

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002938.D
 Acq On : 19 Jun 2020 14:47
 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: Jun 19 15:01:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	542730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257882	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	436013	143.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.44%	
35) Dibromofluoromethane	7.72	113	442216	142.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.72%	
50) Toluene-d8	10.18	98	1732570	142.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.16%	
62) 4-Bromofluorobenzene	12.48	95	588844	137.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	352628	152.344	ug/l	100
3) Chloromethane	2.12	50	394579	148.648	ug/l	99
4) Vinyl Chloride	2.26	62	431265	153.502	ug/l	99
5) Bromomethane	2.63	94	275509	128.123	ug/l	95
6) Chloroethane	2.79	64	265779	145.464	ug/l	96
7) Trichlorofluoromethane	3.12	101	728882	142.785	ug/l	98
8) Diethyl Ether	3.54	74	270200	147.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	437731	142.224	ug/l	99
10) Methyl Iodide	4.10	142	655026	160.570	ug/l	100
11) Tert butyl alcohol	4.97	59	232249	594.559	ug/l	99
12) 1,1-Dichloroethene	3.88	96	442747	145.916	ug/l	99
13) Acrolein	3.74	56	239125	816.833	ug/l	99
14) Allyl chloride	4.49	41	642283	147.012	ug/l	100
15) Acrylonitrile	5.18	53	643470	728.908	ug/l	100
16) Acetone	3.96	43	539640	723.573	ug/l	97
17) Carbon Disulfide	4.20	76	1365830	156.402	ug/l	100
18) Methyl Acetate	4.49	43	267980	113.305	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1218578	147.562	ug/l	98
20) Methylene Chloride	4.72	84	486247	87.998	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	487581	144.650	ug/l	99
22) Diisopropyl ether	6.13	45	1277657	141.328	ug/l	99
23) Vinyl Acetate	6.07	43	4418858	779.421	ug/l	99
24) 1,1-Dichloroethane	6.02	63	760442	142.827	ug/l	99
25) 2-Butanone	7.00	43	814699	727.096	ug/l	99
26) 2,2-Dichloropropane	6.99	77	688858	136.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	543889	143.843	ug/l	100
28) Bromochloromethane	7.34	49	326271	147.379	ug/l	98
29) Tetrahydrofuran	7.35	42	528903	731.989	ug/l	100
30) Chloroform	7.52	83	798375	143.074	ug/l	100
31) Cyclohexane	7.79	56	723462	137.586	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	739550	144.498	ug/l	100
36) 1,1-Dichloropropene	7.93	75	635178	144.428	ug/l	100
37) Ethyl Acetate	7.08	43	350561	141.784	ug/l	99
38) Carbon Tetrachloride	7.91	117	705405	145.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	855437	149.201	ug/l	98
40) Benzene	8.17	78	1881709	143.144	ug/l	99
41) Methacrylonitrile	7.35	41	481275	215.242	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	523447	143.185	ug/l	100
43) Isopropyl Acetate	8.28	43	674084	148.823	ug/l	99
44) Trichloroethene	8.94	130	579790	141.938	ug/l	100
45) 1,2-Dichloropropane	9.22	63	450122	141.995	ug/l	99
46) Dibromomethane	9.31	93	270235	142.811	ug/l	99
47) Bromodichloromethane	9.50	83	644134	147.175	ug/l	100
48) Methyl methacrylate	9.30	41	307642	152.708	ug/l	97
49) 1,4-Dioxane	9.30	88	81026	2963.955	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1748739	722.756	ug/l	100
52) Toluene	10.25	92	1218448	143.393	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	701951	148.060	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	794956	147.799	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	399574	141.070	ug/l	100
56) Ethyl methacrylate	10.51	69	568137	152.287	ug/l	98
57) 1,3-Dichloropropane	10.79	76	664807	140.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1401177	750.641	ug/l	100
59) 2-Hexanone	10.83	43	1239940	733.304	ug/l	100
60) Dibromochloromethane	10.99	129	522123	145.976	ug/l	99
61) 1,2-Dibromoethane	11.09	107	401388	143.674	ug/l	99
64) Tetrachloroethene	10.72	164	577317	136.605	ug/l	99
65) Chlorobenzene	11.52	112	1359995	143.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	517343	144.990	ug/l	99
67) Ethyl Benzene	11.59	91	2352803	144.602	ug/l	100
68) m/p-Xylenes	11.70	106	1835217	290.315	ug/l	99
69) o-Xylene	12.03	106	866621	145.419	ug/l	100
70) Styrene	12.05	104	1504971	146.649	ug/l	100
71) Bromoform	12.20	173	352062	148.092	ug/l #	98
73) Isopropylbenzene	12.33	105	2297413	145.943	ug/l	99
74) N-amyl acetate	12.14	43	615737	153.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	433069	148.359	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	613569	167.754	ug/l #	100
77) Bromobenzene	12.61	156	601685	145.468	ug/l	99
78) n-propylbenzene	12.67	91	2641261	144.214	ug/l	100
79) 2-Chlorotoluene	12.75	91	1488033	144.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1915704	145.960	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	178479	154.724	ug/l	99
82) 4-Chlorotoluene	12.85	91	1550770	143.214	ug/l	100
83) tert-Butylbenzene	13.08	119	1689037	142.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1910593	144.058	ug/l	100
85) sec-Butylbenzene	13.25	105	2287236	141.501	ug/l	100
86) p-Isopropyltoluene	13.37	119	2152321	142.507	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1113285	141.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1107456	140.593	ug/l	100
89) n-Butylbenzene	13.69	91	1921603	140.166	ug/l	99
90) Hexachloroethane	13.96	117	408671	146.325	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1008820	140.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	80562	147.163	ug/l	99

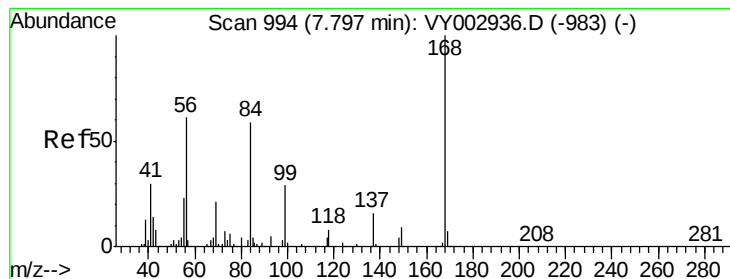
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	764235	142.375	ug/l	99
94) Hexachlorobutadiene	15.11	225	423024	134.826	ug/l	100
95) Naphthalene	15.23	128	1593101	151.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	683823	142.985	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

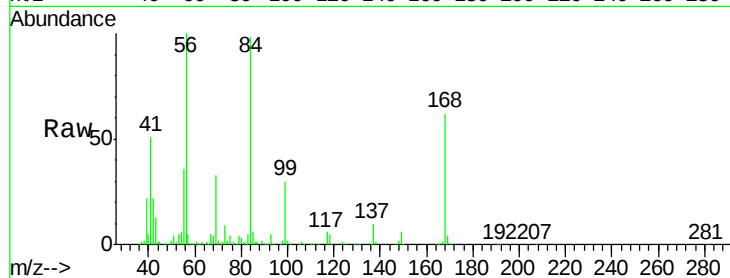
VSTDICC150

Tgt Ion:168 Resp: 364807

Ion Ratio Lower Upper

168 100

99 48.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002938.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002938.D (-983) (-)

7.80

200000

150000

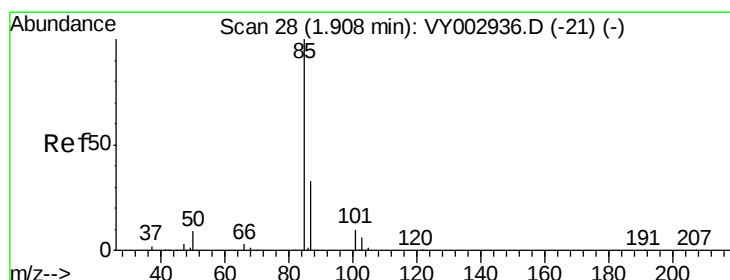
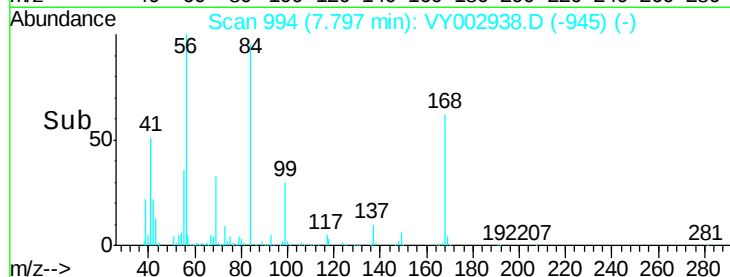
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 152.344 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002938.D

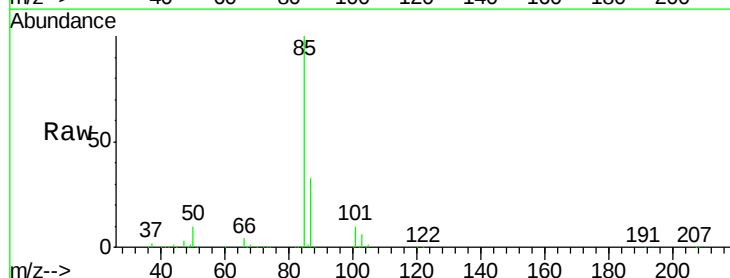
Acq: 19 Jun 2020 14:47

Tgt Ion: 85 Resp: 352628

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002938.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002938.D (-21) (-)

1.90

250000

200000

150000

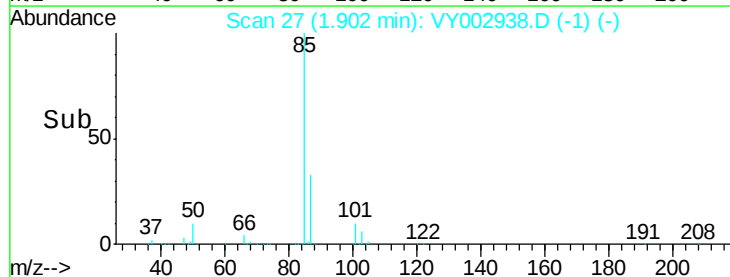
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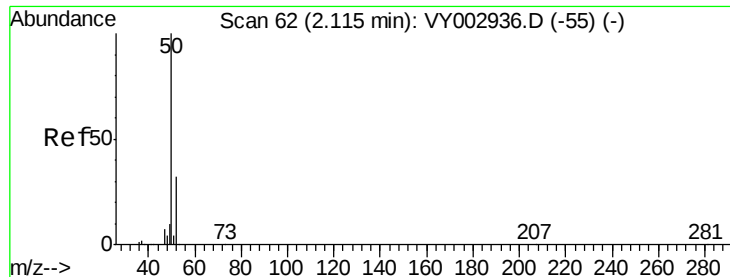
50000

0

1.80 1.90 2.00 2.10

Time-->

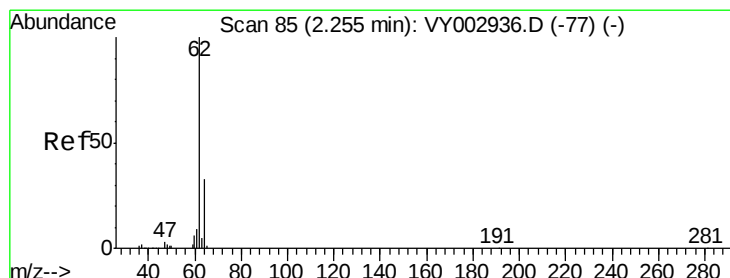
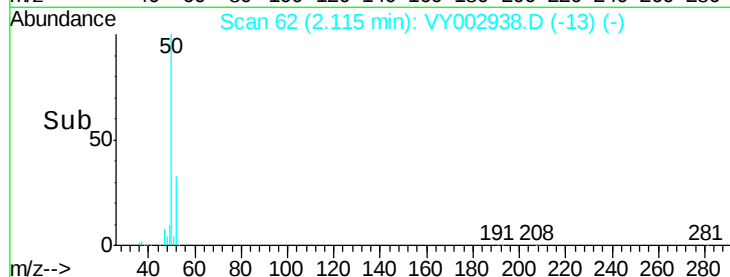
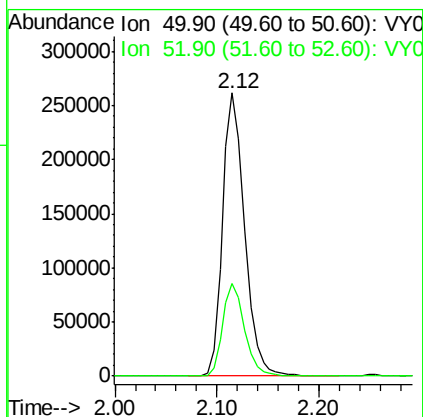
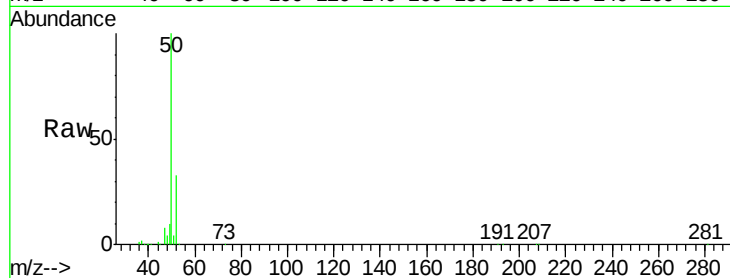




#3
Chloromethane
Concen: 148.648 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

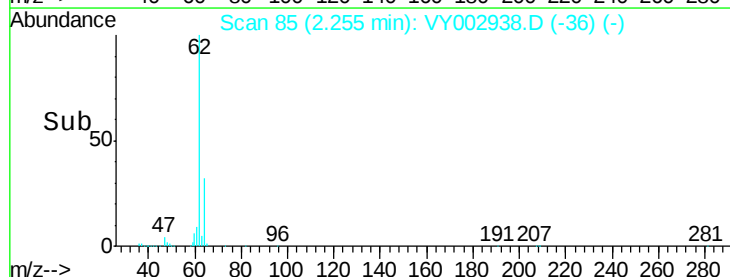
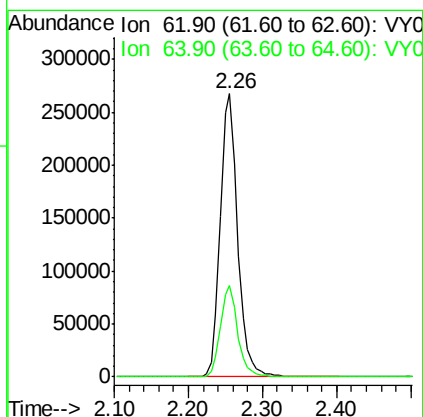
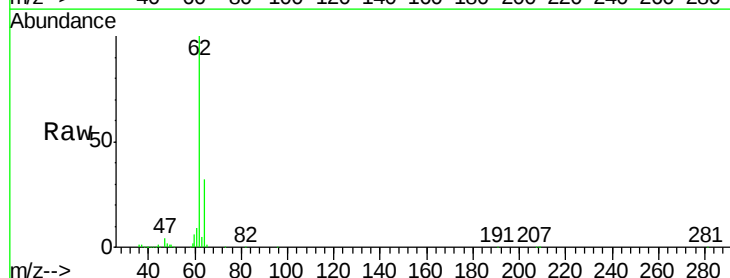
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

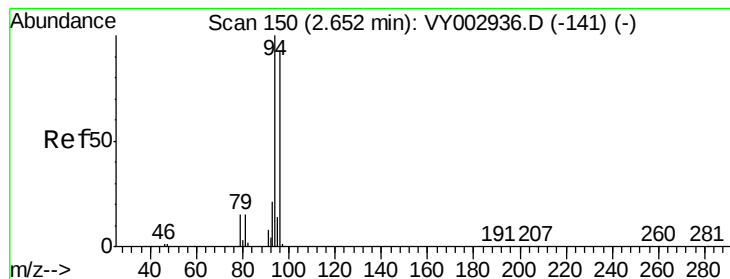
Tgt Ion: 50 Resp: 394579
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6



#4
Vinyl Chloride
Concen: 153.502 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 62 Resp: 431265
Ion Ratio Lower Upper
62 100
64 32.5 26.3 39.5





#5

Bromomethane

Concen: 128.123 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

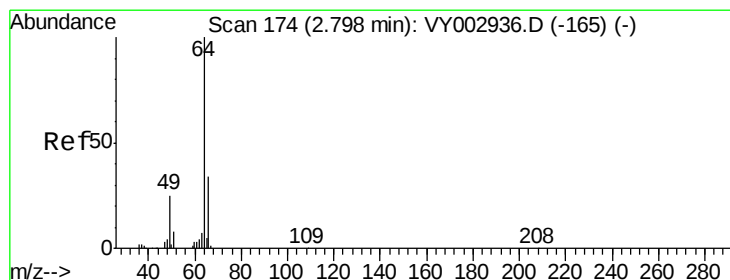
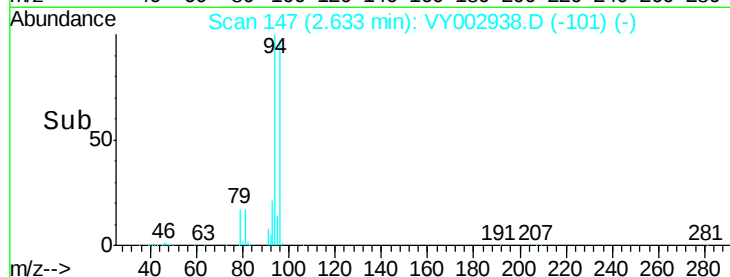
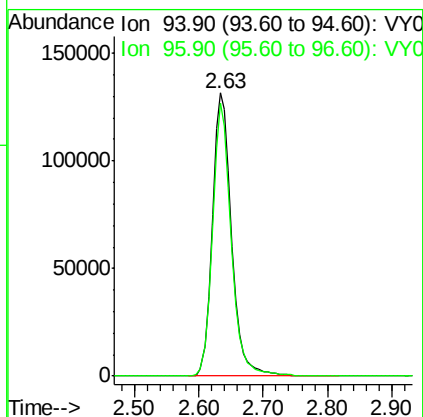
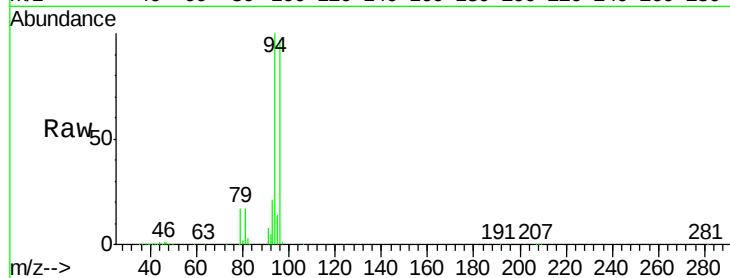
VSTDICC150

Tgt Ion: 94 Resp: 275509

Ion Ratio Lower Upper

94 100

96 96.5 73.7 110.5



#6

Chloroethane

Concen: 145.464 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002938.D

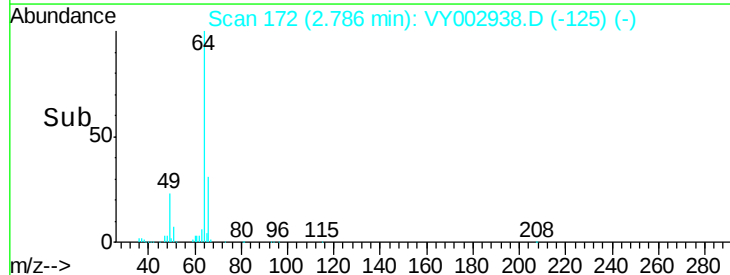
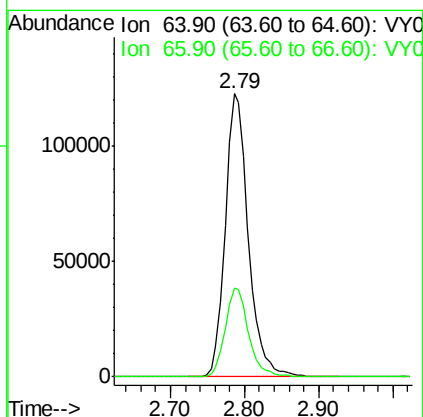
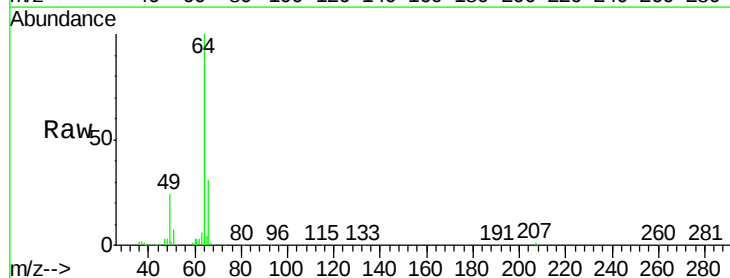
Acq: 19 Jun 2020 14:47

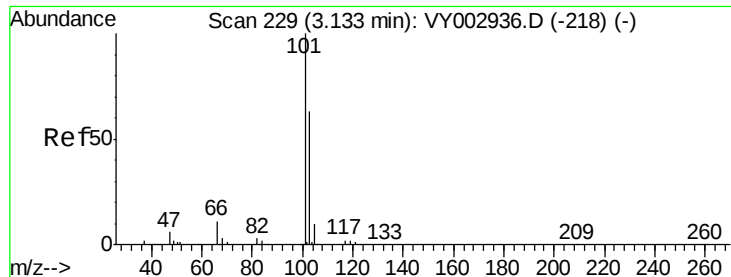
Tgt Ion: 64 Resp: 265779

Ion Ratio Lower Upper

64 100

66 31.4 27.0 40.6



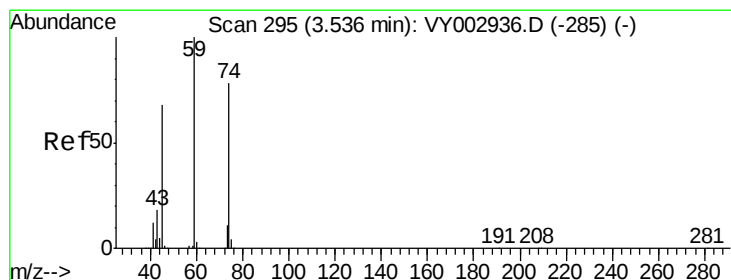
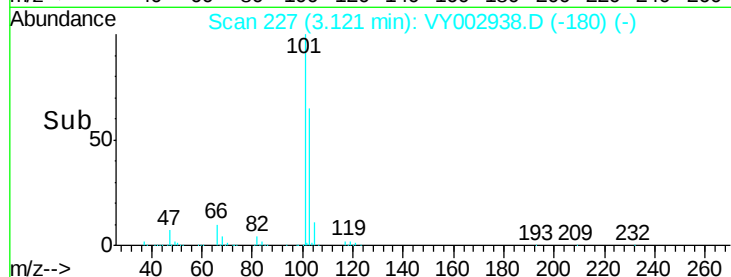
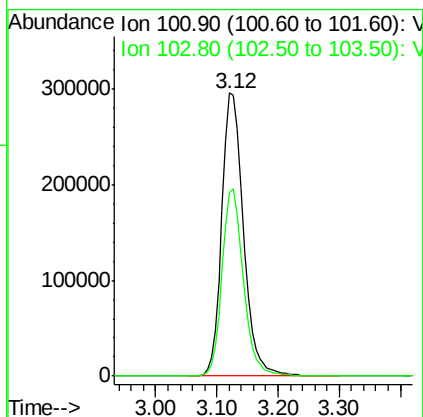
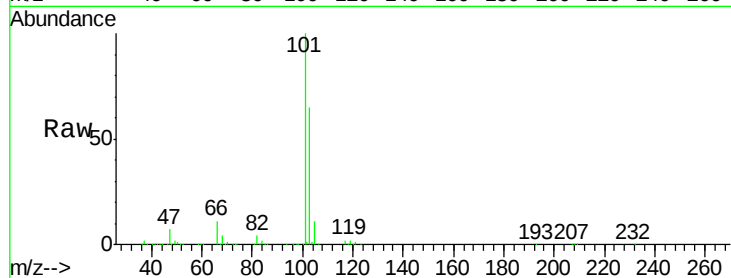


#7

Trichlorofluoromethane
 Concen: 142.785 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

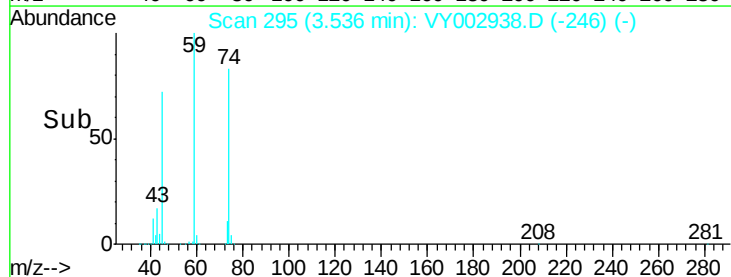
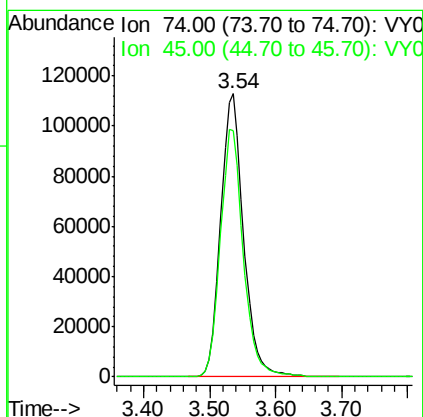
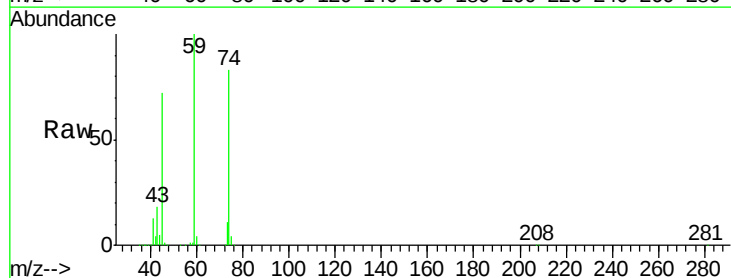
Tgt Ion: 101 Resp: 728882
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

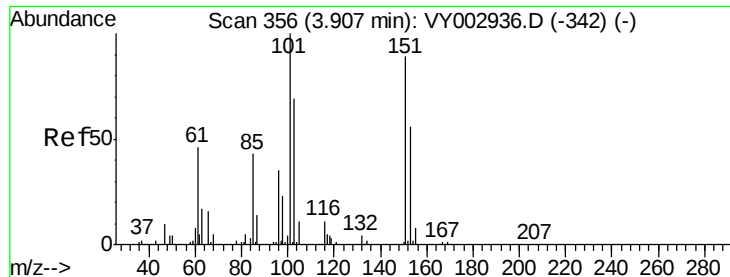


#8

Diethyl Ether
 Concen: 147.623 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 74 Resp: 270200
 Ion Ratio Lower Upper
 74 100
 45 87.8 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.224 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

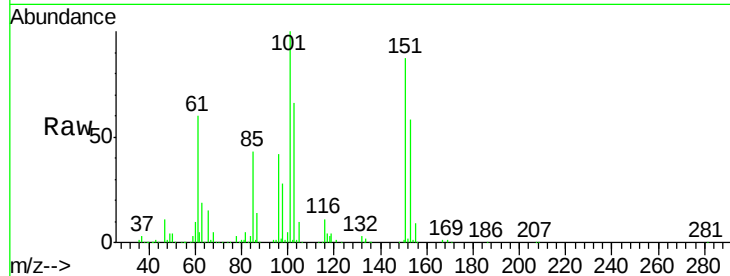
Tgt Ion:101 Resp: 437731

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

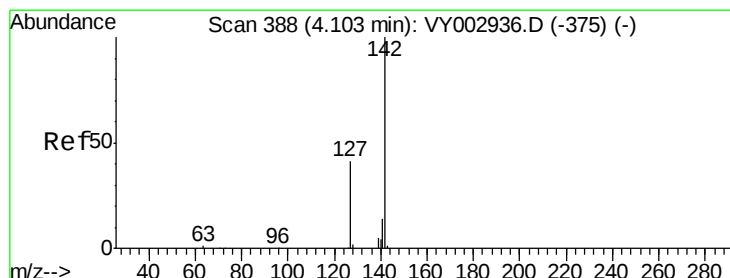
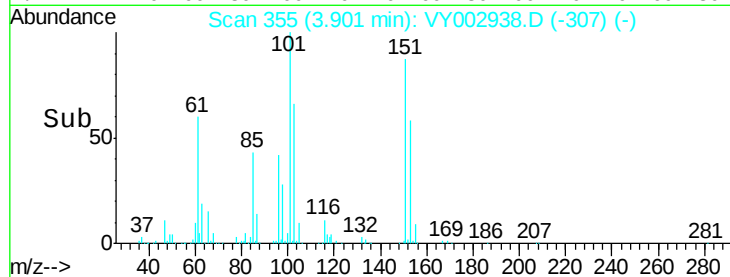
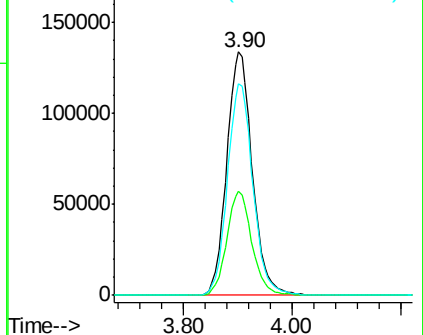
151 86.8 70.4 105.6



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: 160.570 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

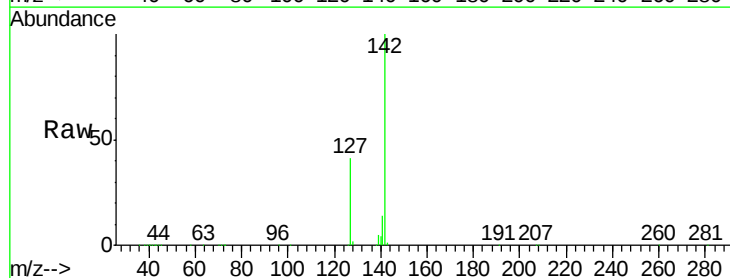
Tgt Ion:142 Resp: 655026

Ion Ratio Lower Upper

142 100

127 41.4 32.9 49.3

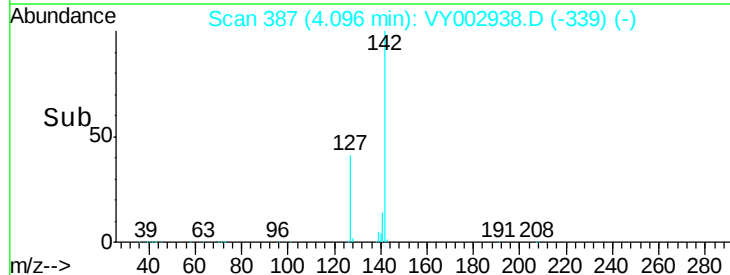
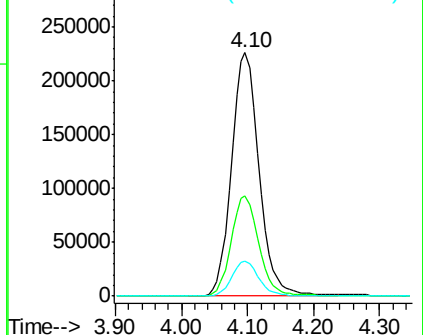
141 14.1 11.3 16.9

