

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002899.D
 Acq On : 15 Jun 2020 16:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 16 02:00:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	393436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	113826	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	7.73	113	116822	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.18	98	450327	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.48	95	161699	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	84976	45.582	ug/l	97
3) Chloromethane	2.12	50	98470	47.753	ug/l	100
4) Vinyl Chloride	2.26	62	108458	49.762	ug/l	99
5) Bromomethane	2.65	94	77236	47.288	ug/l	96
6) Chloroethane	2.80	64	67476	47.757	ug/l	93
7) Trichlorofluoromethane	3.13	101	191945	49.725	ug/l	100
8) Diethyl Ether	3.54	74	71425	47.387	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	115157	50.245	ug/l	97
10) Methyl Iodide	4.10	142	161712	50.425	ug/l	99
11) Tert butyl alcohol	4.97	59	61784	244.054	ug/l	100
12) 1,1-Dichloroethene	3.88	96	112322	48.732	ug/l	98
13) Acrolein	3.74	56	53539	194.205	ug/l	98
14) Allyl chloride	4.49	41	165240	49.986	ug/l	99
15) Acrylonitrile	5.18	53	178834	262.998	ug/l	100
16) Acetone	3.96	43	155184	281.321	ug/l	98
17) Carbon Disulfide	4.20	76	303815	43.620	ug/l	98
18) Methyl Acetate	4.49	43	74530	53.921	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	335619	52.745	ug/l	98
20) Methylene Chloride	4.72	84	133795	49.632	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	125189	48.297	ug/l	97
22) Diisopropyl ether	6.13	45	348214	50.690	ug/l	94
23) Vinyl Acetate	6.07	43	1189845	262.344	ug/l	99
24) 1,1-Dichloroethane	6.03	63	205197	51.063	ug/l	99
25) 2-Butanone	7.00	43	225304	262.154	ug/l	98
26) 2,2-Dichloropropane	6.99	77	195591	50.750	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	146944	50.640	ug/l	98
28) Bromochloromethane	7.34	49	79626	48.268	ug/l	99
29) Tetrahydrofuran	7.36	42	142852	255.536	ug/l	98
30) Chloroform	7.52	83	223376	52.384	ug/l	98
31) Cyclohexane	7.79	56	179571	45.007	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	204265	51.405	ug/l	99
36) 1,1-Dichloropropene	7.92	75	165106	49.818	ug/l	99
37) Ethyl Acetate	7.08	43	96612	53.579	ug/l	99
38) Carbon Tetrachloride	7.91	117	193632	52.592	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	212787	48.710	ug/l	99
40) Benzene	8.17	78	502277	51.290	ug/l	98
41) Methacrylonitrile	7.35	41	133276	137.580	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	144734	52.737	ug/l	100
43) Isopropyl Acetate	8.28	43	181094	52.997	ug/l	99
44) Trichloroethene	8.94	130	156350	50.545	ug/l	98
45) 1,2-Dichloropropane	9.22	63	120931	51.495	ug/l	100
46) Dibromomethane	9.31	93	72511	51.990	ug/l	98
47) Bromodichloromethane	9.50	83	177500	53.985	ug/l	99
48) Methyl methacrylate	9.30	41	83027	53.824	ug/l	99
49) 1,4-Dioxane	9.31	88	21493	1003.637	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	494142	273.096	ug/l	100
52) Toluene	10.25	92	329978	51.509	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	194256	54.091	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	215097	52.858	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	113881	53.334	ug/l	95
56) Ethyl methacrylate	10.51	69	155552	54.390	ug/l	98
57) 1,3-Dichloropropane	10.79	76	187469	53.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	366280	262.106	ug/l	99
59) 2-Hexanone	10.83	43	353127	275.060	ug/l	99
60) Dibromochloromethane	10.99	129	146984	54.296	ug/l	99
61) 1,2-Dibromoethane	11.09	107	111859	53.107	ug/l	100
64) Tetrachloroethene	10.72	164	163595	48.829	ug/l	98
65) Chlorobenzene	11.52	112	379123	52.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	147295	53.677	ug/l	100
67) Ethyl Benzene	11.59	91	653720	51.754	ug/l	99
68) m/p-Xylenes	11.70	106	511135	104.369	ug/l	99
69) o-Xylene	12.03	106	244084	52.794	ug/l	100
70) Styrene	12.05	104	426099	53.165	ug/l	100
71) Bromoform	12.21	173	101435	55.243	ug/l #	99
73) Isopropylbenzene	12.33	105	665739	50.801	ug/l	99
74) N-amyl acetate	12.14	43	174684	51.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125283	54.487	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	181185	98.330	ug/l #	100
77) Bromobenzene	12.61	156	172649	50.596	ug/l	99
78) n-propylbenzene	12.67	91	770517	50.901	ug/l	100
79) 2-Chlorotoluene	12.75	91	428475	50.460	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	562327	51.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51931	53.097	ug/l	97
82) 4-Chlorotoluene	12.86	91	452801	50.896	ug/l	99
83) tert-Butylbenzene	13.08	119	505125	51.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	566301	51.472	ug/l	100
85) sec-Butylbenzene	13.25	105	684820	51.315	ug/l	100
86) p-Isopropyltoluene	13.37	119	650108	52.353	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	330383	51.115	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	330956	51.186	ug/l	99
89) n-Butylbenzene	13.70	91	577638	51.236	ug/l	99
90) Hexachloroethane	13.96	117	121412	52.226	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	305332	52.088	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24170	54.638	ug/l	97

