

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
 Data File : VY002993.D
 Acq On : 25 Jun 2020 12:11
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 25 13:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	505875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	671167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	633655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353846	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	88773	21.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.46%	
35) Dibromofluoromethane	7.72	113	79588	20.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.04%	
50) Toluene-d8	10.18	98	258776	16.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.84%	
62) 4-Bromofluorobenzene	12.48	95	108504	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	57357	18.037	ug/l	99
3) Chloromethane	2.12	50	83474	22.420	ug/l	95
4) Vinyl Chloride	2.26	62	84172	21.275	ug/l	97
5) Bromomethane	2.65	94	63556	21.836	ug/l	95
6) Chloroethane	2.79	64	55746	21.863	ug/l	95
7) Trichlorofluoromethane	3.13	101	162385	22.542	ug/l	96
8) Diethyl Ether	3.54	74	45195	17.991	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	83386	19.578	ug/l	98
10) Methyl Iodide	4.10	142	117783	20.224	ug/l	99
11) Tert butyl alcohol	4.96	59	39589	78.896	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	81599	19.420	ug/l	95
13) Acrolein	3.73	56	41750	99.910	ug/l	99
14) Allyl chloride	4.49	41	130669	21.132	ug/l	98
15) Acrylonitrile	5.18	53	105992	88.247	ug/l	99
16) Acetone	3.95	43	85537	84.150	ug/l	100
17) Carbon Disulfide	4.20	76	252714	20.376	ug/l	100
18) Methyl Acetate	4.48	43	46337	15.357	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	226345	19.778	ug/l	97
20) Methylene Chloride	4.72	84	106264	16.058	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	92811	20.061	ug/l	98
22) Diisopropyl ether	6.13	45	267403	21.536	ug/l	98
23) Vinyl Acetate	6.07	43	874757	108.612	ug/l	99
24) 1,1-Dichloroethane	6.03	63	153663	20.995	ug/l	99
25) 2-Butanone	6.99	43	138740	91.276	ug/l	95
26) 2,2-Dichloropropane	6.99	77	156273	22.533	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	104274	20.235	ug/l	98
28) Bromochloromethane	7.34	49	53120	17.603	ug/l	99
29) Tetrahydrofuran	7.36	42	90976	92.169	ug/l	99
30) Chloroform	7.52	83	165520	21.575	ug/l	97
31) Cyclohexane	7.79	56	146339	20.669	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	159733	22.437	ug/l	99
36) 1,1-Dichloropropene	7.92	75	126346	22.291	ug/l	100
37) Ethyl Acetate	7.08	43	65018	20.536	ug/l	100
38) Carbon Tetrachloride	7.91	117	152194	23.756	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	159647	22.122	ug/l	95
40) Benzene	8.16	78	368192	22.684	ug/l	100
41) Methacrylonitrile	7.35	41	89175	57.948	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	113663	24.455	ug/l	100
43) Isopropyl Acetate	8.28	43	124963	21.945	ug/l	99
44) Trichloroethene	8.94	130	110716	21.799	ug/l	92
45) 1,2-Dichloropropane	9.22	63	84602	21.734	ug/l	98
46) Dibromomethane	9.30	93	50614	21.668	ug/l	95
47) Bromodichloromethane	9.50	83	119527	21.669	ug/l	96
48) Methyl methacrylate	9.30	41	58150	22.595	ug/l	99
49) 1,4-Dioxane	9.30	88	11392	343.613	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	261997	83.774	ug/l	100
52) Toluene	10.24	92	197479	18.189	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	117198	18.905	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	127592	18.321	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	67472	18.966	ug/l	97
56) Ethyl methacrylate	10.51	69	85874	17.702	ug/l	98
57) 1,3-Dichloropropane	10.79	76	120927	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	177066	75.151	ug/l	98
59) 2-Hexanone	10.83	43	217407	99.630	ug/l	100
60) Dibromochloromethane	10.99	129	100111	21.673	ug/l	99
61) 1,2-Dibromoethane	11.09	107	70790	20.047	ug/l	97
64) Tetrachloroethene	10.72	164	125624	23.414	ug/l	92
65) Chlorobenzene	11.52	112	260569	21.560	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	105242	22.851	ug/l	99
67) Ethyl Benzene	11.59	91	460965	22.131	ug/l	99
68) m/p-Xylenes	11.70	106	352628	43.673	ug/l	100
69) o-Xylene	12.03	106	164742	21.640	ug/l	99
70) Styrene	12.04	104	286162	21.761	ug/l	100
71) Bromoform	12.20	173	70359	22.510	ug/l #	99
73) Isopropylbenzene	12.33	105	457284	21.224	ug/l	99
74) N-amyl acetate	12.14	43	115667	20.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	74945	18.772	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	110291	36.022	ug/l #	100
77) Bromobenzene	12.61	156	123251	21.560	ug/l	98
78) n-propylbenzene	12.67	91	535398	21.431	ug/l	99
79) 2-Chlorotoluene	12.75	91	300641	21.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	414474	22.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29403	18.589	ug/l	96
82) 4-Chlorotoluene	12.85	91	320366	21.742	ug/l	100
83) tert-Butylbenzene	13.08	119	353127	21.681	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	396553	21.794	ug/l	100
85) sec-Butylbenzene	13.25	105	459691	21.069	ug/l	100
86) p-Isopropyltoluene	13.37	119	452645	22.009	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	238263	22.292	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	236453	21.963	ug/l	99
89) n-Butylbenzene	13.70	91	395347	21.190	ug/l	99
90) Hexachloroethane	13.96	117	83103	21.766	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	211980	21.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13514	18.397	ug/l	99

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QLast Update : Thu Jun 25 12:59:58 2020
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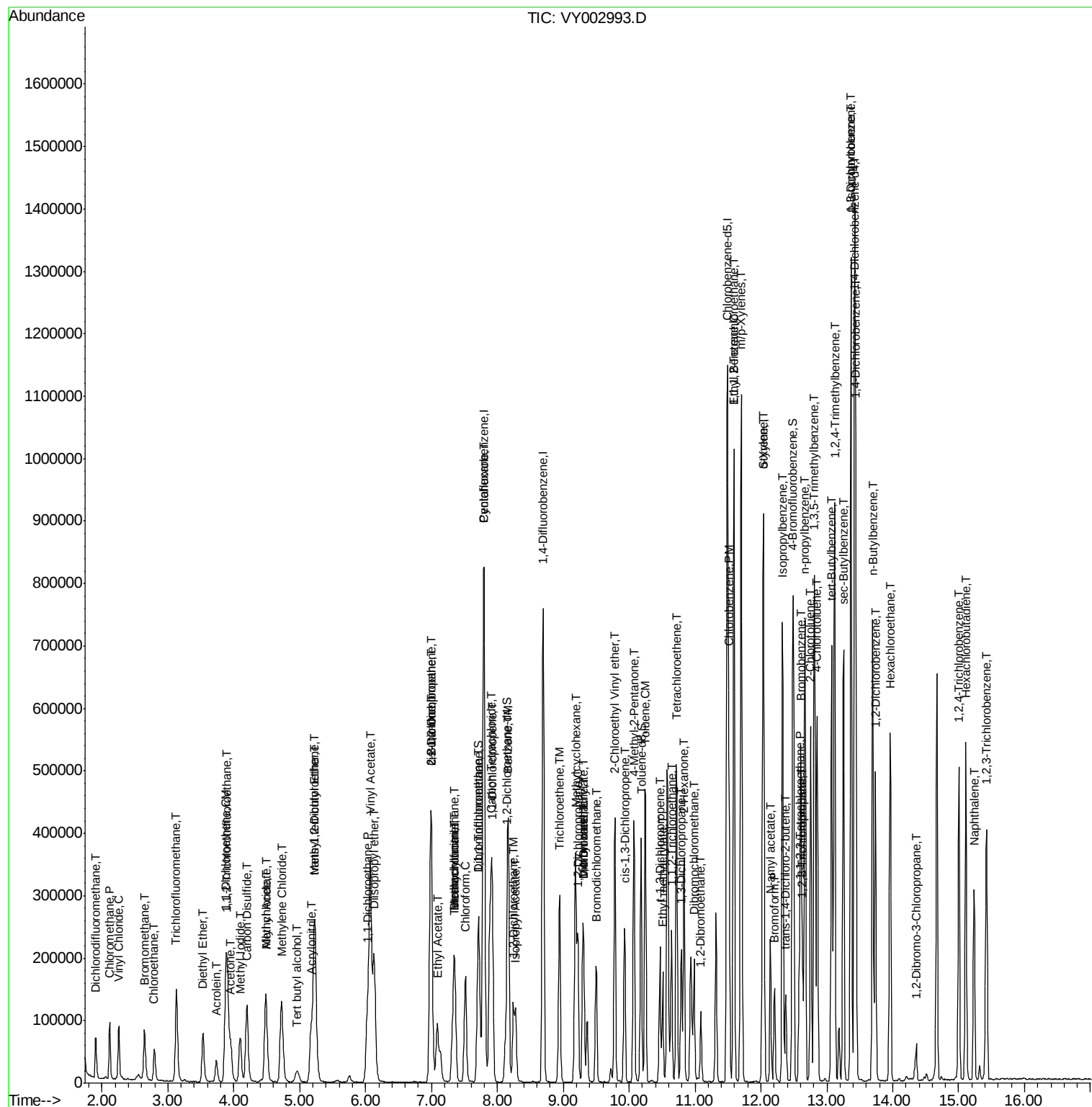
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	167804	23.190	ug/l	99
94) Hexachlorobutadiene	15.11	225	116088	26.861	ug/l	98
95) Naphthalene	15.23	128	259775	18.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	143351	22.095	ug/l	98

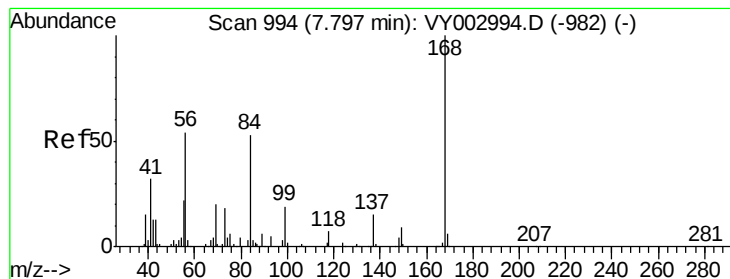
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

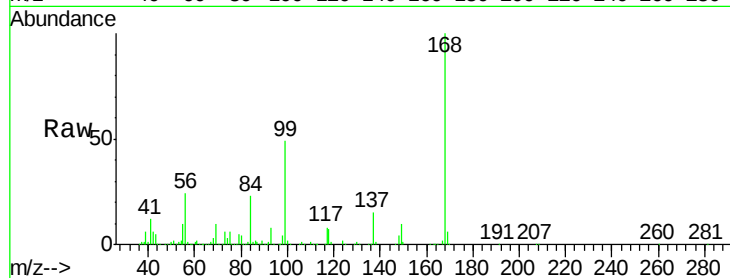
VSTDIC020

Tgt Ion:168 Resp: 505875

Ion Ratio Lower Upper

168 100

99 49.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VY002993.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002993.D (-945) (-)

7.80

250000

200000

150000

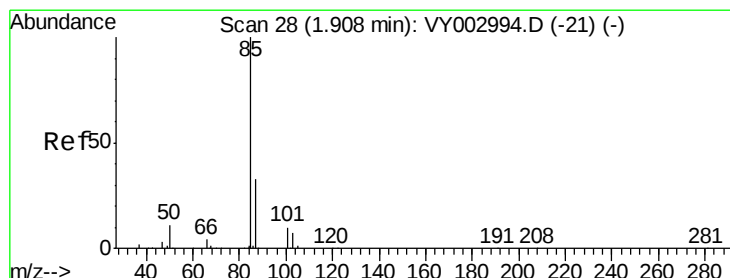
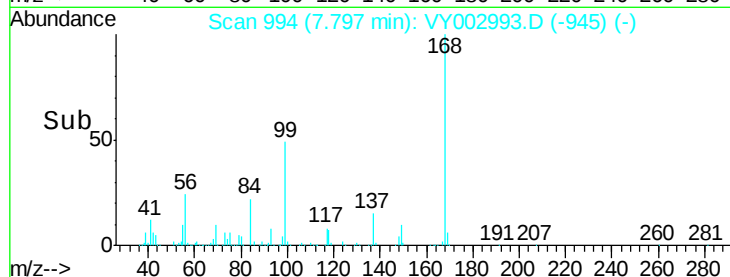
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.037 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002993.D

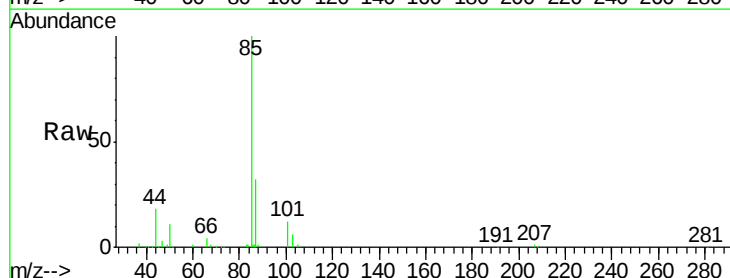
Acq: 25 Jun 2020 12:11

Tgt Ion: 85 Resp: 57357

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002993.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002993.D (-1) (-)

1.90

40000

30000

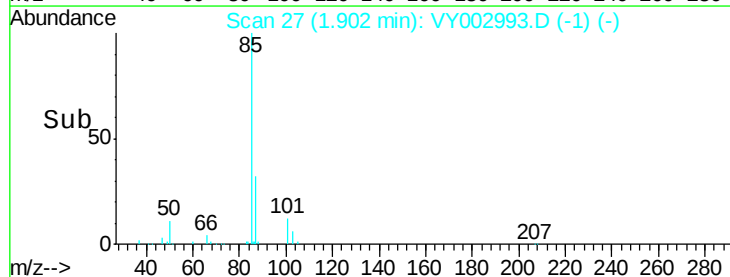
20000

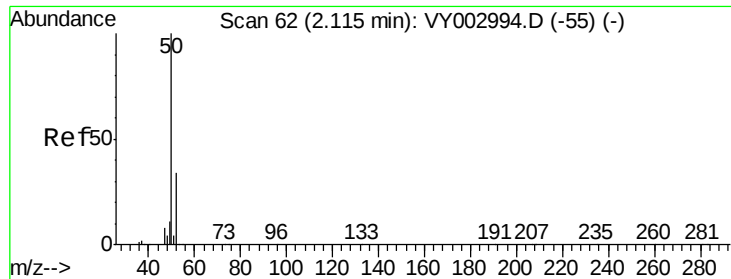
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.420 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

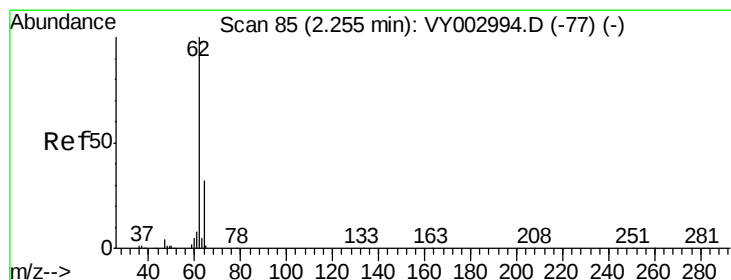
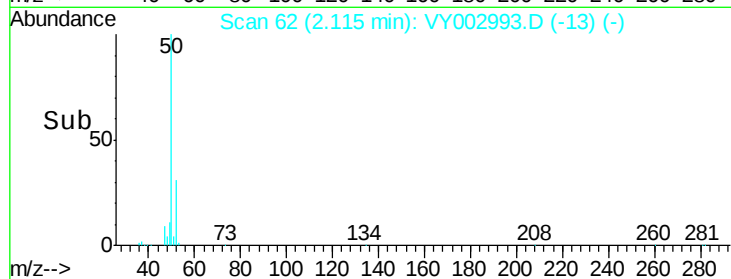
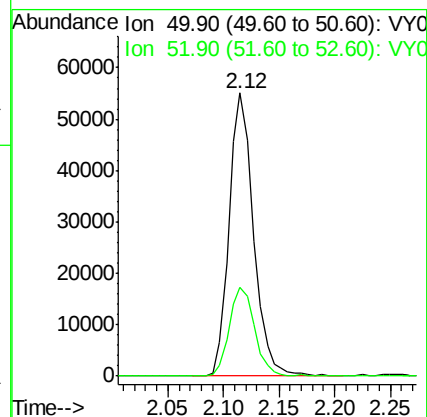
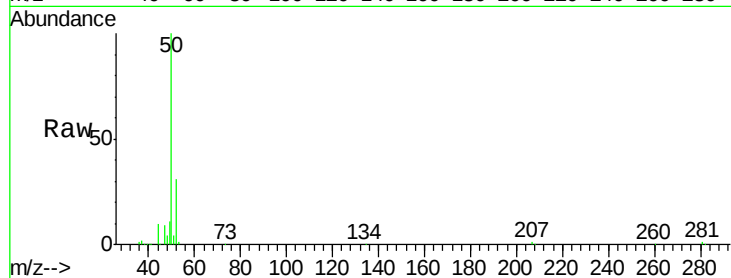
VSTDIC020

Tgt Ion: 50 Resp: 83474

Ion Ratio Lower Upper

50 100

52 31.2 27.1 40.7



#4

Vinyl Chloride

Concen: 21.275 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002993.D

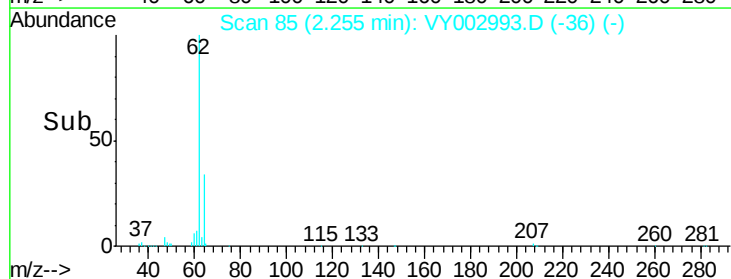
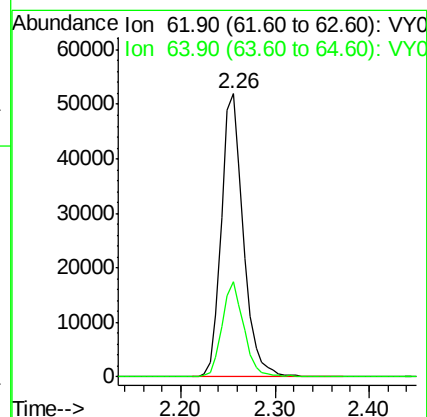
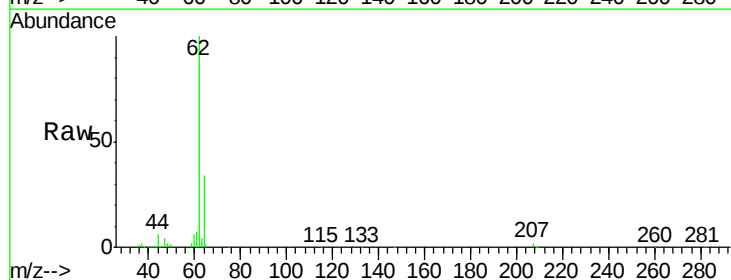
Acq: 25 Jun 2020 12:11

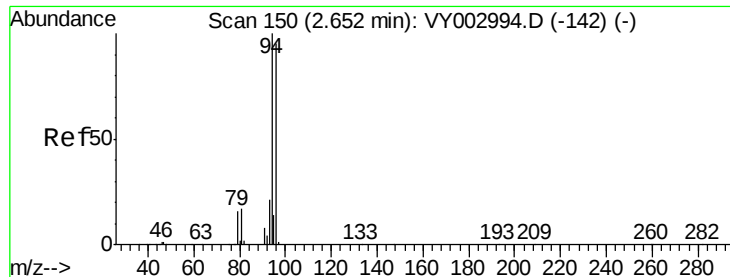
Tgt Ion: 62 Resp: 84172

Ion Ratio Lower Upper

62 100

64 33.7 25.5 38.3





#5

Bromomethane

Concen: 21.836 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

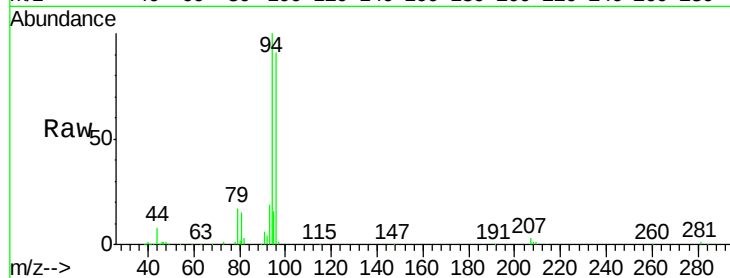
VSTDIC020

Tgt Ion: 94 Resp: 63556

Ion Ratio Lower Upper

94 100

96 90.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

30000

20000

10000

0

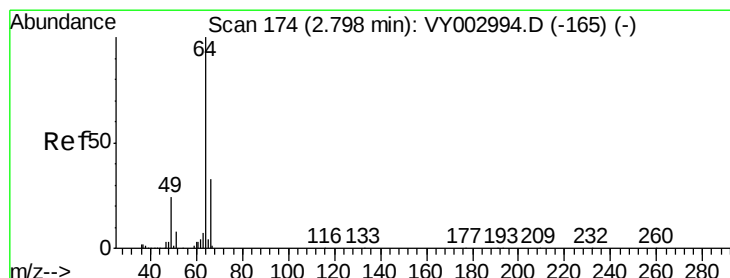
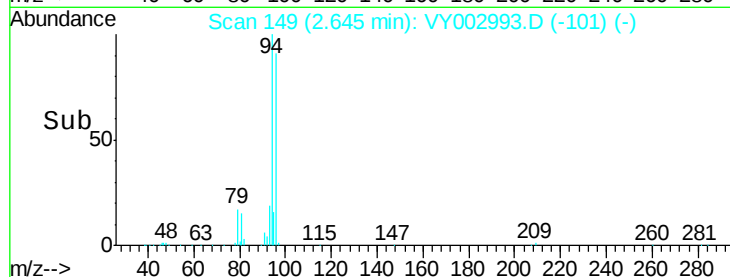
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 21.863 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002993.D

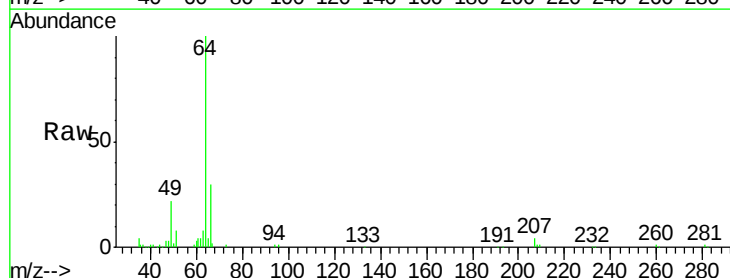
Acq: 25 Jun 2020 12:11

Tgt Ion: 64 Resp: 55746

Ion Ratio Lower Upper

64 100

66 30.3 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

25000

20000

15000

10000

5000

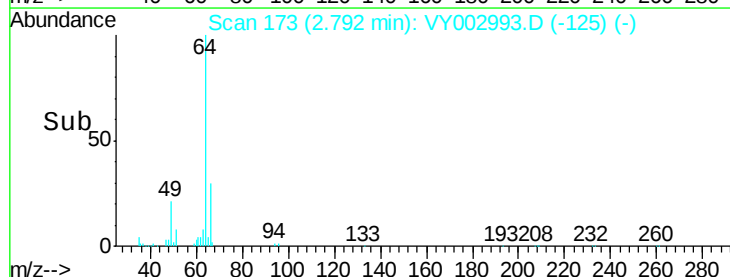
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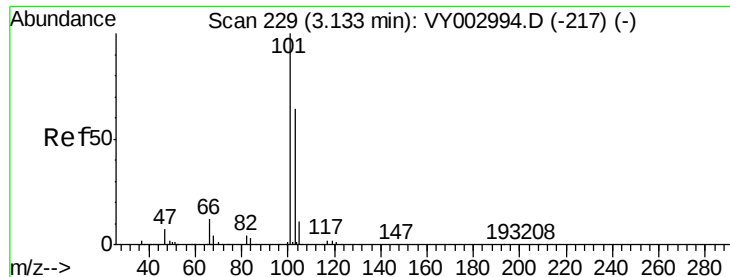
Time-->

2.70

2.80

2.90



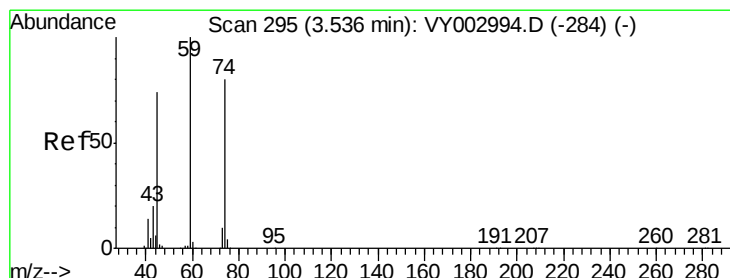
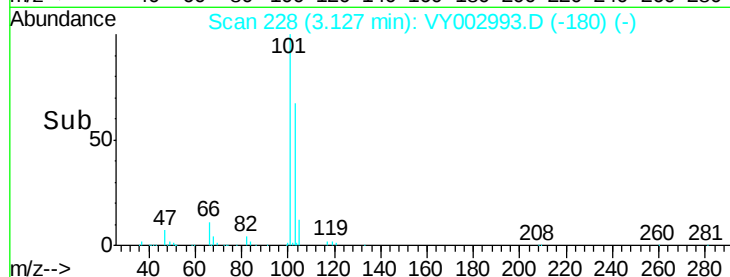
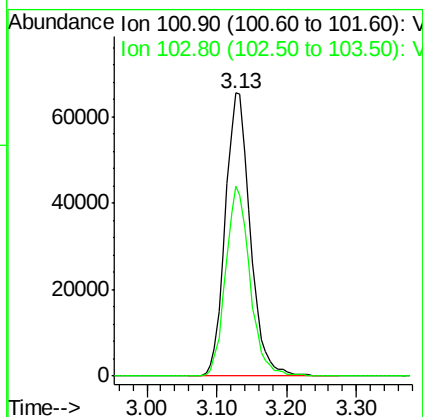
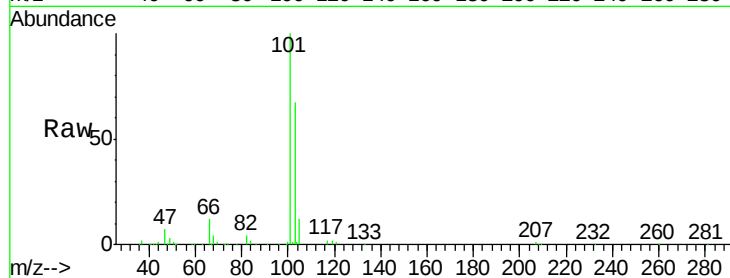


#7

Trichlorofluoromethane
Concen: 22.542 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Instrument :
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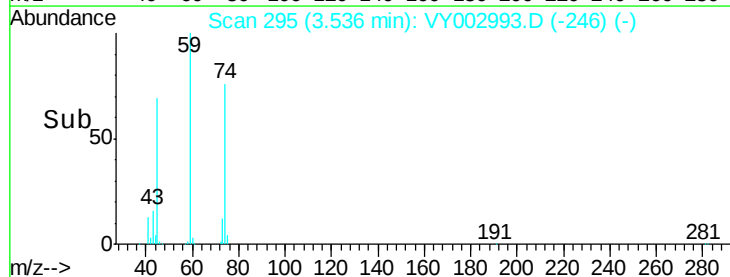
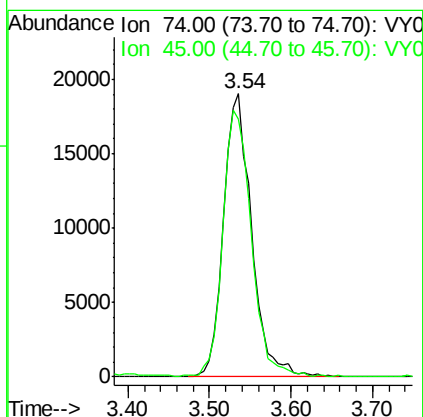
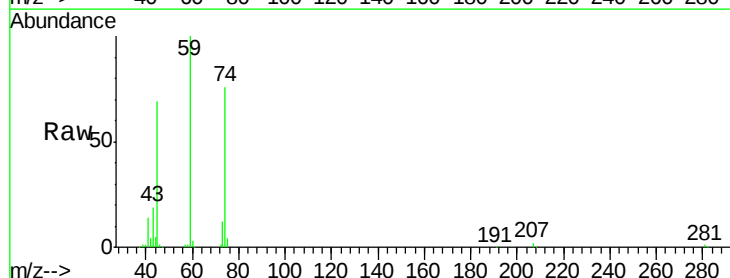
Tgt Ion:101 Resp: 162385
Ion Ratio Lower Upper
101 100
103 67.3 51.3 76.9

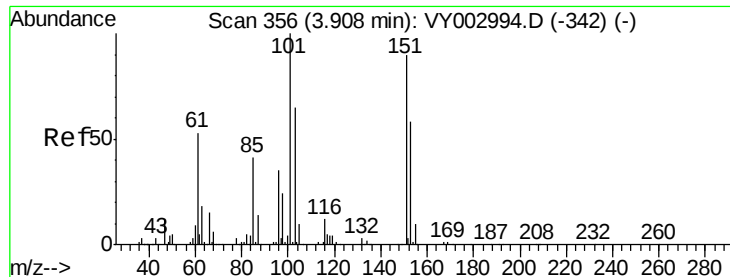


#8

Diethyl Ether
Concen: 17.991 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 74 Resp: 45195
Ion Ratio Lower Upper
74 100
45 96.1 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.578 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

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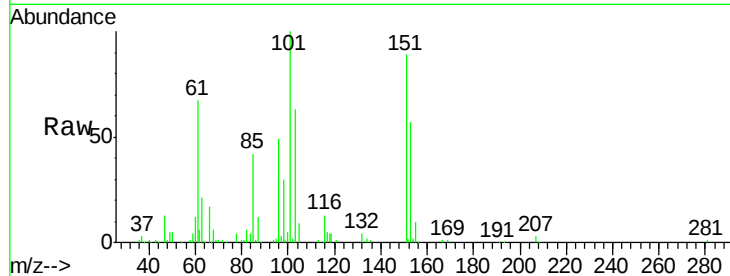
Tgt Ion:101 Resp: 83386

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

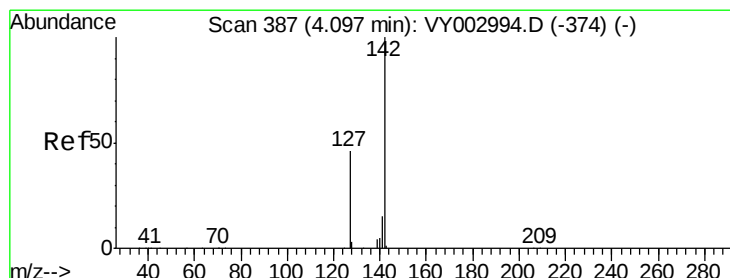
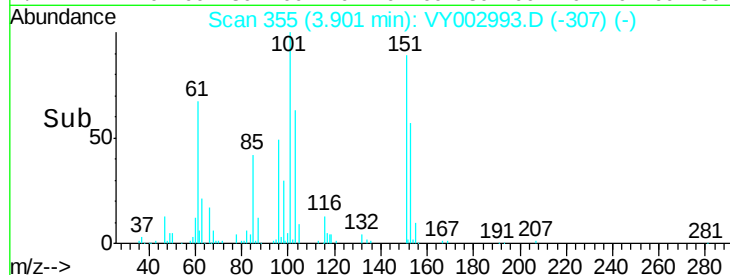
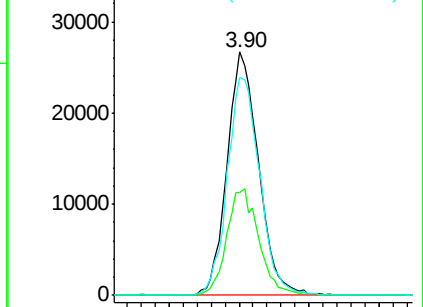
151 92.4 72.2 108.4



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: 20.224 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