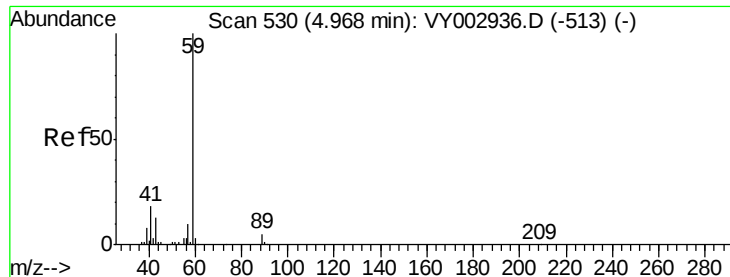


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



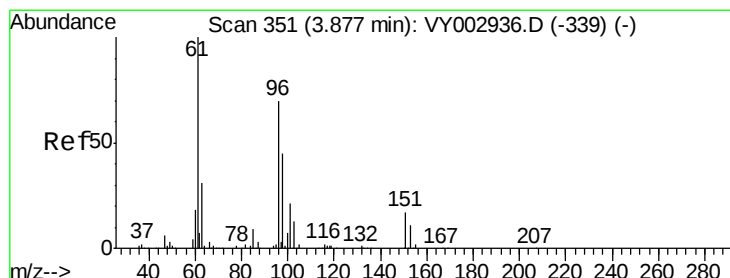
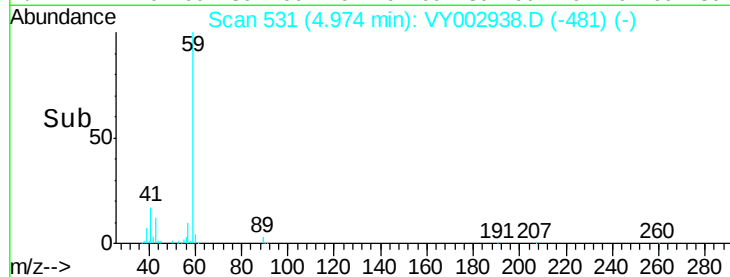
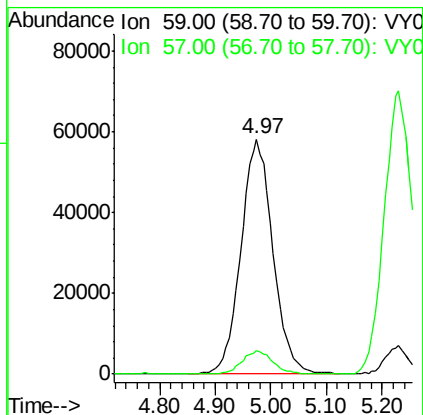
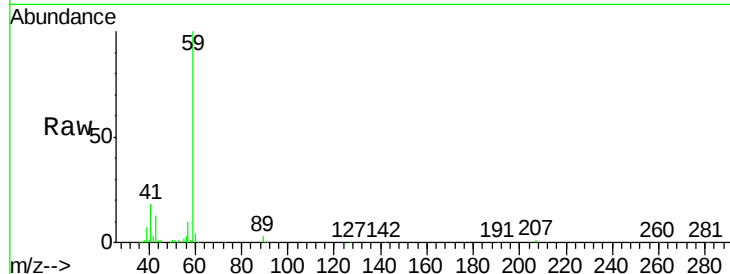


#11

Tert butyl alcohol
 Concen: 594.559 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

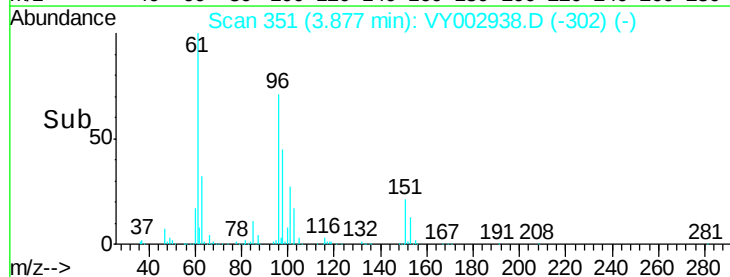
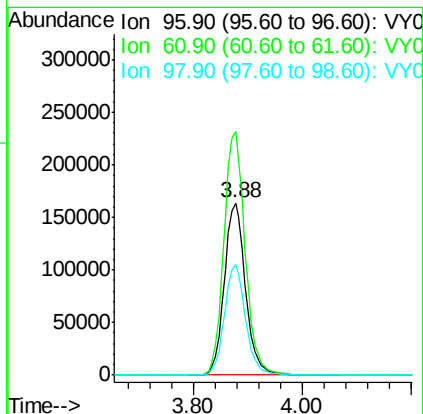
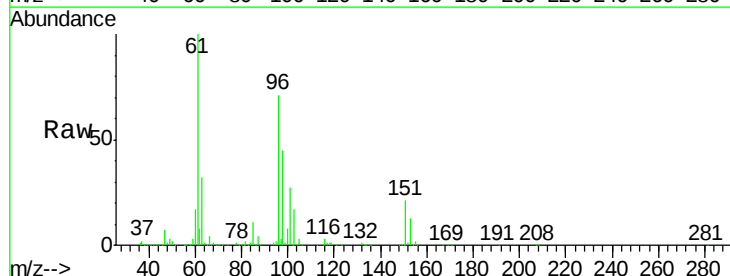
Tgt Ion: 59 Resp: 232249
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

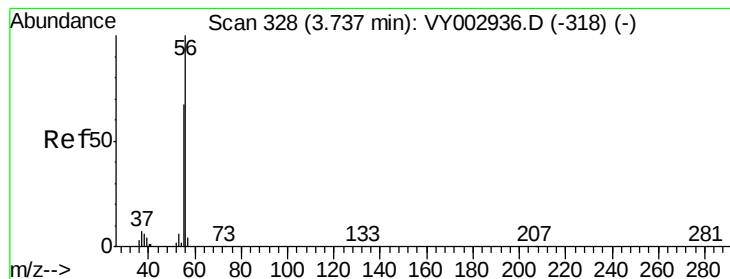


#12

1,1-Dichloroethene
 Concen: 145.916 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 96 Resp: 442747
 Ion Ratio Lower Upper
 96 100
 61 141.4 114.6 172.0
 98 64.1 51.4 77.0





#13

Acrolein

Concen: 816.833 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

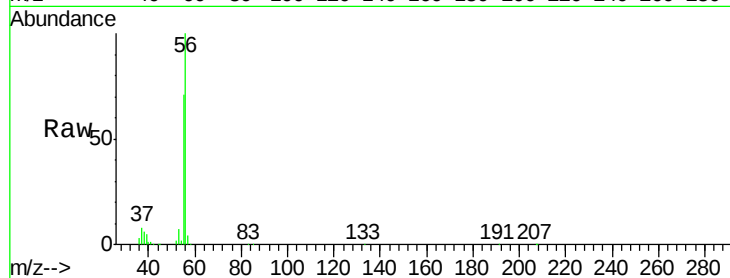
VSTDIC150

Tgt Ion: 56 Resp: 239125

Ion Ratio Lower Upper

56 100

55 70.0 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

100000

80000

60000

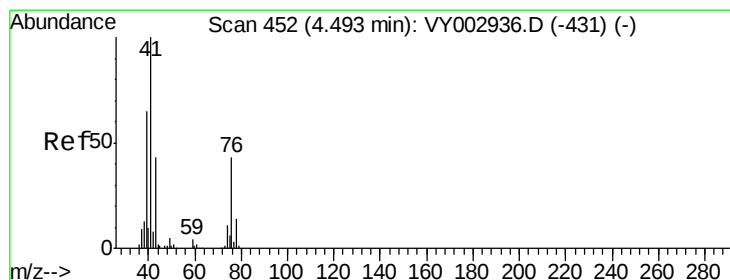
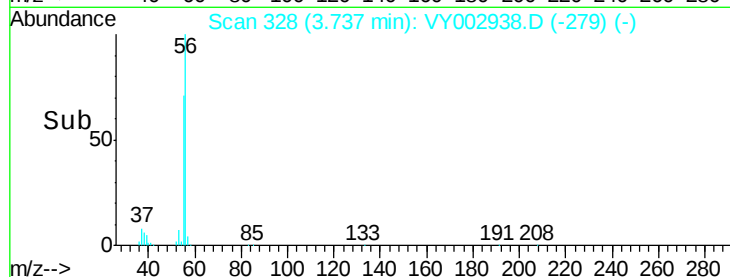
40000

20000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 147.012 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

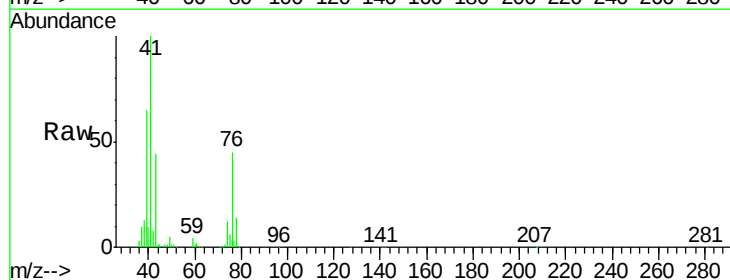
Tgt Ion: 41 Resp: 642283

Ion Ratio Lower Upper

41 100

39 62.2 50.0 75.0

76 41.2 33.3 49.9



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

600000

500000

400000

300000

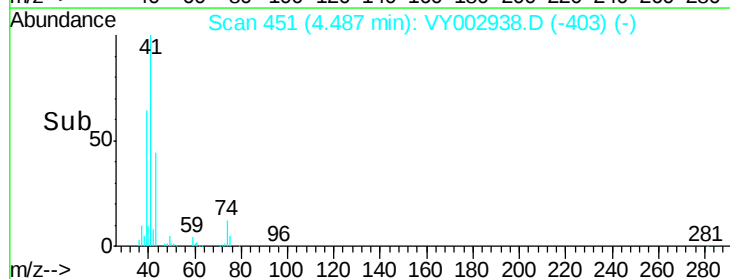
200000

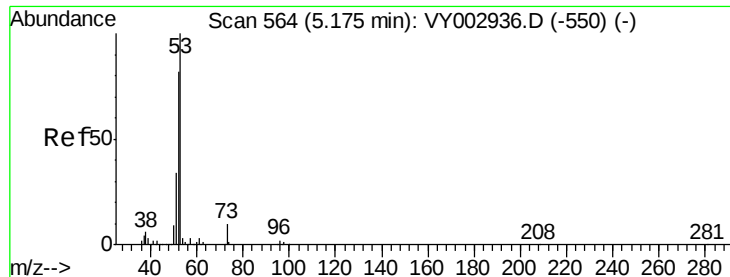
100000

0

Time-->

4.20 4.40 4.60





#15

Acrylonitrile

Concen: 728.908 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

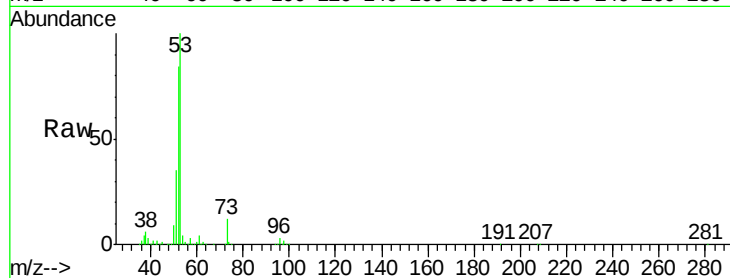
Tgt Ion: 53 Resp: 643470

Ion Ratio Lower Upper

53 100

52 81.9 65.7 98.5

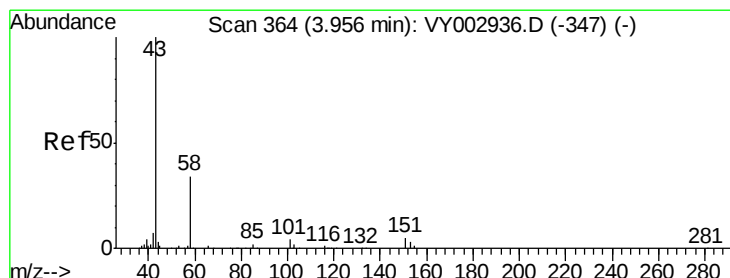
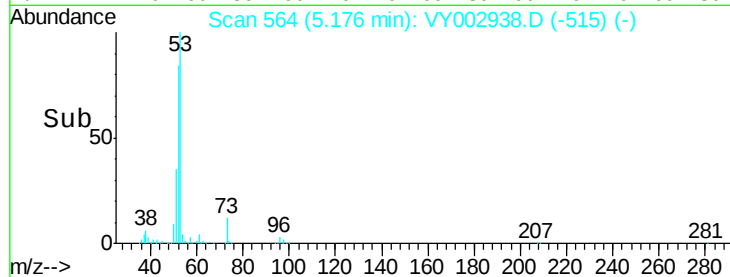
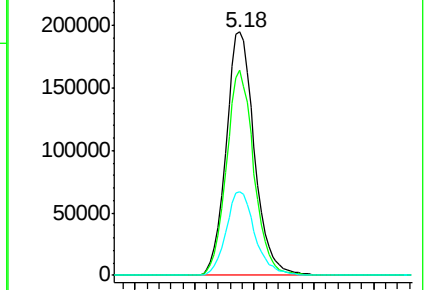
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VY002938.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002938.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002938.D (-515) (-)



#16

Acetone

Concen: 723.573 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002938.D

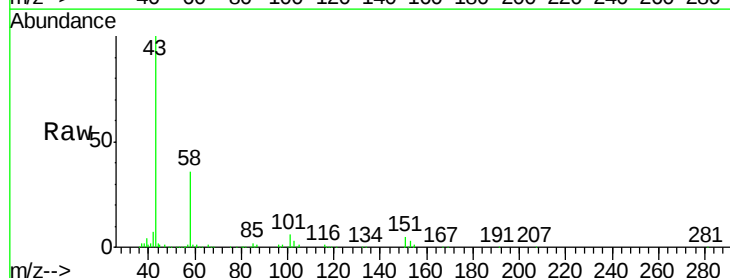
Acq: 19 Jun 2020 14:47

Tgt Ion: 43 Resp: 539640

Ion Ratio Lower Upper

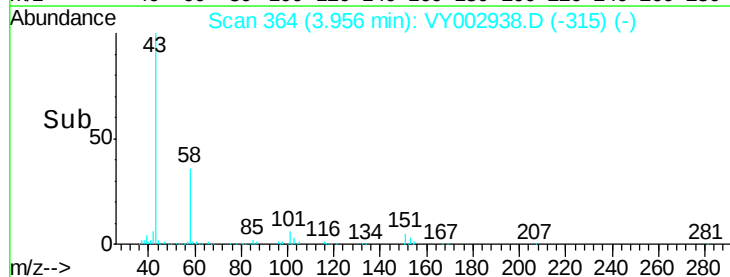
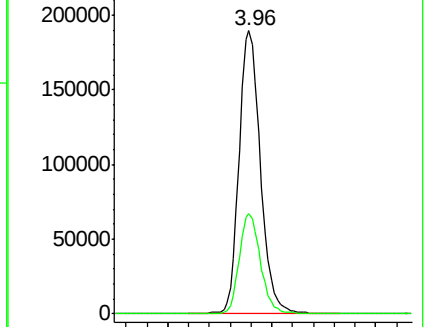
43 100

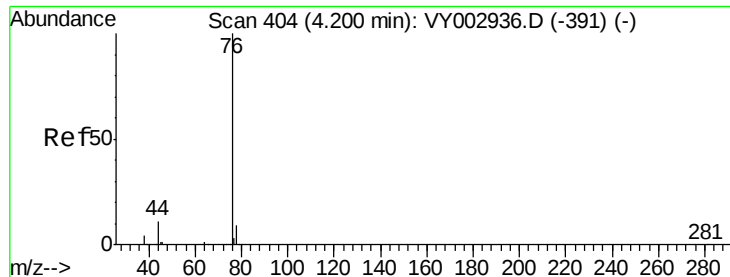
58 35.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY002938.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002938.D (-315) (-)





#17

Carbon Disulfide

Concen: 156.402 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

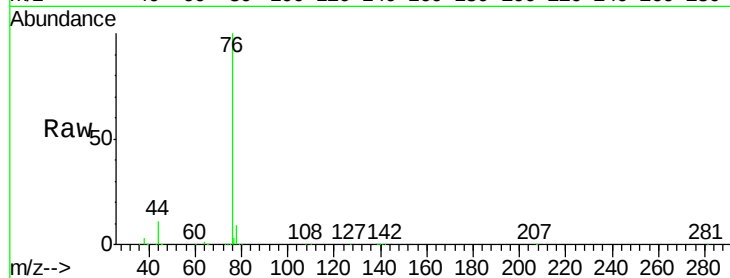
VSTDIC150

Tgt Ion: 76 Resp: 1365830

Ion Ratio Lower Upper

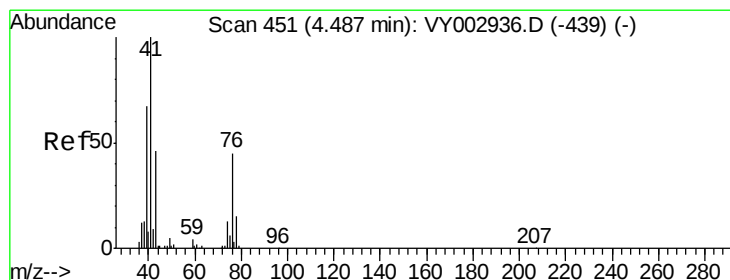
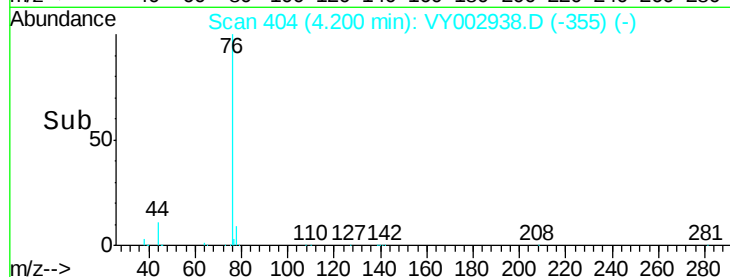
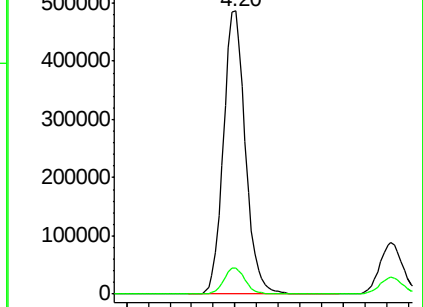
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 113.305 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002938.D

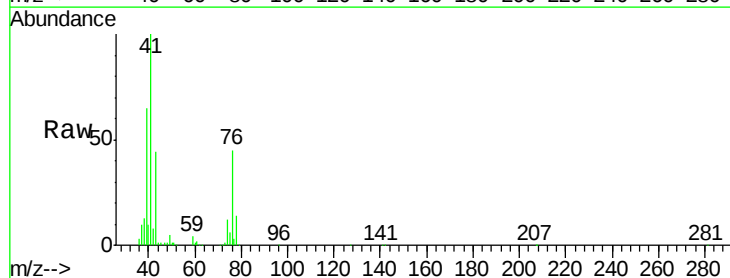
Acq: 19 Jun 2020 14:47

Tgt Ion: 43 Resp: 267980

Ion Ratio Lower Upper

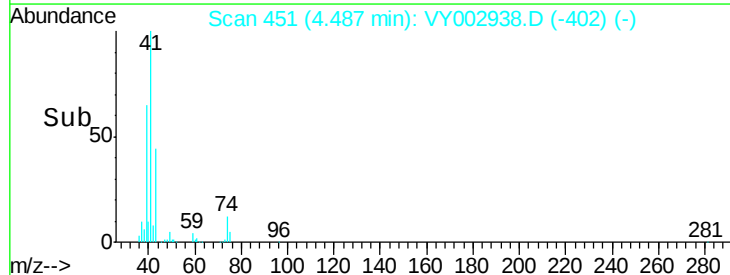
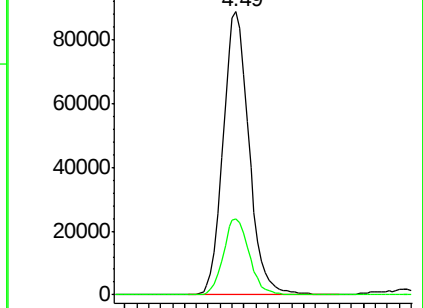
43 100

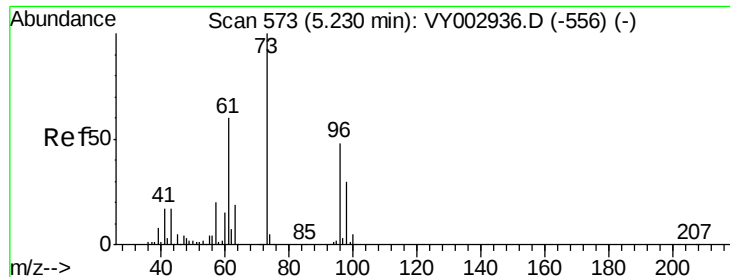
74 27.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

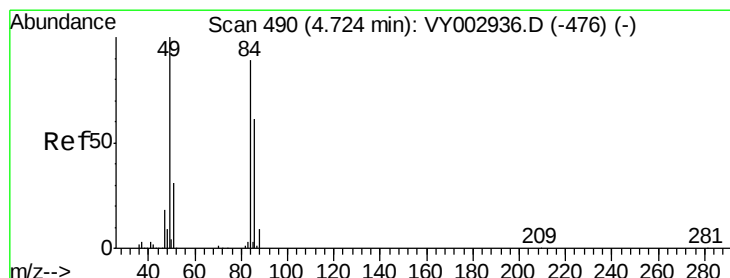
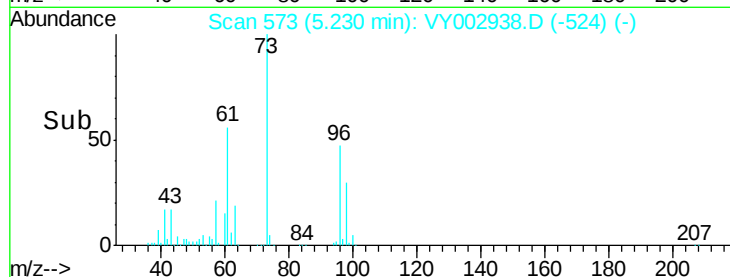
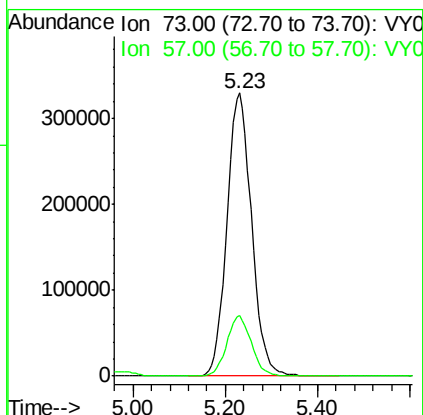
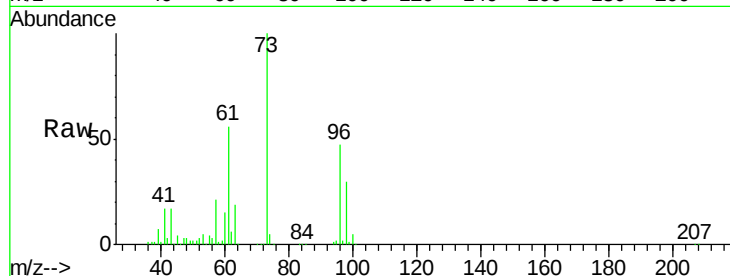




#19
Methyl tert-butyl Ether
Concen: 147.562 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

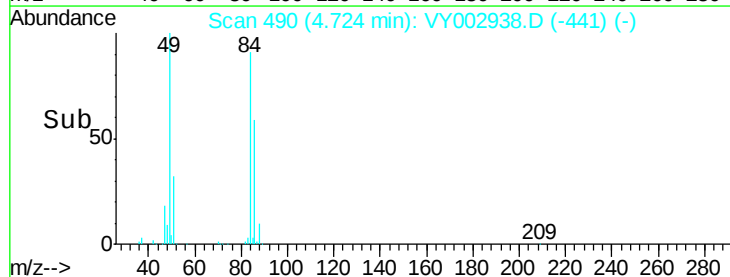
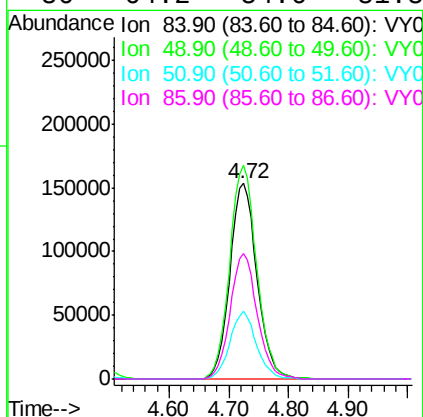
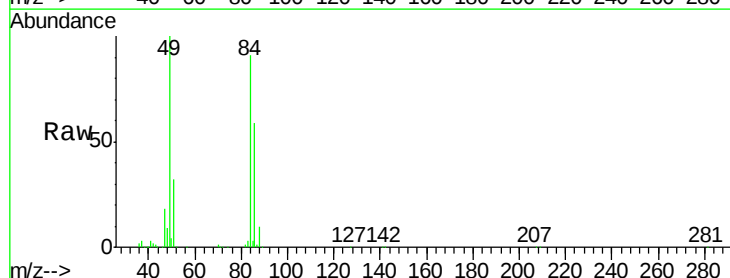
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

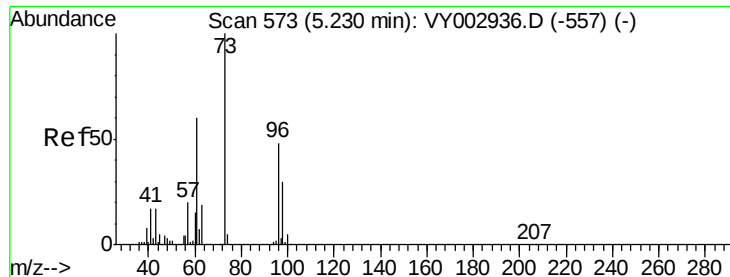
Tgt Ion: 73 Resp: 1218578
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 87.998 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 84 Resp: 486247
Ion Ratio Lower Upper
84 100
49 109.4 90.0 135.0
51 34.5 27.9 41.9
86 64.2 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 144.650 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

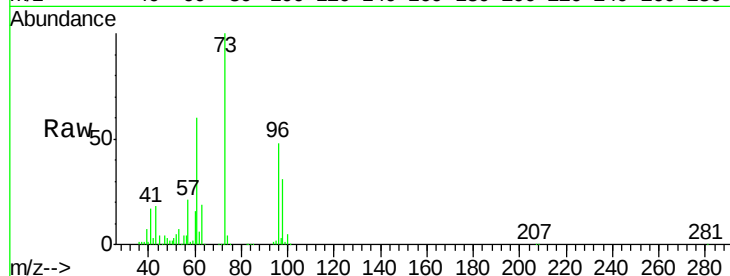
Tgt Ion: 96 Resp: 487581

Ion Ratio Lower Upper

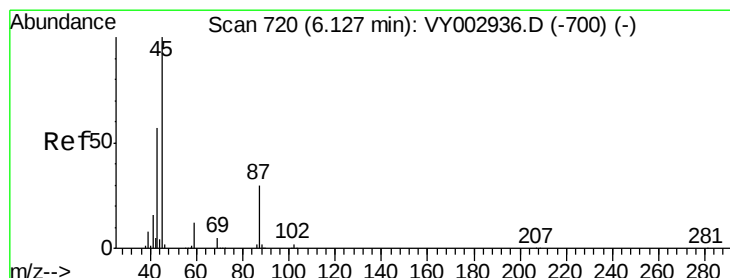
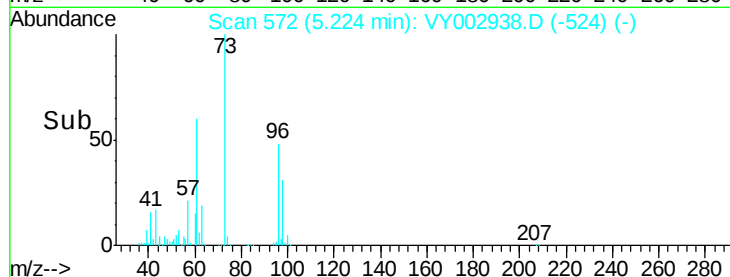
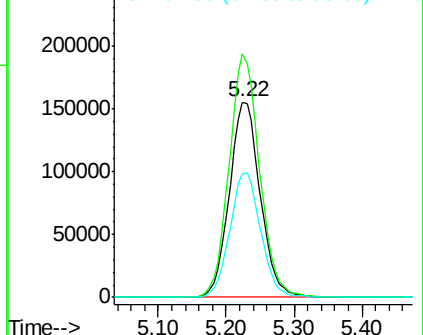
96 100

61 124.6 100.6 150.8

98 63.3 49.8 74.8



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: 141.328 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion: 45 Resp: 1277657

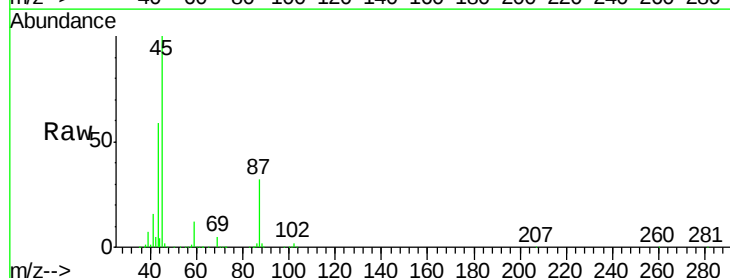
Ion Ratio Lower Upper

45 100

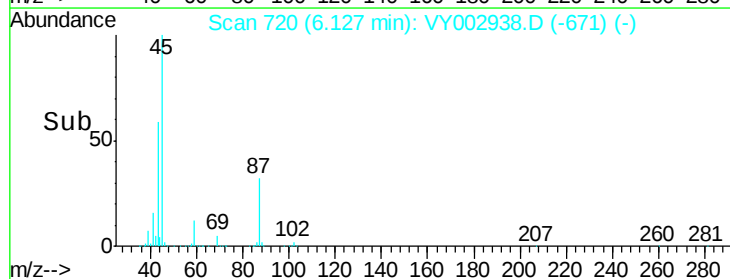
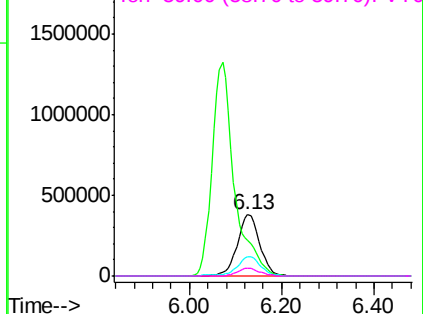
43 58.5 46.2 69.2

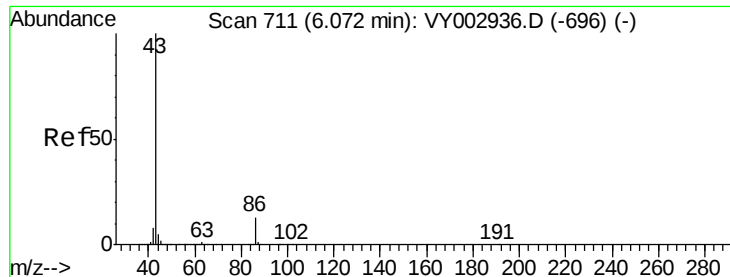
87 31.7 24.9 37.3

59 12.2 9.9 14.9



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: 779.421 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

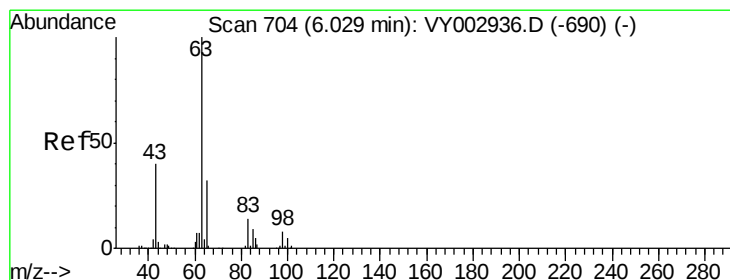
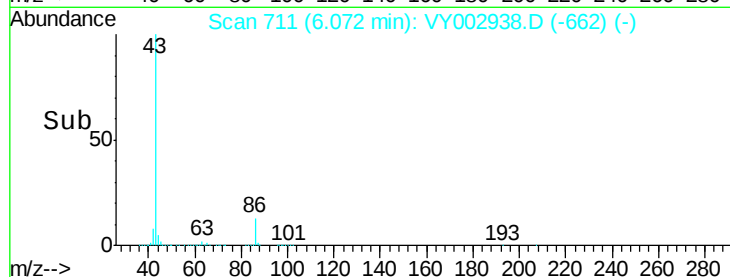
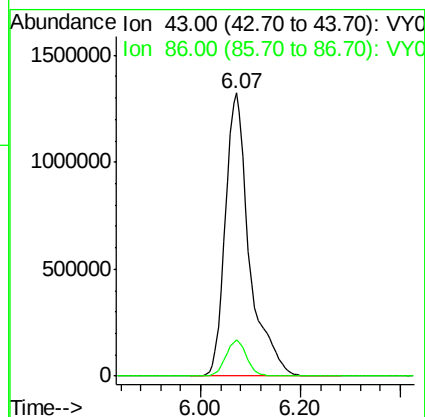
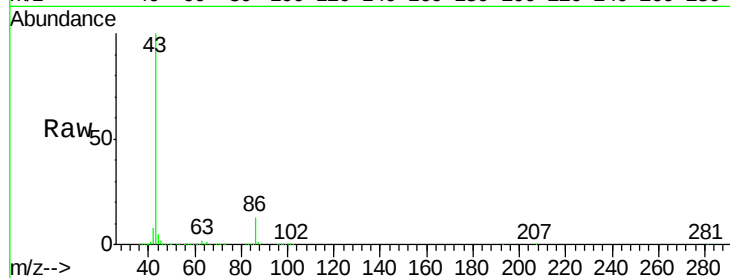
VSTDIC150

