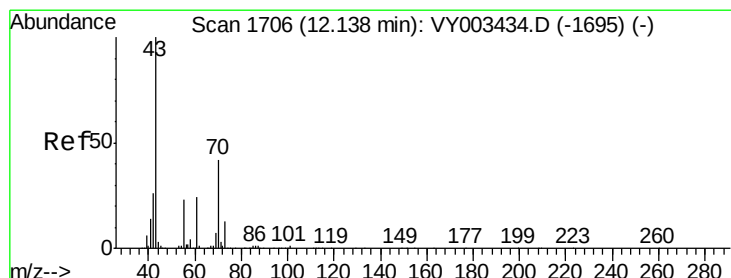
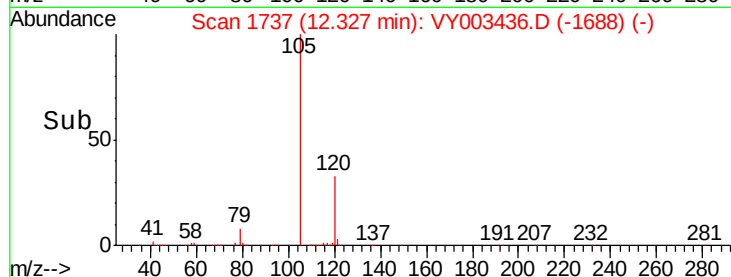
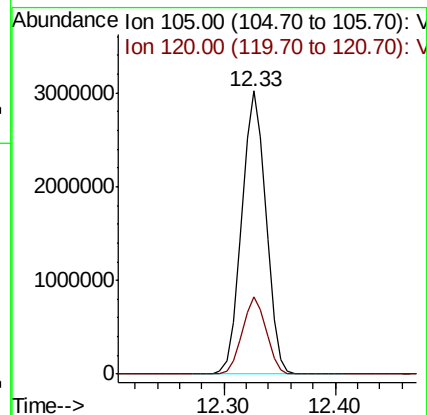
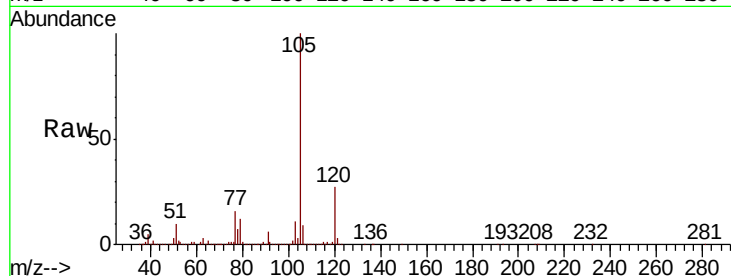
VSTDIC150

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

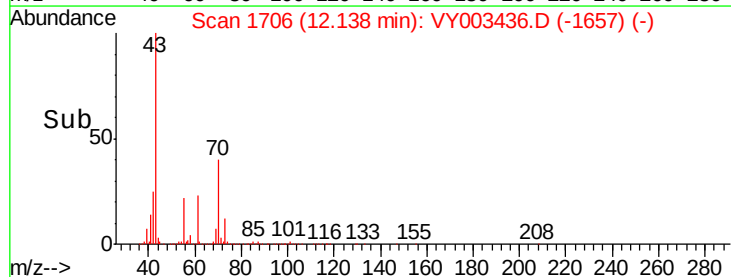
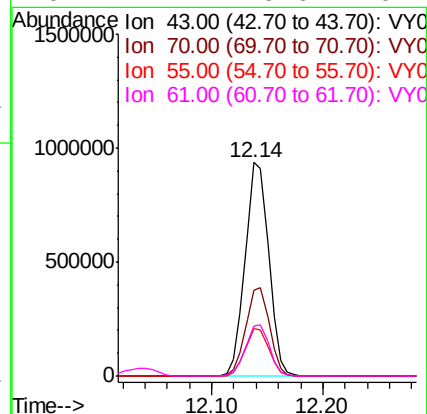
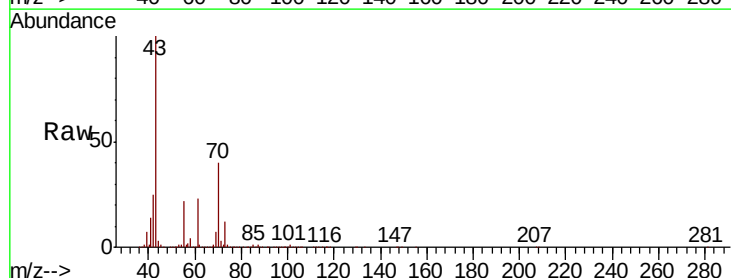
Ion Ratio Lower Upper

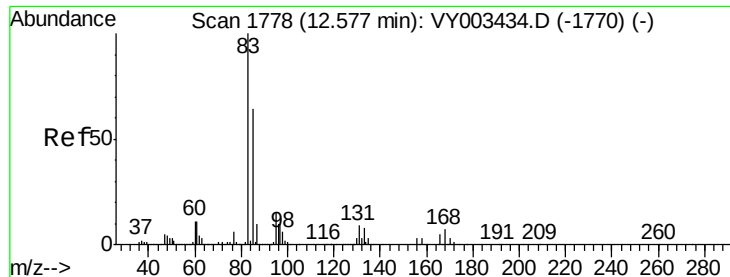
43 100

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

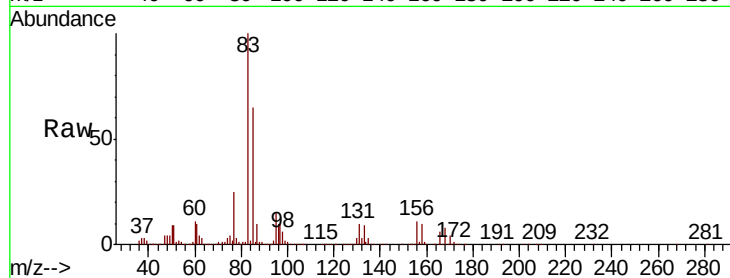
Tot Ion: 83 Resp: 885332

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

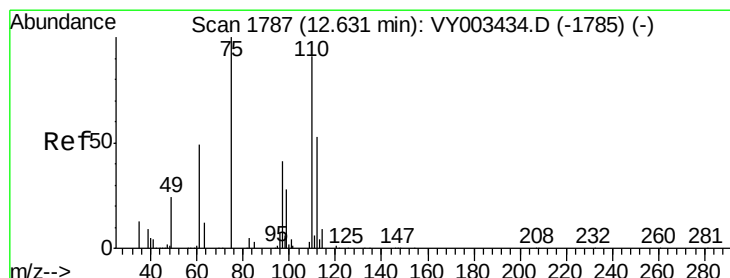
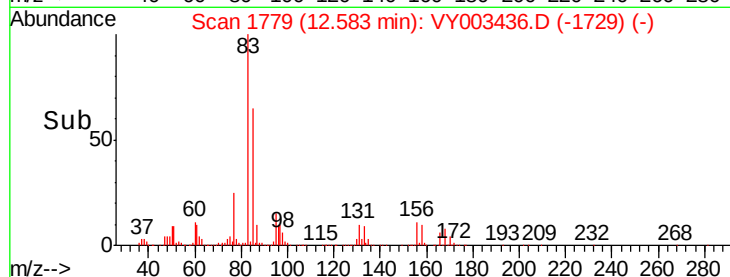
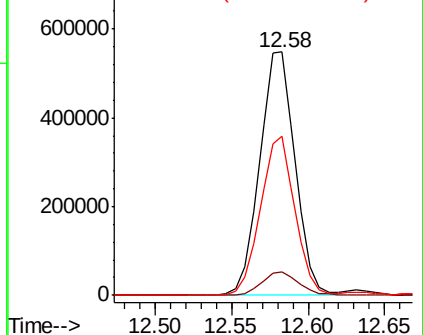
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY003436.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003436.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003436.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 264.796 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003436.D