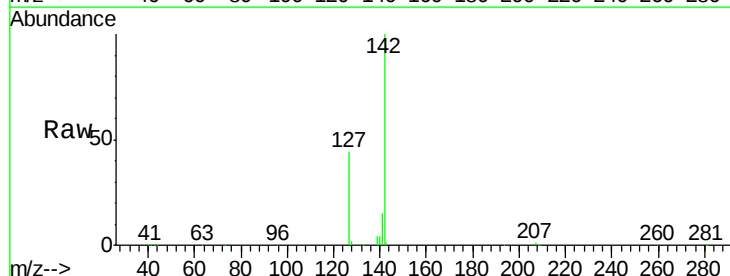
Tgt Ion:142 Resp: 117783

Ion Ratio Lower Upper

142 100

127 45.7 35.8 53.8

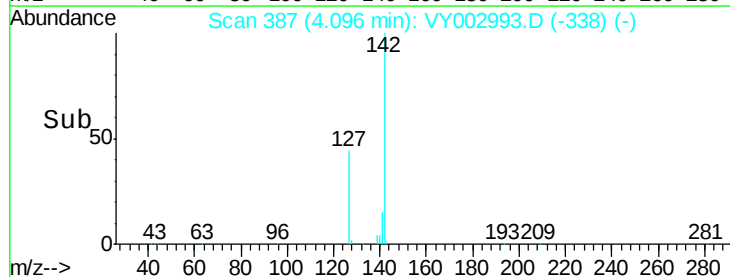
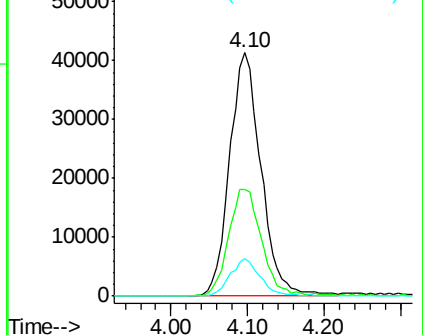
141 14.6 11.7 17.5

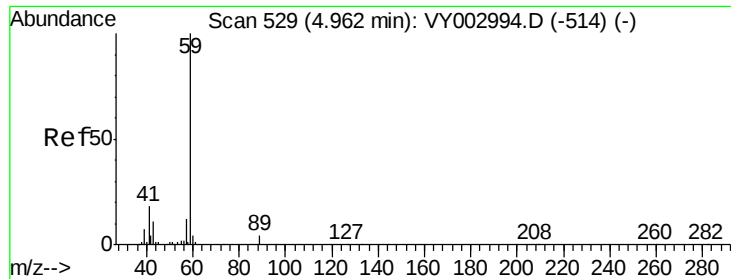


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

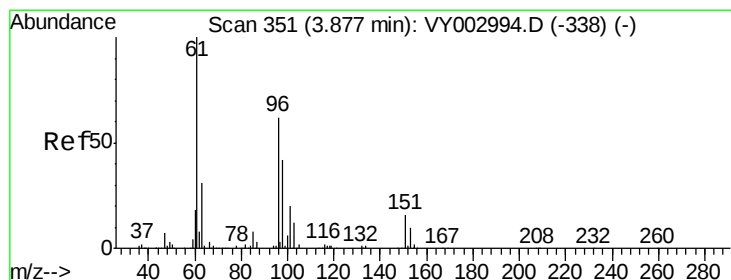
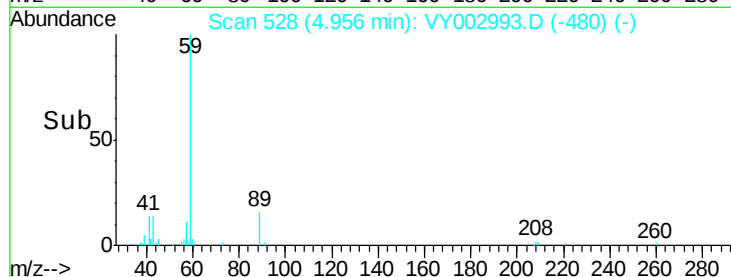
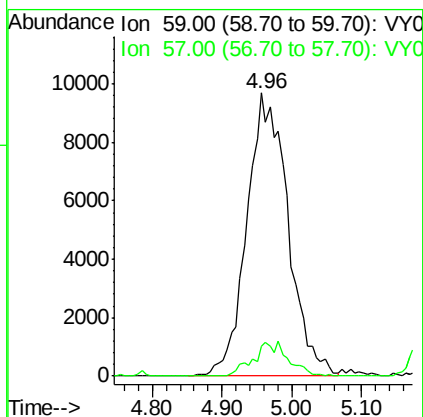
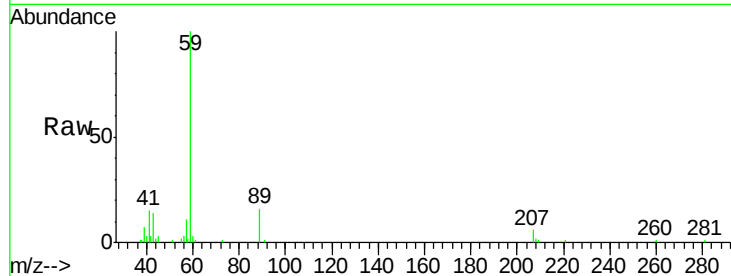




#11
Tert butyl alcohol
Concen: 78.896 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

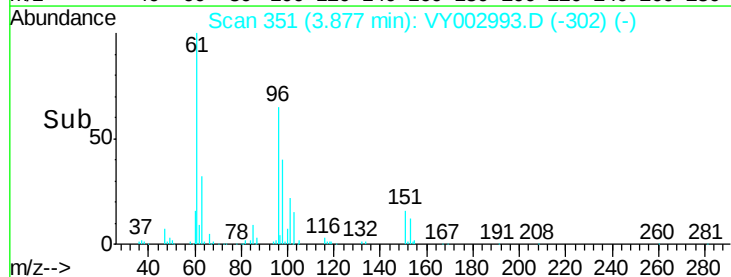
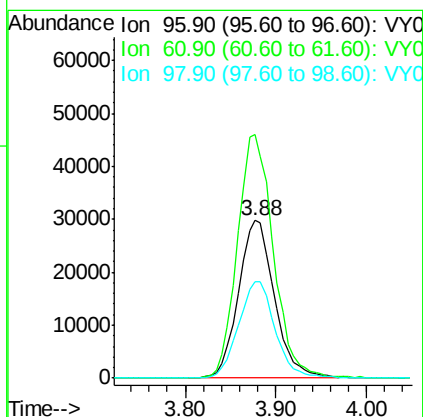
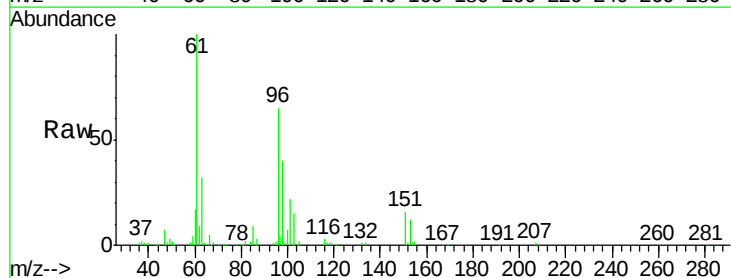
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

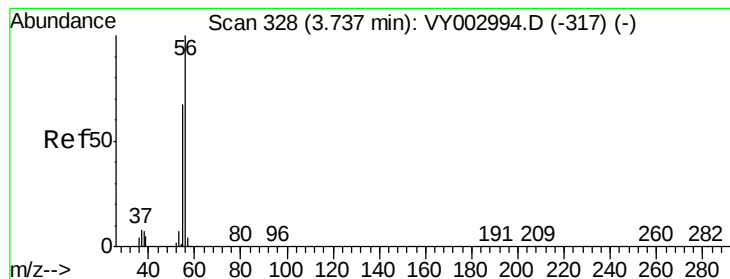
Tgt Ion: 59 Resp: 39589
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 19.420 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 96 Resp: 81599
Ion Ratio Lower Upper
96 100
61 154.8 128.1 192.1
98 61.6 53.5 80.3





#13

Acrolein

Concen: 99.910 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

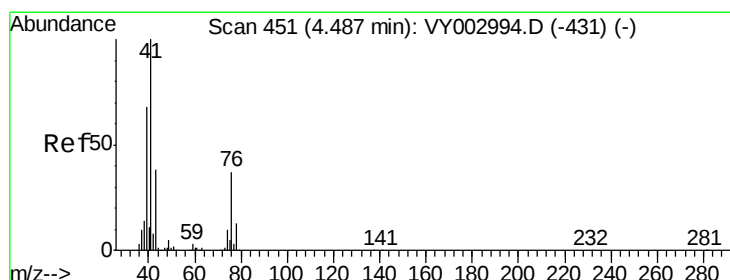
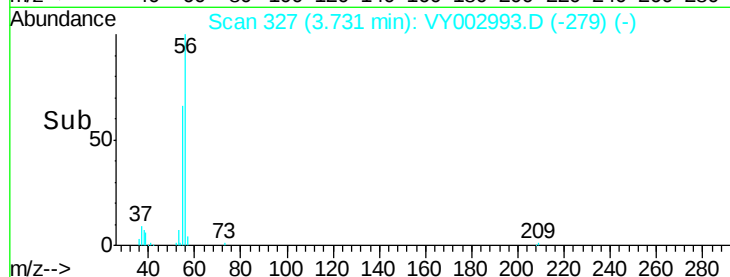
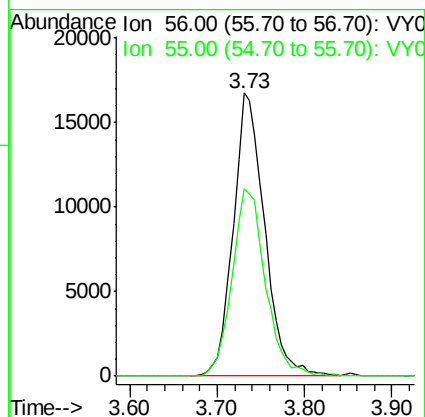
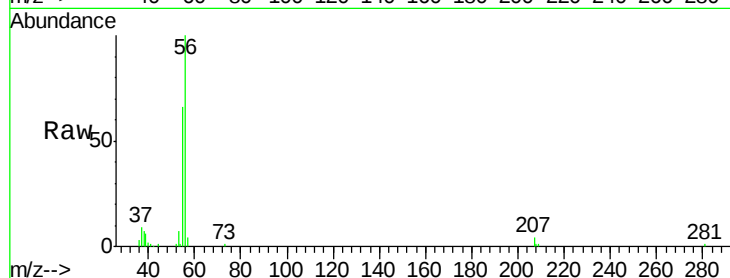
VSTDIC020

Tgt Ion: 56 Resp: 41750

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 21.132 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

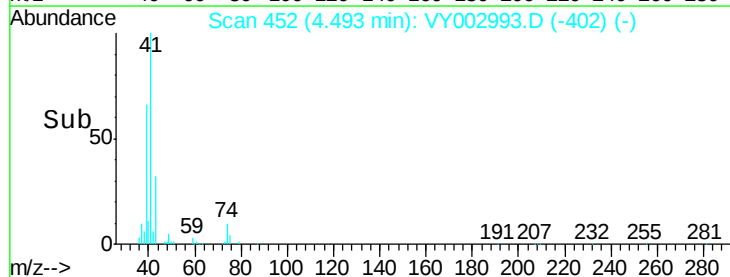
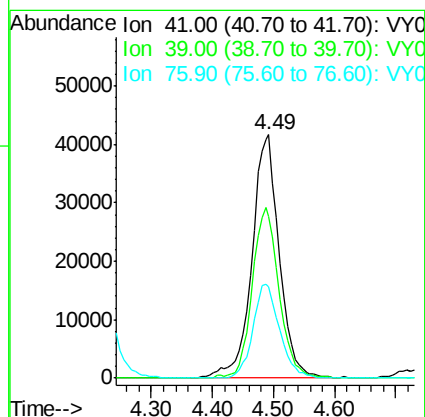
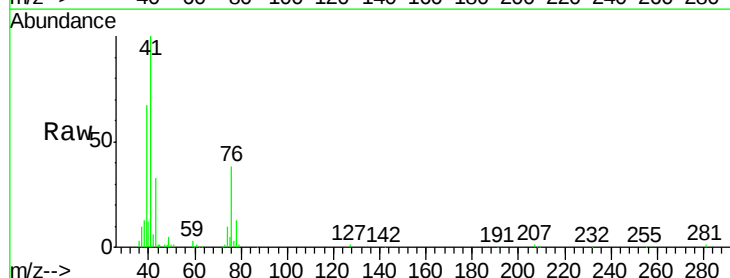
Tgt Ion: 41 Resp: 130669

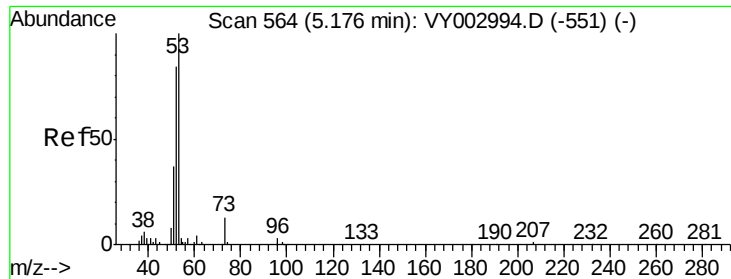
Ion Ratio Lower Upper

41 100

39 68.9 53.1 79.7

76 37.6 30.0 45.0





#15

Acrylonitrile

Concen: 88.247 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

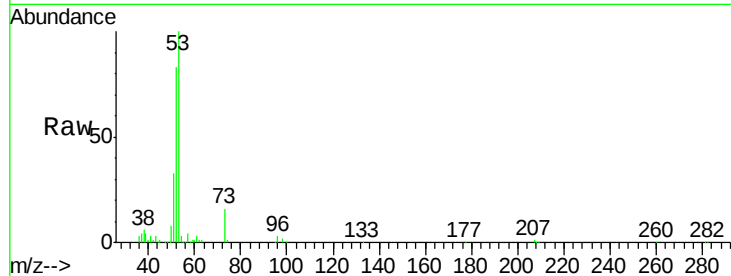
Tgt Ion: 53 Resp: 105992

Ion Ratio Lower Upper

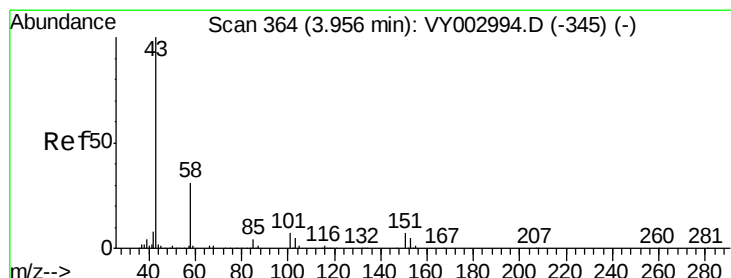
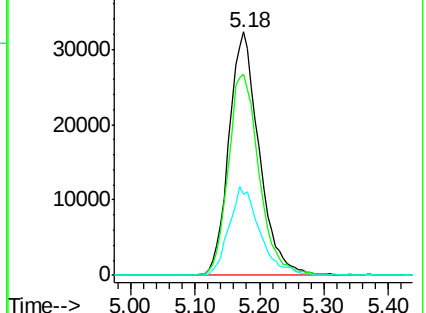
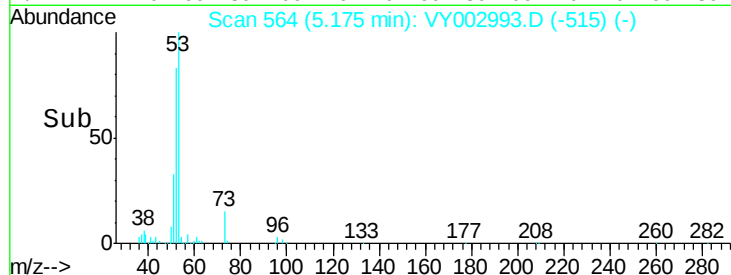
53 100

52 84.3 68.0 102.0

51 37.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VY002993.D (-515) (-)



#16

Acetone

Concen: 84.150 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002993.D

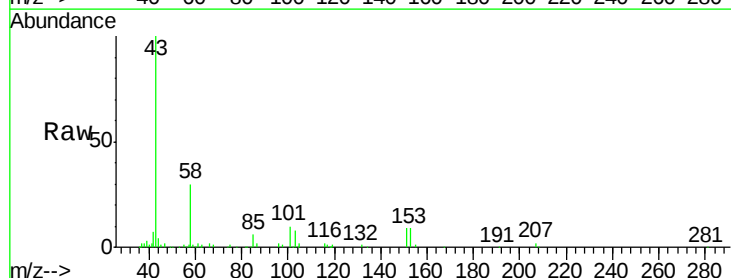
Acq: 25 Jun 2020 12:11

Tgt Ion: 43 Resp: 85537

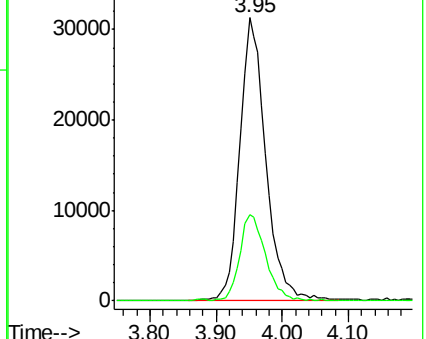
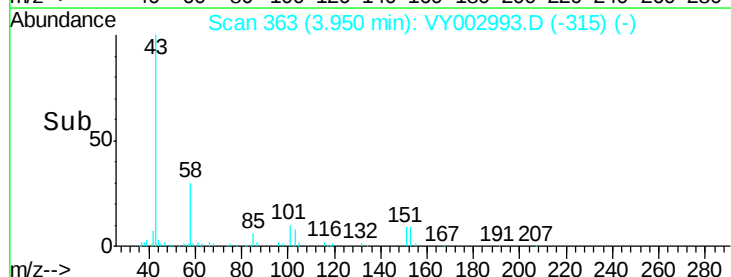
Ion Ratio Lower Upper

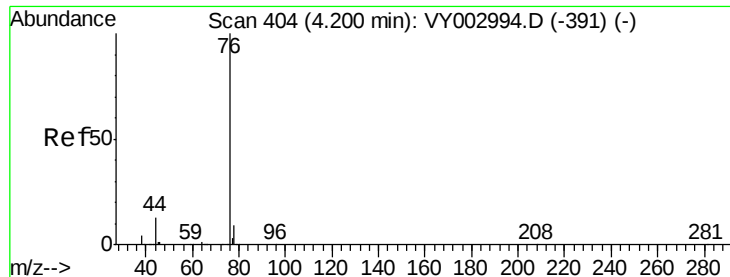
43 100

58 30.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VY002993.D (-315) (-)

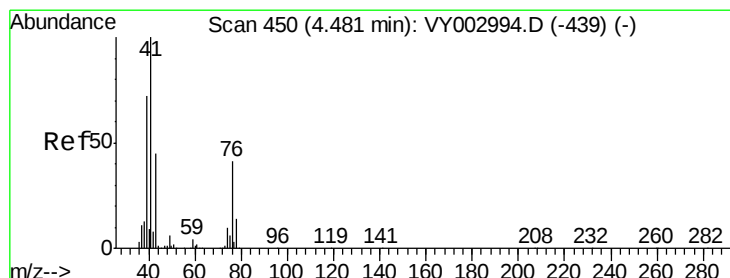
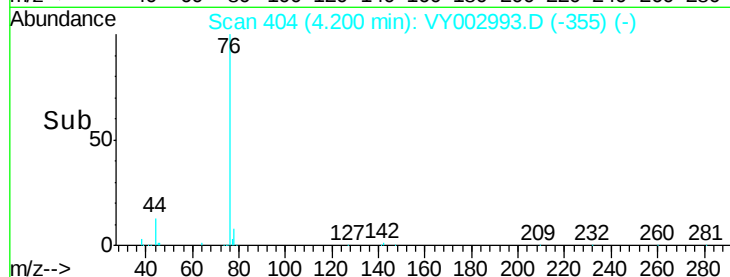
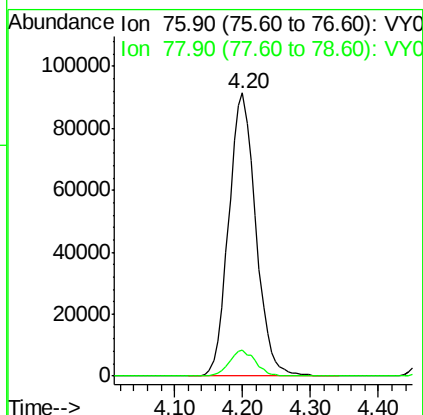
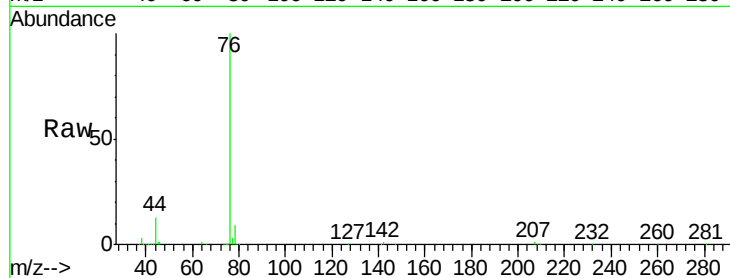




#17
Carbon Disulfide
Concen: 20.376 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

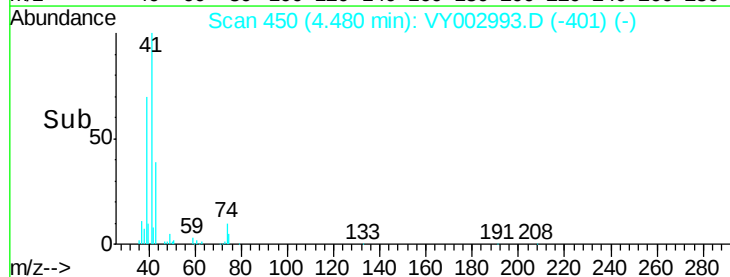
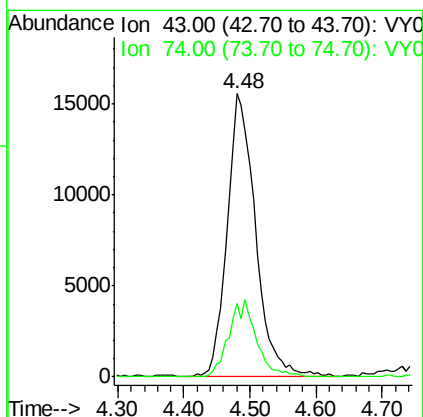
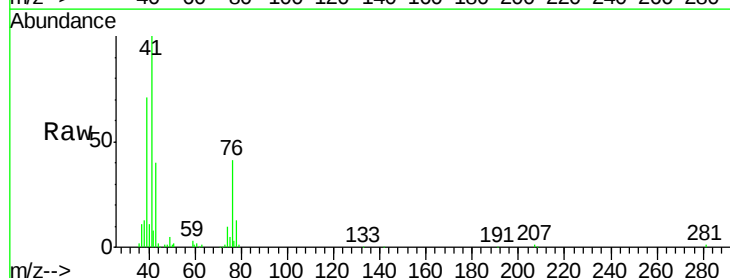
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

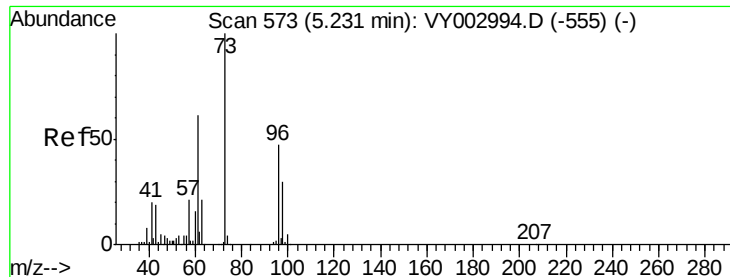
Tgt Ion: 76 Resp: 252714
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 15.357 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 43 Resp: 46337
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.6



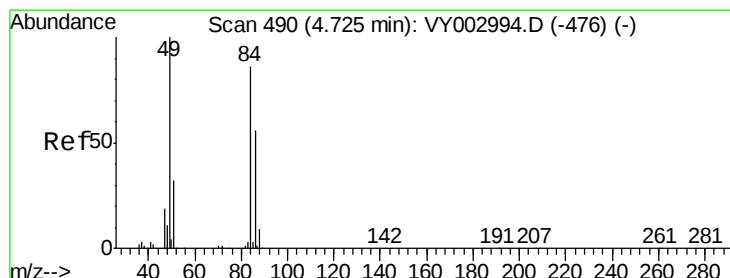
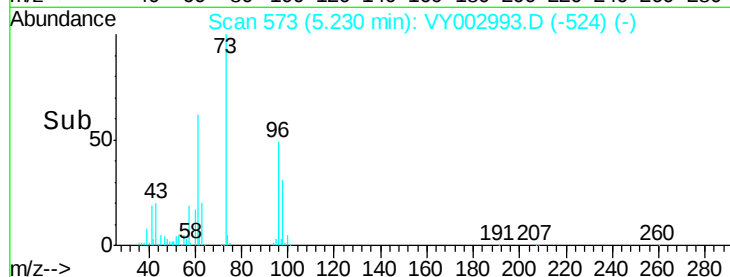
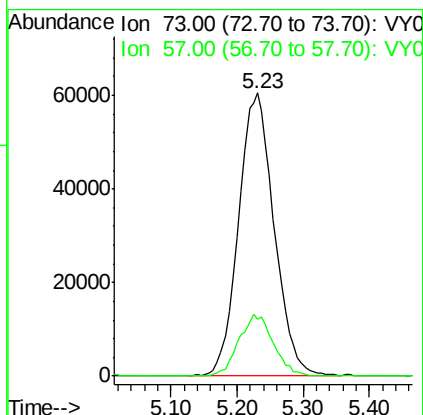
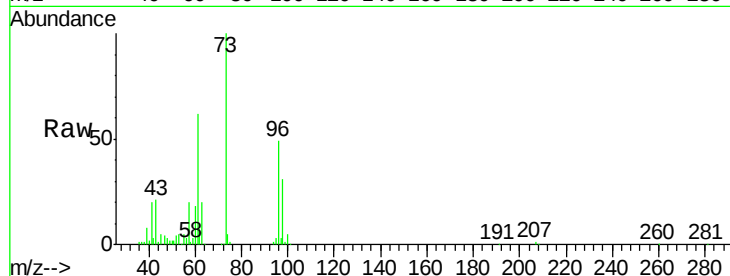


#19

Methyl tert-butyl Ether
 Concen: 19.778 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

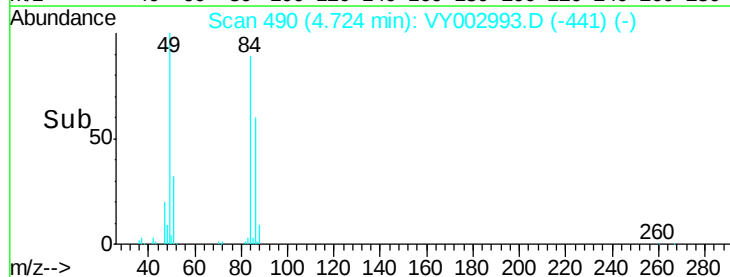
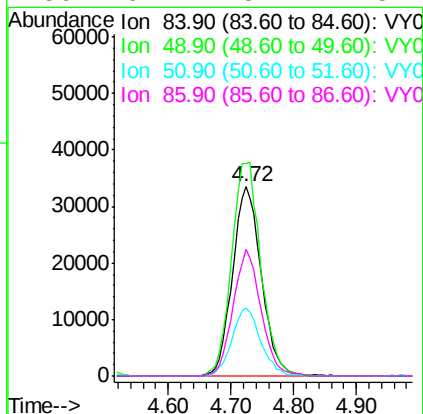
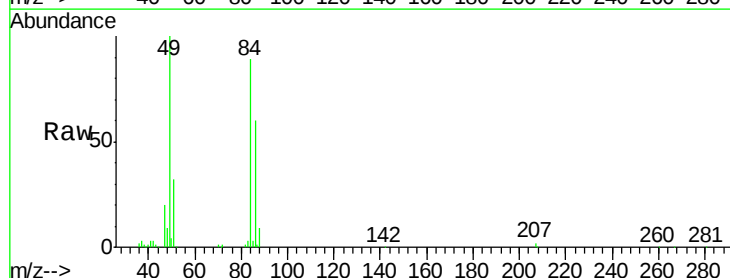
Tgt Ion: 73 Resp: 226345
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.0 25.4

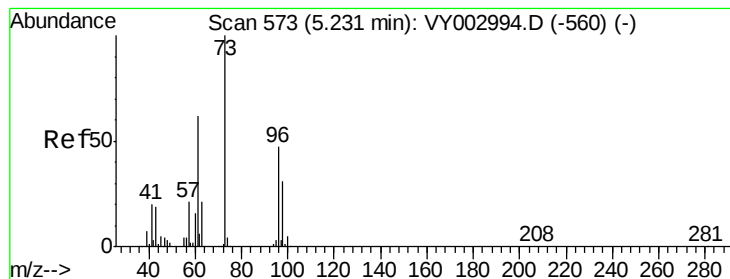


#20

Methylene Chloride
 Concen: 16.058 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 84 Resp: 106264
 Ion Ratio Lower Upper
 84 100
 49 112.1 92.6 138.8
 51 35.8 29.8 44.8
 86 67.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.061 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

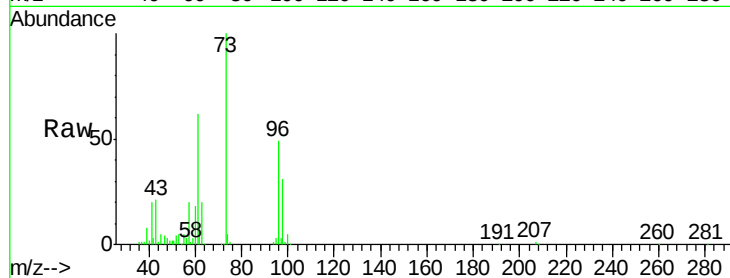
Tgt Ion: 96 Resp: 92811

Ion Ratio Lower Upper

96 100

61 127.7 104.0 156.0

98 63.3 51.6 77.4

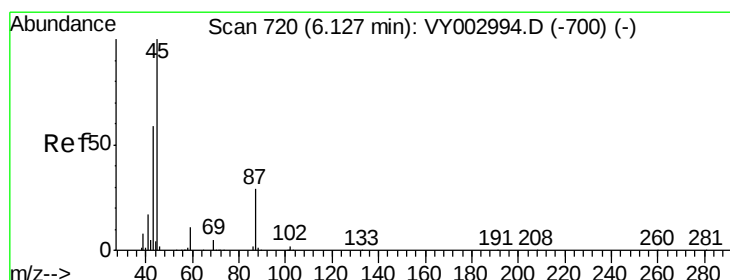
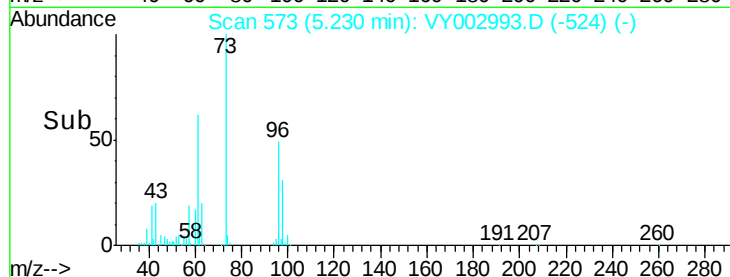
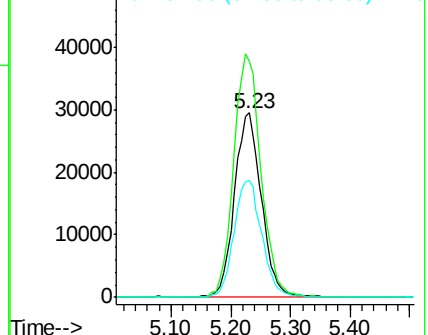


Abundance

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: 21.536 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Tgt Ion: 45 Resp: 267403