Tgt Ion: 43 Resp: 4418858

Ion Ratio Lower Upper

43 100

86 13.0 10.6 15.8



#24

1,1-Dichloroethane

Concen: 142.827 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

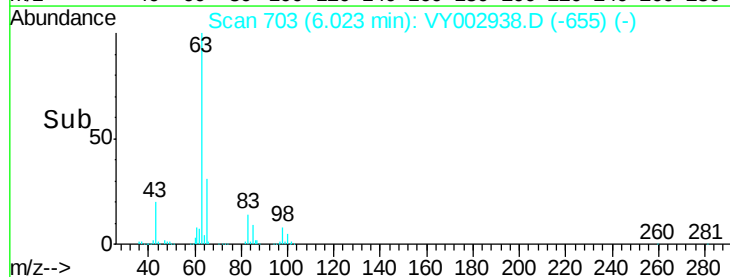
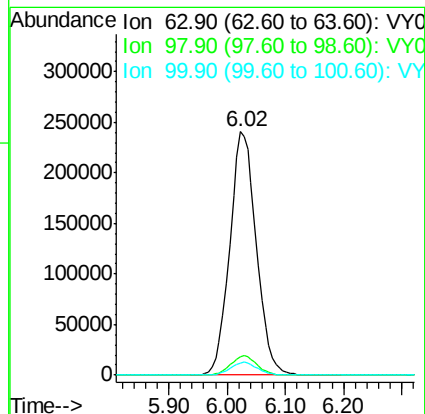
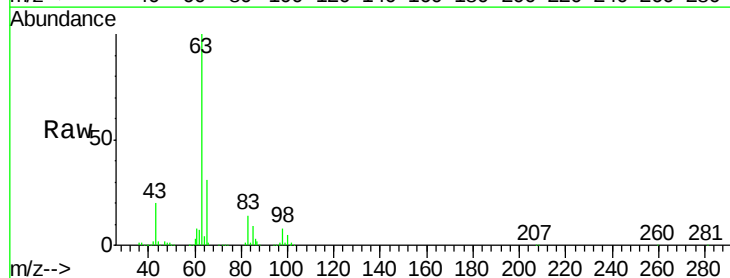
Tgt Ion: 63 Resp: 760442

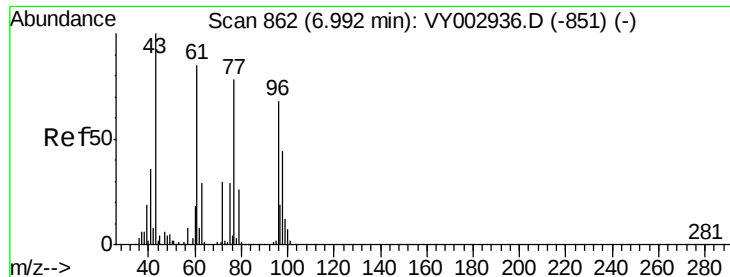
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

100 5.1 2.5 7.6

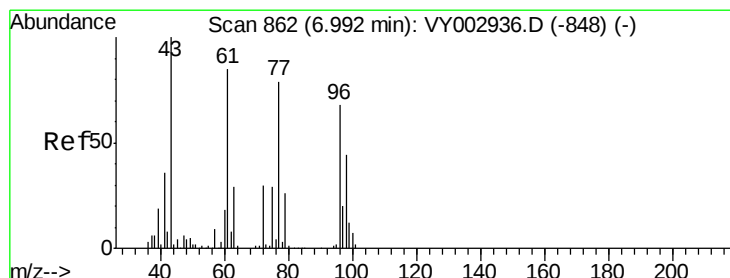
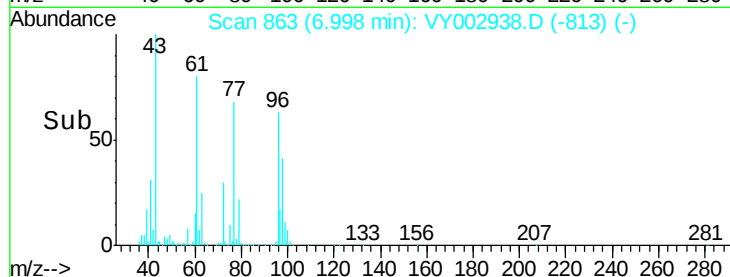
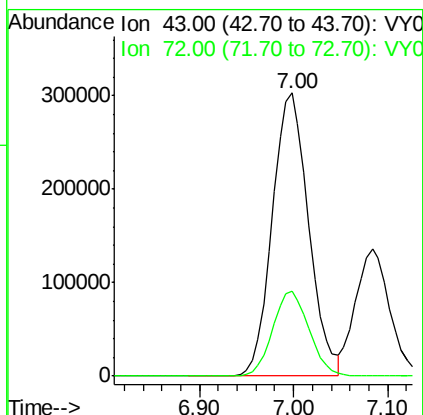
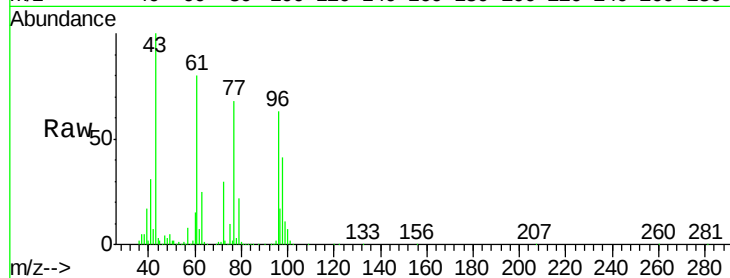




#25
2-Butanone
Concen: 727.096 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

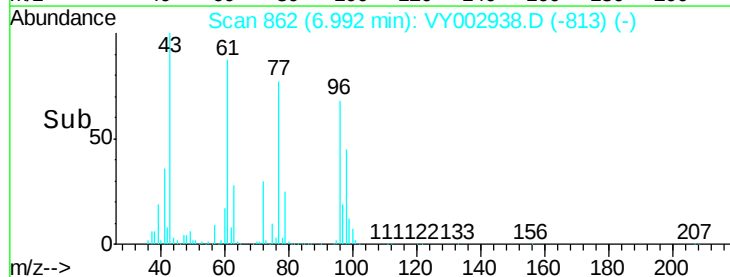
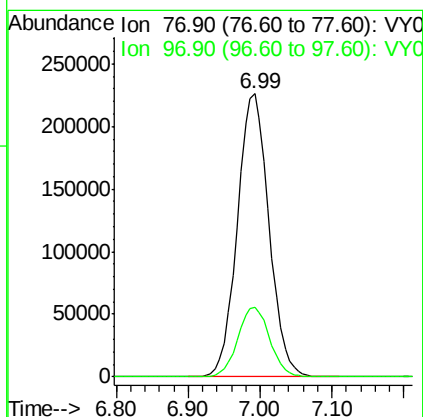
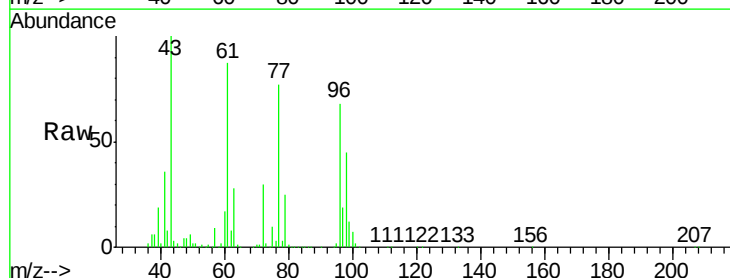
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

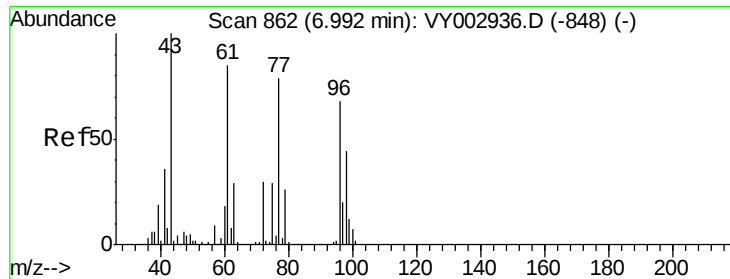
Tgt Ion: 43 Resp: 814699
Ion Ratio Lower Upper
43 100
72 30.0 24.2 36.4



#26
2,2-Dichloropropane
Concen: 136.229 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 77 Resp: 688858
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9



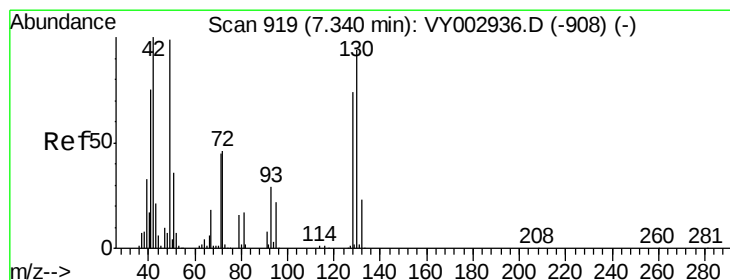
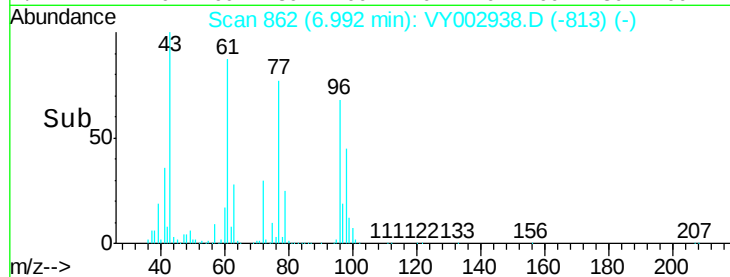
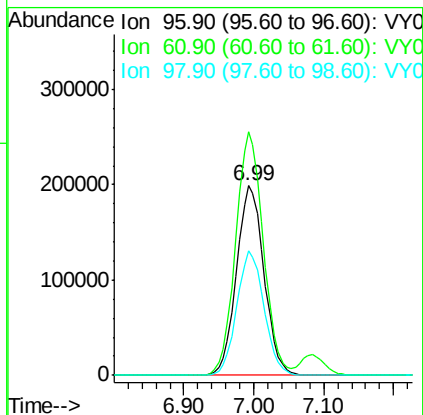
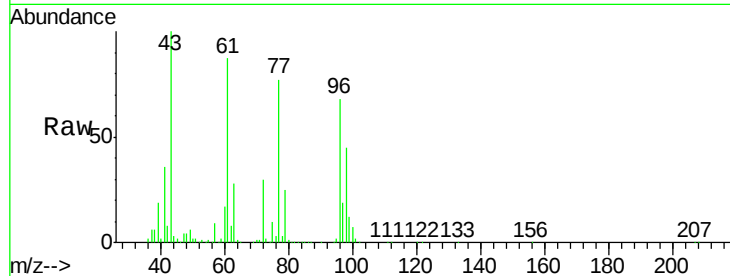


#27

cis-1,2-Dichloroethene
Concen: 143.843 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

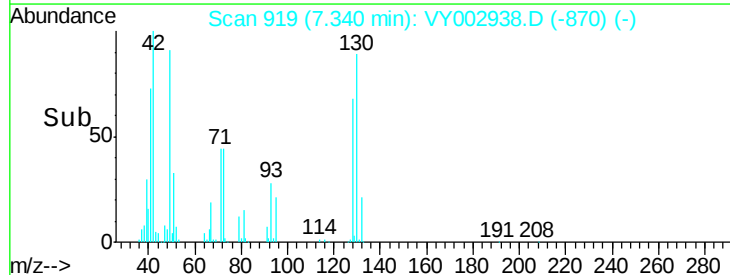
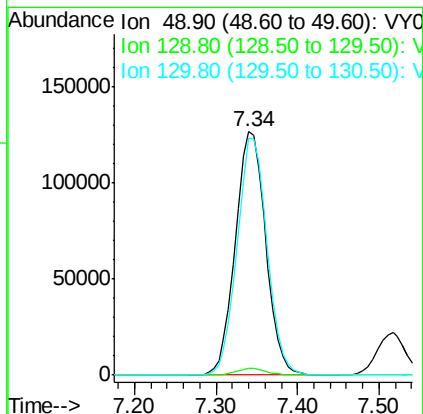
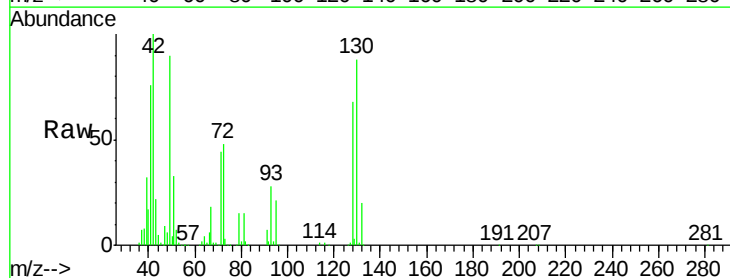
Tgt Ion: 96 Resp: 543889
Ion Ratio Lower Upper
96 100
61 128.7 0.0 257.0
98 64.8 0.0 129.8

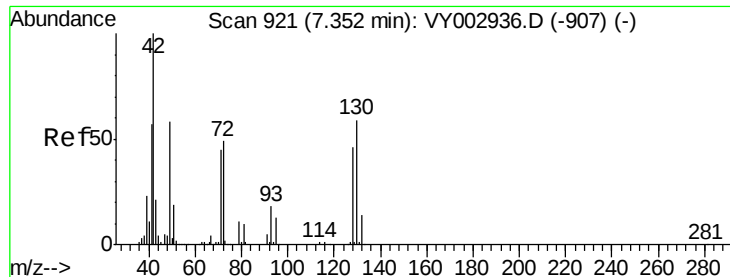


#28

Bromochloromethane
Concen: 147.379 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 49 Resp: 326271
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 96.4 78.4 117.6





#29

Tetrahydrofuran

Concen: 731.989 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

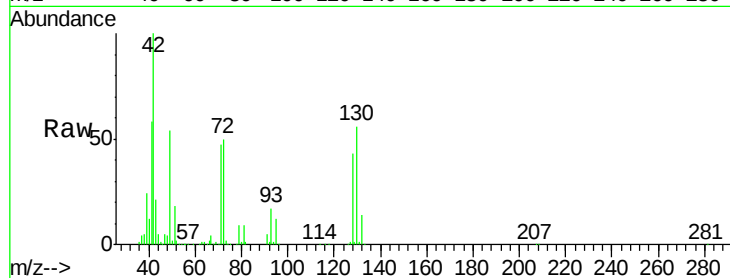
Tgt Ion: 42 Resp: 528903

Ion Ratio Lower Upper

42 100

72 48.8 39.1 58.7

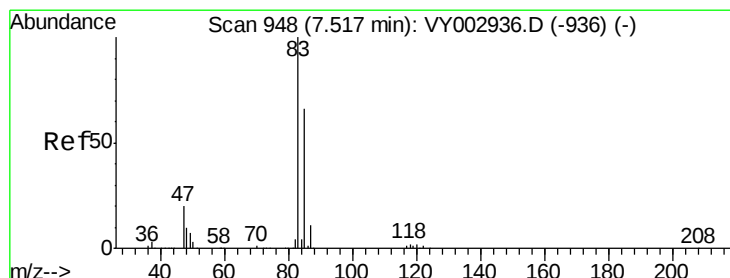
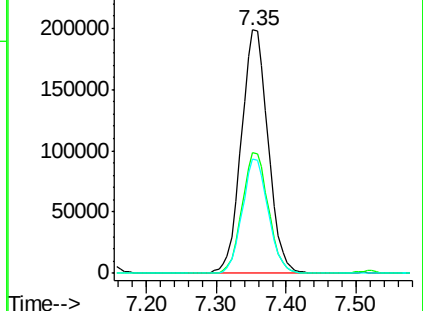
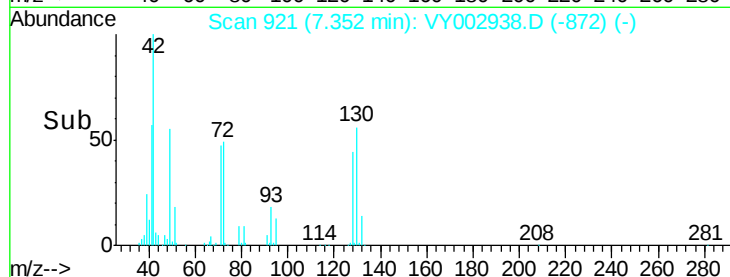
71 45.6 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VY002938.D (-872) (-)

Ion 72.00 (71.70 to 72.70): VY002938.D (-872) (-)

Ion 71.00 (70.70 to 71.70): VY002938.D (-872) (-)



#30

Chloroform

Concen: 143.074 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002938.D

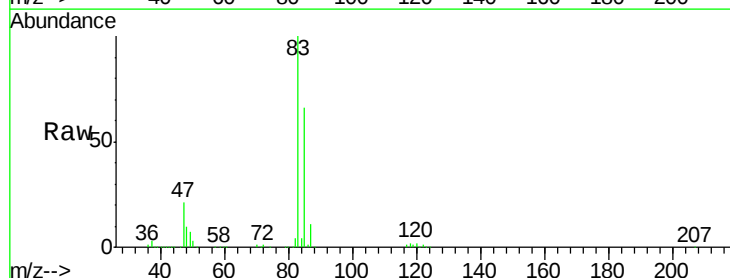
Acq: 19 Jun 2020 14:47

Tgt Ion: 83 Resp: 798375

Ion Ratio Lower Upper

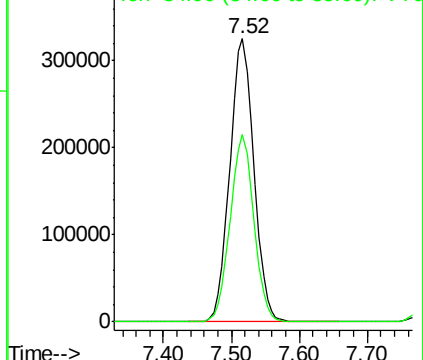
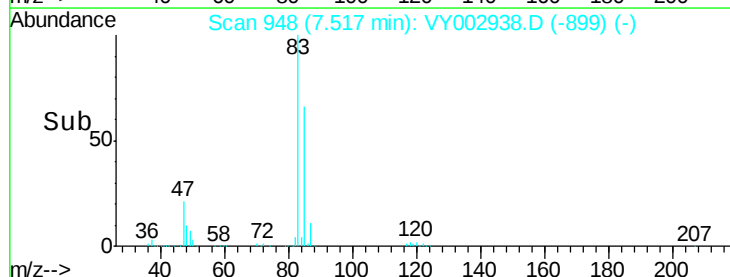
83 100

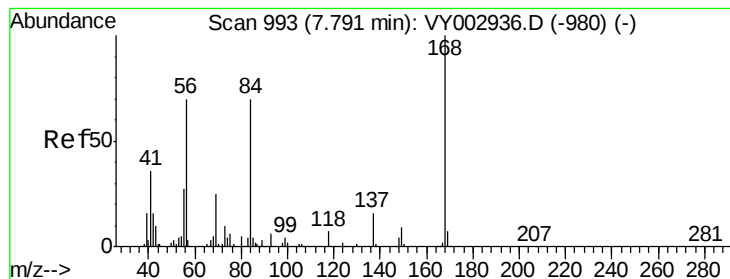
85 66.0 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY002938.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY002938.D (-899) (-)





#31

Cyclohexane

Concen: 137.586 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

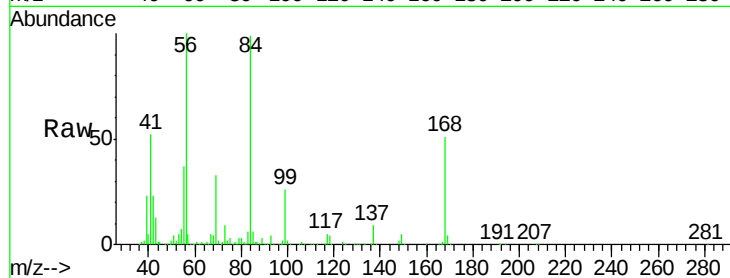
Tgt Ion: 56 Resp: 723462

Ion Ratio Lower Upper

56 100

69 33.2 28.9 43.3

84 97.1 80.1 120.1

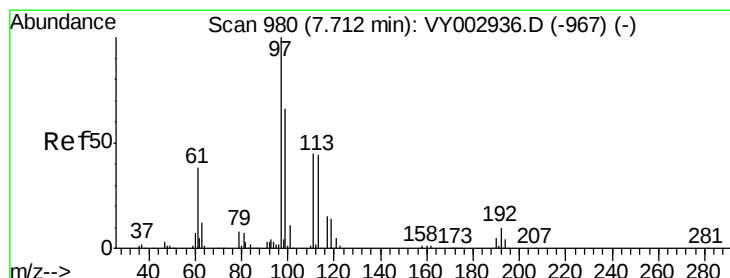
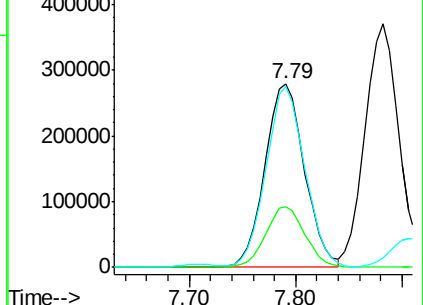
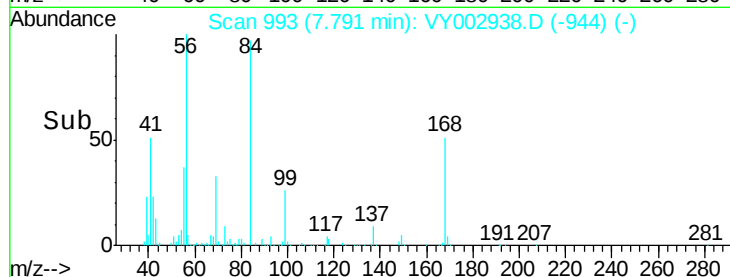


Abundance Ion 56.00 (55.70 to 56.70): VY002938.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY002938.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY002938.D (-944) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 144.498 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

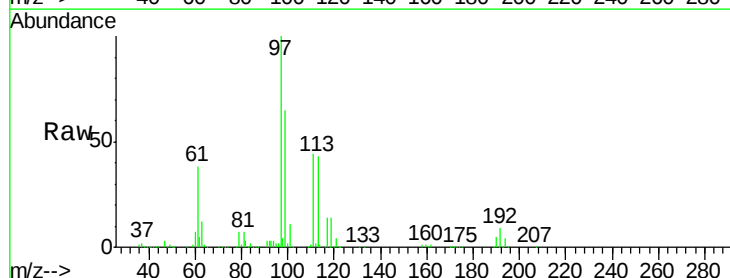
Tgt Ion: 97 Resp: 739550

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 37.9 30.3 45.5

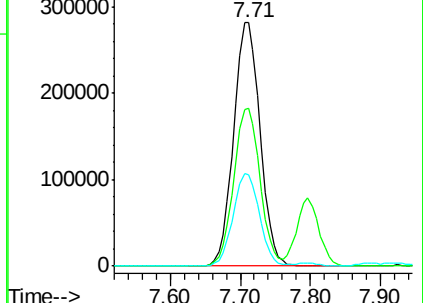
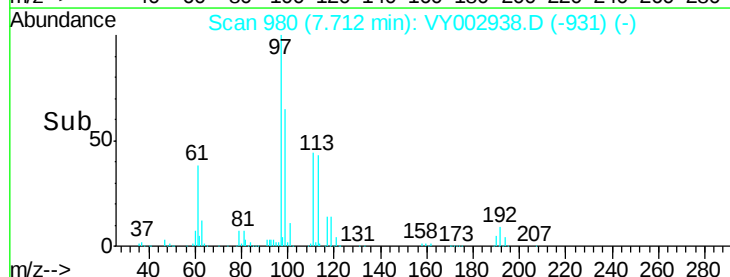


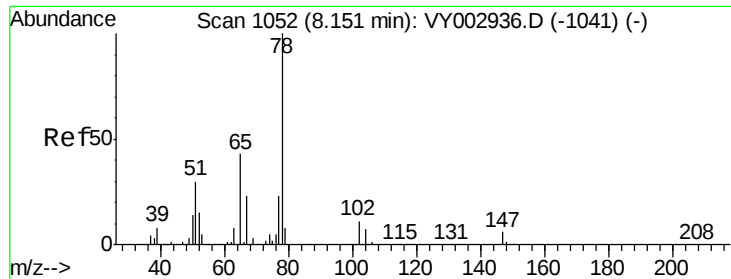
Abundance Ion 96.90 (96.60 to 97.60): VY002938.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY002938.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY002938.D (-931) (-)

Time-->

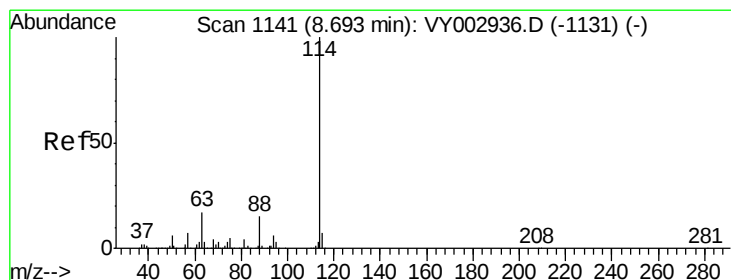
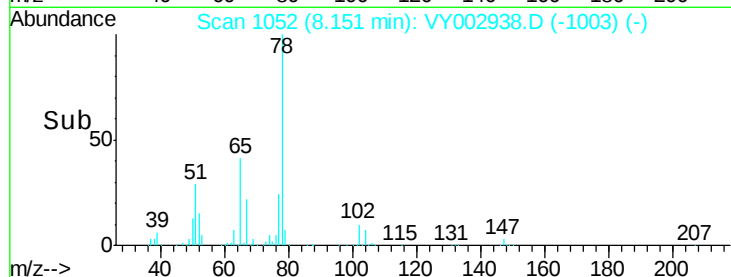
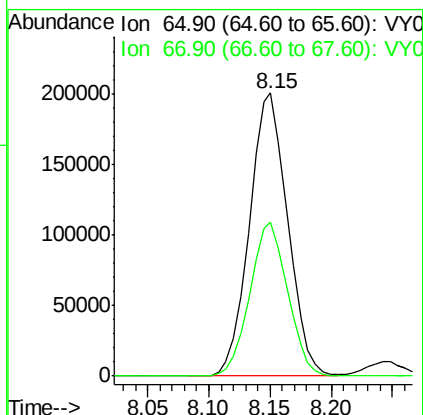
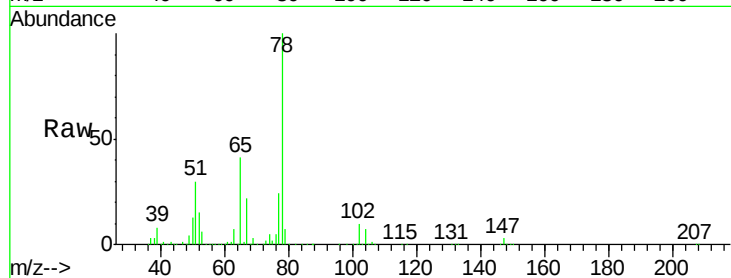




#33
 1,2-Dichloroethane-d4
 Concen: 143.223 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

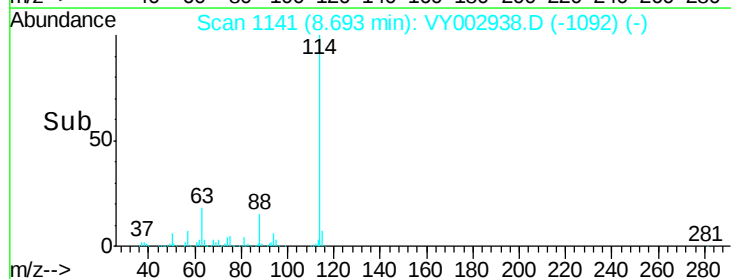
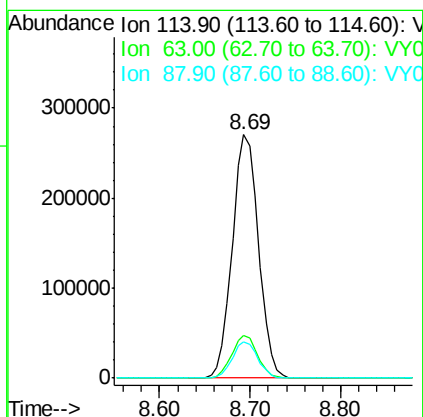
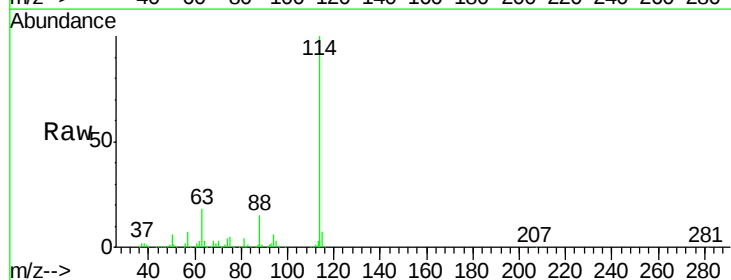
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

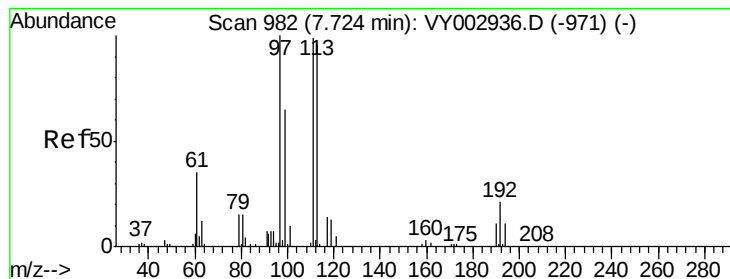
Tgt Ion: 65 Resp: 436013
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 114 Resp: 542730
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.6
 88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 142.360 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