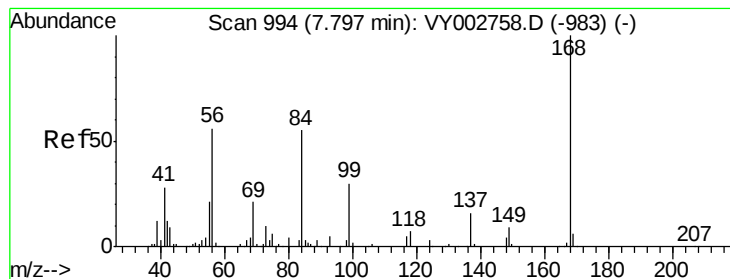
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	229986	52.053	ug/l	99
94) Hexachlorobutadiene	15.11	225	130916	52.241	ug/l	100
95) Naphthalene	15.23	128	470362	53.095	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	206086	52.233	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

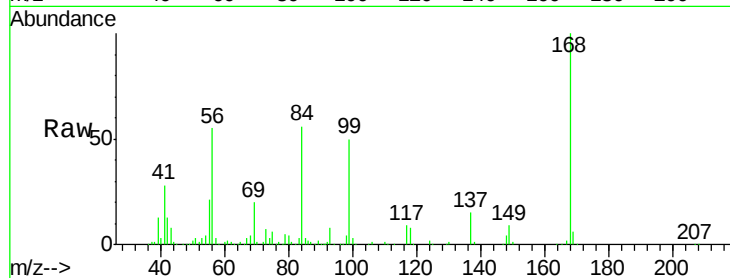
VSTDCCC050EC

Tot Ion:168 Resp: 270936

Ion Ratio Lower Upper

168 100

99 49.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

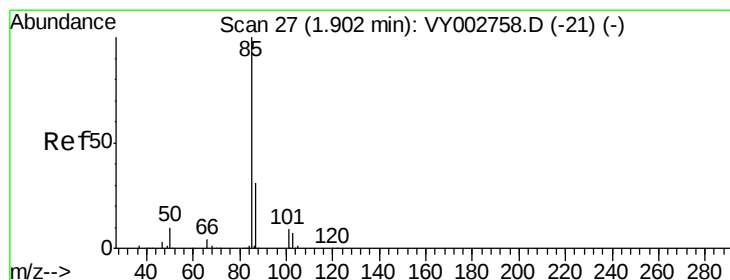
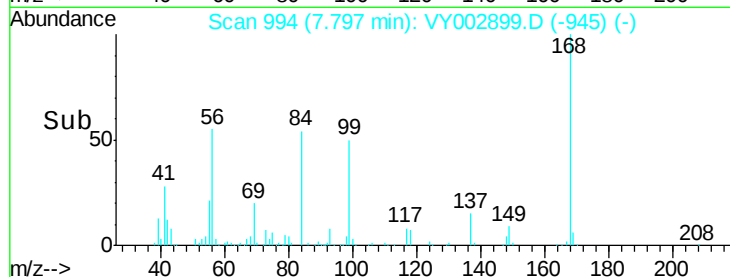
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.582 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002899.D