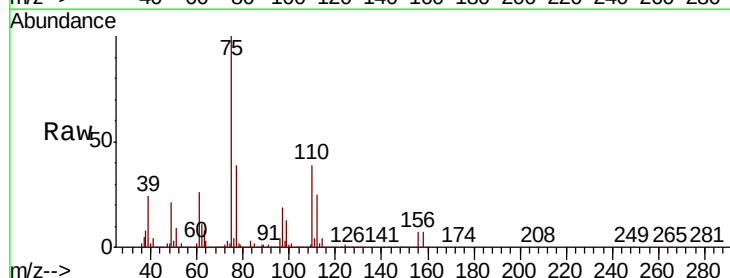
Acq: 04 Sep 2020 16:49

Tgt Ion: 75 Resp: 1210907

Ion Ratio Lower Upper

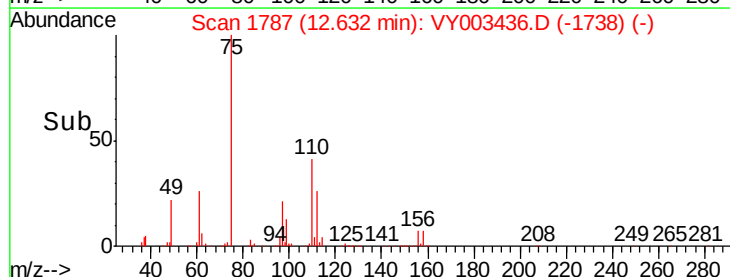
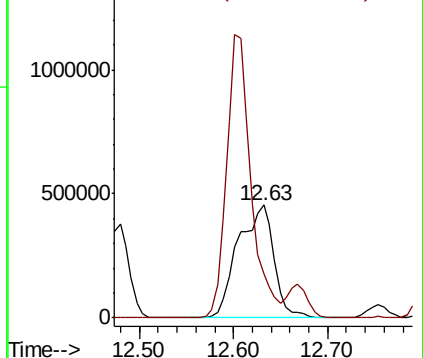
75 100

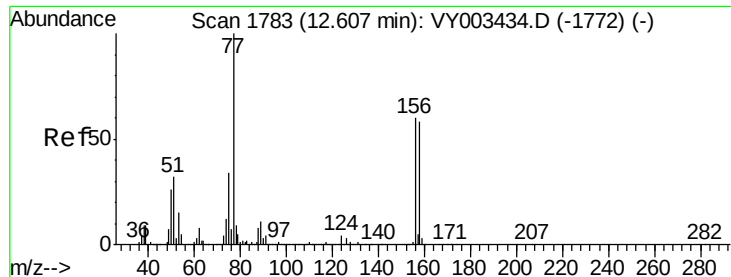
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003436.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003436.D (-1785) (-)





#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

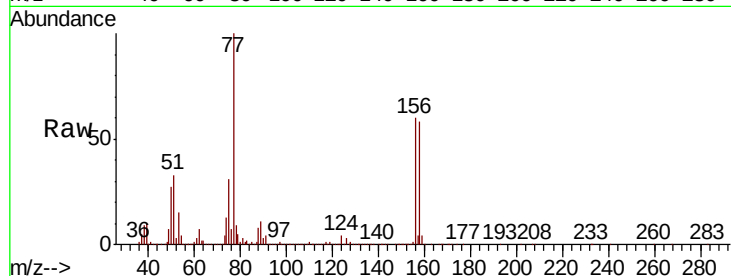
Tot Ion:156 Resp: 1051108

Ion Ratio Lower Upper

156 100

77 195.1 96.7 290.1

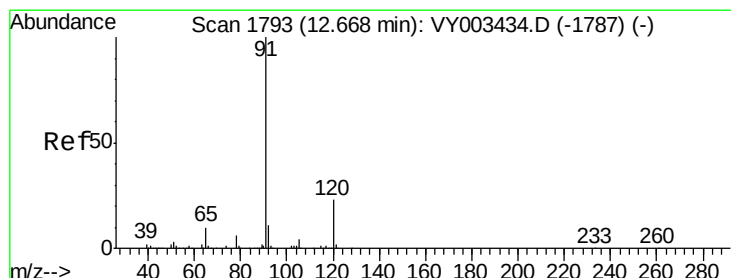
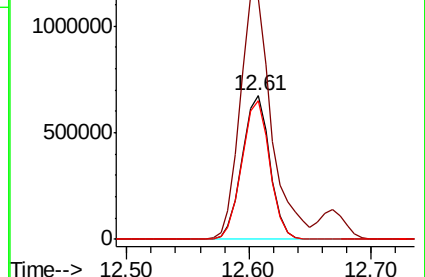
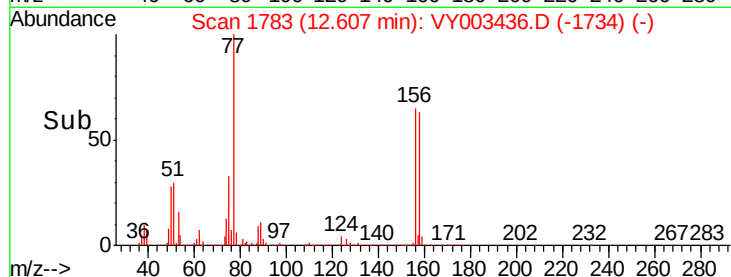
158 97.2 48.8 146.3



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

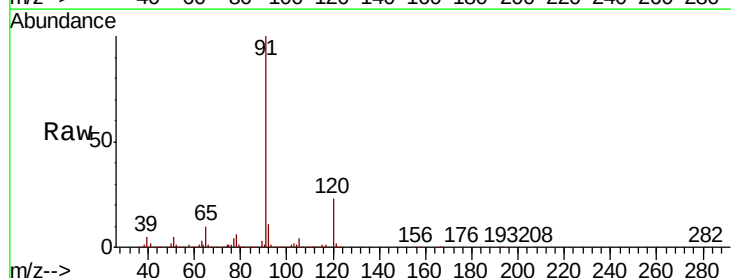
Acq: 04 Sep 2020 16:49

Tgt Ion: 91 Resp: 5353728

Ion Ratio Lower Upper

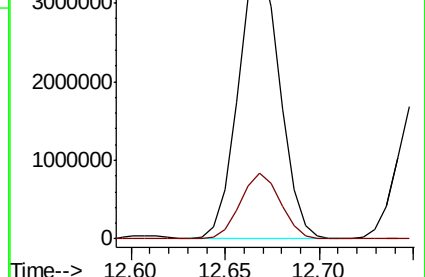
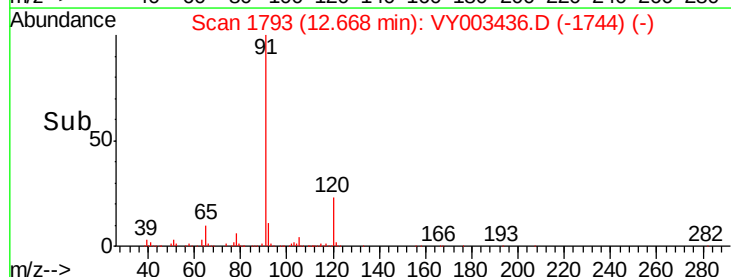
91 100