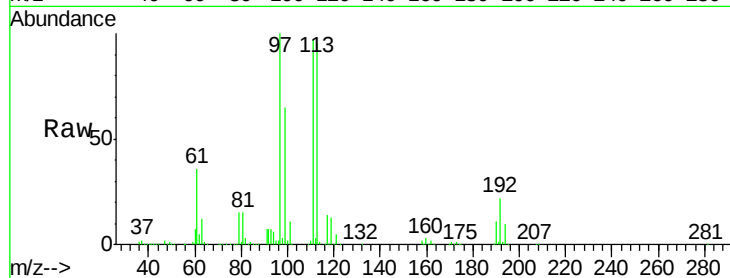
Tgt Ion:113 Resp: 442216

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

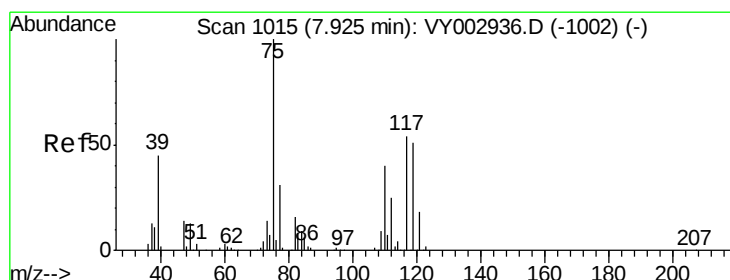
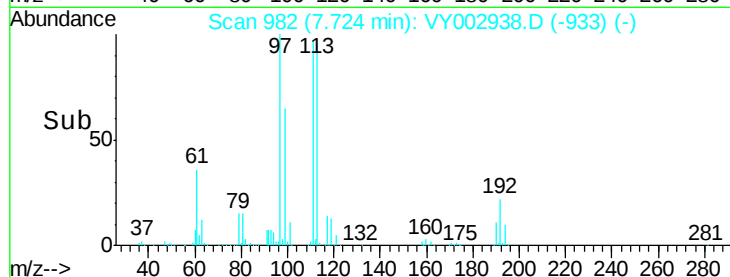
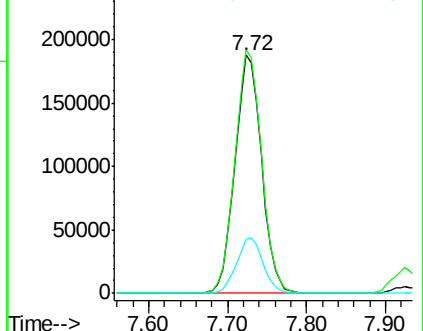
192 23.2 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 144.428 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

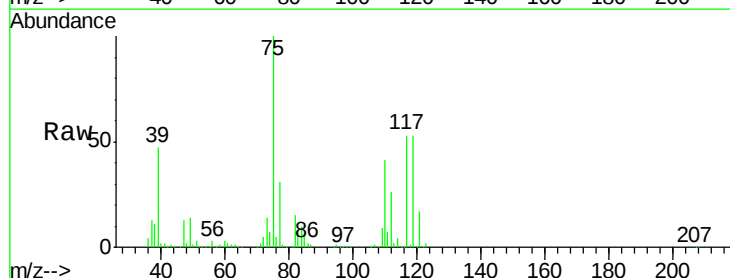
Tgt Ion: 75 Resp: 635178

Ion Ratio Lower Upper

75 100

110 39.4 19.7 59.0

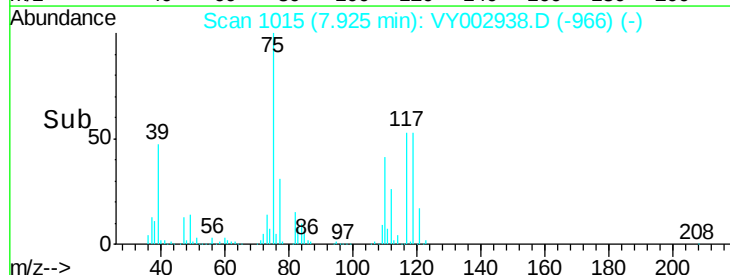
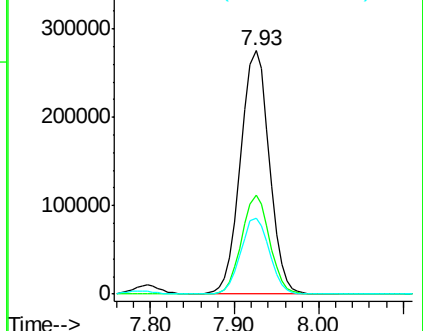
77 31.2 25.0 37.4

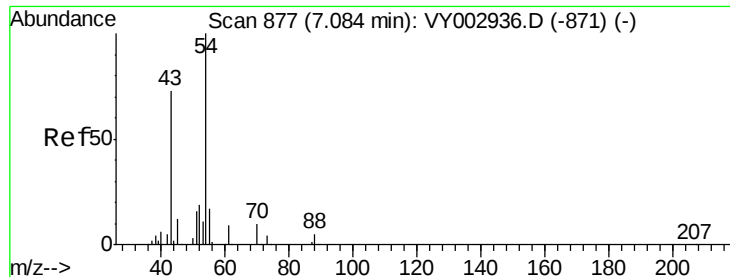


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

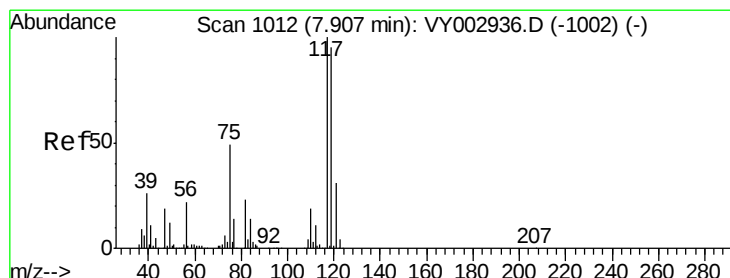
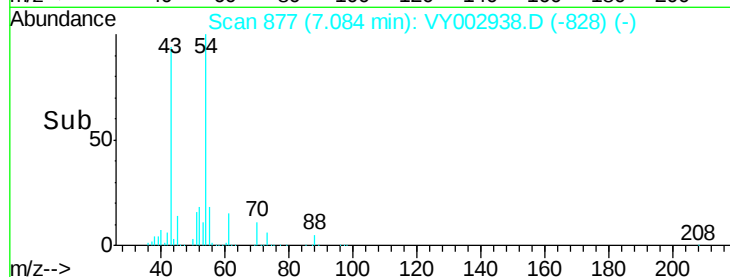
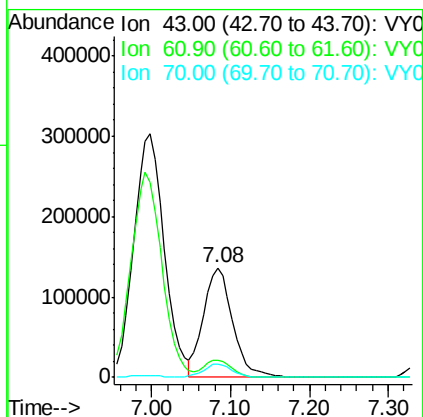
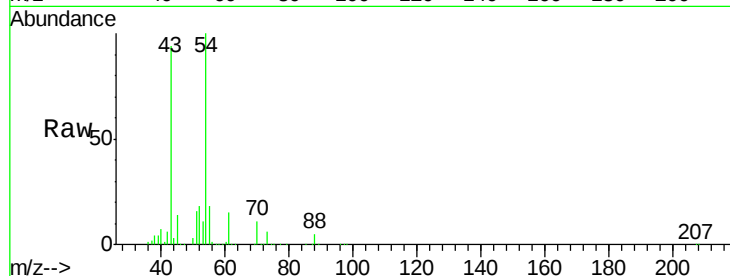




#37
 Ethyl Acetate
 Concen: 141.784 ug/l
 RT: 7.08 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

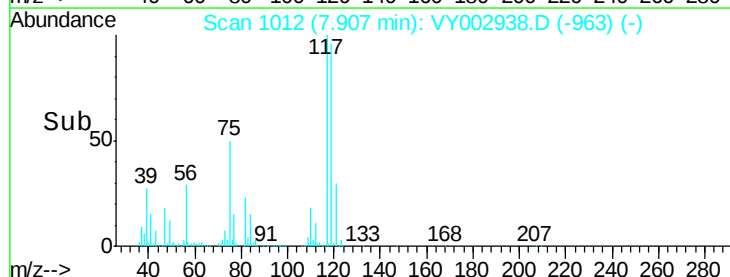
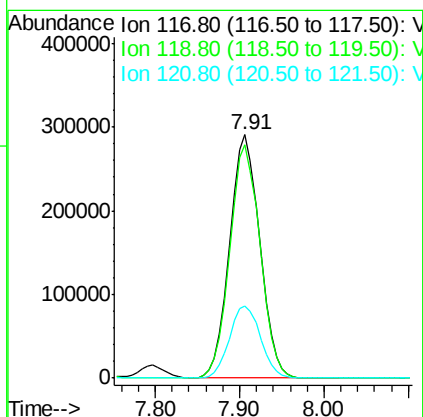
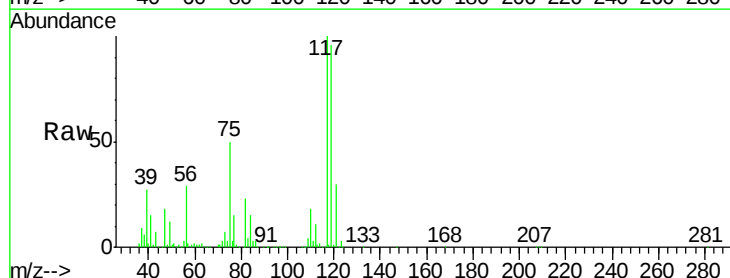
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

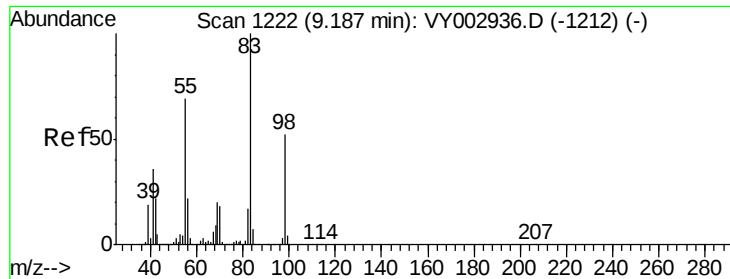
Tgt Ion: 43 Resp: 350561
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.3 18.5
 70 11.9 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 145.960 ug/l
 RT: 7.91 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 117 Resp: 705405
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.1 114.1
 121 29.7 24.8 37.2

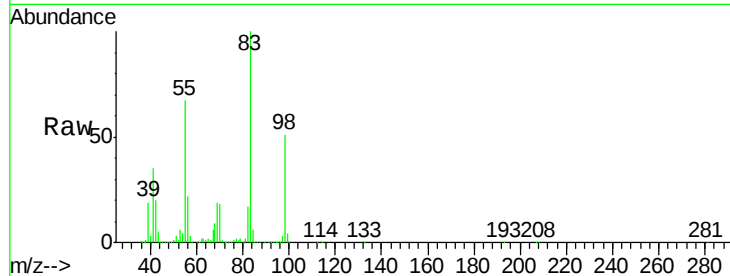




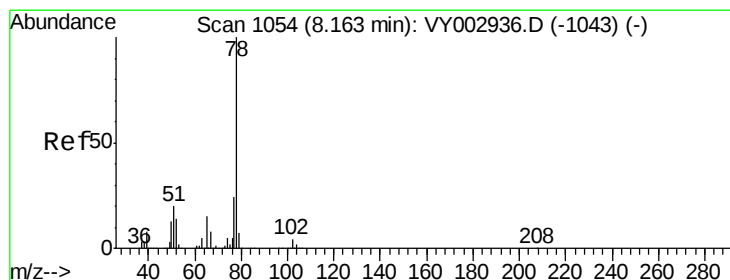
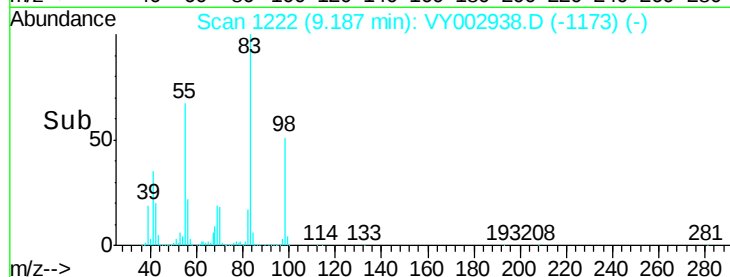
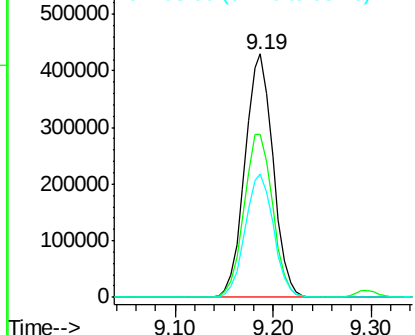
#39
Methylcyclohexane
Concen: 149.201 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 855437
Ion Ratio Lower Upper
83 100
55 66.9 55.0 82.4
98 50.5 41.4 62.2

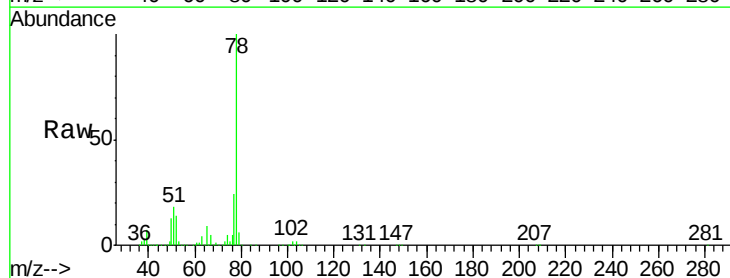


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

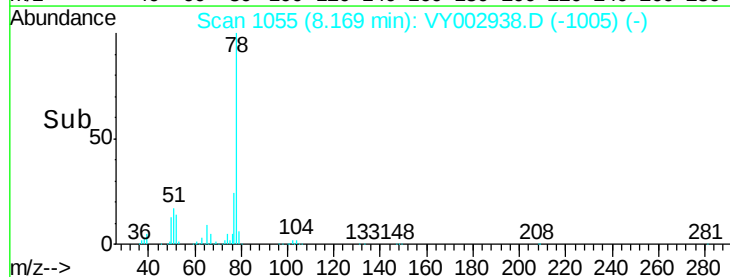
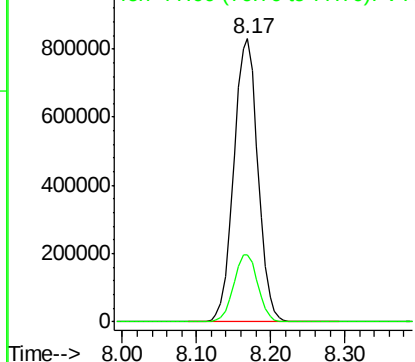


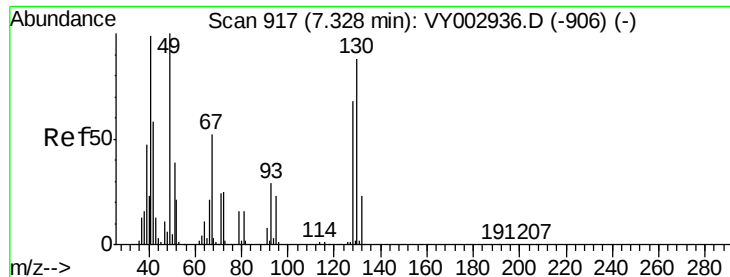
#40
Benzene
Concen: 143.144 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 78 Resp: 1881709
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 215.242 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 481275

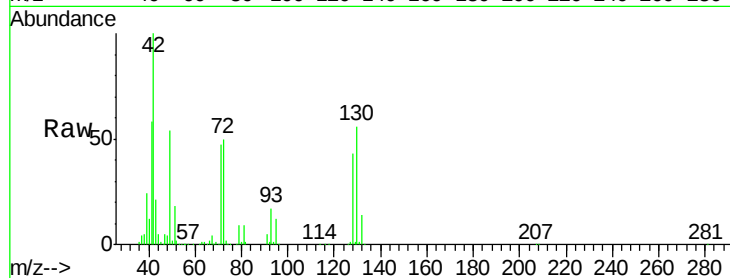
Ion Ratio Lower Upper

41 100

39 0.0 96.6 144.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

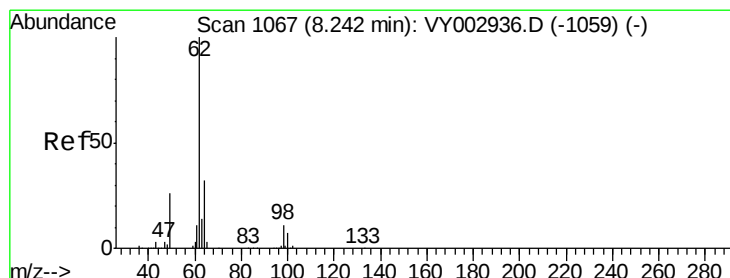
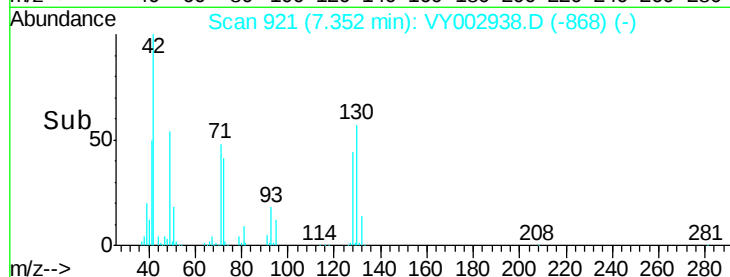
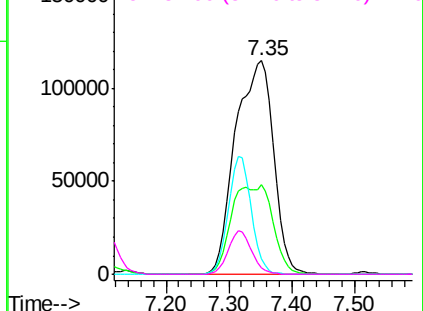


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 143.185 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002938.D

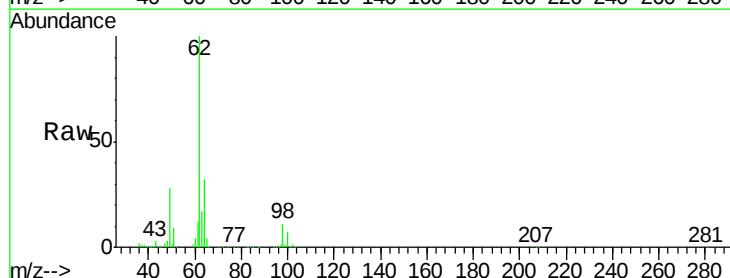
Acq: 19 Jun 2020 14:47

Tgt Ion: 62 Resp: 523447

Ion Ratio Lower Upper

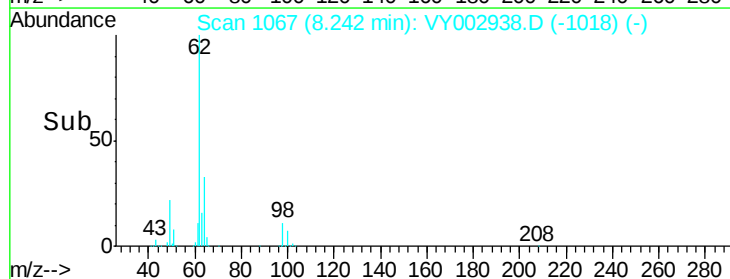
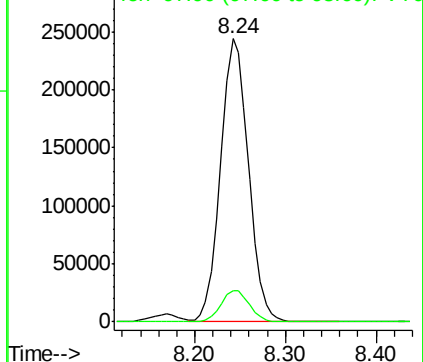
62 100

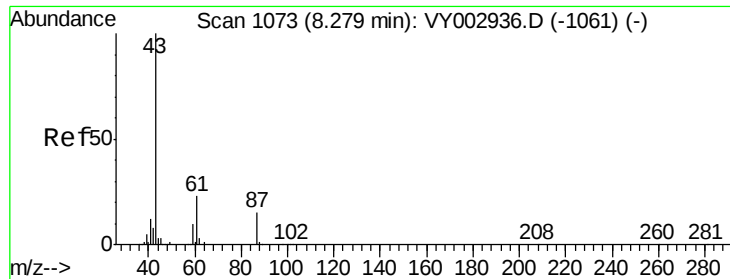
98 11.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 148.823 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

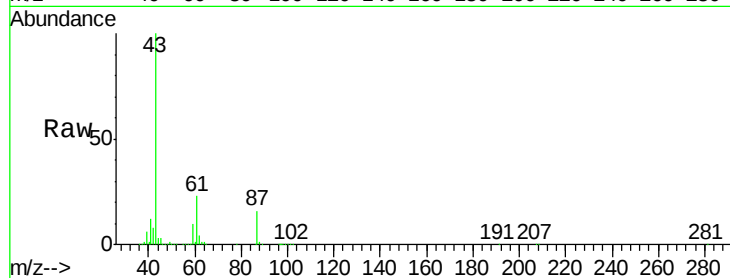
Tgt Ion: 43 Resp: 674084

Ion Ratio Lower Upper

43 100

61 30.9 25.0 37.4

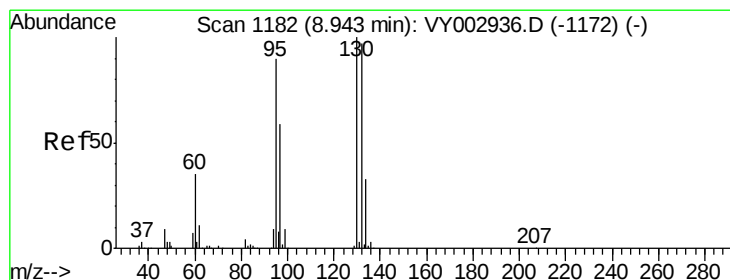
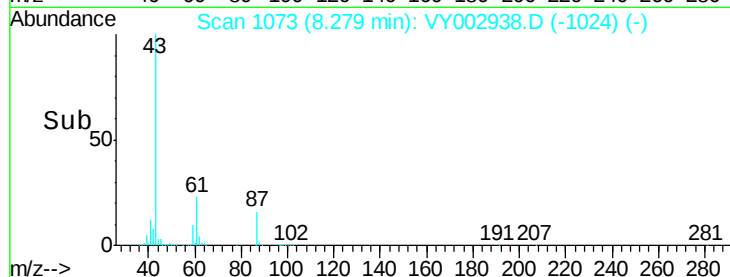
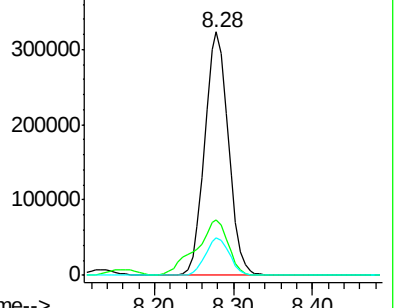
87 15.8 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002938.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002938.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002938.D (-1061) (-)



#44

Trichloroethene

Concen: 141.938 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002938.D

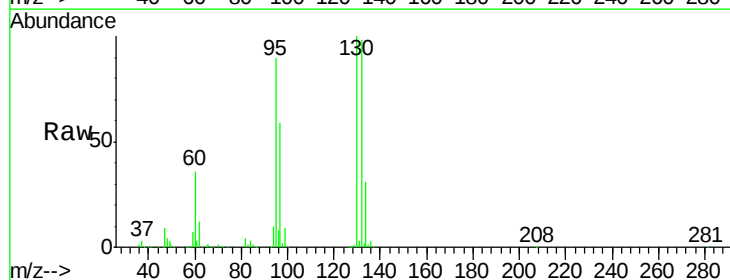
Acq: 19 Jun 2020 14:47

Tgt Ion: 130 Resp: 579790

Ion Ratio Lower Upper

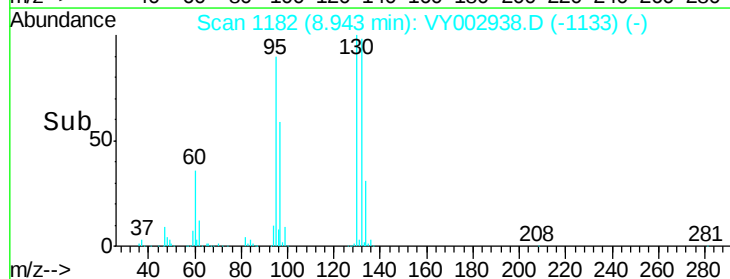
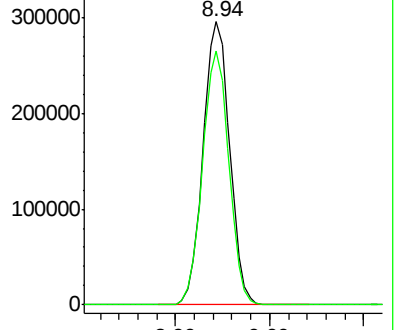
130 100

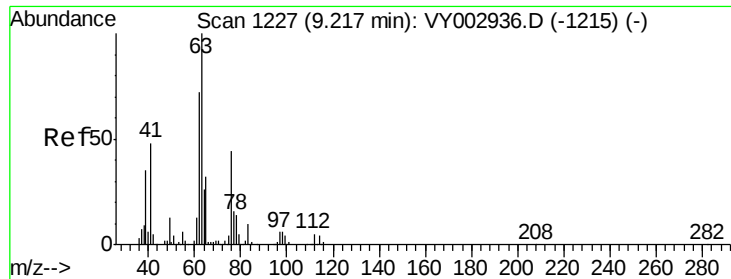
95 89.7 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002938.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002938.D (-1172) (-)

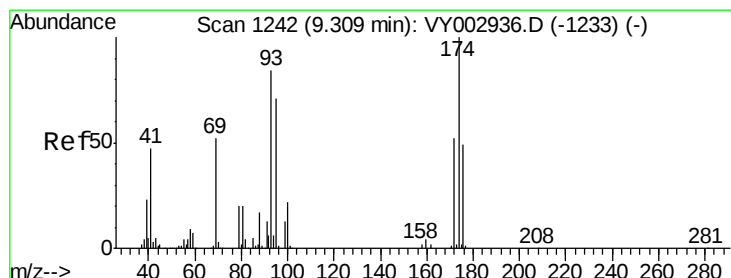
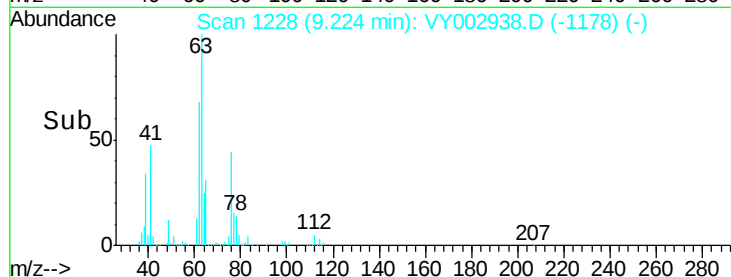
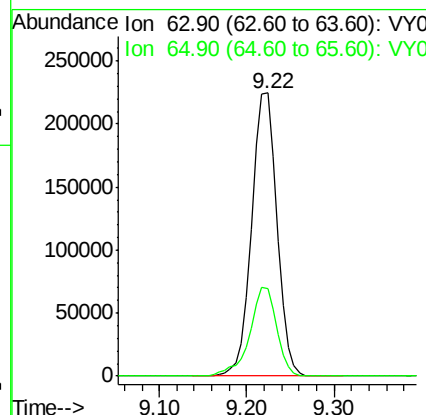
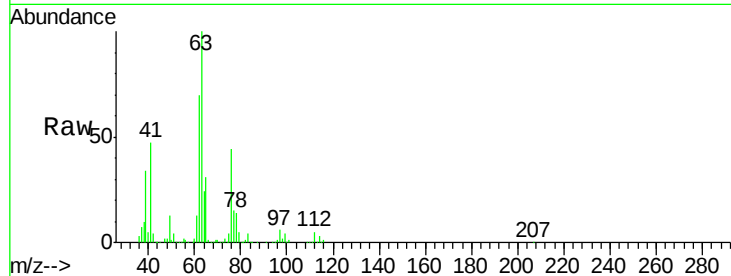




#45
 1,2-Dichloropropane
 Concen: 141.995 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

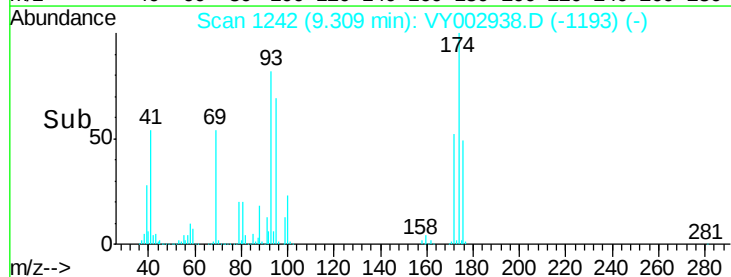
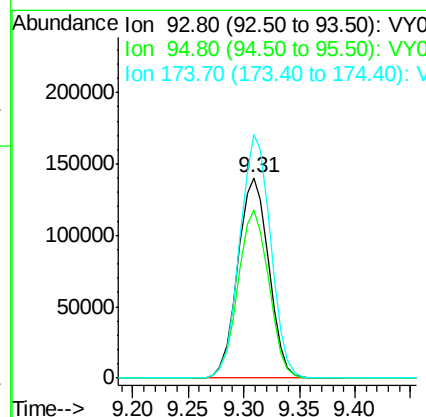
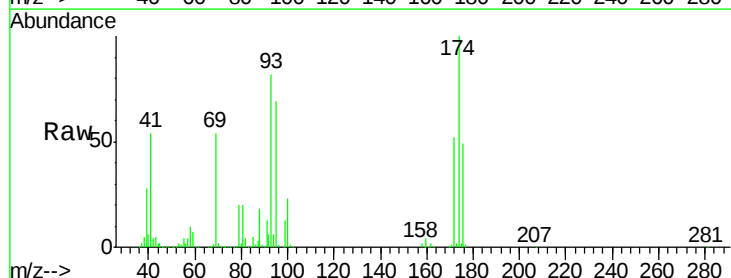
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

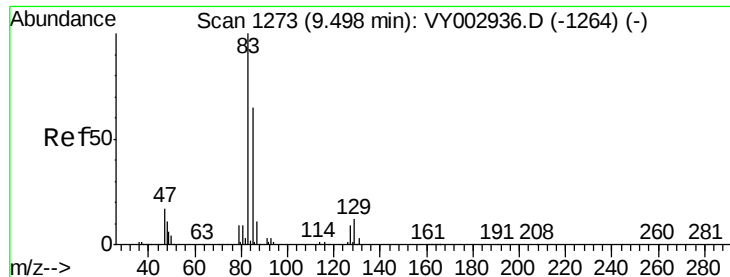
Tgt Ion: 63 Resp: 450122
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.5 38.3



#46
 Dibromomethane
 Concen: 142.811 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 93 Resp: 270235
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 120.8 95.1 142.7





#47

Bromodichloromethane

Concen: 147.175 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

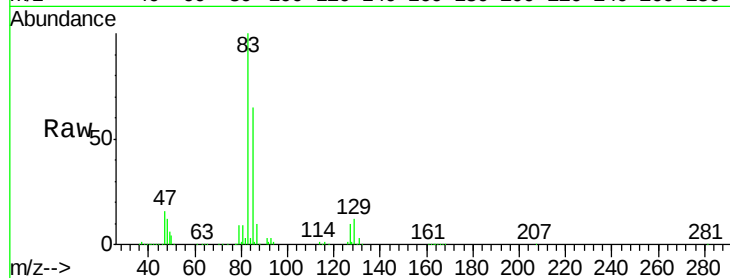
Tgt Ion: 83 Resp: 644134

Ion Ratio Lower Upper

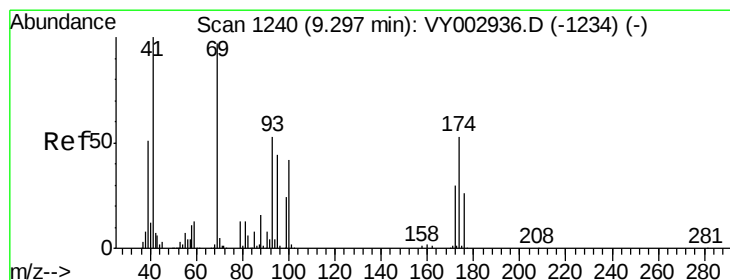
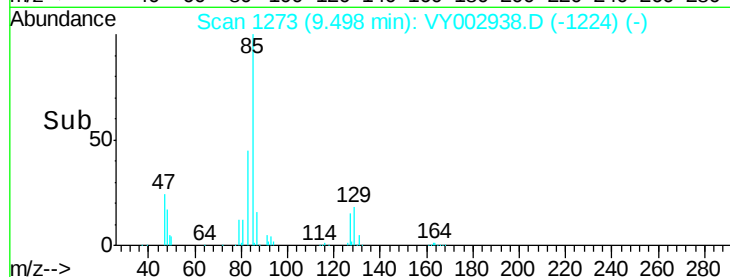
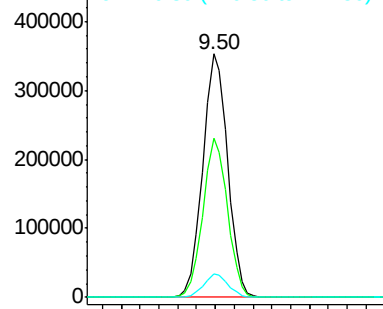
83 100