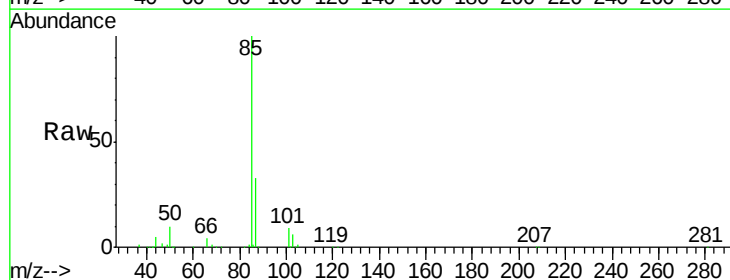
Acq: 15 Jun 2020 16:31

Tgt Ion: 85 Resp: 84976

Ion Ratio Lower Upper

85 100

87 32.9 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

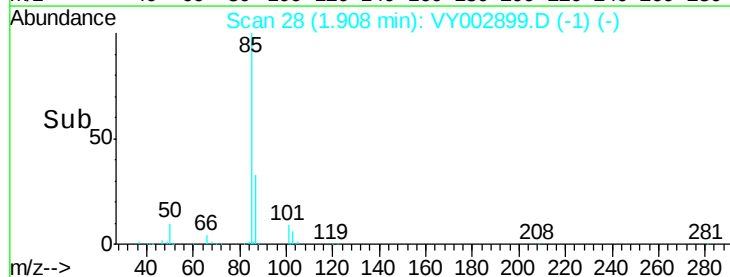
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.753 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

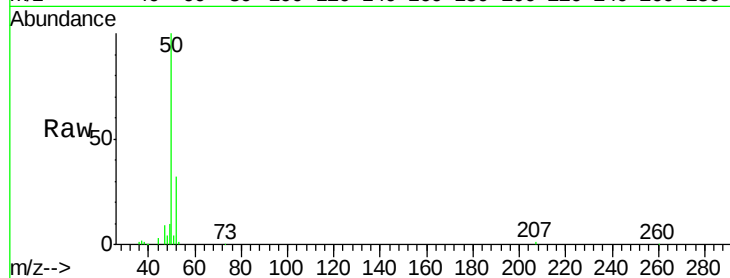
VSTDCCC050EC

Tot Ion: 50 Resp: 98470

Ion Ratio Lower Upper

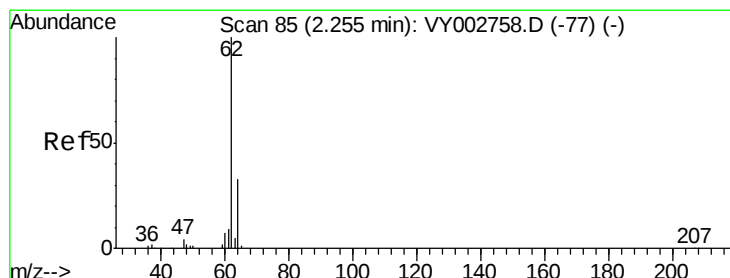
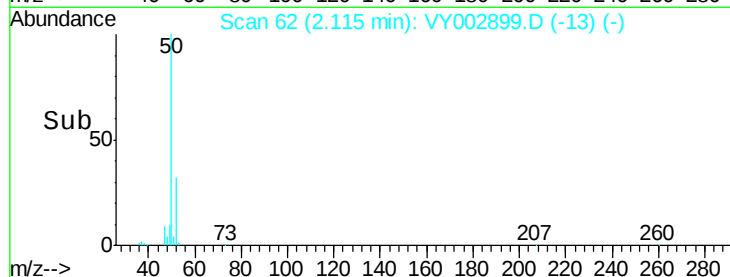
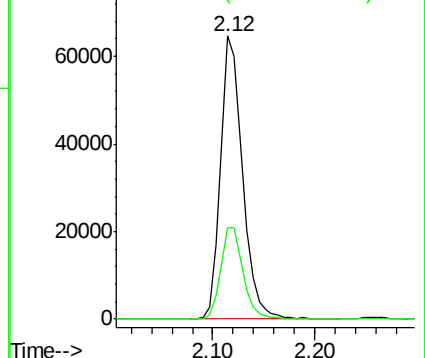
50 100