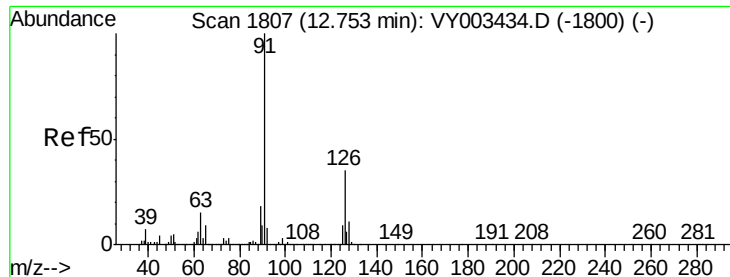
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

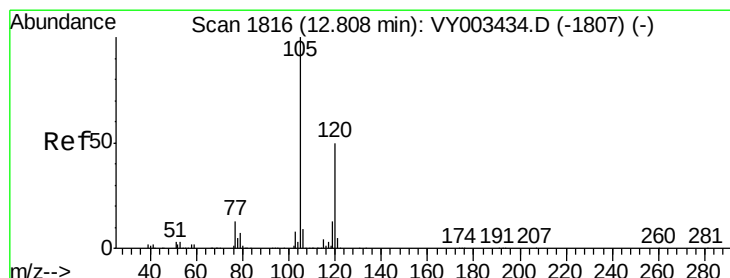
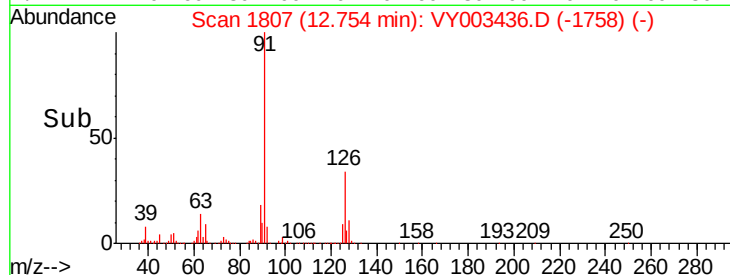
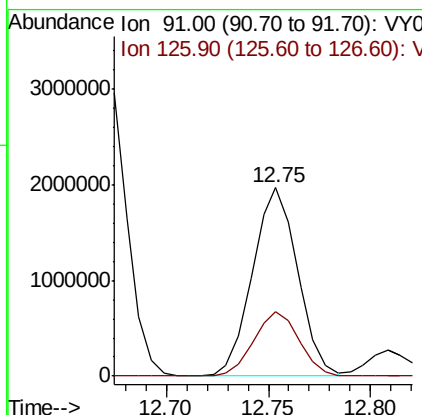
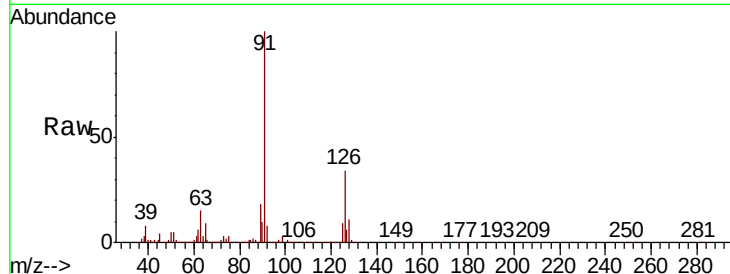




#79
 2-Chlorotoluene
 Concen: 146.182 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

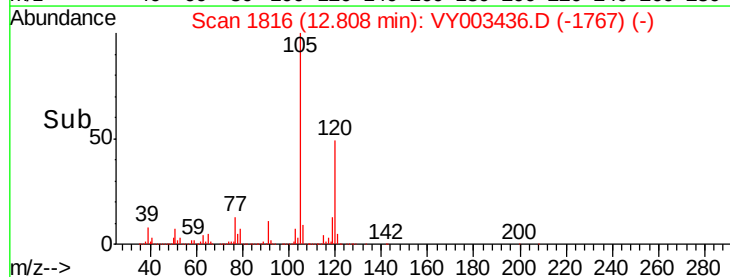
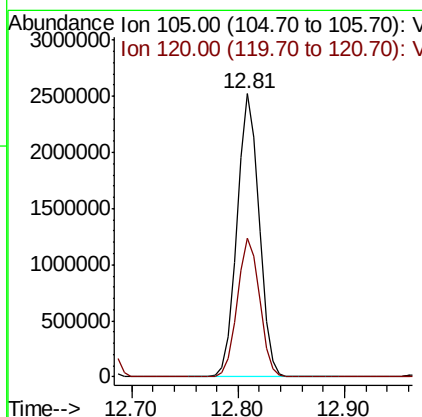
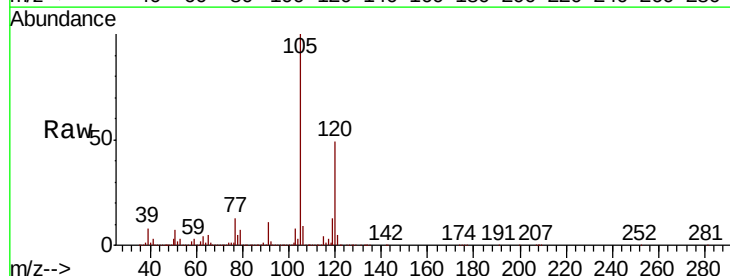
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

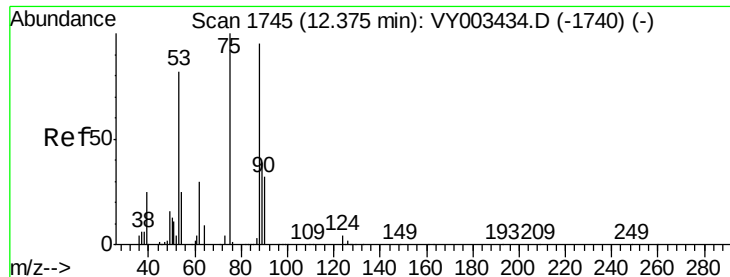
Tot Ion: 91 Resp: 3034272
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.5