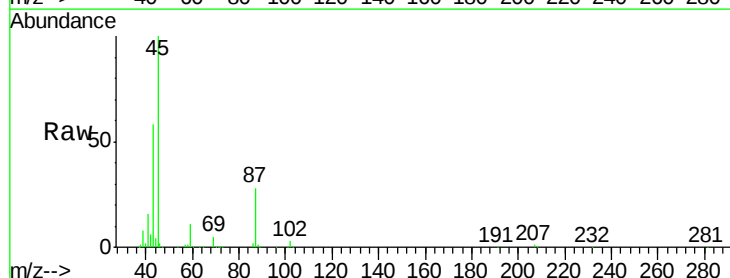
Ion Ratio Lower Upper

45 100

43 57.7 47.5 71.3

87 27.9 23.3 34.9

59 10.9 8.9 13.3



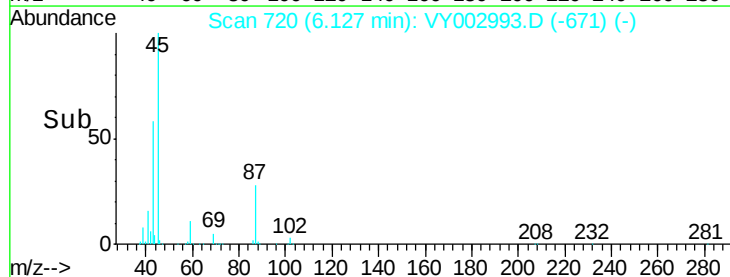
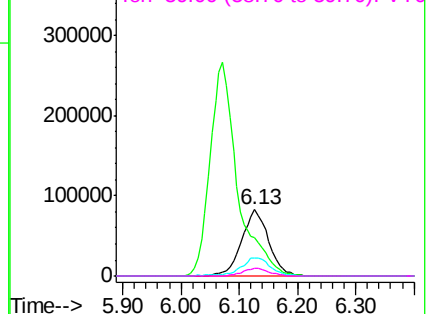
Abundance

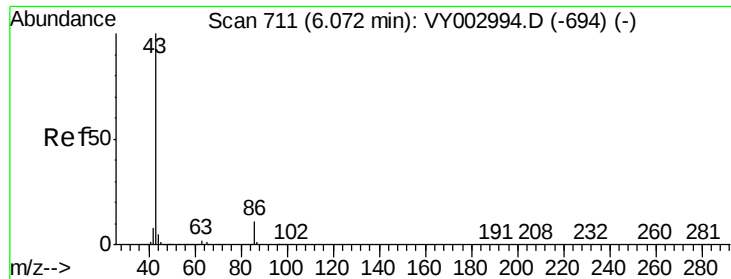
Ion 45.00 (44.70 to 45.70): VY0

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

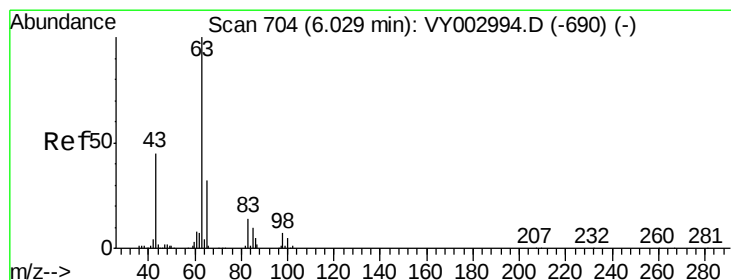
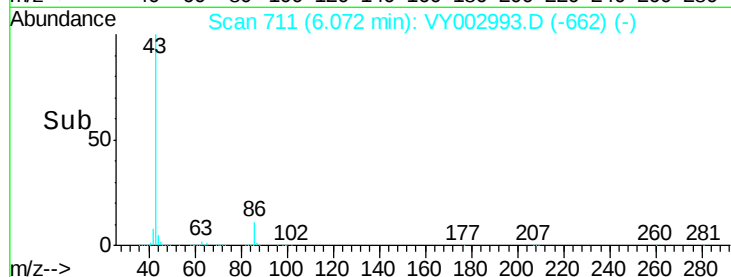
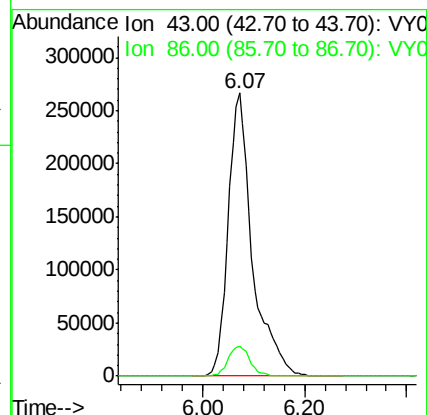
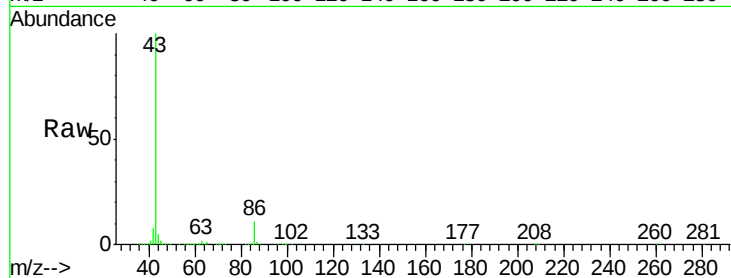




#23
 Vinyl Acetate
 Concen: 108.612 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

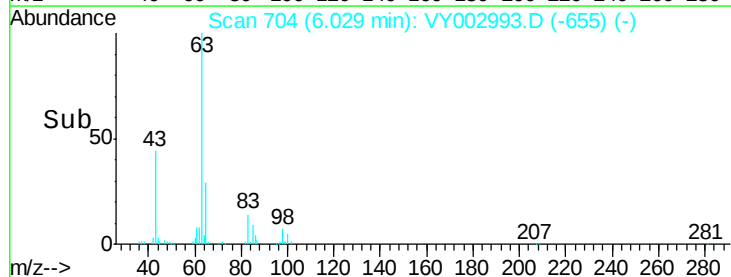
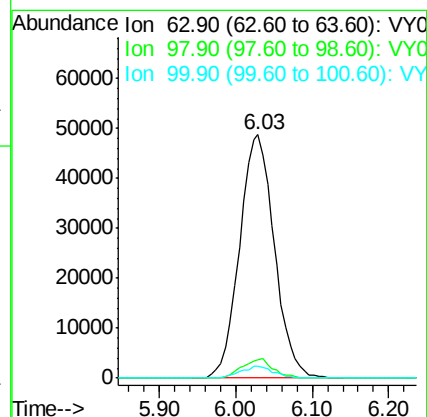
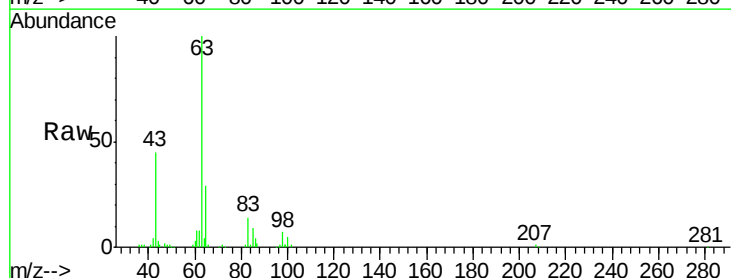
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

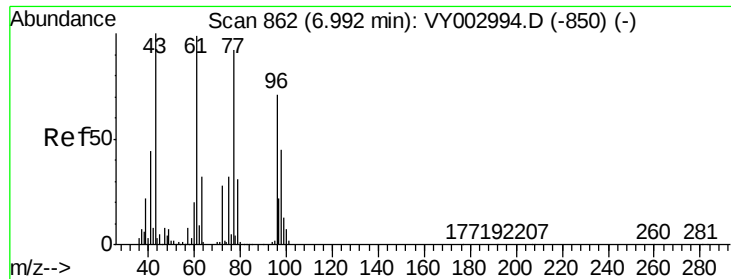
Tgt Ion: 43 Resp: 874757
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.995 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 63 Resp: 153663
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.8 2.4 7.1

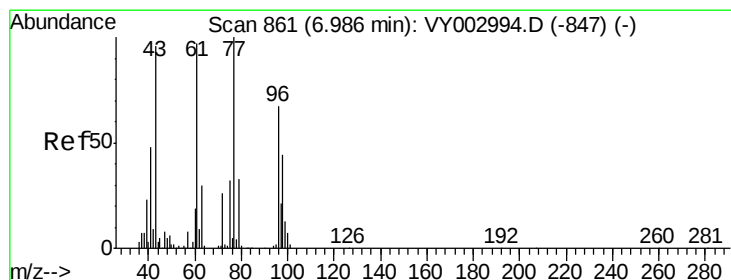
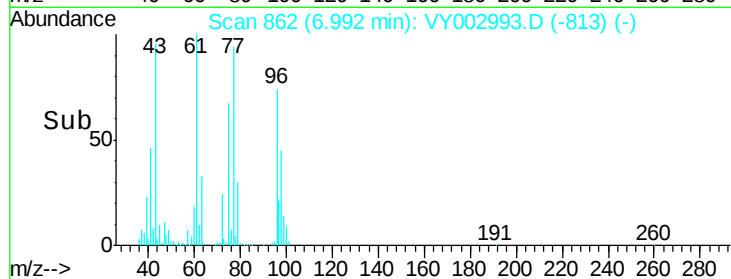
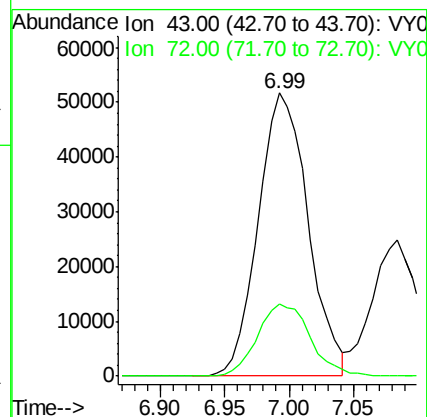
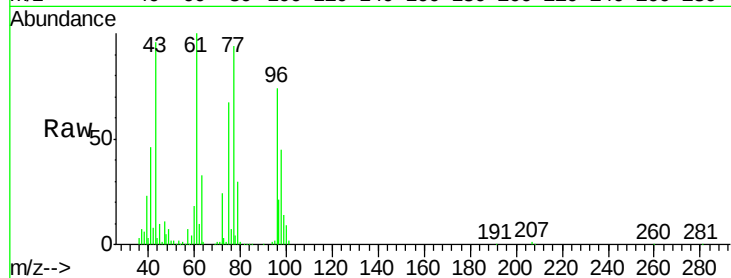




#25
2-Butanone
Concen: 91.276 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

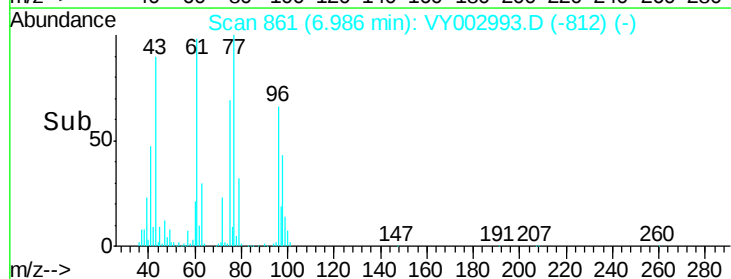
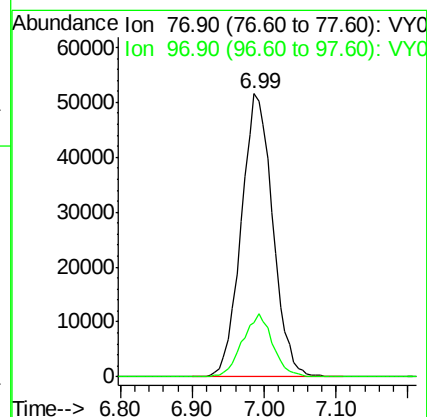
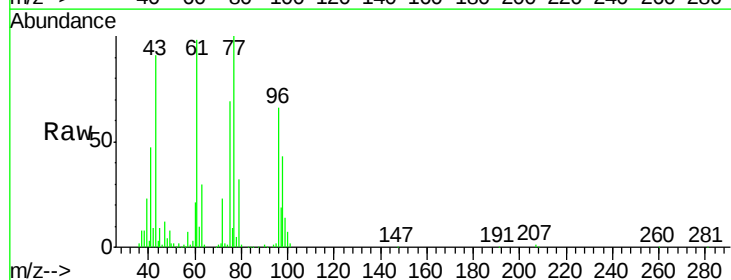
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

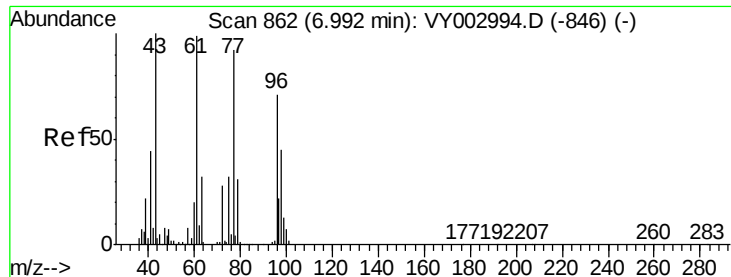
Tgt Ion: 43 Resp: 138740
Ion Ratio Lower Upper
43 100
72 25.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 22.533 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 77 Resp: 156273
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.3



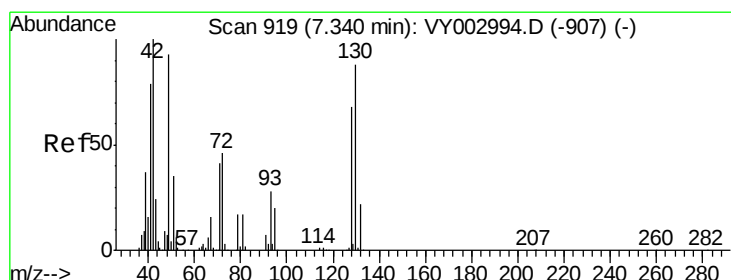
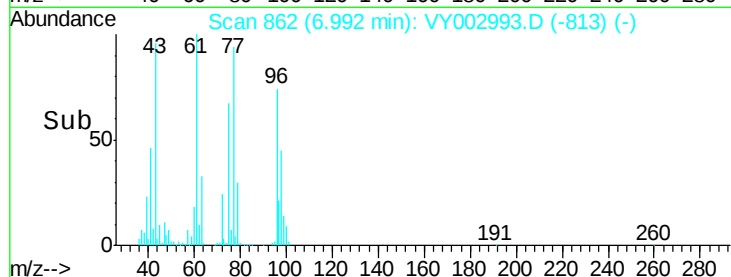
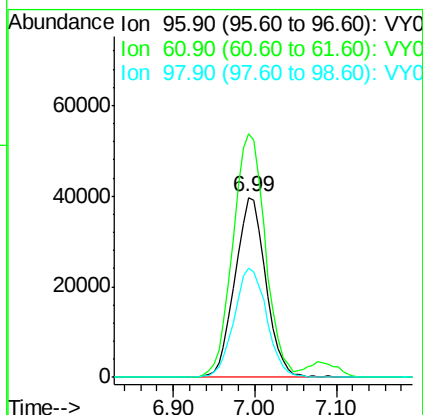
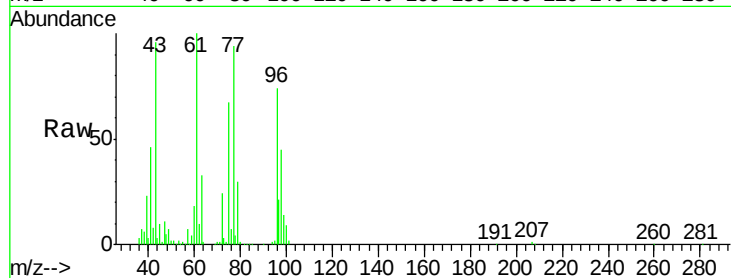


#27

cis-1,2-Dichloroethene
Concen: 20.235 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

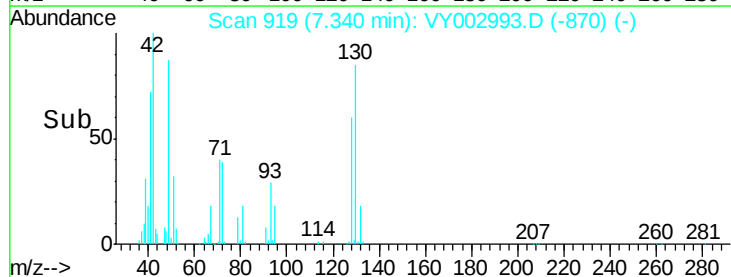
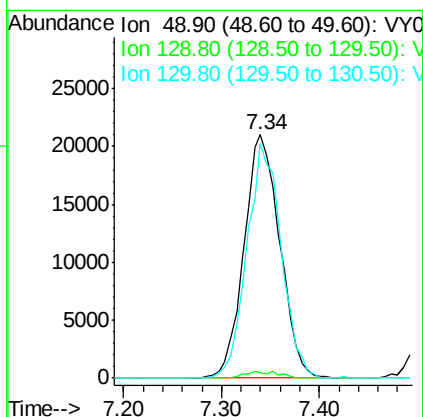
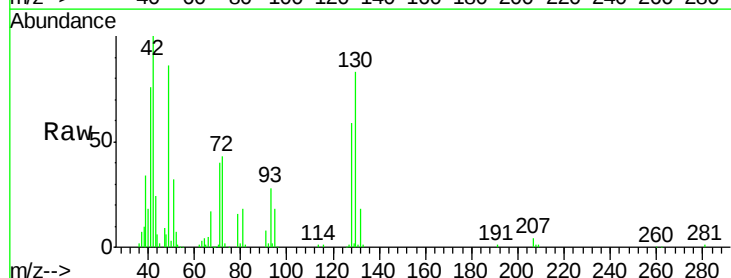
Tgt Ion: 96 Resp: 104274
Ion Ratio Lower Upper
96 100
61 142.0 0.0 279.0
98 63.7 0.0 128.2

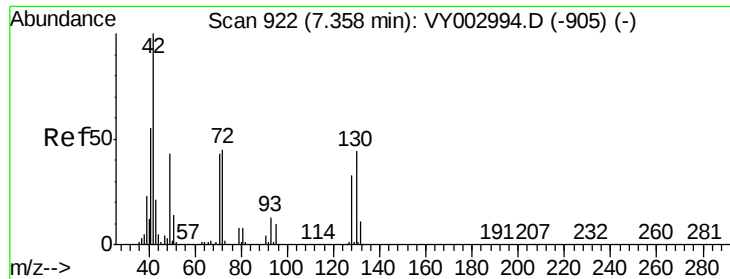


#28

Bromochloromethane
Concen: 17.603 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 49 Resp: 53120
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 92.8 73.8 110.8

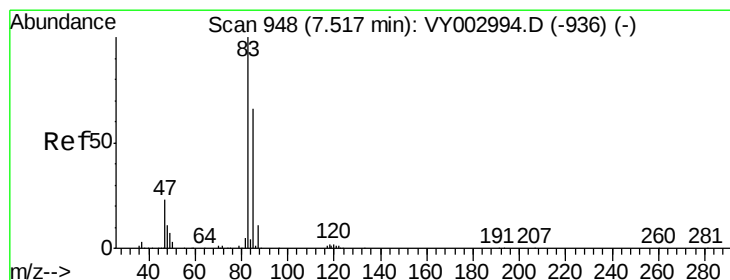
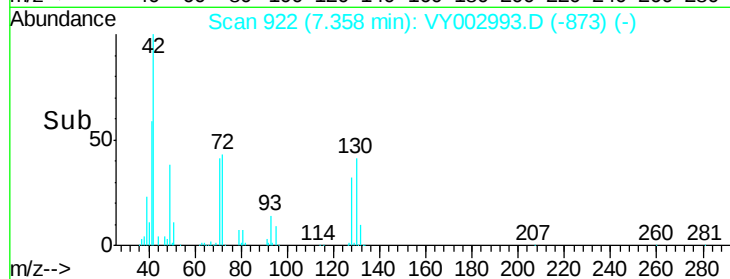
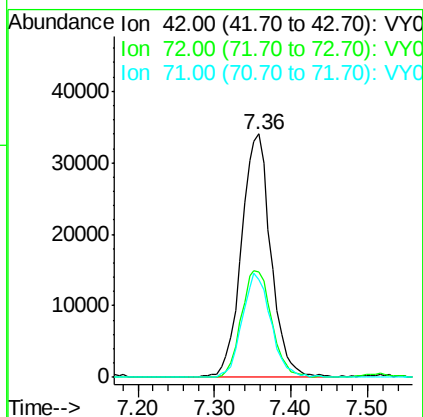
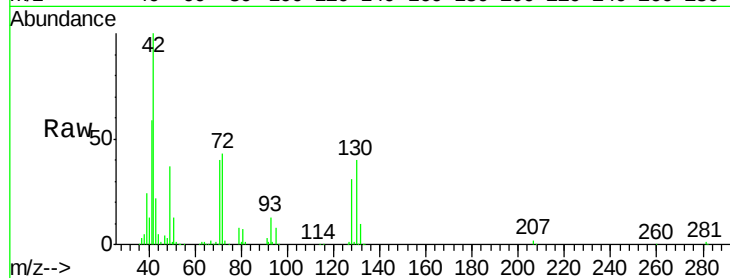




#29
Tetrahydrofuran
Concen: 92.169 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

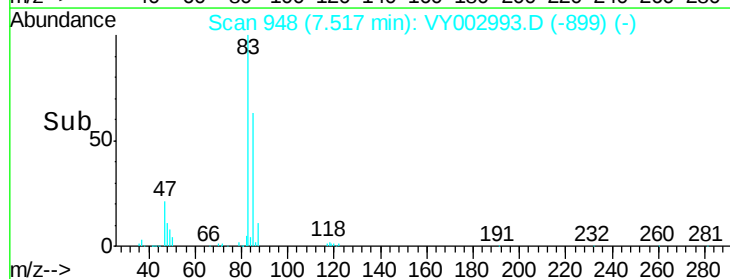
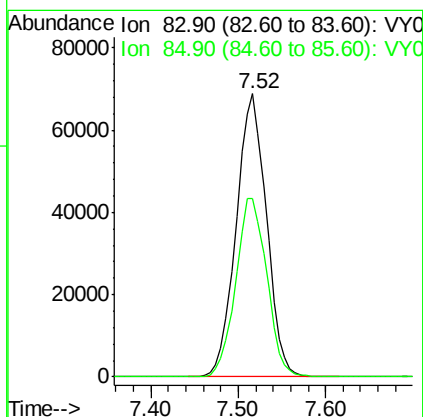
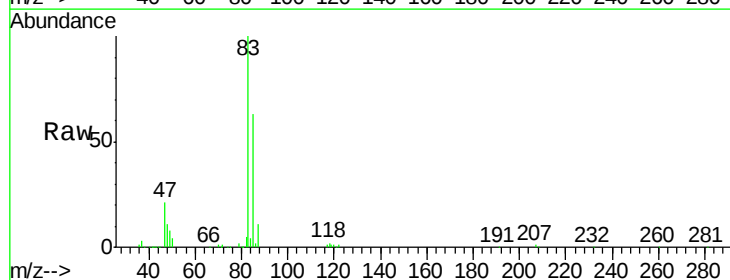
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

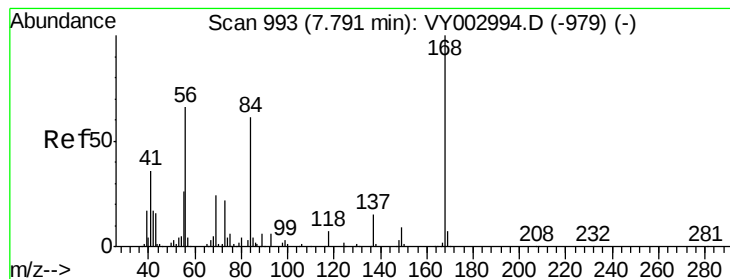
Tgt Ion: 42 Resp: 90976
Ion Ratio Lower Upper
42 100
72 44.9 36.2 54.4
71 41.5 34.2 51.2



#30
Chloroform
Concen: 21.575 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 83 Resp: 165520
Ion Ratio Lower Upper
83 100
85 63.0 52.6 78.8





#31

Cyclohexane

Concen: 20.669 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

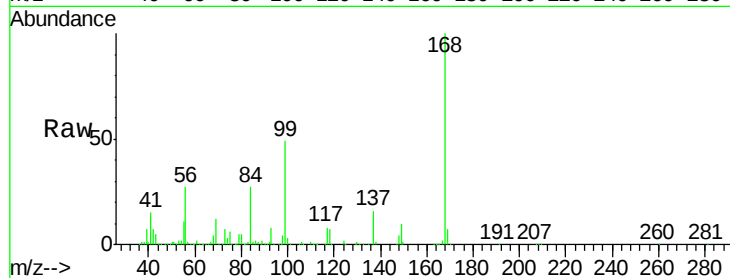
Tgt Ion: 56 Resp: 146339

Ion Ratio Lower Upper

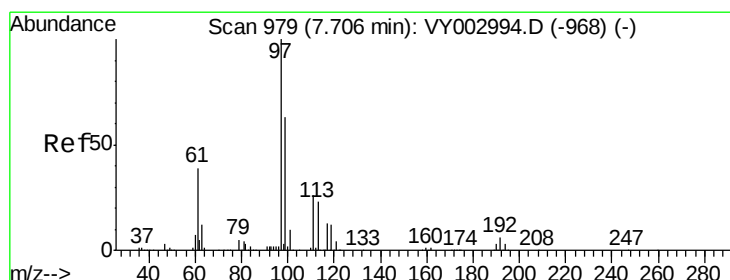
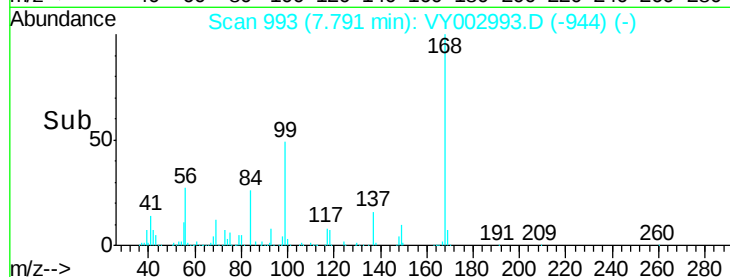
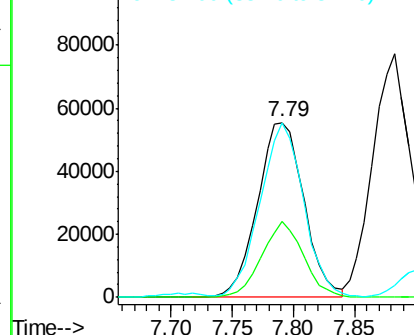
56 100

69 43.5 28.6 43.0#

84 97.8 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 22.437 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

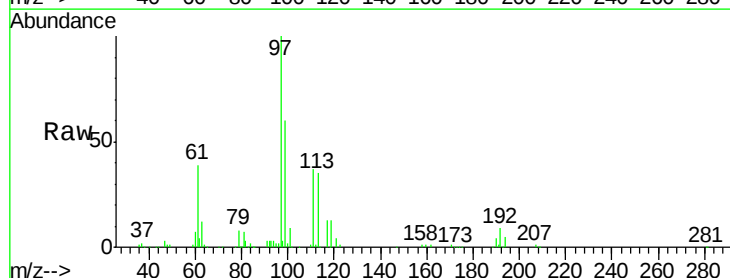
Tgt Ion: 97 Resp: 159733

Ion Ratio Lower Upper

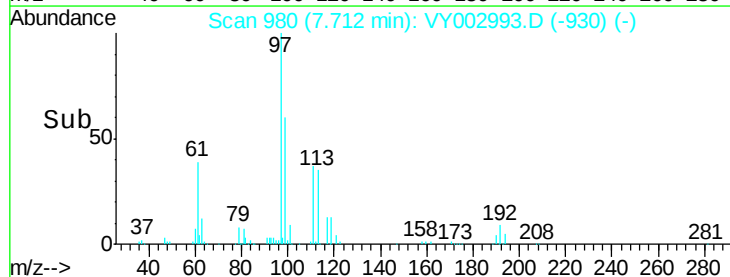
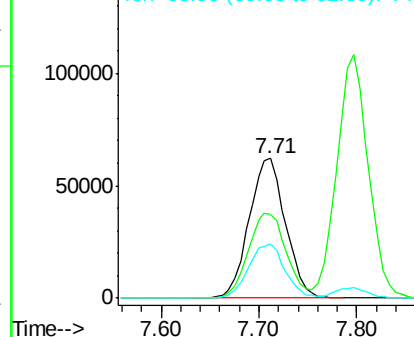
97 100

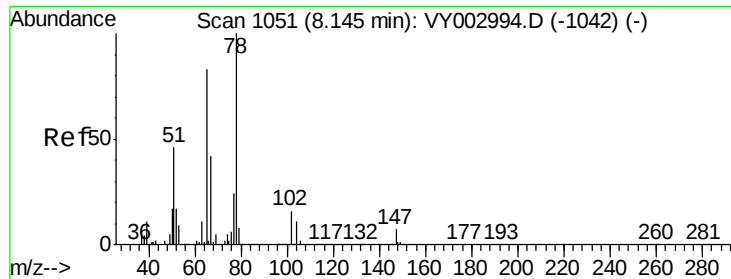
99 63.6 51.8 77.6

61 39.0 31.0 46.6



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

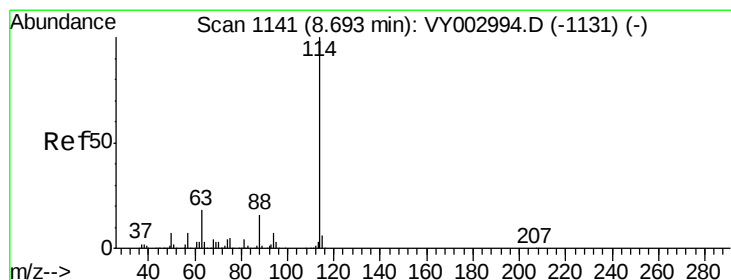
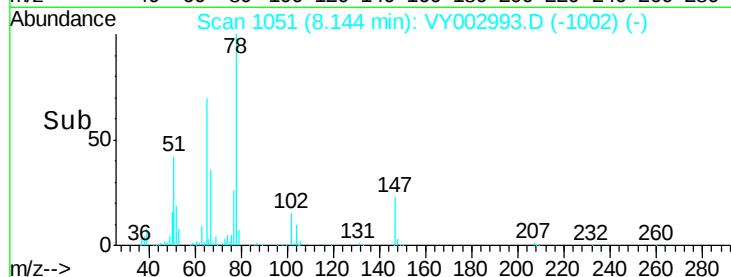
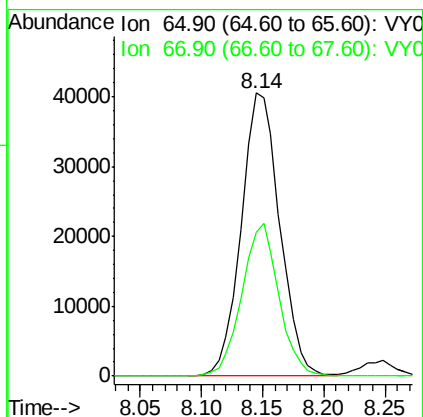
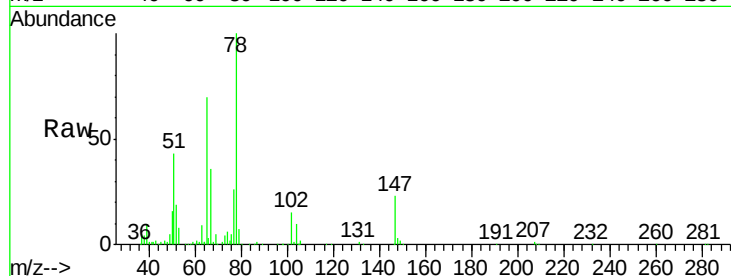




#33
 1,2-Dichloroethane-d4
 Concen: 21.730 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

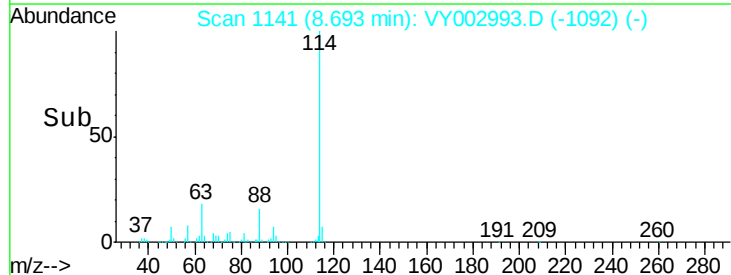
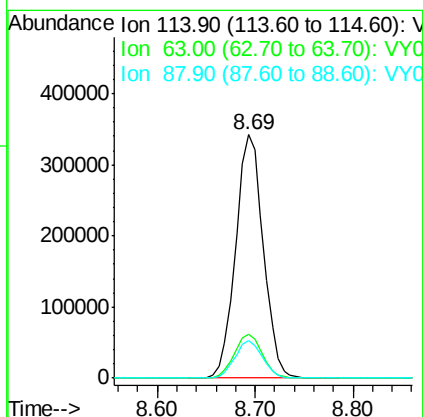
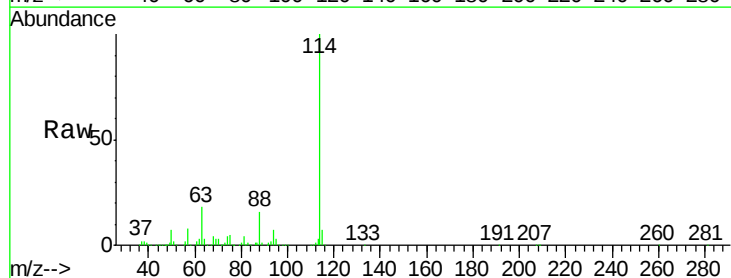
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

