

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003368.D
 Acq On : 27 Jul 2020 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 05:51:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	629021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	585061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	194299	57.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.84%	
35) Dibromofluoromethane	7.72	113	184462	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.18	98	650635	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.48	95	243064	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	112373	39.106	ug/l	97
3) Chloromethane	2.12	50	185162	46.455	ug/l	97
4) Vinyl Chloride	2.25	62	189367	46.305	ug/l	99
5) Bromomethane	2.65	94	171953	56.608	ug/l	99
6) Chloroethane	2.79	64	135246	50.351	ug/l	99
7) Trichlorofluoromethane	3.13	101	286782	49.104	ug/l	97
8) Diethyl Ether	3.54	74	115091	58.808	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	173666	49.235	ug/l	99
10) Methyl Iodide	4.10	142	161027	42.020	ug/l	99
11) Tert butyl alcohol	4.96	59	115758	316.353	ug/l	99
12) 1,1-Dichloroethene	3.88	96	170451	51.091	ug/l	99
13) Acrolein	3.74	56	65372	205.829	ug/l	100
14) Allyl chloride	4.49	41	295619	59.716	ug/l	95
15) Acrylonitrile	5.17	53	319607	339.973	ug/l	100
16) Acetone	3.95	43	242660	321.031	ug/l	96
17) Carbon Disulfide	4.20	76	484847	47.360	ug/l	99
18) Methyl Acetate	4.48	43	154859	73.772	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	571616	61.139	ug/l	99
20) Methylene Chloride	4.72	84	226938	60.866	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	199645	52.907	ug/l	93
22) Diisopropyl ether	6.13	45	700477	63.756	ug/l	96
23) Vinyl Acetate	6.07	43	2295458	313.458	ug/l	99
24) 1,1-Dichloroethane	6.02	63	376978	59.225	ug/l	99
25) 2-Butanone	7.00	43	420360	338.705	ug/l	99
26) 2,2-Dichloropropane	6.99	77	295174	51.493	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	236806	56.997	ug/l	98
28) Bromochloromethane	7.34	49	172651	62.650	ug/l	97
29) Tetrahydrofuran	7.35	42	279084	334.739	ug/l	98
30) Chloroform	7.51	83	387917	59.172	ug/l	97
31) Cyclohexane	7.79	56	300661	48.848	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	329232	55.784	ug/l	99
36) 1,1-Dichloropropene	7.92	75	281333	49.348	ug/l	99
37) Ethyl Acetate	7.08	43	192705	62.767	ug/l	97
38) Carbon Tetrachloride	7.91	117	292574	49.711	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	324204	45.269	ug/l	95
40) Benzene	8.16	78	834157	53.139	ug/l	96
41) Methacrylonitrile	7.33	41	102015m	55.171	ug/l	
42) 1,2-Dichloroethane	8.24	62	265488	54.936	ug/l	99
43) Isopropyl Acetate	8.27	43	359185	60.441	ug/l	98
44) Trichloroethene	8.94	130	235571	48.953	ug/l	95
45) 1,2-Dichloropropane	9.22	63	228677	56.299	ug/l	99
46) Dibromomethane	9.30	93	132485	55.845	ug/l	98
47) Bromodichloromethane	9.50	83	315412	55.901	ug/l	100
48) Methyl methacrylate	9.30	41	161257	60.698	ug/l	98
49) 1,4-Dioxane	9.30	88	36887	1225.105	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	958040	310.161	ug/l	99
52) Toluene	10.24	92	528798	52.704	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	326602	55.868	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	364689	54.143	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	188872	56.183	ug/l	97
56) Ethyl methacrylate	10.51	69	270848	59.261	ug/l	97
57) 1,3-Dichloropropane	10.79	76	324583	56.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695392	298.336	ug/l	98
59) 2-Hexanone	10.83	43	671166	311.267	ug/l	100
60) Dibromochloromethane	10.99	129	238852	56.490	ug/l	100
61) 1,2-Dibromoethane	11.09	107	182794	55.093	ug/l	100
64) Tetrachloroethene	10.72	164	241262	46.249	ug/l	99
65) Chlorobenzene	11.52	112	593553	52.662	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	237679	54.295	ug/l	99
67) Ethyl Benzene	11.59	91	1036009	51.481	ug/l	100
68) m/p-Xylenes	11.70	106	781206	102.310	ug/l	99
69) o-Xylene	12.03	106	380039	53.276	ug/l	100
70) Styrene	12.04	104	664560	54.460	ug/l	99
71) Bromoform	12.20	173	162199	56.454	ug/l #	99
73) Isopropylbenzene	12.33	105	1020898	51.377	ug/l	100
74) N-amyl acetate	12.14	43	322723	57.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	224681	58.545	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	155923m	56.492	ug/l	
77) Bromobenzene	12.61	156	271093	53.522	ug/l	99
78) n-propylbenzene	12.67	91	1206948	51.529	ug/l	99
79) 2-Chlorotoluene	12.75	91	681125	52.120	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	863087	52.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78449	55.316	ug/l	96
82) 4-Chlorotoluene	12.85	91	708961	51.976	ug/l	100
83) tert-Butylbenzene	13.07	119	745293	51.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	870220	52.223	ug/l	98
85) sec-Butylbenzene	13.25	105	1035575	51.560	ug/l	100
86) p-Isopropyltoluene	13.37	119	950218	50.669	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	502670	52.480	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	497685	52.481	ug/l	99
89) n-Butylbenzene	13.69	91	877281	49.733	ug/l	100
90) Hexachloroethane	13.96	117	191470	56.064	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	459751	54.695	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	35235	56.631	ug/l	99

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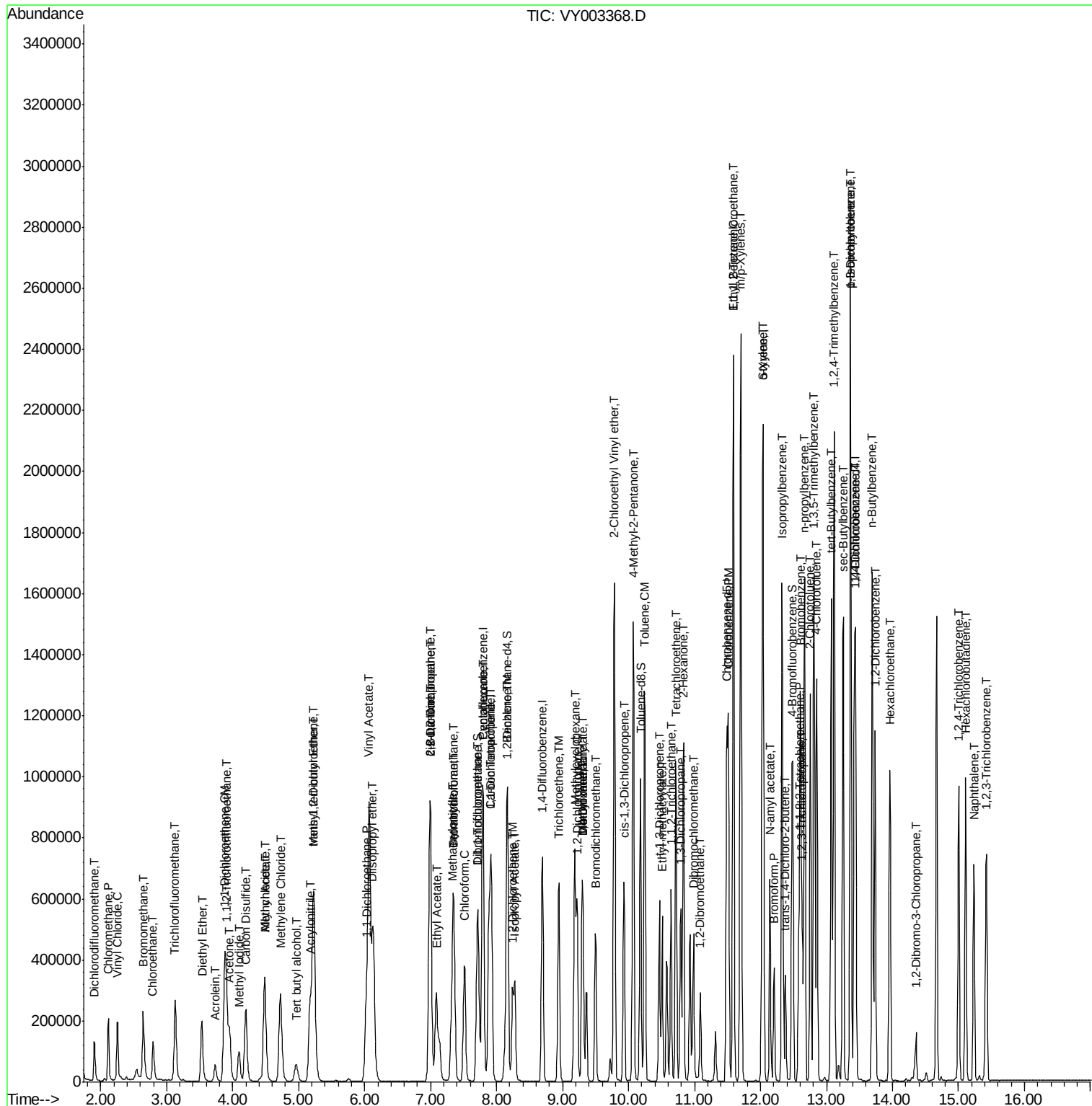
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	305712	51.124	ug/l	99
94) Hexachlorobutadiene	15.11	225	198206	48.373	ug/l	100
95) Naphthalene	15.23	128	571285	57.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	255065	53.959	ug/l	99

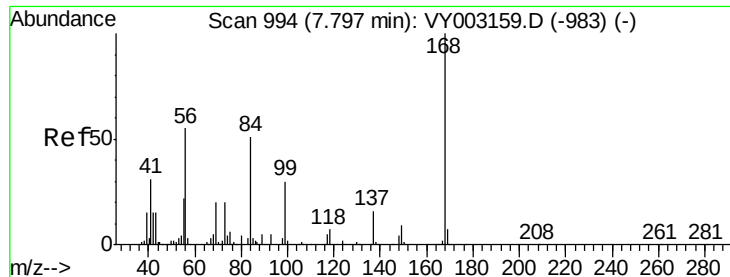
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

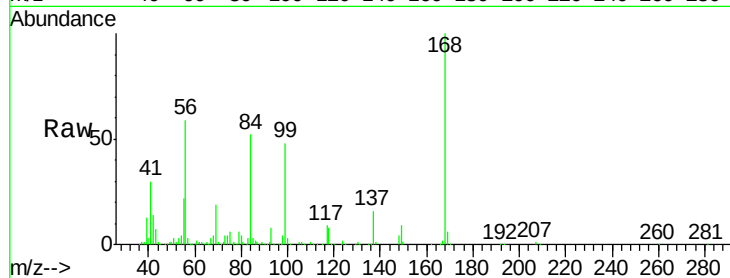
VSTDCCC050EC

Tot Ion:168 Resp: 400927

Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003368.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003368.D (-945) (-)

7.80

200000

150000

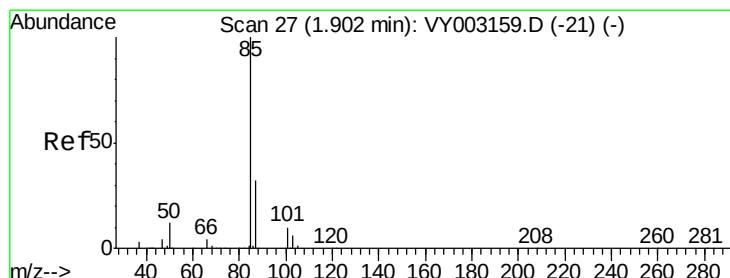
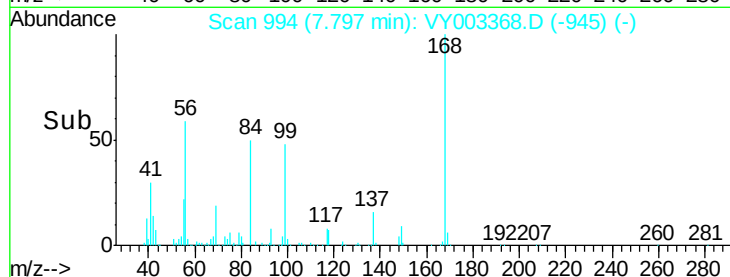
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 39.106 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003368.D

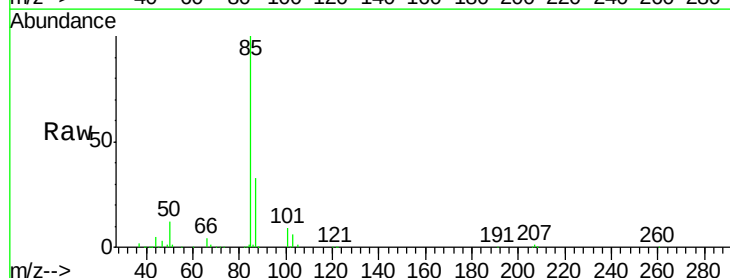
Acq: 27 Jul 2020 20:15

Tgt Ion: 85 Resp: 112373

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003368.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003368.D (-1) (-)

1.90

80000

60000

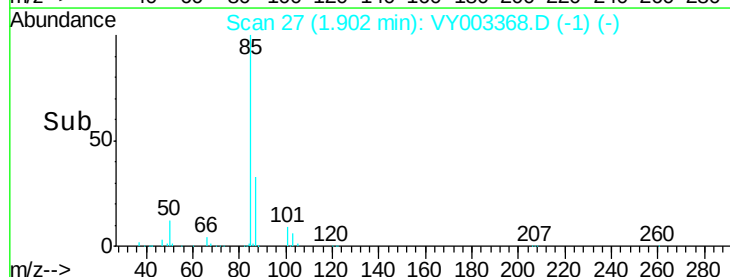
40000

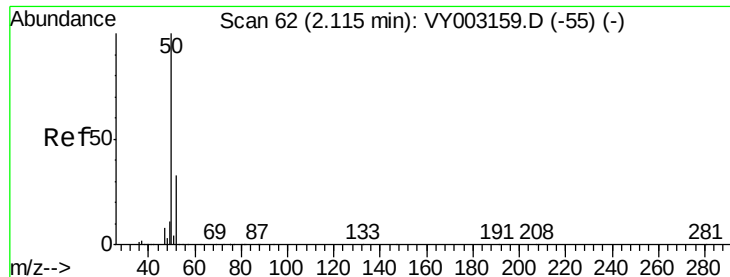
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.455 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

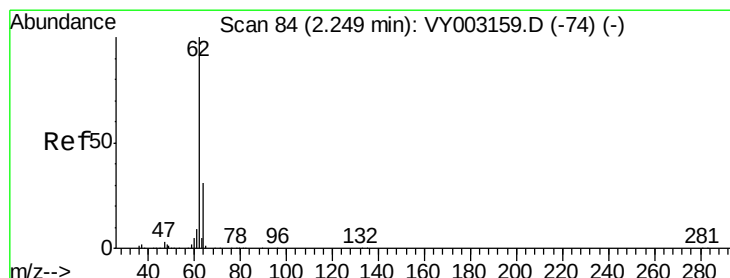
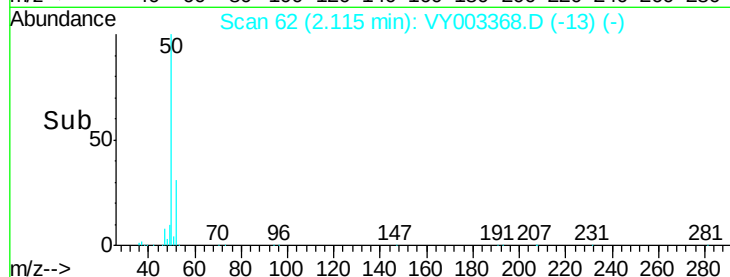
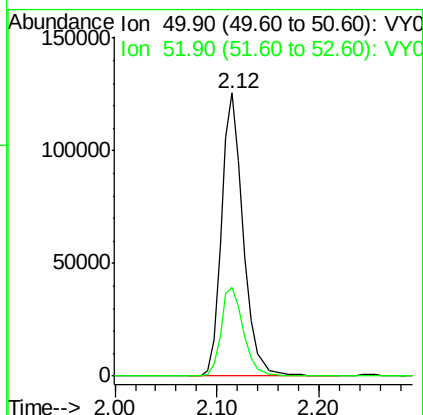
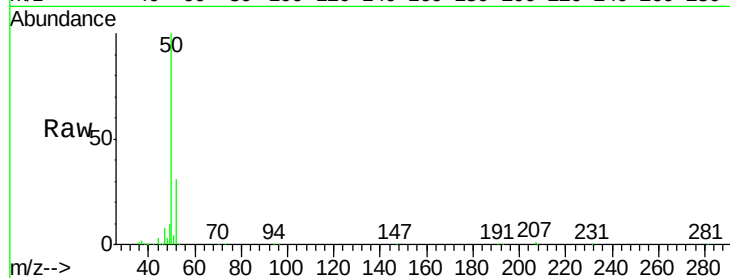
VSTDCCC050EC

Tot Ion: 50 Resp: 185162

Ion Ratio Lower Upper

50 100

52 31.4 26.6 39.8



#4

Vinyl Chloride

Concen: 46.305 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY003368.D

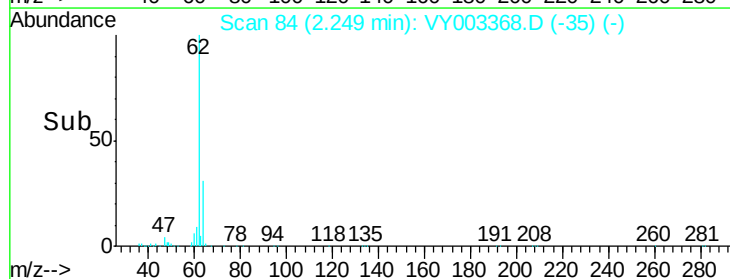
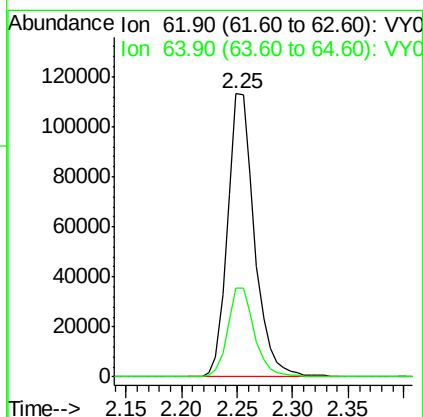
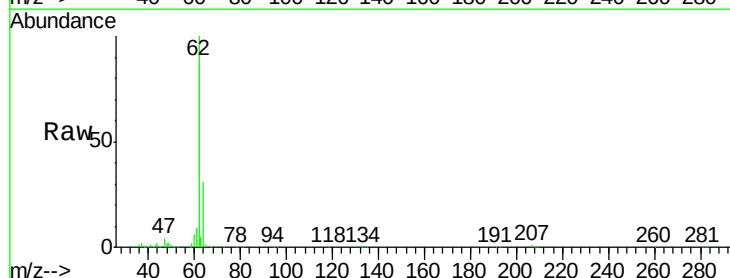
Acq: 27 Jul 2020 20:15

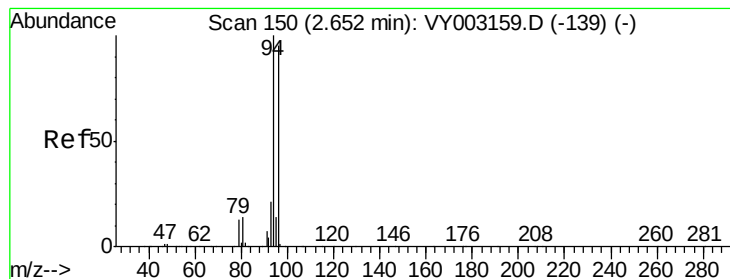
Tgt Ion: 62 Resp: 189367

Ion Ratio Lower Upper

62 100

64 31.2 24.6 37.0





#5

Bromomethane

Concen: 56.608 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

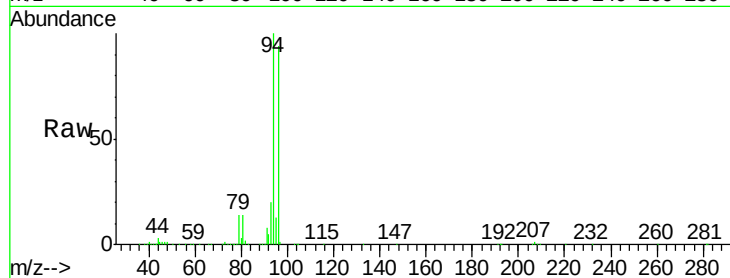
VSTDCCC050EC

Tot Ion: 94 Resp: 171953

Ion Ratio Lower Upper

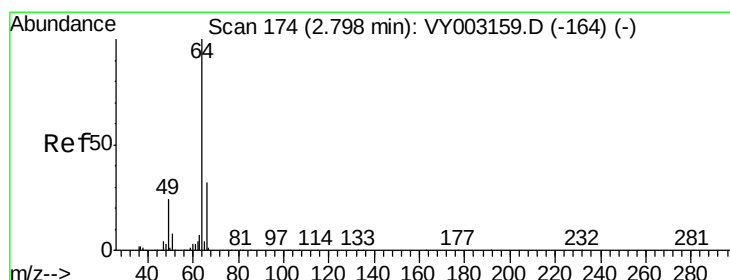
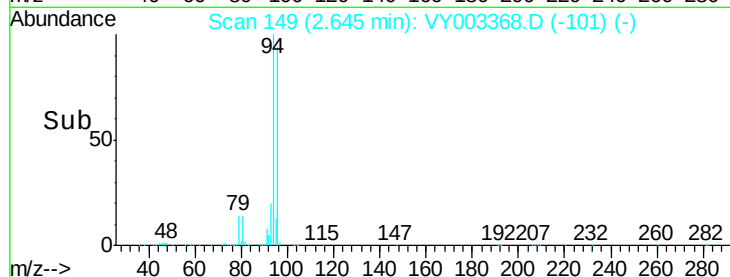
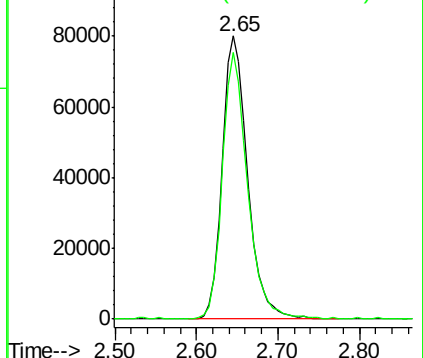
94 100

96 94.2 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.351 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003368.D

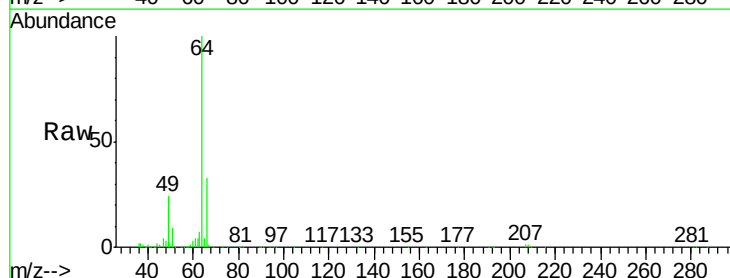
Acq: 27 Jul 2020 20:15

Tgt Ion: 64 Resp: 135246

Ion Ratio Lower Upper

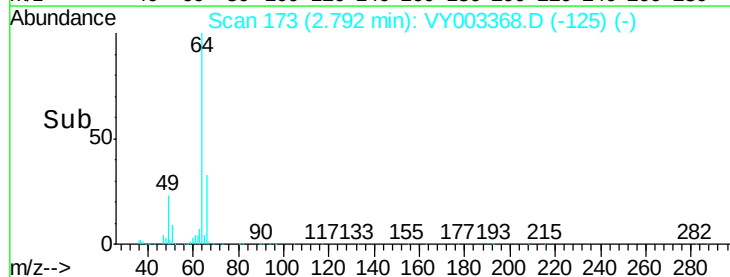
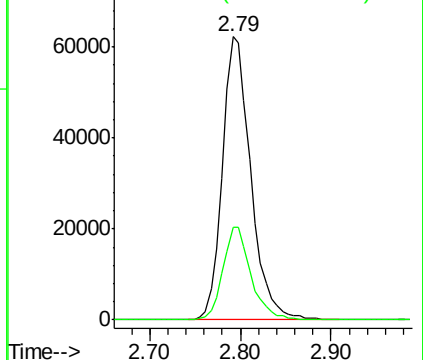
64 100

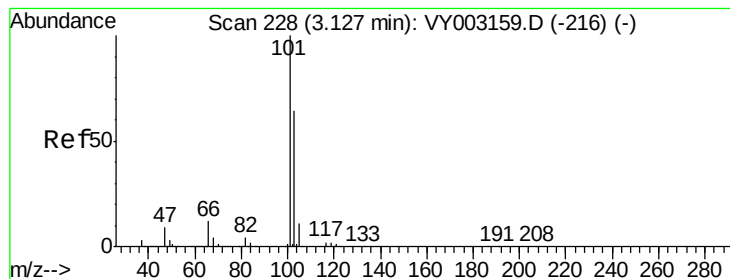
66 32.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 49.104 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.00 min

Lab File: VY003368.D

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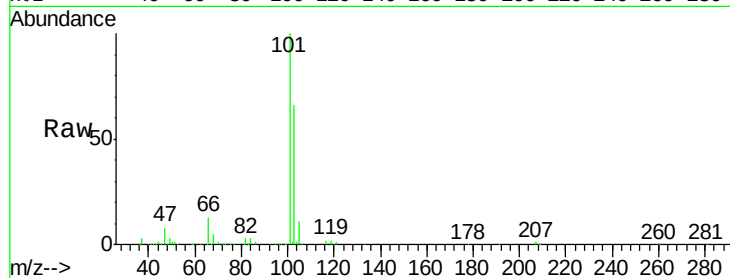
VSTDCCC050EC

Tot Ion:101 Resp: 286782

Ion Ratio Lower Upper

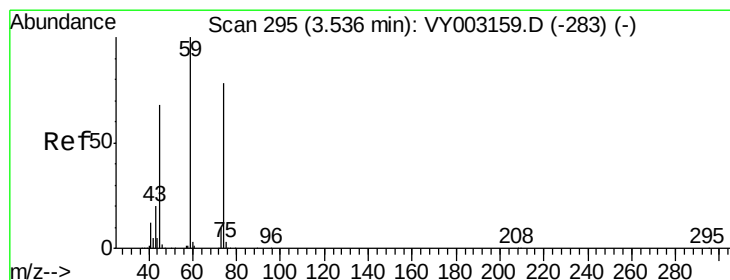
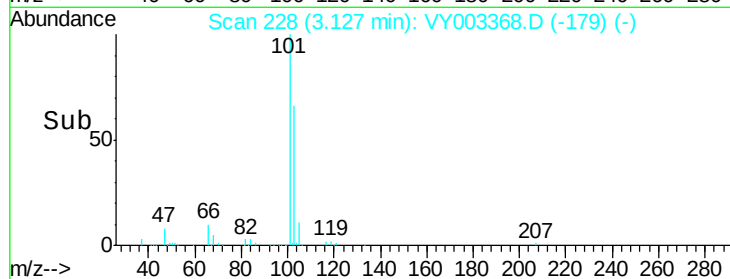
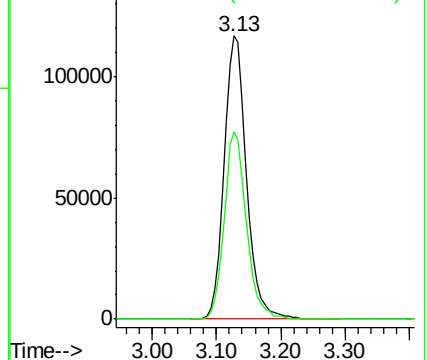
101 100

103 66.2 51.3 76.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 58.808 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003368.D

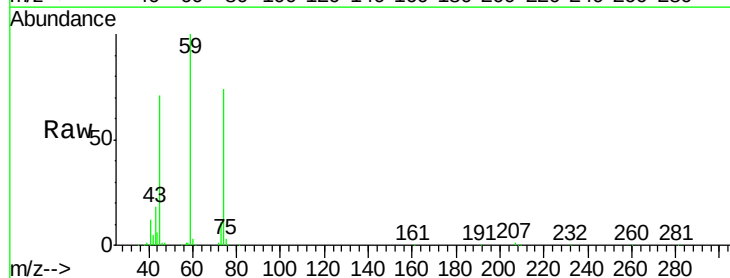
Acq: 27 Jul 2020 20:15

Tgt Ion: 74 Resp: 115091

Ion Ratio Lower Upper

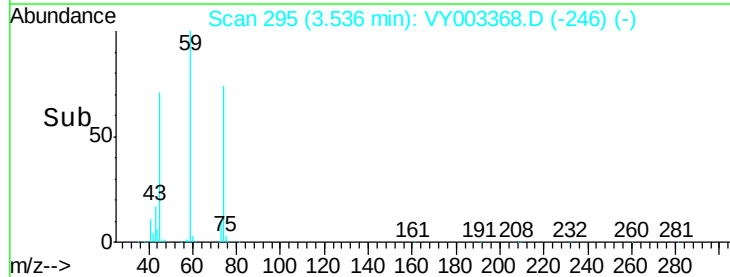
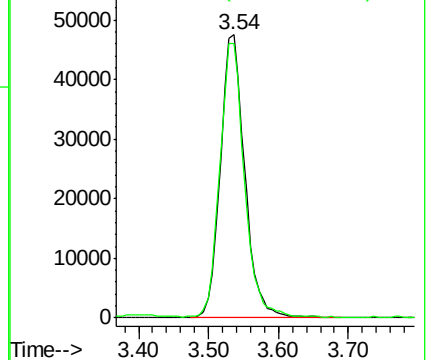
74 100

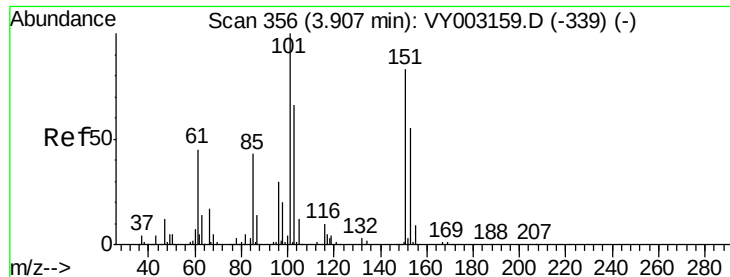
45 98.3 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.235 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

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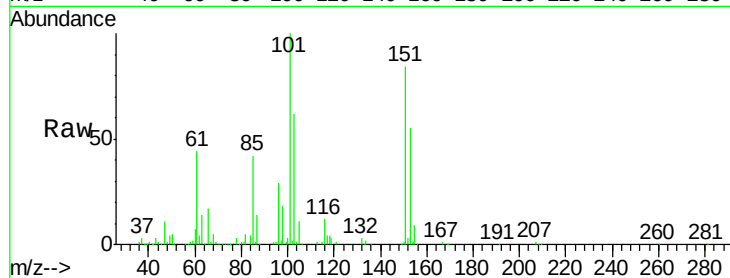
Tot Ion:101 Resp: 173666

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

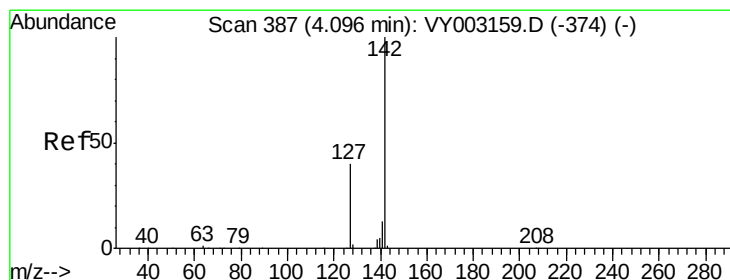
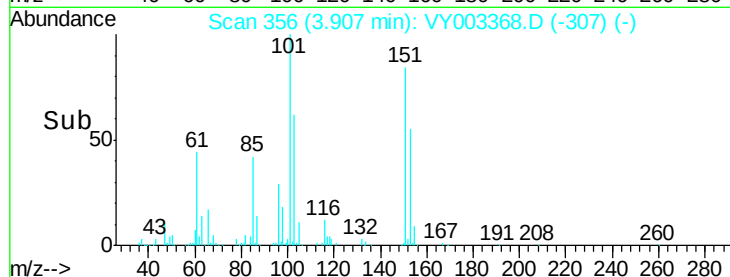
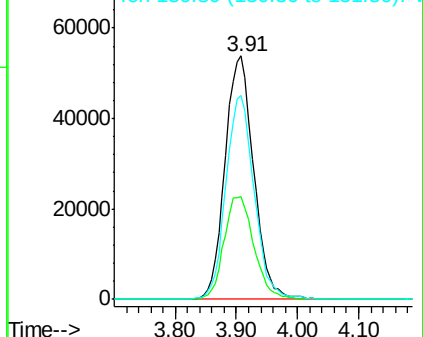
151 82.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.020 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