#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





#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

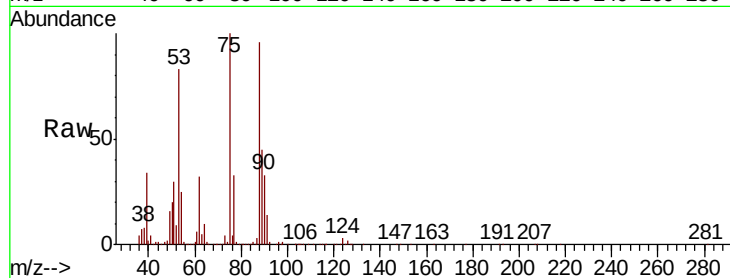
Tot Ion: 75 Resp: 337320

Ion Ratio Lower Upper

75 100

53 83.8 65.5 98.3

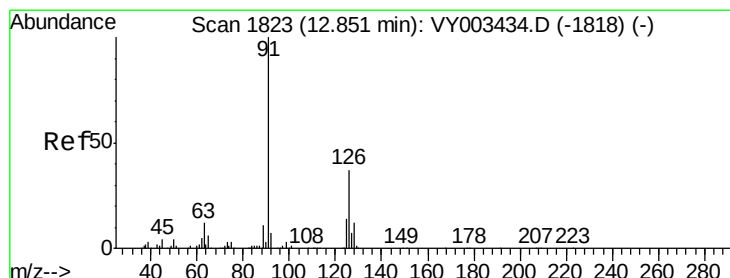
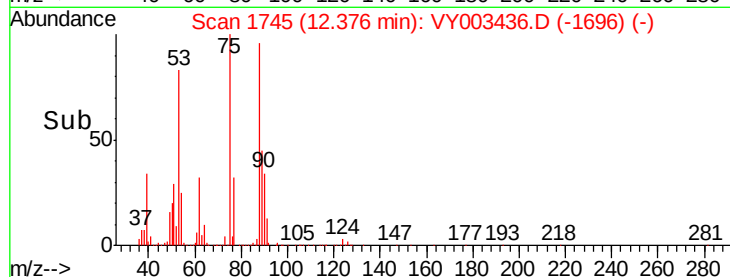
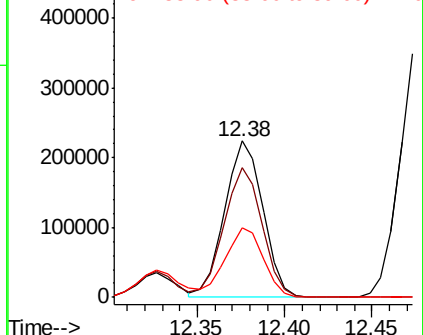
89 44.7 35.6 53.4



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

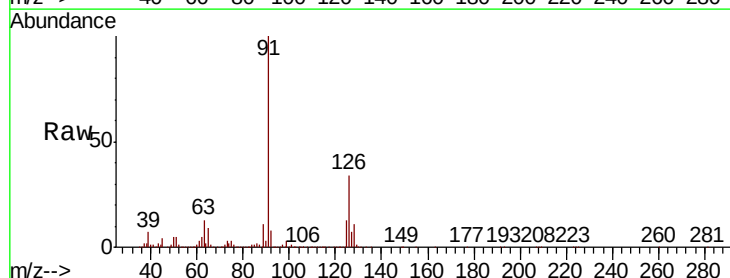
Acq: 04 Sep 2020 16:49

Tgt Ion: 91 Resp: 3173765

Ion Ratio Lower Upper

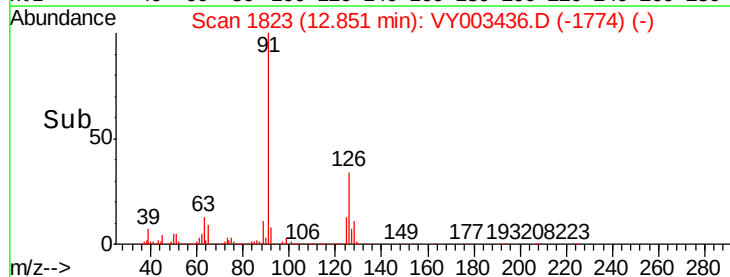
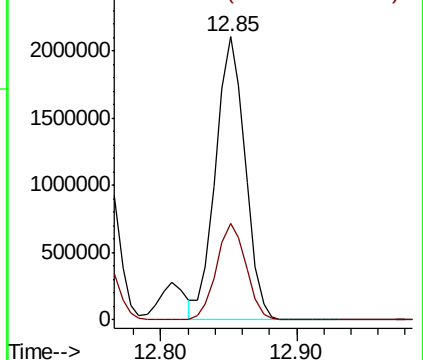
91 100

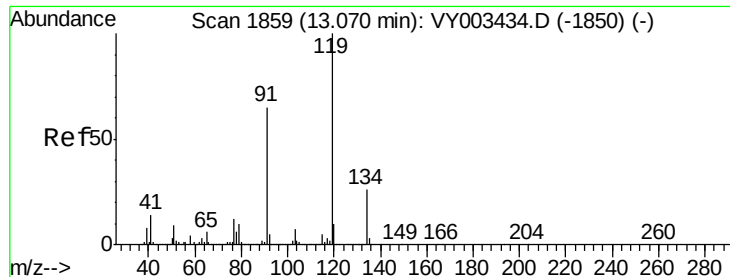
126 34.1 17.0 51.0



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

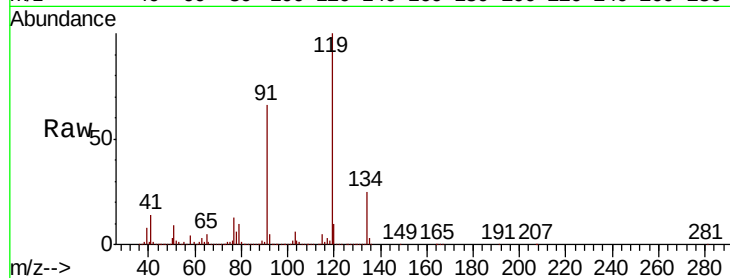
Tot Ion:119 Resp: 3116820

Ion Ratio Lower Upper

119 100

91 65.6 32.4 97.0

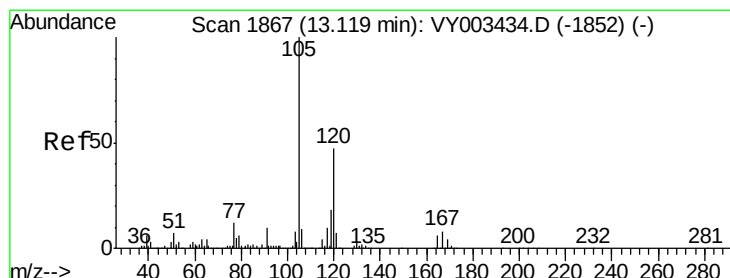
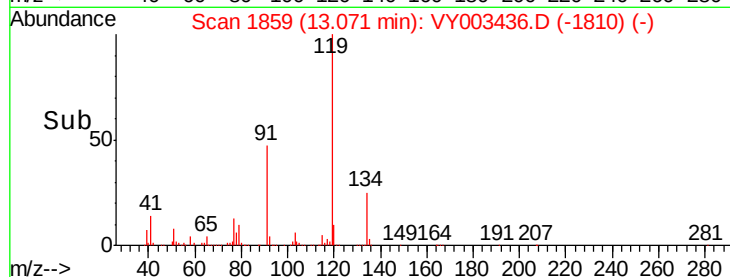
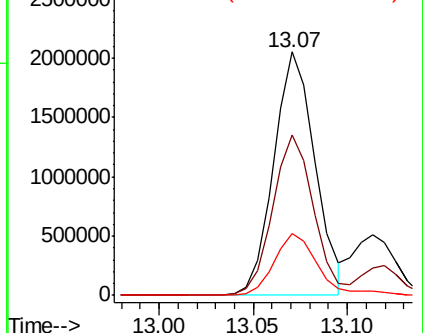
134 26.8 13.4 40.2