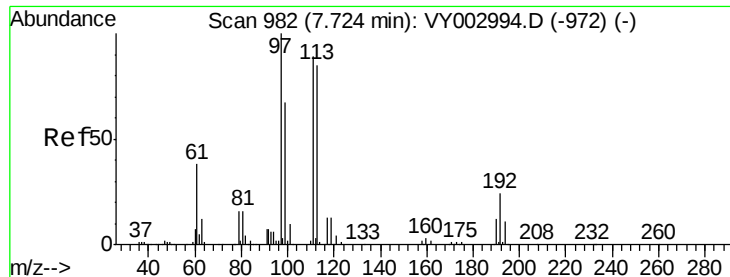
Tgt Ion: 65 Resp: 88773
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 114 Resp: 671167
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.7 0.0 31.6

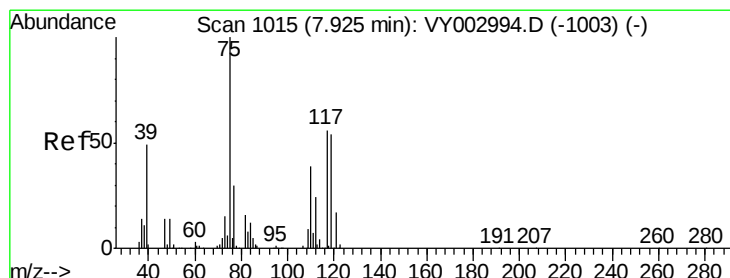
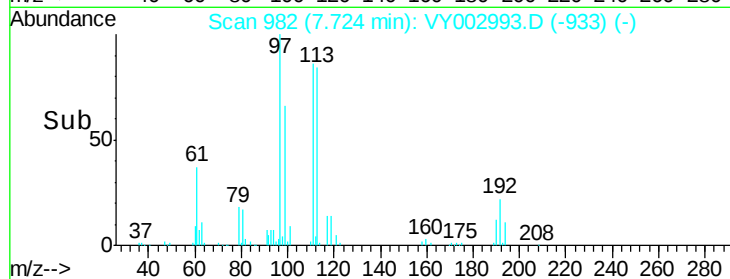
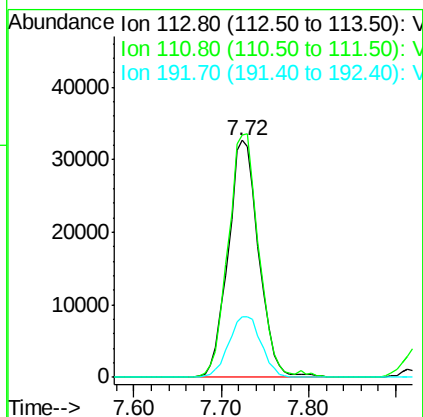
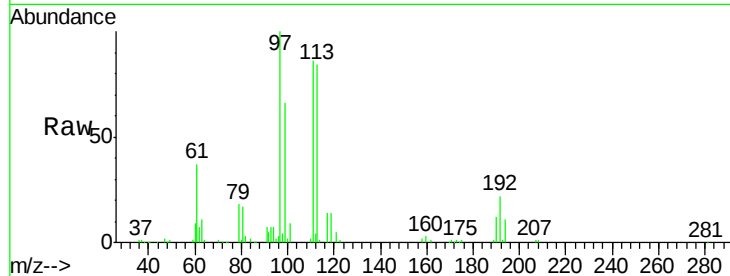




#35
Dibromofluoromethane
Concen: 20.519 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

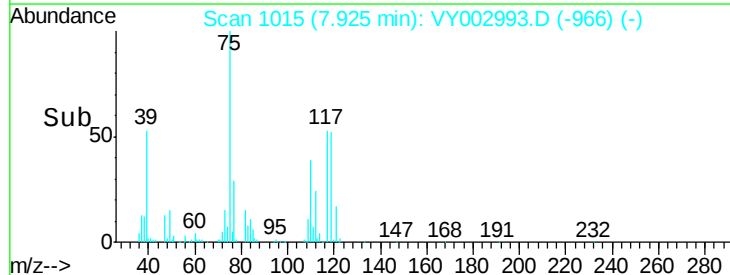
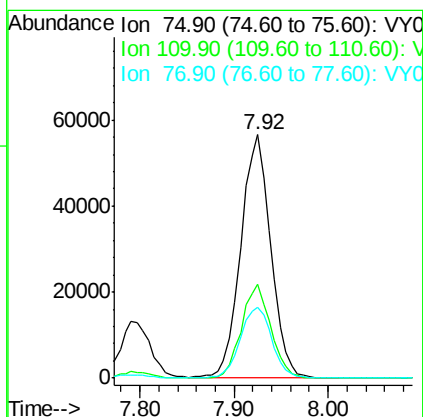
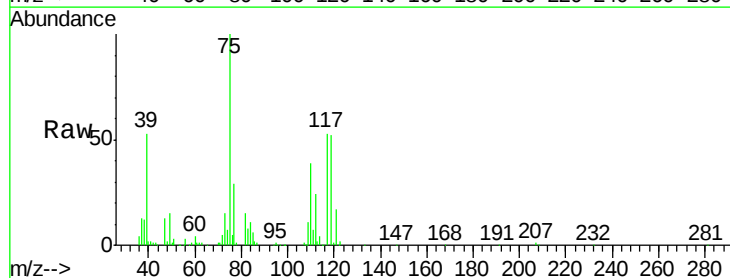
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

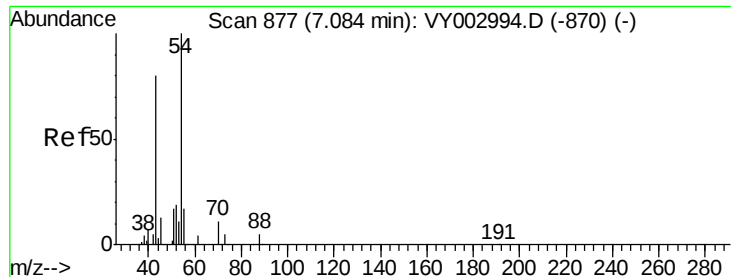
Tgt Ion:113 Resp: 79588
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 27.1 21.1 31.7



#36
1,1-Dichloropropene
Concen: 22.291 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 75 Resp: 126346
Ion Ratio Lower Upper
75 100
110 37.7 18.9 56.9
77 30.7 24.3 36.5

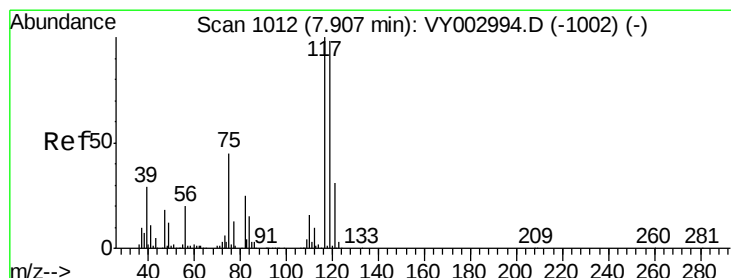
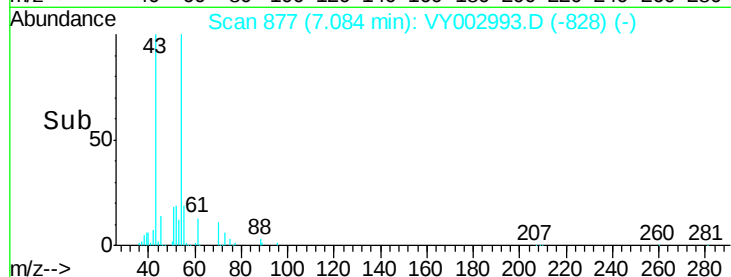
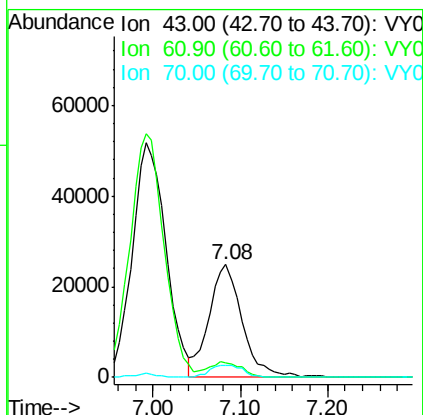
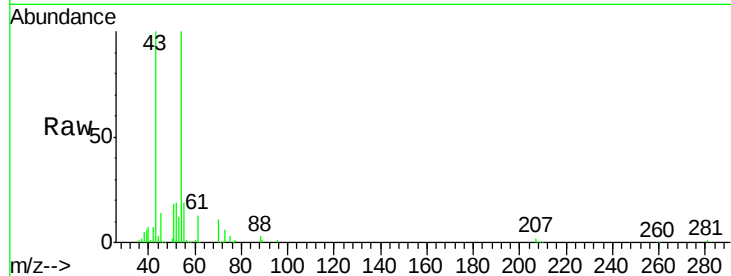




#37
Ethyl Acetate
Concen: 20.536 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

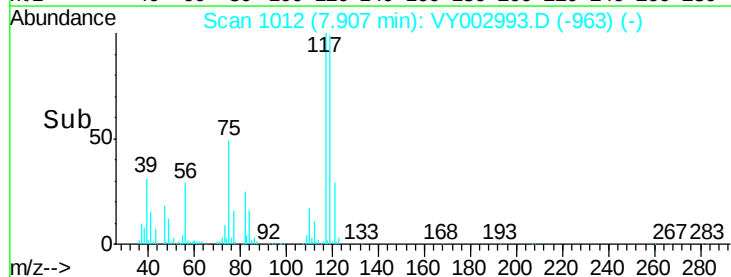
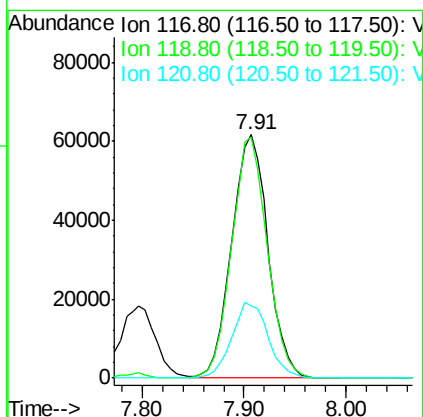
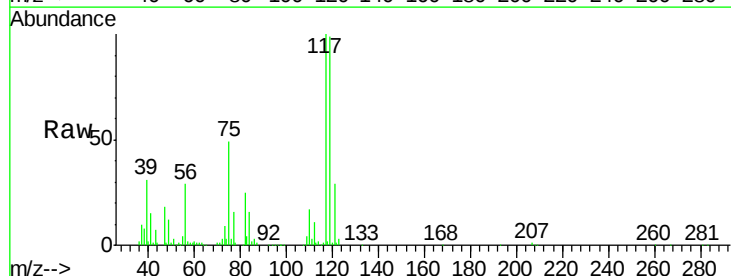
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

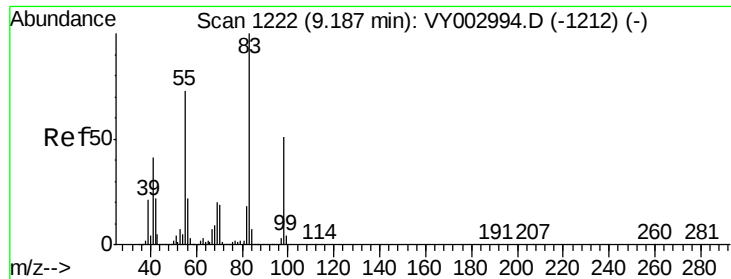
Tgt Ion: 43 Resp: 65018
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 23.756 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 117 Resp: 152194
Ion Ratio Lower Upper
117 100
119 98.9 78.2 117.4
121 29.5 24.5 36.7

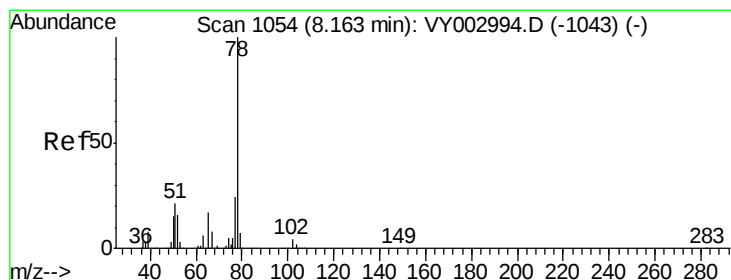
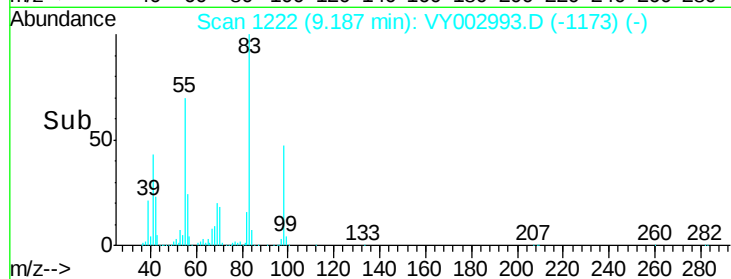
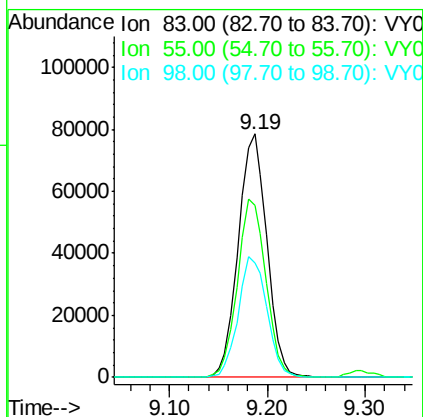
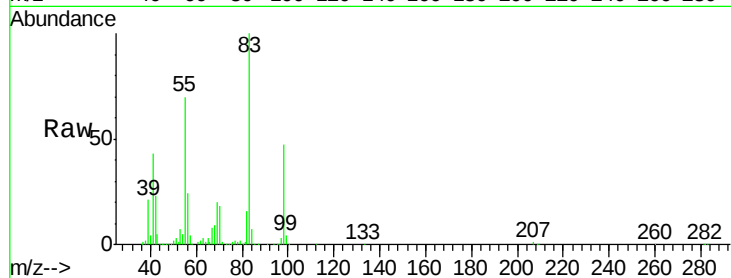




#39
Methylcyclohexane
Concen: 22.122 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

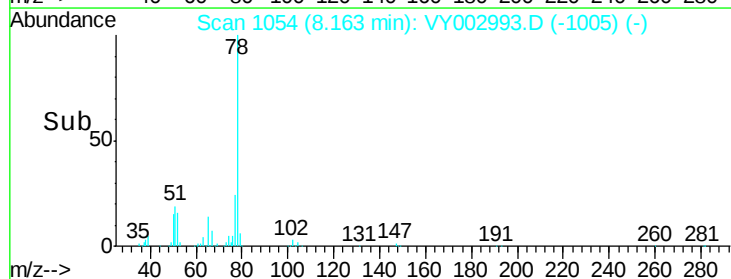
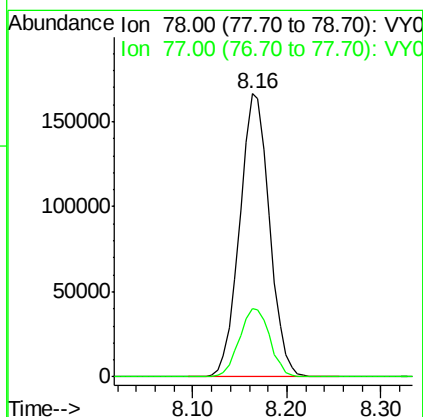
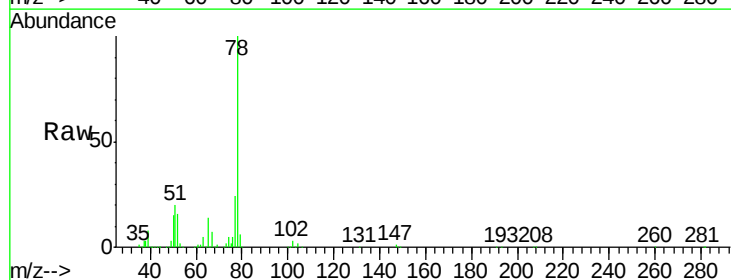
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

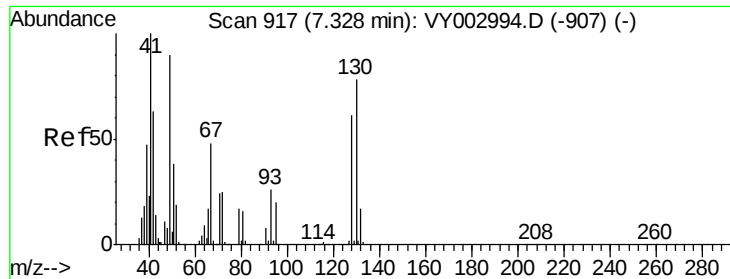
Tgt Ion: 83 Resp: 159647
Ion Ratio Lower Upper
83 100
55 70.4 58.6 87.8
98 46.8 41.0 61.6



#40
Benzene
Concen: 22.684 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 78 Resp: 368192
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 57.948 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 89175

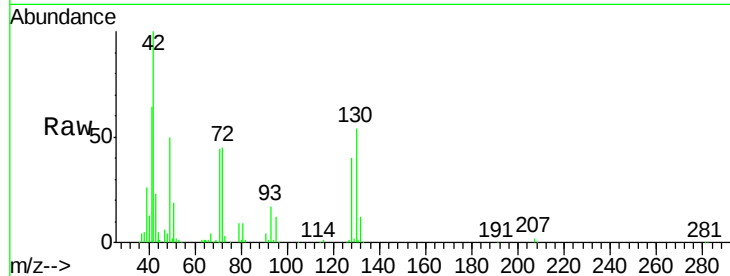
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

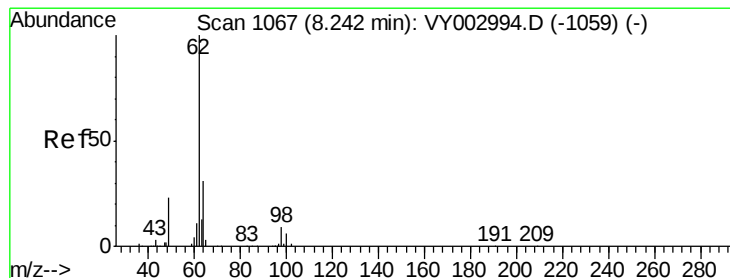
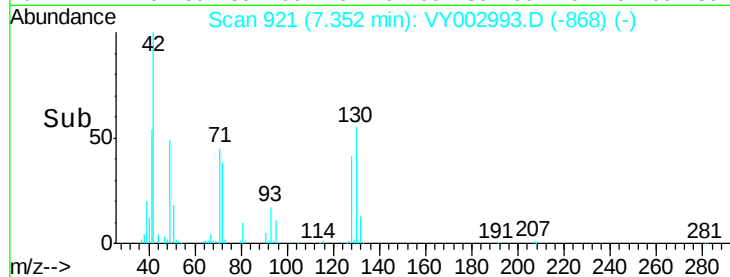
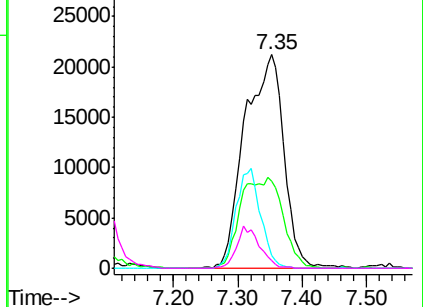


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 24.455 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002993.D

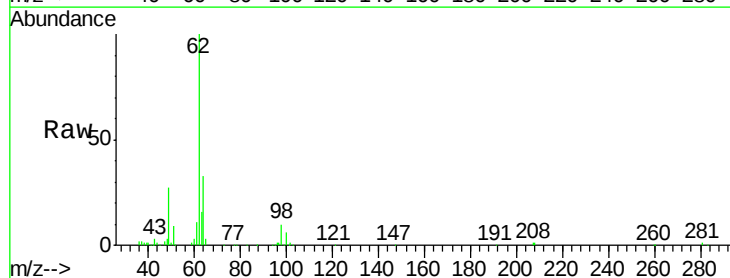
Acq: 25 Jun 2020 12:11

Tgt Ion: 62 Resp: 113663

Ion Ratio Lower Upper

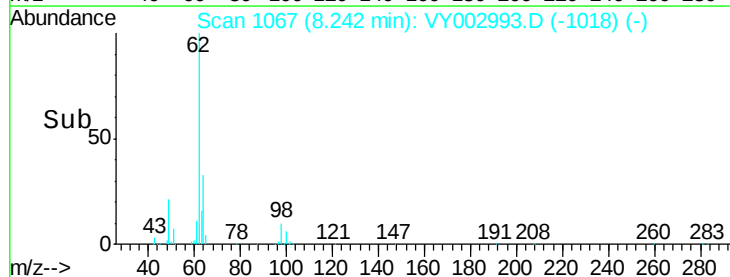
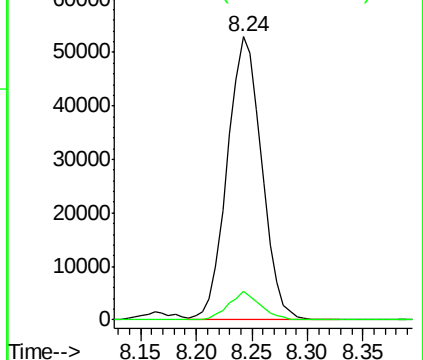
62 100

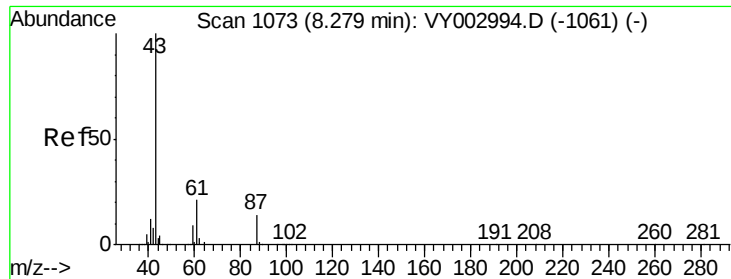
98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.945 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

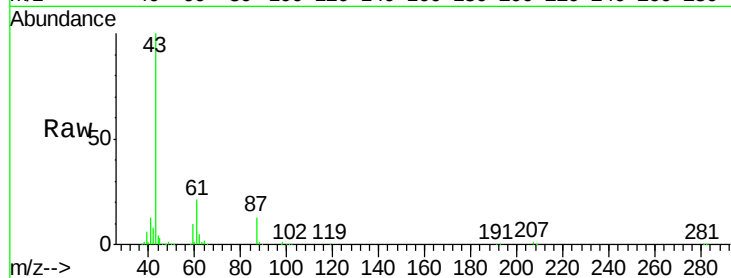
Tgt Ion: 43 Resp: 124963

Ion Ratio Lower Upper

43 100

61 29.9 23.2 34.8

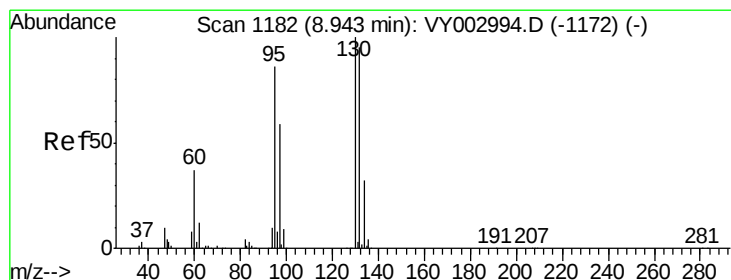
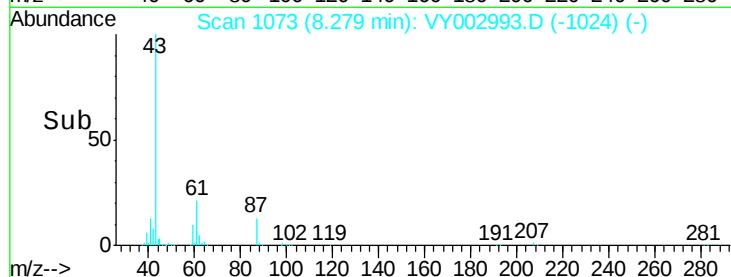
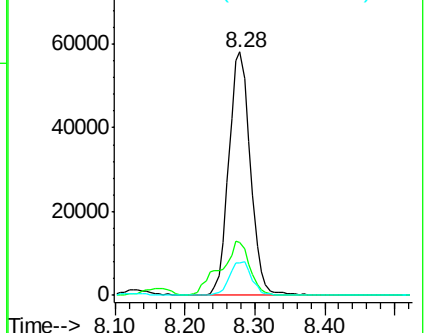
87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY002993.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002993.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002993.D (-1061) (-)



#44

Trichloroethene

Concen: 21.799 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002993.D

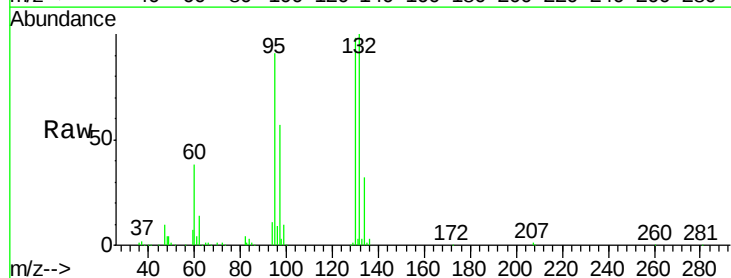
Acq: 25 Jun 2020 12:11

Tgt Ion: 130 Resp: 110716

Ion Ratio Lower Upper

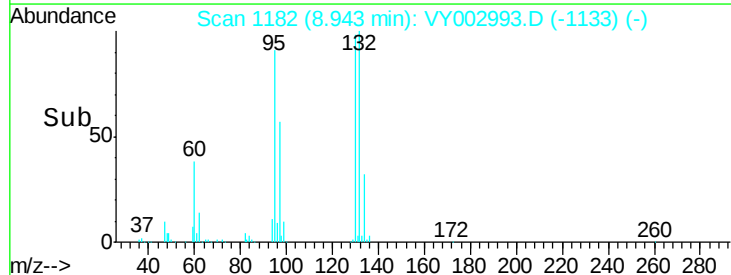
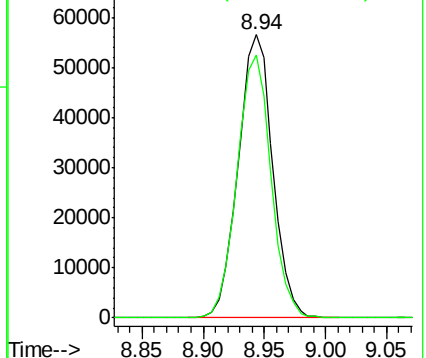
130 100

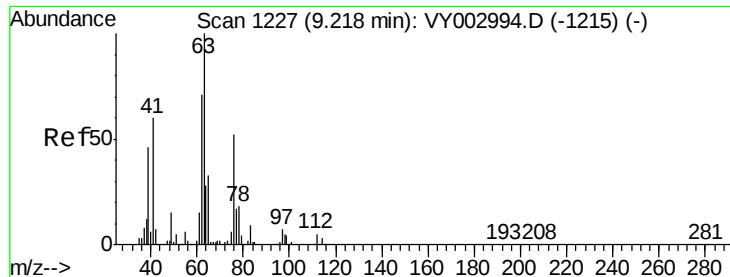
95 93.1 0.0 171.4



Abundance Ion 129.80 (129.50 to 130.50): VY002993.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002993.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 21.734 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

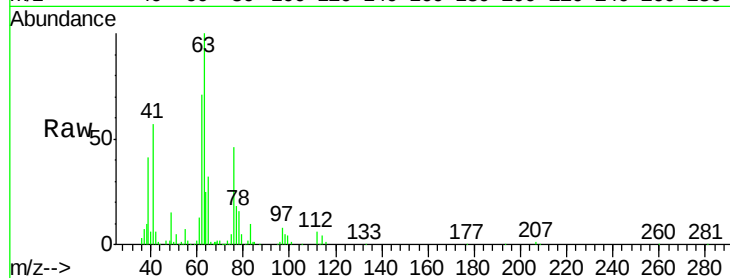
VSTDIC020

Tgt Ion: 63 Resp: 84602

Ion Ratio Lower Upper

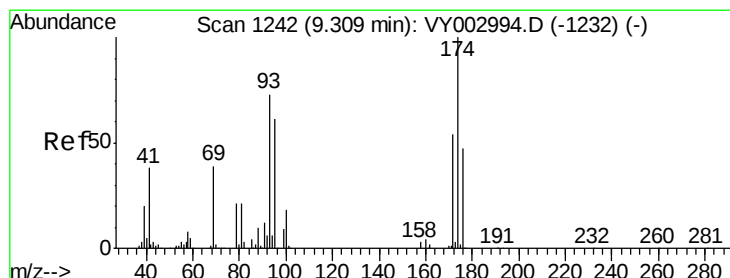
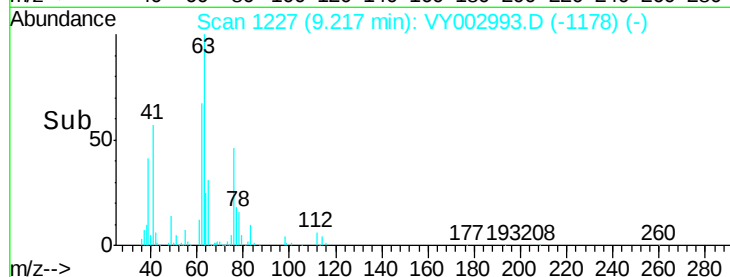
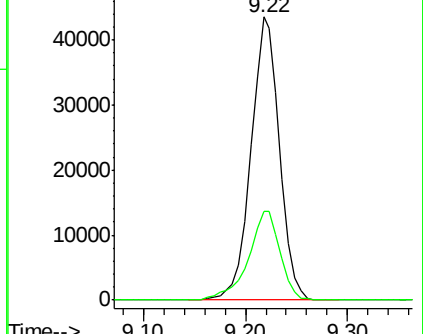
63 100

65 31.5 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.668 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

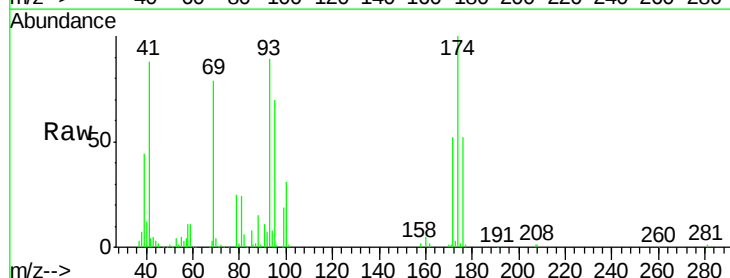
Tgt Ion: 93 Resp: 50614

Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.2

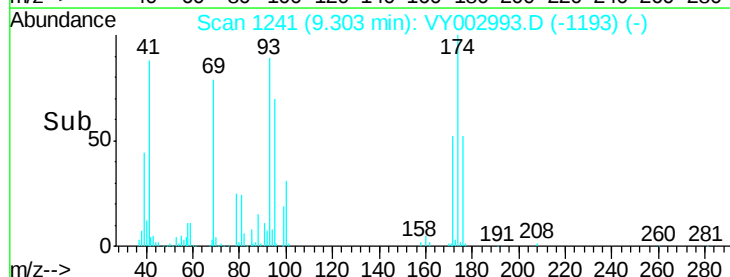
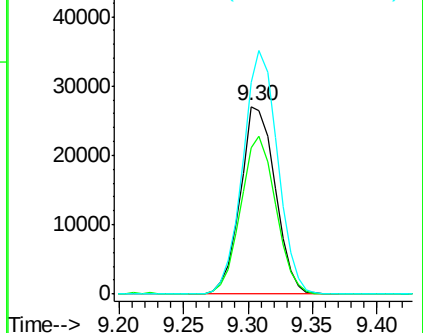
174 129.4 109.8 164.8

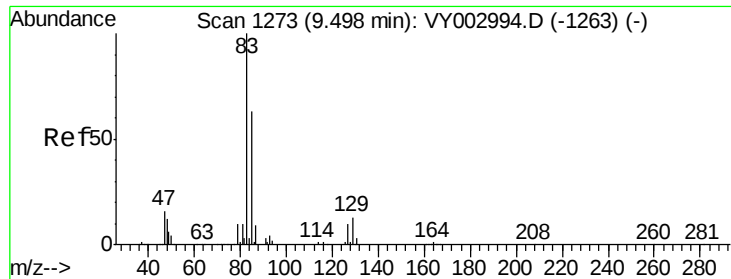


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.669 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