85 65.1 51.9 77.9

127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 152.708 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

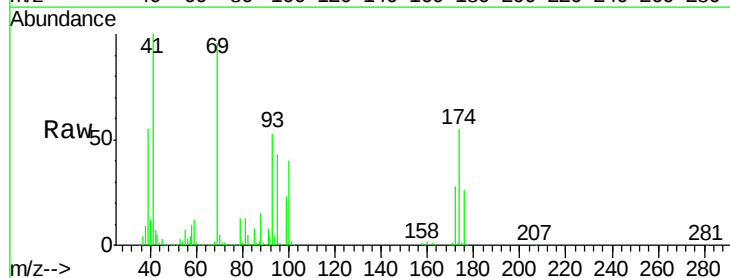
Tgt Ion: 41 Resp: 307642

Ion Ratio Lower Upper

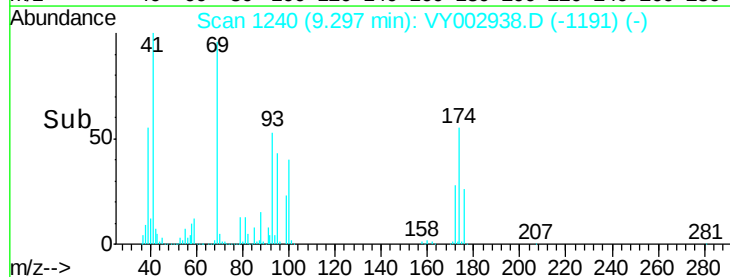
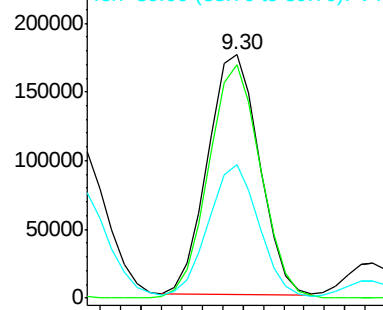
41 100

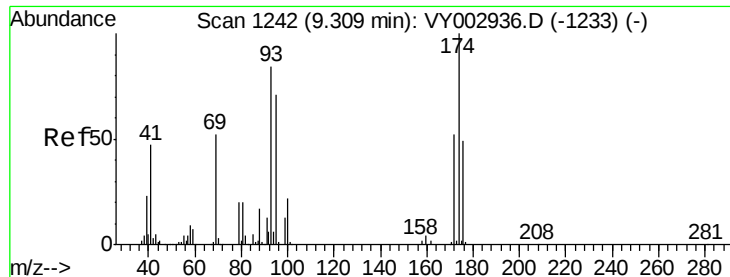
69 97.7 79.4 119.0

39 54.8 41.1 61.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 2963.955 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

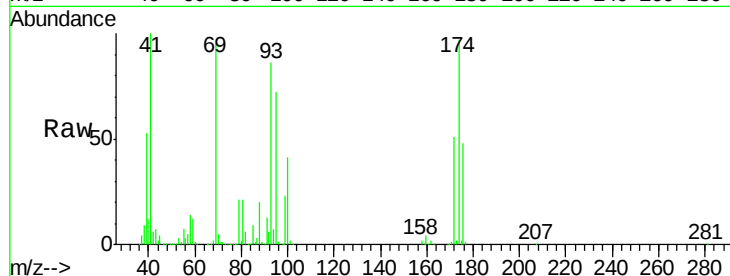
Tgt Ion: 88 Resp: 81026

Ion Ratio Lower Upper

88 100

43 24.9 21.0 31.6

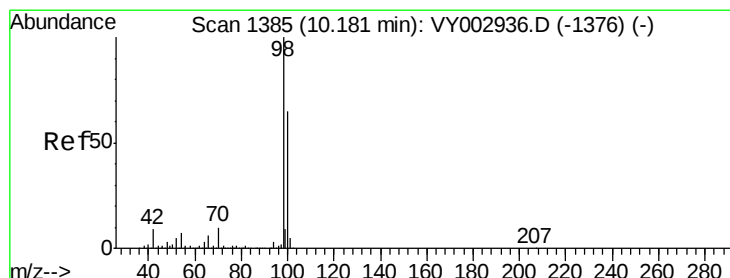
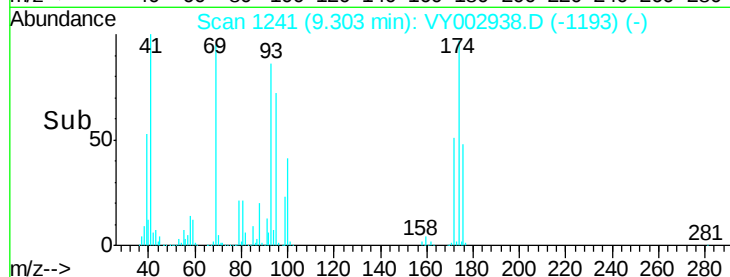
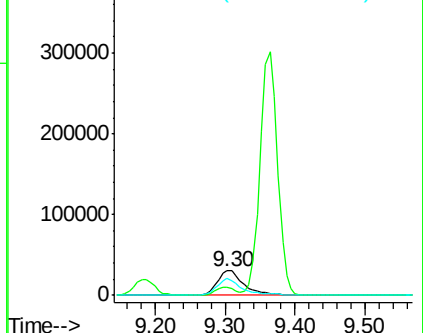
58 64.9 51.5 77.3



Abundance Ion 88.00 (87.70 to 88.70): VY002938.D (-1233) (-)

Ion 43.00 (42.70 to 43.70): VY002938.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY002938.D (-1233) (-)



#50

Toluene-d8

Concen: 142.079 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002938.D

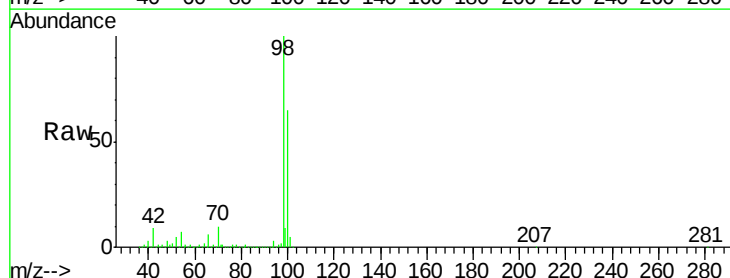
Acq: 19 Jun 2020 14:47

Tgt Ion: 98 Resp: 1732570

Ion Ratio Lower Upper

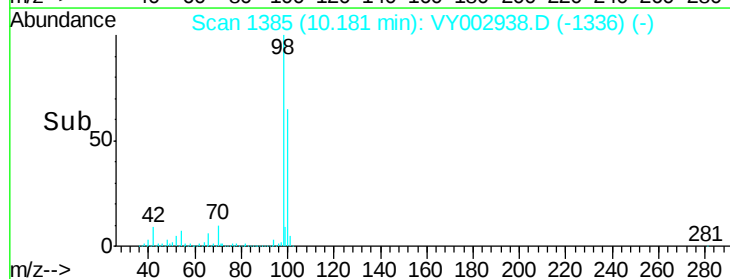
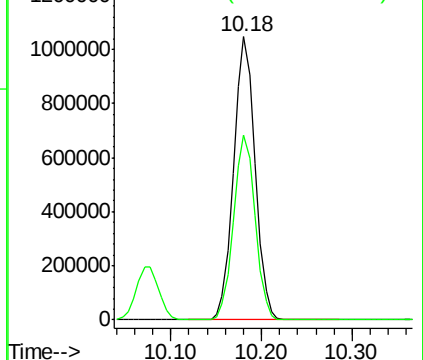
98 100

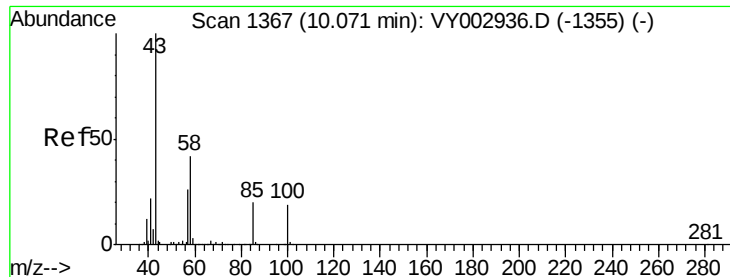
100 65.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY002938.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002938.D (-1376) (-)

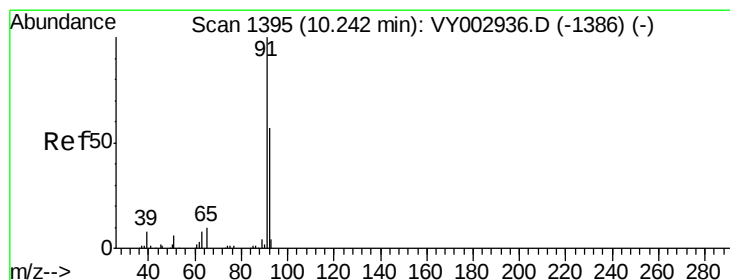
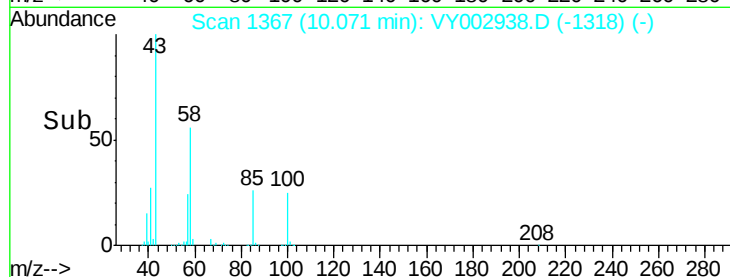
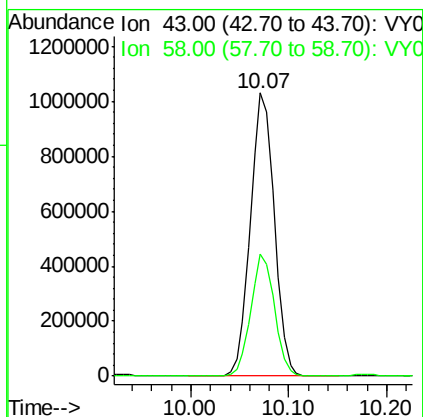
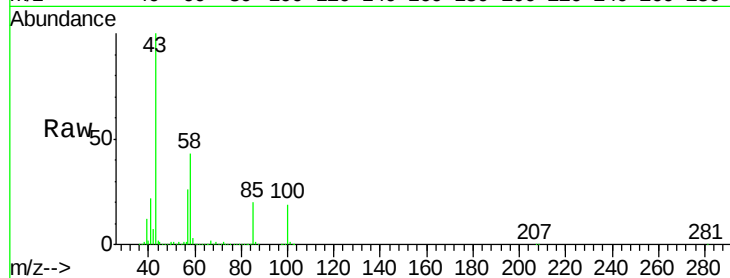




#51
4-Methyl-2-Pentanone
Concen: 722.756 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

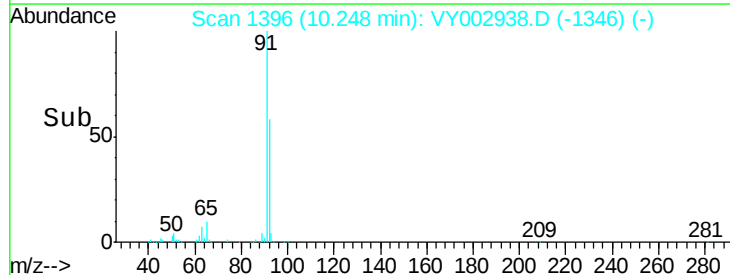
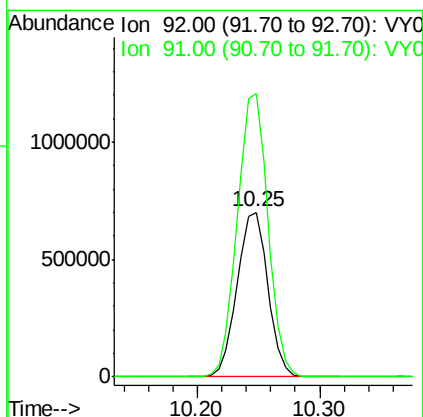
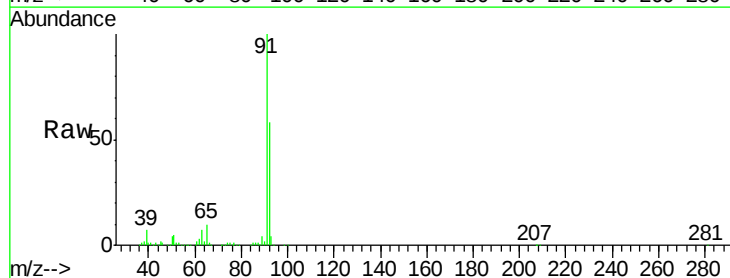
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

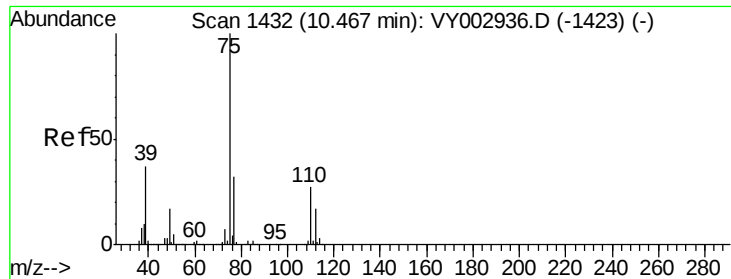
Tgt Ion: 43 Resp: 1748739
Ion Ratio Lower Upper
43 100
58 42.6 33.9 50.9



#52
Toluene
Concen: 143.393 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 92 Resp: 1218448
Ion Ratio Lower Upper
92 100
91 171.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 148.060 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

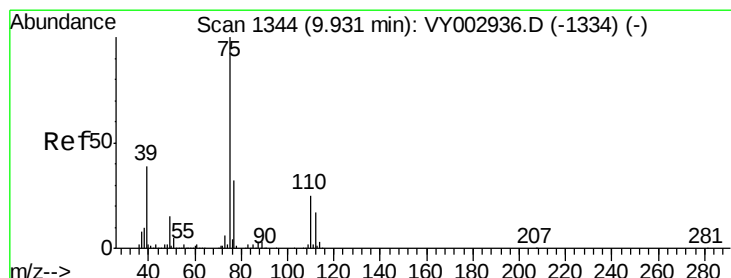
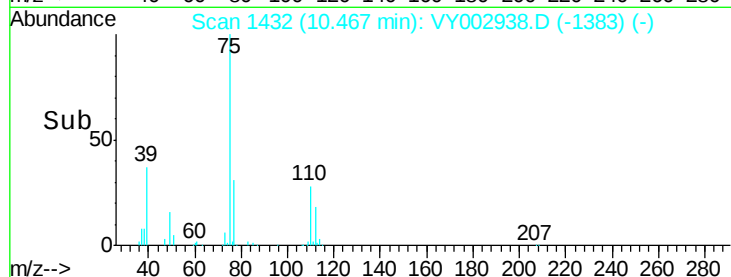
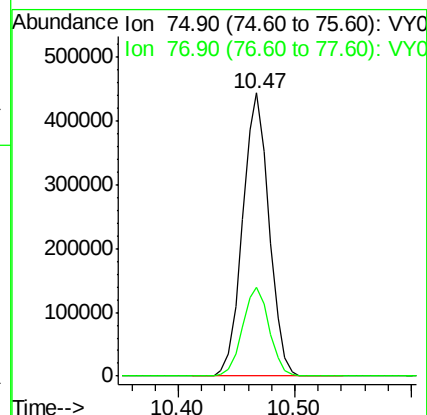
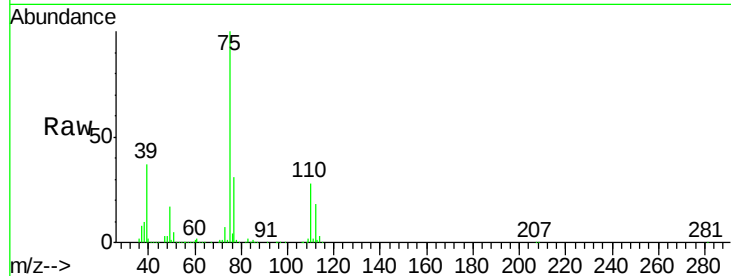
VSTDIC150

Tgt Ion: 75 Resp: 701951

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 147.799 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

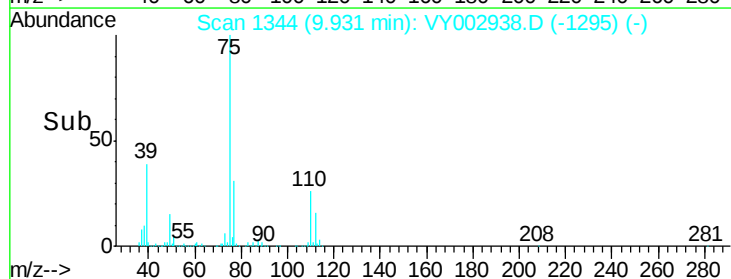
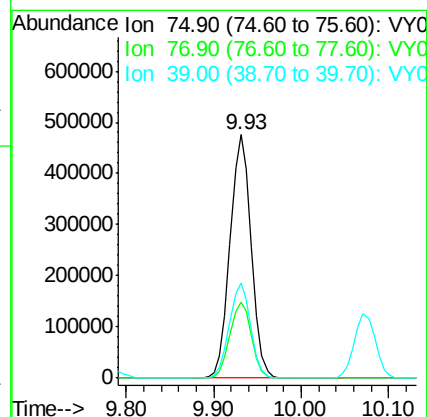
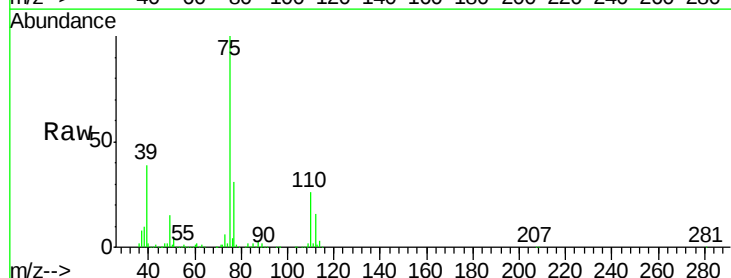
Tgt Ion: 75 Resp: 794956

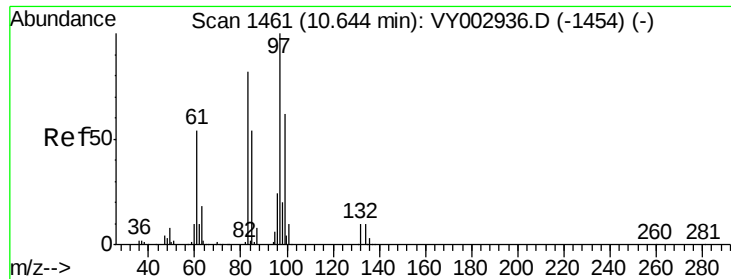
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

39 38.9 31.4 47.0

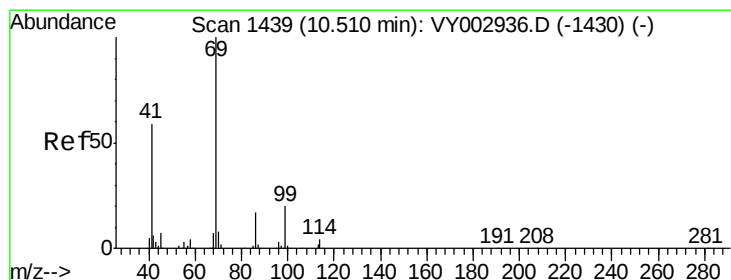
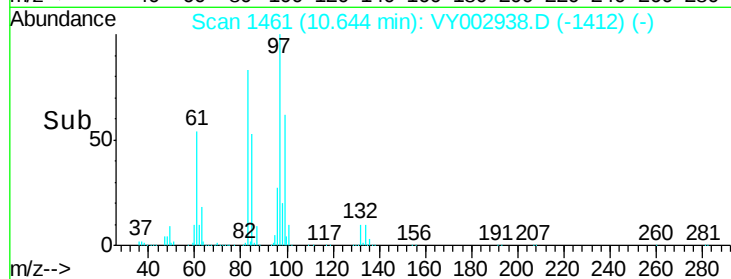
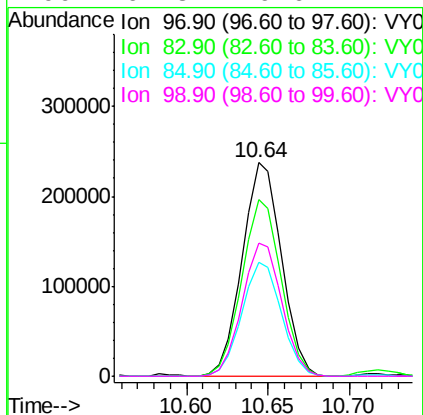
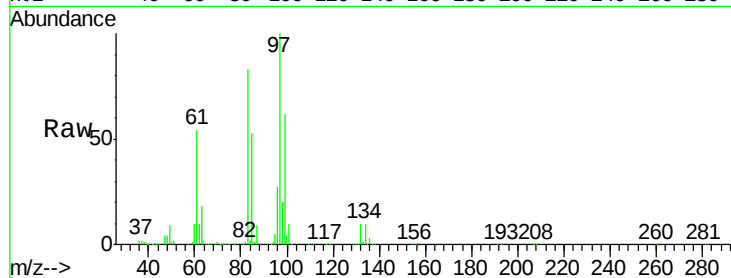




#55
 1,1,2-Trichloroethane
 Concen: 141.070 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

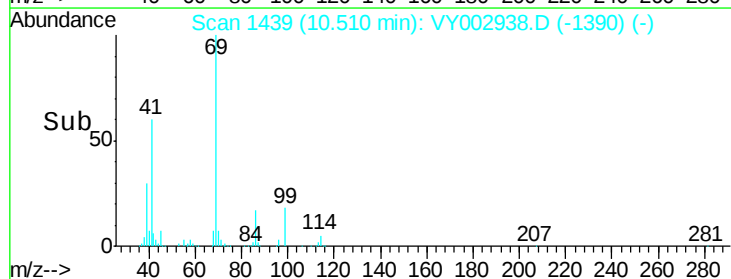
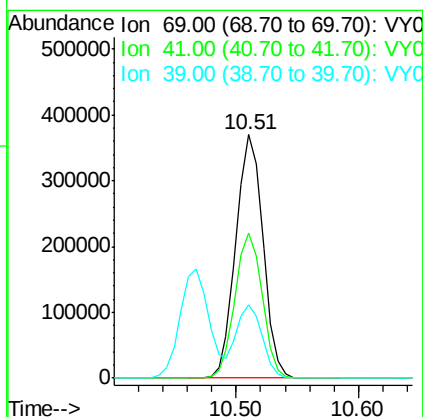
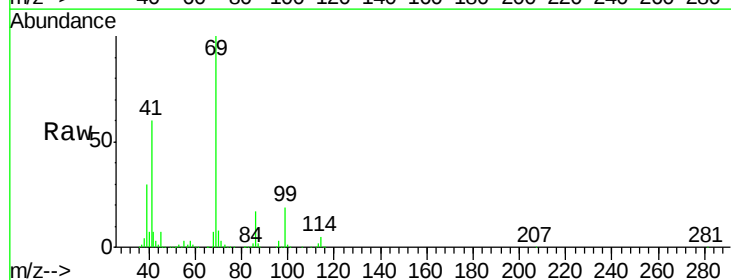
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

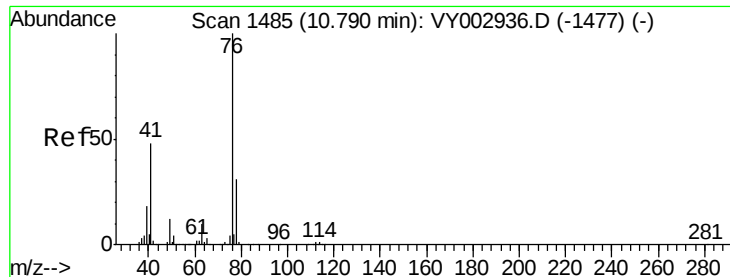
Tgt Ion:	97	Resp:	399574
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.9	98.9
85	53.1	43.1	64.7
99	62.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 152.287 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion:	69	Resp:	568137
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.4	69.6
39	28.2	21.4	32.0





#57

1,3-Dichloropropane

Concen: 140.625 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

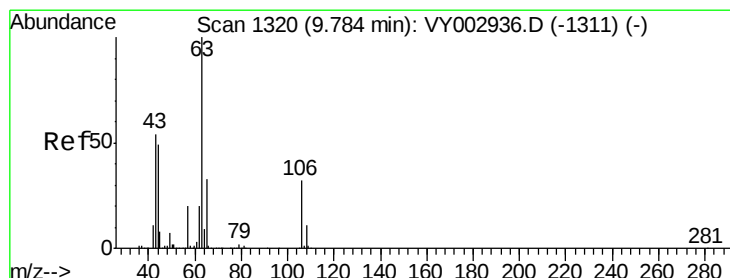
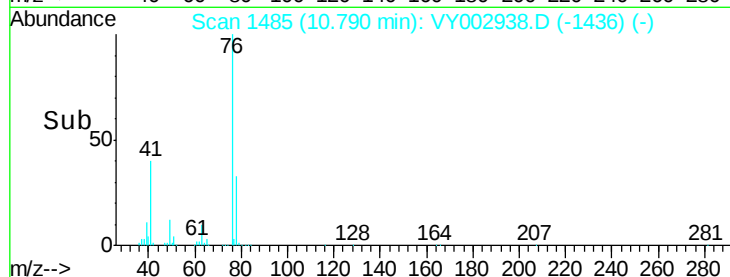
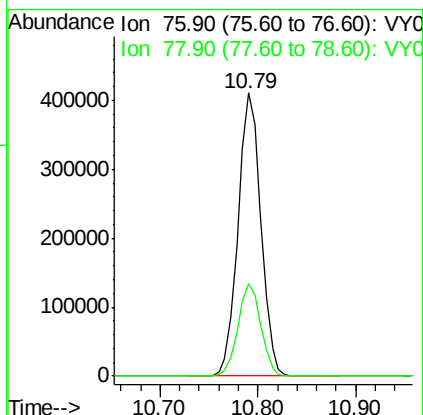
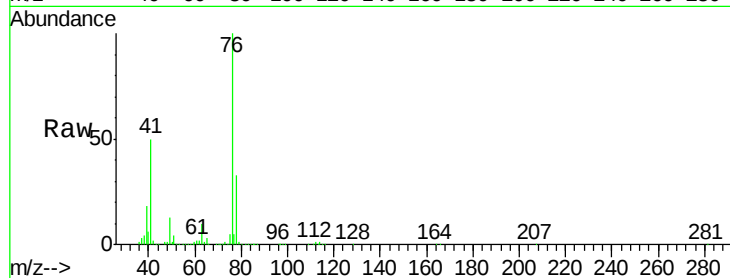
VSTDICC150

Tgt Ion: 76 Resp: 664807

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 750.641 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002938.D

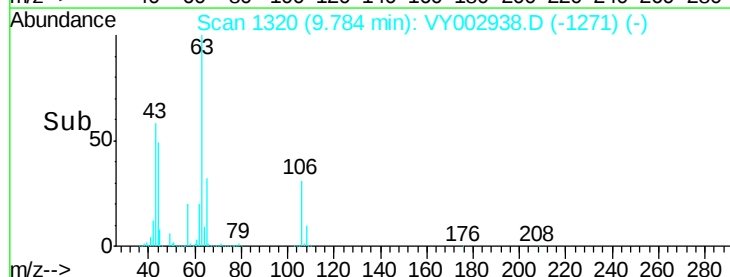
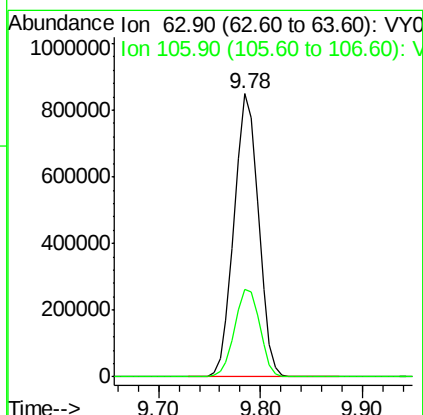
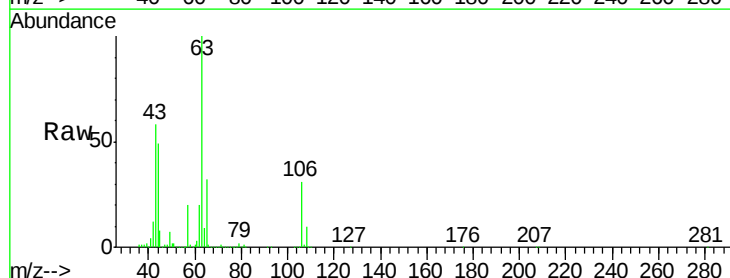
Acq: 19 Jun 2020 14:47

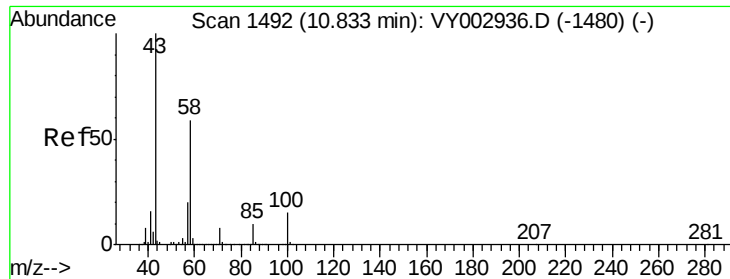
Tgt Ion: 63 Resp: 1401177

Ion Ratio Lower Upper

63 100

106 32.0 25.6 38.4

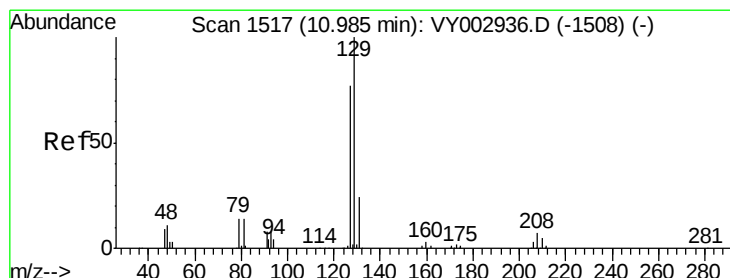
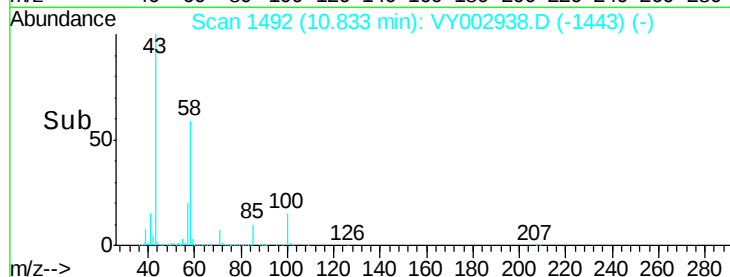
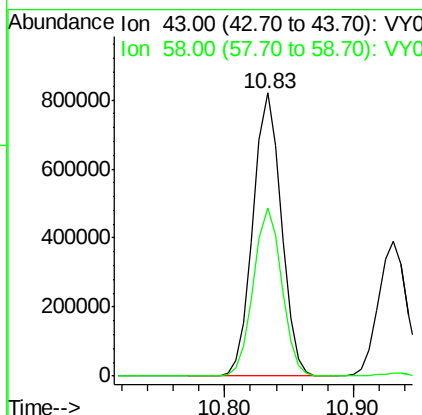
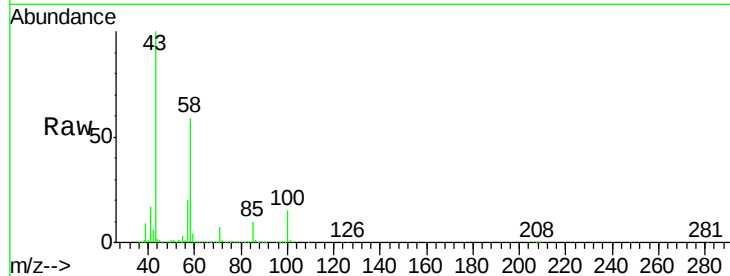