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

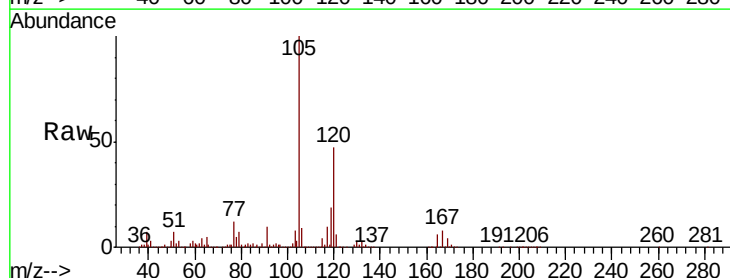
Acq: 04 Sep 2020 16:49

Tgt Ion:105 Resp: 3656612

Ion Ratio Lower Upper

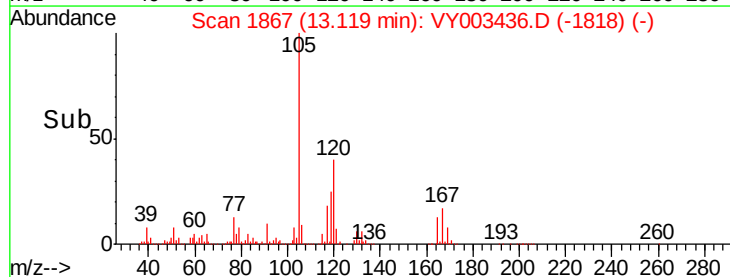
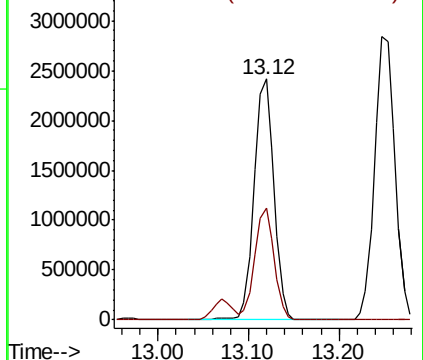
105 100

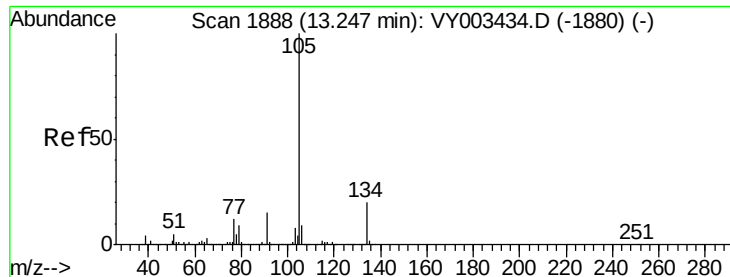
120 45.6 23.3 69.8



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 :

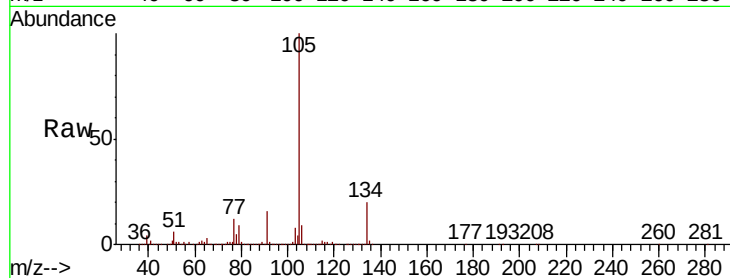
VSTDIC150

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

13.25

3000000

2500000

2000000

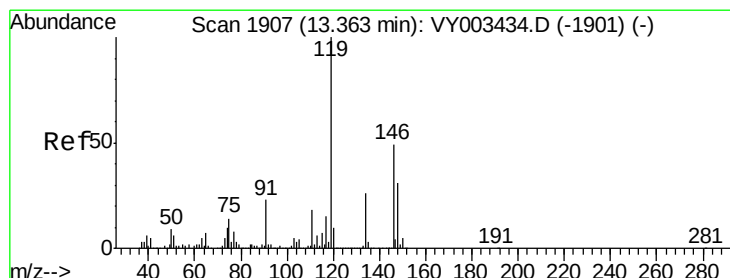
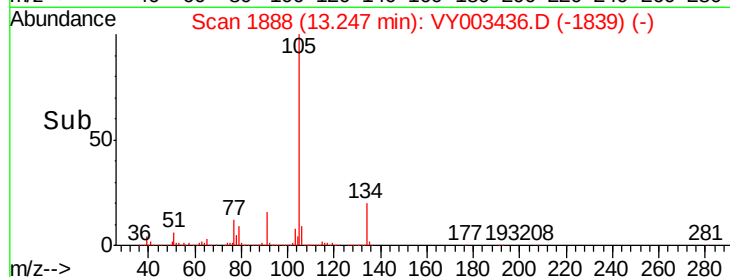
1500000

1000000

500000

0

Time-->



#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

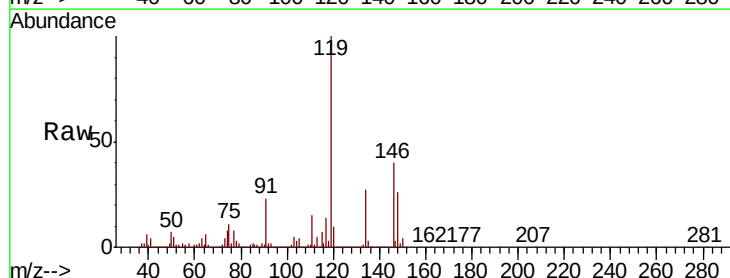
Tgt Ion:119 Resp: 3900864

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

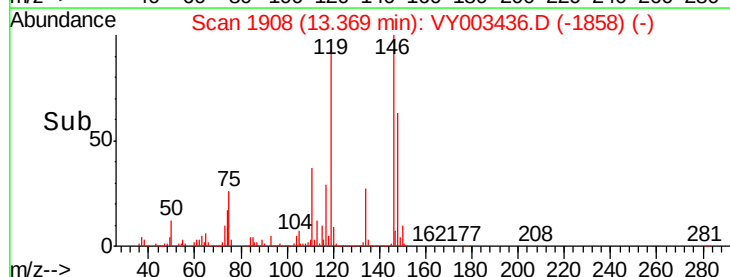
3000000

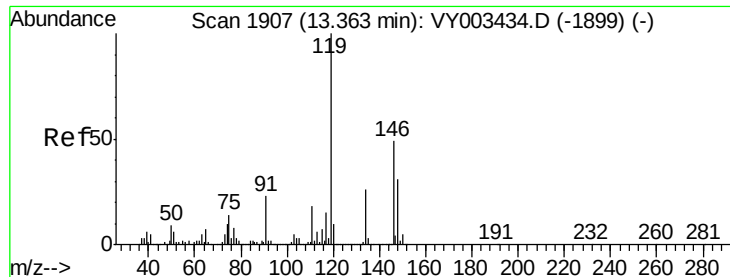
2000000

1000000

0

Time-->

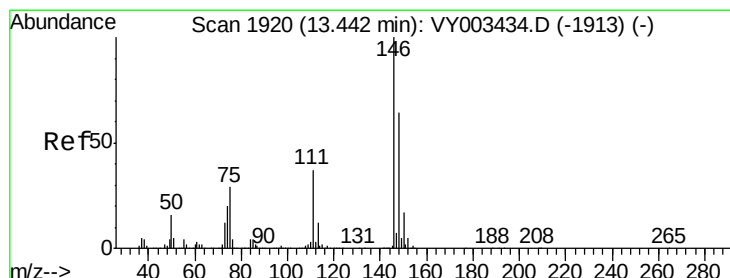
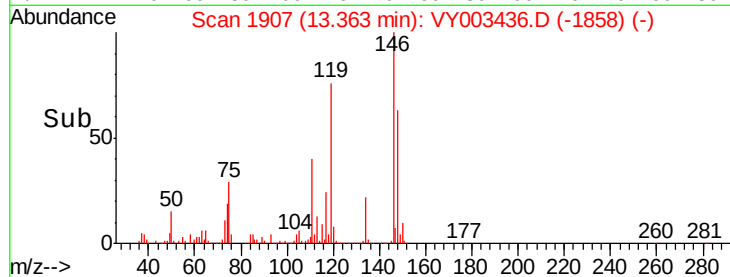
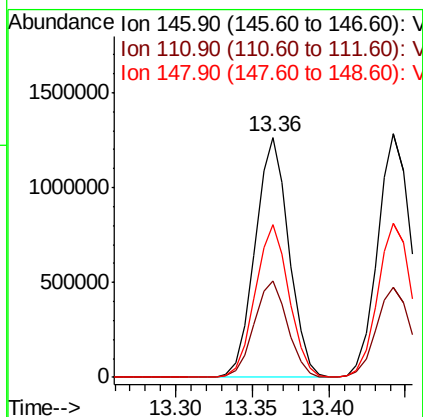
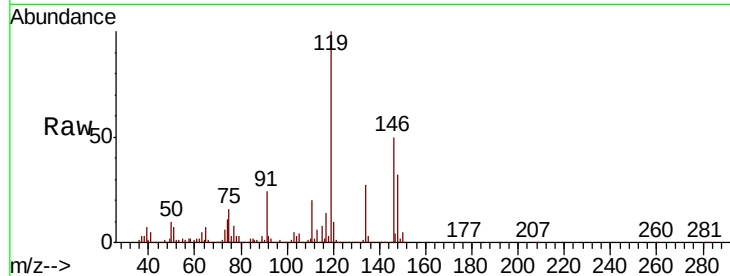