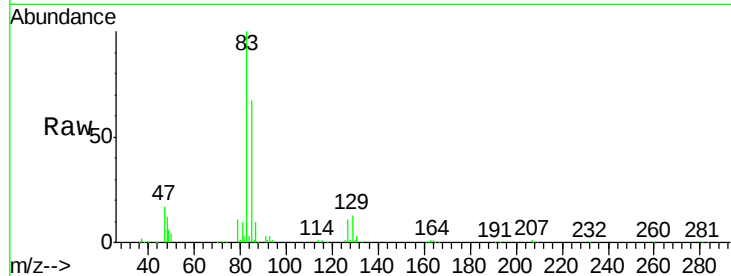
Tgt Ion: 83 Resp: 119527

Ion Ratio Lower Upper

83 100

85 66.5 50.2 75.4

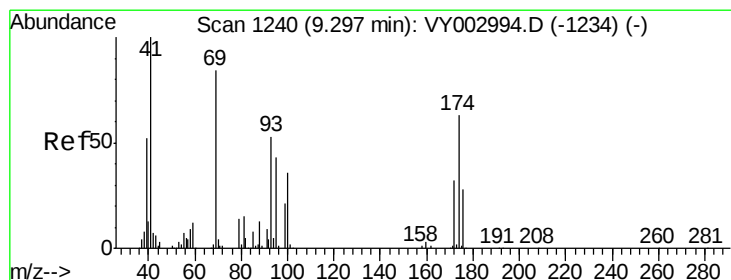
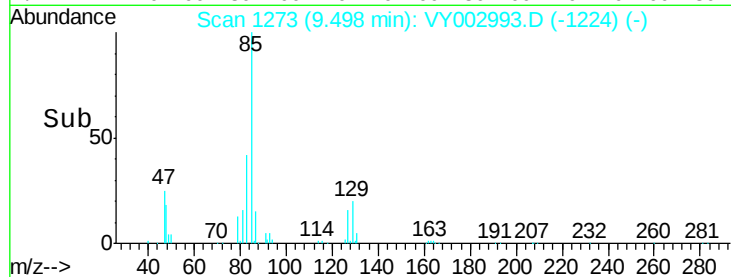
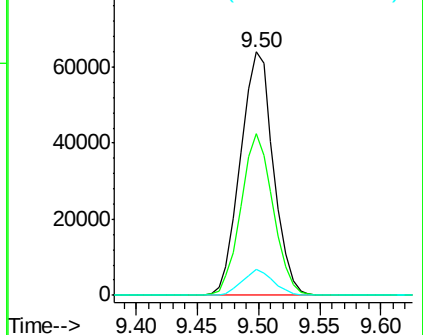
127 10.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VY002993.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY002993.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY002993.D (-1224) (-)



#48

Methyl methacrylate

Concen: 22.595 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

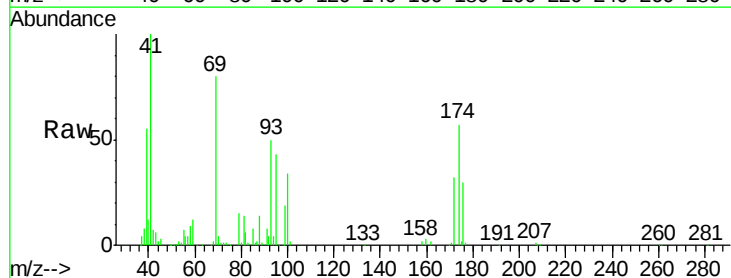
Tgt Ion: 41 Resp: 58150

Ion Ratio Lower Upper

41 100

69 86.7 70.2 105.2

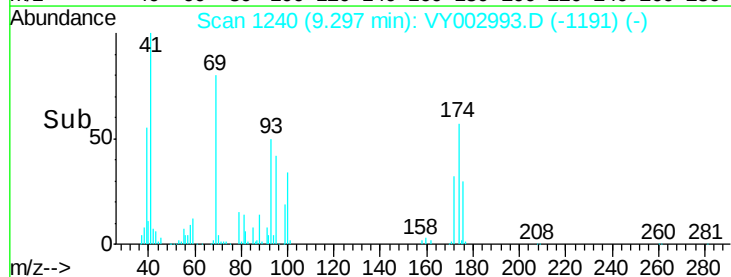
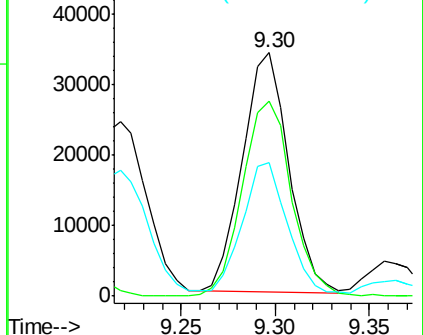
39 55.3 45.0 67.6

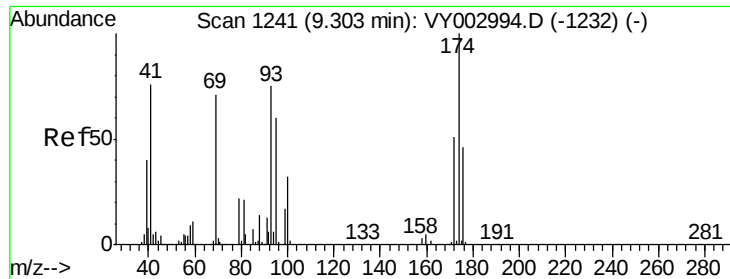


Abundance Ion 41.00 (40.70 to 41.70): VY002993.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002993.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002993.D (-1191) (-)





#49

1,4-Dioxane

Concen: 343.613 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

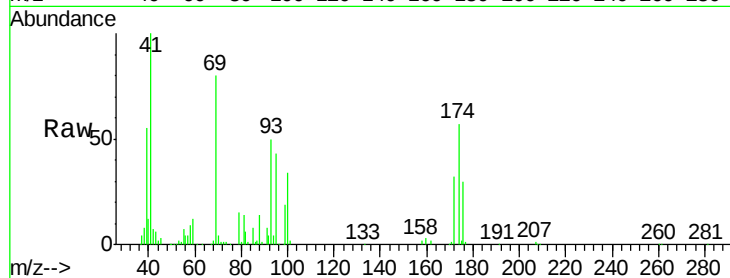
Tgt Ion: 88 Resp: 11392

Ion Ratio Lower Upper

88 100

43 31.9 26.6 39.8

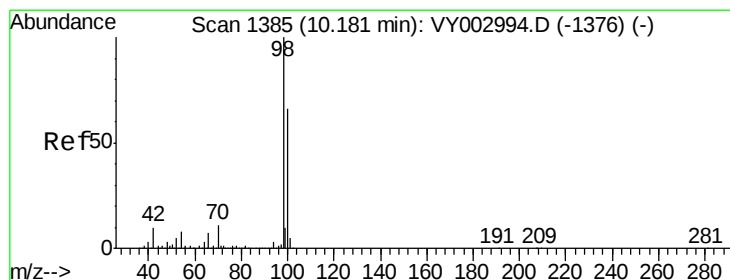
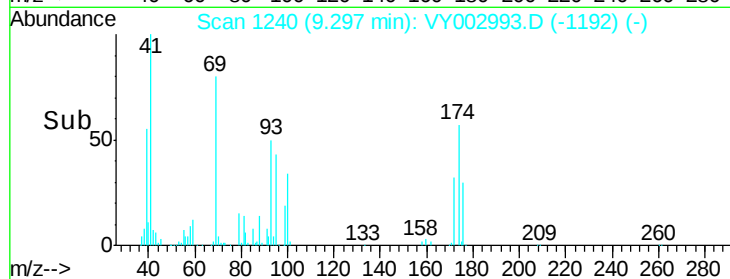
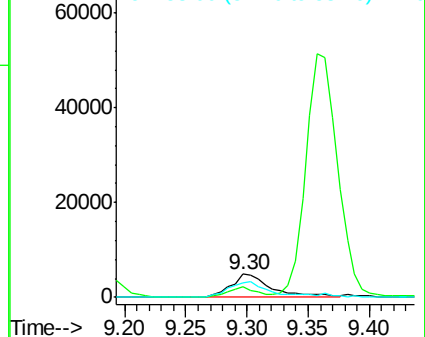
58 68.3 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 16.924 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002993.D

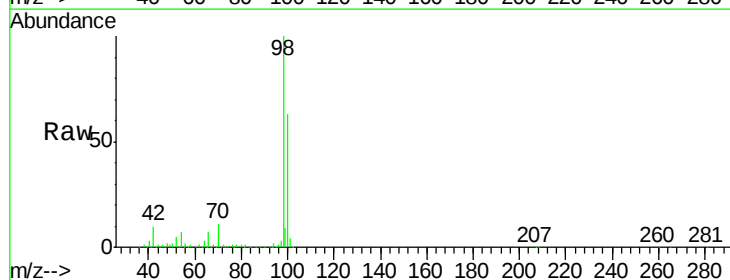
Acq: 25 Jun 2020 12:11

Tgt Ion: 98 Resp: 258776

Ion Ratio Lower Upper

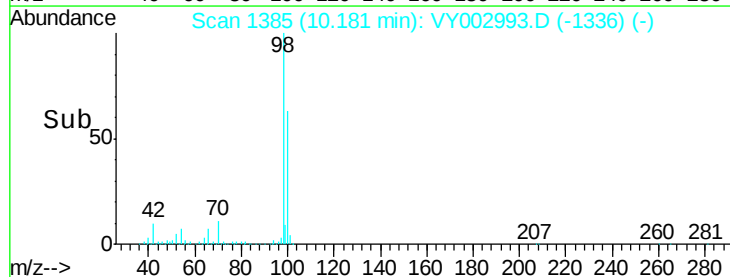
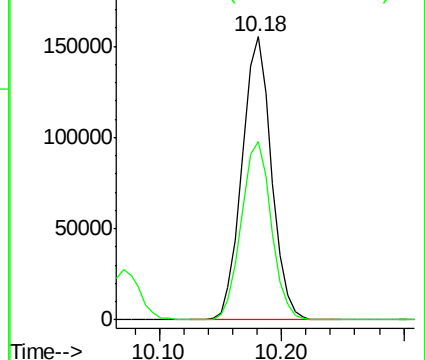
98 100

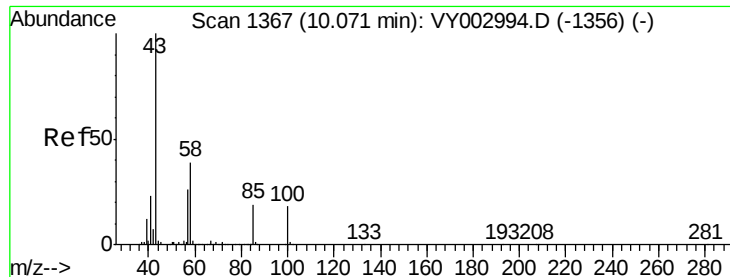
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

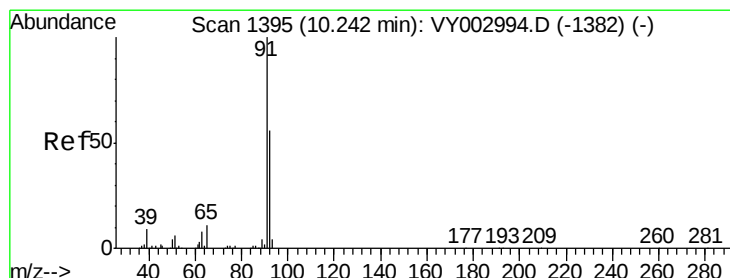
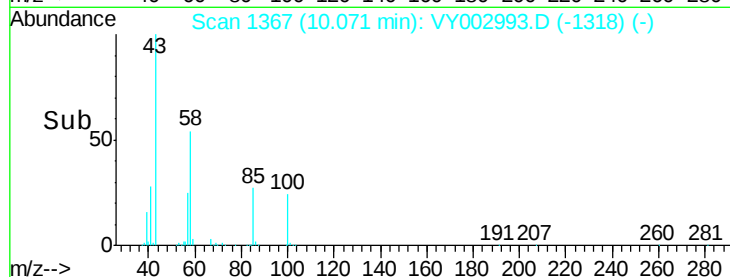
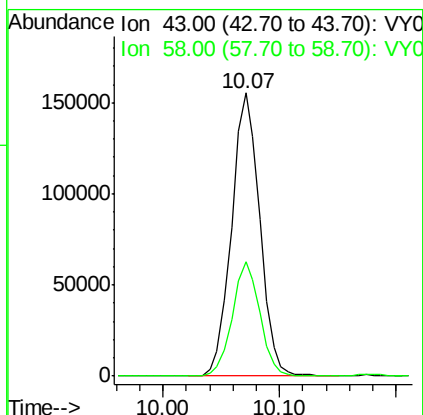
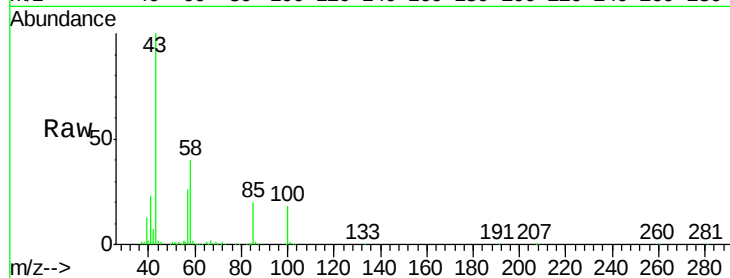




#51
 4-Methyl-2-Pentanone
 Concen: 83.774 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

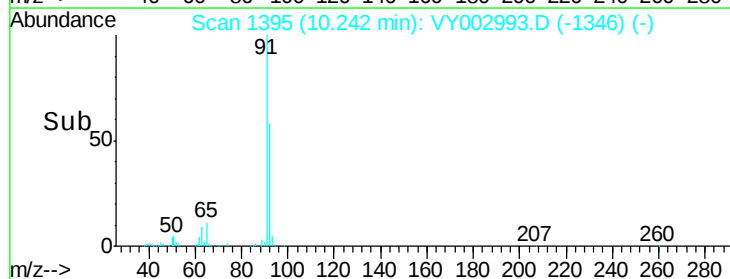
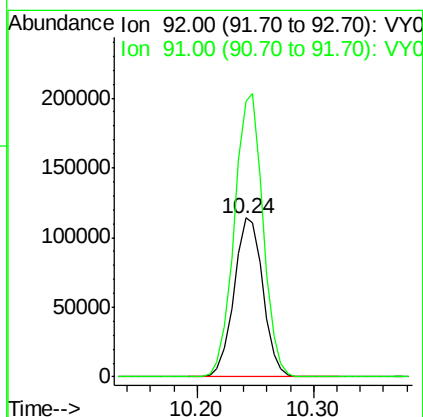
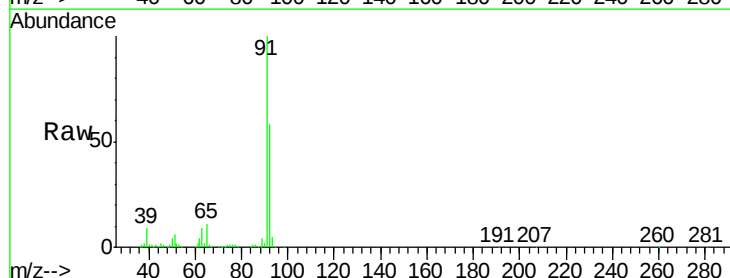
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

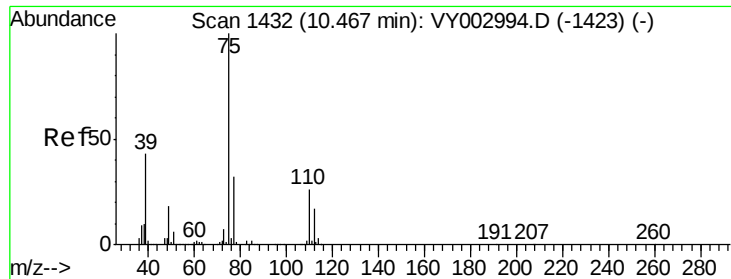
Tgt Ion: 43 Resp: 261997
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.0



#52
 Toluene
 Concen: 18.189 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 92 Resp: 197479
 Ion Ratio Lower Upper
 92 100
 91 176.3 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 18.905 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

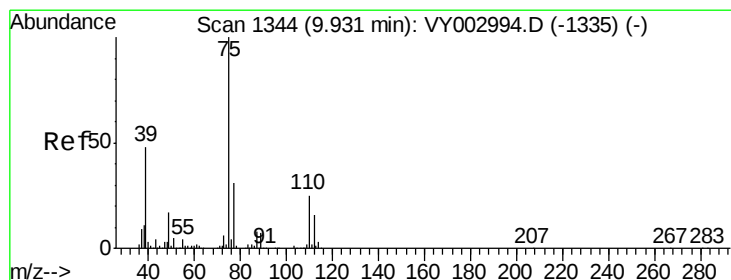
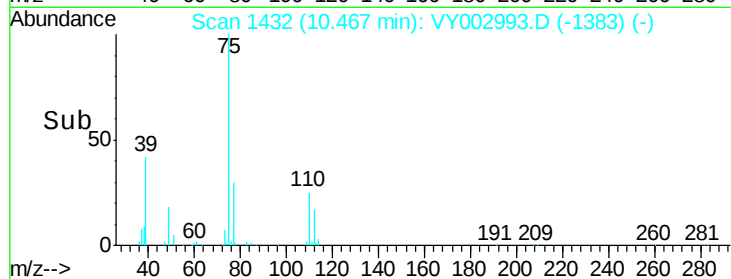
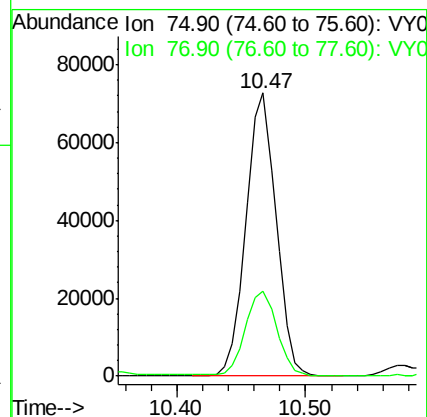
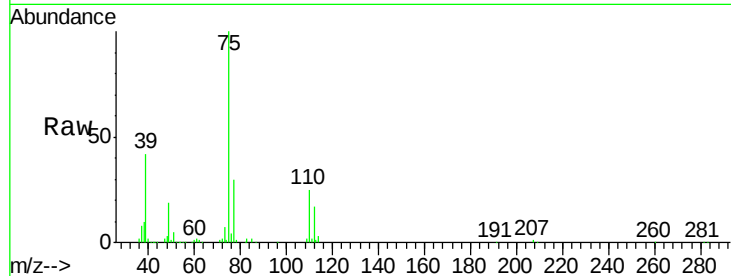
VSTDIC020

Tgt Ion: 75 Resp: 117198

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.321 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

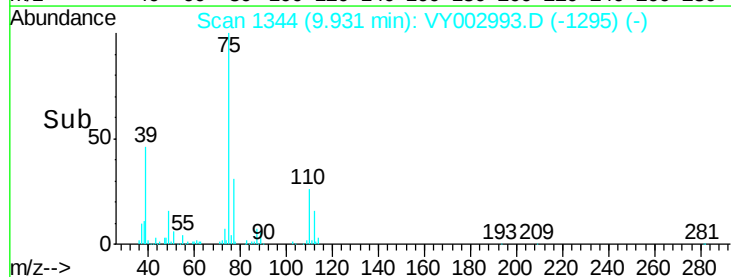
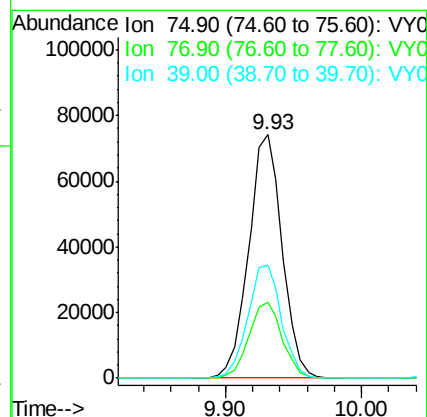
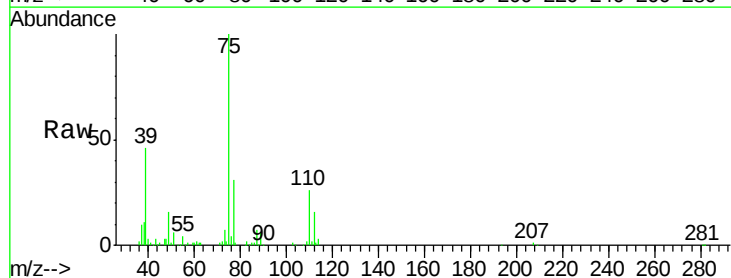
Tgt Ion: 75 Resp: 127592

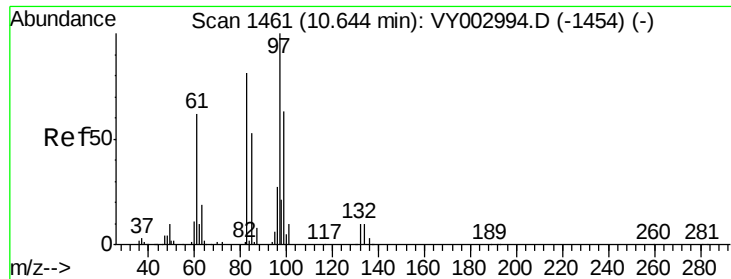
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 46.4 38.4 57.6

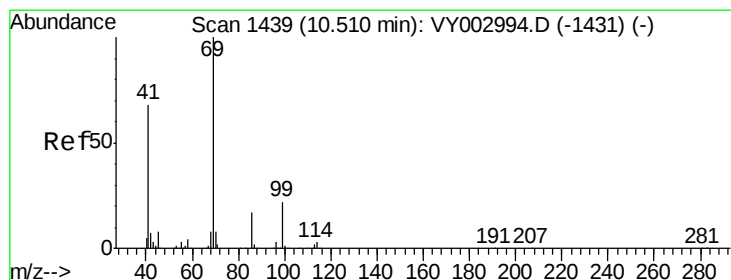
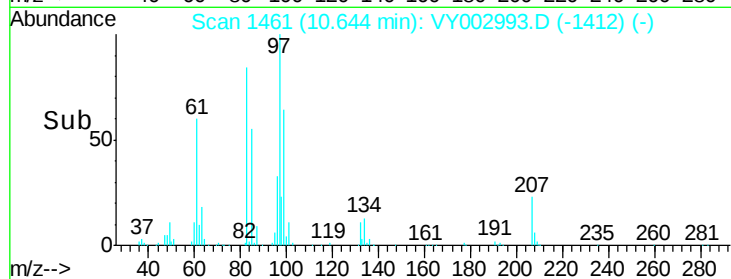
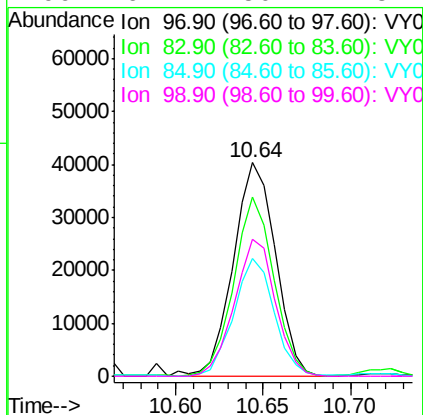
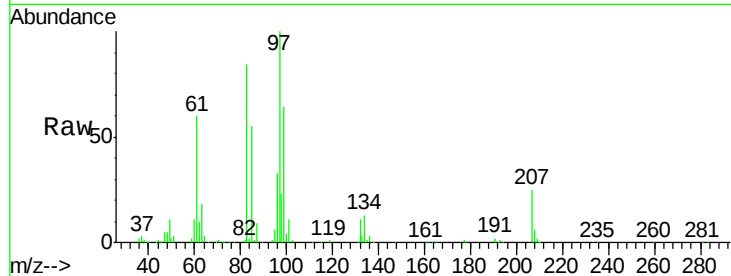




#55
 1,1,2-Trichloroethane
 Concen: 18.966 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

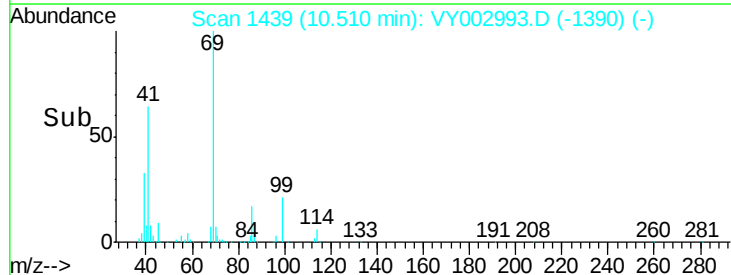
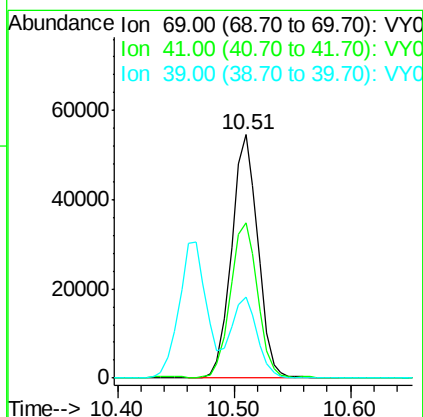
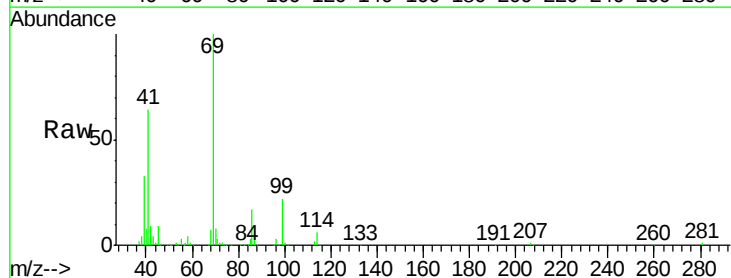
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

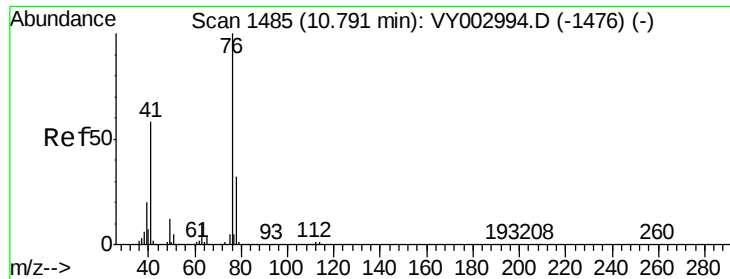
Tgt Ion:	97	Resp:	67472
Ion	Ratio	Lower	Upper
97	100		
83	83.4	64.6	96.8
85	55.1	42.6	63.8
99	64.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 17.702 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion:	69	Resp:	85874
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.4	77.0
39	34.1	24.4	36.6





#57

1,3-Dichloropropane

Concen: 20.157 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

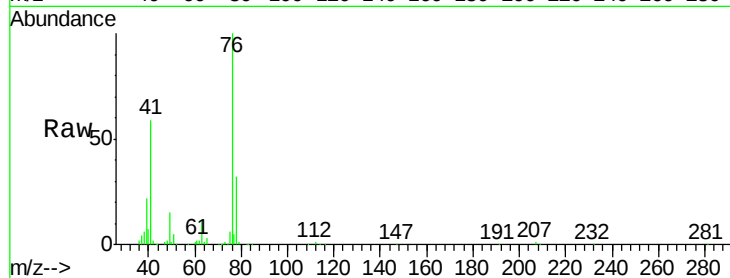
VSTDIC020

Tgt Ion: 76 Resp: 120927

Ion Ratio Lower Upper

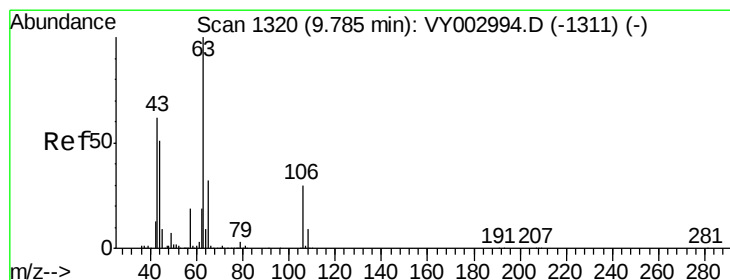
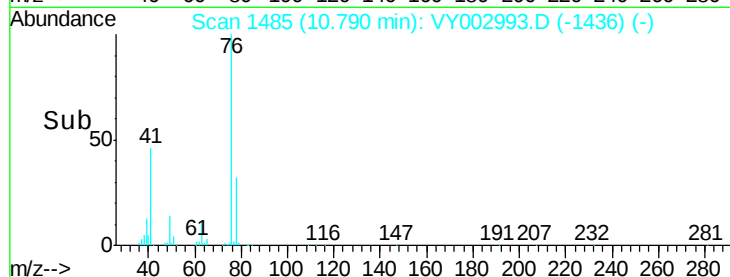
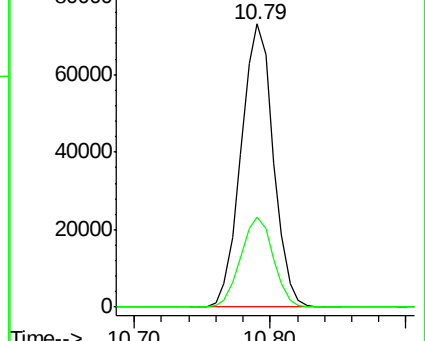
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 75.151 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002993.D

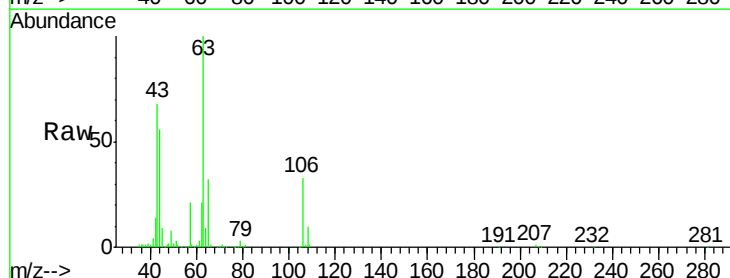
Acq: 25 Jun 2020 12:11

Tgt Ion: 63 Resp: 177066

Ion Ratio Lower Upper

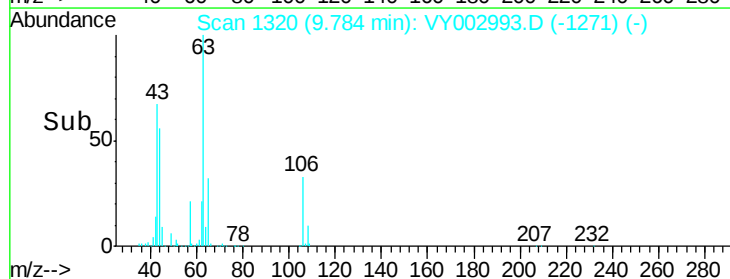
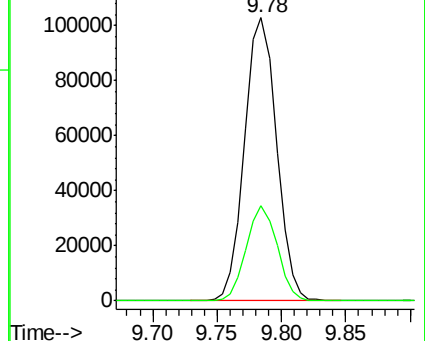
63 100

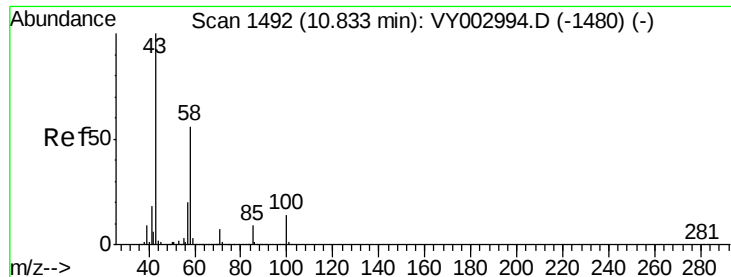
106 32.7 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