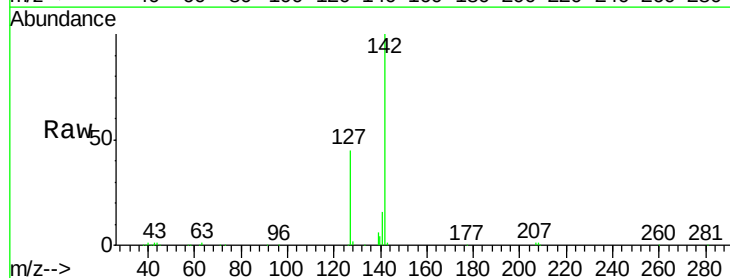
Tgt Ion:142 Resp: 161027

Ion Ratio Lower Upper

142 100

127 42.5 33.5 50.3

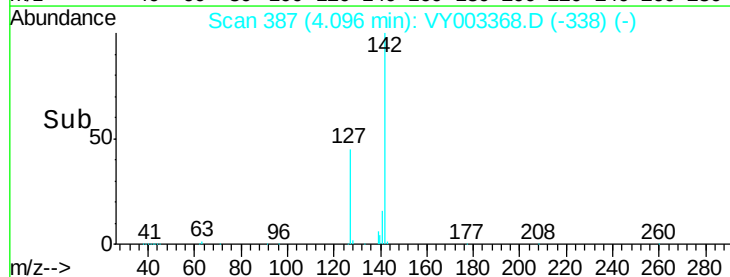
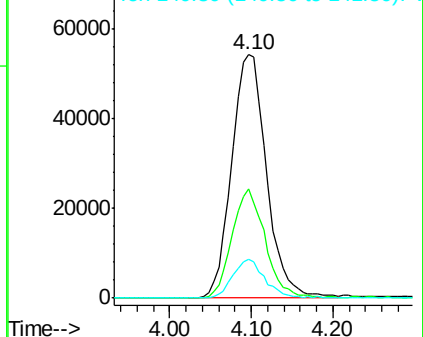
141 14.7 11.2 16.8

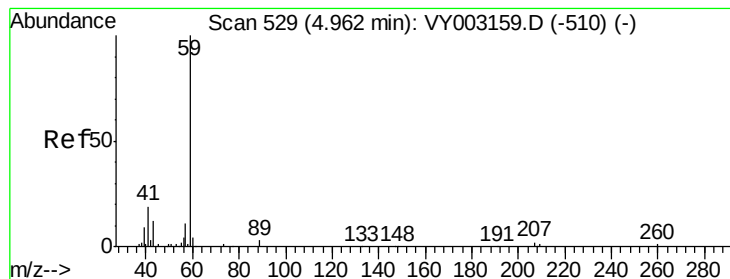


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



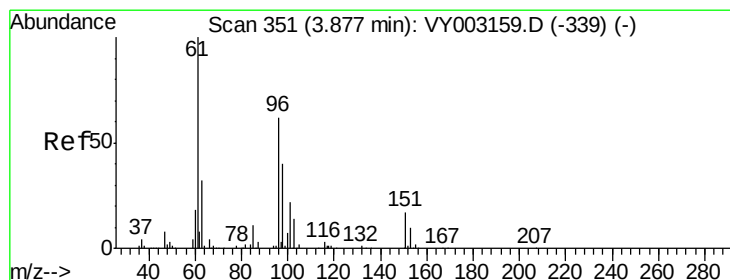
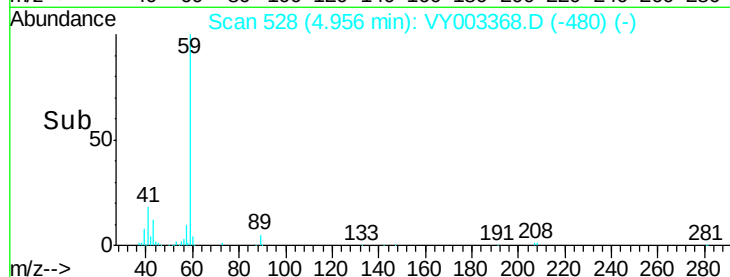
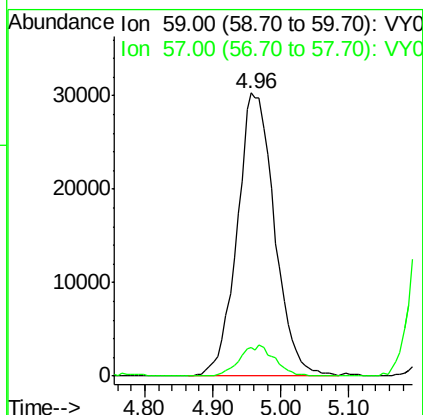
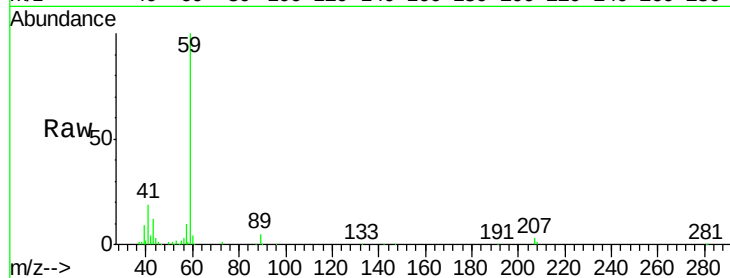


#11

Tert butyl alcohol
 Concen: 316.353 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

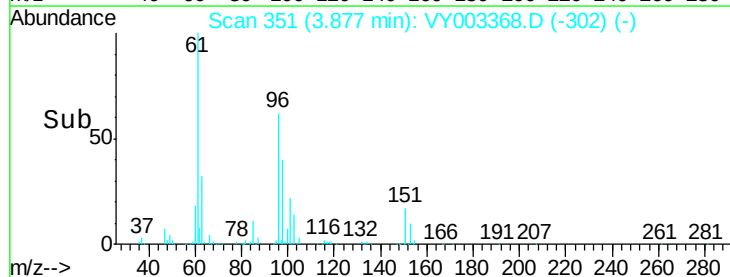
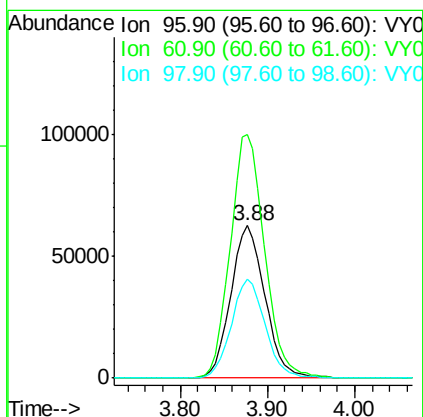
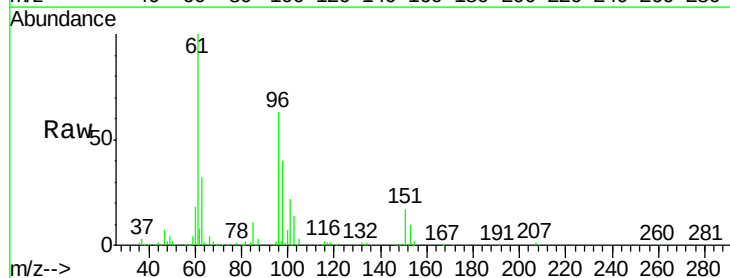
Tot Ion: 59 Resp: 115758
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

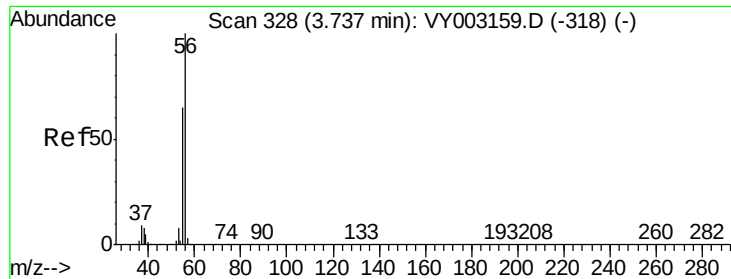


#12

1,1-Dichloroethene
 Concen: 51.091 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion: 96 Resp: 170451
 Ion Ratio Lower Upper
 96 100
 61 159.7 128.6 193.0
 98 64.4 51.6 77.4

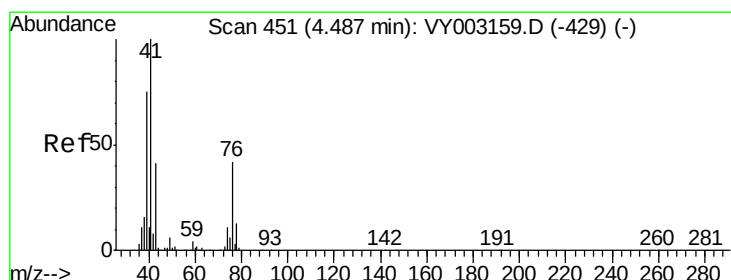
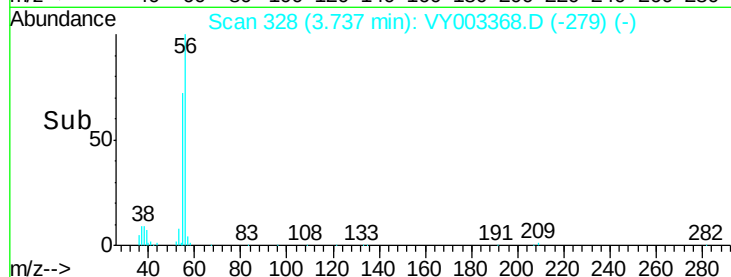
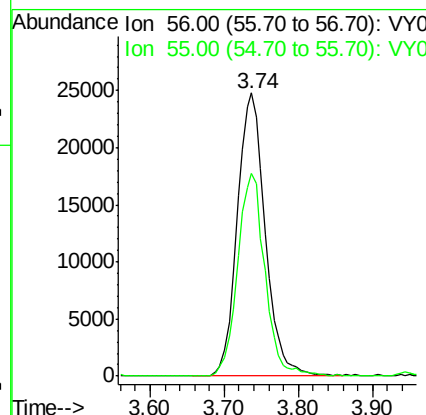
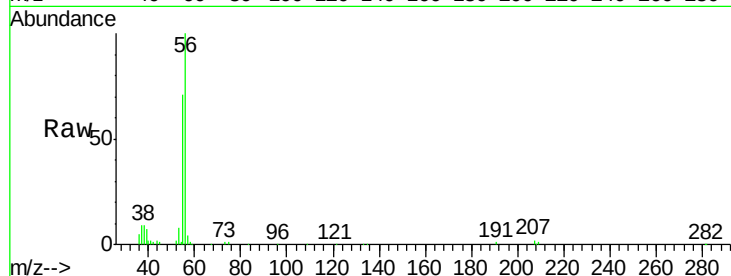




#13
 Acrolein
 Concen: 205.829 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

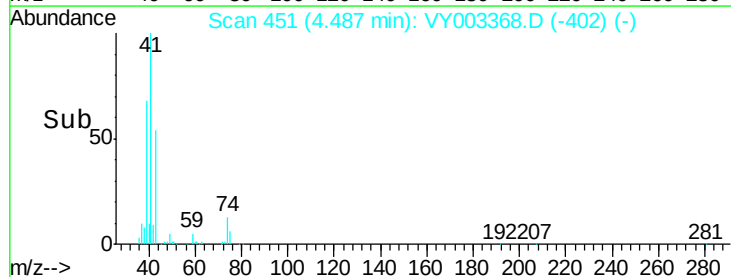
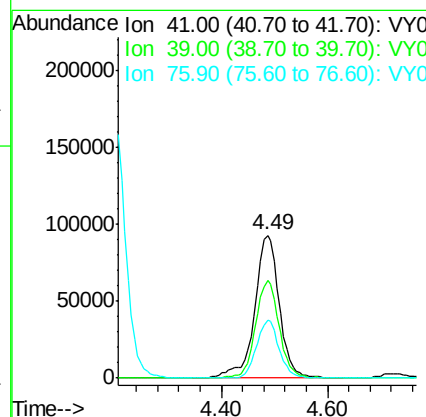
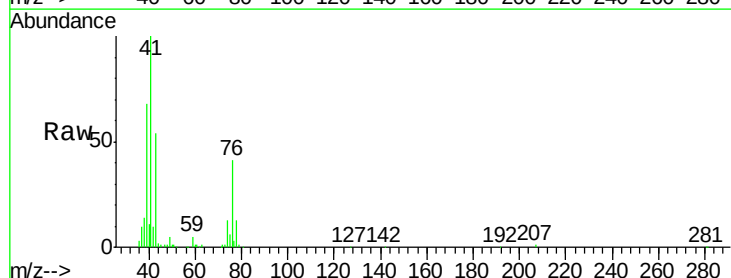
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

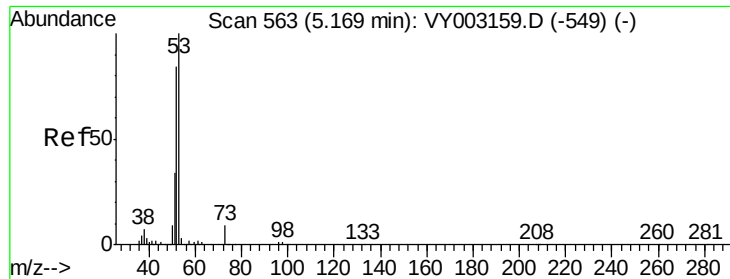
Tot Ion: 56 Resp: 65372
 Ion Ratio Lower Upper
 56 100
 55 70.1 56.0 84.0



#14
 Allyl chloride
 Concen: 59.716 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion: 41 Resp: 295619
 Ion Ratio Lower Upper
 41 100
 39 65.8 56.6 85.0
 76 37.2 31.6 47.4

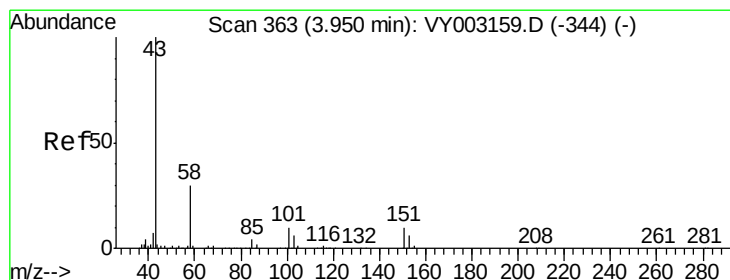
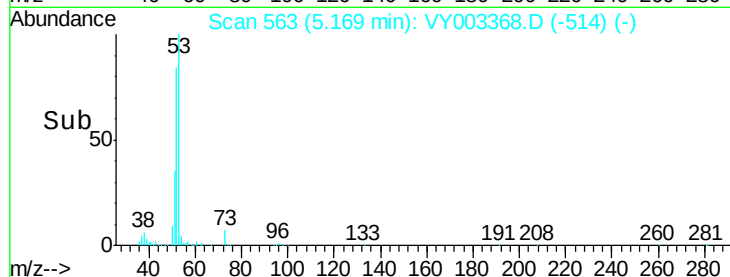
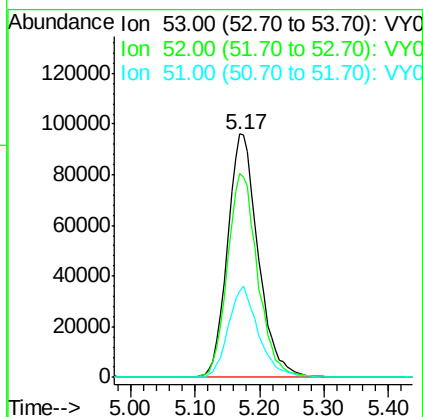
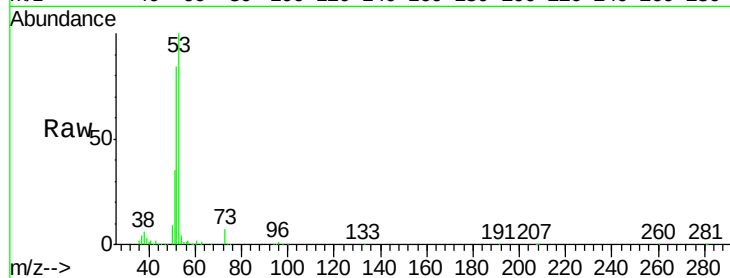




#15
 Acrylonitrile
 Concen: 339.973 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

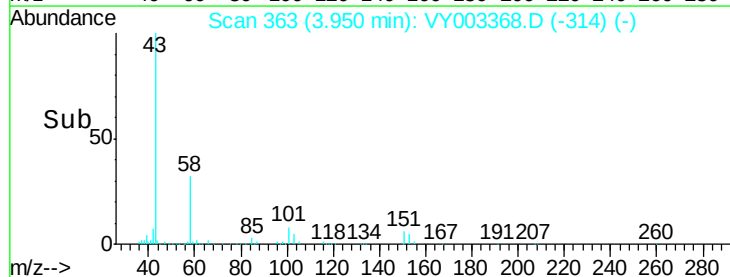
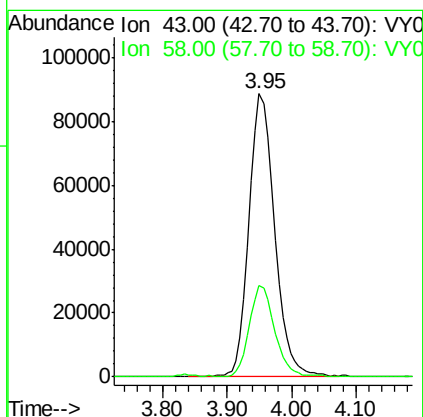
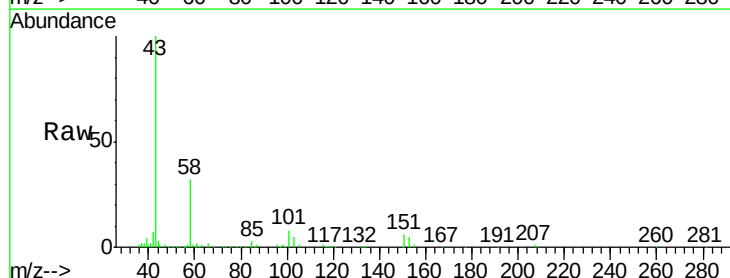
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

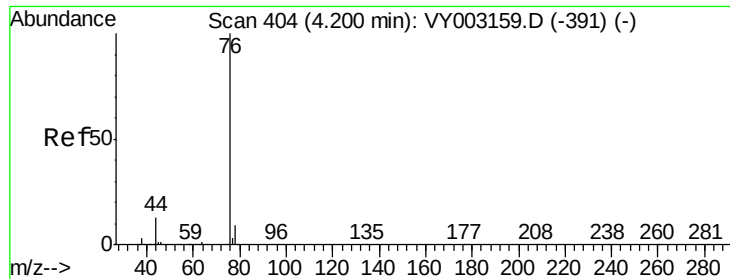
Tot Ion	53	Resp	319607
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.7	29.0	43.4



#16
 Acetone
 Concen: 321.031 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion	43	Resp	242660
Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.8	35.6

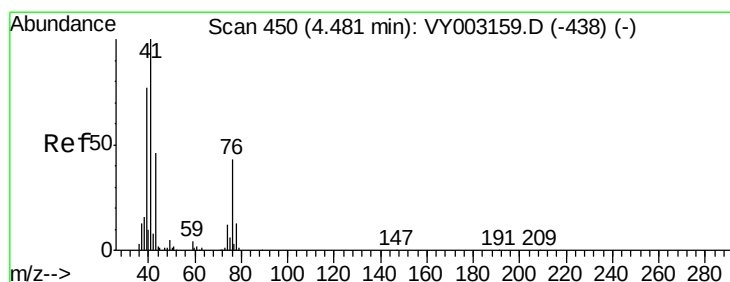
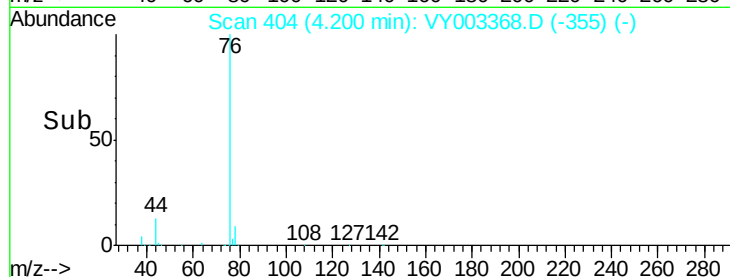
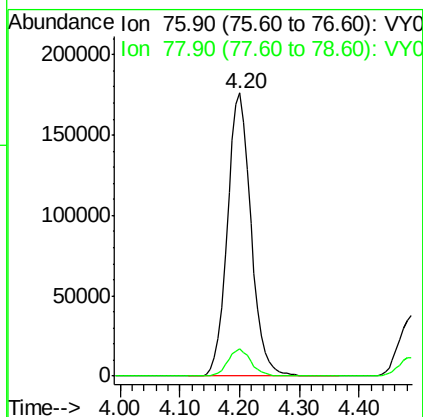
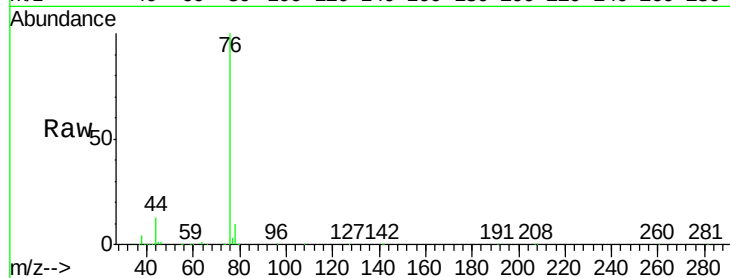




#17
Carbon Disulfide
Concen: 47.360 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

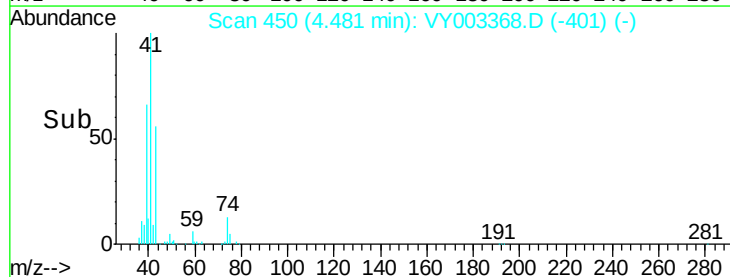
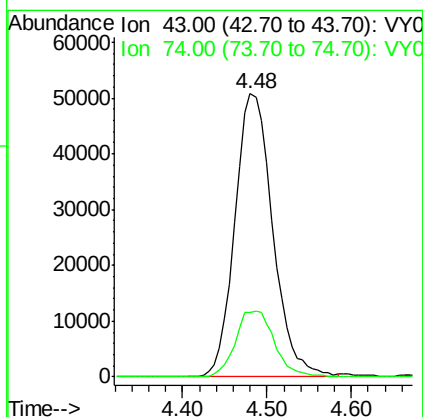
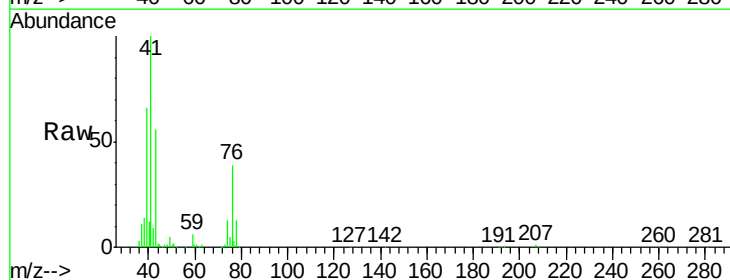
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

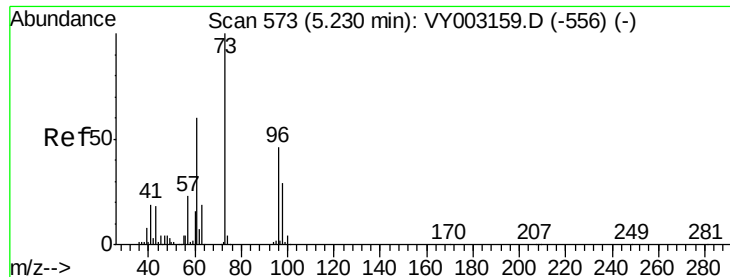
Tot Ion: 76 Resp: 484847
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 73.772 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 43 Resp: 154859
Ion Ratio Lower Upper
43 100
74 24.0 20.8 31.2



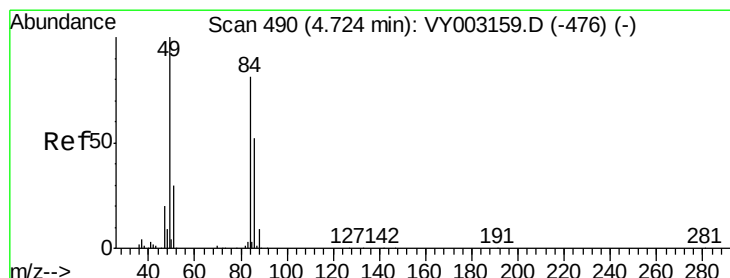
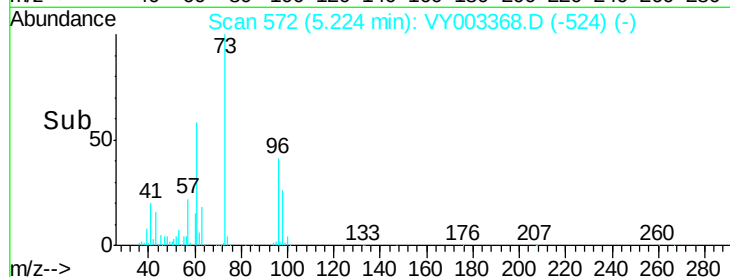
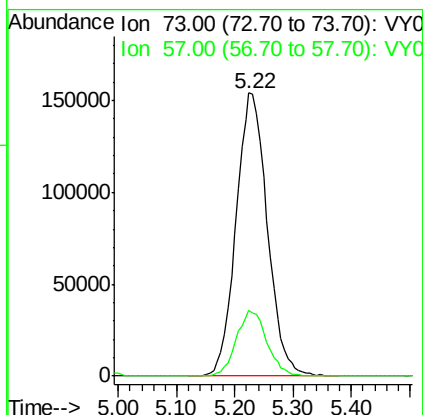
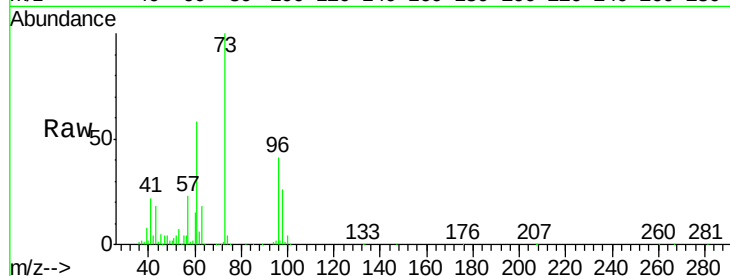


#19

Methyl tert-butyl Ether
 Concen: 61.139 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

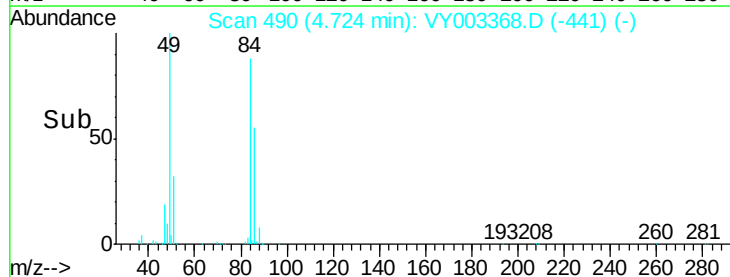
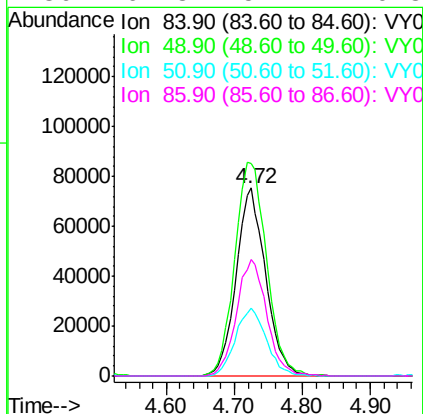
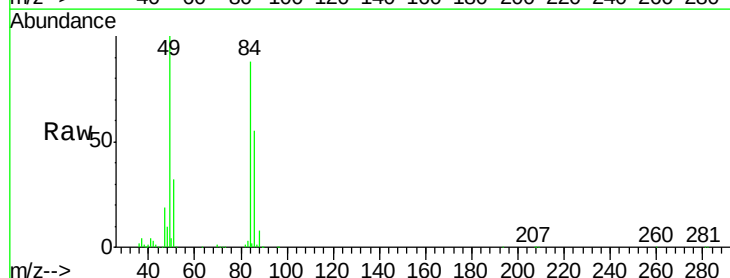
Tot Ion: 73 Resp: 571616
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.1 27.1

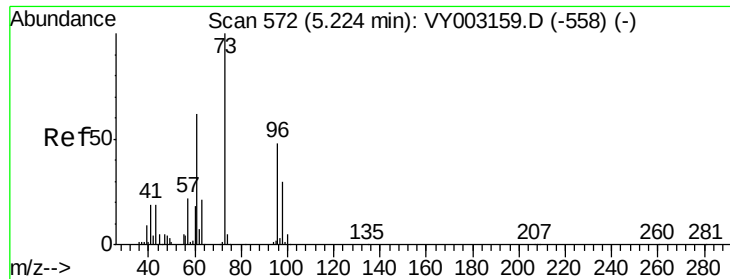


#20

Methylene Chloride
 Concen: 60.866 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion: 84 Resp: 226938
 Ion Ratio Lower Upper
 84 100
 49 113.2 98.2 147.4
 51 36.1 29.8 44.6
 86 61.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.907 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

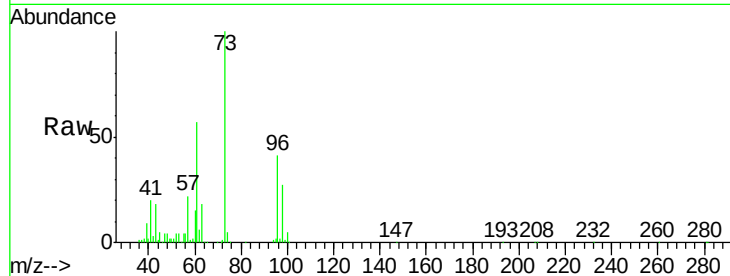
Tot Ion: 96 Resp: 199645

Ion Ratio Lower Upper

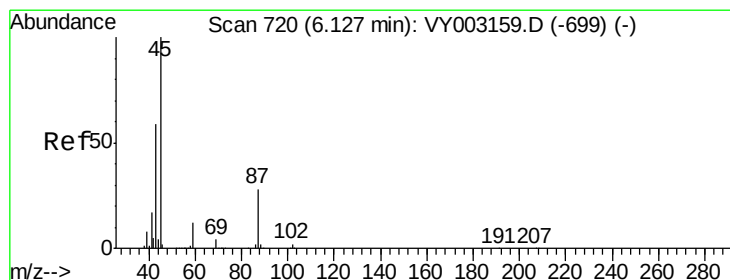
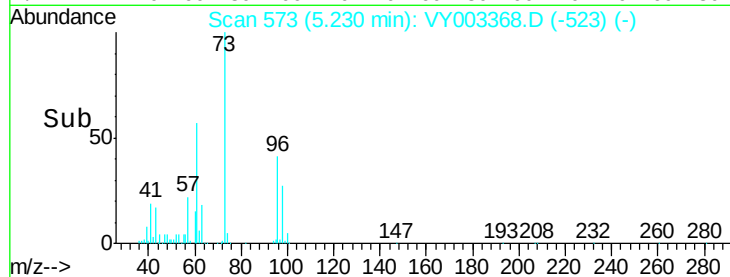
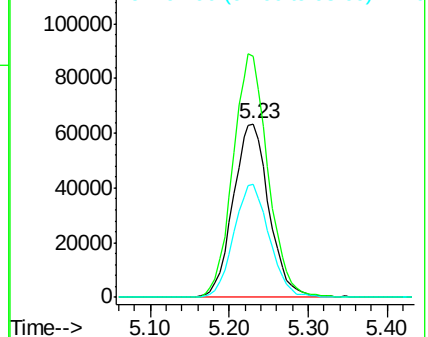
96 100