#59
2-Hexanone
Concen: 733.304 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

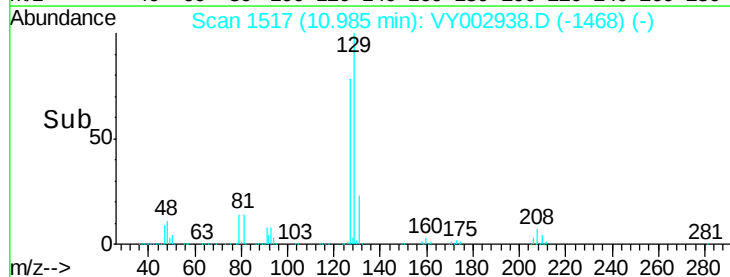
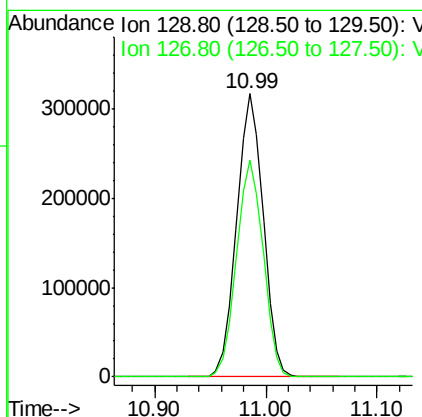
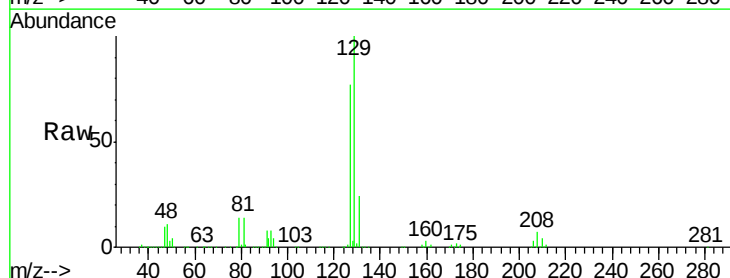
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

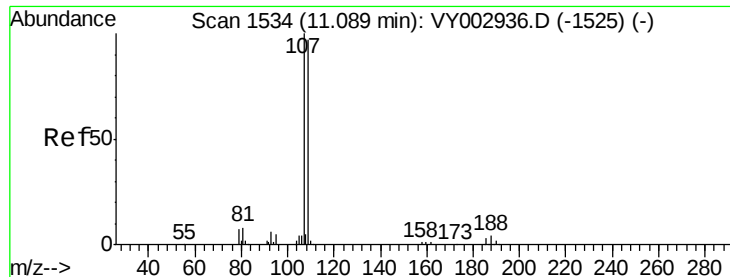
Tgt Ion: 43 Resp: 1239940
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1



#60
Dibromochloromethane
Concen: 145.976 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 129 Resp: 522123
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

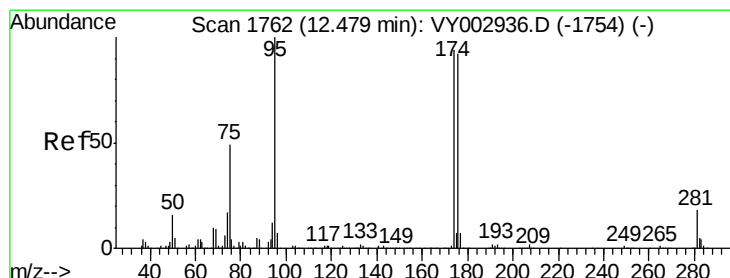
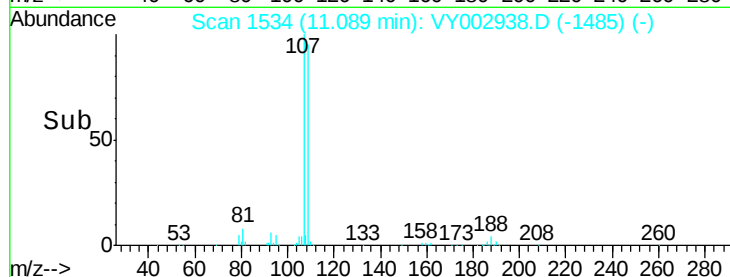
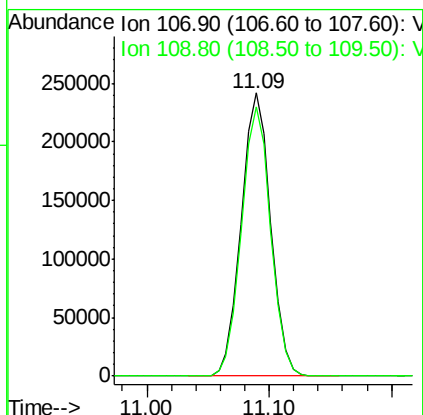
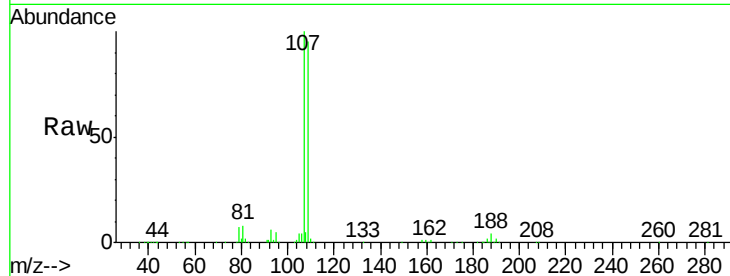




#61
 1,2-Dibromoethane
 Concen: 143.674 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

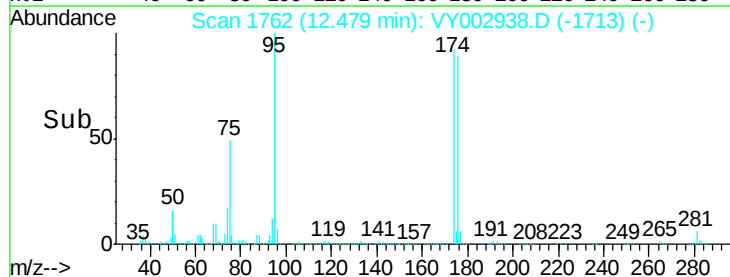
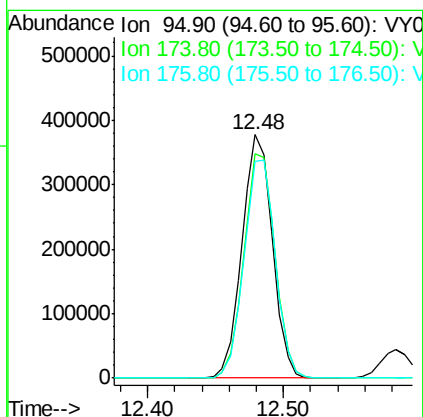
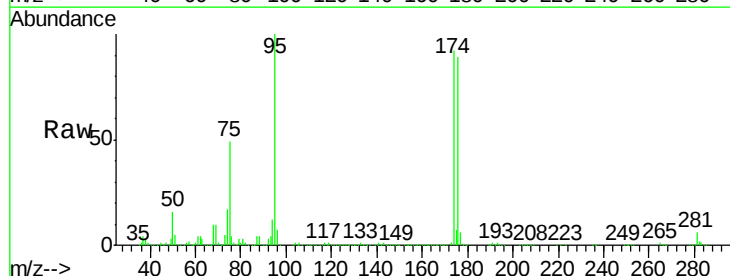
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

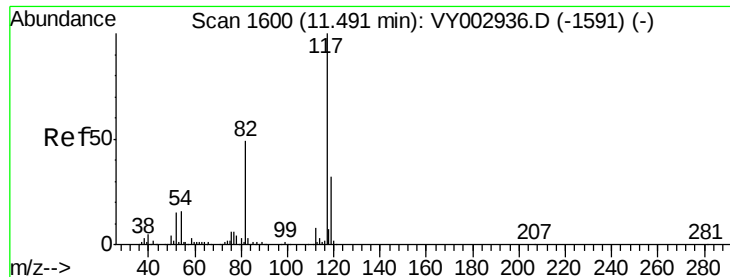
Tgt Ion: 107 Resp: 401388
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 137.350 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion: 95 Resp: 588844
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.2
 176 92.4 0.0 186.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

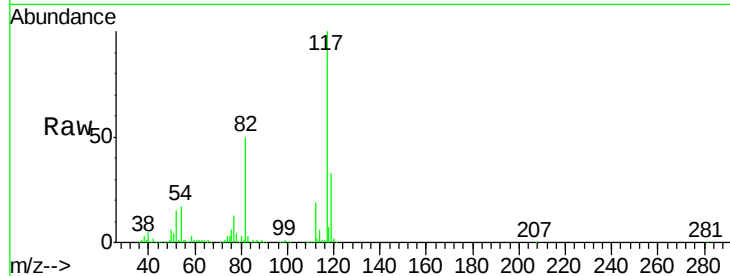
Tgt Ion:117 Resp: 499166

Ion Ratio Lower Upper

117 100

82 50.3 39.4 59.0

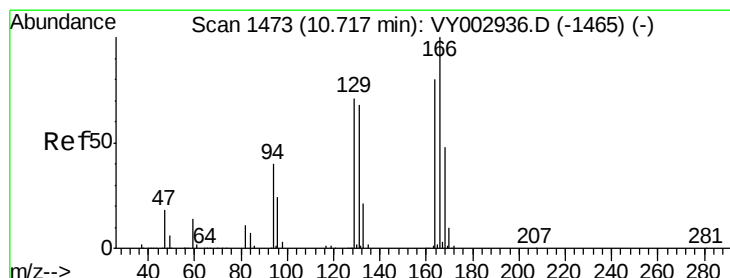
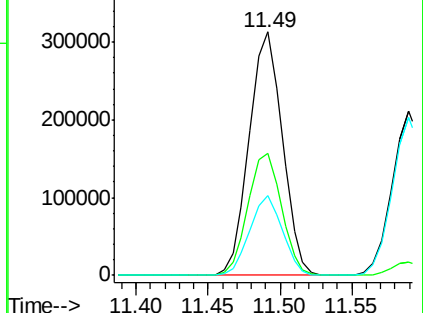
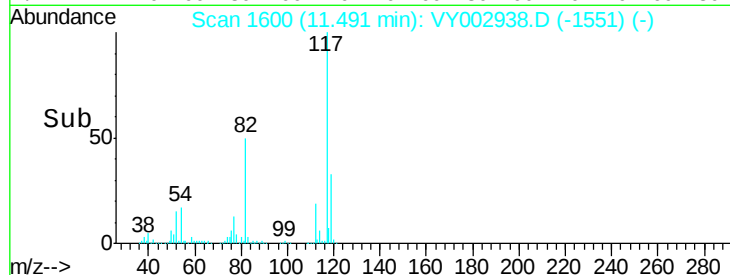
119 32.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 136.605 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:164 Resp: 577317

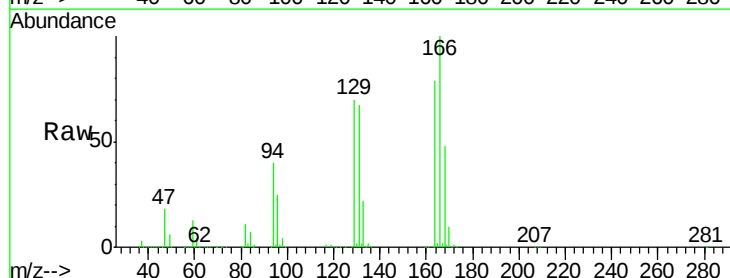
Ion Ratio Lower Upper

164 100

166 127.3 100.5 150.7

129 88.9 71.1 106.7

131 85.7 68.7 103.1

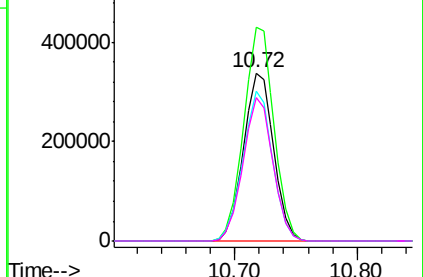
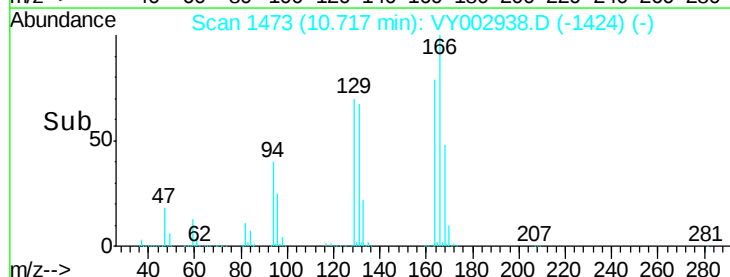


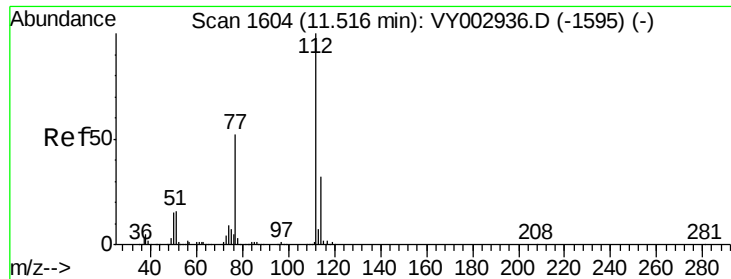
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

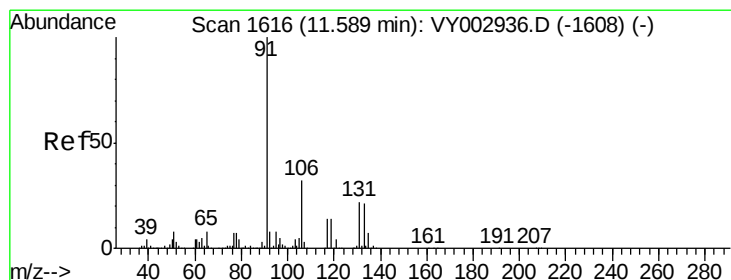
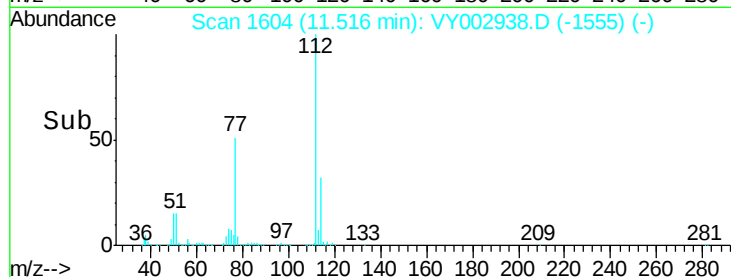
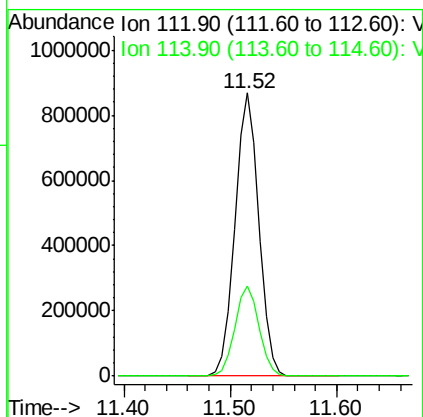
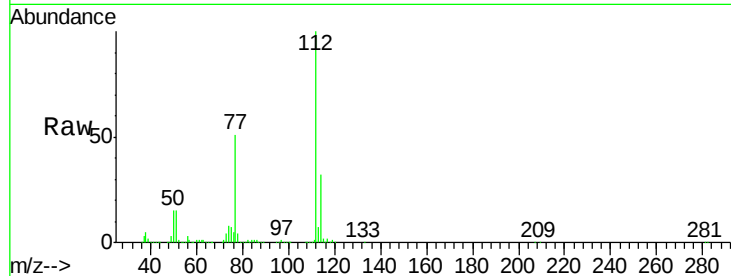




#65
Chlorobenzene
Concen: 143.454 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

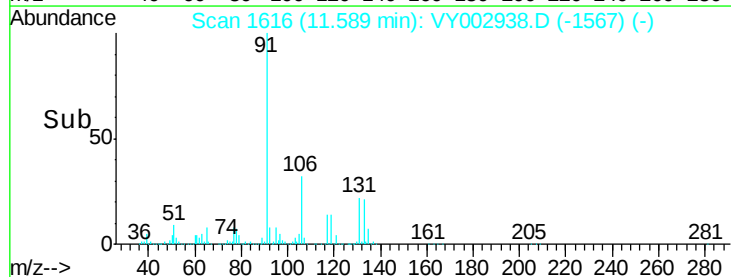
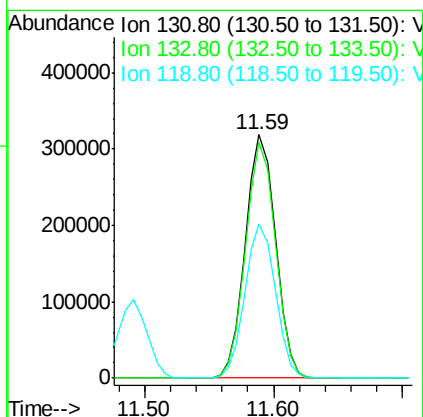
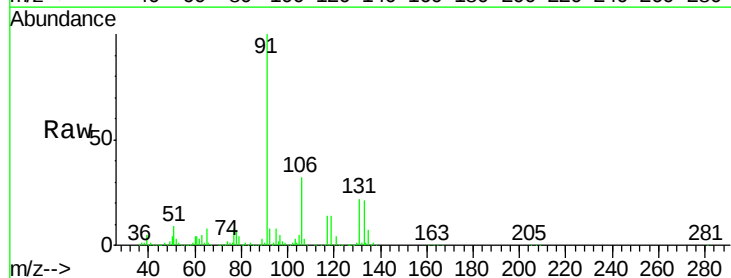
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

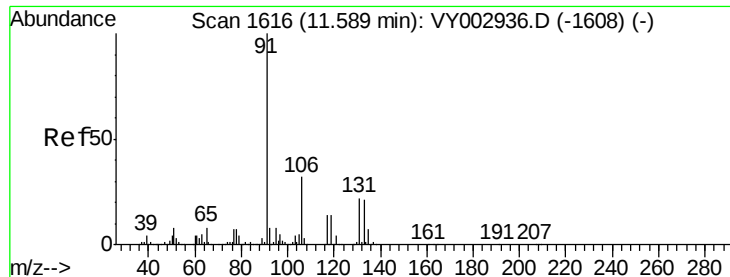
Tgt Ion:112 Resp: 1359995
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 144.990 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion:131 Resp: 517343
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 63.5 31.5 94.5





#67

Ethyl Benzene

Concen: 144.602 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

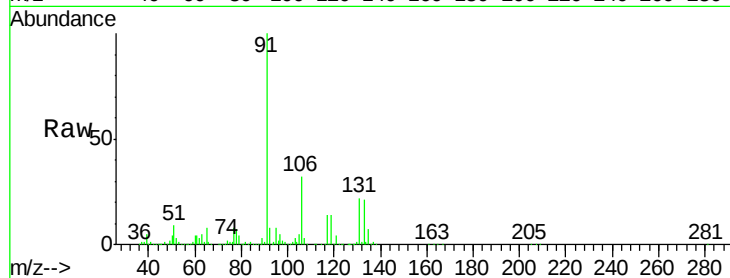
VSTDIC150

Tgt Ion: 91 Resp: 2352803

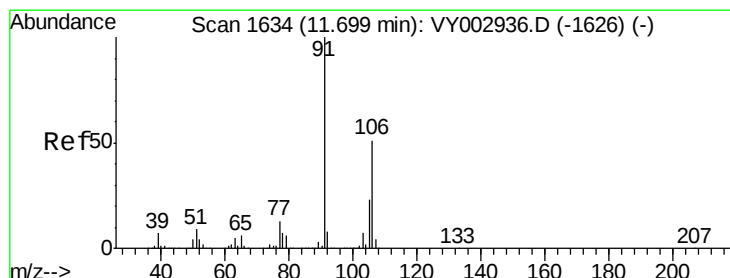
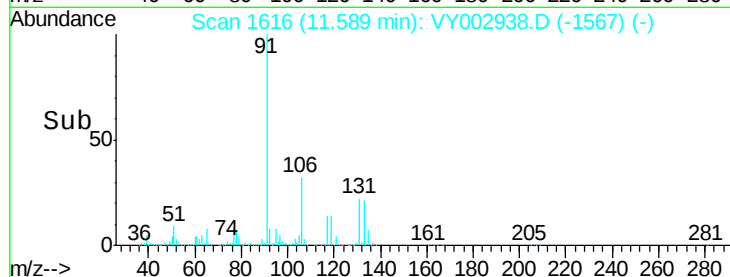
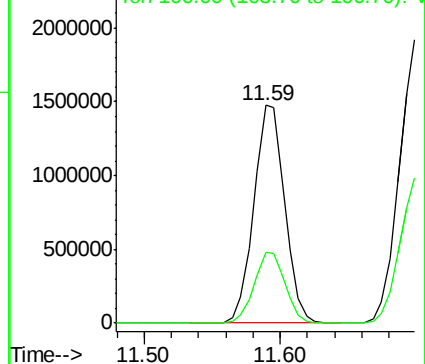
Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VY002938.D (-1608) (-)



#68

m/p-Xylenes

Concen: 290.315 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002938.D

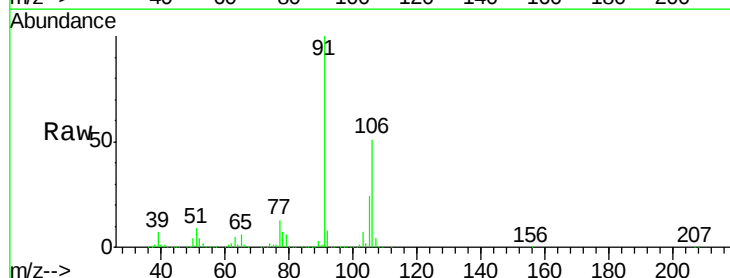
Acq: 19 Jun 2020 14:47

Tgt Ion: 106 Resp: 1835217

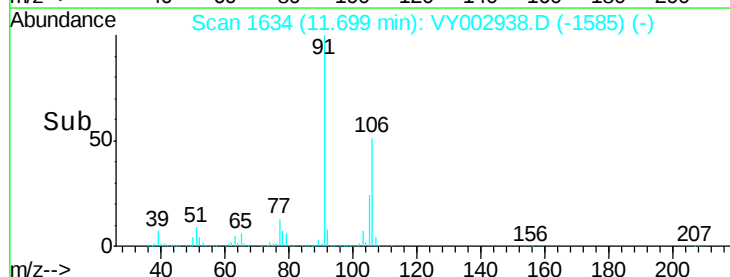
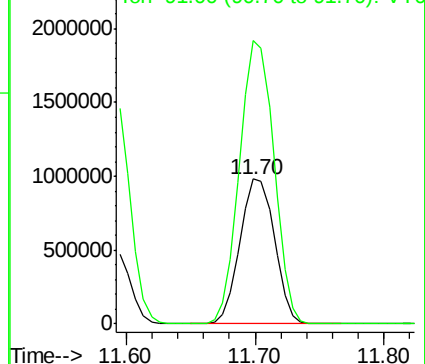
Ion Ratio Lower Upper

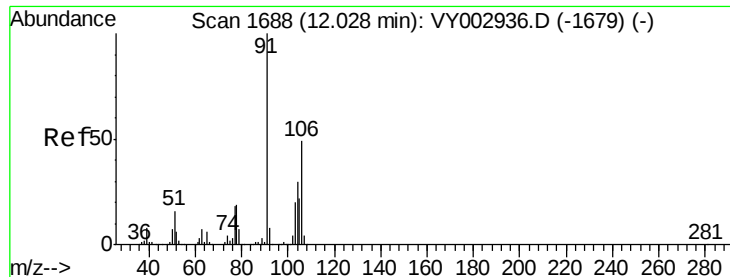
106 100

91 194.1 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VY002938.D (-1626) (-)

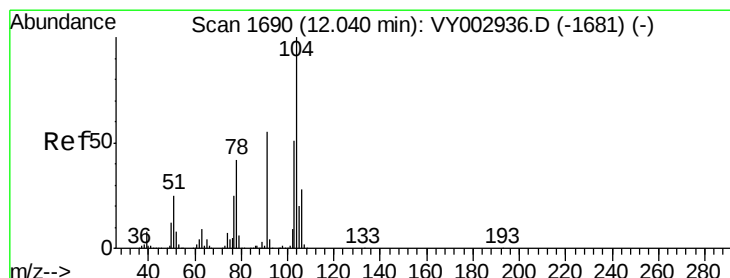
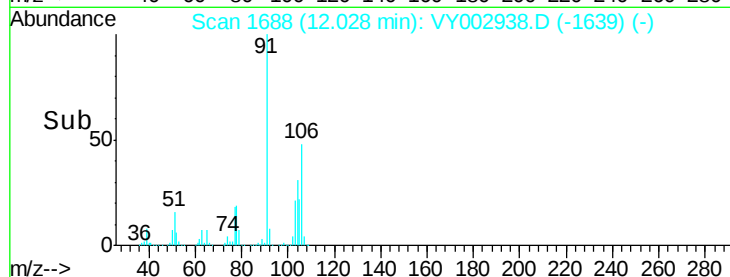
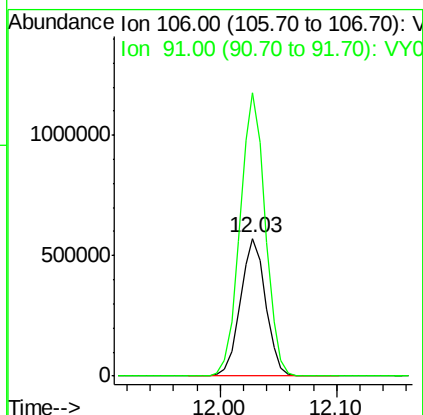
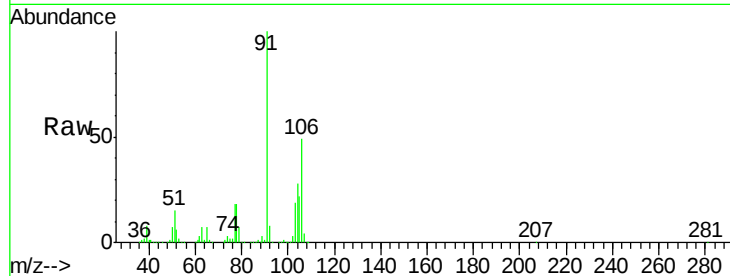




#69
o-Xylene
Concen: 145.419 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

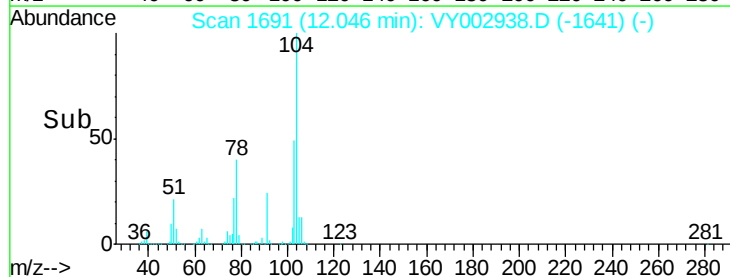
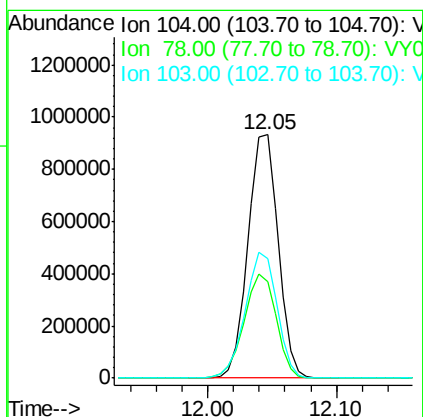
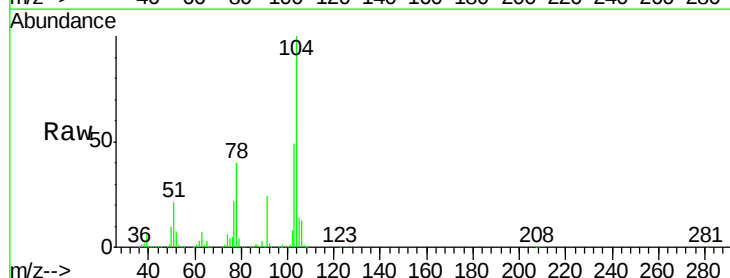
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

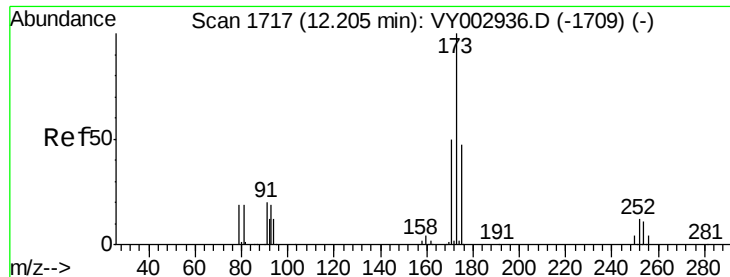
Tgt Ion:106 Resp: 866621
Ion Ratio Lower Upper
106 100
91 204.6 102.1 306.1



#70
Styrene
Concen: 146.649 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion:104 Resp: 1504971
Ion Ratio Lower Upper
104 100
78 45.9 36.9 55.3
103 54.5 43.7 65.5





#71

Bromoform

Concen: 148.092 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

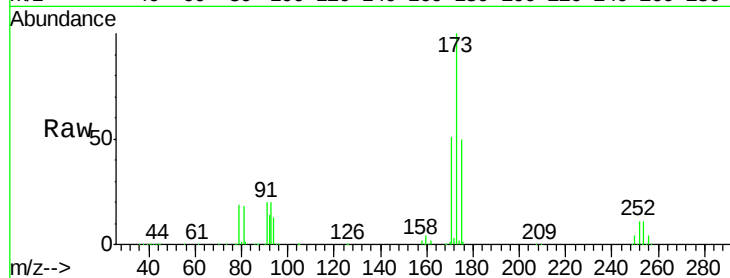
Tgt Ion:173 Resp: 352062

Ion Ratio Lower Upper

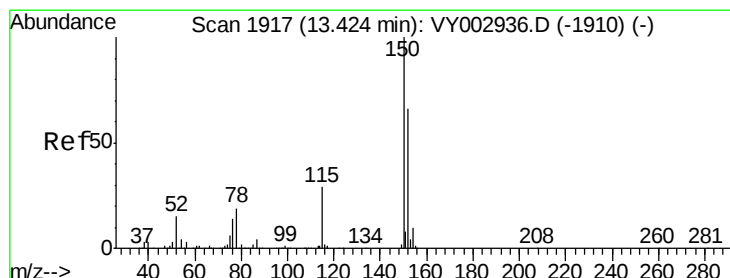
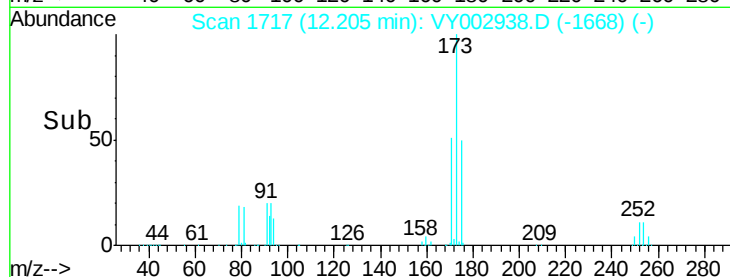
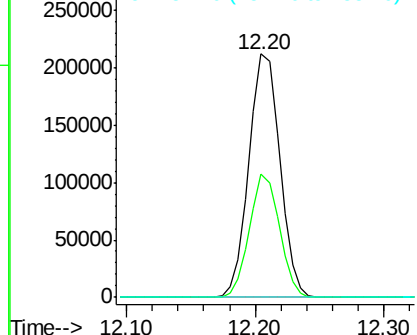
173 100