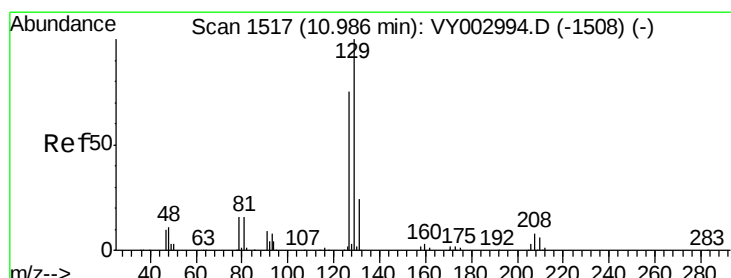
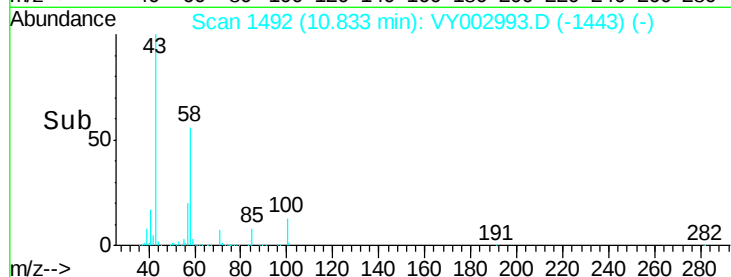
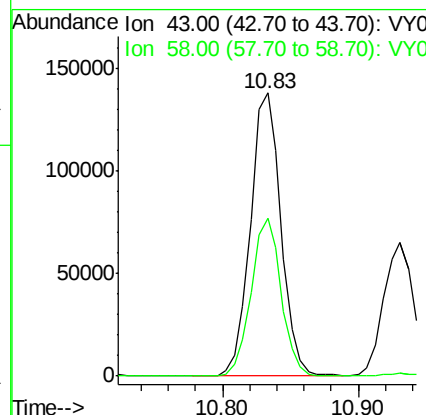
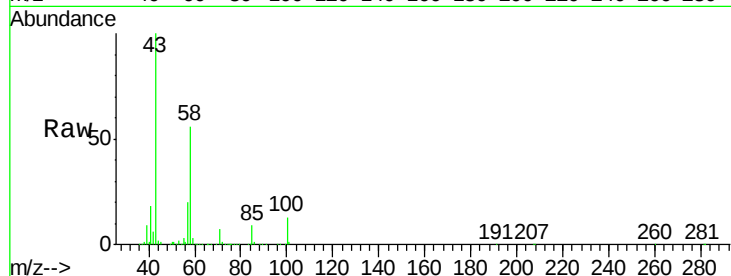




#59
2-Hexanone
Concen: 99.630 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

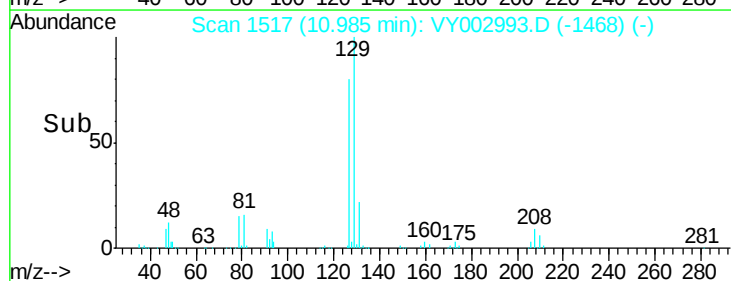
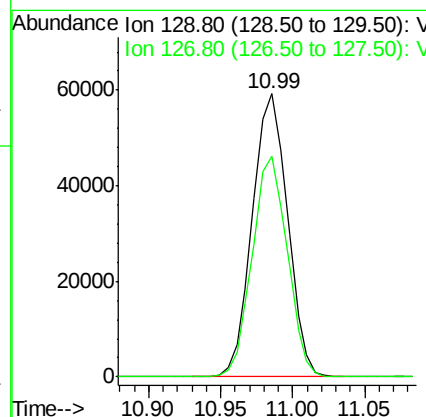
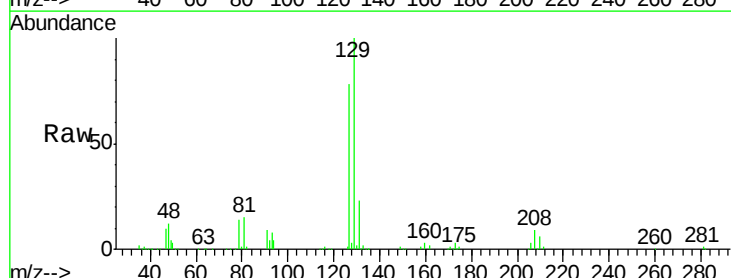
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

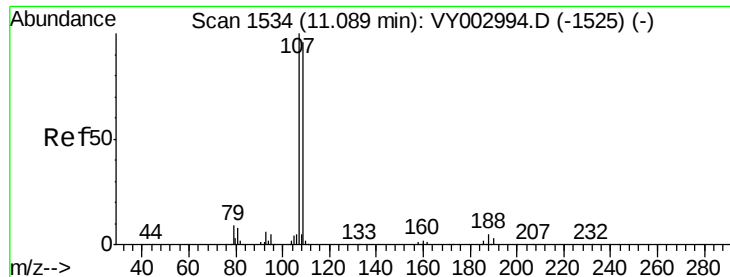
Tgt Ion: 43 Resp: 217407
Ion Ratio Lower Upper
43 100
58 54.8 27.4 82.0



#60
Dibromochloromethane
Concen: 21.673 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion: 129 Resp: 100111
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8

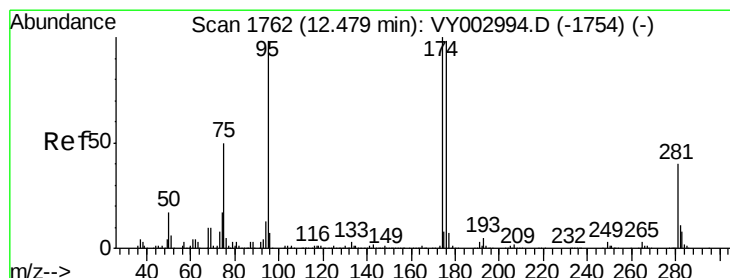
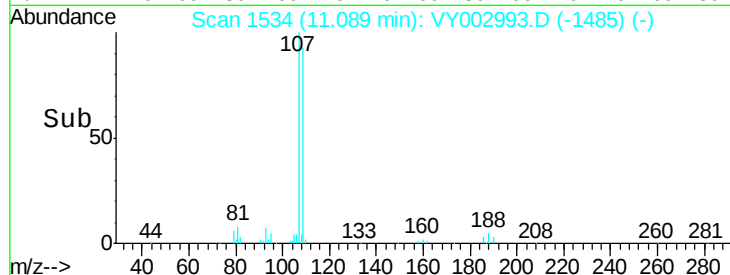
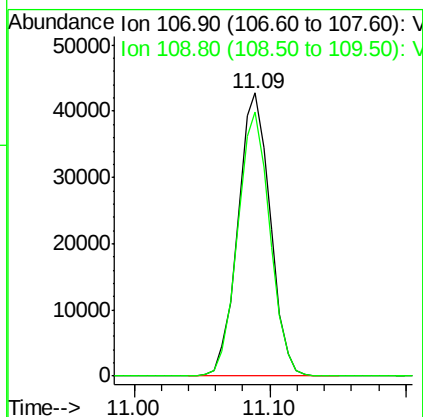
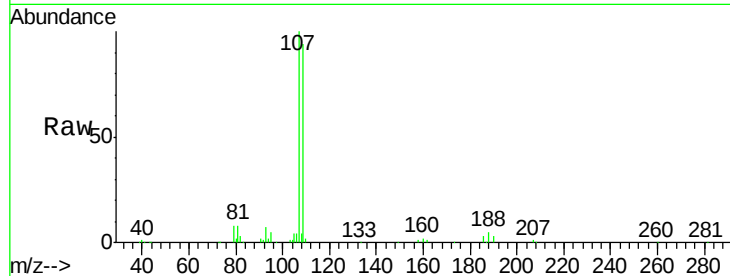




#61
 1,2-Dibromoethane
 Concen: 20.047 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

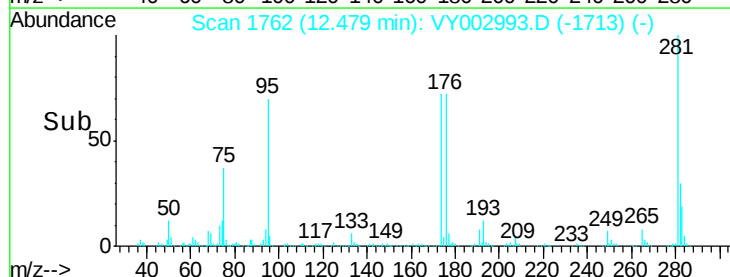
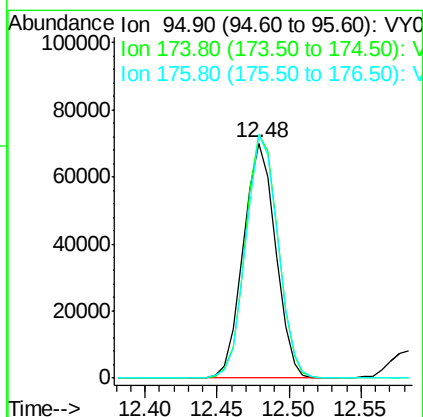
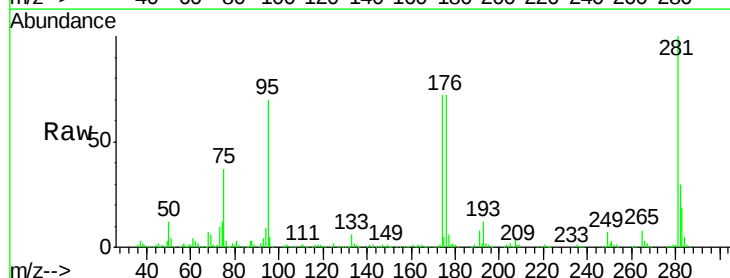
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

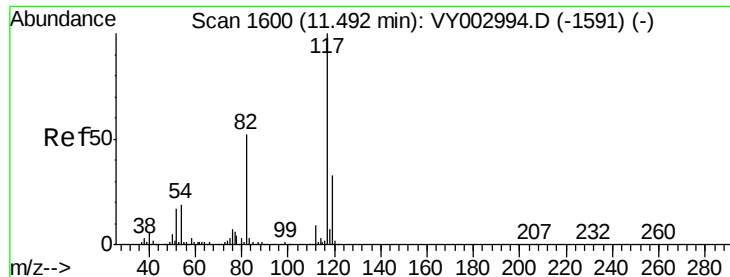
Tgt Ion: 107 Resp: 70790
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 20.344 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 95 Resp: 108504
 Ion Ratio Lower Upper
 95 100
 174 104.5 0.0 209.2
 176 102.9 0.0 206.2

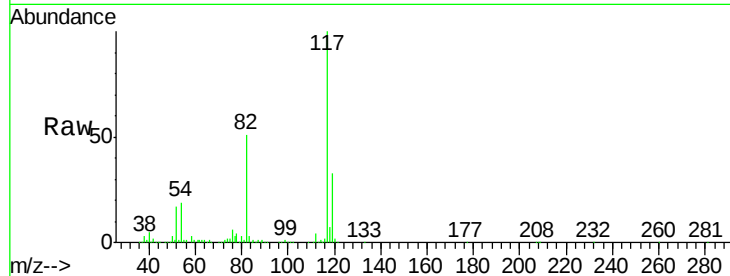




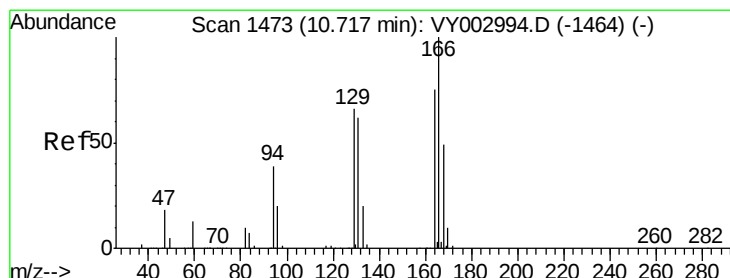
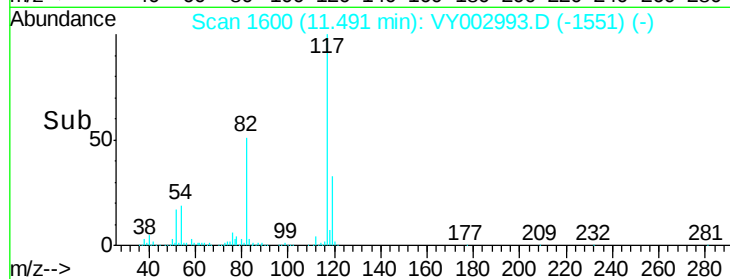
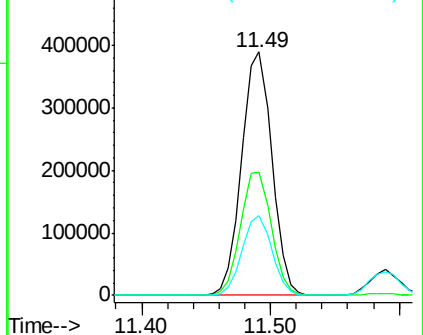
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 633655
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 33.0 26.7 40.1

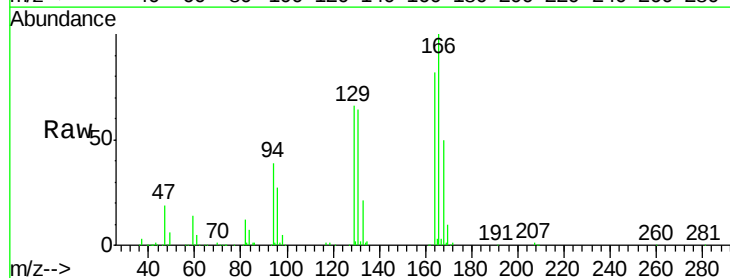


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

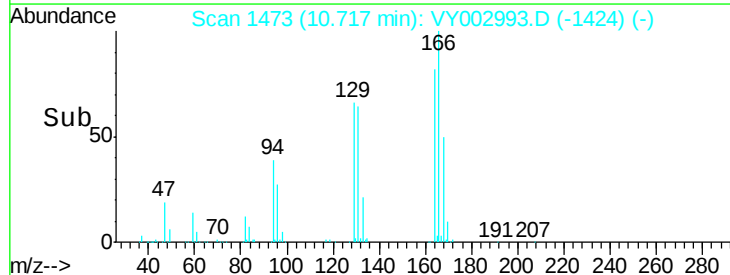
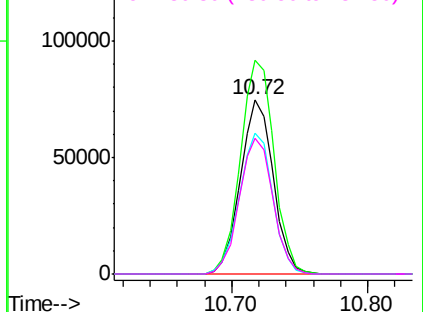


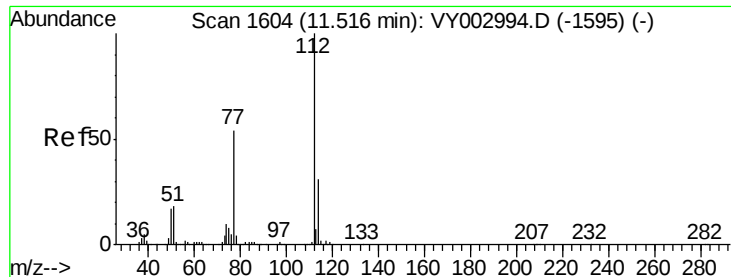
#64
Tetrachloroethene
Concen: 23.414 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion:164 Resp: 125624
Ion Ratio Lower Upper
164 100
166 122.7 106.8 160.2
129 80.6 69.9 104.9
131 78.3 66.6 99.8



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: 21.560 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

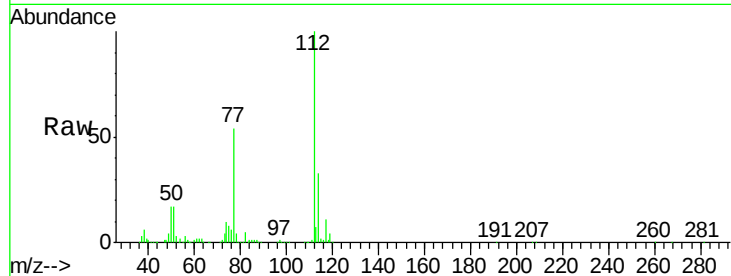
VSTDIC020

Tgt Ion:112 Resp: 260569

Ion Ratio Lower Upper

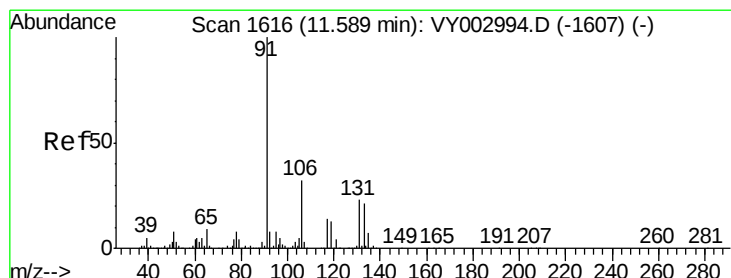
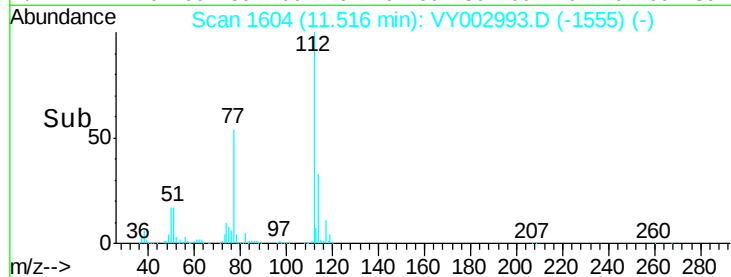
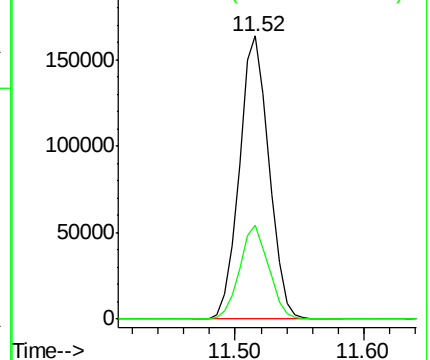
112 100

114 33.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.851 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

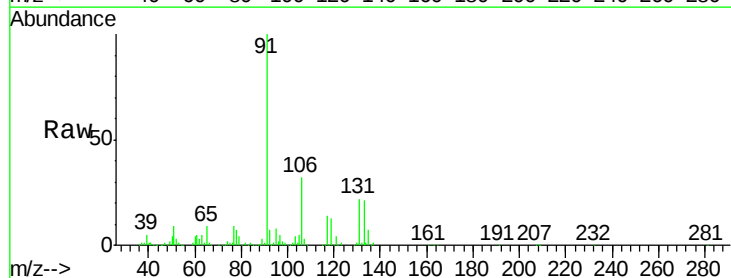
Tgt Ion:131 Resp: 105242

Ion Ratio Lower Upper

131 100

133 95.6 48.2 144.6

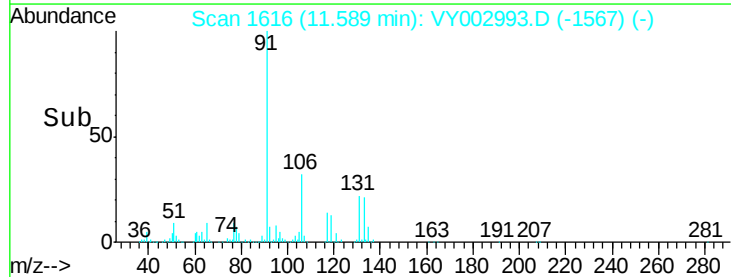
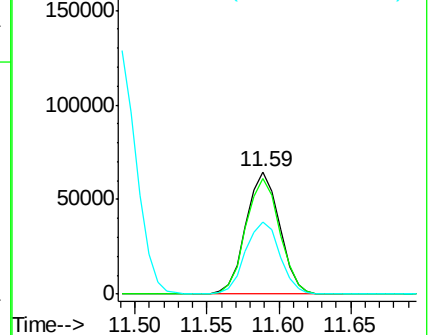
119 60.1 30.1 90.5

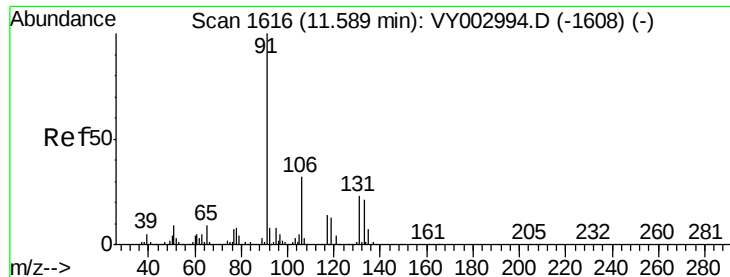


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 22.131 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

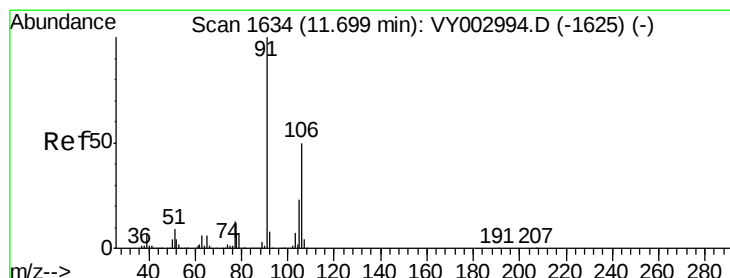
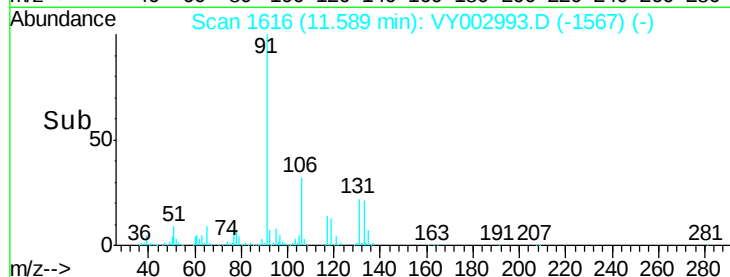
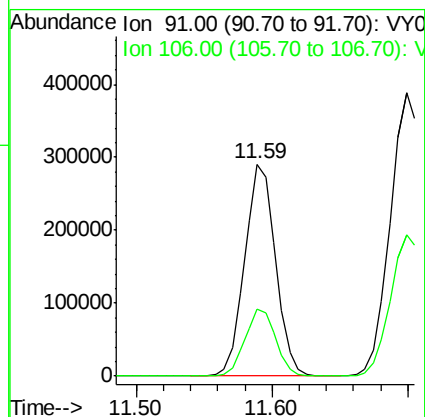
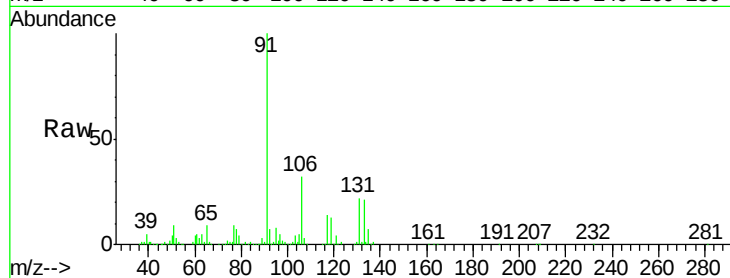
VSTDIC020

Tgt Ion: 91 Resp: 460965

Ion Ratio Lower Upper

91 100

106 31.7 25.9 38.9



#68

m/p-Xylenes

Concen: 43.673 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002993.D

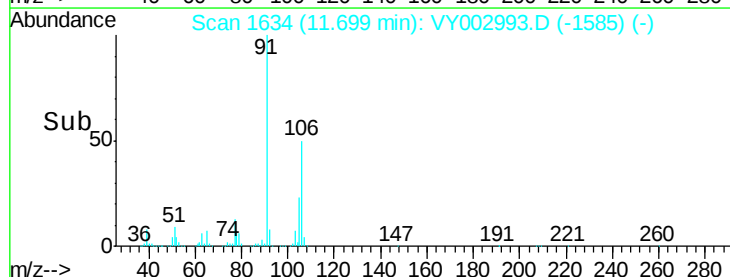
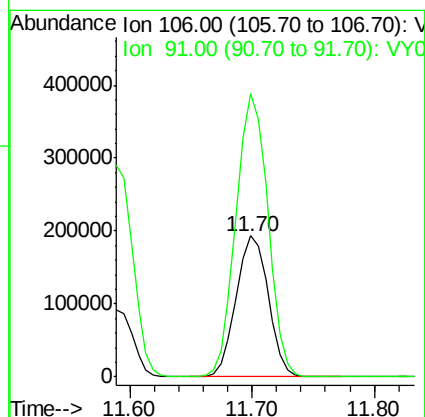
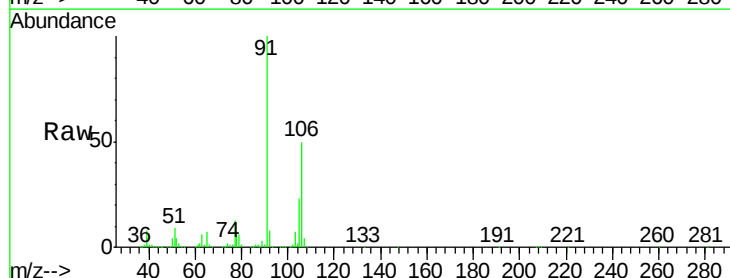
Acq: 25 Jun 2020 12:11

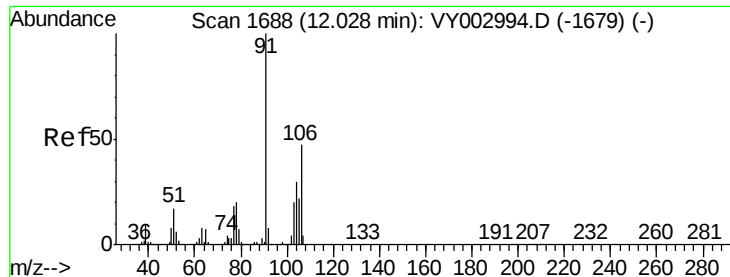
Tgt Ion: 106 Resp: 352628

Ion Ratio Lower Upper

106 100

91 199.5 160.0 240.0

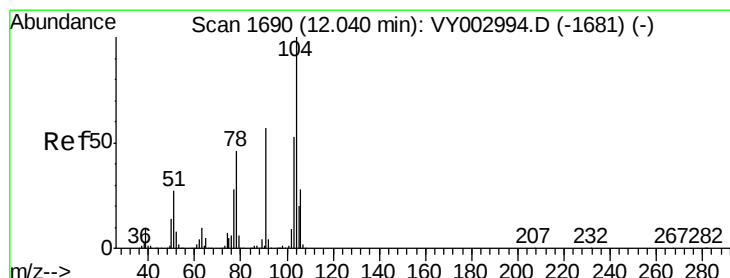
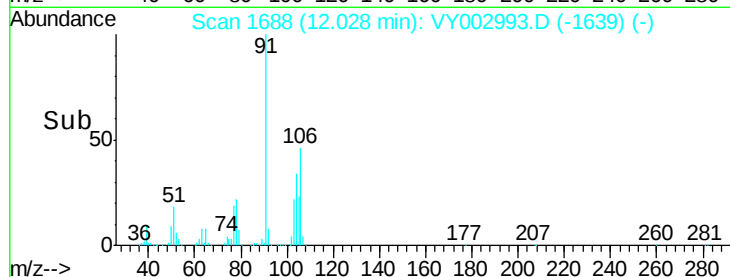
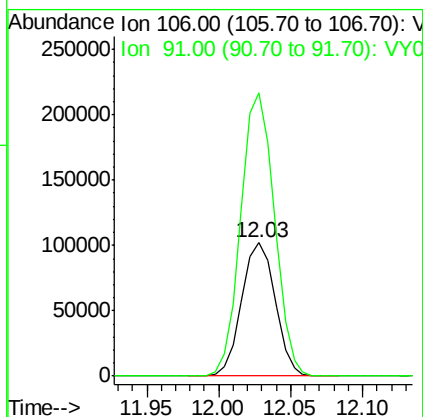
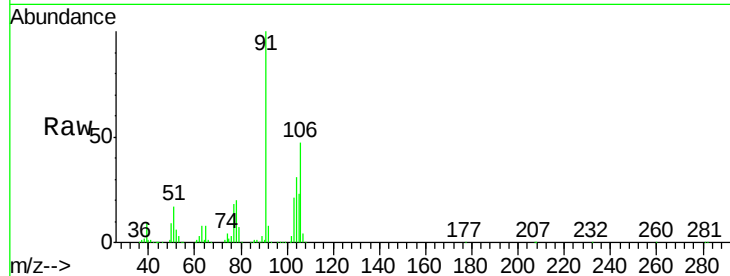




#69
o-Xylene
Concen: 21.640 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

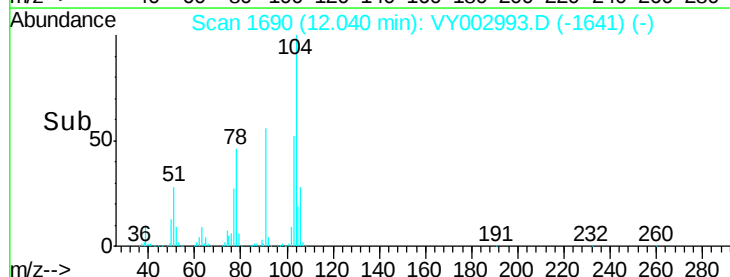
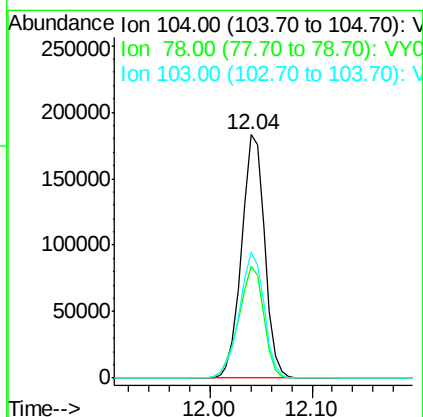
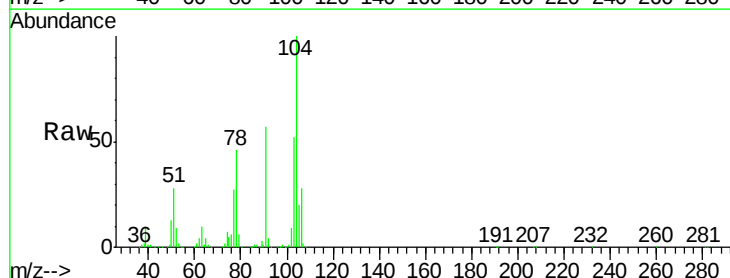
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

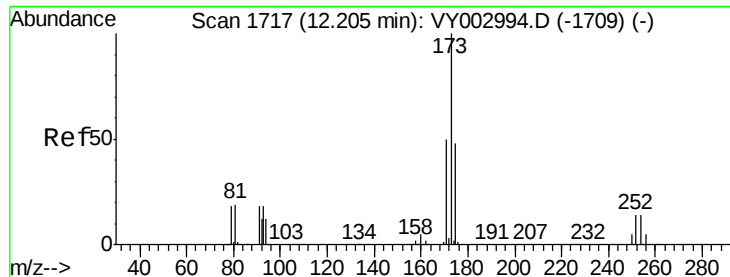
Tgt Ion:106 Resp: 164742
Ion Ratio Lower Upper
106 100
91 213.2 105.8 317.3



#70
Styrene
Concen: 21.761 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion:104 Resp: 286162
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.4 44.3 66.5