61 138.6 102.5 153.7

98 65.2 49.8 74.8



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



#22

Diisopropyl ether

Concen: 63.756 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Tgt Ion: 45 Resp: 700477

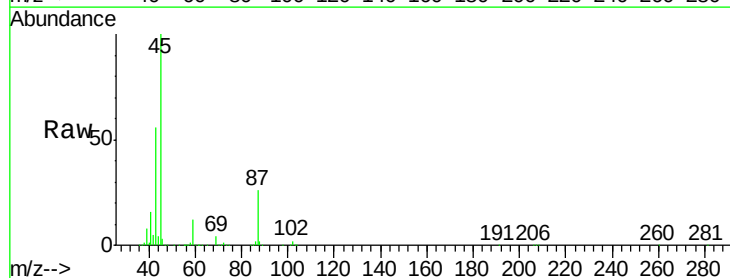
Ion Ratio Lower Upper

45 100

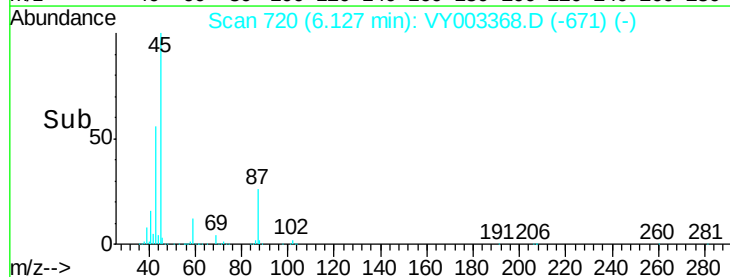
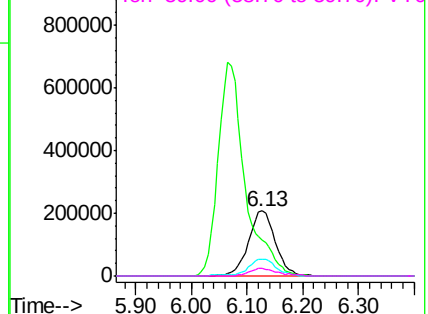
43 55.5 47.0 70.4

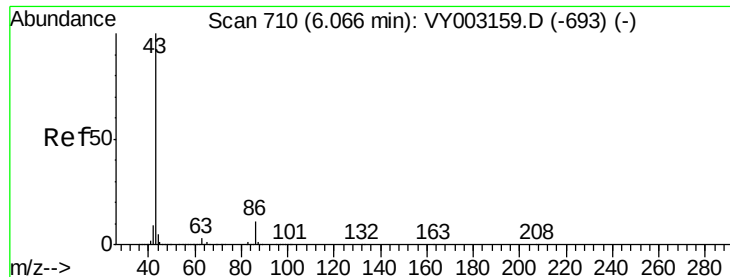
87 26.1 22.6 33.8

59 12.3 9.8 14.6



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: 313.458 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

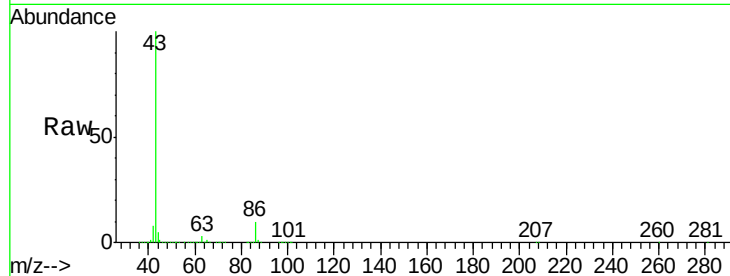
VSTDCCC050EC

Tot Ion: 43 Resp: 2295458

Ion Ratio Lower Upper

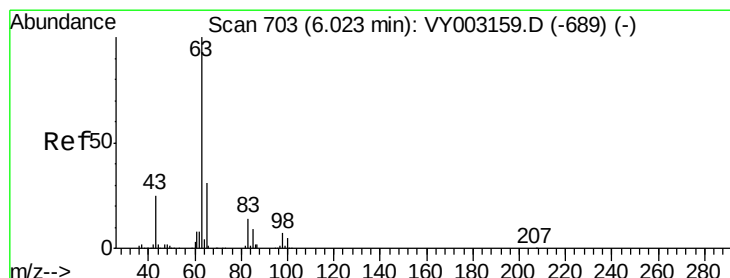
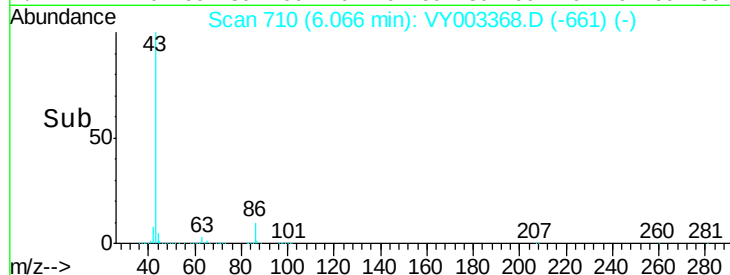
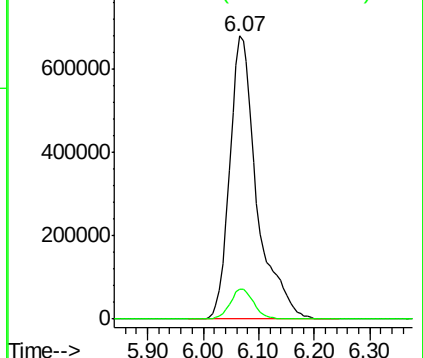
43 100

86 10.5 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 59.225 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

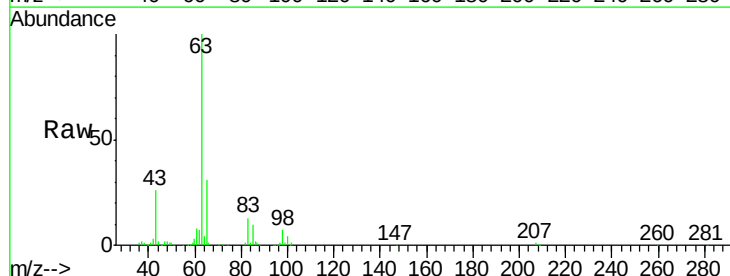
Tgt Ion: 63 Resp: 376978

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

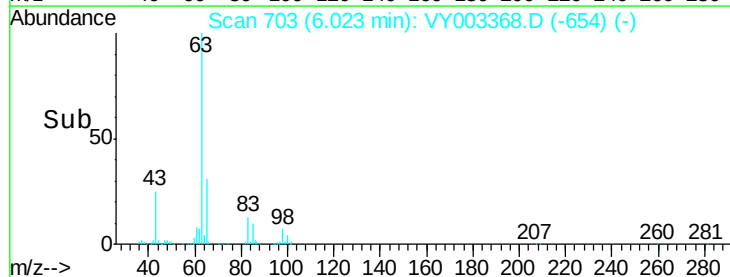
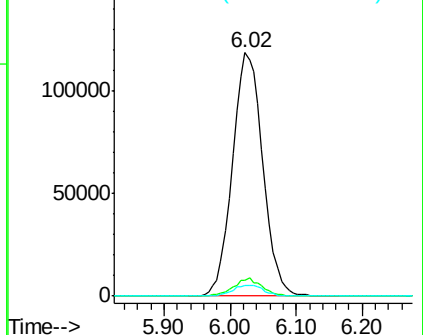
100 4.4 2.4 7.2

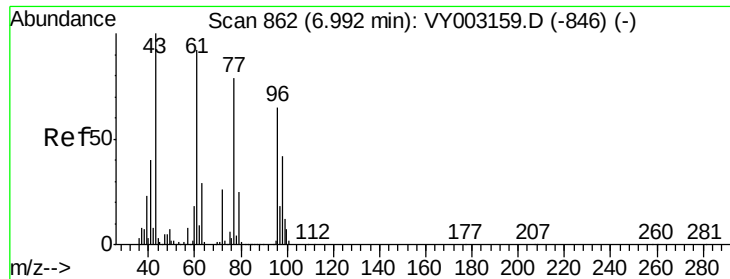


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

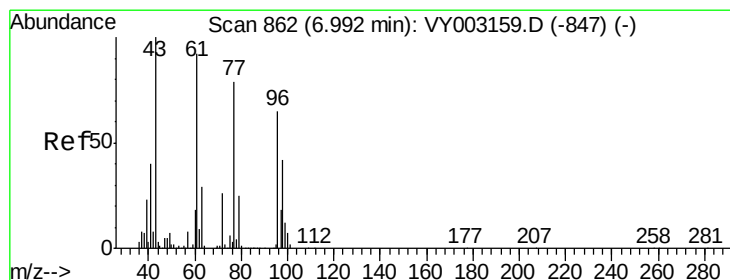
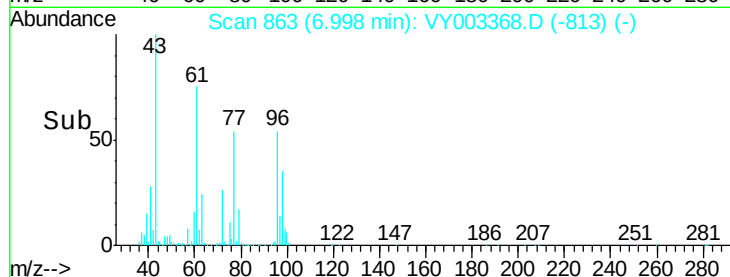
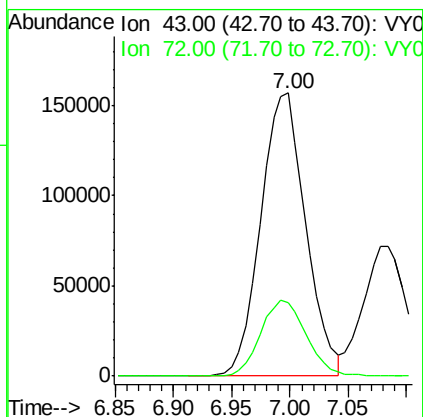
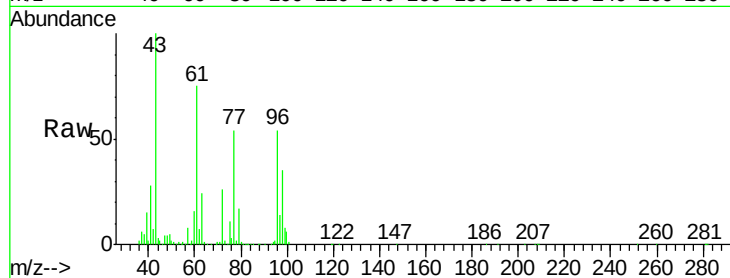




#25
2-Butanone
Concen: 338.705 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

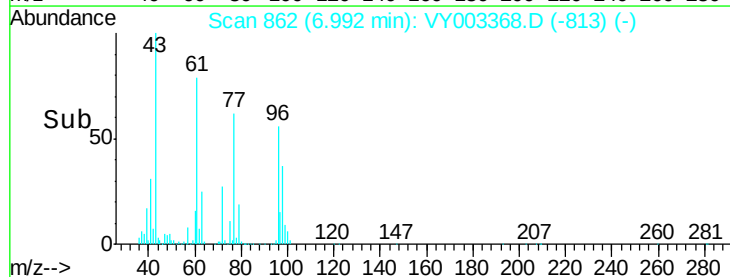
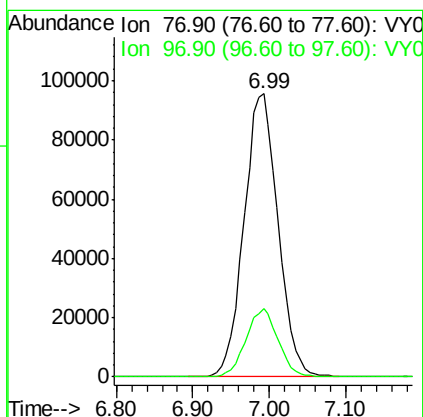
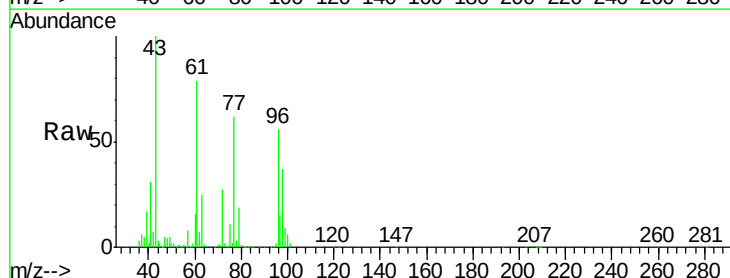
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

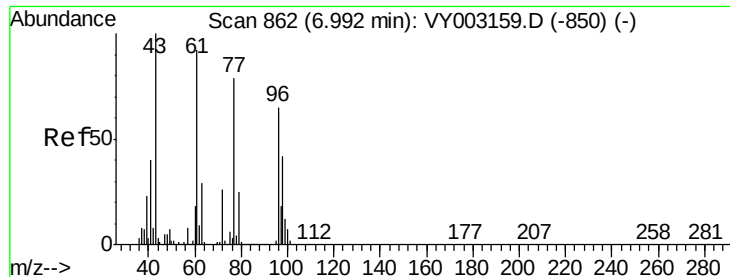
Tot Ion: 43 Resp: 420360
Ion Ratio Lower Upper
43 100
72 25.8 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.493 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 77 Resp: 295174
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7



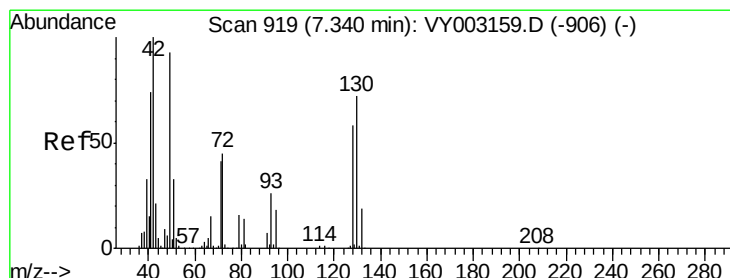
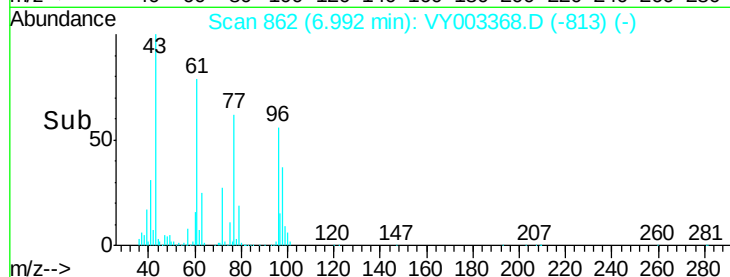
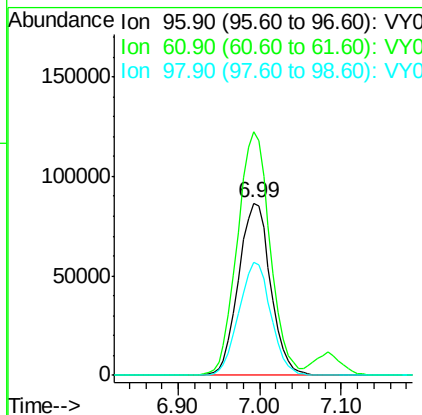
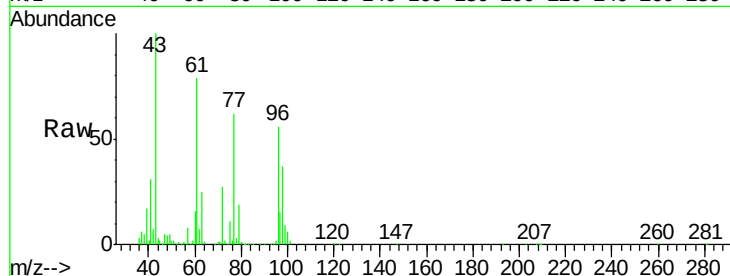


#27

cis-1,2-Dichloroethene
 Concen: 56.997 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

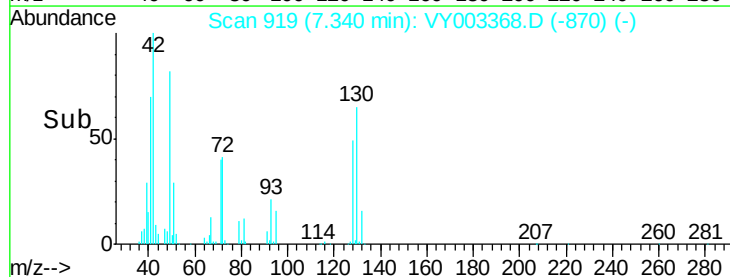
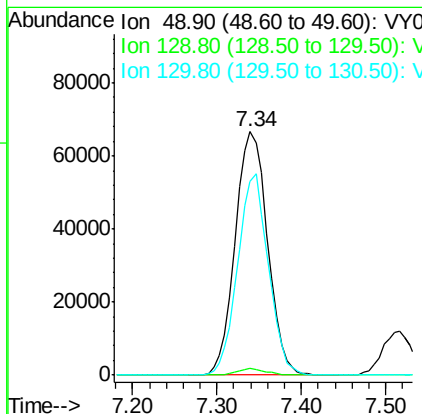
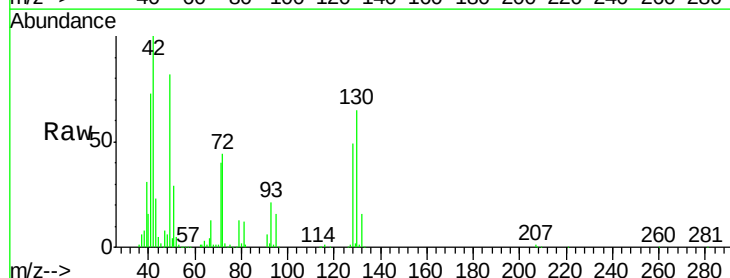
Tot Ion	96	Resp	236806
Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	281.2
98	65.7	0.0	129.8

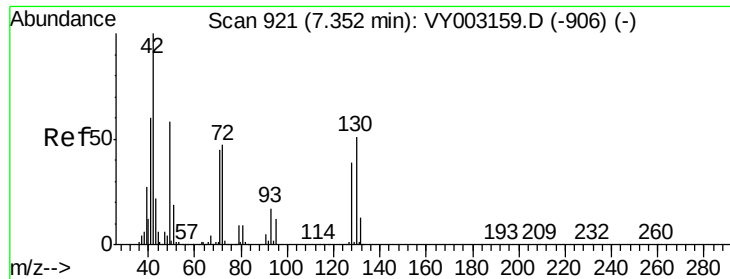


#28

Bromochloromethane
 Concen: 62.650 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion	49	Resp	172651
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	78.3	64.9	97.3





#29

Tetrahydrofuran

Concen: 334.739 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

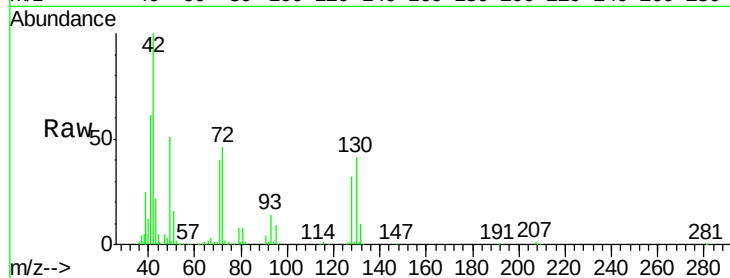
Tot Ion: 42 Resp: 279084

Ion Ratio Lower Upper

42 100

72 45.4 36.7 55.1

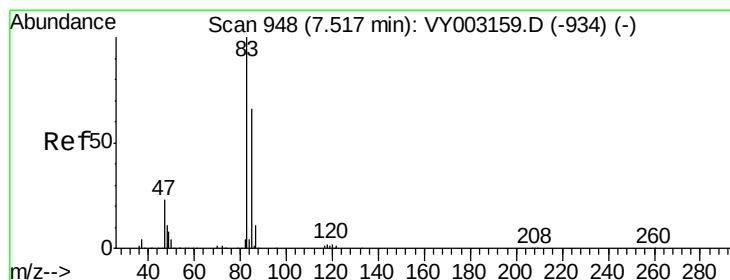
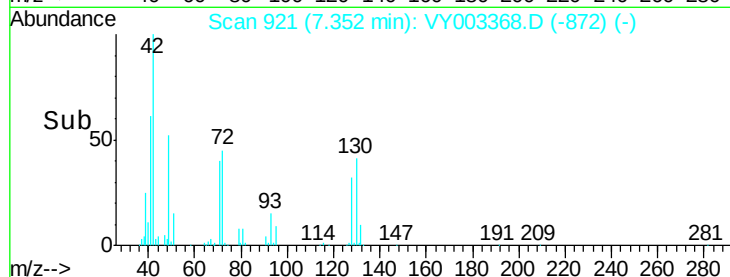
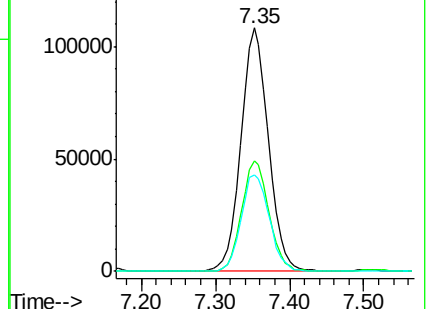
71 40.9 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 59.172 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003368.D

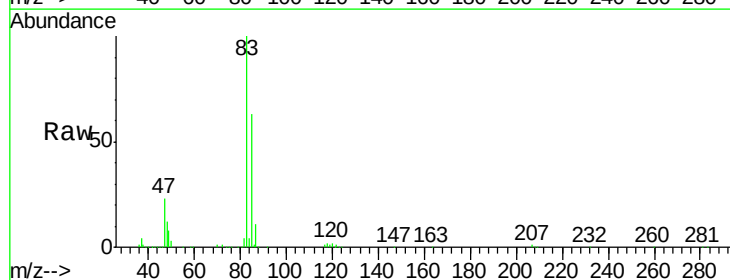
Acq: 27 Jul 2020 20:15

Tgt Ion: 83 Resp: 387917

Ion Ratio Lower Upper

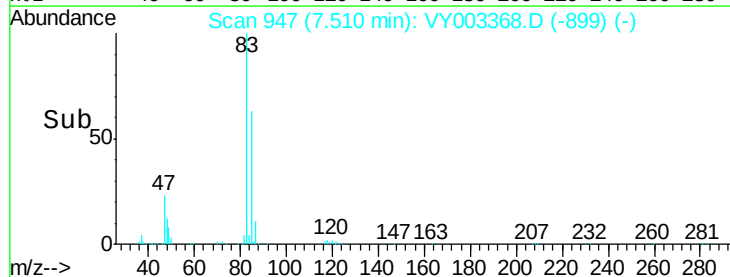
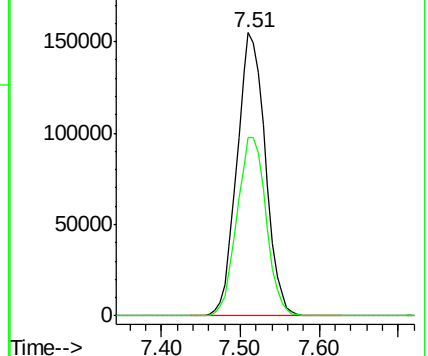
83 100

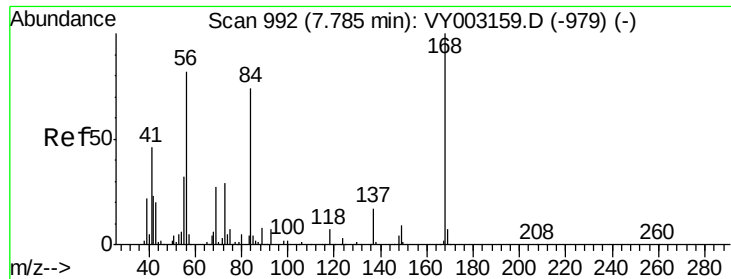
85 63.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

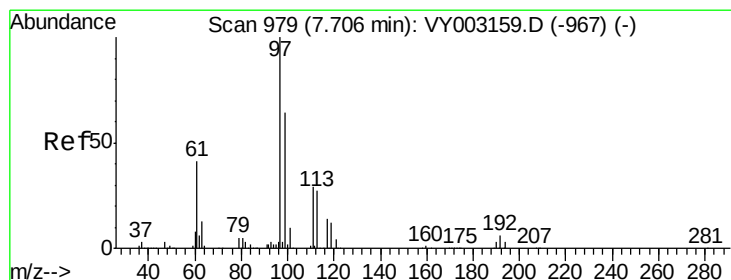
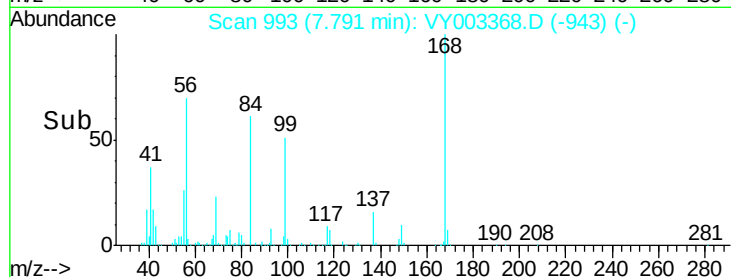
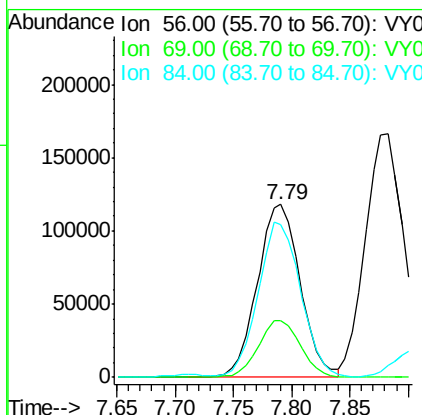
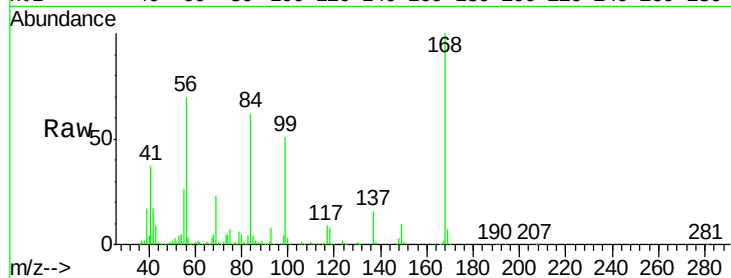




#31
Cyclohexane
Concen: 48.848 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

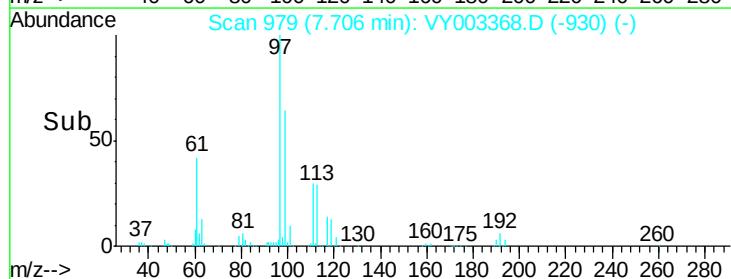
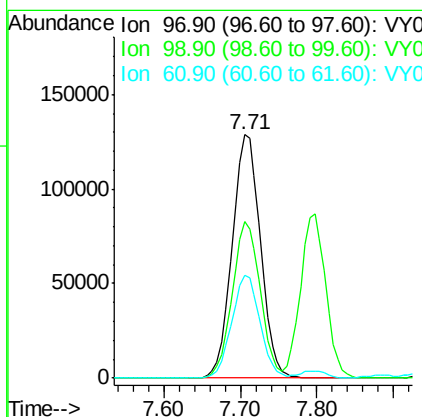
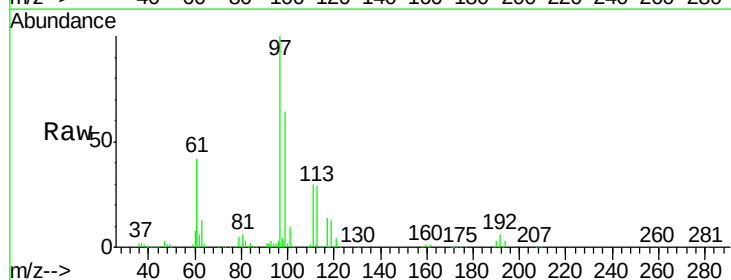
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

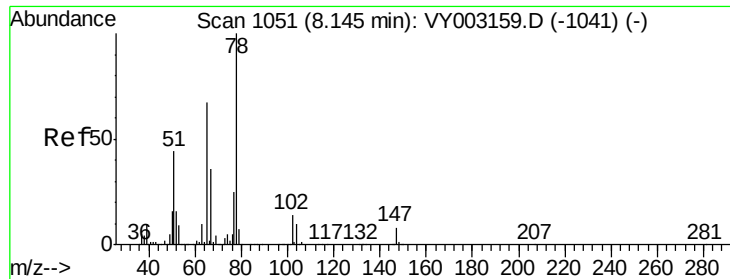
Tot Ion: 56 Resp: 300661
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 86.7 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 55.784 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 97 Resp: 329232
Ion Ratio Lower Upper
97 100
99 63.5 52.1 78.1
61 42.0 33.9 50.9

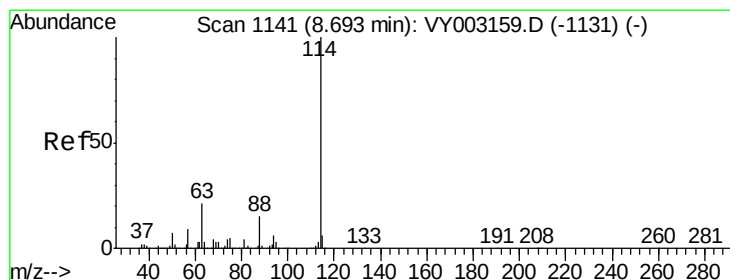
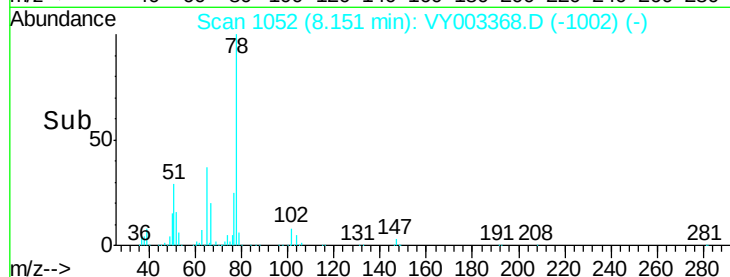
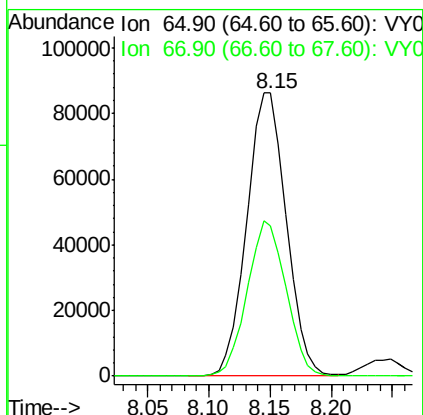
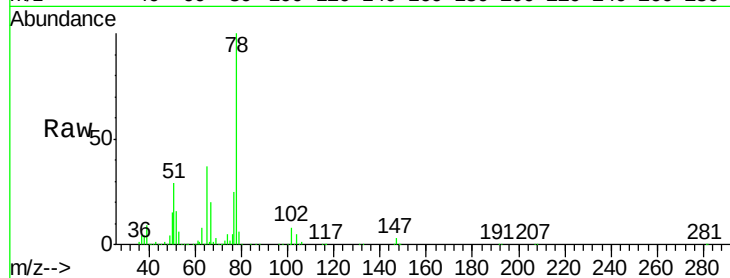




#33
 1,2-Dichloroethane-d4
 Concen: 57.418 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