175 48.9 23.9 71.8

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: VY002938.D

Acq: 19 Jun 2020 14:47

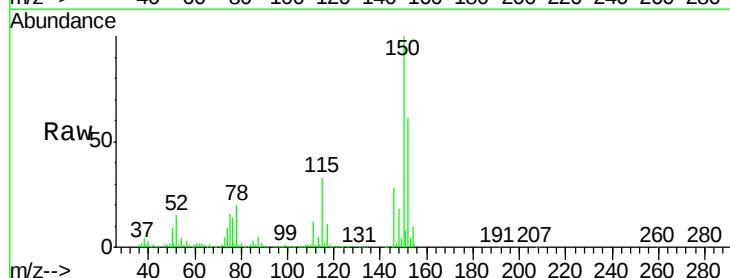
Tgt Ion:152 Resp: 257882

Ion Ratio Lower Upper

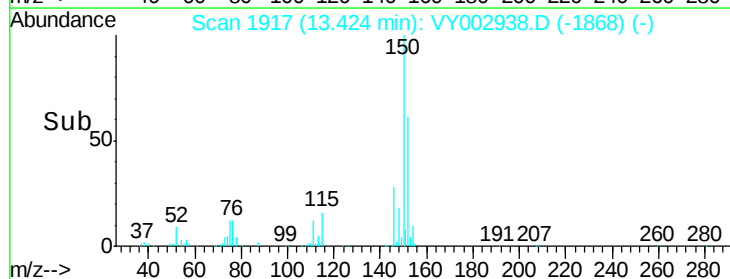
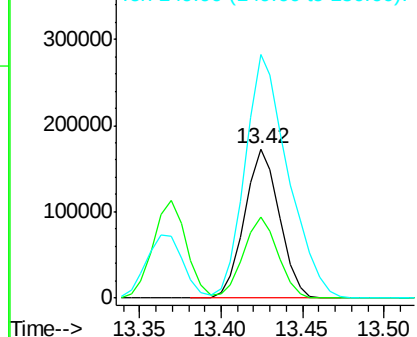
152 100

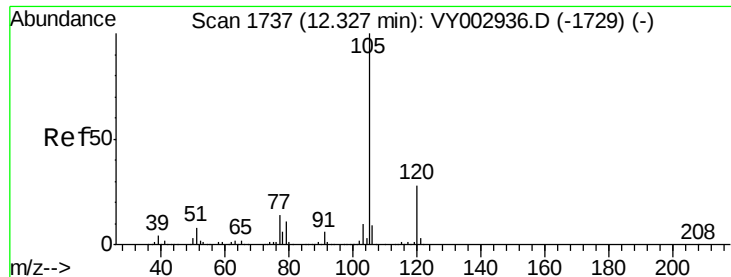
115 53.9 26.9 80.6

150 200.6 0.0 341.8



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: 145.943 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

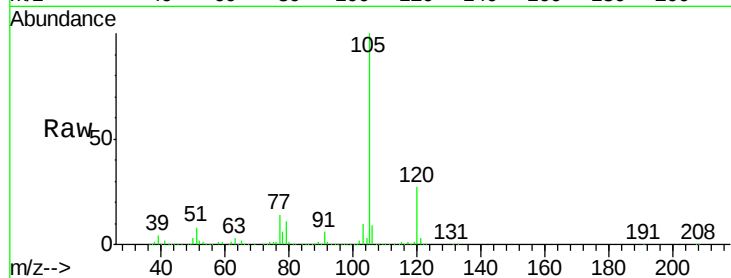
VSTDIC150

Tgt Ion:105 Resp: 2297413

Ion Ratio Lower Upper

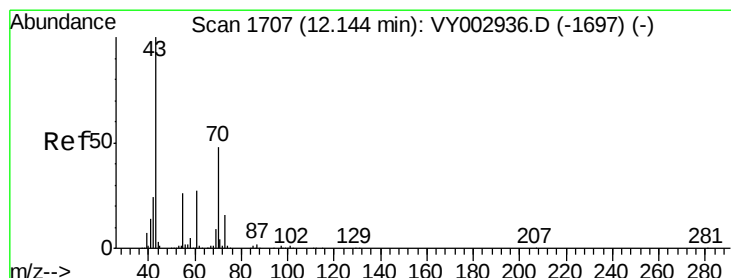
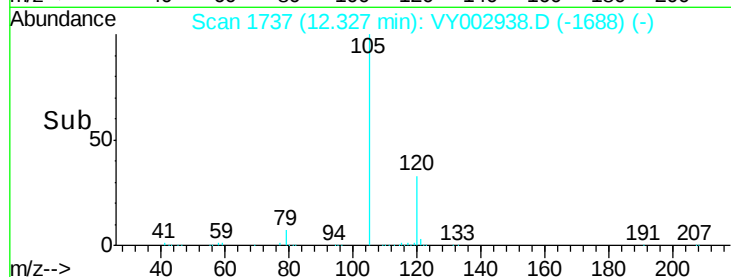
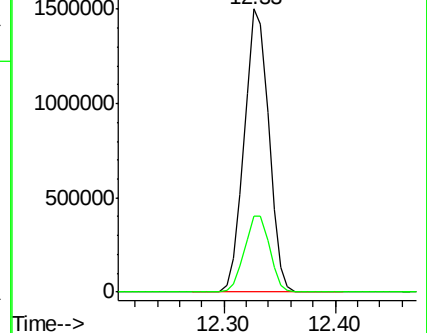
105 100

120 27.6 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 153.822 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion: 43 Resp: 615737

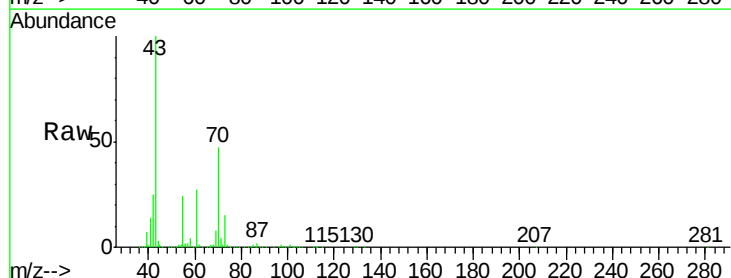
Ion Ratio Lower Upper

43 100

70 47.5 38.0 57.0

55 24.1 20.3 30.5

61 26.7 21.4 32.2

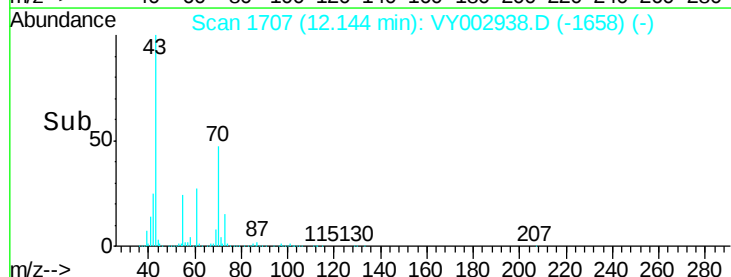
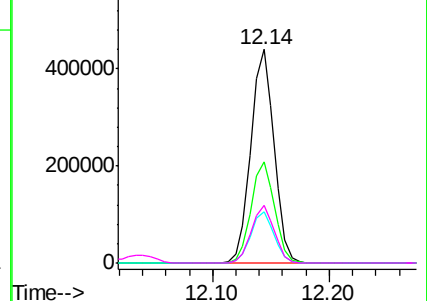


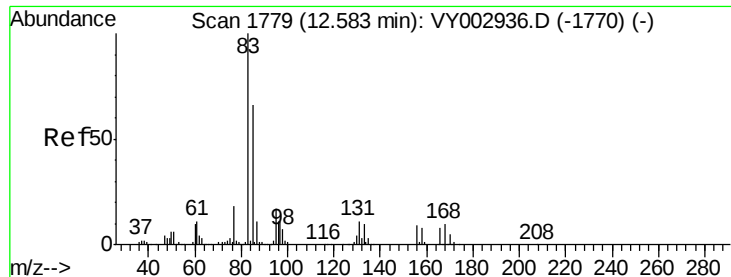
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 148.359 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

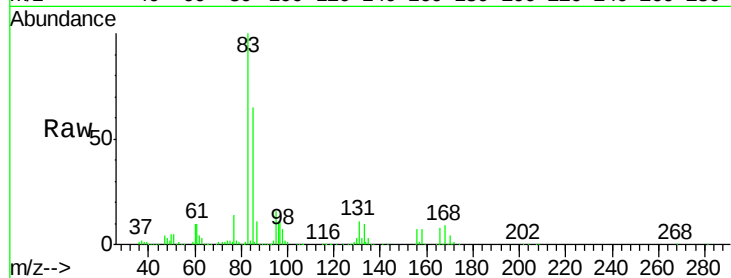
Tgt Ion: 83 Resp: 433069

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

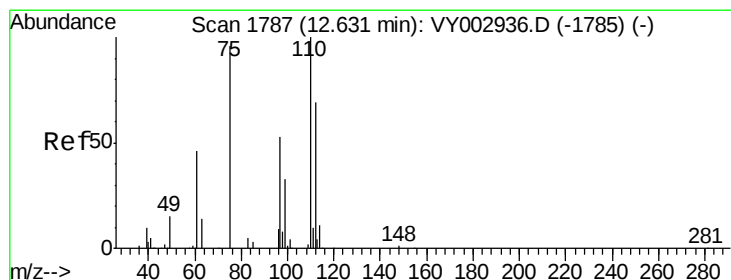
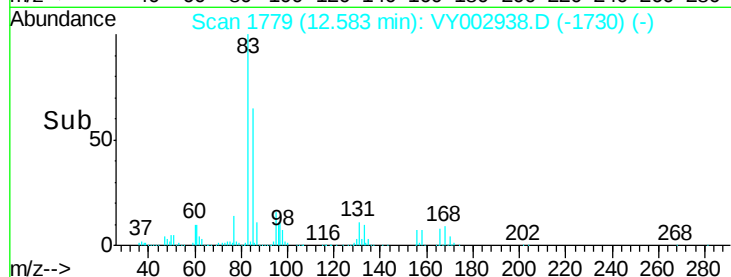
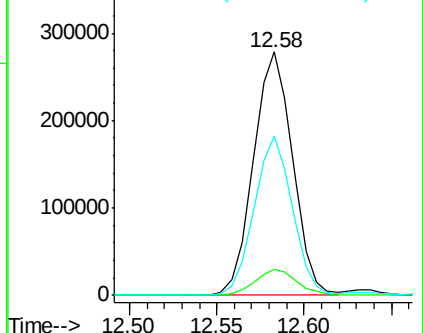
85 63.7 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VY002938.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002938.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002938.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 167.754 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002938.D

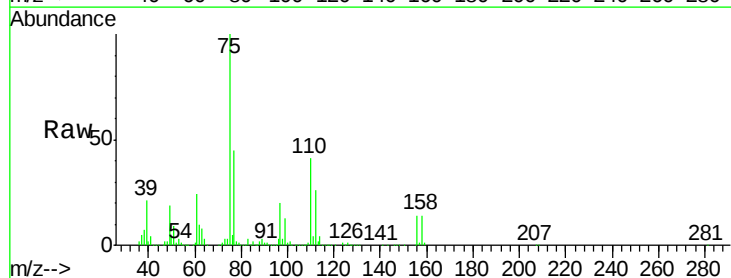
Acq: 19 Jun 2020 14:47

Tgt Ion: 75 Resp: 613569

Ion Ratio Lower Upper

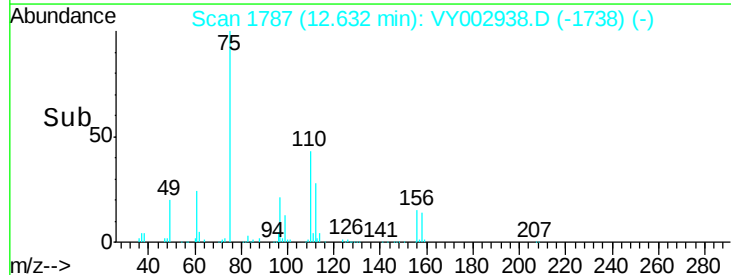
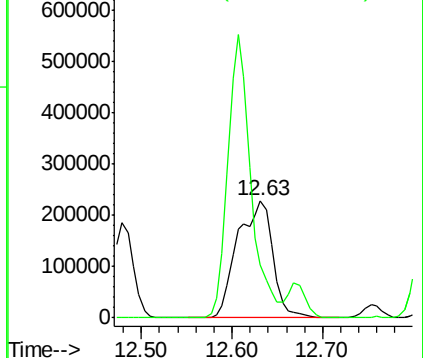
75 100

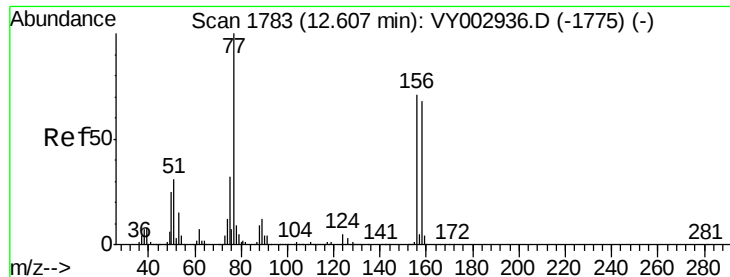
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002938.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002938.D (-1785) (-)





#77

Bromobenzene

Concen: 145.468 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

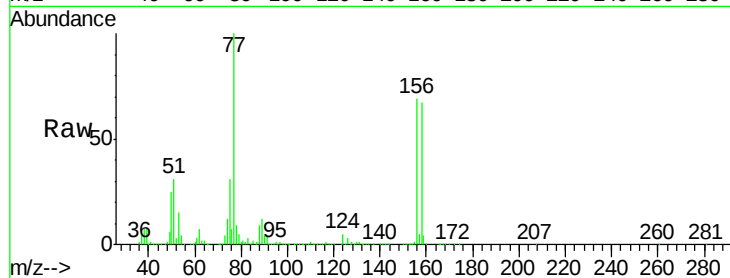
Tgt Ion:156 Resp: 601685

Ion Ratio Lower Upper

156 100

77 163.3 80.5 241.5

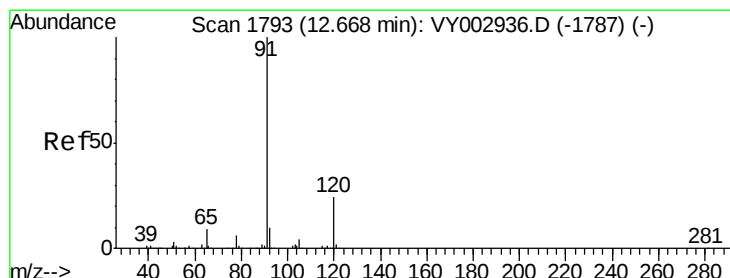
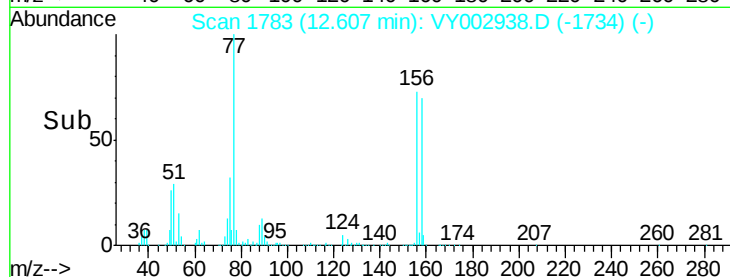
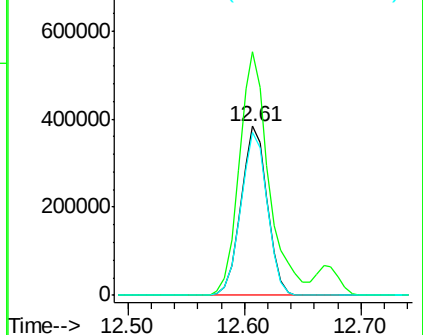
158 97.2 48.2 144.6



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: 144.214 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002938.D

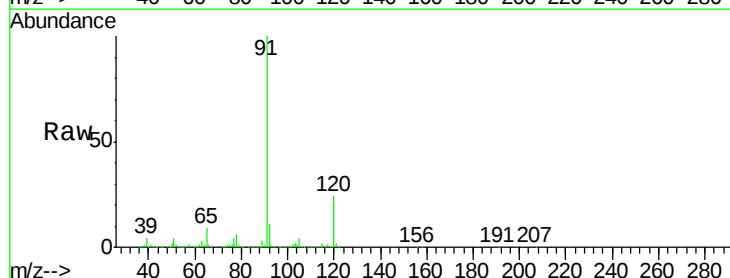
Acq: 19 Jun 2020 14:47

Tgt Ion: 91 Resp: 2641261

Ion Ratio Lower Upper

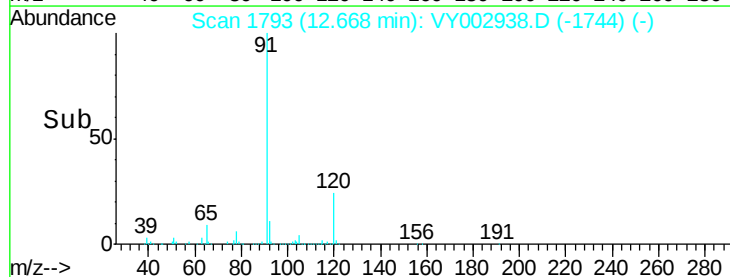
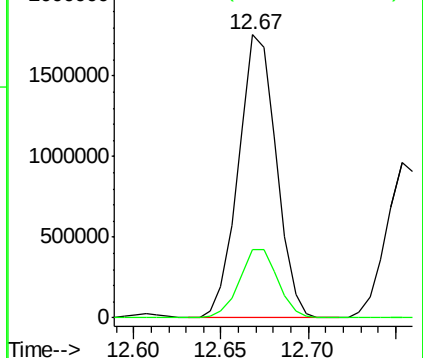
91 100

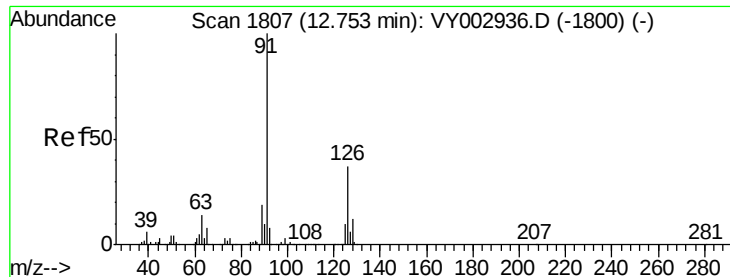
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.980 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

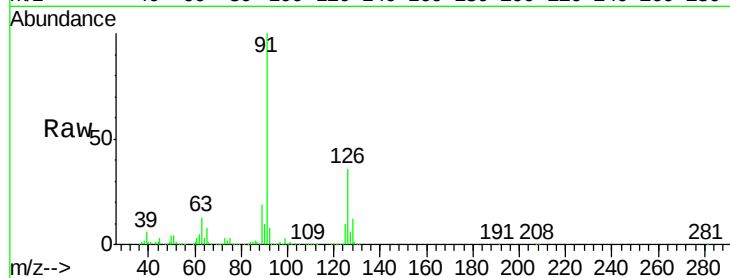
VSTDIC150

Tgt Ion: 91 Resp: 1488033

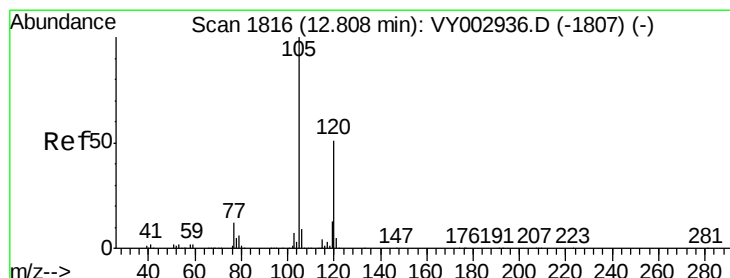
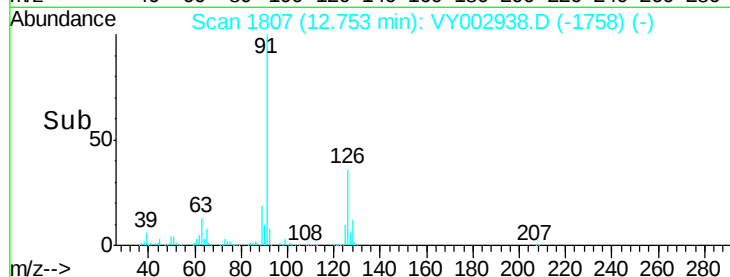
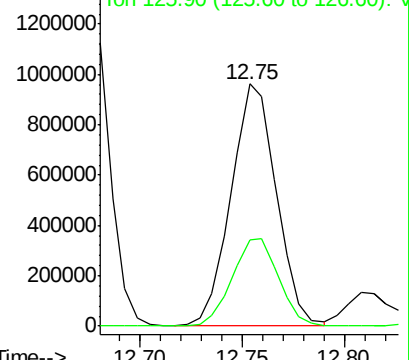
Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002938.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 145.960 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY002938.D

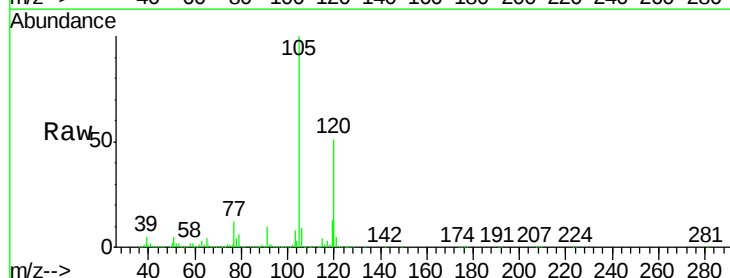
Acq: 19 Jun 2020 14:47

Tgt Ion: 105 Resp: 1915704

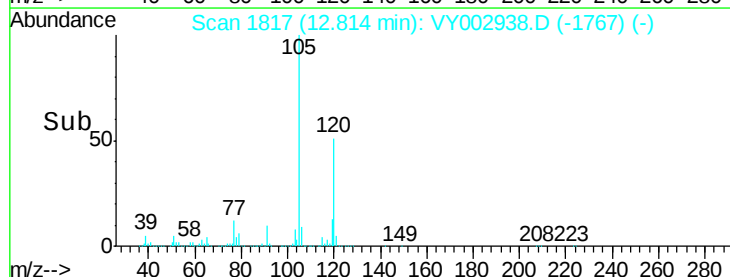
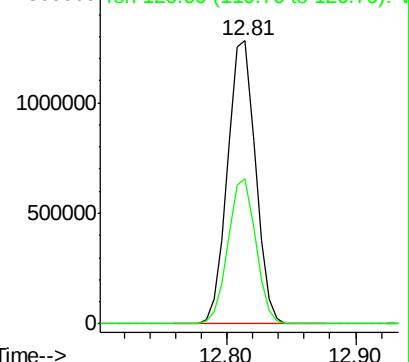
Ion Ratio Lower Upper

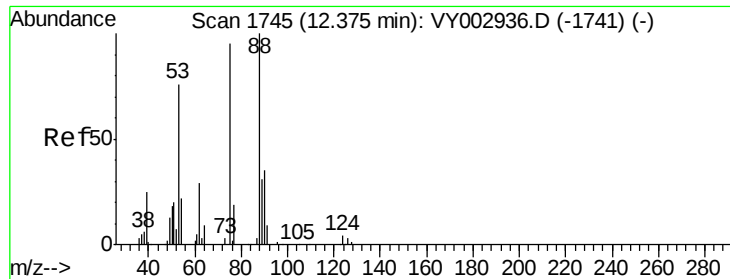
105 100

120 50.9 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002938.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 154.724 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

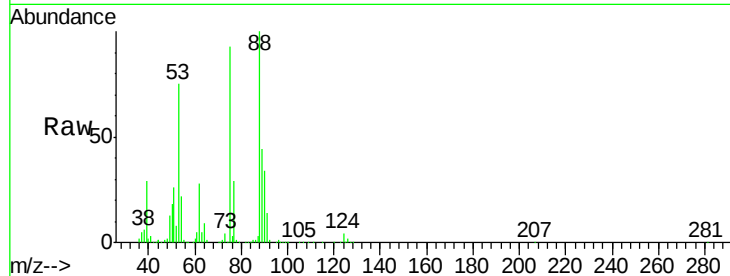
Tgt Ion: 75 Resp: 178479

Ion Ratio Lower Upper

75 100

53 80.3 65.1 97.7

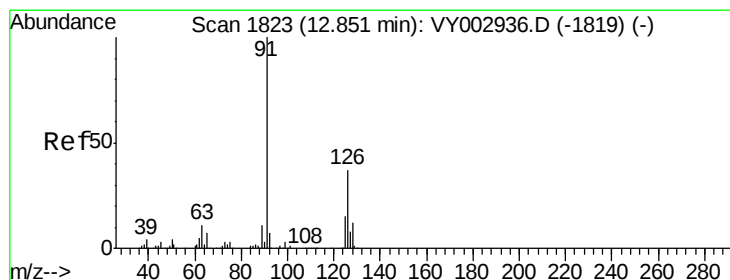
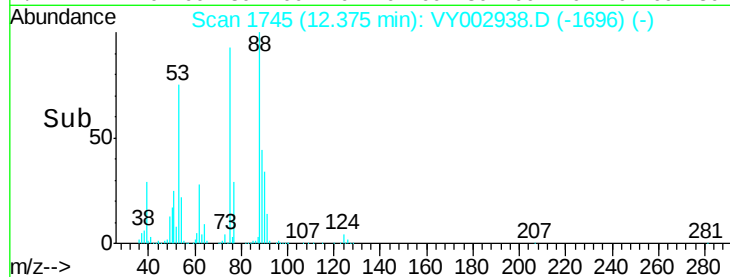
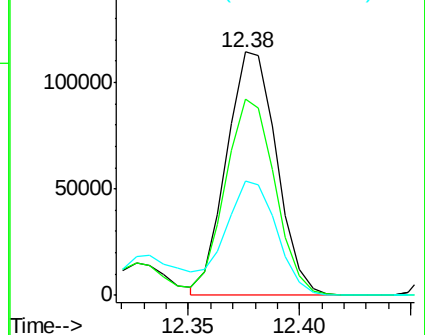
89 49.3 38.4 57.6



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: 143.214 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002938.D

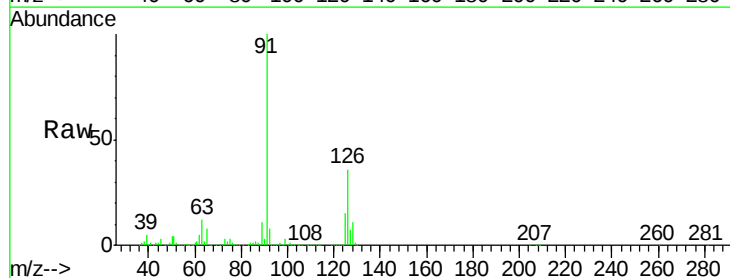
Acq: 19 Jun 2020 14:47

Tgt Ion: 91 Resp: 1550770

Ion Ratio Lower Upper

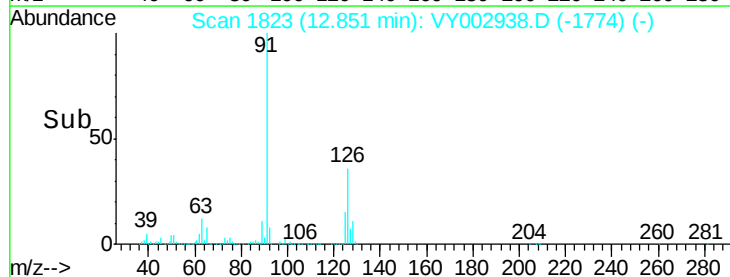
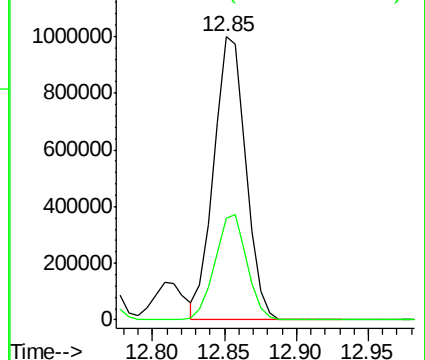
91 100

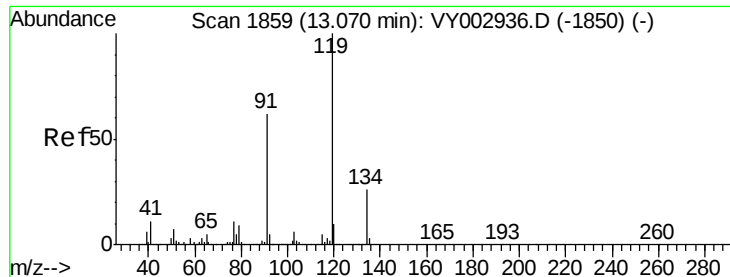
126 37.3 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 142.880 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

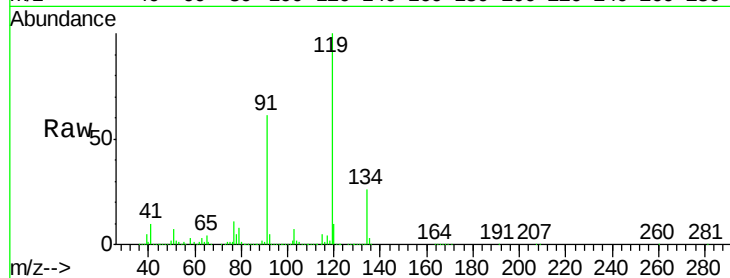
Tgt Ion:119 Resp: 1689037

Ion Ratio Lower Upper

119 100

91 59.8 29.9 89.7

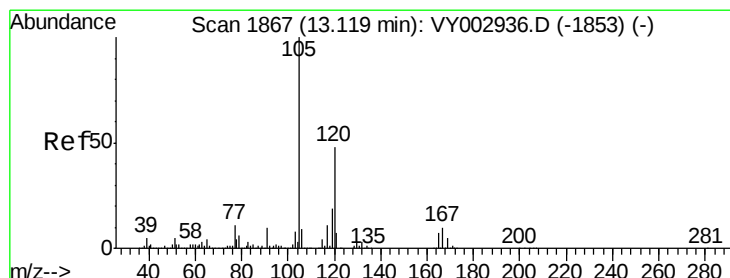
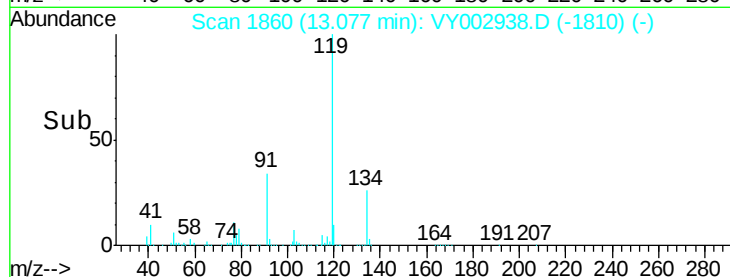
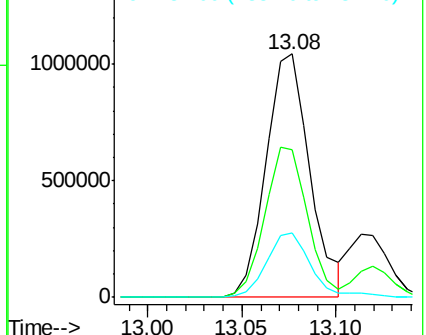
134 26.9 13.3 39.8



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: 144.058 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002938.D