#71

Bromoform

Concen: 22.510 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC020

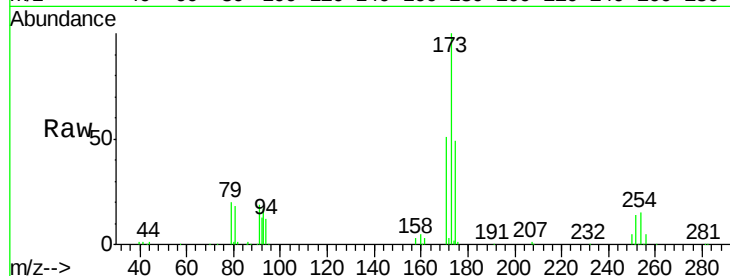
Tgt Ion:173 Resp: 70359

Ion Ratio Lower Upper

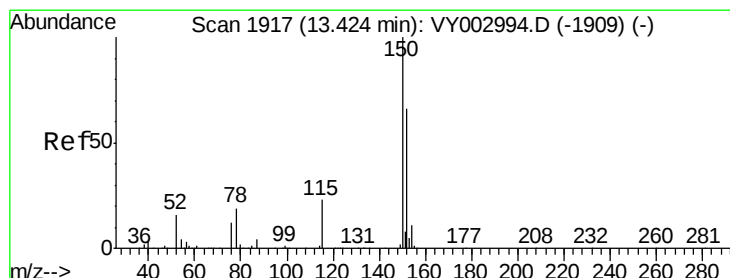
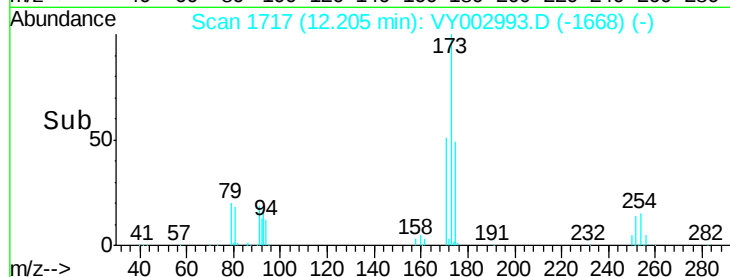
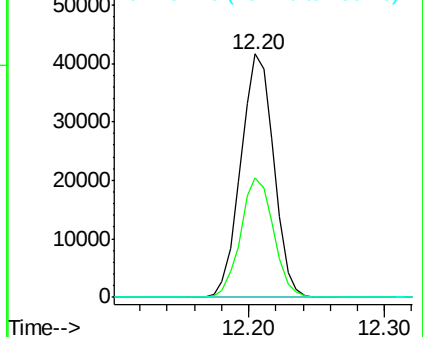
173 100

175 49.1 24.1 72.2

254 0.2 0.2 0.4#



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: VY002993.D

Acq: 25 Jun 2020 12:11

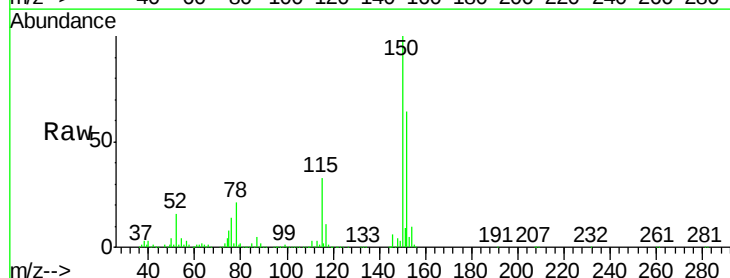
Tgt Ion:152 Resp: 353846

Ion Ratio Lower Upper

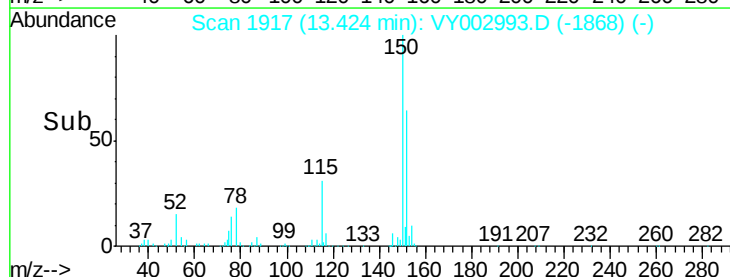
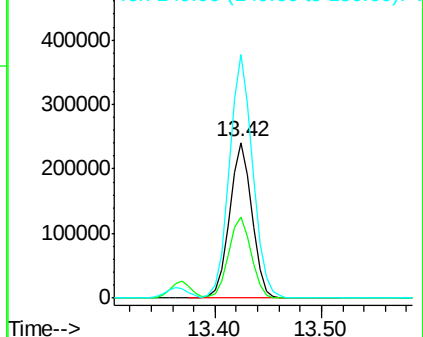
152 100

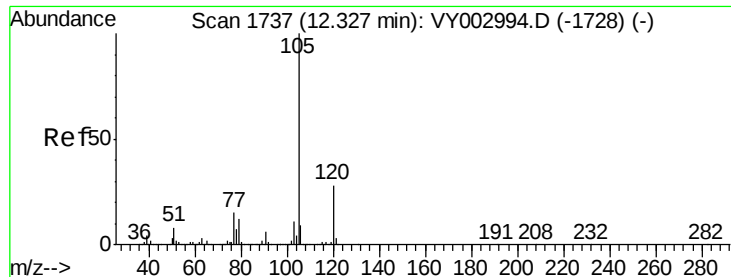
115 52.9 26.3 78.8

150 163.5 0.0 346.4



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: 21.224 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

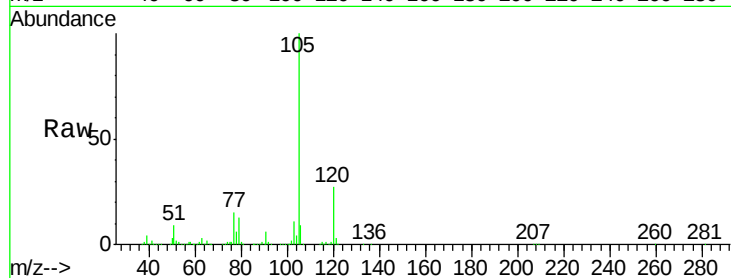
VSTDIC020

Tgt Ion:105 Resp: 457284

Ion Ratio Lower Upper

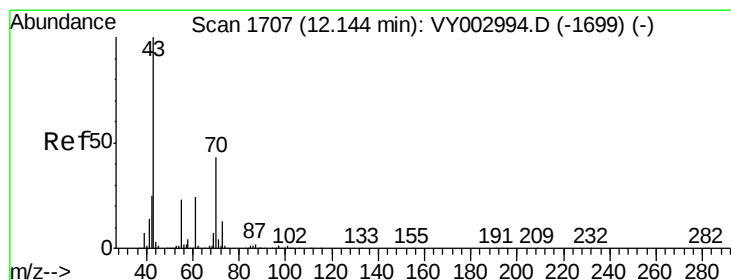
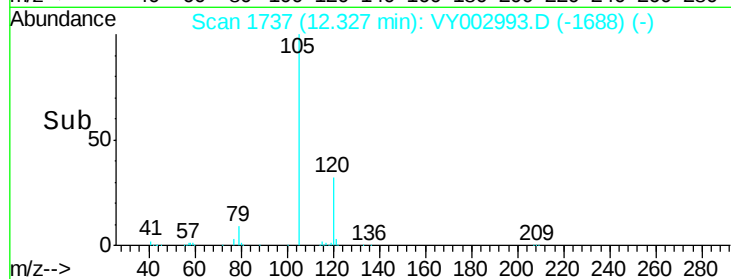
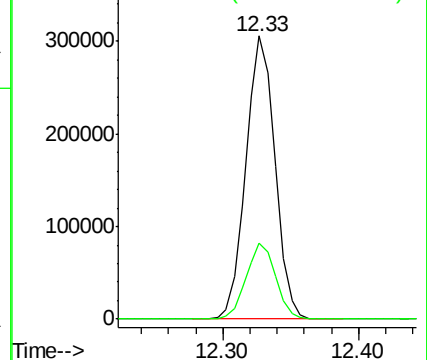
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.464 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Tgt Ion: 43 Resp: 115667

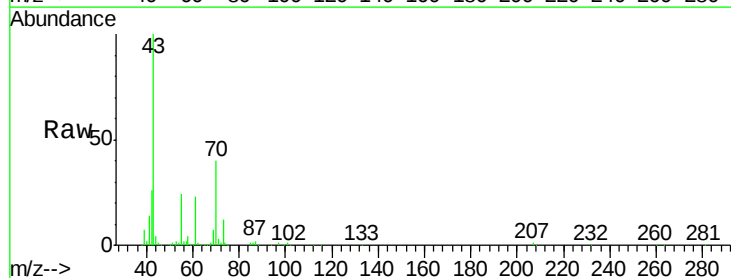
Ion Ratio Lower Upper

43 100

70 43.6 34.4 51.6

55 24.2 18.8 28.2

61 24.1 19.7 29.5

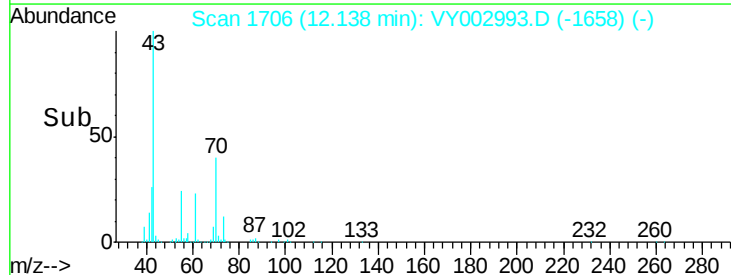
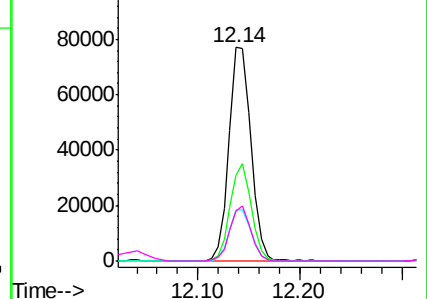


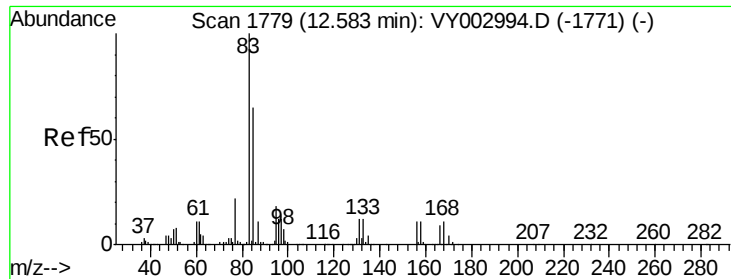
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 18.772 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

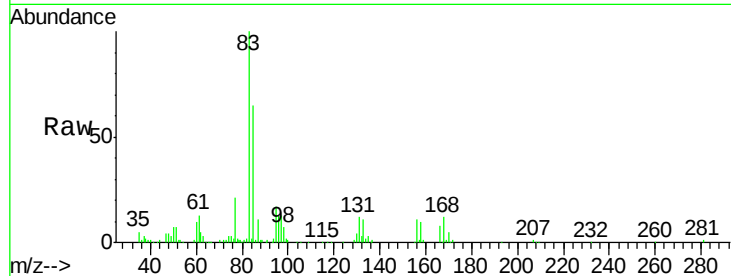
Tgt Ion: 83 Resp: 74945

Ion Ratio Lower Upper

83 100

131 13.2 6.3 18.8

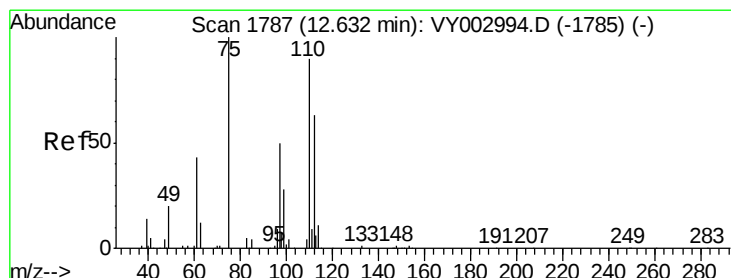
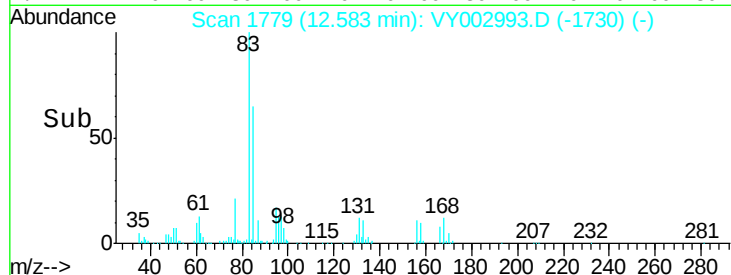
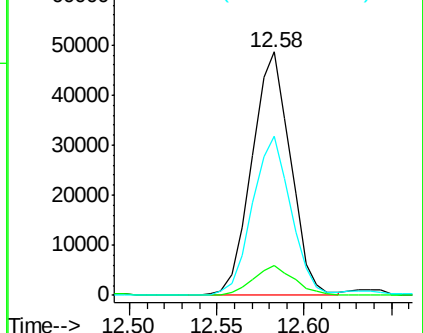
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VY002993.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002993.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002993.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 36.022 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002993.D

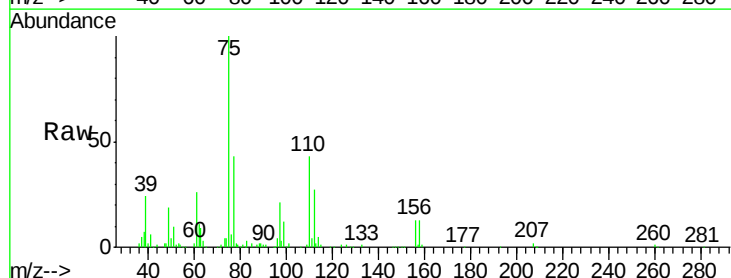
Acq: 25 Jun 2020 12:11

Tgt Ion: 75 Resp: 110291

Ion Ratio Lower Upper

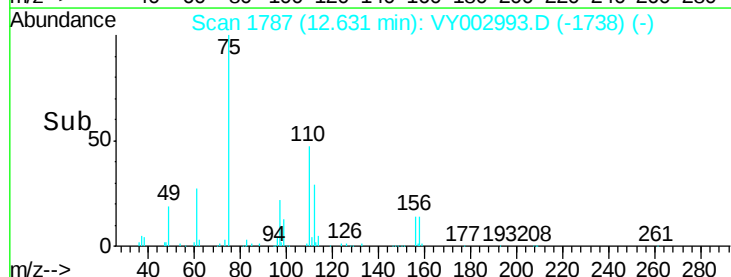
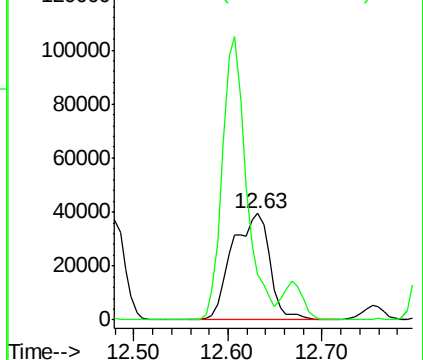
75 100

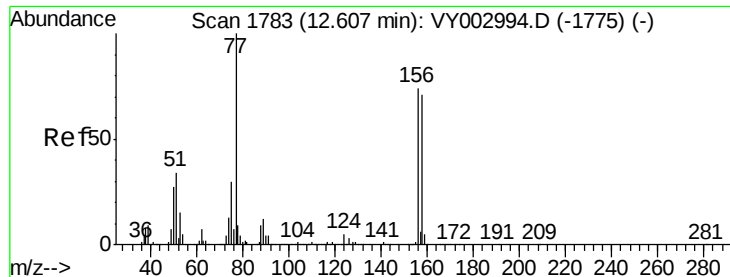
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002993.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002993.D (-1738) (-)





#77

Bromobenzene

Concen: 21.560 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

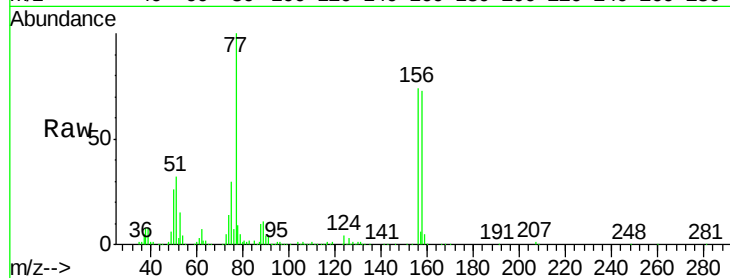
Tgt Ion:156 Resp: 123251

Ion Ratio Lower Upper

156 100

77 151.7 77.3 231.9

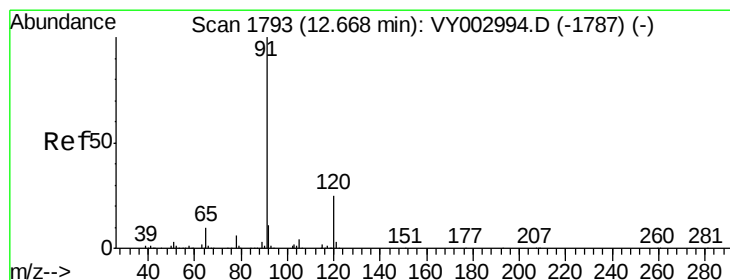
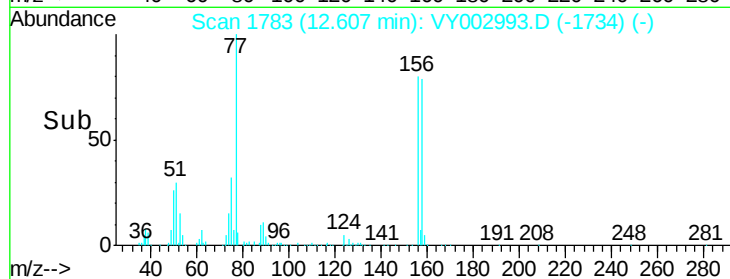
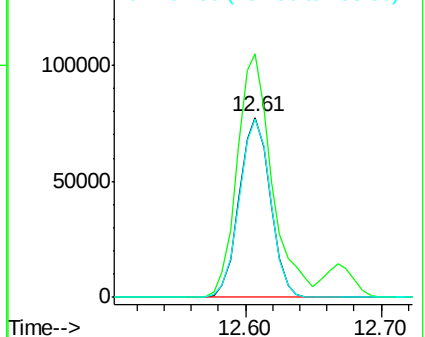
158 99.4 48.9 146.8



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: 21.431 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002993.D

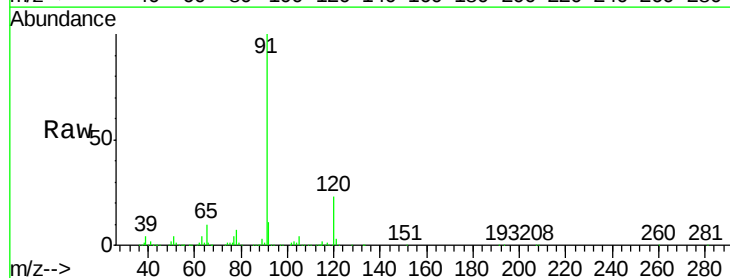
Acq: 25 Jun 2020 12:11

Tgt Ion: 91 Resp: 535398

Ion Ratio Lower Upper

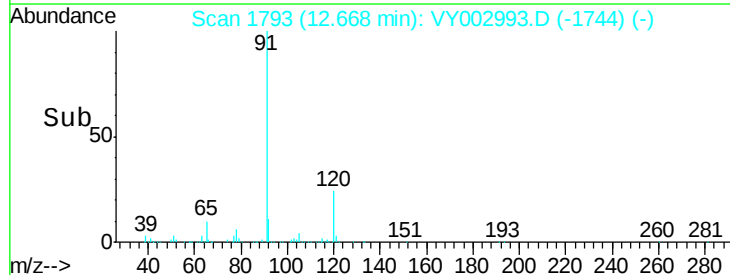
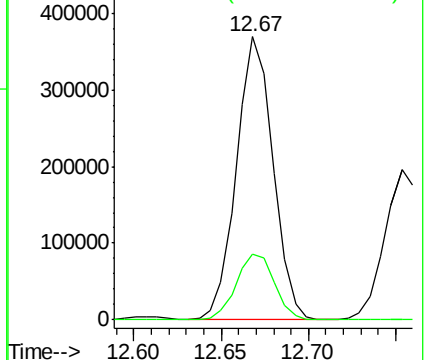
91 100

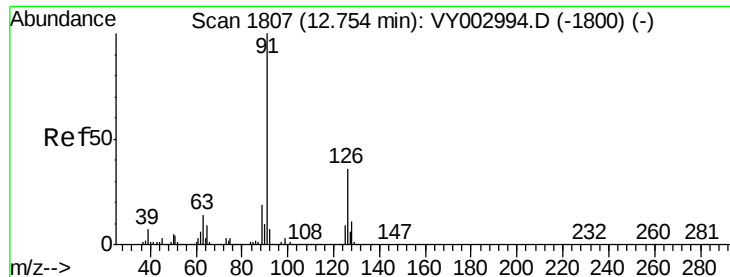
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.464 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

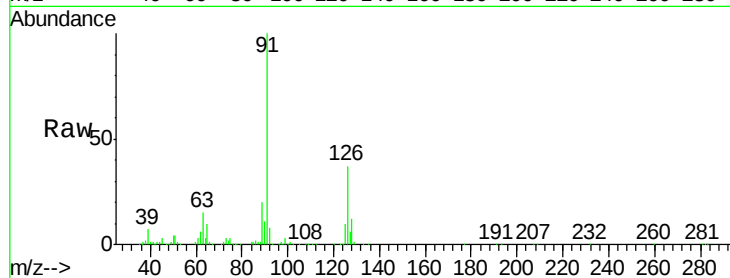
VSTDIC020

Tgt Ion: 91 Resp: 300641

Ion Ratio Lower Upper

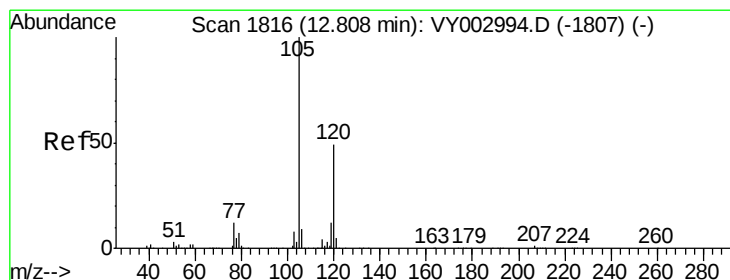
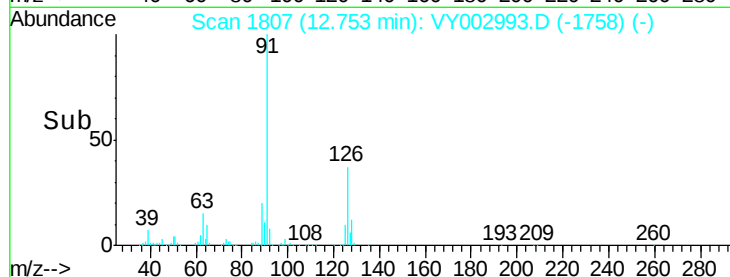
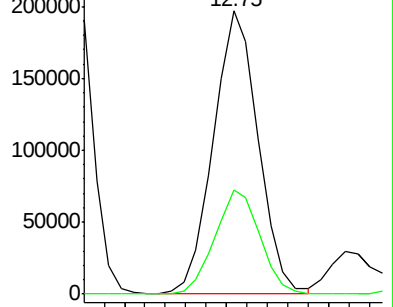
91 100

126 36.8 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002993.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002993.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.910 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002993.D

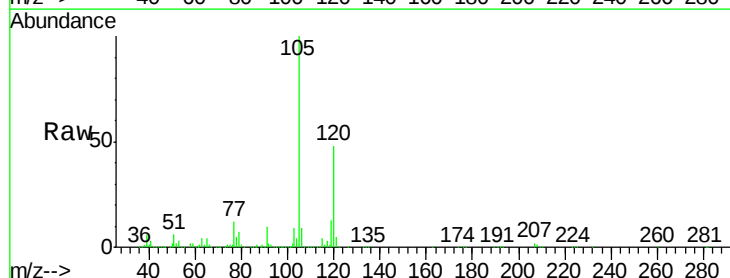
Acq: 25 Jun 2020 12:11

Tgt Ion: 105 Resp: 414474

Ion Ratio Lower Upper

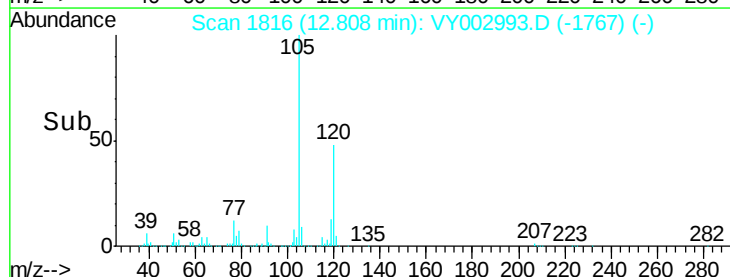
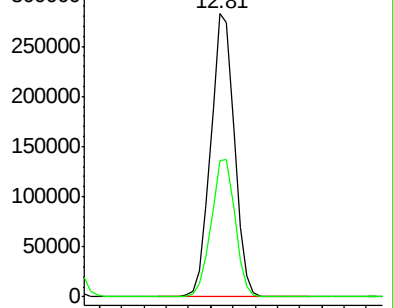
105 100

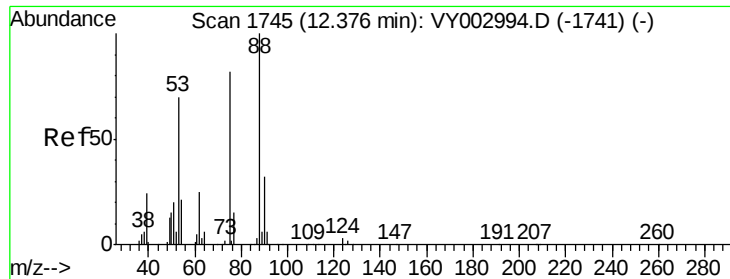
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VY002993.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY002993.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.589 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

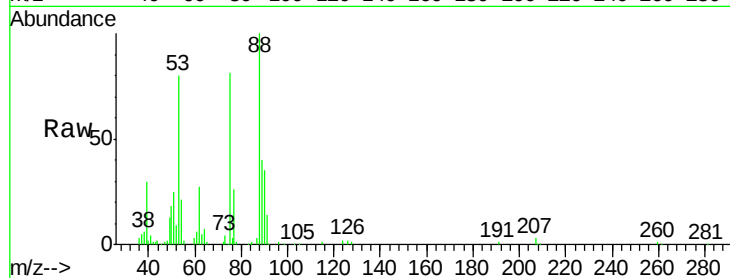
Tgt Ion: 75 Resp: 29403

Ion Ratio Lower Upper

75 100

53 90.9 72.2 108.4

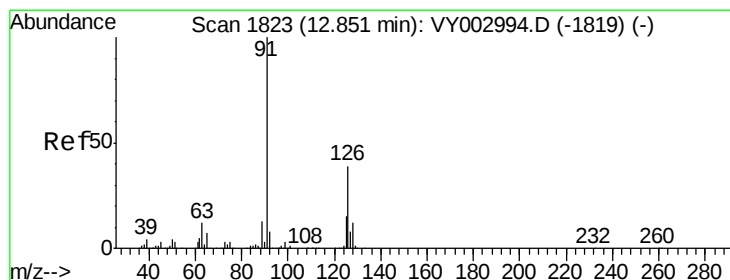
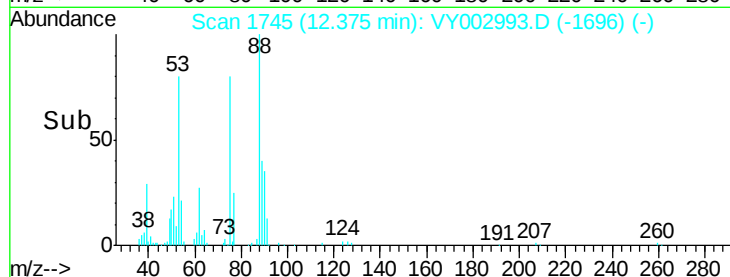
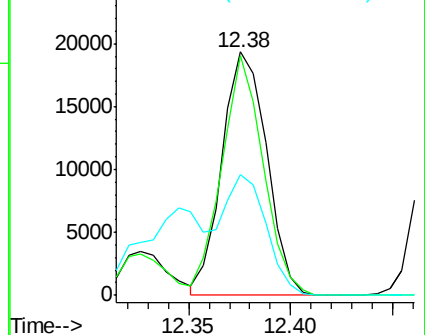
89 50.3 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.742 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002993.D

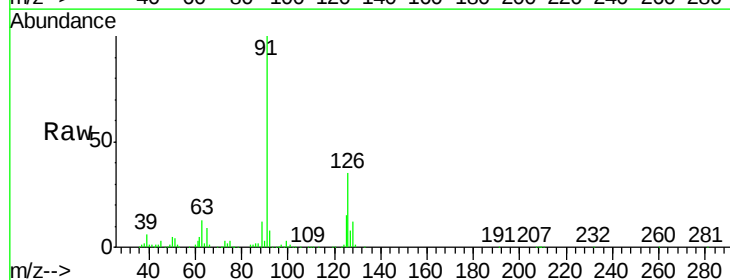
Acq: 25 Jun 2020 12:11

Tgt Ion: 91 Resp: 320366

Ion Ratio Lower Upper

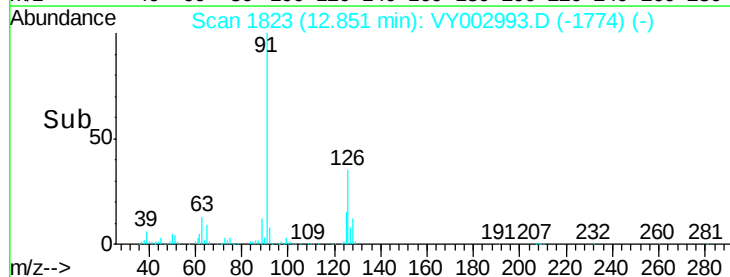
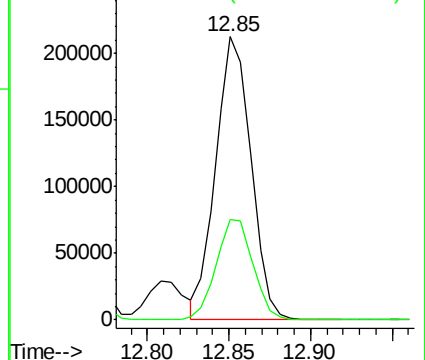
91 100

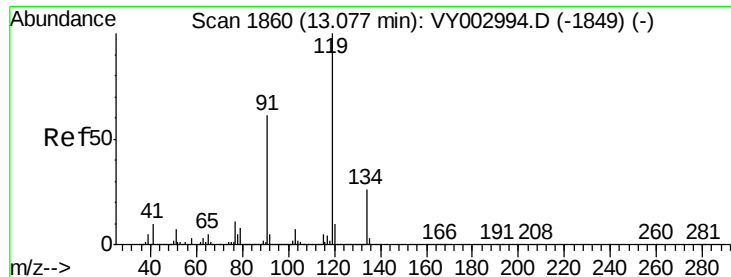
126 37.1 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

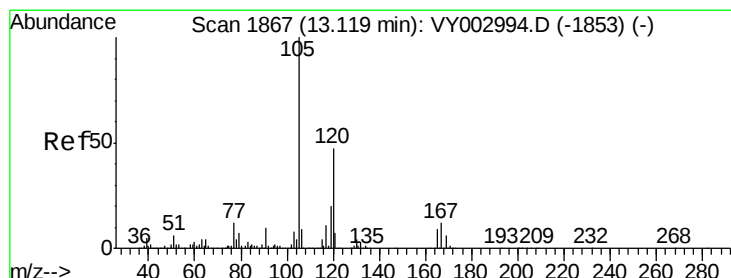
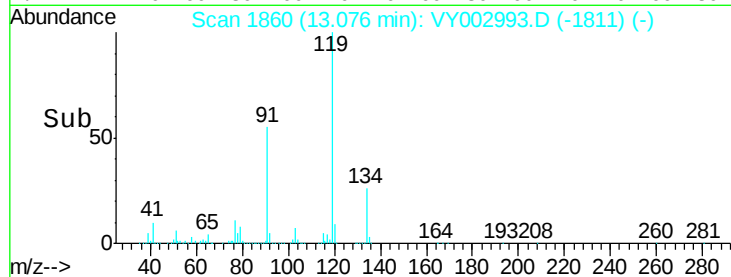
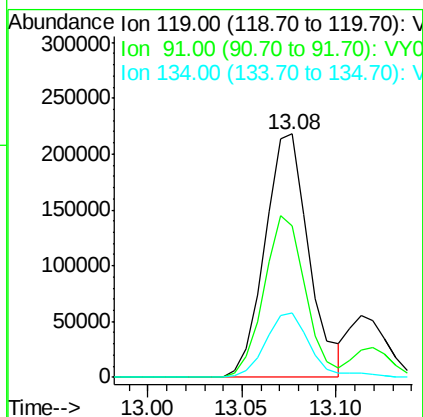
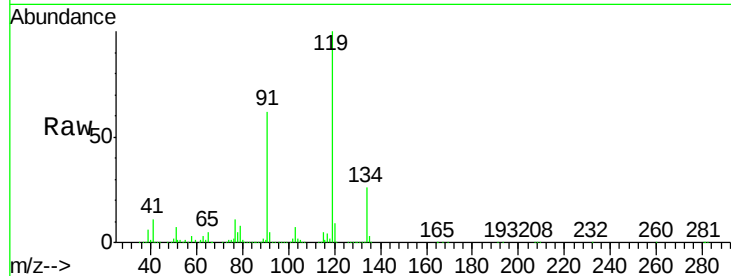