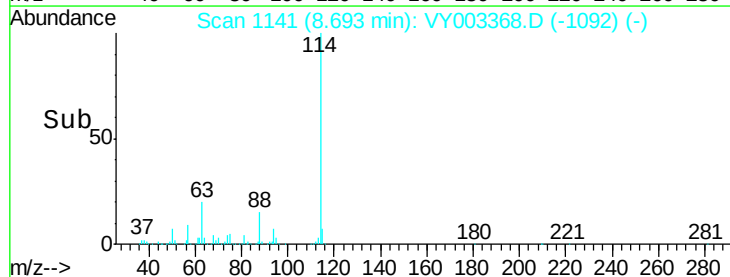
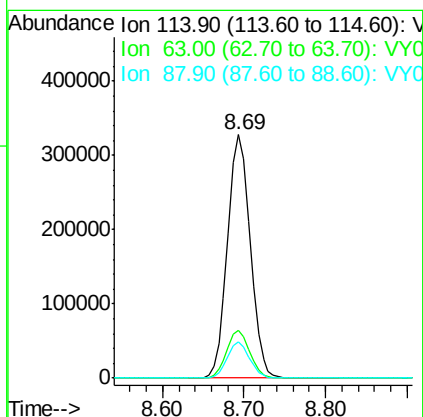
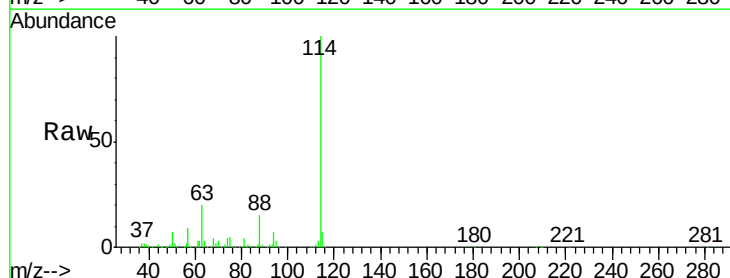
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

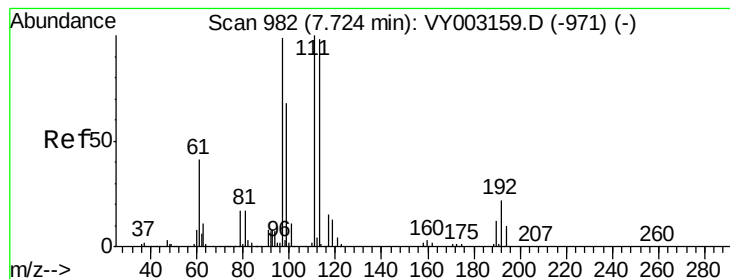
Tot Ion: 65 Resp: 194299
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion: 114 Resp: 629021
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

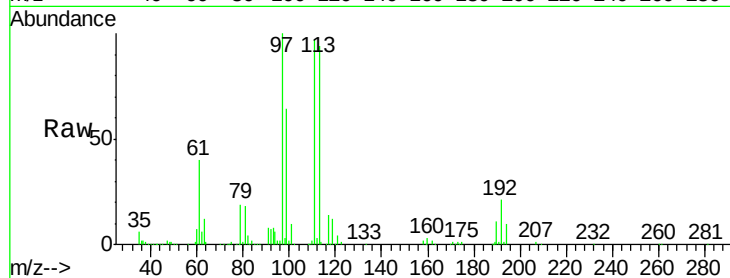
Tot Ion:113 Resp: 184462

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

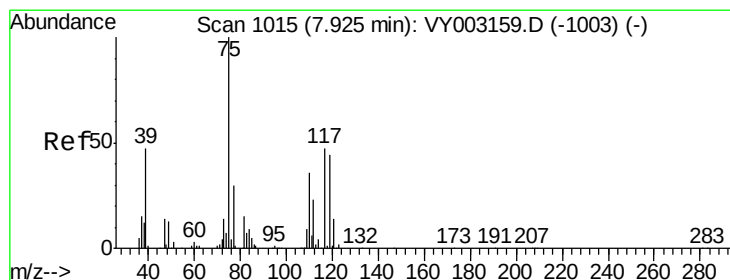
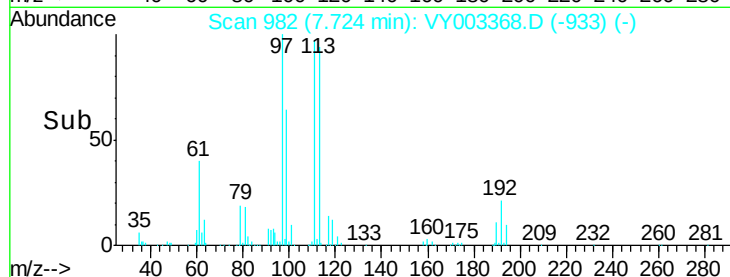
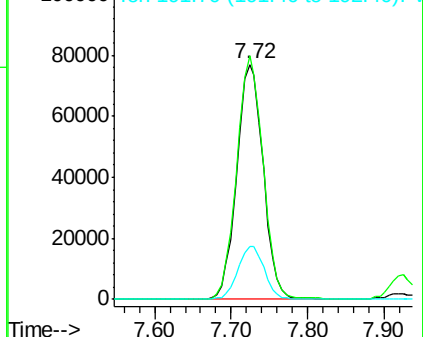
192 22.6 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.348 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

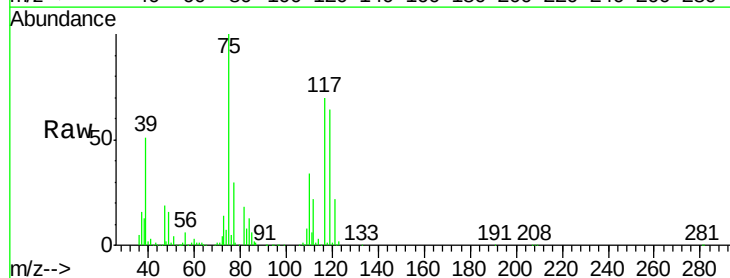
Tgt Ion: 75 Resp: 281333

Ion Ratio Lower Upper

75 100

110 35.0 18.1 54.1

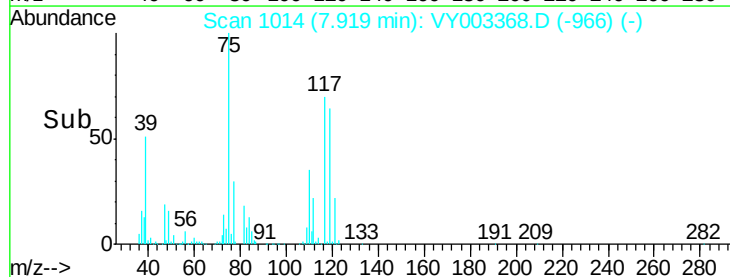
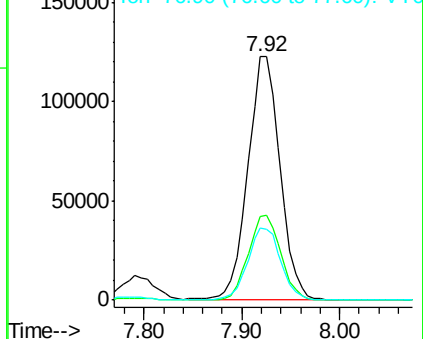
77 30.6 24.8 37.2

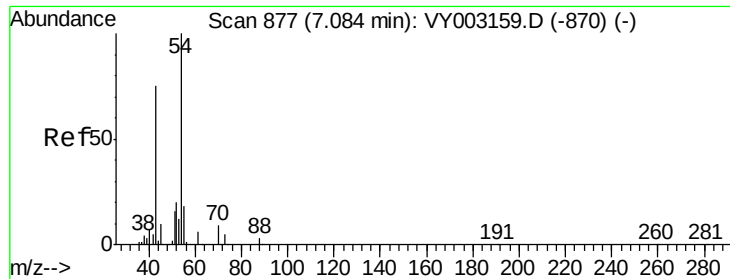


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

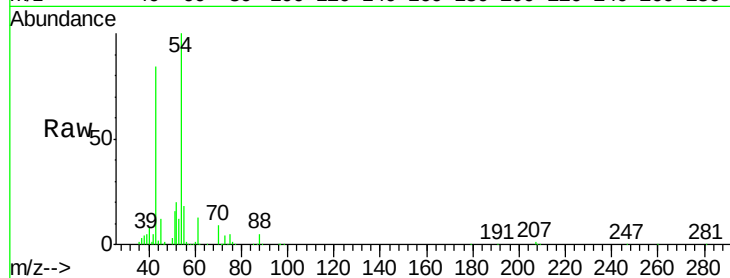




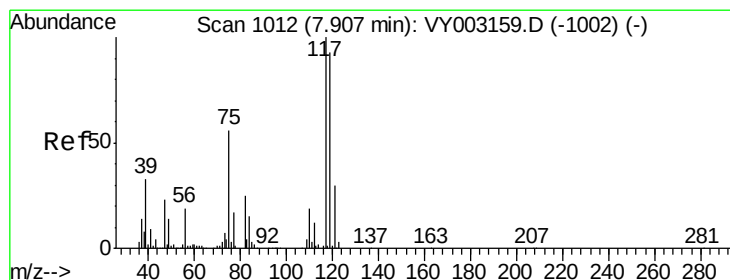
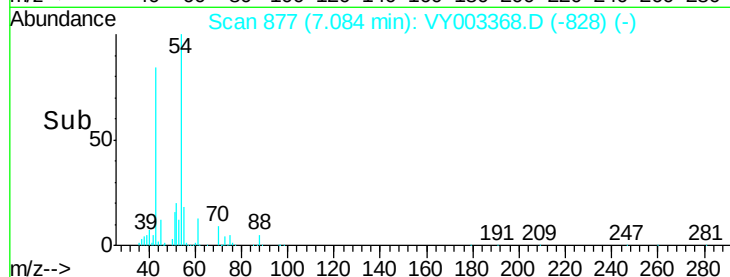
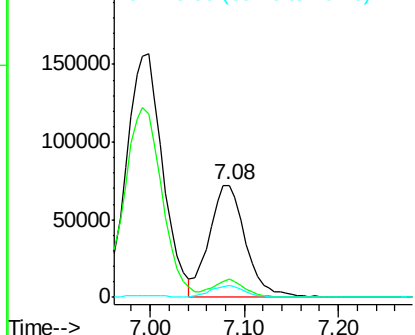
#37
Ethyl Acetate
Concen: 62.767 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	192705
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.8	17.6
70	10.1	8.6	13.0

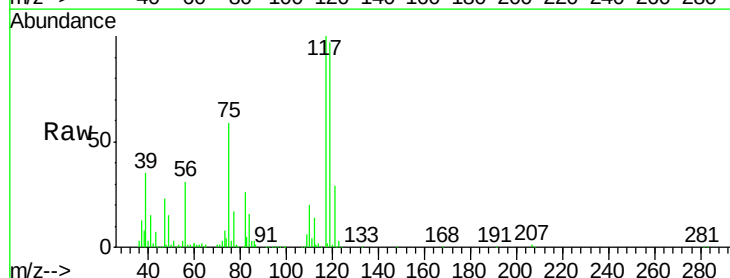


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

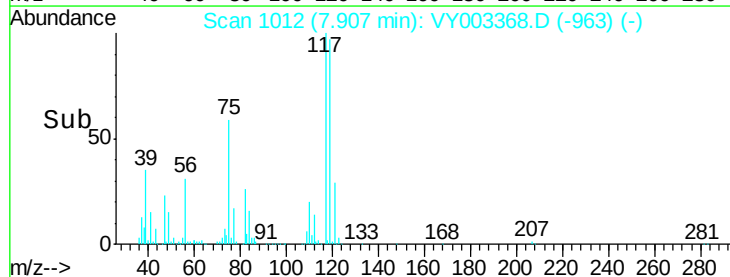
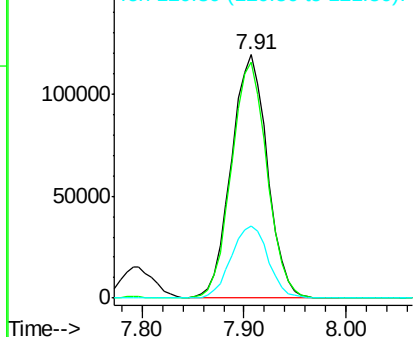


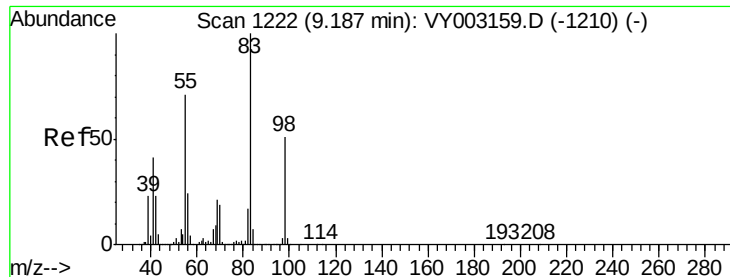
#38
Carbon Tetrachloride
Concen: 49.711 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion	117	Resp	292574
Ion Ratio	Lower	Upper	
117	100		
119	97.1	74.5	111.7
121	29.4	24.2	36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

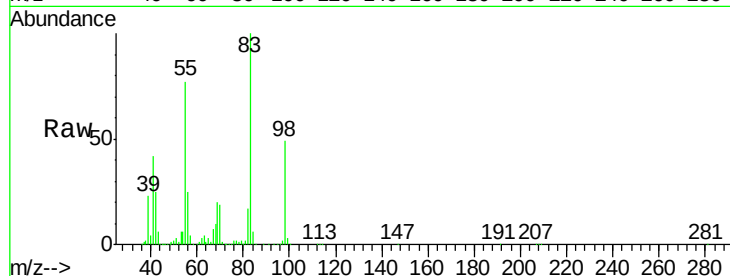




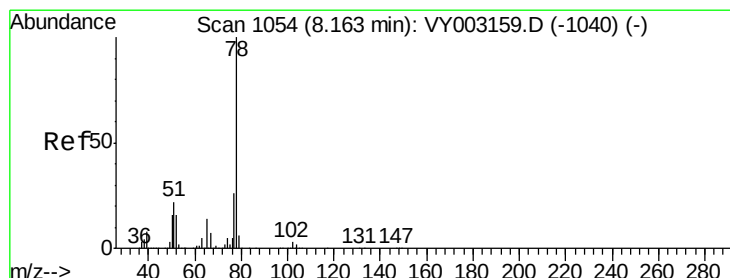
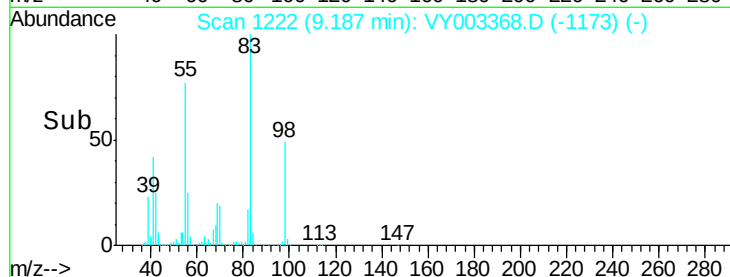
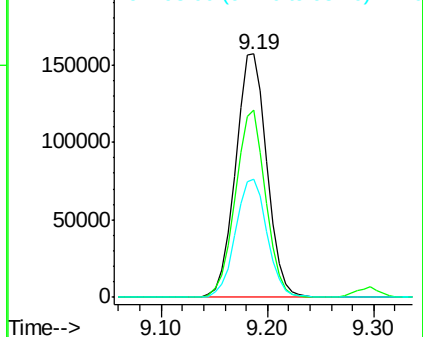
#39
Methylvlcyclohexane
Concen: 45.269 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 324204
Ion Ratio Lower Upper
83 100
55 76.9 57.2 85.8
98 48.7 41.0 61.6

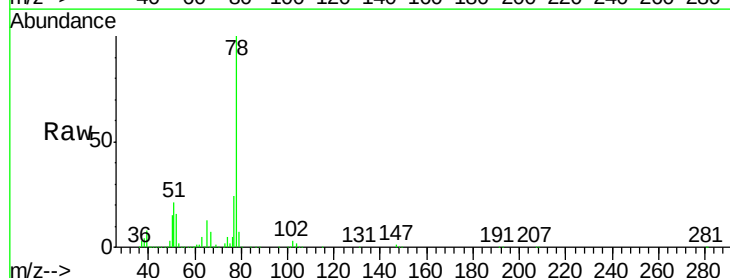


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

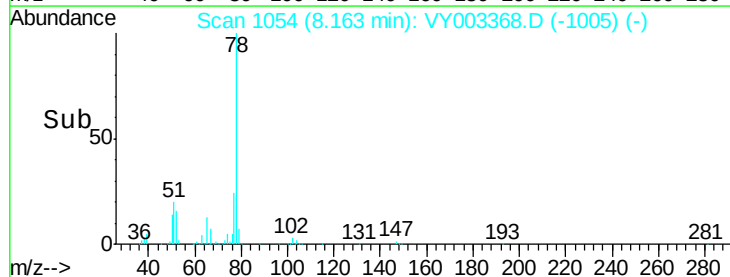
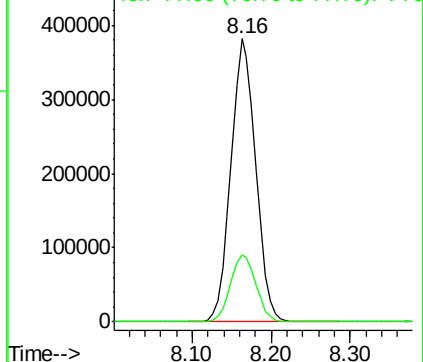


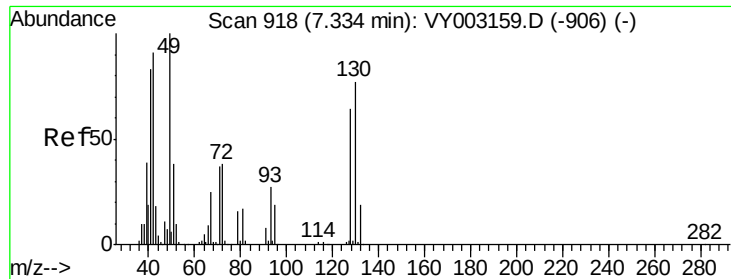
#40
Benzene
Concen: 53.139 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 78 Resp: 834157
Ion Ratio Lower Upper
78 100
77 23.9 20.7 31.1



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

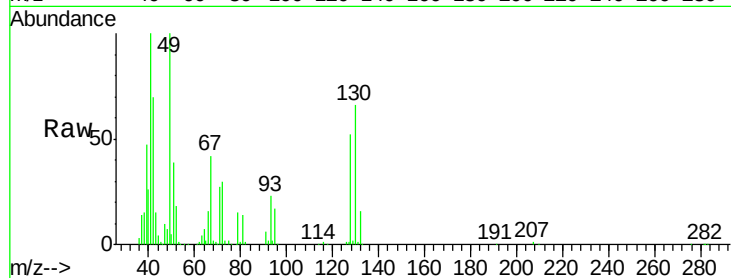




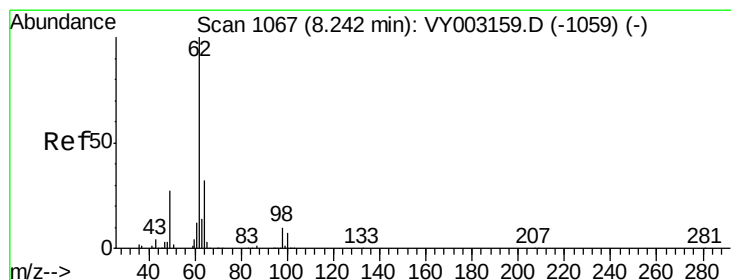
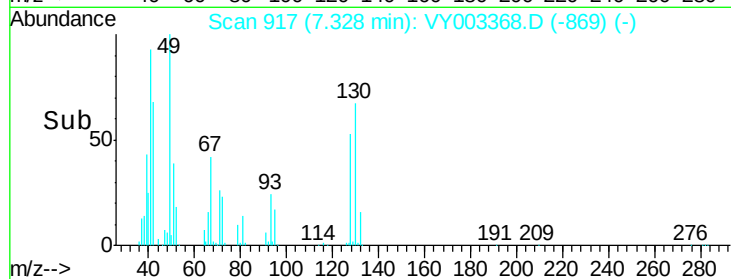
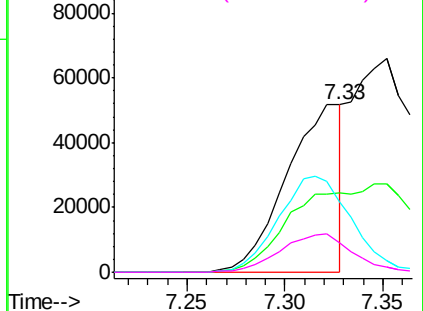
#41
Methacrylonitrile
Concen: 55.171 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	102015
Ion	Ratio	Lower	Upper
41	100		
39	116.6	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

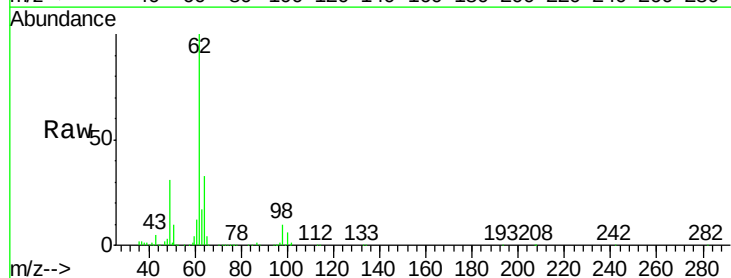


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

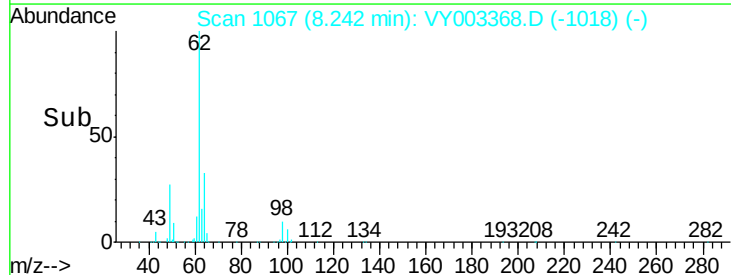
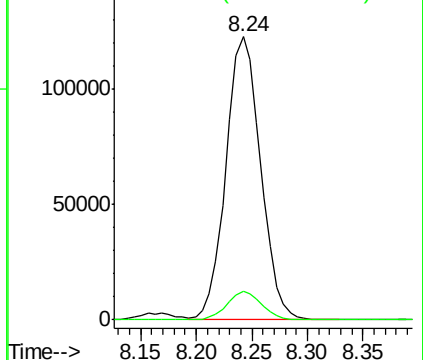


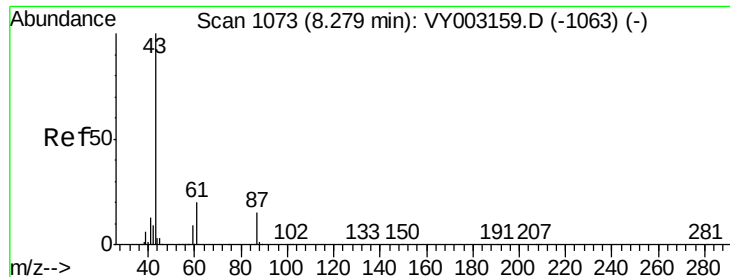
#42
1,2-Dichloroethane
Concen: 54.936 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion:	62	Resp:	265488
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 60.441 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

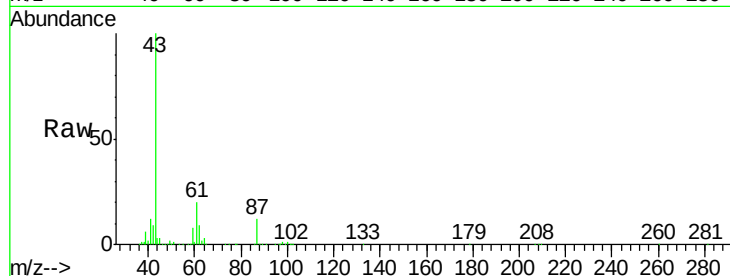
Tot Ion: 43 Resp: 359185

Ion Ratio Lower Upper

43 100

61 28.5 23.7 35.5

87 13.3 11.4 17.0

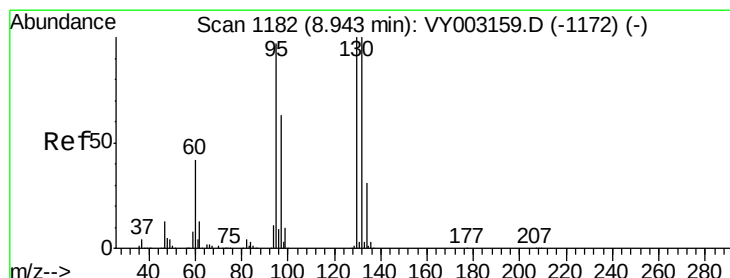
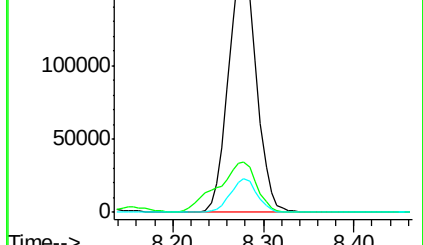
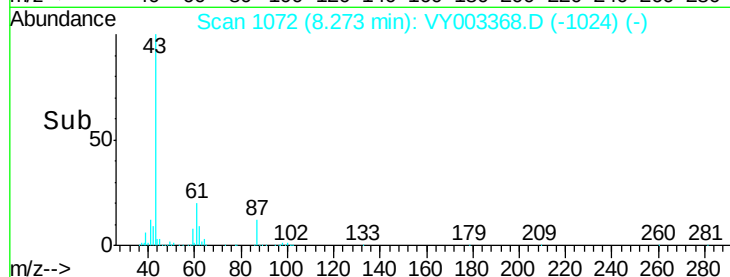


Abundance Ion 43.00 (42.70 to 43.70): VY003368.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY003368.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY003368.D (-1072) (-)

Time-->



#44

Trichloroethene

Concen: 48.953 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003368.D

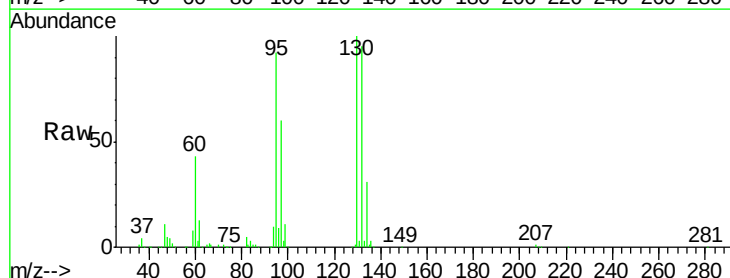
Acq: 27 Jul 2020 20:15

Tgt Ion: 130 Resp: 235571

Ion Ratio Lower Upper

130 100

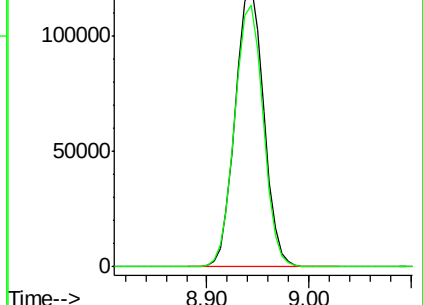
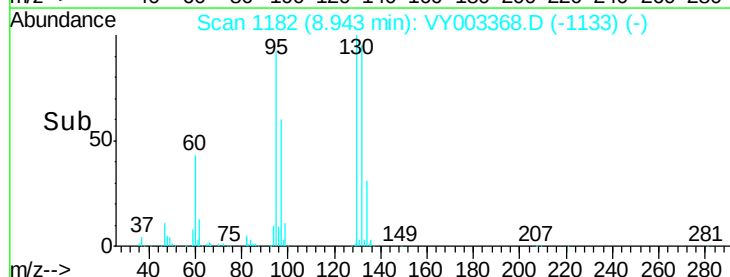
95 92.3 0.0 193.8

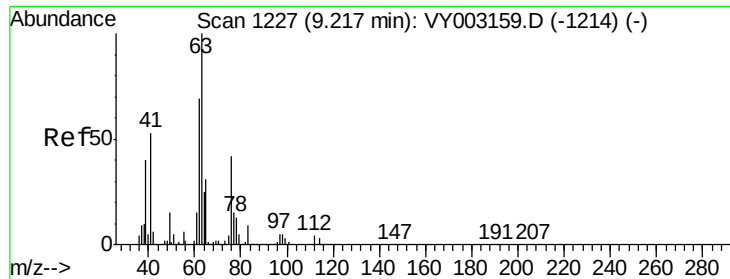


Abundance Ion 129.80 (129.50 to 130.50): VY003368.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY003368.D (-1182) (-)

Time-->

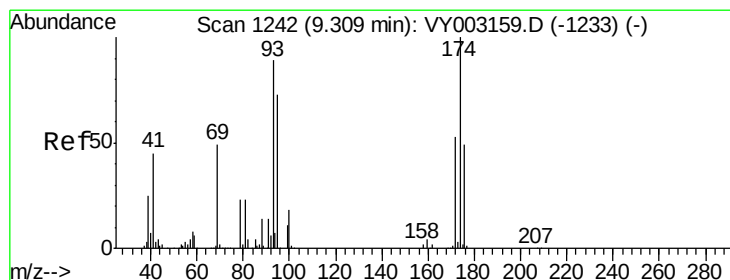
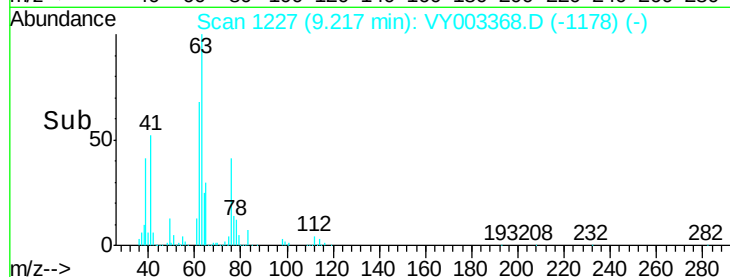
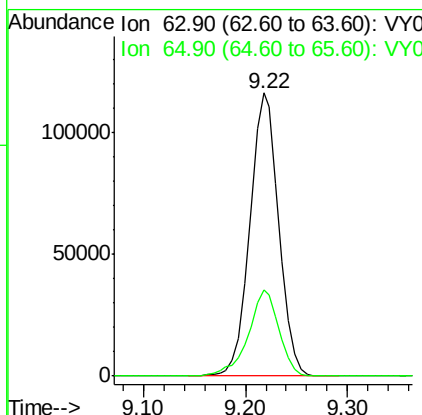
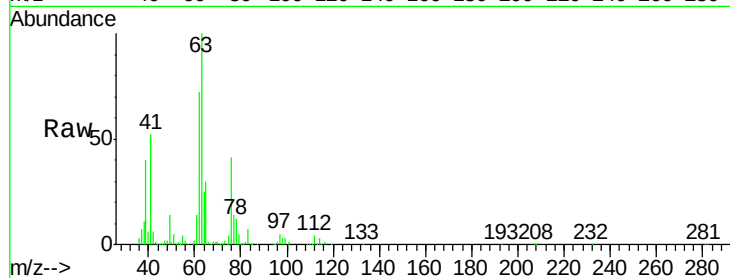




#45
 1,2-Dichloropropane
 Concen: 56.299 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

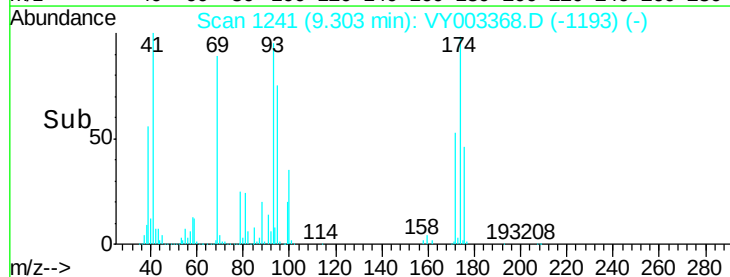
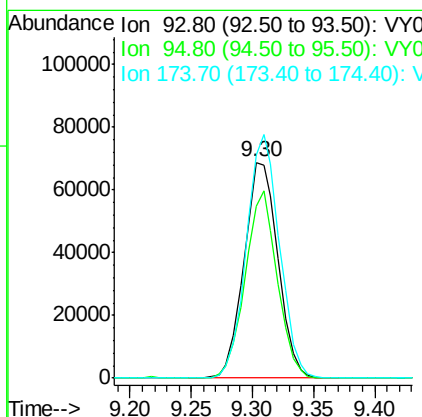
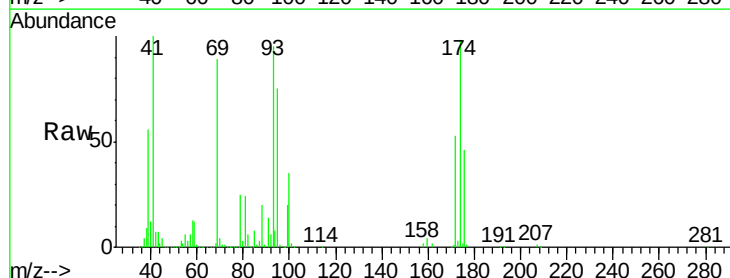
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