#87
 1,3-Dichlorobenzene
 Concen: 137.530 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

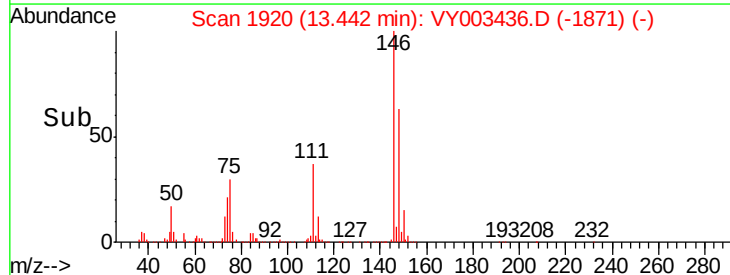
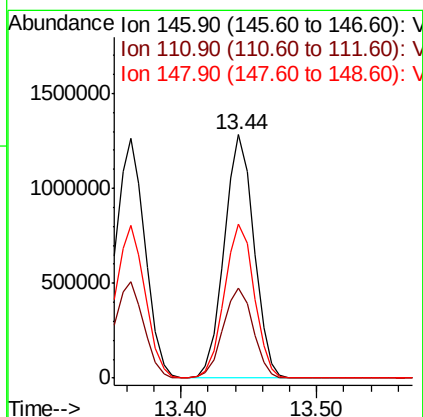
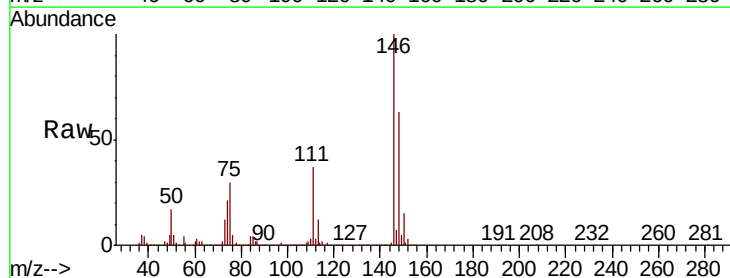
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

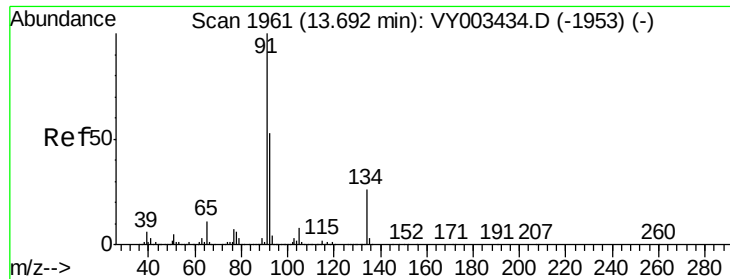
Tot Ion:146 Resp: 1937638
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 63.5 32.2 96.6



#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

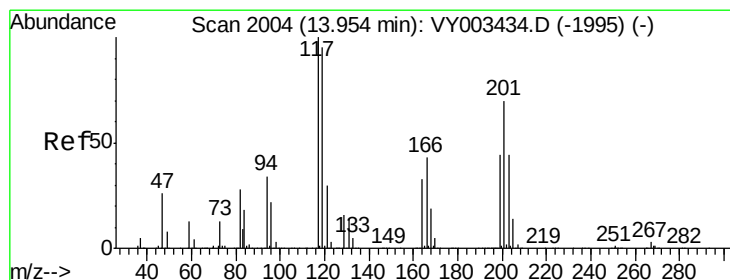
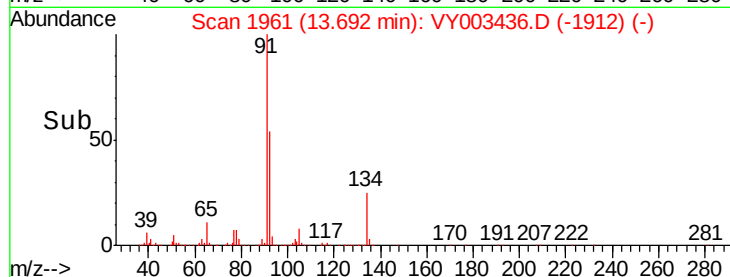
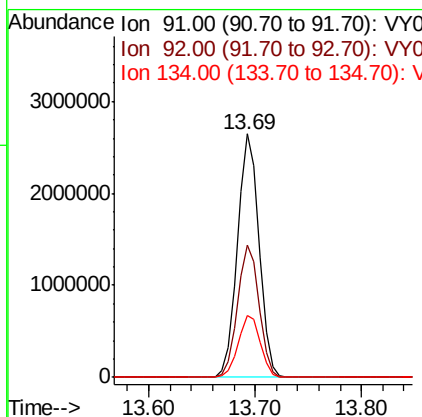
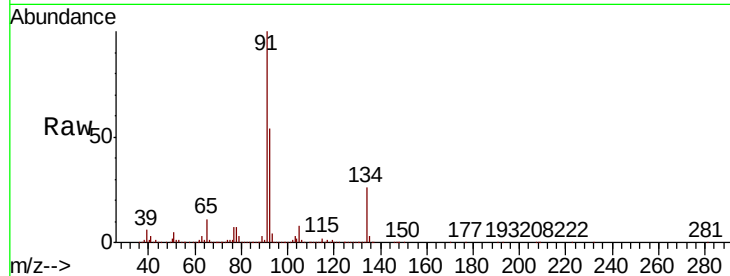




#89
n-Butylbenzene
Concen: 132.964 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

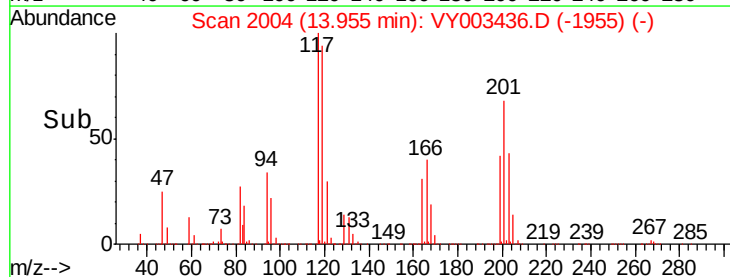
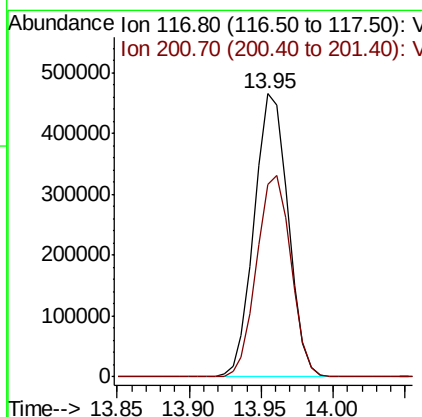
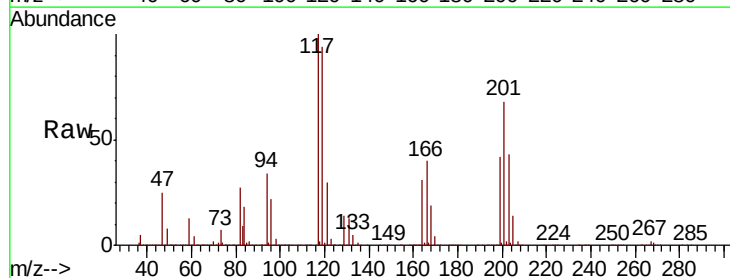
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