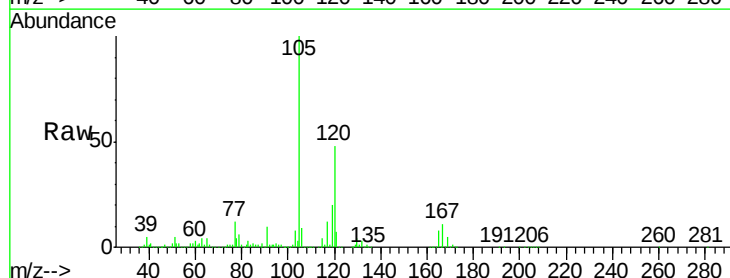
Acq: 19 Jun 2020 14:47

Tgt Ion:105 Resp: 1910593

Ion Ratio Lower Upper

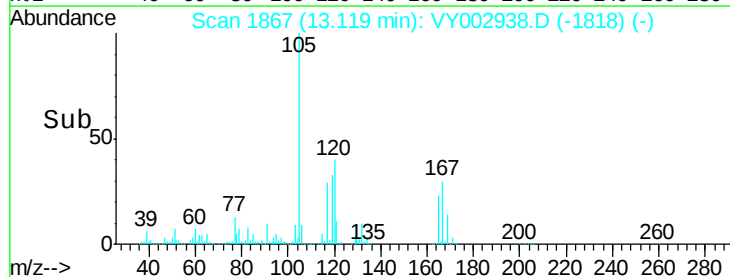
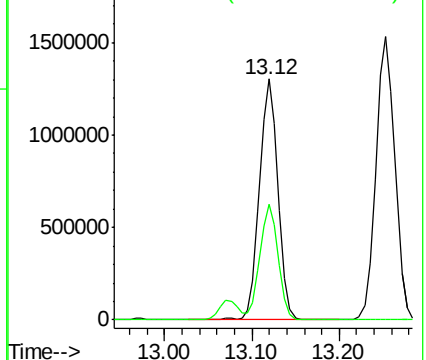
105 100

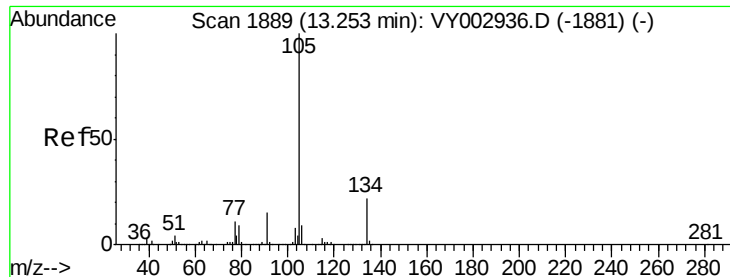
120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

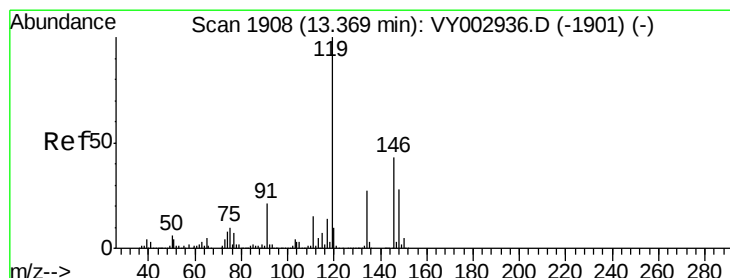
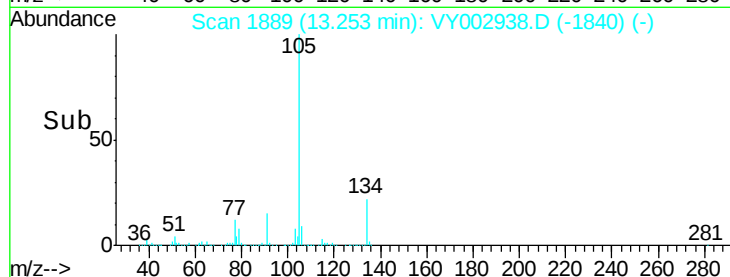
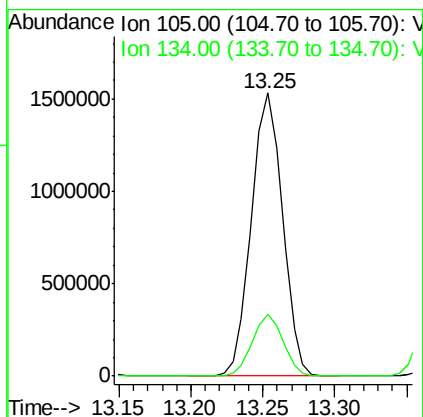
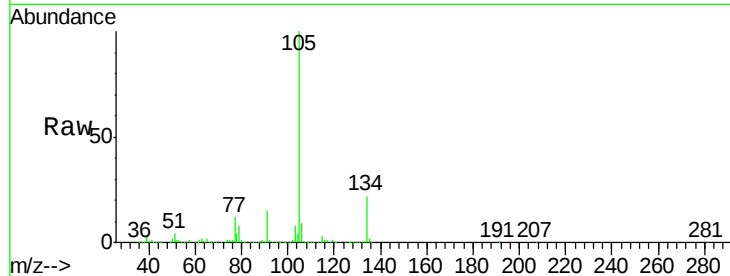




#85
 sec-Butylbenzene
 Concen: 141.501 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

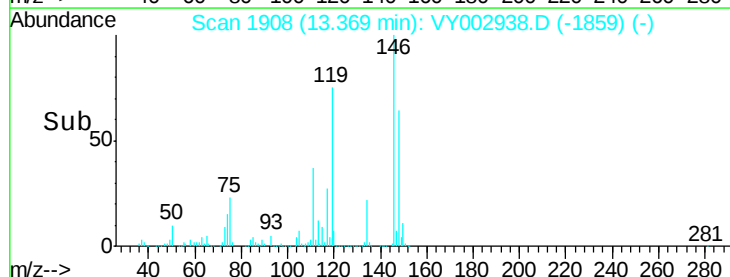
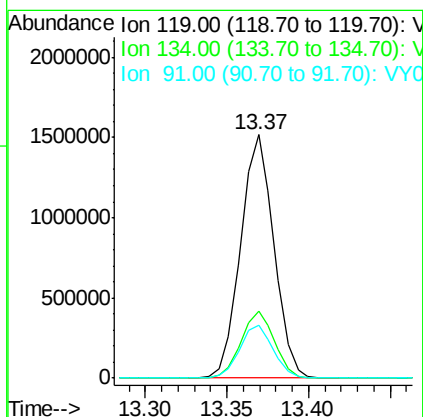
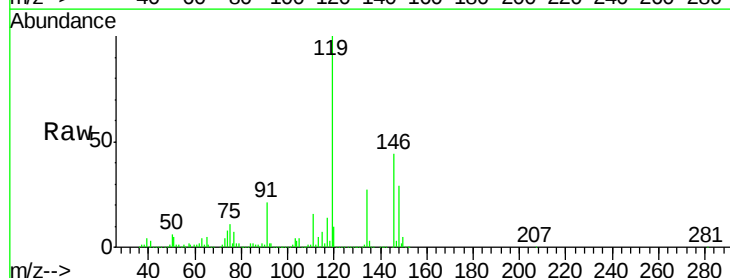
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

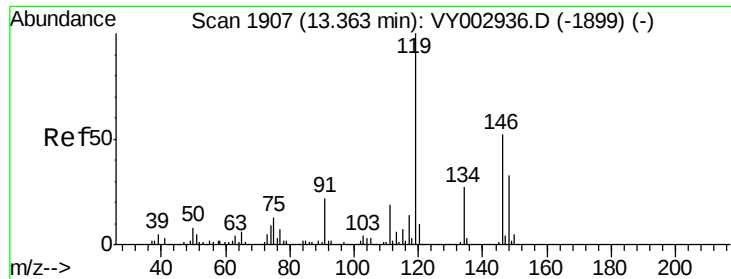
Tgt Ion:105 Resp: 2287236
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 142.507 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion:119 Resp: 2152321
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.8
 91 21.7 10.8 32.4

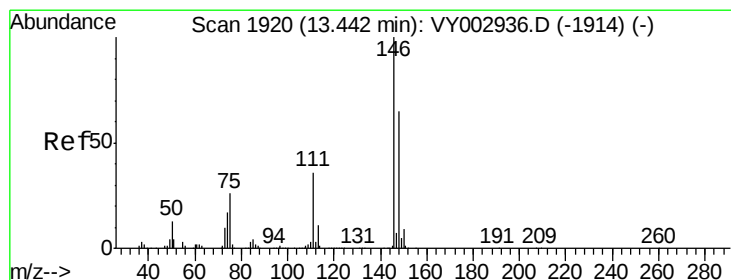
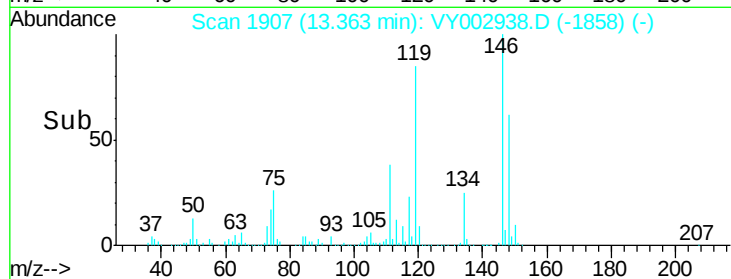
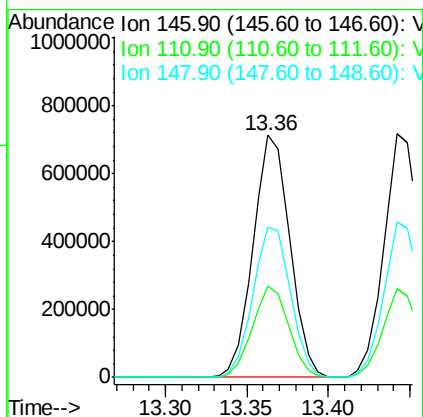
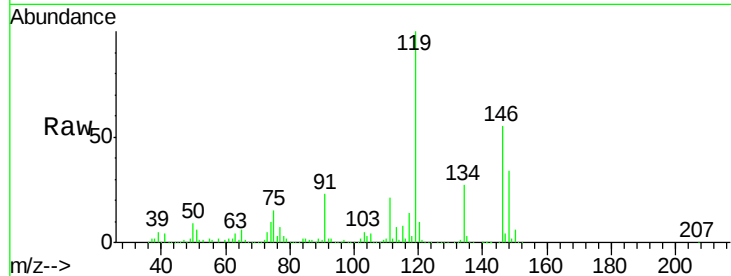




#87
 1,3-Dichlorobenzene
 Concen: 141.730 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

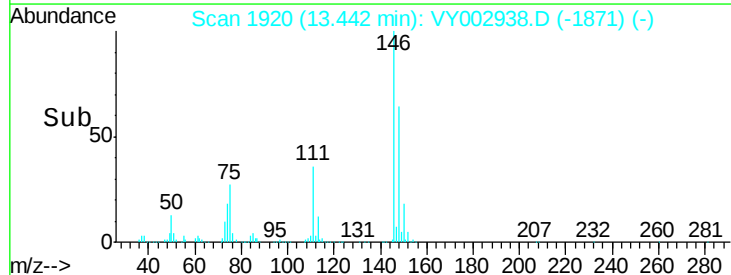
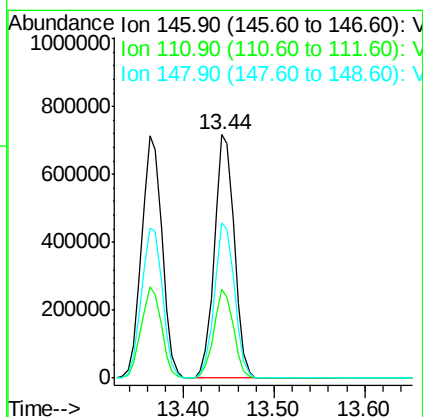
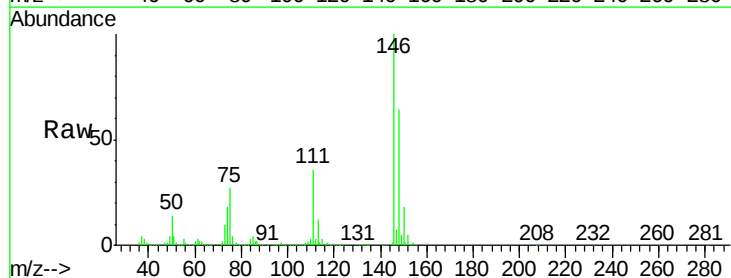
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

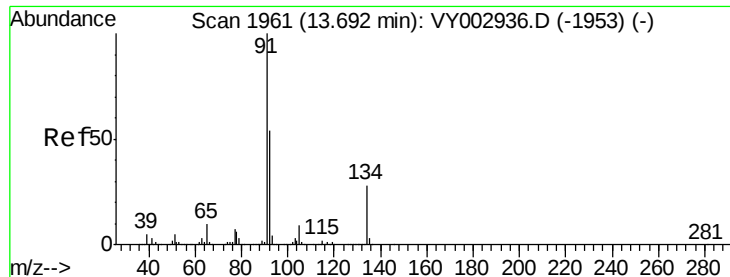
Tgt Ion:146 Resp: 1113285
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.2 54.6
 148 63.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 140.593 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion:146 Resp: 1107456
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.8
 148 64.0 32.1 96.5

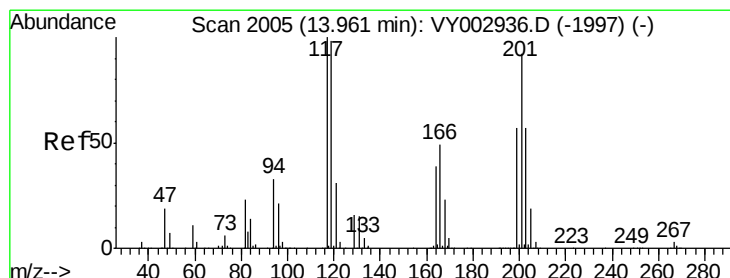
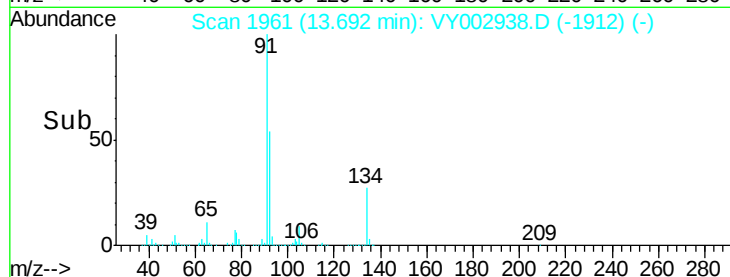
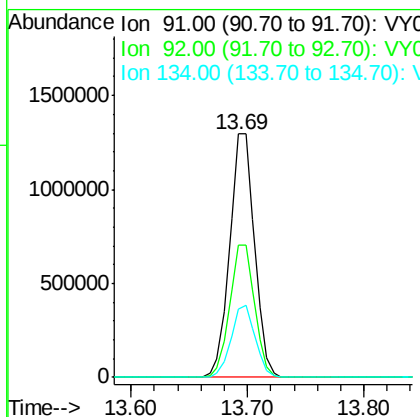
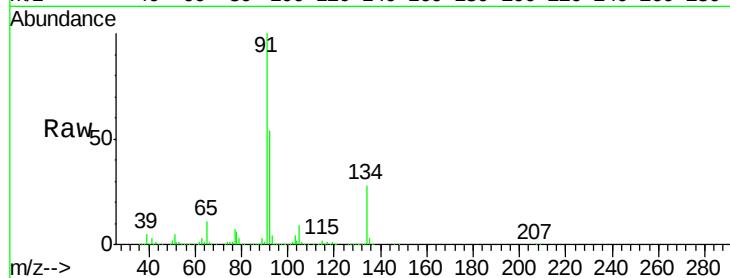




#89
n-Butylbenzene
Concen: 140.166 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

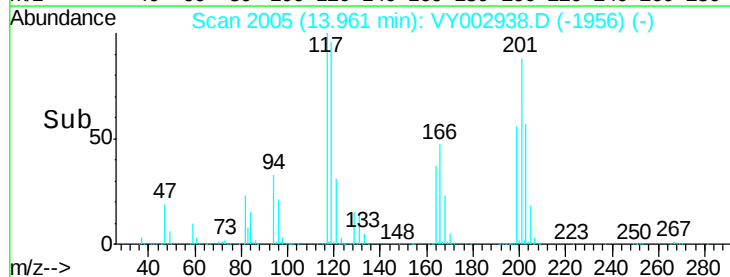
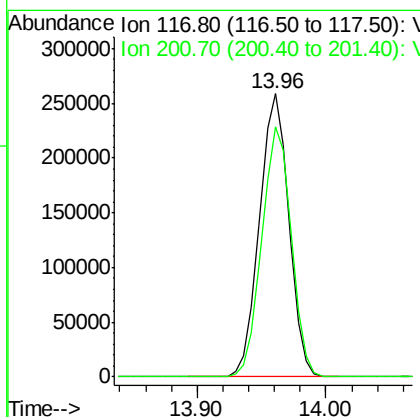
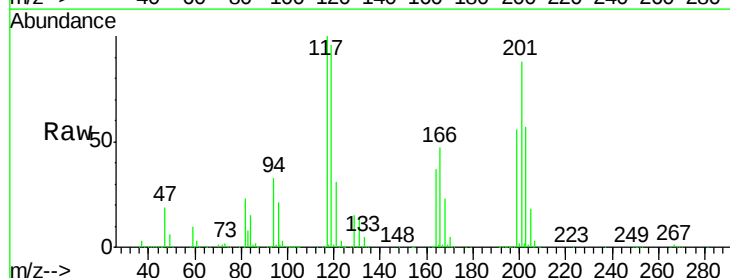
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

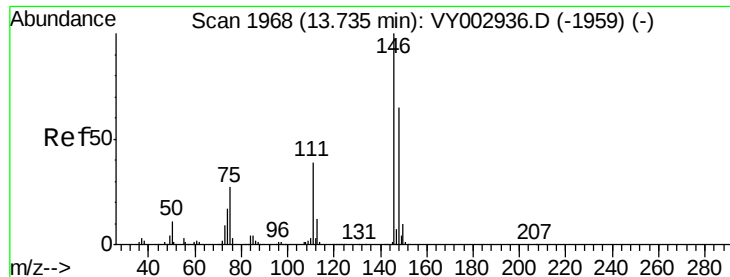
Tgt Ion: 91 Resp: 1921603
Ion Ratio Lower Upper
91 100
92 54.6 27.0 80.8
134 28.9 14.5 43.5



#90
Hexachloroethane
Concen: 146.325 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 117 Resp: 408671
Ion Ratio Lower Upper
117 100
201 88.8 45.1 135.5





#91

1,2-Dichlorobenzene

Concen: 140.824 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

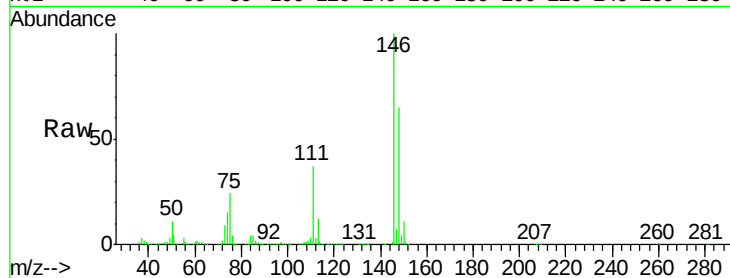
Tgt Ion:146 Resp: 1008820

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.9

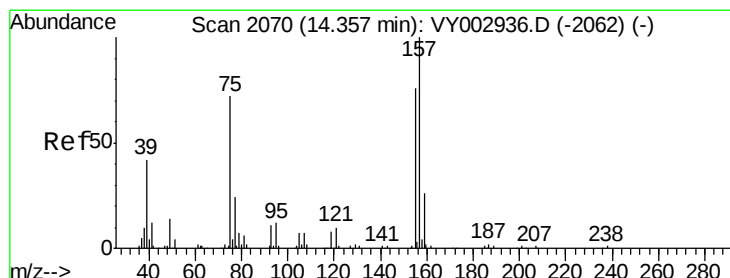
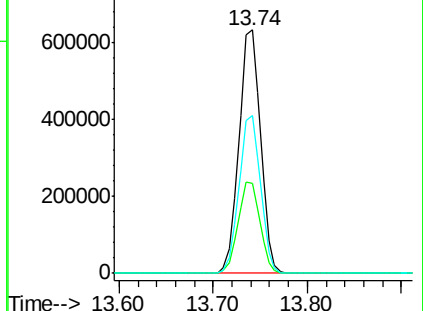
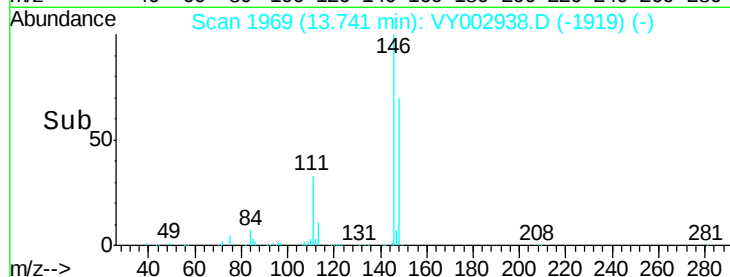
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 147.163 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

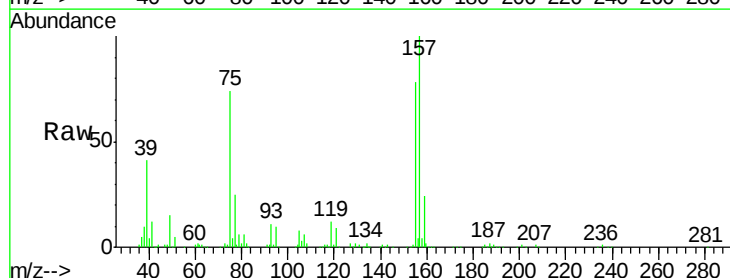
Tgt Ion: 75 Resp: 80562

Ion Ratio Lower Upper

75 100

155 106.5 53.1 159.4

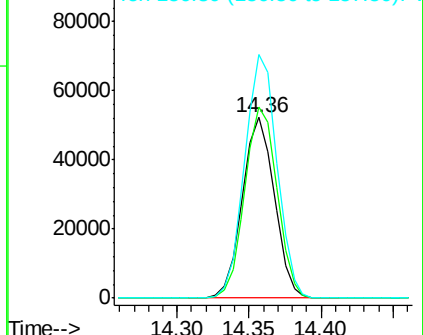
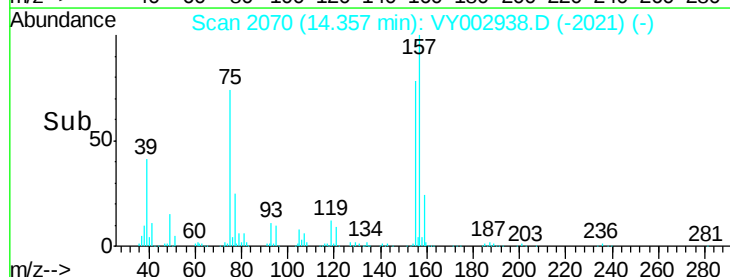
157 135.7 69.0 206.9

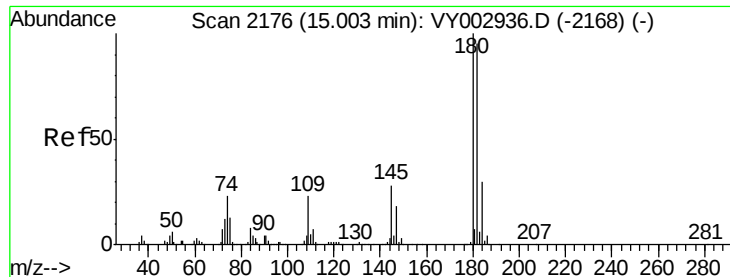


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

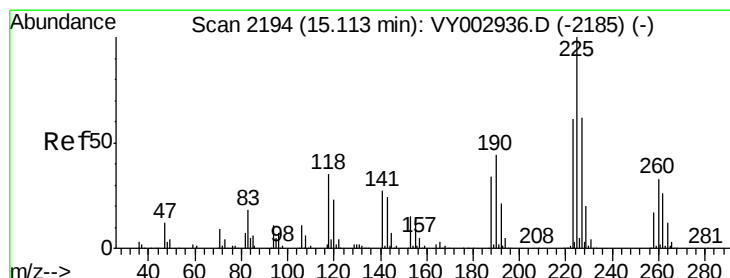
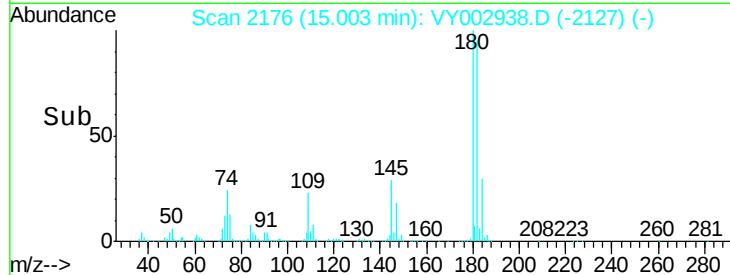
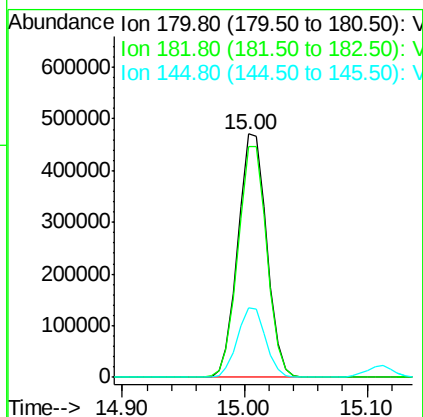
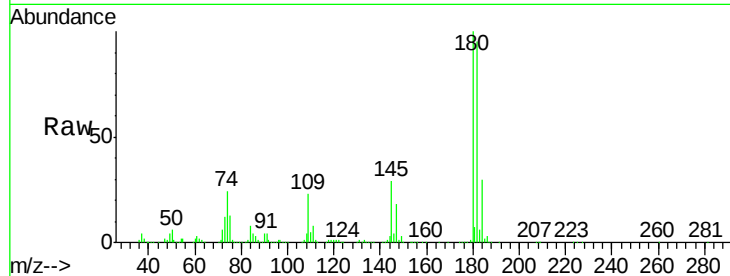




#93
 1,2,4-Trichlorobenzene
 Concen: 142.375 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

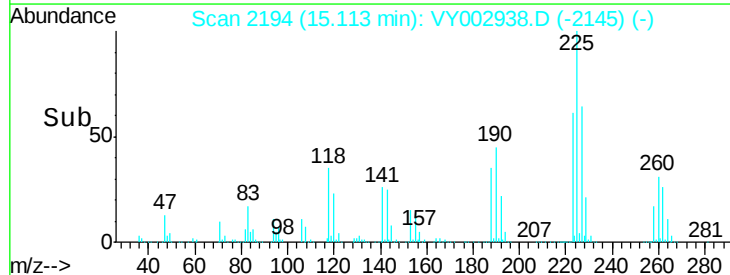
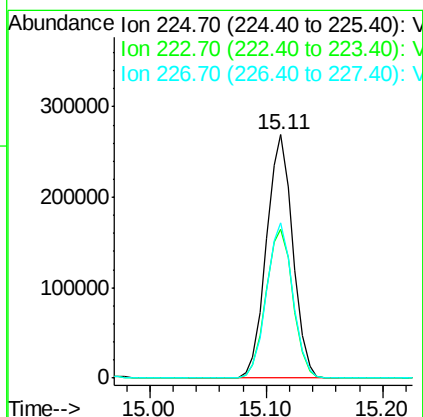
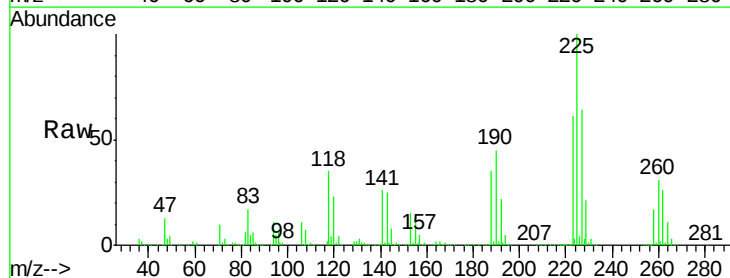
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

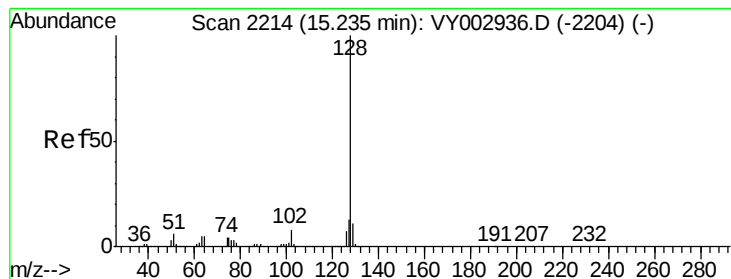
Tgt Ion:180 Resp: 764235
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.6
 145 28.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 134.826 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion:225 Resp: 423024
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 63.6 31.9 95.7





#95

Naphthalene

Concen: 151.804 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

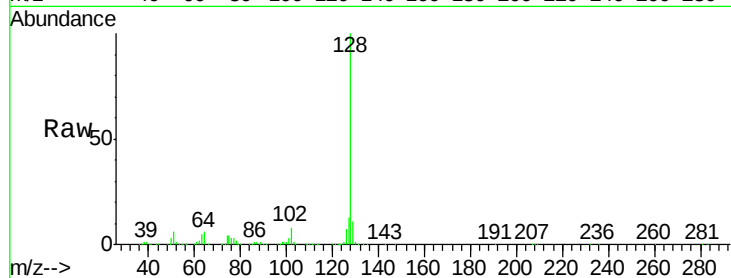
Tgt Ion:128 Resp: 1593101

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

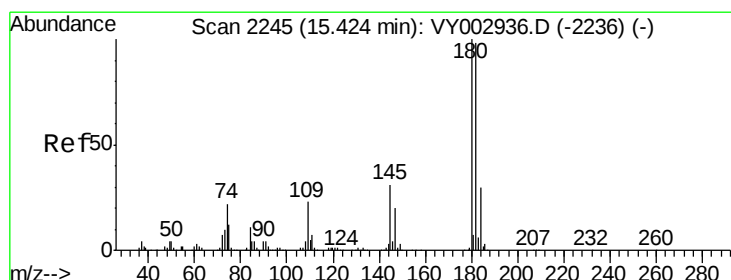
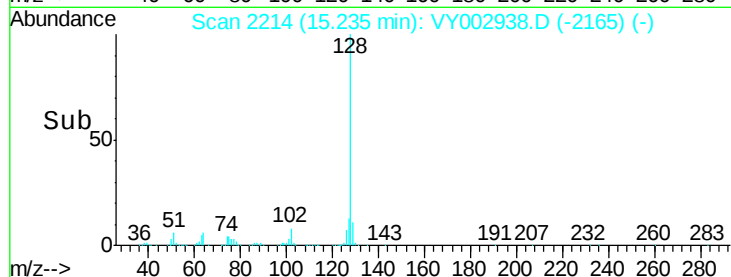
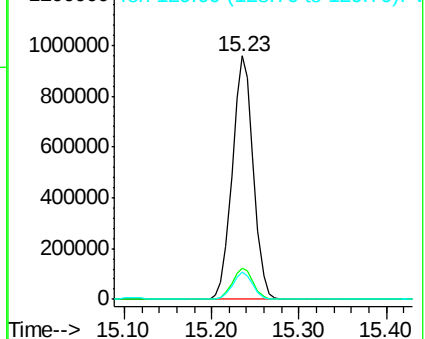
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 142.985 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

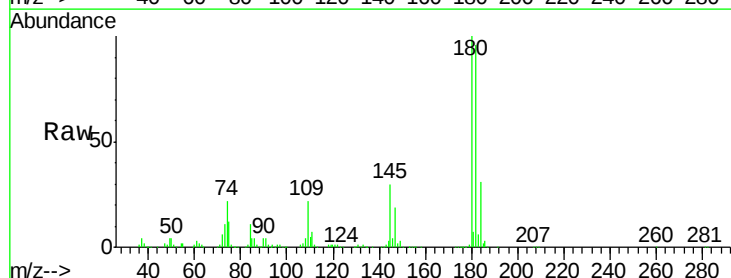
Tgt Ion:180 Resp: 683823

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.3

145 30.4 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