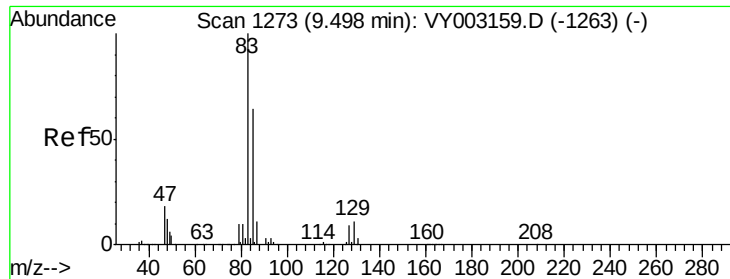
Tot Ion: 63 Resp: 228677
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 55.845 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion: 93 Resp: 132485
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 110.3 90.2 135.4





#47

Bromodichloromethane

Concen: 55.901 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

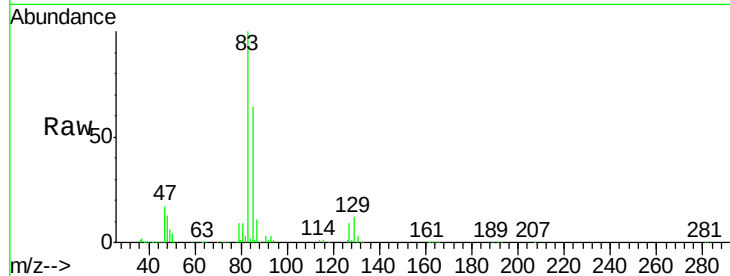
Tot Ion: 83 Resp: 315412

Ion Ratio Lower Upper

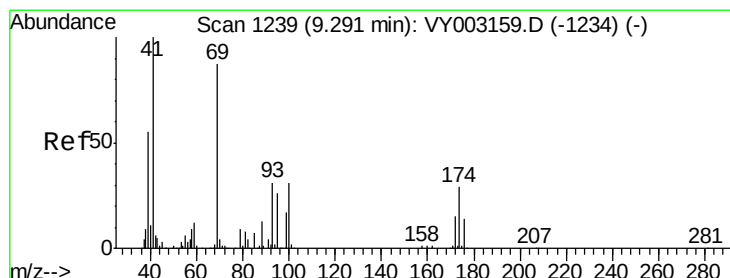
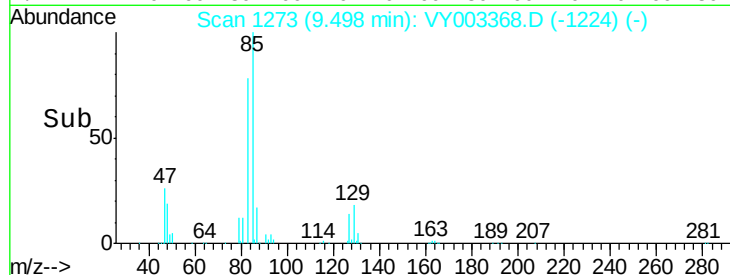
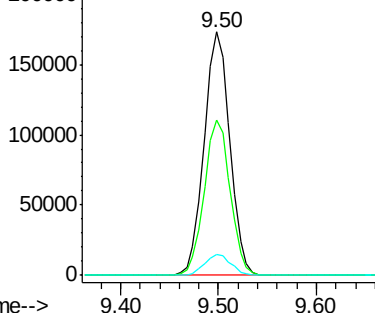
83 100

85 63.7 50.9 76.3

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 60.698 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

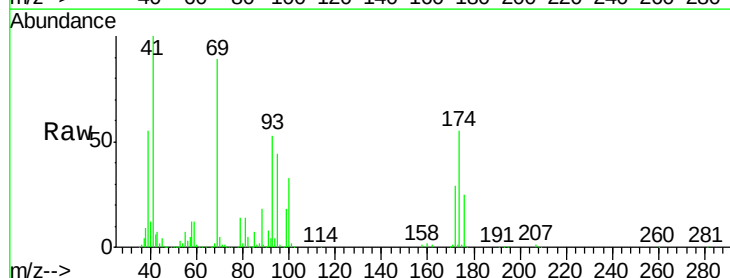
Tgt Ion: 41 Resp: 161257

Ion Ratio Lower Upper

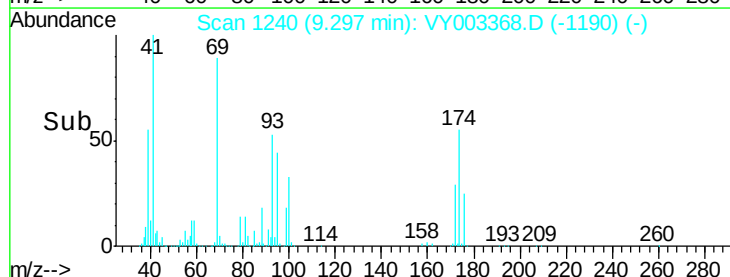
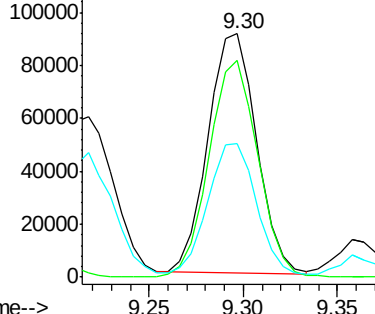
41 100

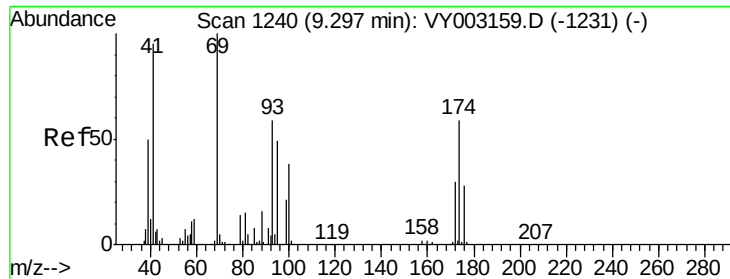
69 91.7 74.5 111.7

39 56.9 47.5 71.3



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





#49

1,4-Dioxane

Concen: 1225.105 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

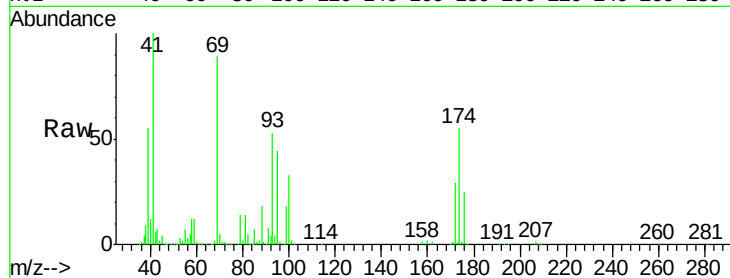
Tot Ion: 88 Resp: 36887

Ion Ratio Lower Upper

88 100

43 31.8 25.6 38.4

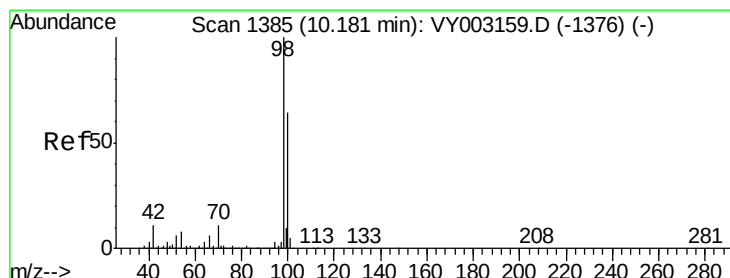
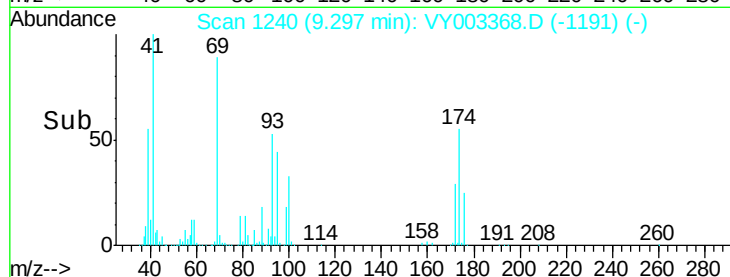
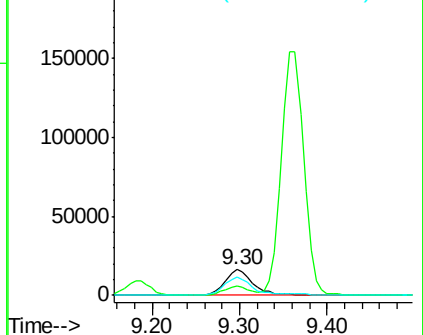
58 73.2 47.8 71.6#



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: 48.345 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003368.D

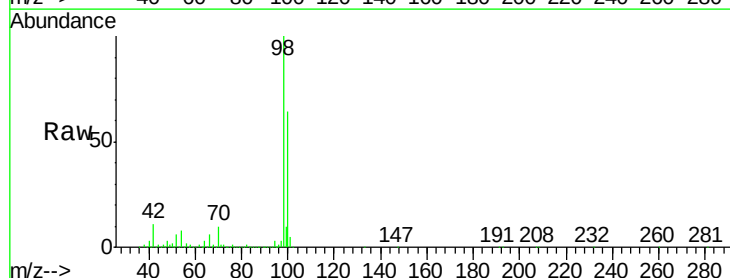
Acq: 27 Jul 2020 20:15

Tgt Ion: 98 Resp: 650635

Ion Ratio Lower Upper

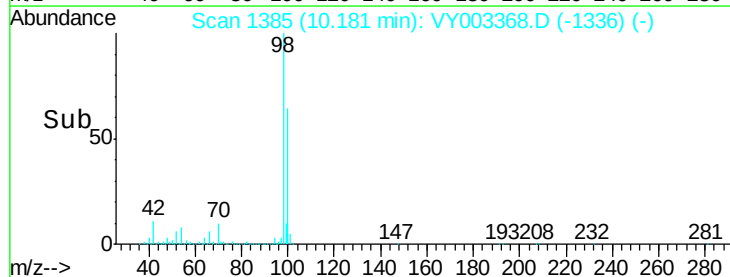
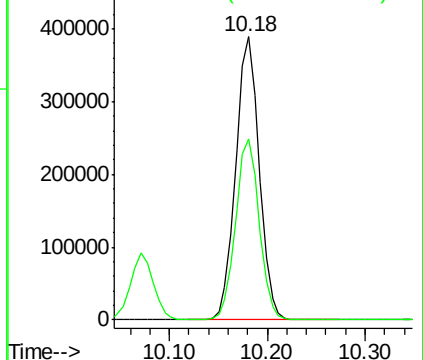
98 100

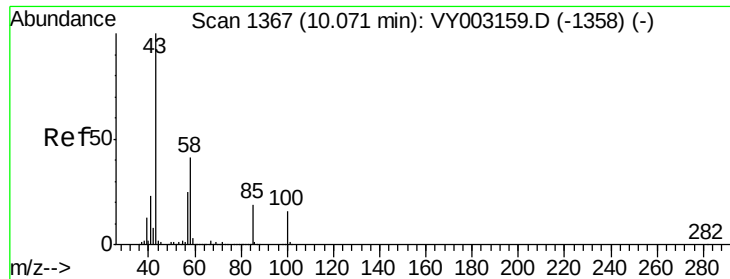
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

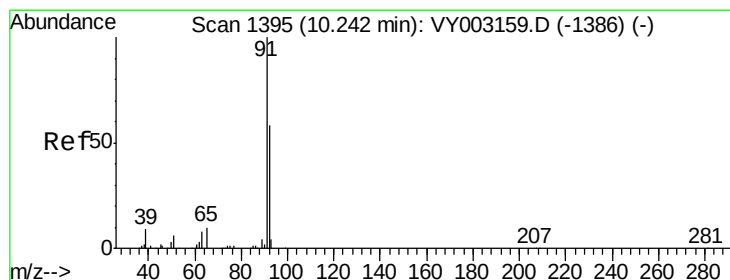
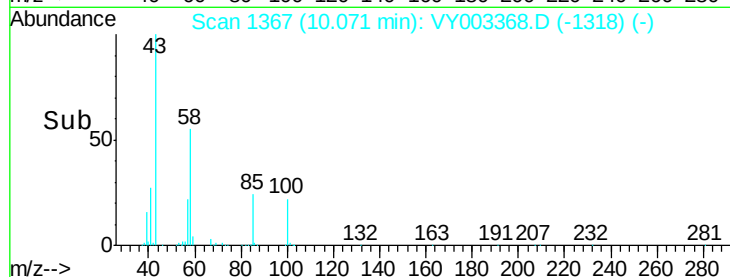
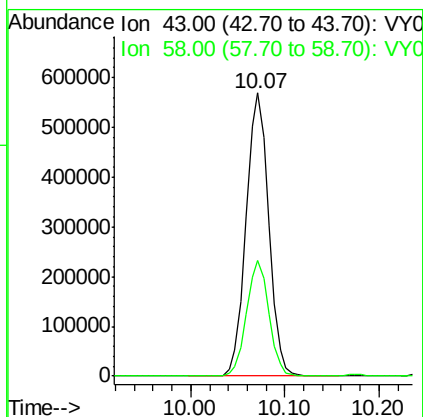
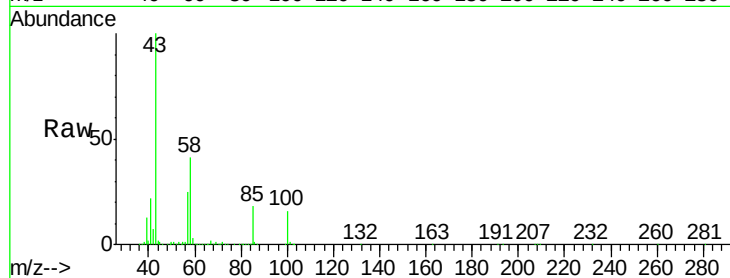




#51
4-Methyl-2-Pentanone
Concen: 310.161 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

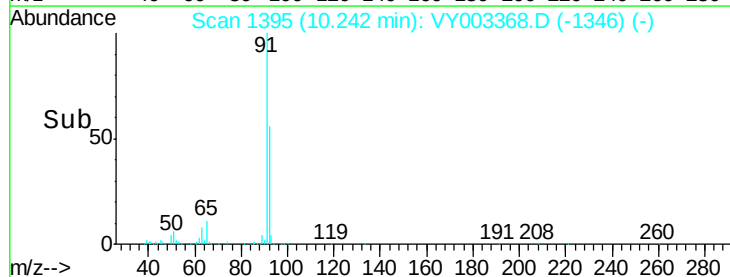
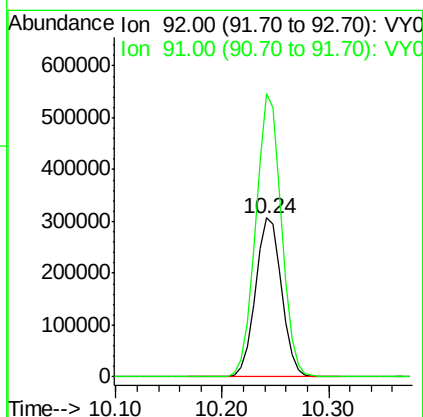
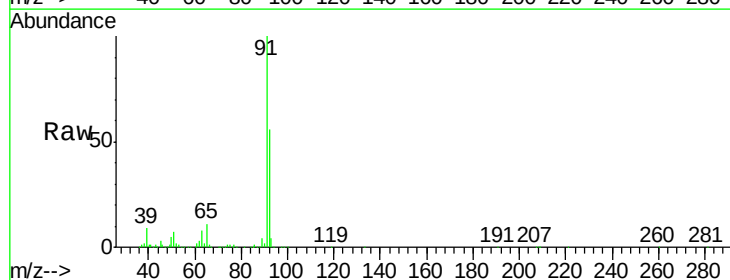
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

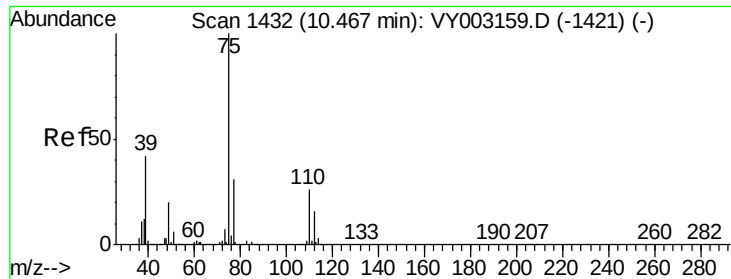
Tot Ion: 43 Resp: 958040
Ion Ratio Lower Upper
43 100
58 40.3 32.7 49.1



#52
Toluene
Concen: 52.704 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 92 Resp: 528798
Ion Ratio Lower Upper
92 100
91 174.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 55.868 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

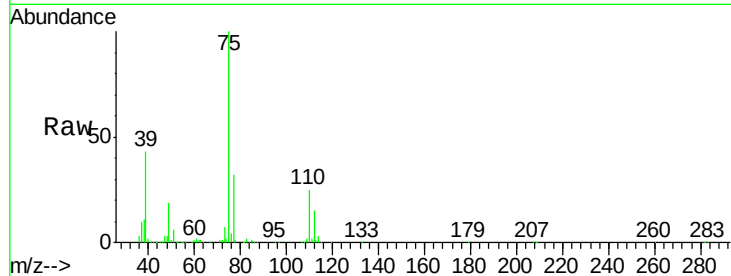
VSTDCCC050EC

Tot Ion: 75 Resp: 326602

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

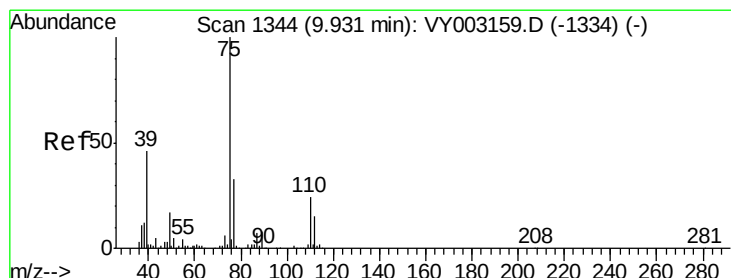
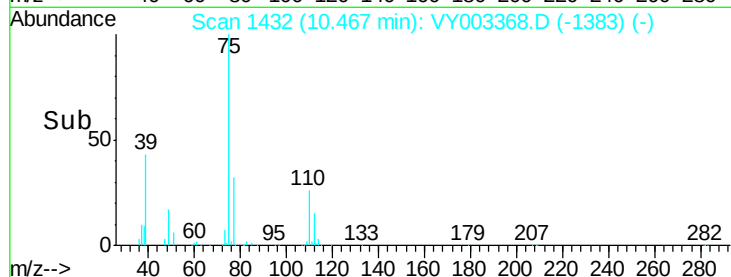
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.143 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

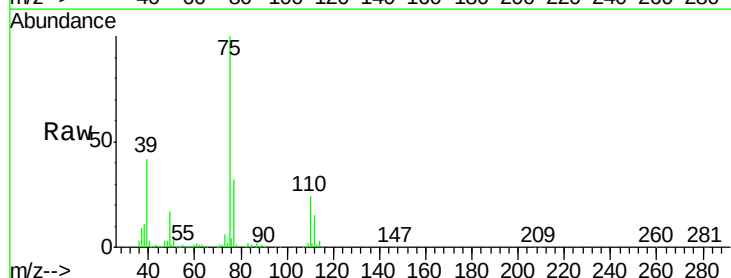
Tgt Ion: 75 Resp: 364689

Ion Ratio Lower Upper

75 100

77 31.9 26.7 40.1

39 42.1 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

300000

250000

200000

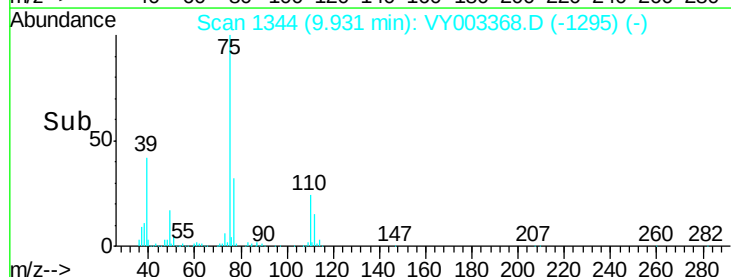
150000

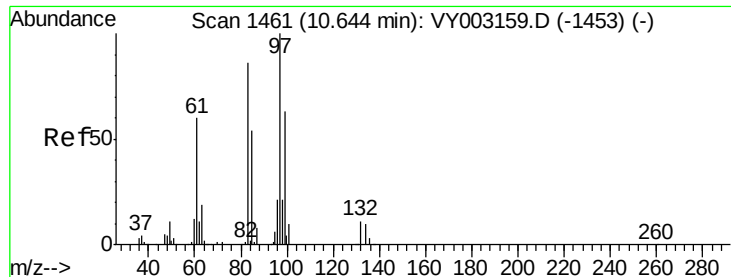
100000

50000

0

Time-->

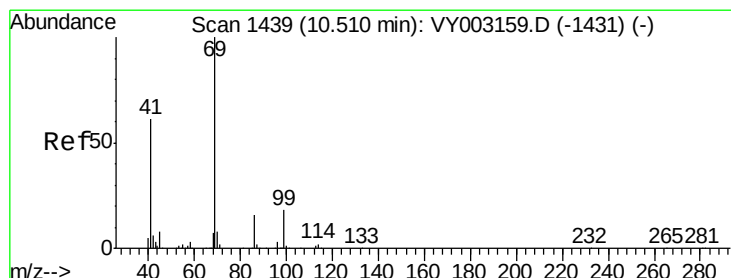
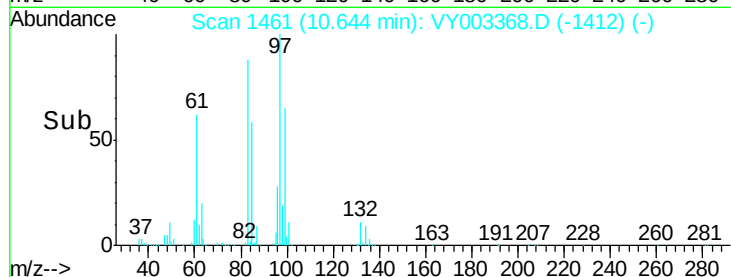
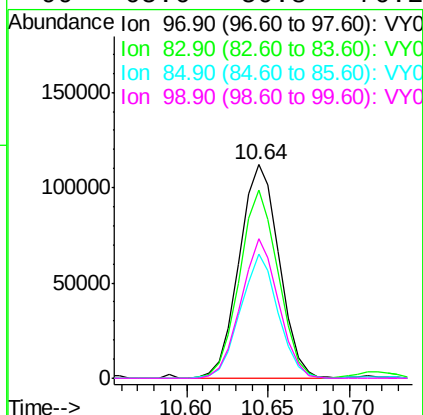
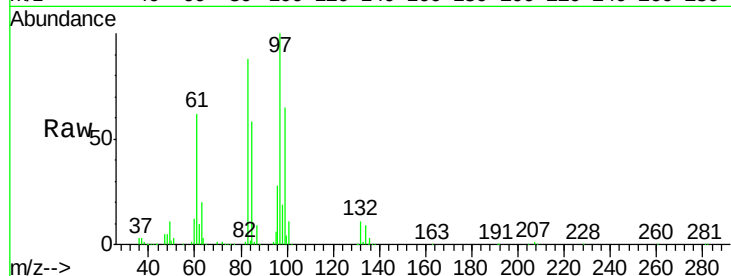




#55
 1,1,2-Trichloroethane
 Concen: 56.183 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

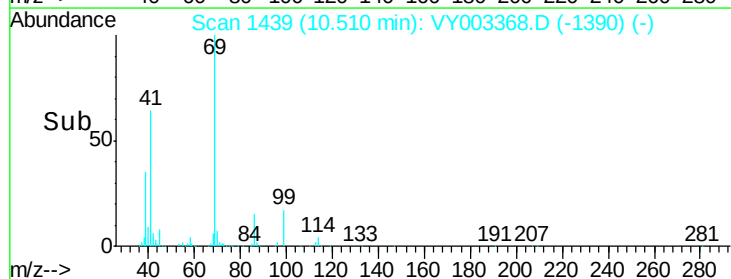
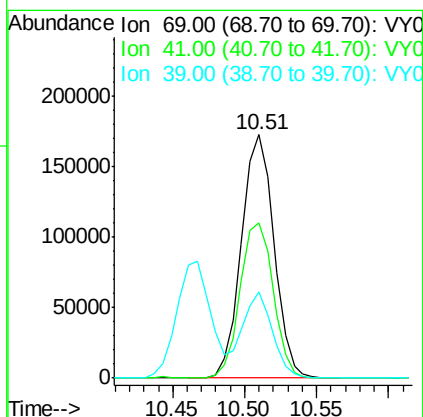
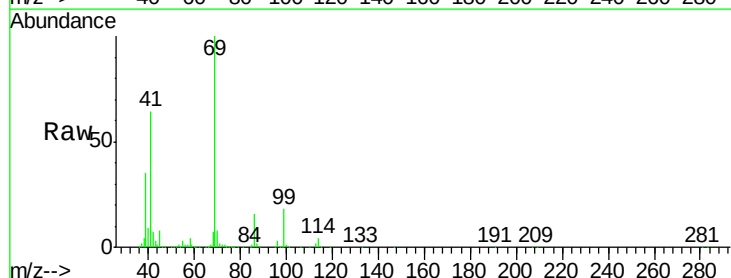
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

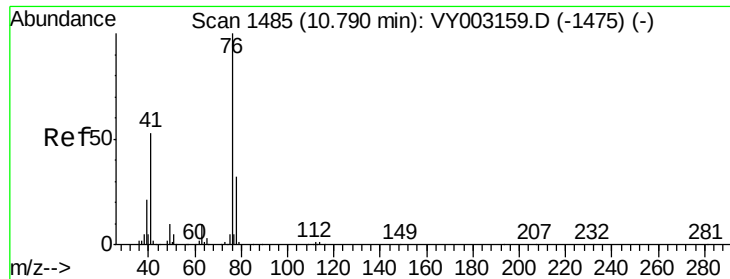
Tot Ion:	97	Resp:	188872
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.8	103.2
85	58.0	43.1	64.7
99	65.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 59.261 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion:	69	Resp:	270848
Ion	Ratio	Lower	Upper
69	100		
41	64.7	50.0	75.0
39	33.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 56.944 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

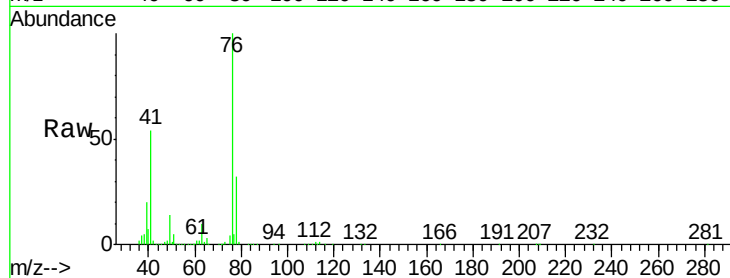
VSTDCCC050EC

Tot Ion: 76 Resp: 324583

Ion Ratio Lower Upper

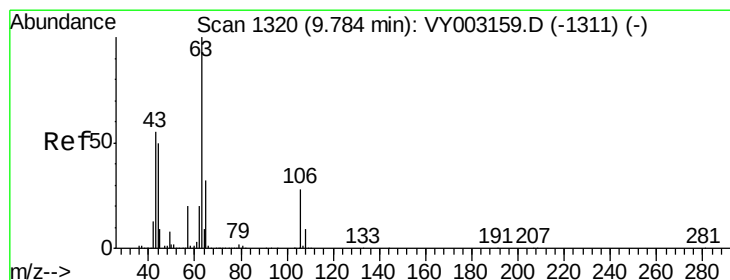
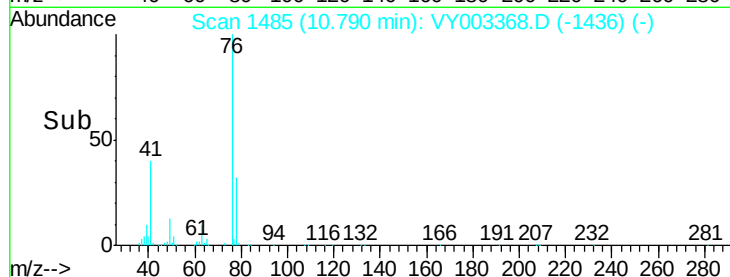
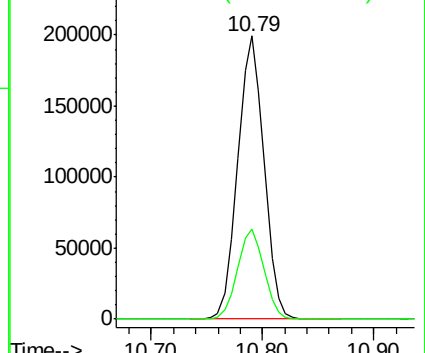
76 100

78 31.9 26.0 39.0



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: 298.336 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003368.D

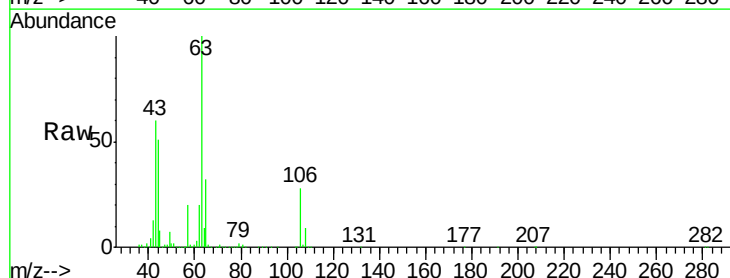
Acq: 27 Jul 2020 20:15

Tgt Ion: 63 Resp: 695392

Ion Ratio Lower Upper

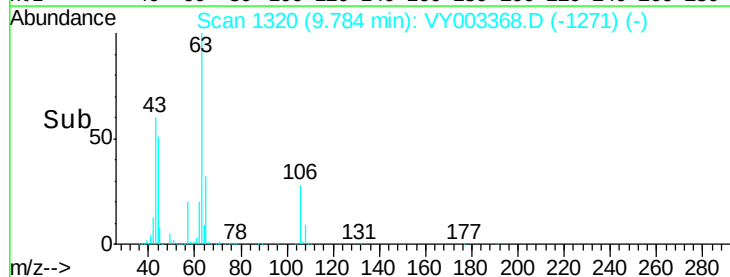
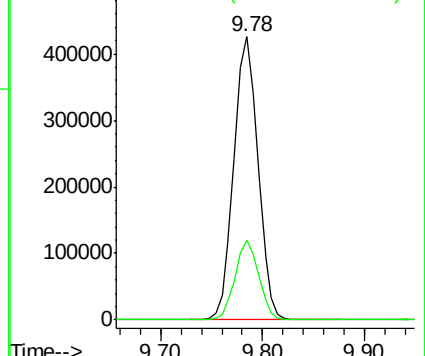
63 100

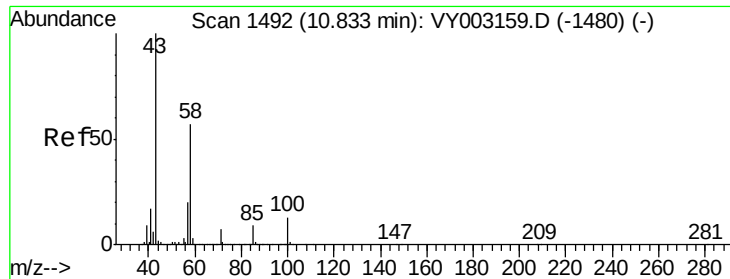
106 27.5 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