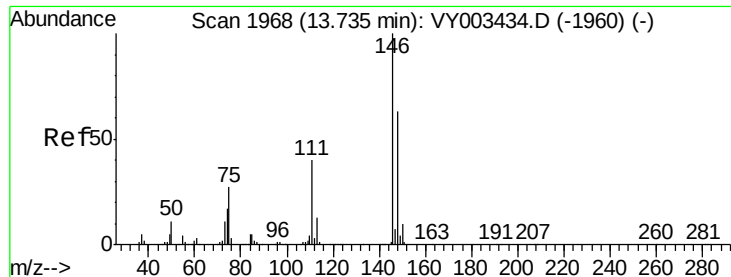
Tot Ion: 91 Resp: 3766660
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.1
134 26.0 13.0 39.0



#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

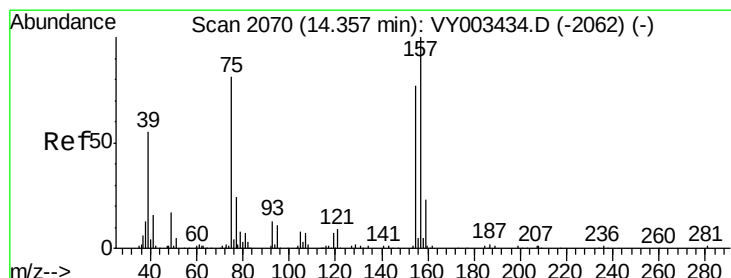
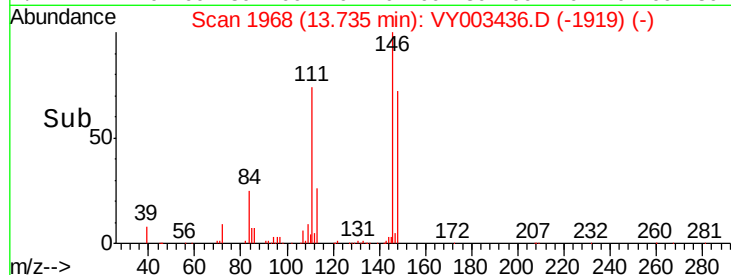
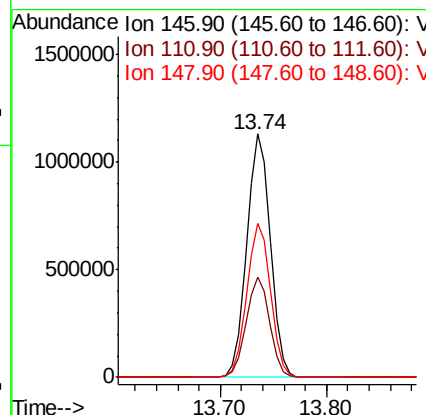
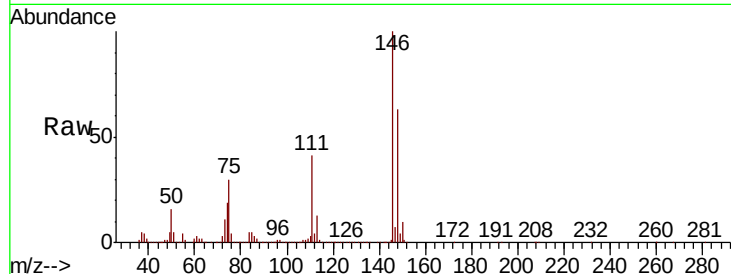




#91
 1,2-Dichlorobenzene
 Concen: 137.448 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003436.D
 Acq: 04 Sep 2020 16:49

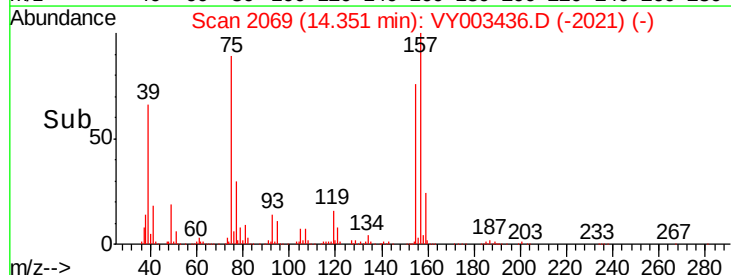
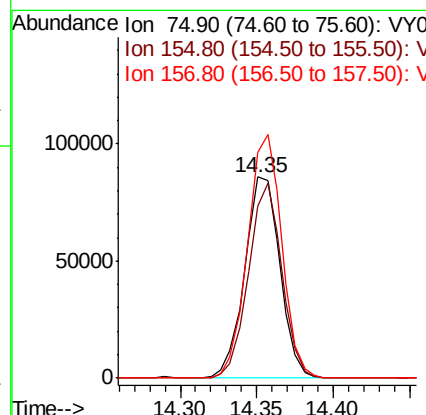
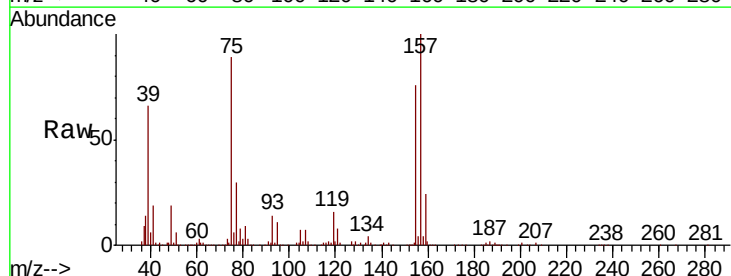
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

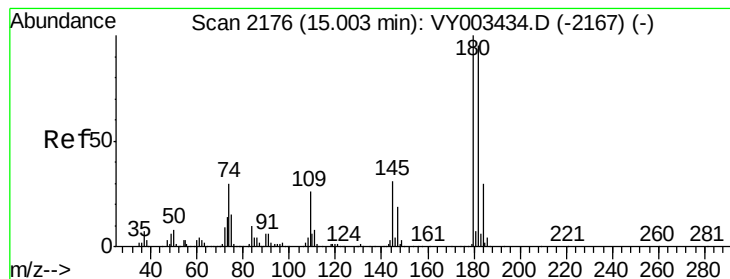
Tot Ion:146 Resp: 1762532
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.8
 148 63.6 31.9 95.5