#83
tert-Butylbenzene
Concen: 21.681 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

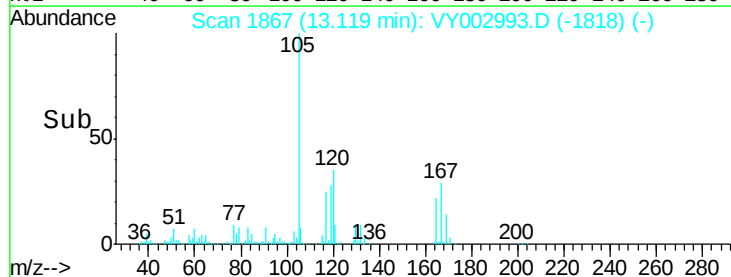
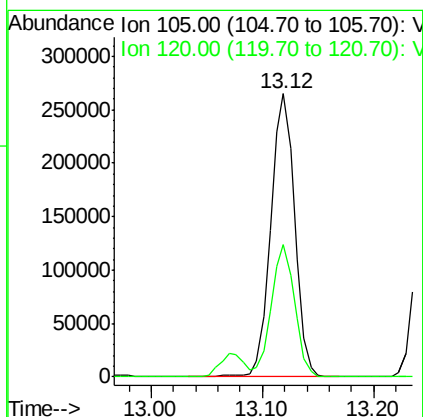
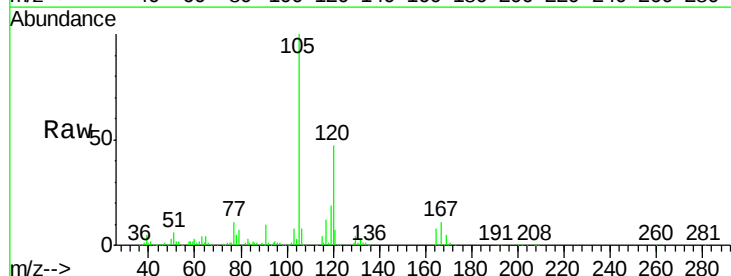
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

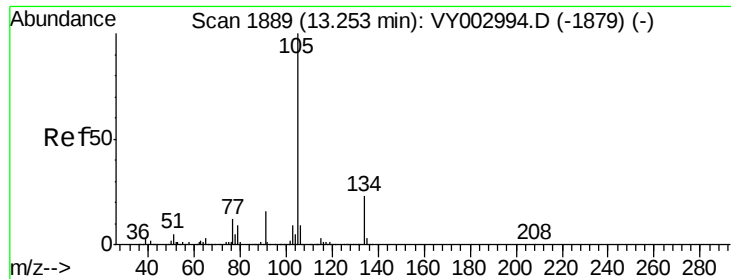
Tgt Ion:119 Resp: 353127
Ion Ratio Lower Upper
119 100
91 62.6 31.4 94.2
134 27.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.794 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion:105 Resp: 396553
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

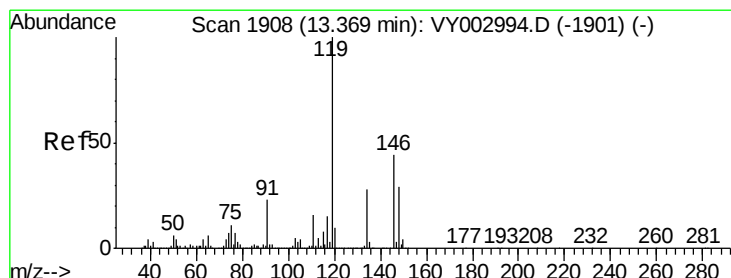
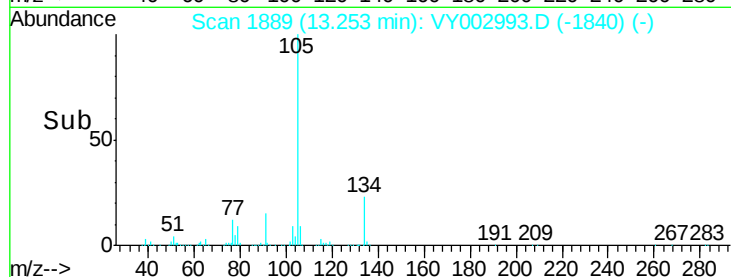
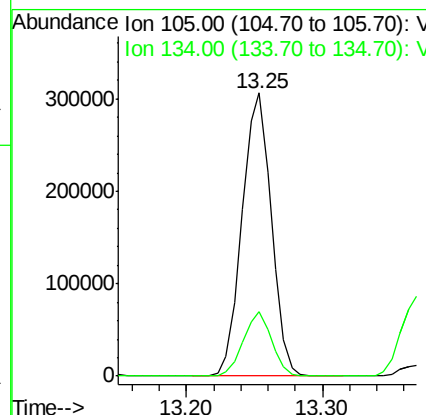
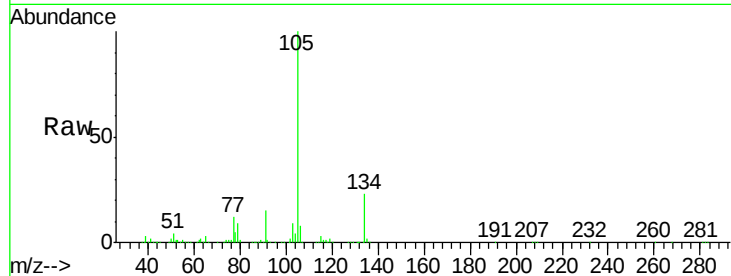




#85
 sec-Butylbenzene
 Concen: 21.069 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

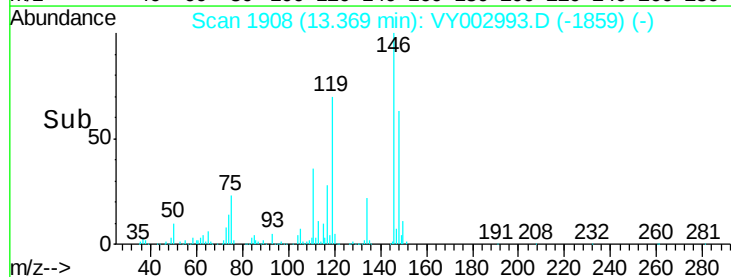
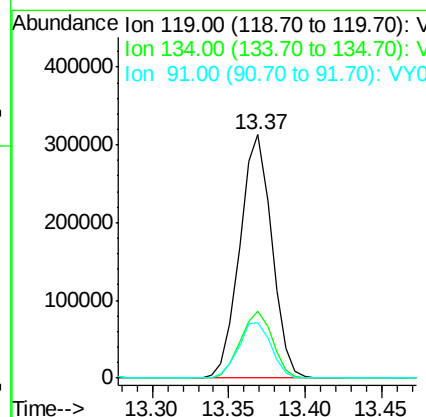
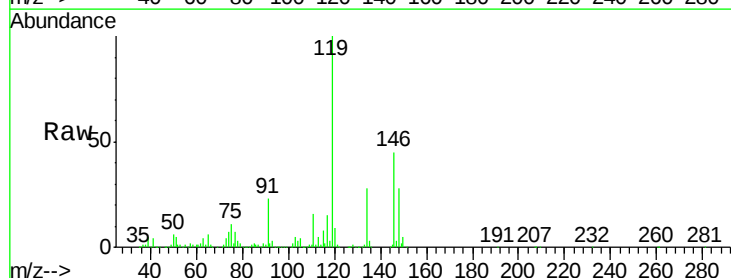
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

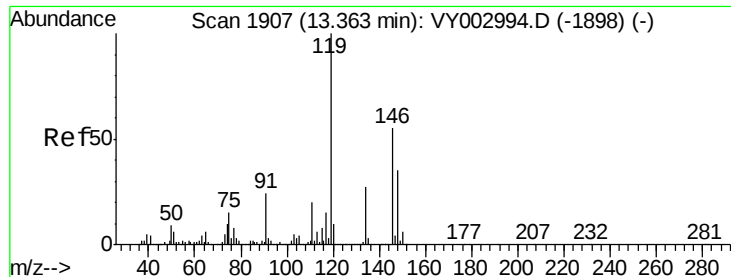
Tgt Ion:105 Resp: 459691
 Ion Ratio Lower Upper
 105 100
 134 22.0 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 22.009 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion:119 Resp: 452645
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.8 41.4
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.292 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

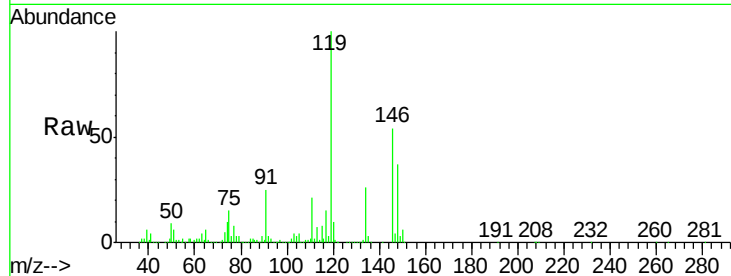
Tgt Ion:146 Resp: 238263

Ion Ratio Lower Upper

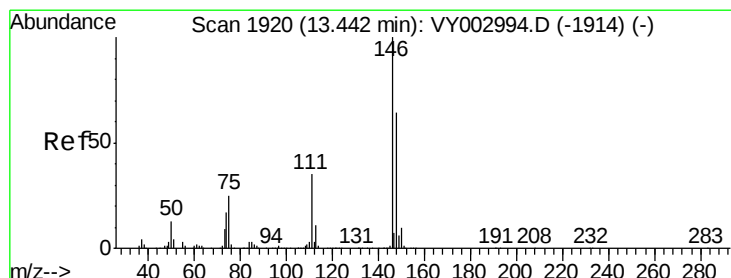
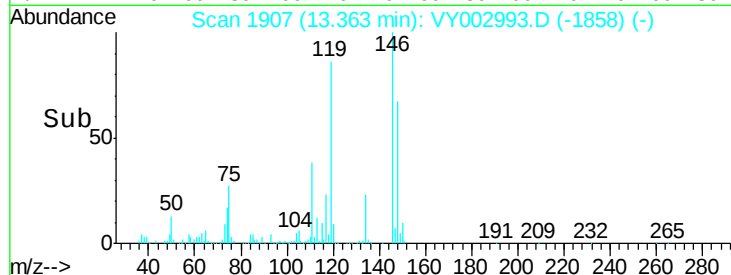
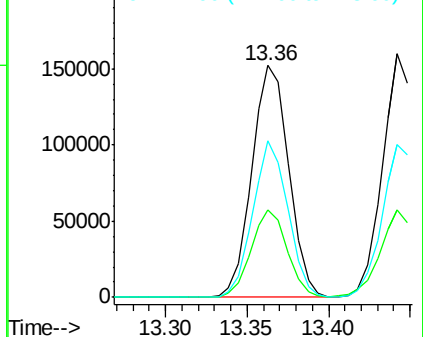
146 100

111 36.9 18.4 55.2

148 64.2 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 21.963 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

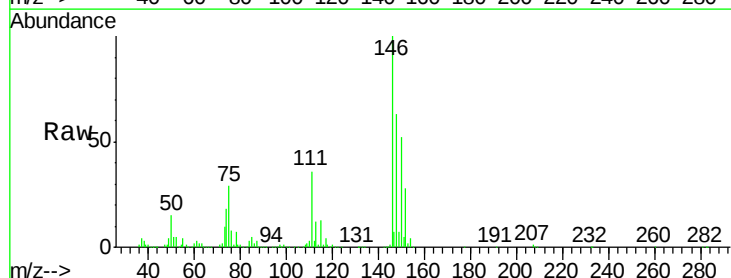
Tgt Ion:146 Resp: 236453

Ion Ratio Lower Upper

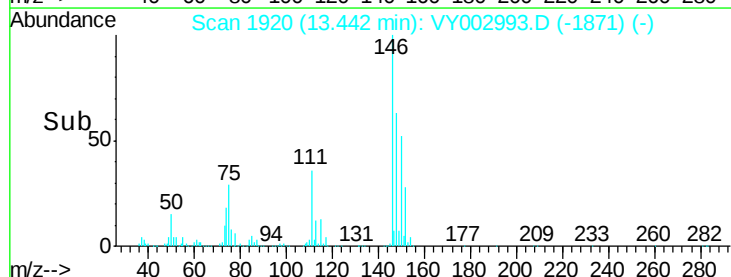
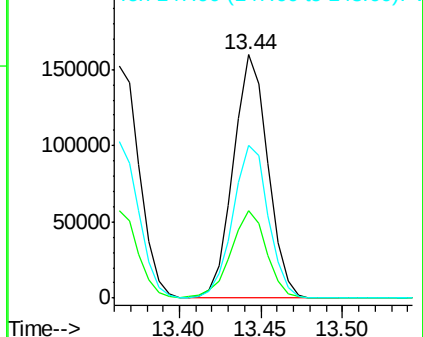
146 100

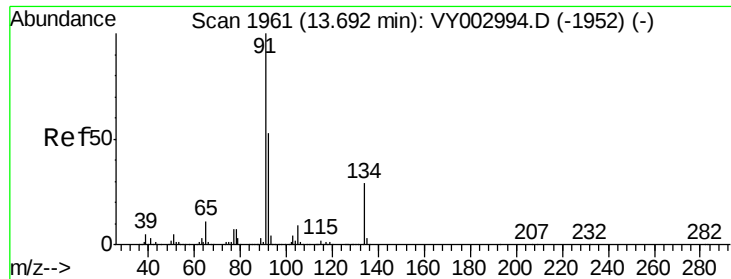
111 36.6 17.8 53.4

148 64.4 32.3 96.8



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





#89

n-Butylbenzene

Concen: 21.190 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

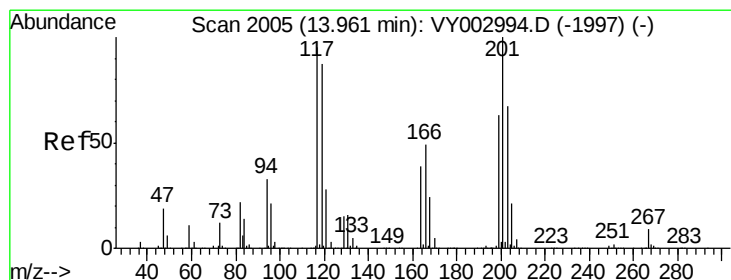
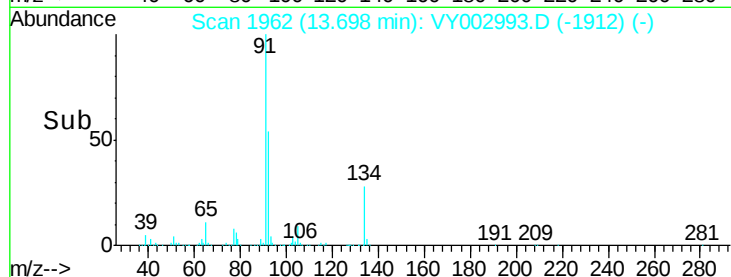
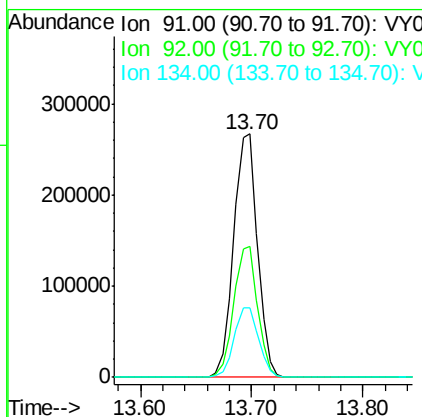
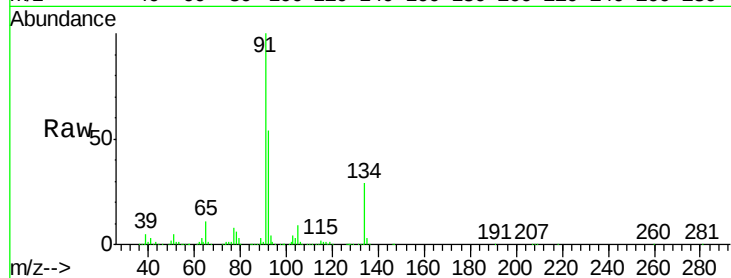
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:	91	Resp:	395347
Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.6
134	29.3	14.9	44.7



#90

Hexachloroethane

Concen: 21.766 ug/l

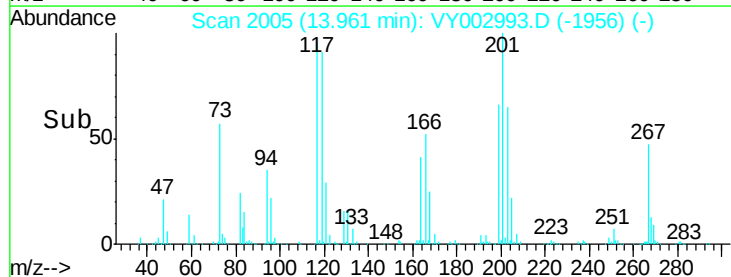
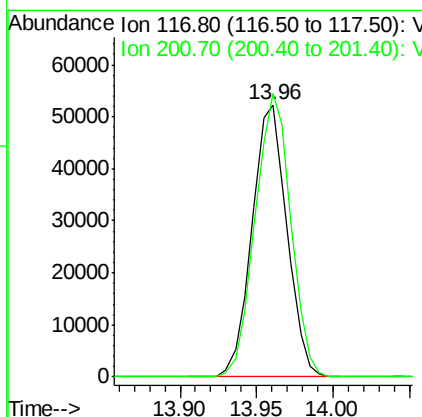
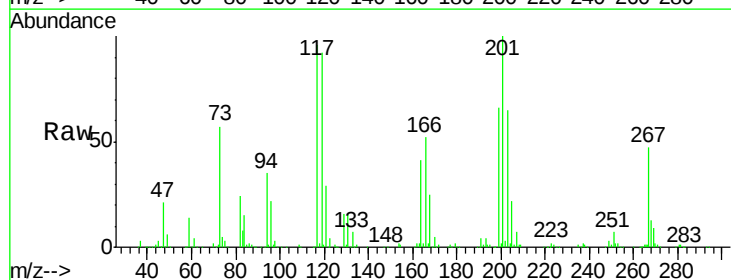
RT: 13.96 min Scan# 2005

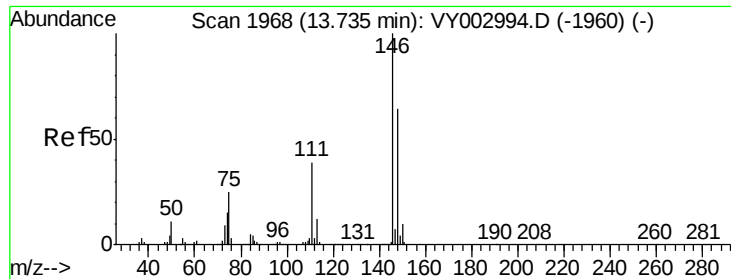
Delta R.T. -0.00 min

Lab File: VY002993.D

Acq: 25 Jun 2020 12:11

Tgt Ion:	117	Resp:	83103
Ion	Ratio	Lower	Upper
117	100		
201	106.2	53.8	161.5

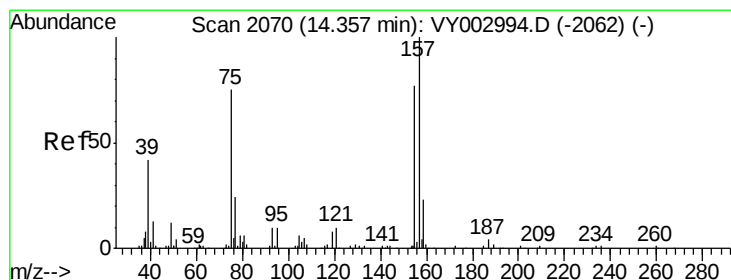
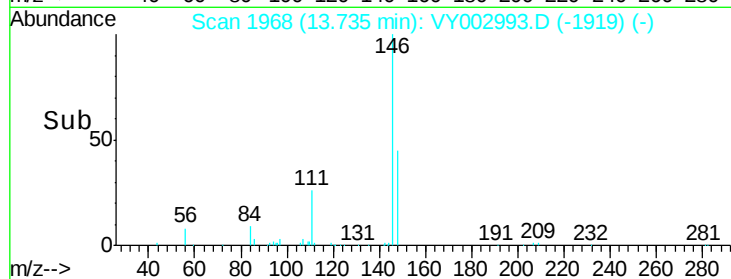
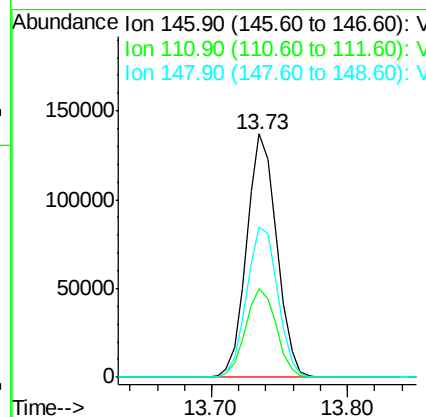
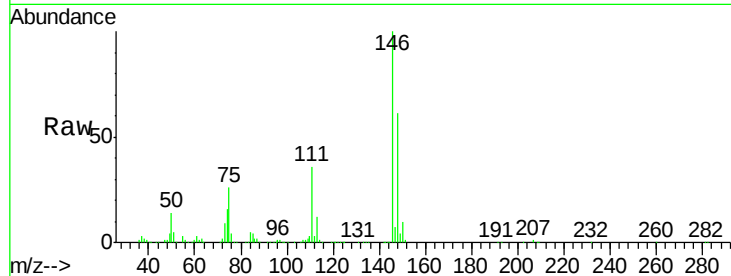




#91
 1,2-Dichlorobenzene
 Concen: 21.698 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

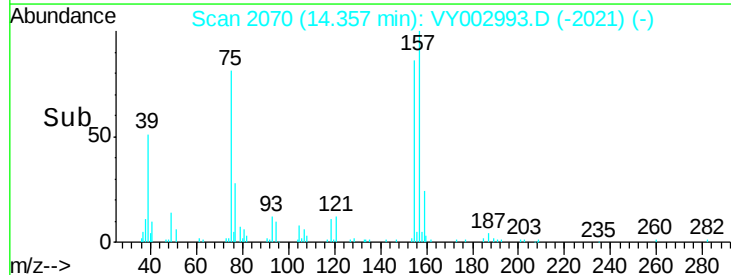
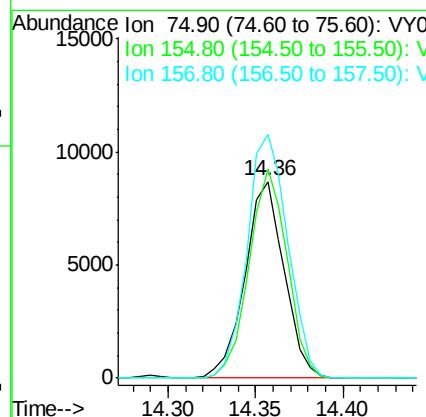
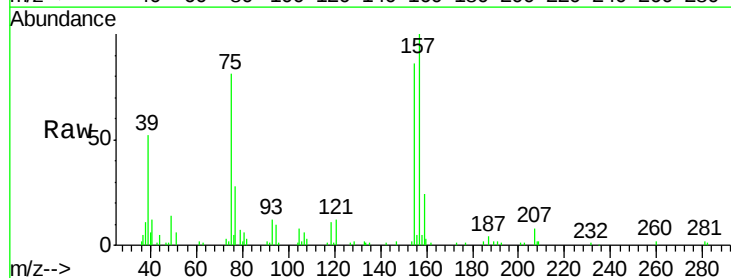
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

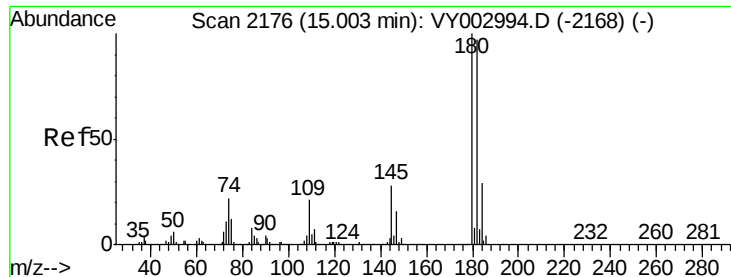
Tgt Ion: 146 Resp: 211980
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.397 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion: 75 Resp: 13514
 Ion Ratio Lower Upper
 75 100
 155 103.4 51.3 153.9
 157 128.6 65.0 195.1

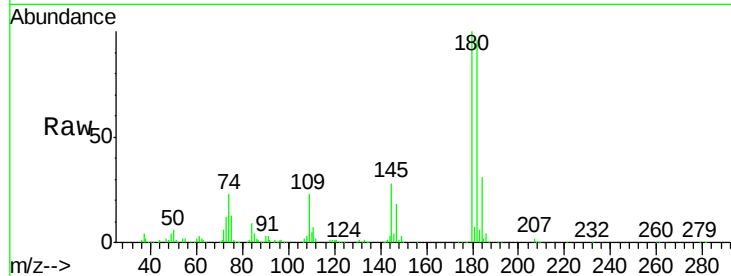




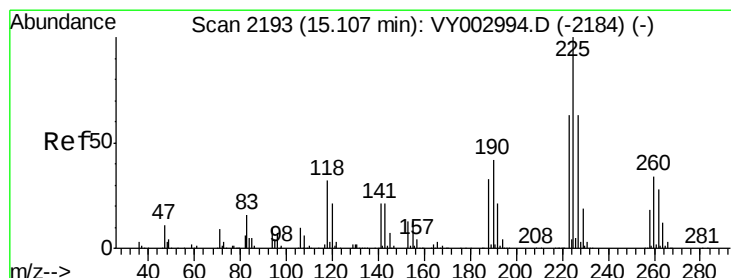
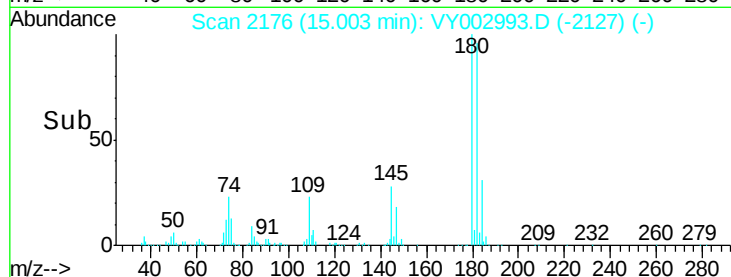
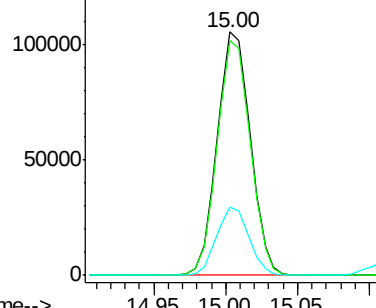
#93
 1,2,4-Trichlorobenzene
 Concen: 23.190 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 167804
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.4 145.2
 145 27.5 13.5 40.5

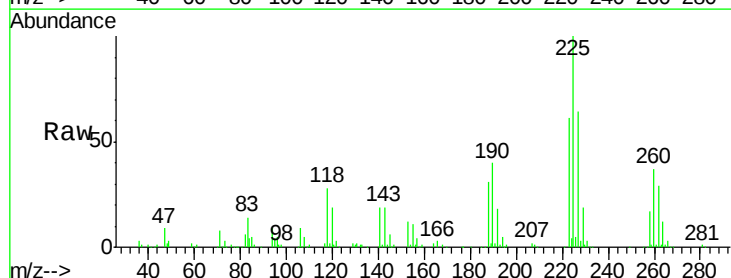


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

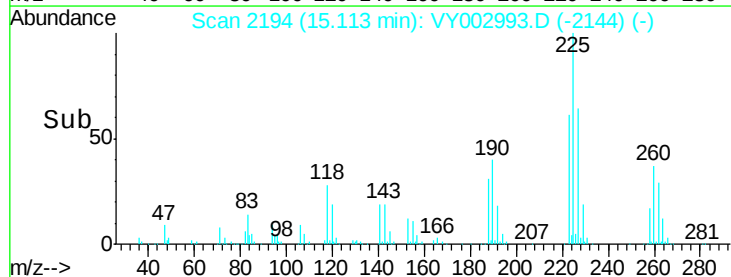
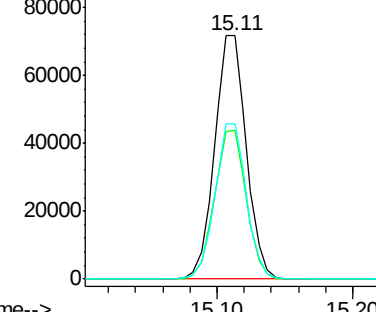


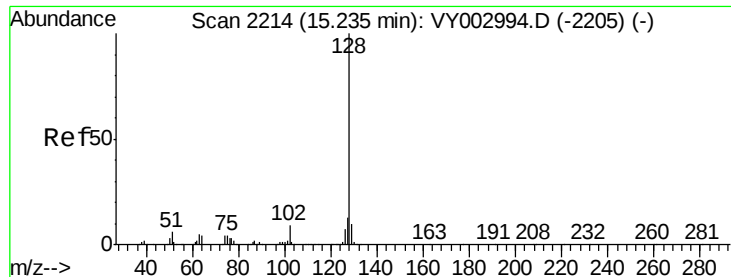
#94
 Hexachlorobutadiene
 Concen: 26.861 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002993.D
 Acq: 25 Jun 2020 12:11

Tgt Ion:225 Resp: 116088
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 94.8
 227 63.5 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

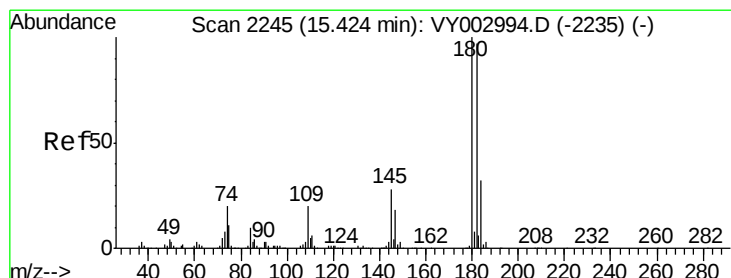
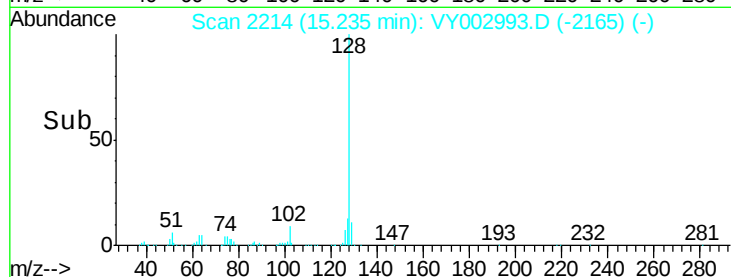
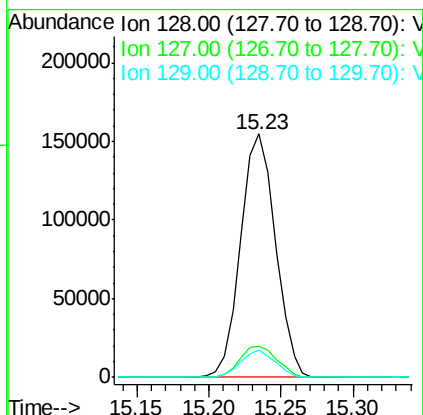
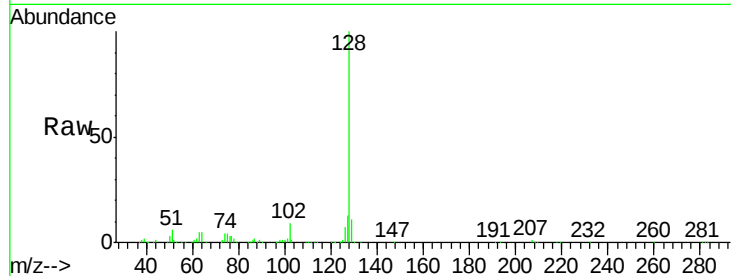




#95
Naphthalene
Concen: 18.470 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.095 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002993.D
Acq: 25 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.1	141.4
145	28.3	14.0	42.0