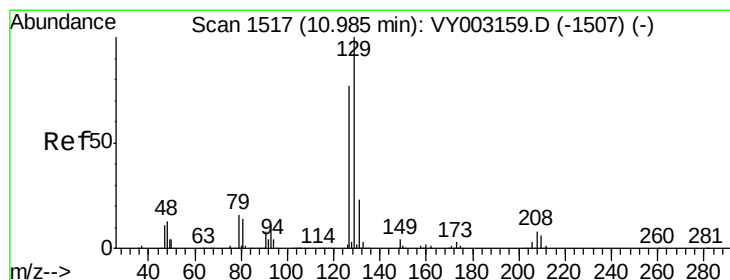
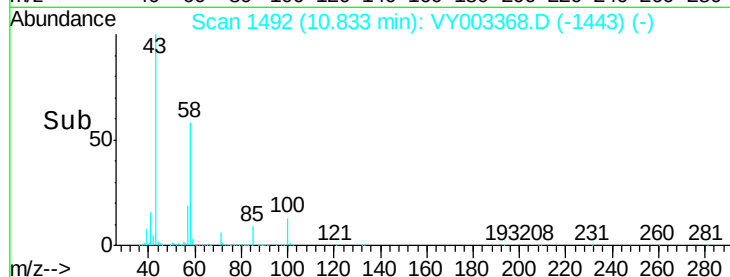
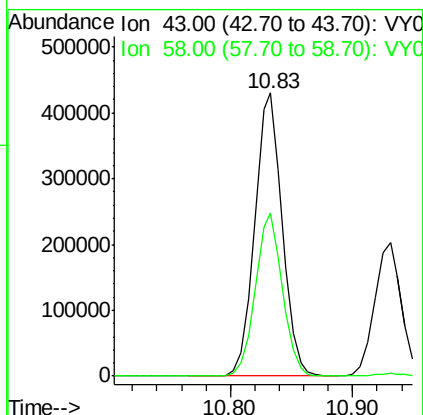
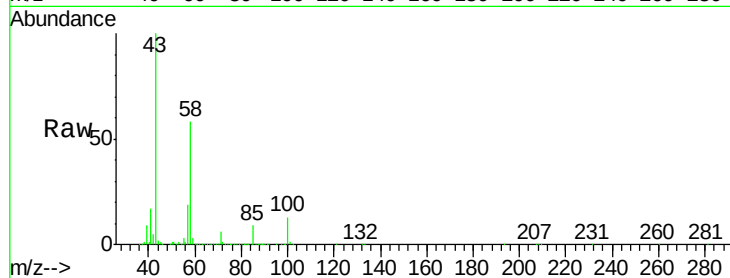




#59
2-Hexanone
Concen: 311.267 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

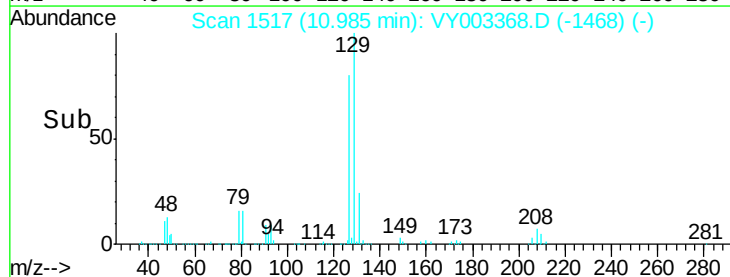
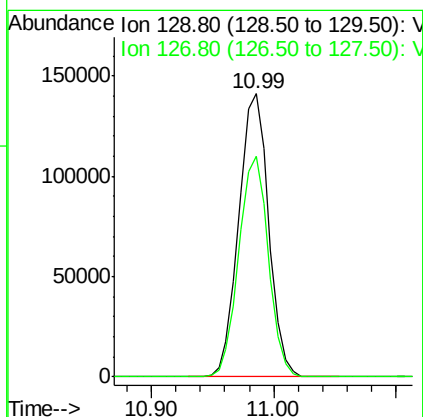
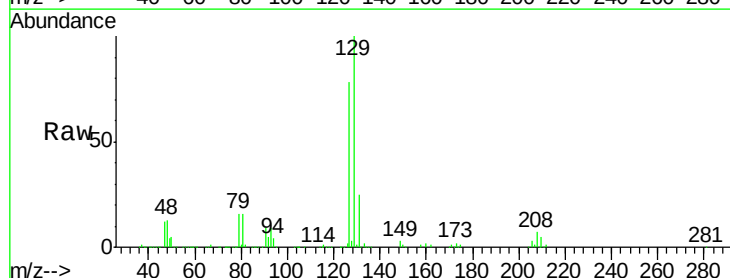
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

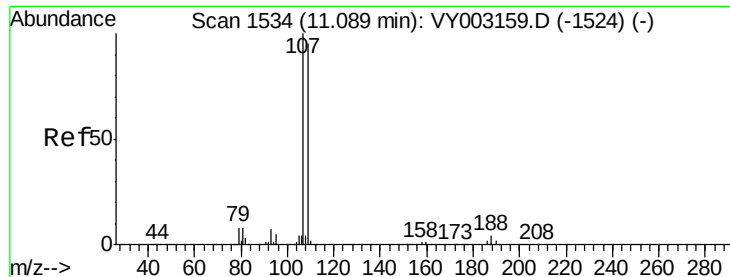
Tot Ion: 43 Resp: 671166
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 56.490 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 129 Resp: 238852
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 55.093 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

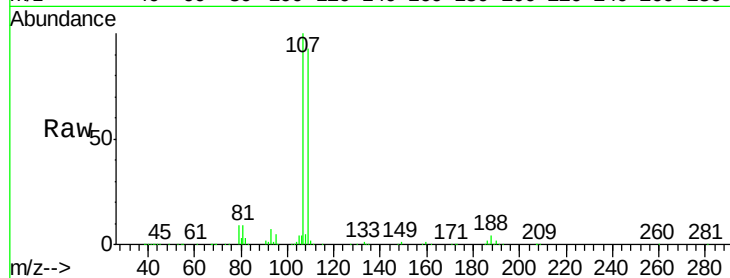
VSTDCCC050EC

Tot Ion: 107 Resp: 182794

Ion Ratio Lower Upper

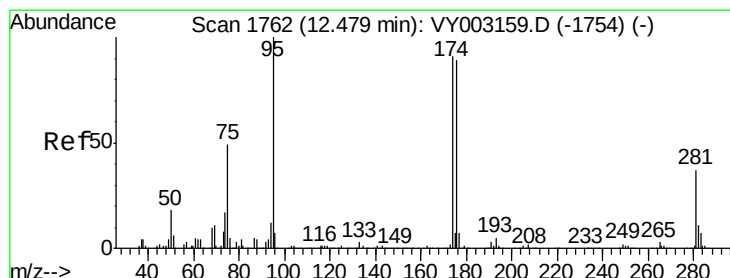
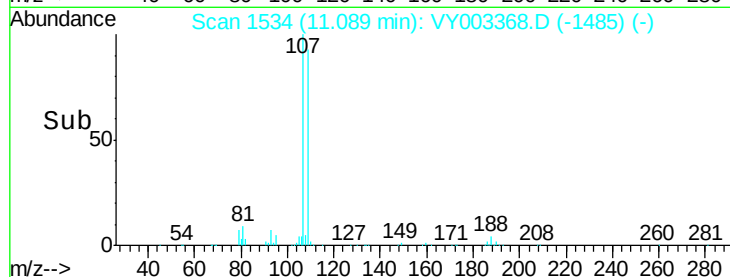
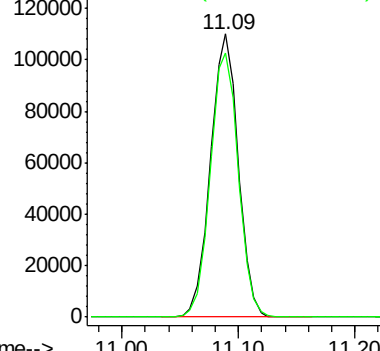
107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.994 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

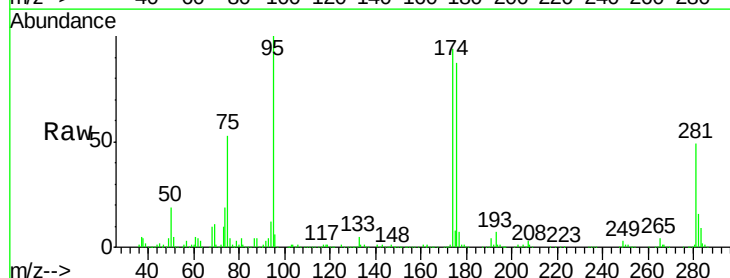
Tgt Ion: 95 Resp: 243064

Ion Ratio Lower Upper

95 100

174 95.2 0.0 190.6

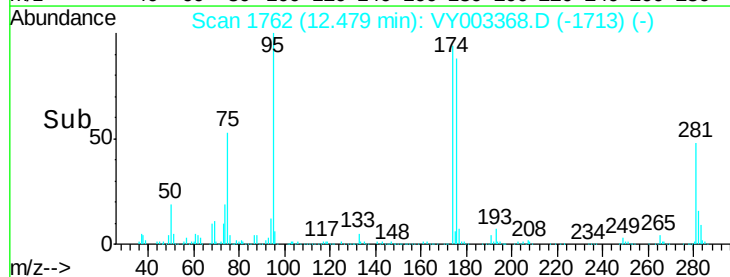
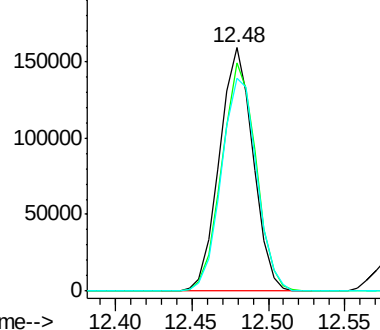
176 92.3 0.0 186.4

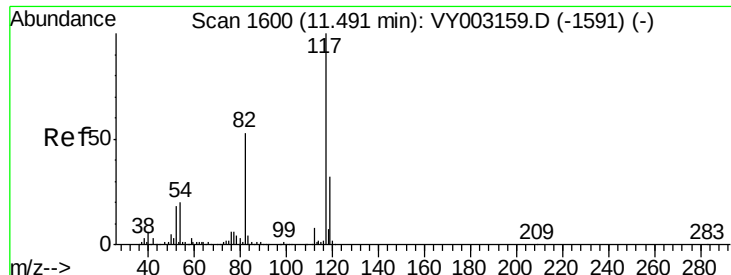


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

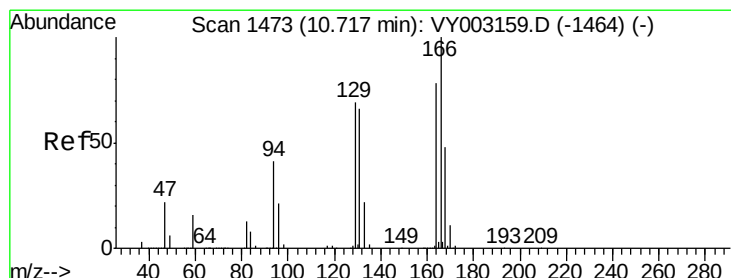
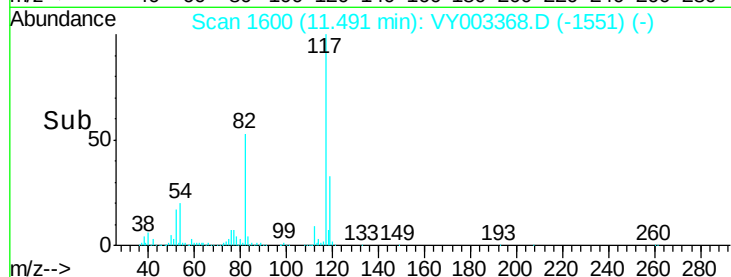
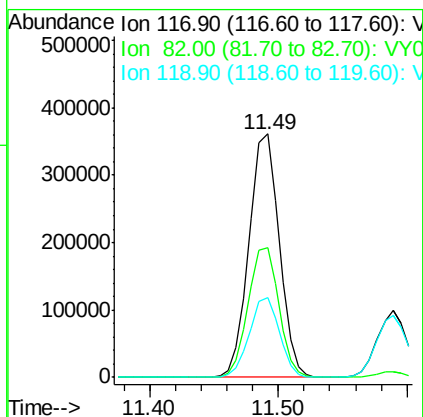
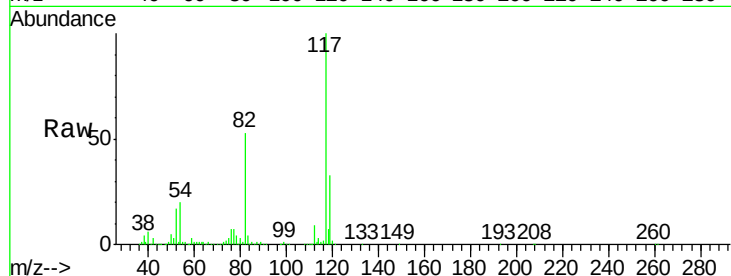




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

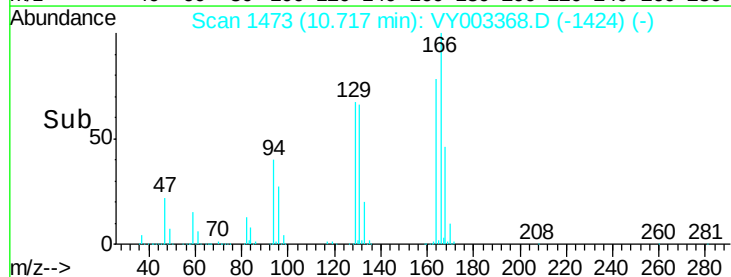
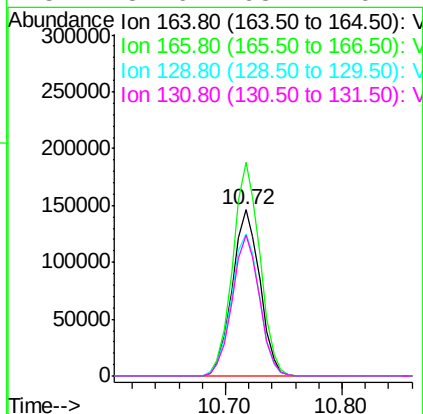
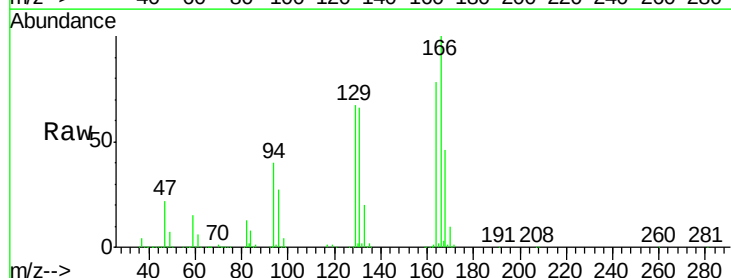
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

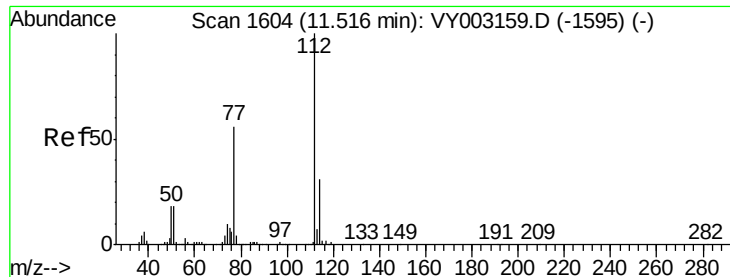
Tot Ion:117 Resp: 585061
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 46.249 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion:164 Resp: 241262
Ion Ratio Lower Upper
164 100
166 128.8 102.9 154.3
129 85.8 71.4 107.2
131 84.6 68.1 102.1





#65

Chlorobenzene

Concen: 52.662 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

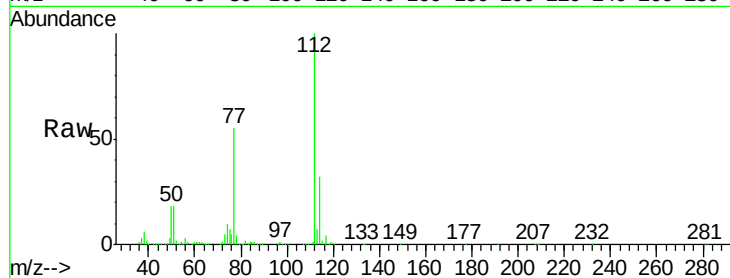
VSTDCCC050EC

Tot Ion:112 Resp: 593553

Ion Ratio Lower Upper

112 100

114 32.5 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

400000

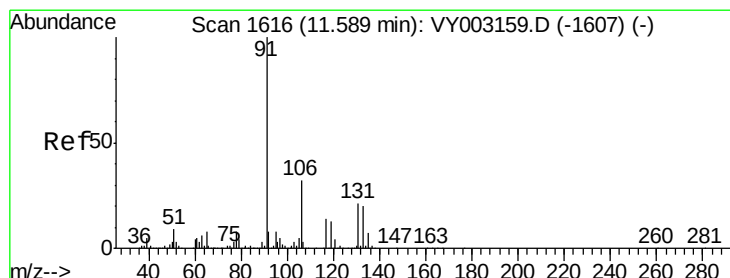
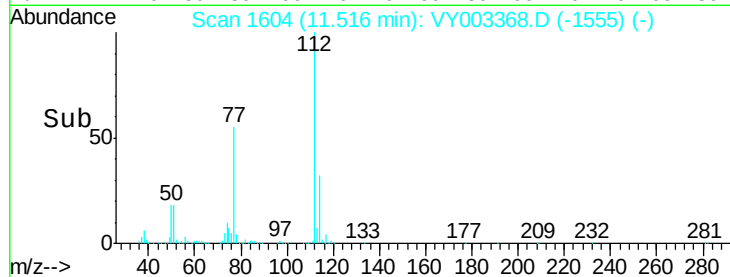
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 54.295 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

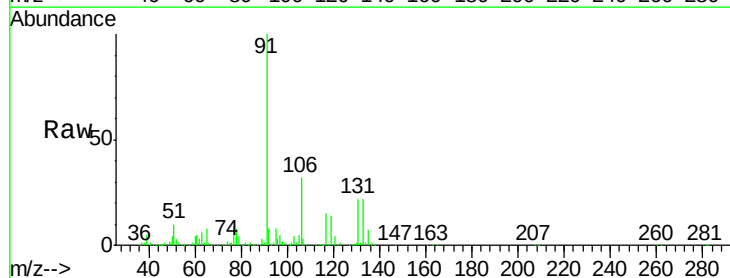
Tgt Ion:131 Resp: 237679

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.0

119 64.0 32.4 97.0



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

11.59

200000

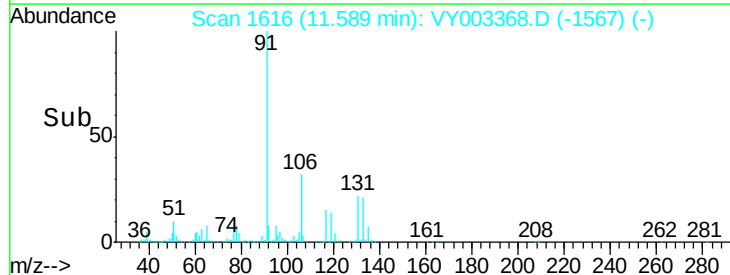
150000

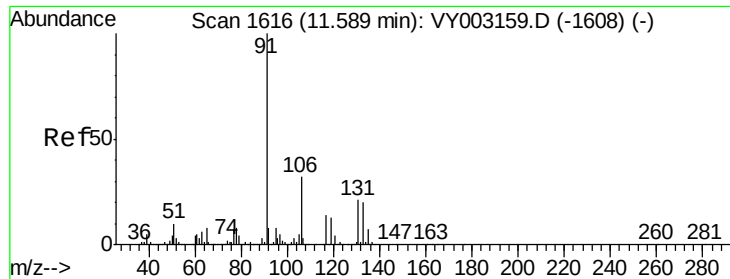
100000

50000

0

Time--> 11.50 11.60

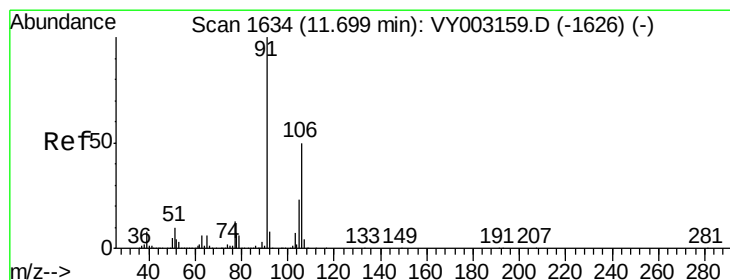
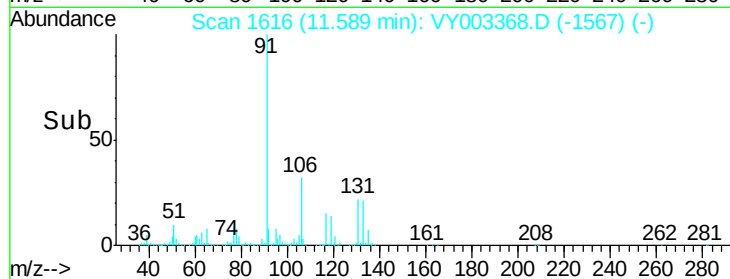
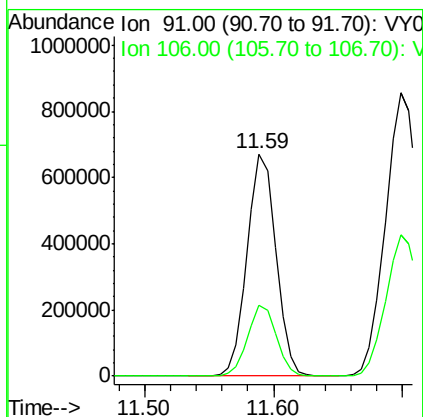
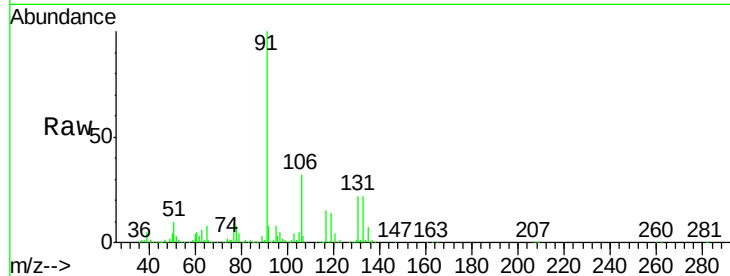




#67
Ethyl Benzene
Concen: 51.481 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

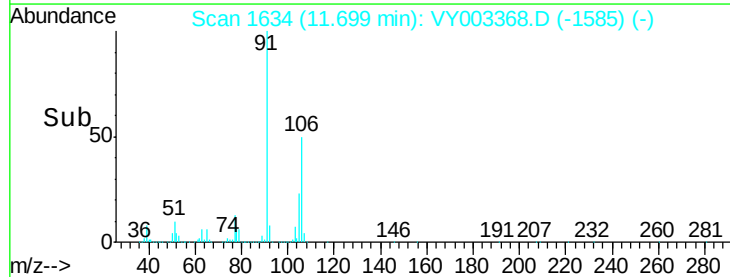
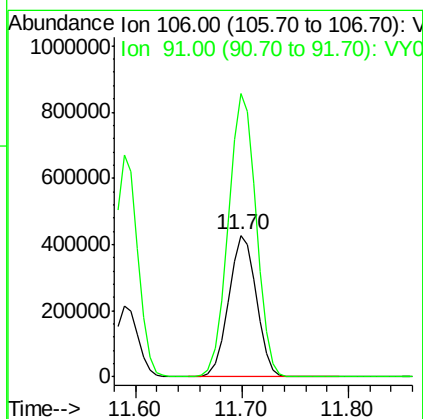
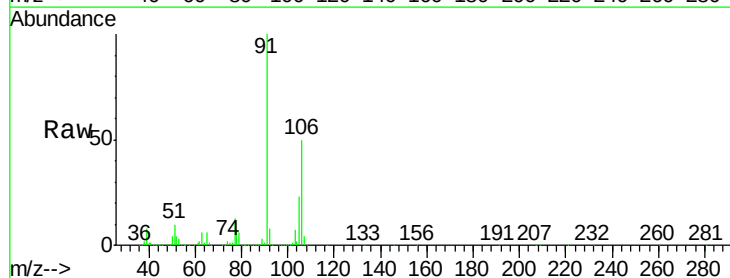
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

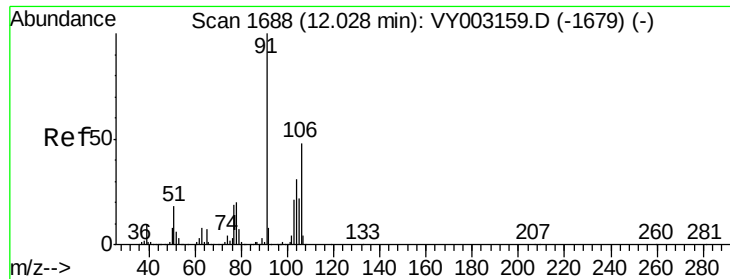
Tot Ion: 91 Resp: 1036009
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 102.310 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 106 Resp: 781206
Ion Ratio Lower Upper
106 100
91 200.2 159.0 238.6

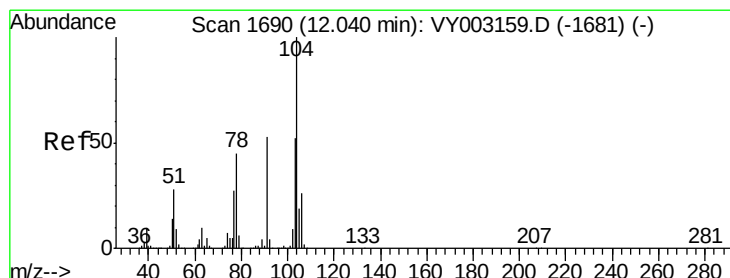
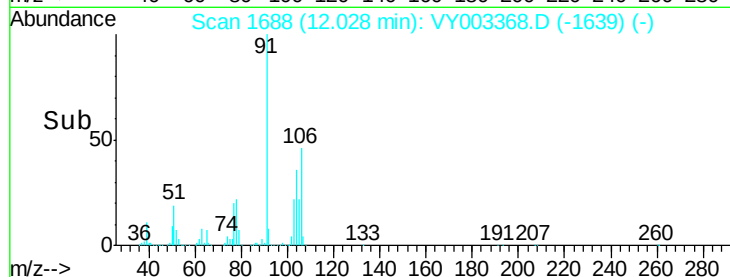
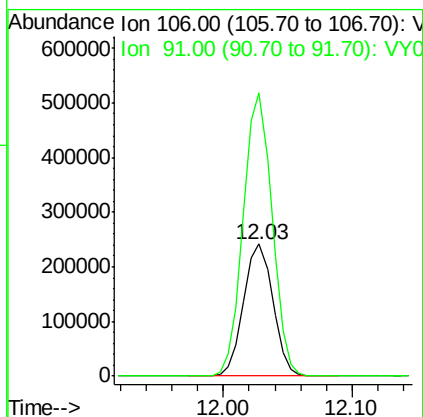
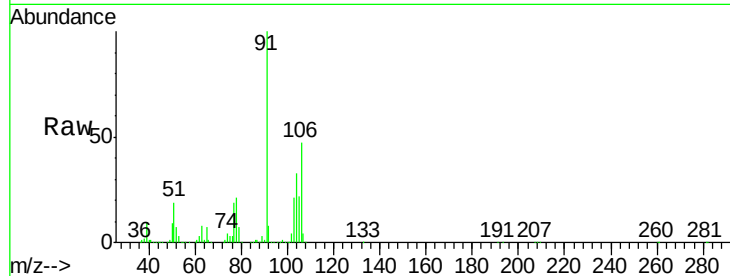




#69
o-Xylene
Concen: 53.276 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

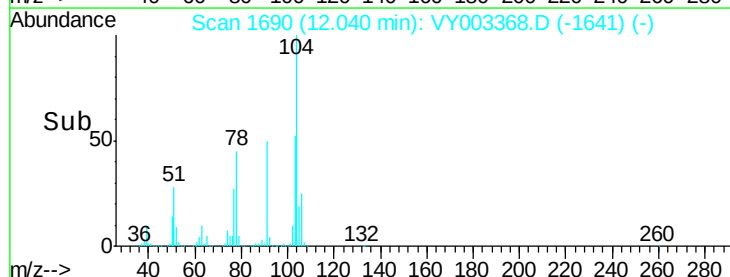
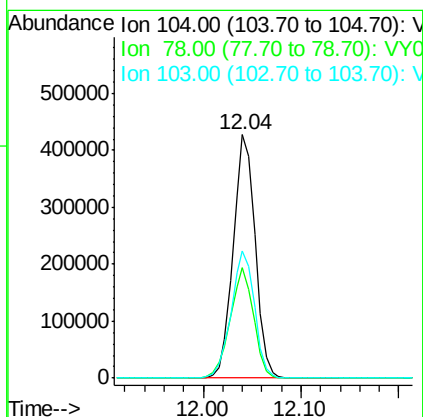
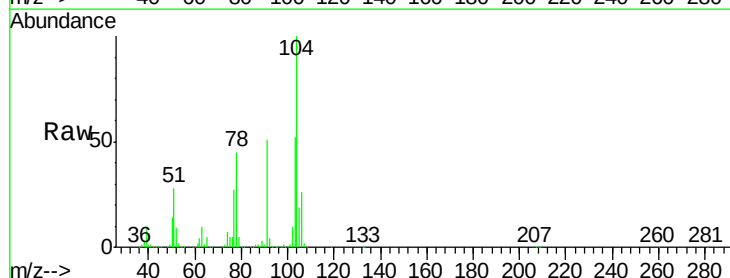
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

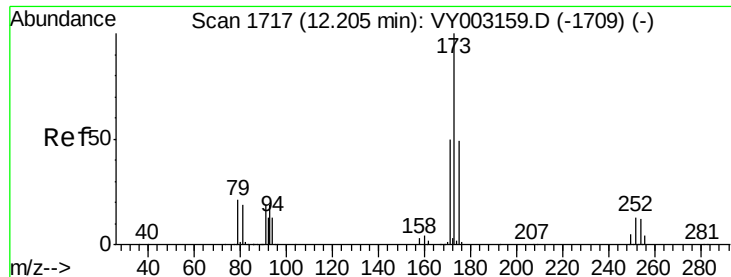
Tot Ion:106 Resp: 380039
Ion Ratio Lower Upper
106 100
91 210.8 105.1 315.1



#70
Styrene
Concen: 54.460 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion:104 Resp: 664560
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.6 43.9 65.9





#71

Bromoform

Concen: 56.454 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

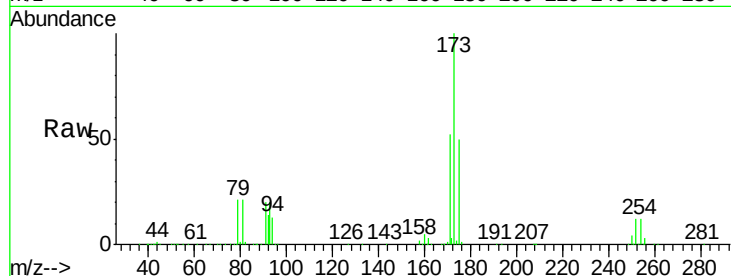
Tot Ion:173 Resp: 162199

Ion Ratio Lower Upper

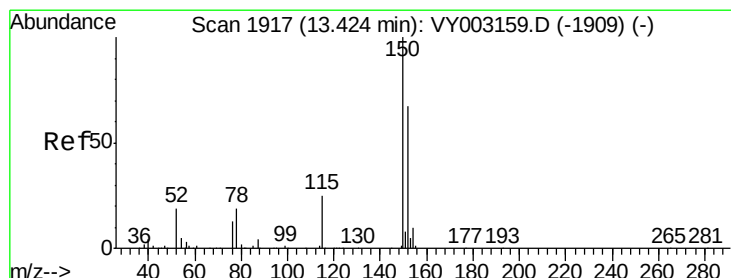
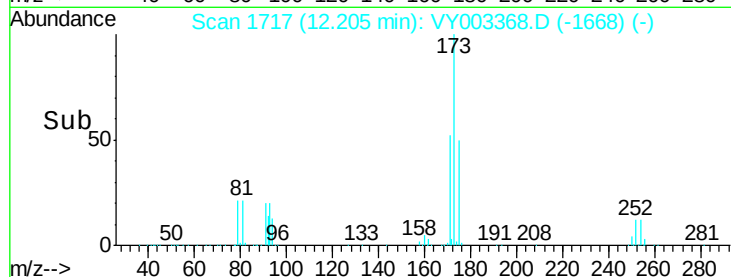
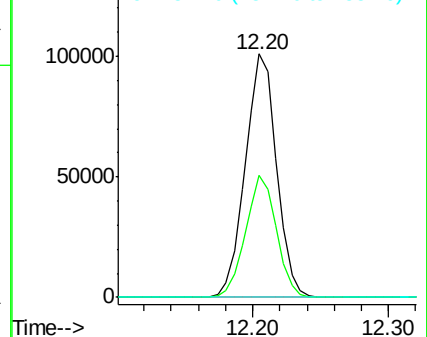
173 100