#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

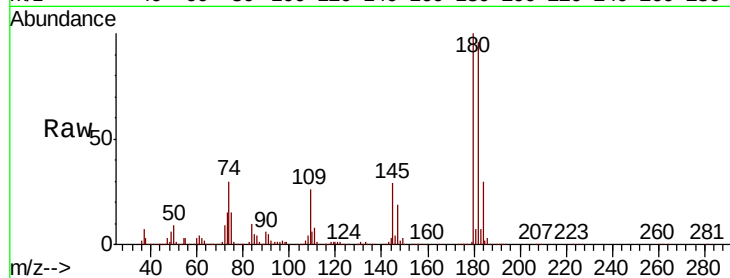
Tot Ion:180 Resp: 1116281

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.6

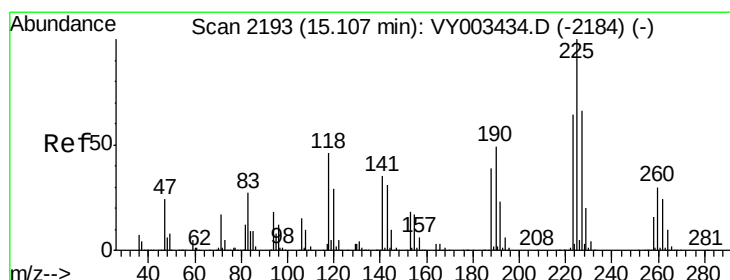
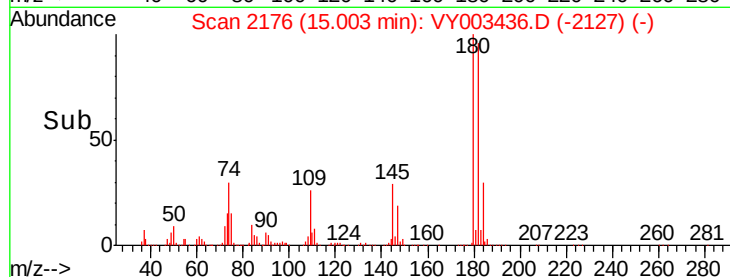
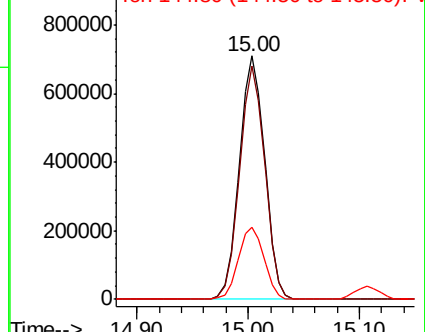
145 30.2 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#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

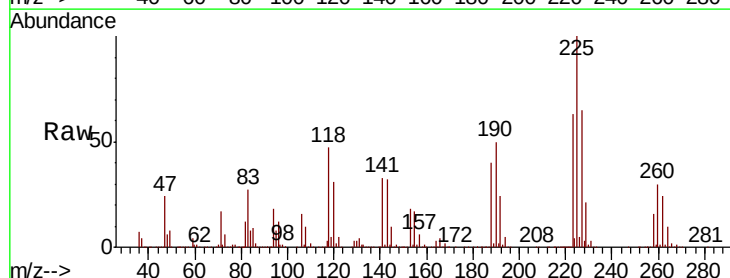
Tgt Ion:225 Resp: 566215

Ion Ratio Lower Upper

225 100

223 63.8 32.0 96.0

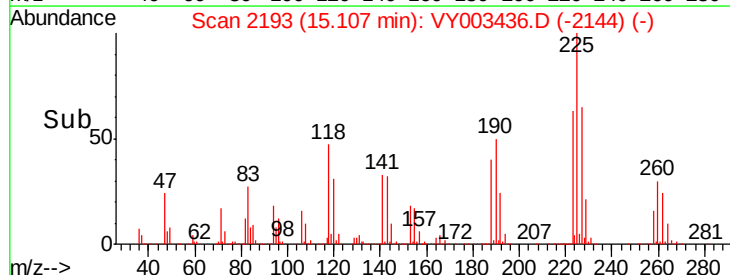
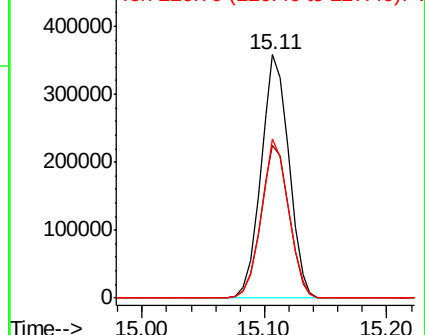
227 64.1 32.2 96.6

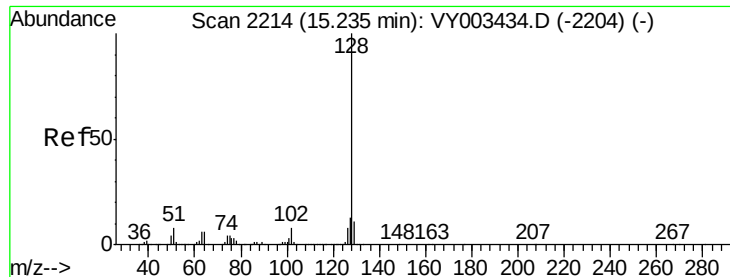


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

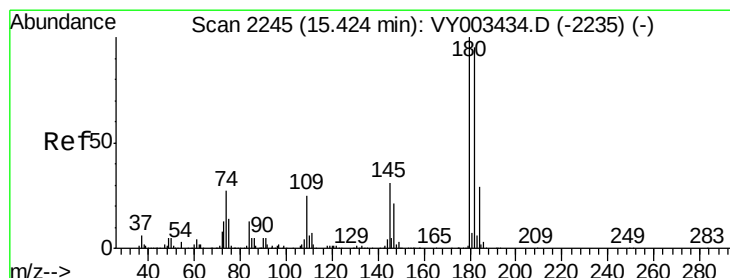
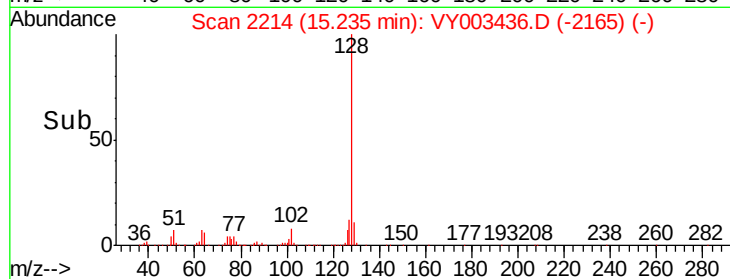
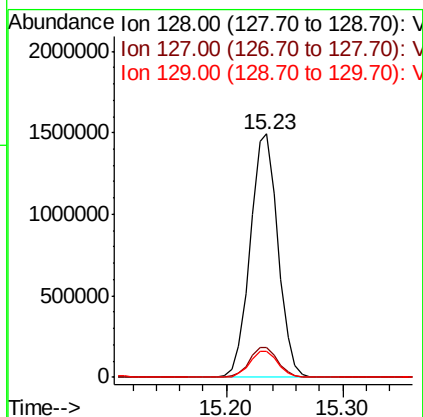
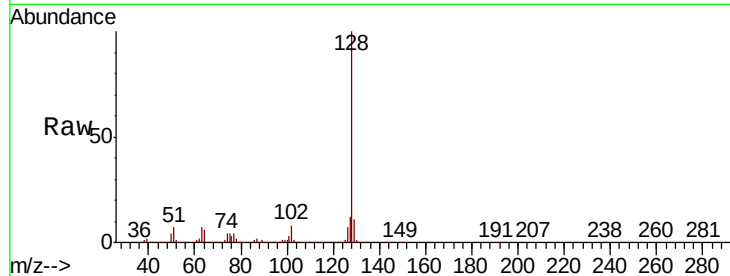




#95
Naphthalene
Concen: 136.869 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003436.D
Acq: 04 Sep 2020 16:49

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