175 49.5 24.3 73.0

254 0.1 0.2 0.2#



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: VY003368.D

Acq: 27 Jul 2020 20:15

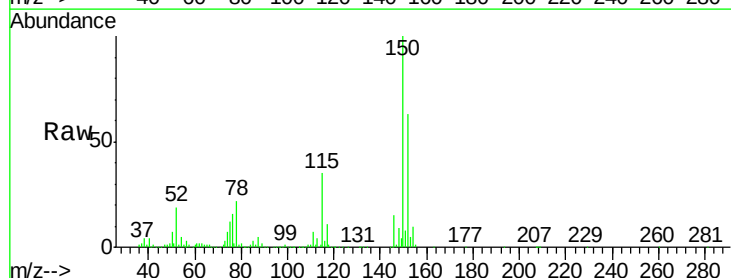
Tgt Ion:152 Resp: 311812

Ion Ratio Lower Upper

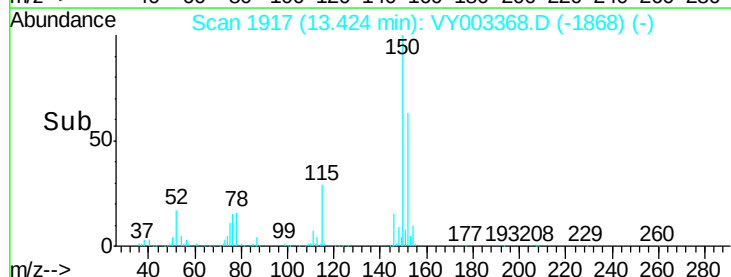
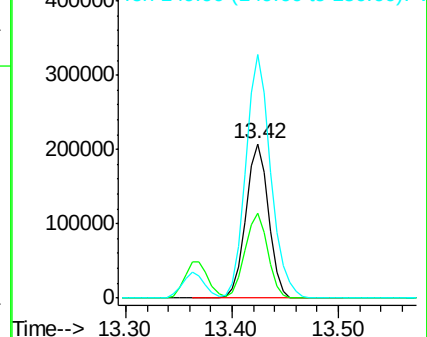
152 100

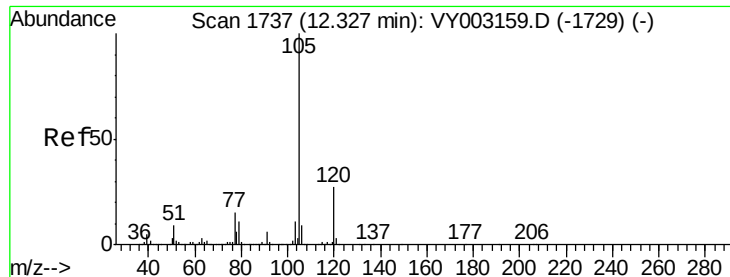
115 54.9 26.9 80.7

150 173.2 0.0 338.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.377 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

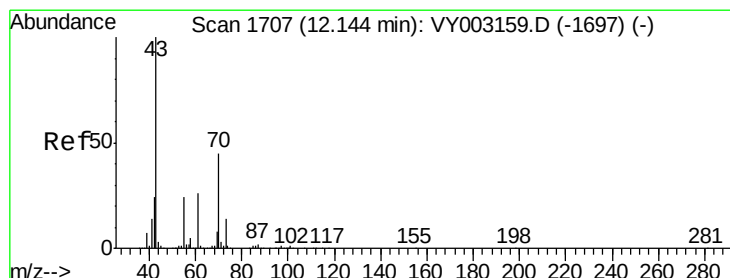
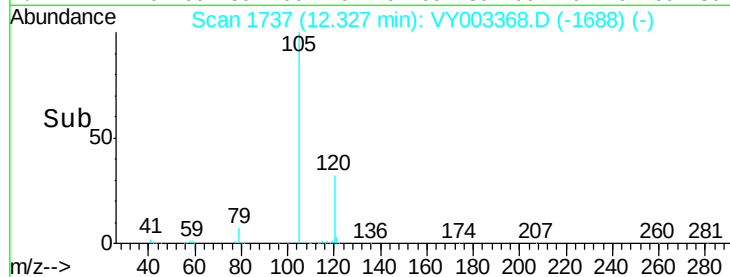
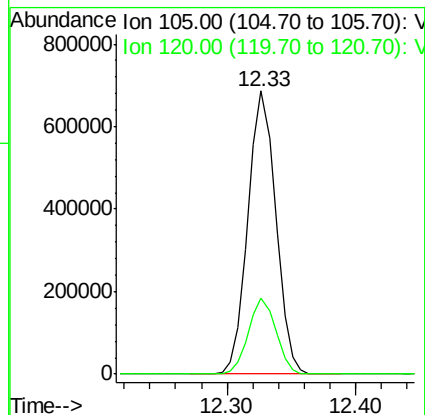
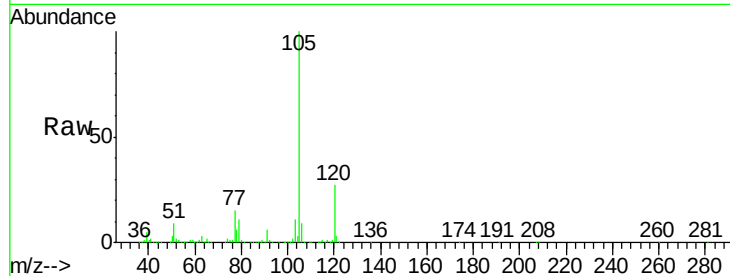
VSTDCCC050EC

Tot Ion:105 Resp: 1020898

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 57.883 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Tgt Ion: 43 Resp: 322723

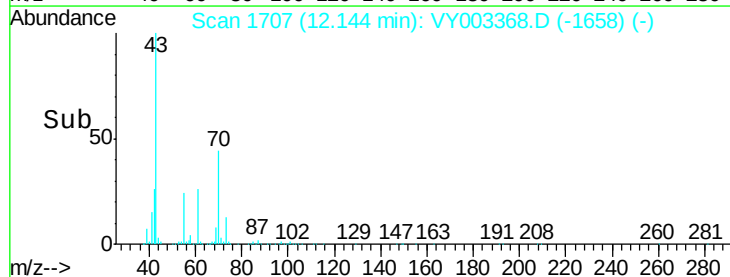
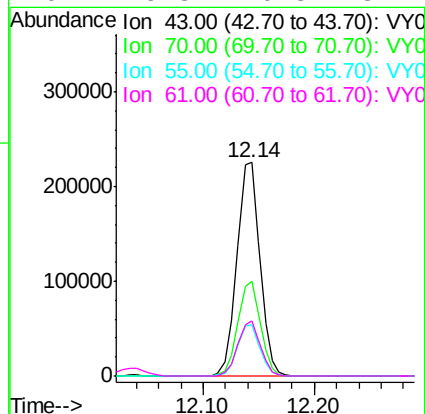
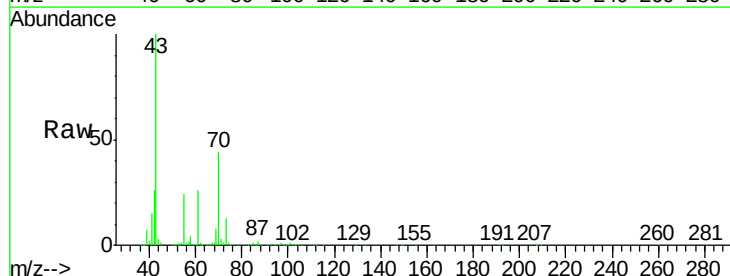
Ion Ratio Lower Upper

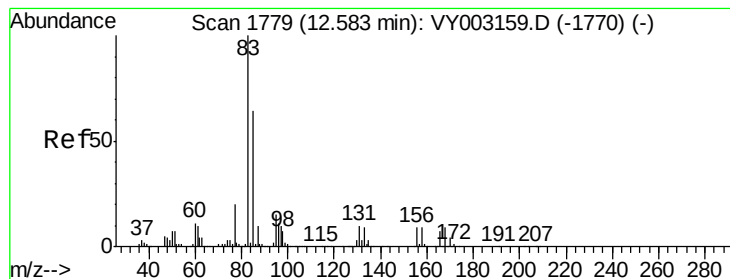
43 100

70 43.5 35.6 53.4

55 24.0 19.4 29.2

61 25.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 58.545 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

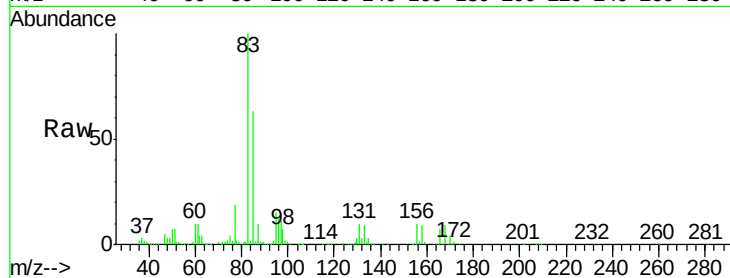
Tot Ion: 83 Resp: 224681

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

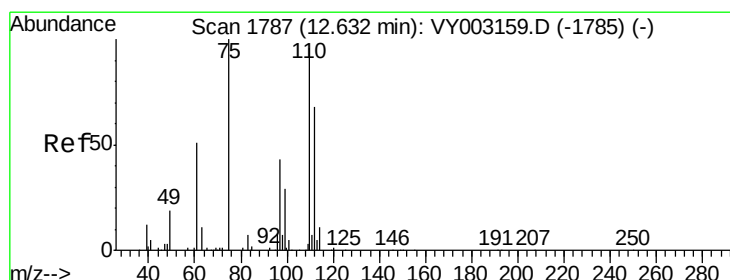
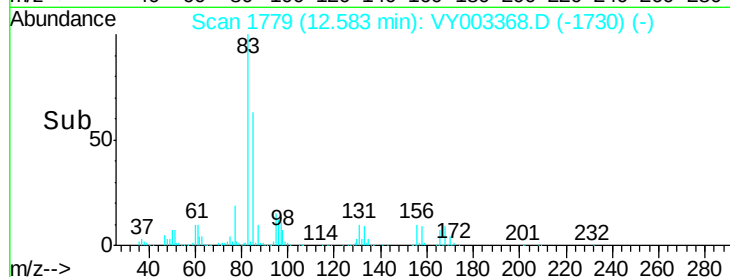
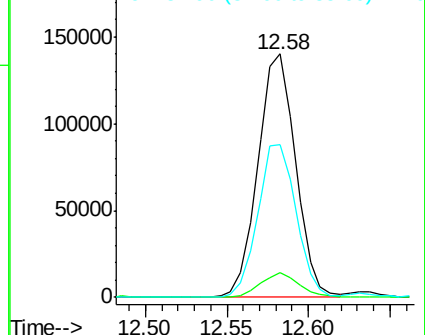
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 56.492 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003368.D

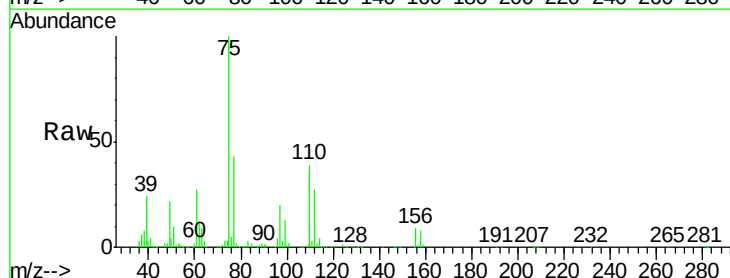
Acq: 27 Jul 2020 20:15

Tgt Ion: 75 Resp: 155923

Ion Ratio Lower Upper

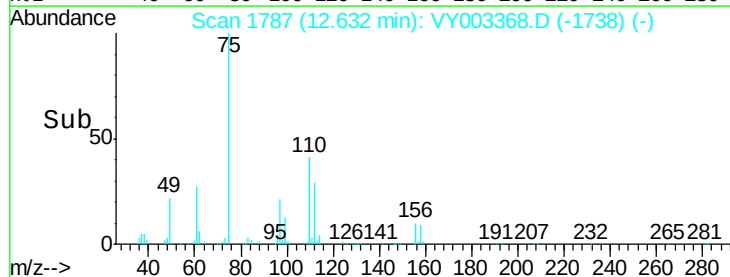
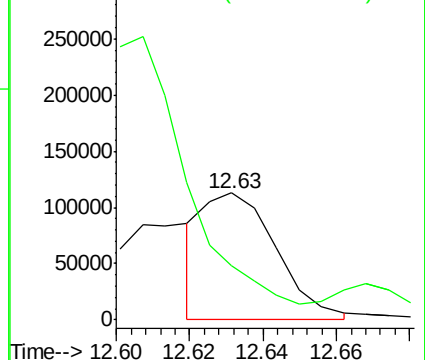
75 100

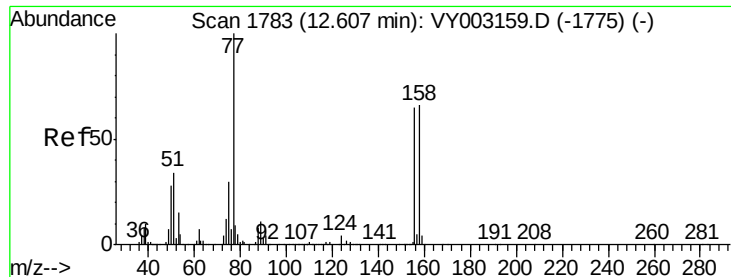
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.522 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

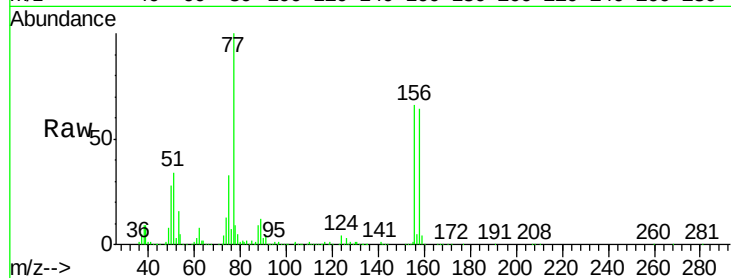
Tot Ion:156 Resp: 271093

Ion Ratio Lower Upper

156 100

77 174.0 86.6 259.7

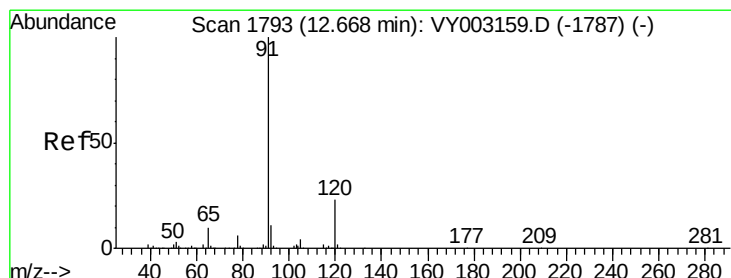
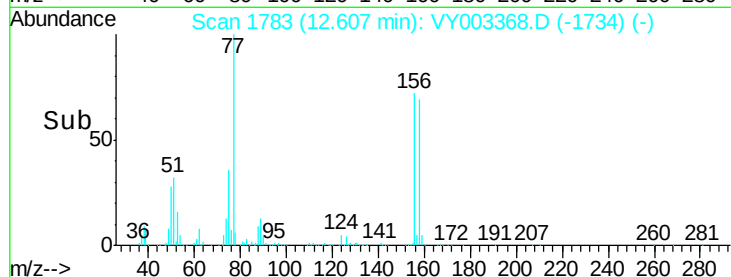
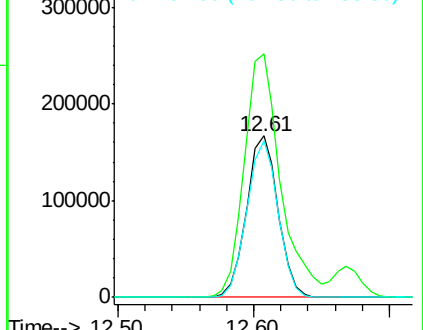
158 96.1 49.4 148.0



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: 51.529 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003368.D

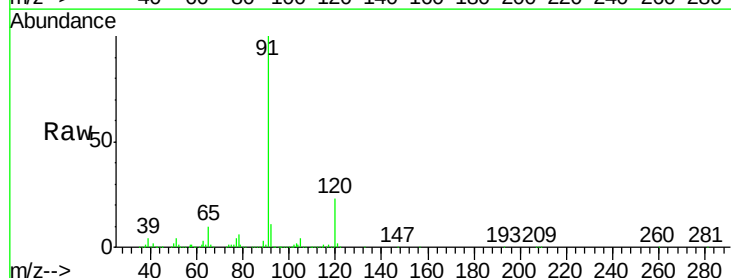
Acq: 27 Jul 2020 20:15

Tgt Ion: 91 Resp: 1206948

Ion Ratio Lower Upper

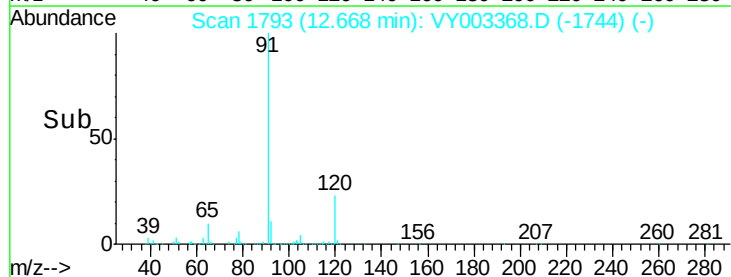
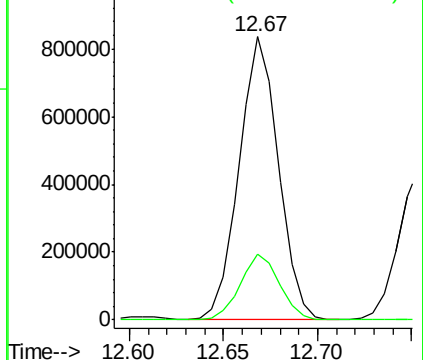
91 100

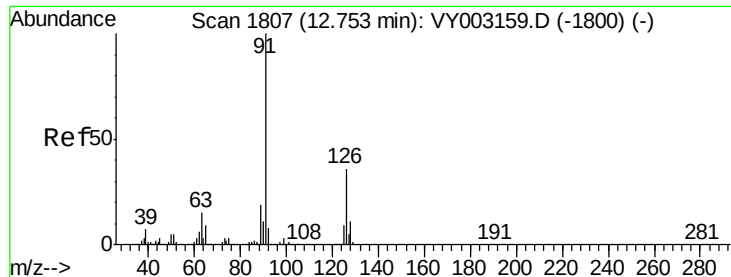
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.120 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

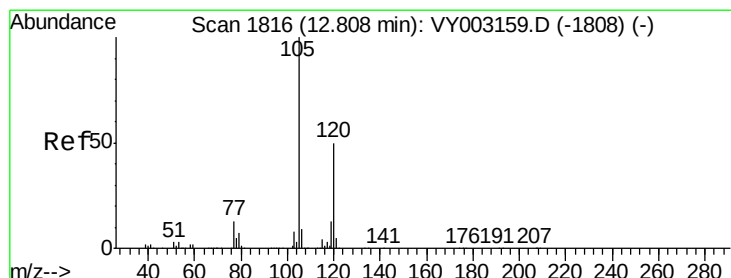
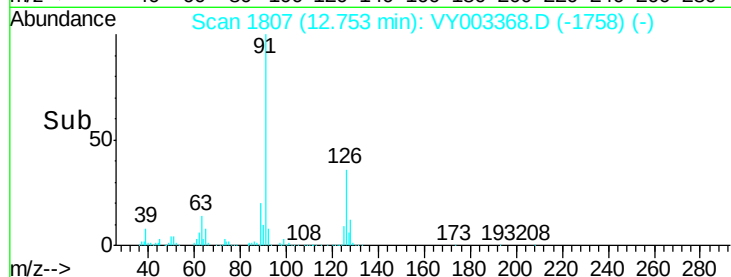
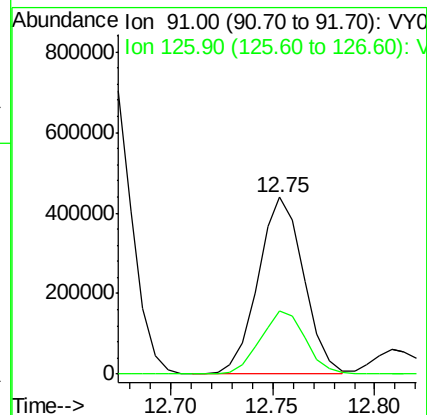
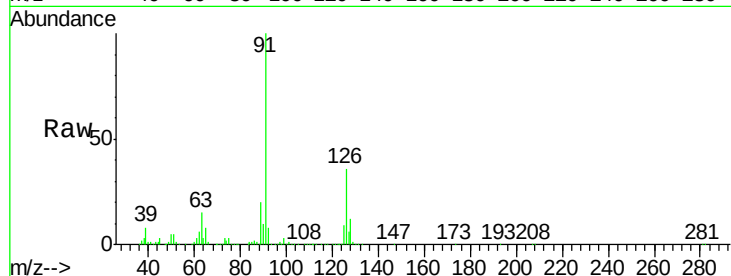
VSTDCCC050EC

Tot Ion: 91 Resp: 681125

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 52.114 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003368.D

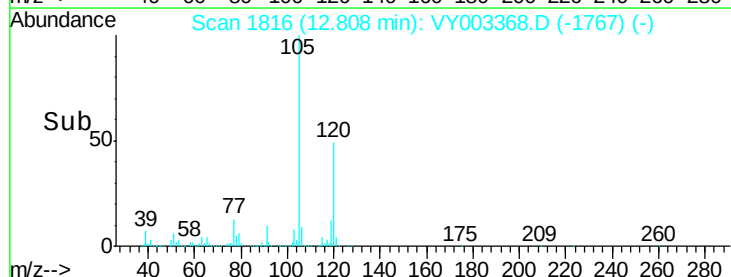
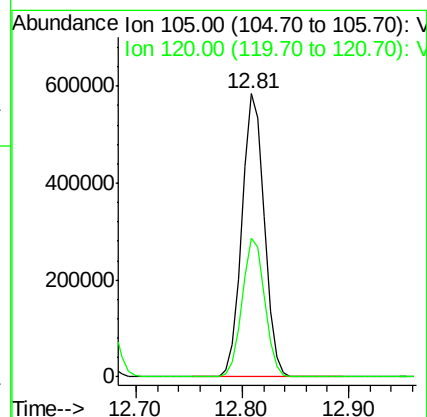
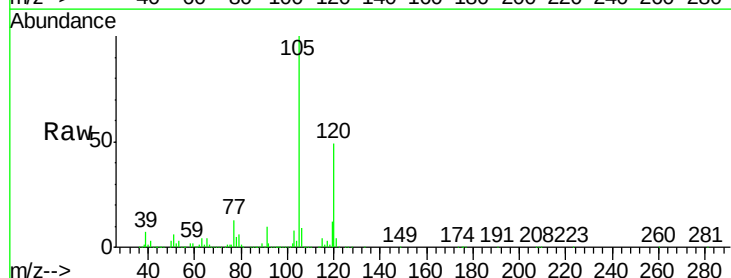
Acq: 27 Jul 2020 20:15

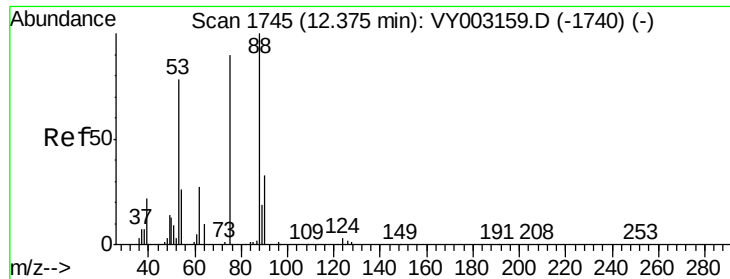
Tgt Ion: 105 Resp: 863087

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.316 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

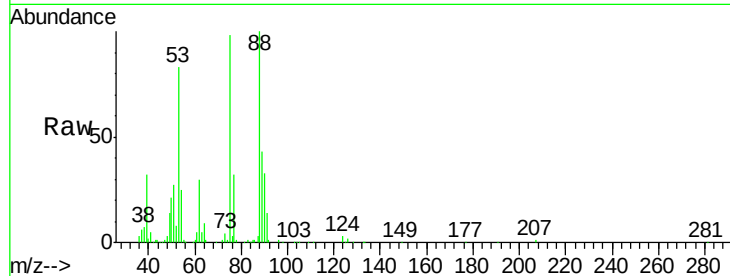
Tot Ion: 75 Resp: 78449

Ion Ratio Lower Upper

75 100

53 85.6 72.0 108.0

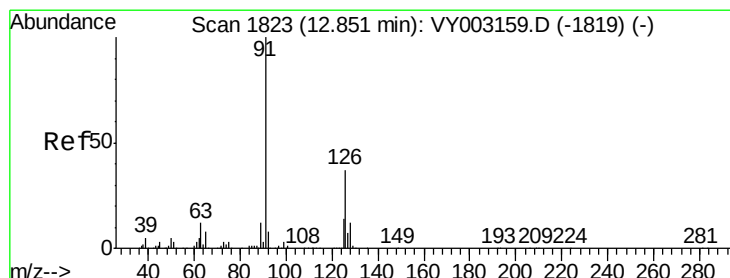
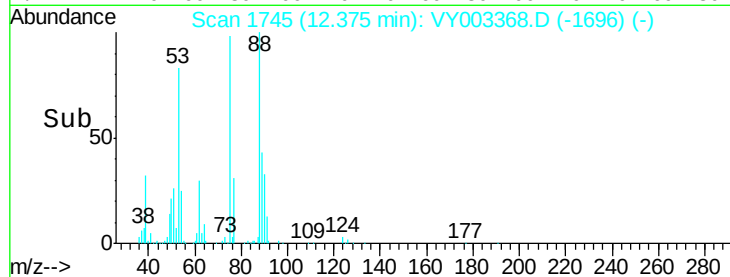
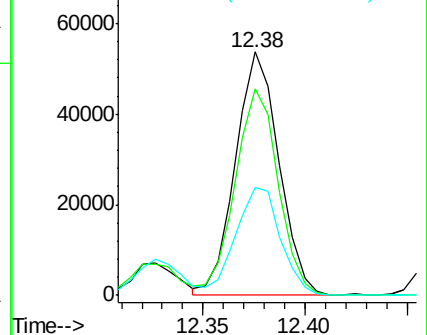
89 45.6 37.3 55.9



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: 51.976 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003368.D

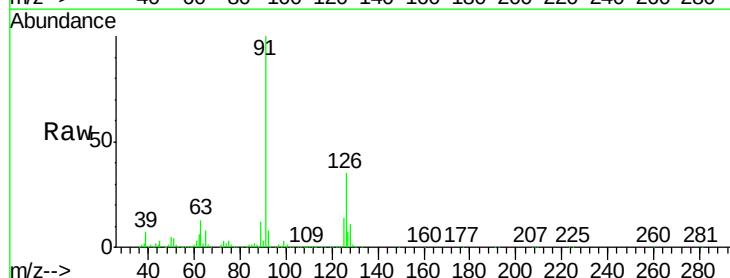
Acq: 27 Jul 2020 20:15

Tgt Ion: 91 Resp: 708961

Ion Ratio Lower Upper

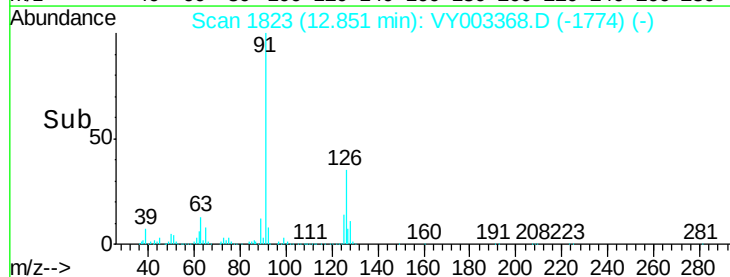
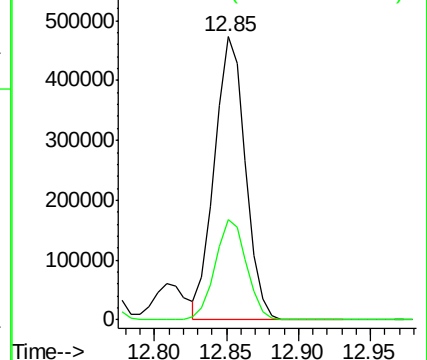
91 100

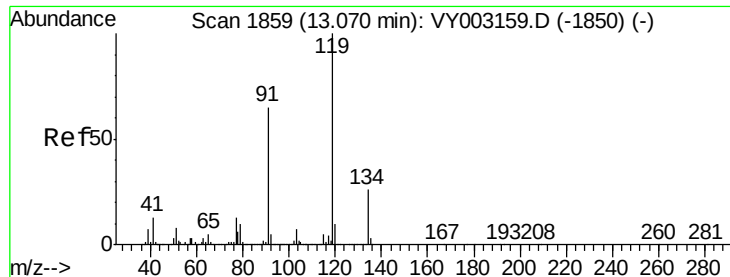
126 35.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.002 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

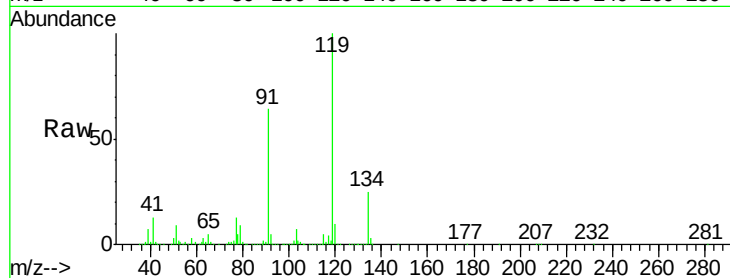
Tot Ion:119 Resp: 745293

Ion Ratio Lower Upper

119 100

91 62.9 30.8 92.4

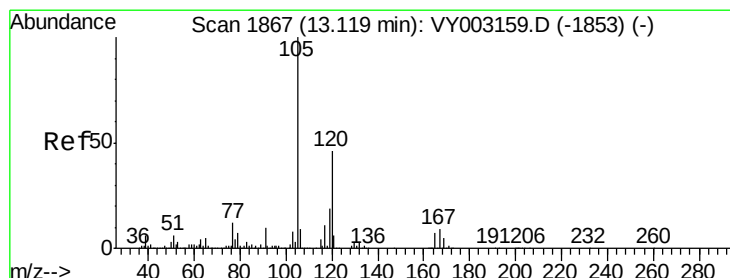
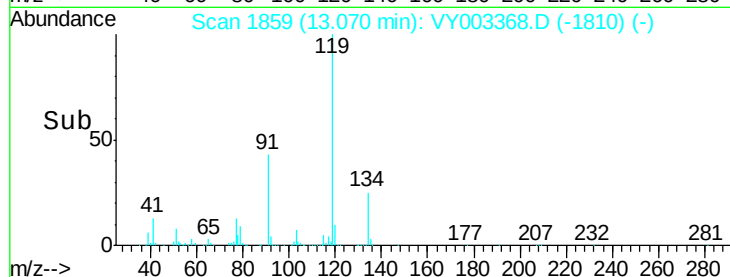
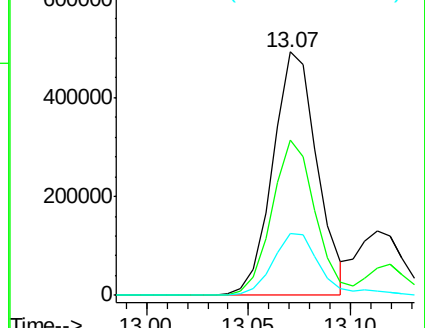
134 27.3 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.223 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003368.D

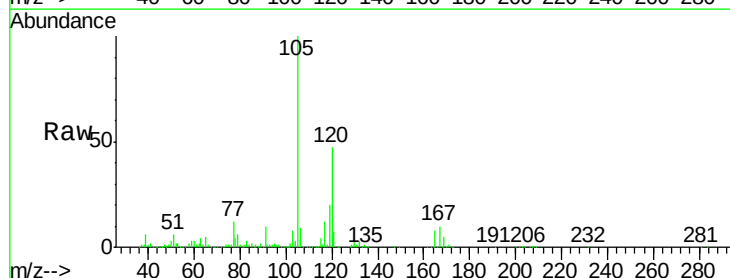
Acq: 27 Jul 2020 20:15

Tgt Ion:105 Resp: 870220

Ion Ratio Lower Upper

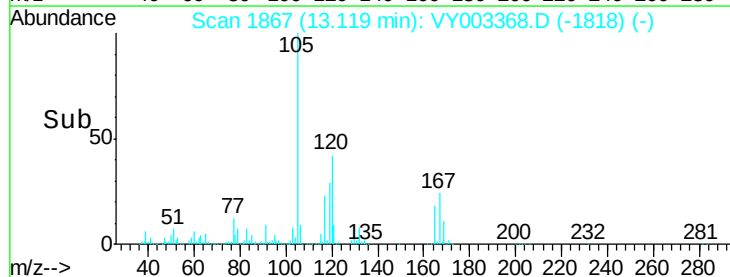
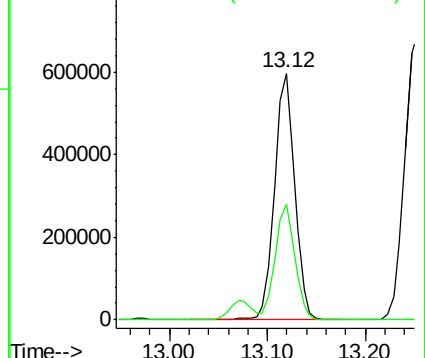
105 100

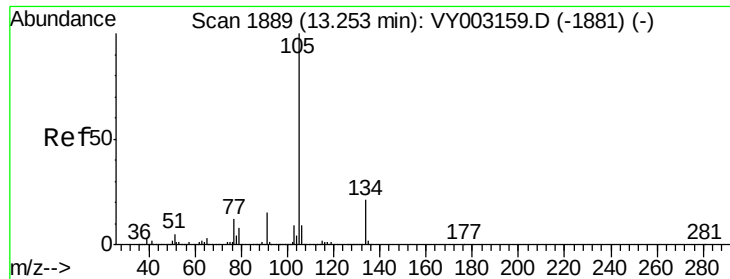
120 46.1 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.560 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

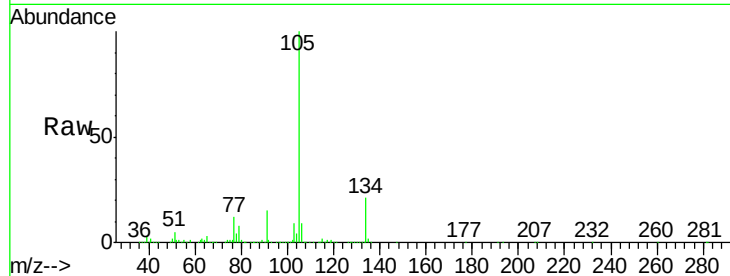
VSTDCCC050EC

Tot Ion:105 Resp: 1035575

Ion Ratio Lower Upper

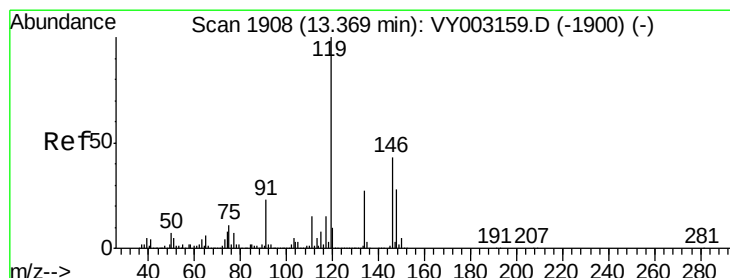
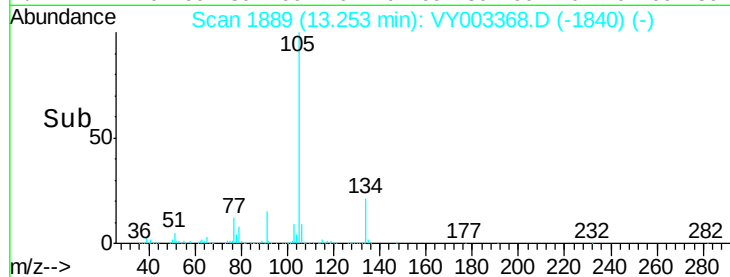
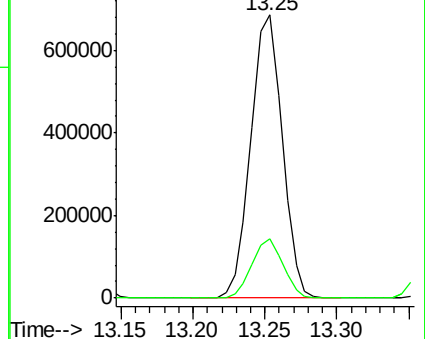
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.669 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

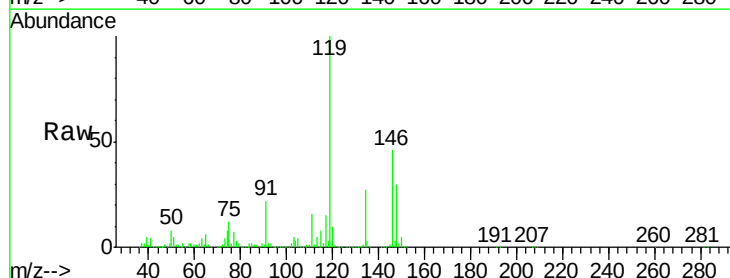
Tgt Ion:119 Resp: 950218

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

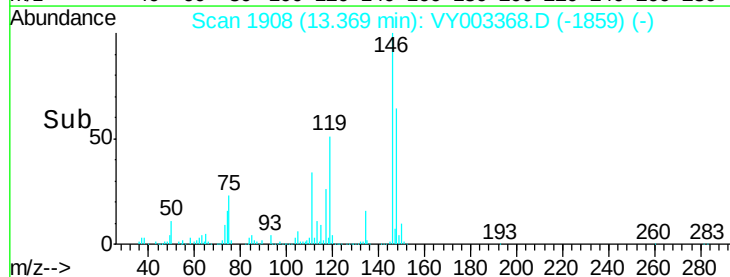
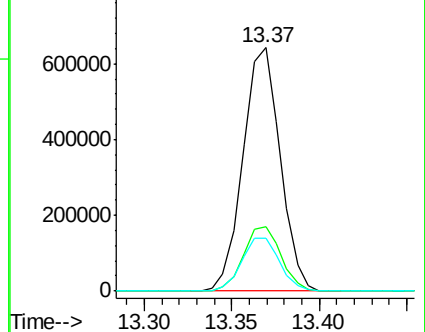
91 22.4 11.2 33.6

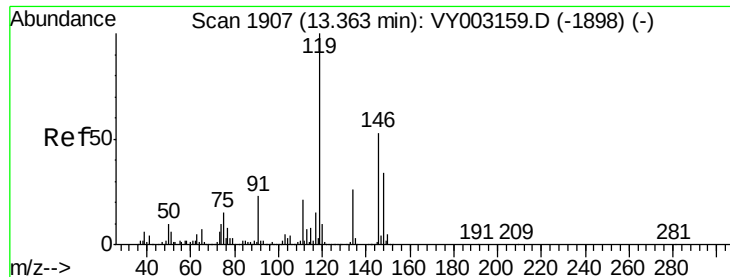


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 52.480 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

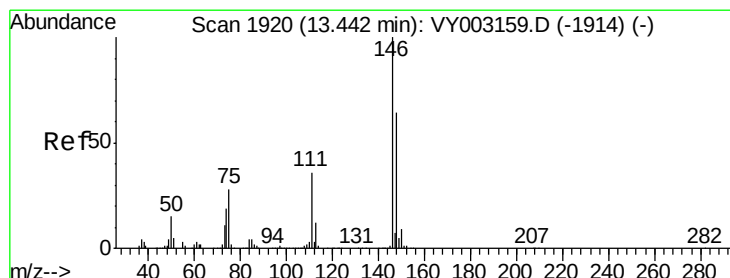
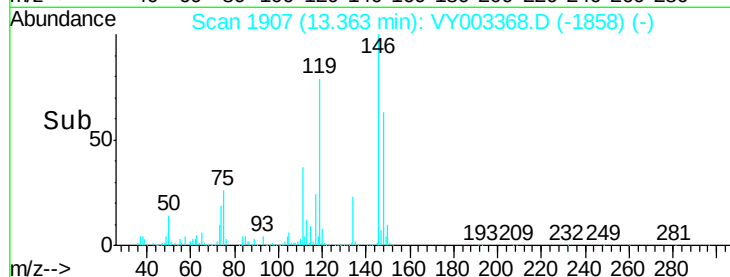
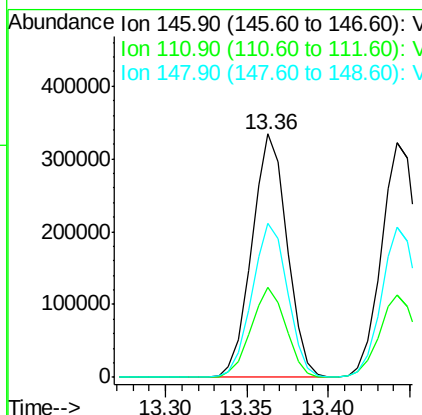
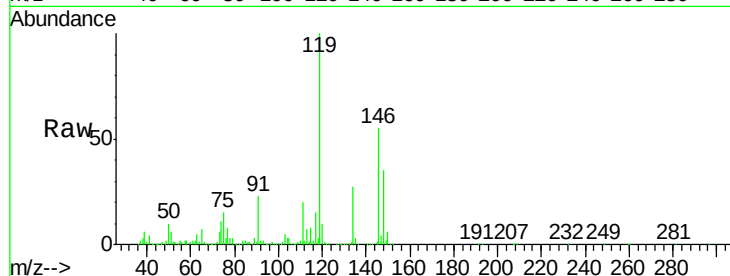
Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	63.8	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 52.481 ug/l

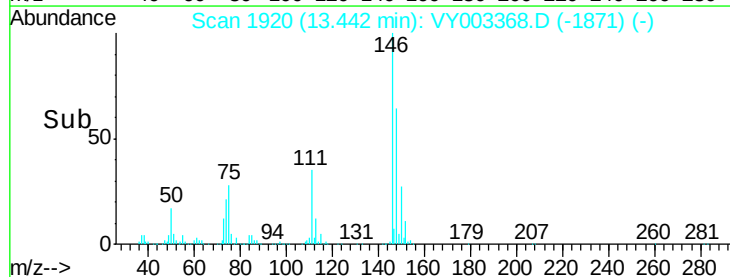
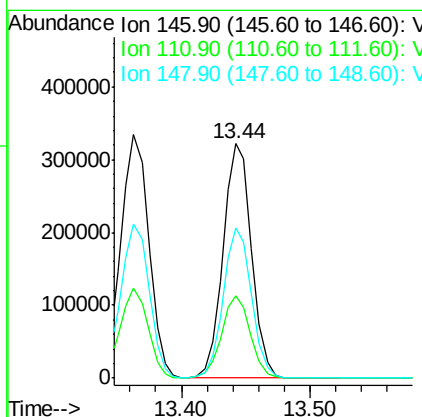
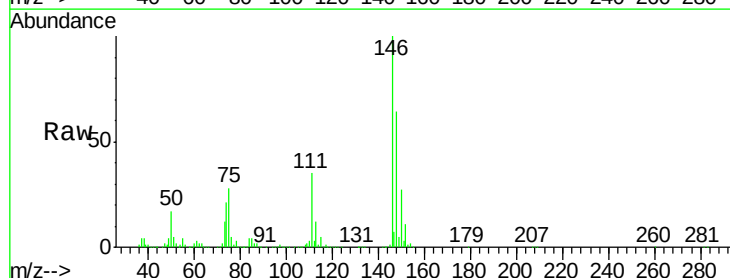
RT: 13.44 min Scan# 1920

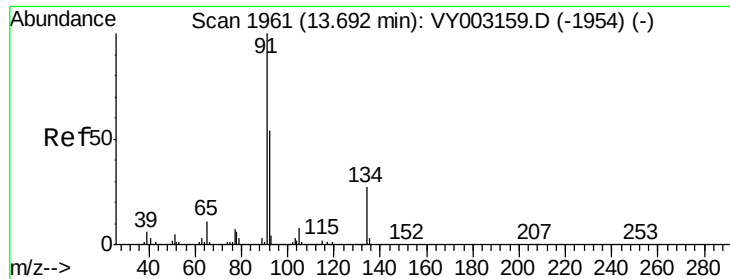
Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.4	55.0
148	63.6	32.0	96.0

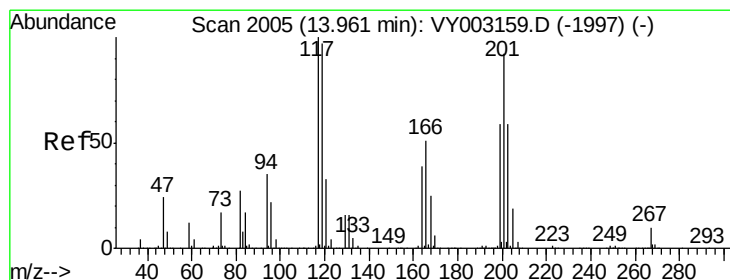
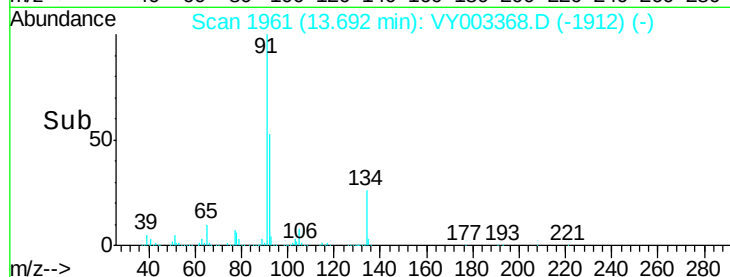
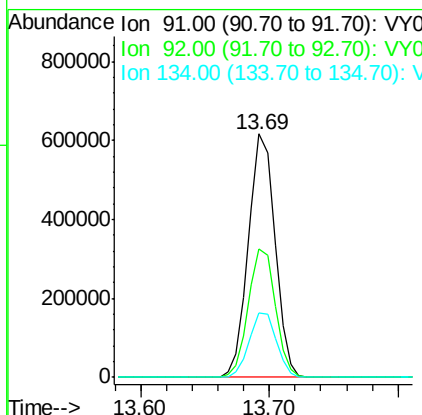
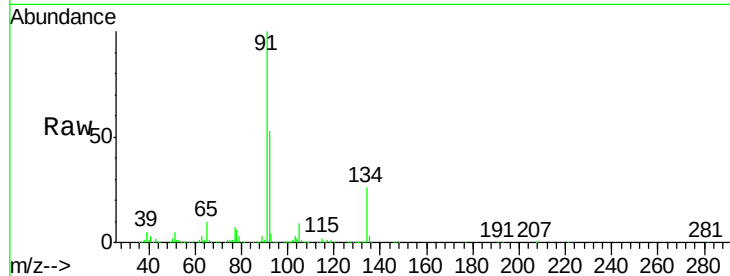




#89
n-Butylbenzene
Concen: 49.733 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

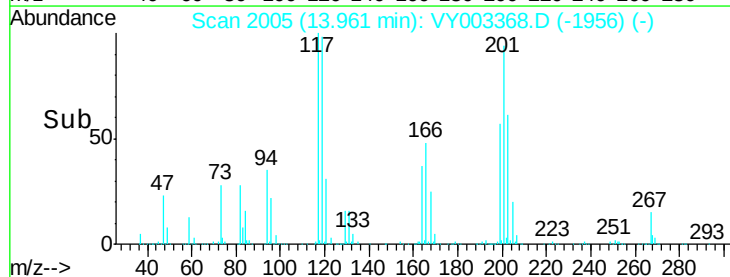
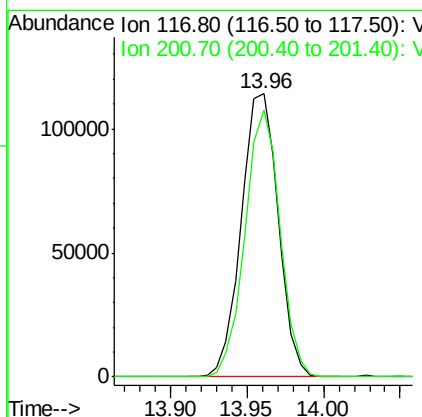
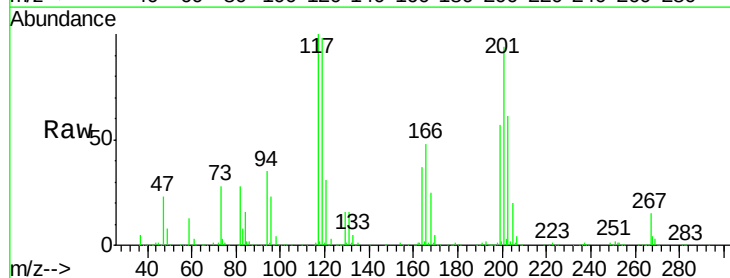
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

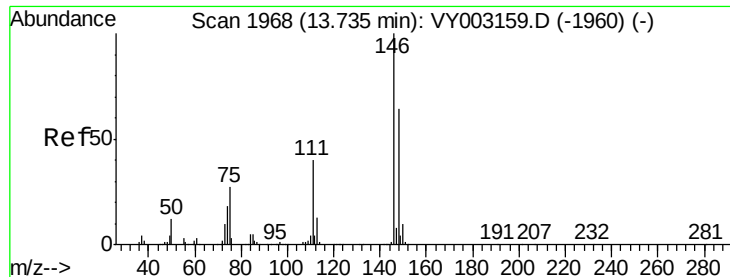
Tot Ion: 91 Resp: 877281
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 56.064 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003368.D
Acq: 27 Jul 2020 20:15

Tgt Ion: 117 Resp: 191470
Ion Ratio Lower Upper
117 100
201 89.5 45.1 135.3

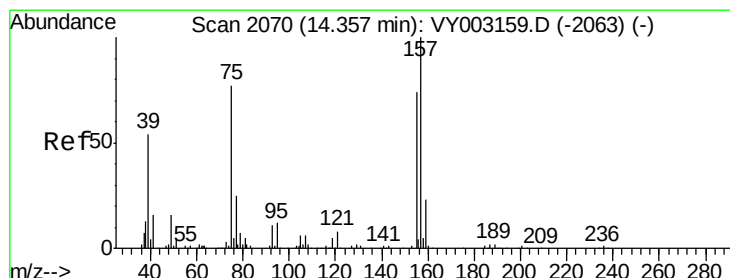
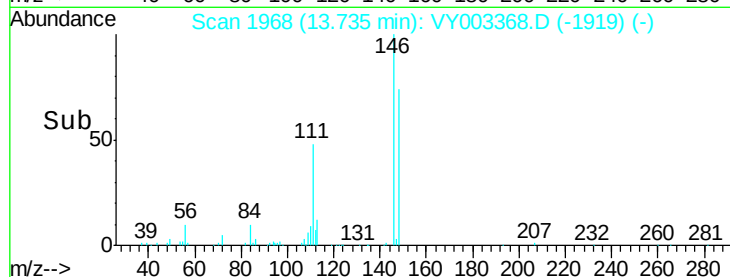
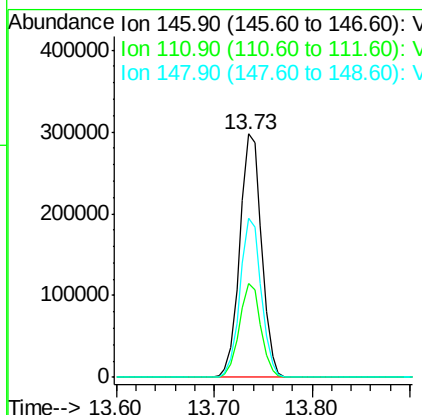
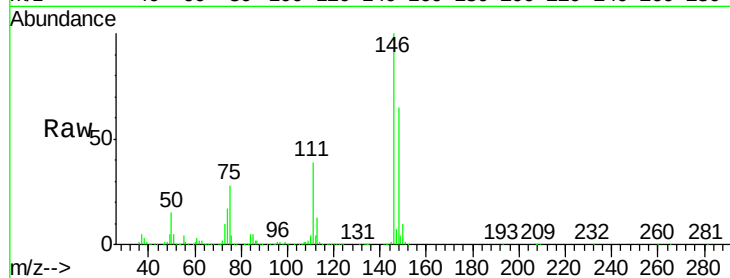




#91
 1,2-Dichlorobenzene
 Concen: 54.695 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

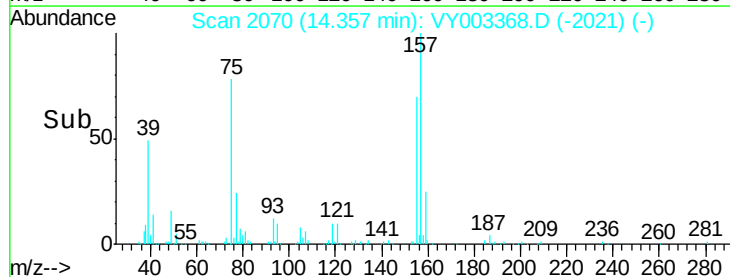
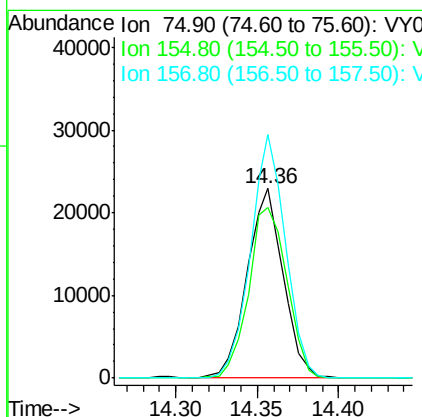
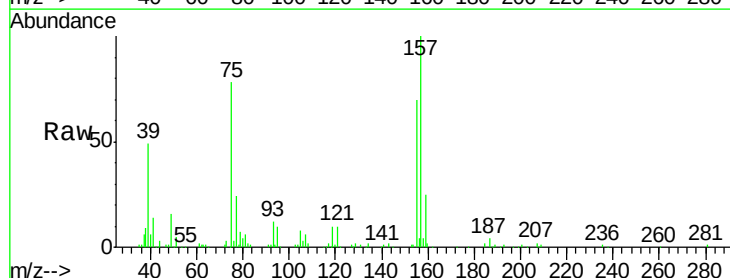
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

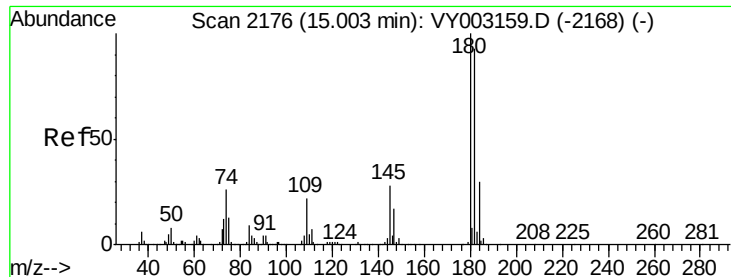
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.6	58.8
148	63.6	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.631 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.1	144.3
157	124.2	61.9	185.6

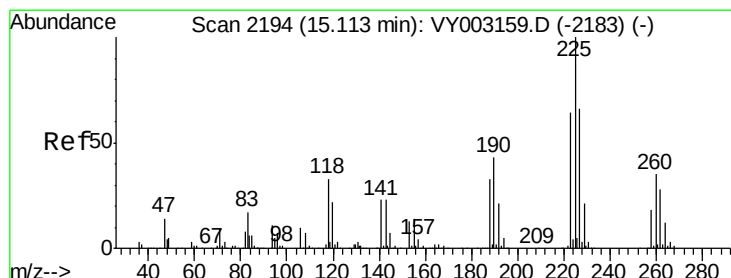
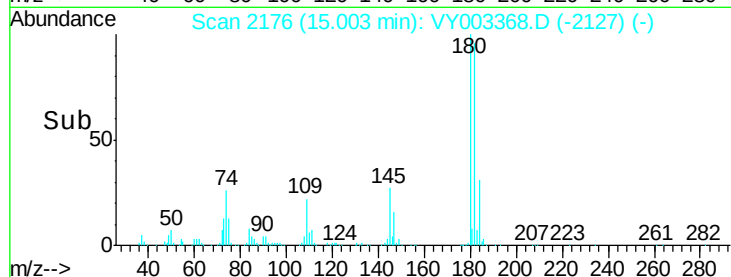
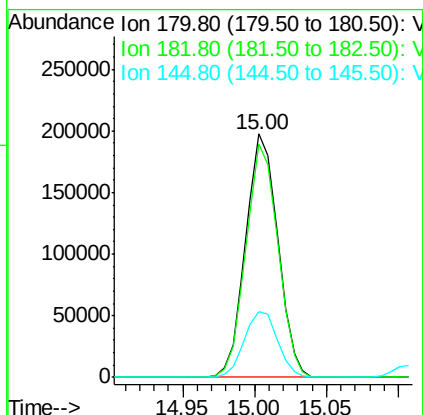
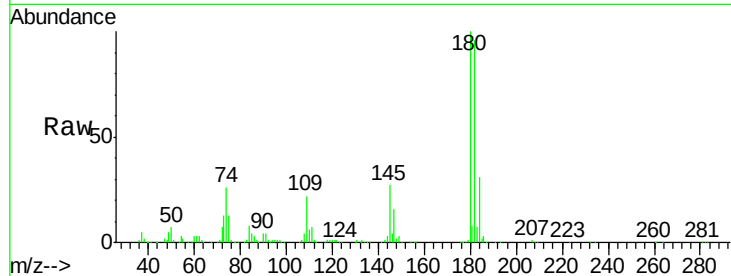




#93
 1,2,4-Trichlorobenzene
 Concen: 51.124 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

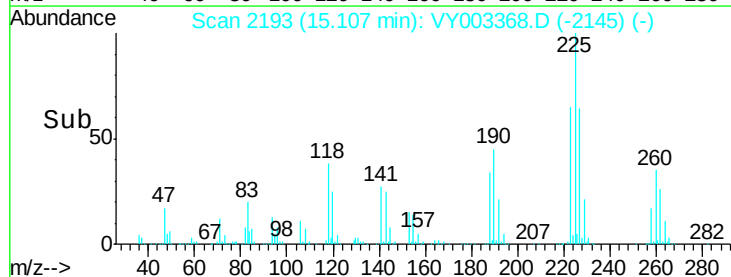
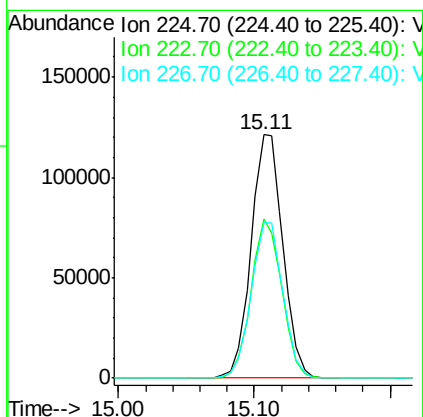
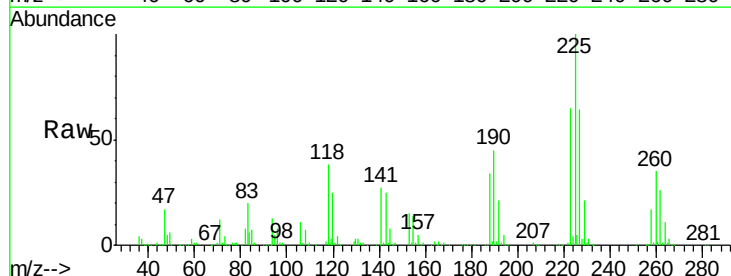
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

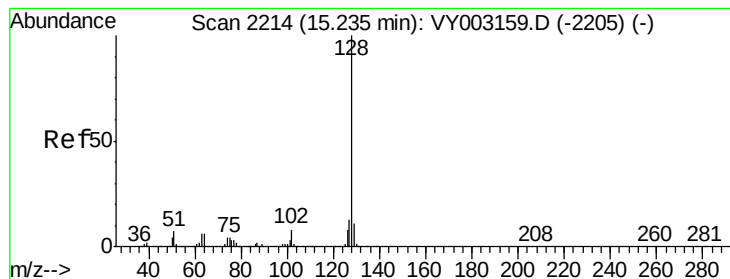
Tot Ion:180 Resp: 305712
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 28.0 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 48.373 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003368.D
 Acq: 27 Jul 2020 20:15

Tgt Ion:225 Resp: 198206
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.7
 227 63.9 32.3 96.8





#95

Naphthalene

Concen: 57.807 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

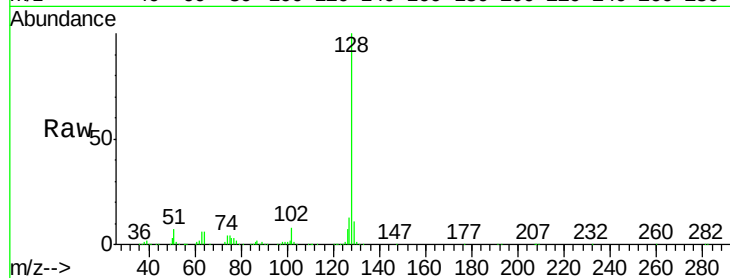
Tot Ion:128 Resp: 571285

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

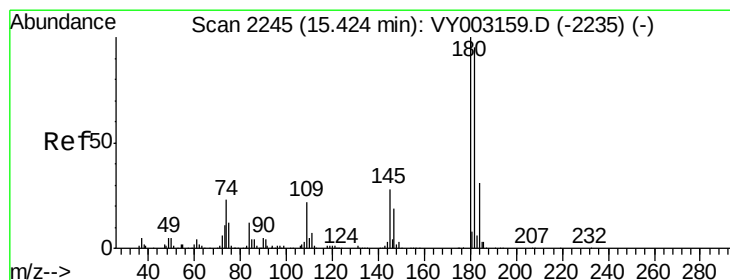
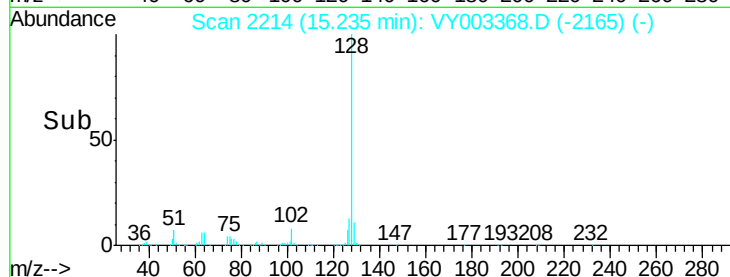
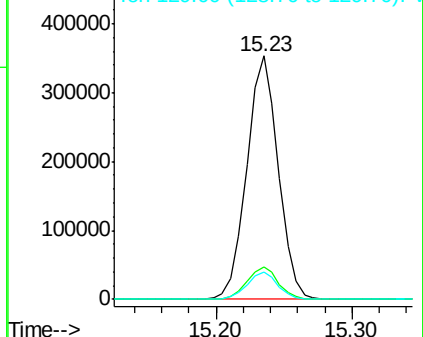
129 10.9 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.959 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003368.D

Acq: 27 Jul 2020 20:15

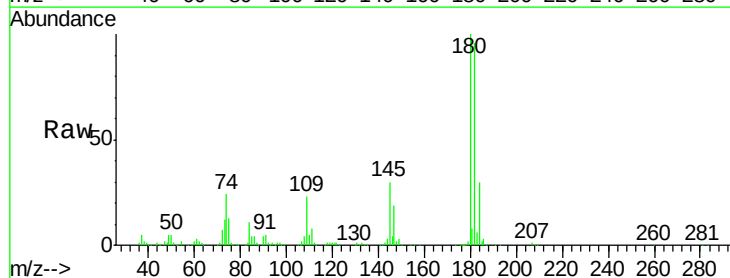
Tgt Ion:180 Resp: 255065

Ion Ratio Lower Upper

180 100

182 96.0 48.8 146.3

145 29.3 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