52 32.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.762 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002899.D

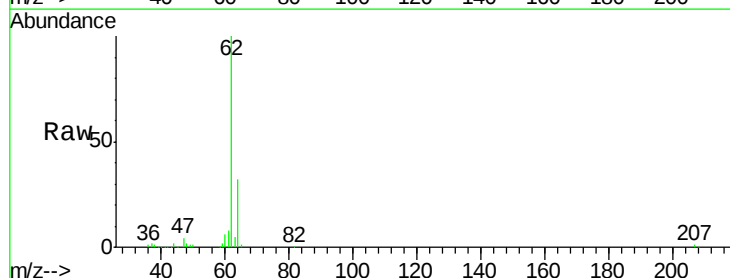
Acq: 15 Jun 2020 16:31

Tgt Ion: 62 Resp: 108458

Ion Ratio Lower Upper

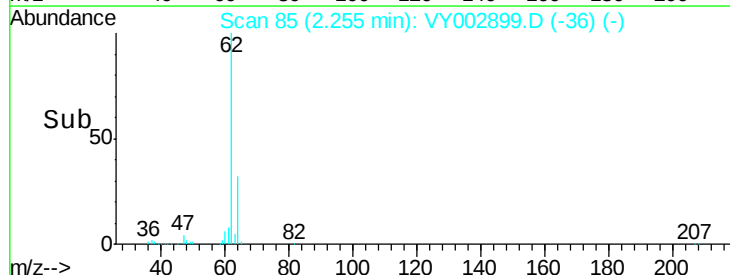
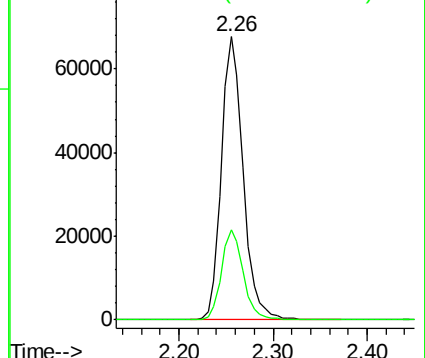
62 100

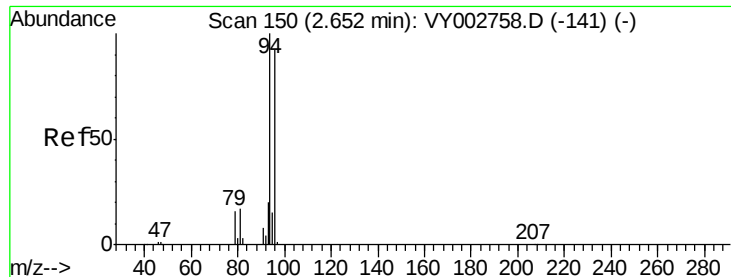
64 31.9 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.288 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

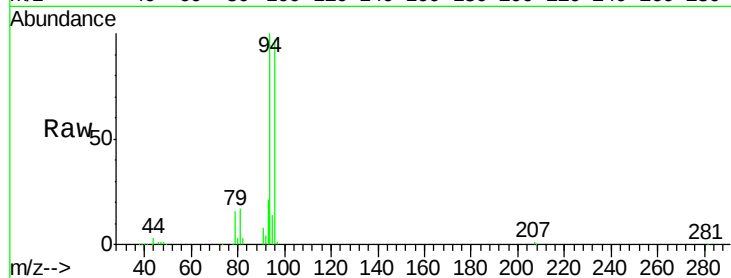
VSTDCCC050EC

Tot Ion: 94 Resp: 77236

Ion Ratio Lower Upper

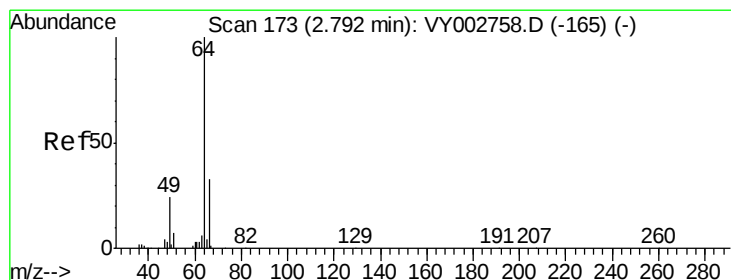
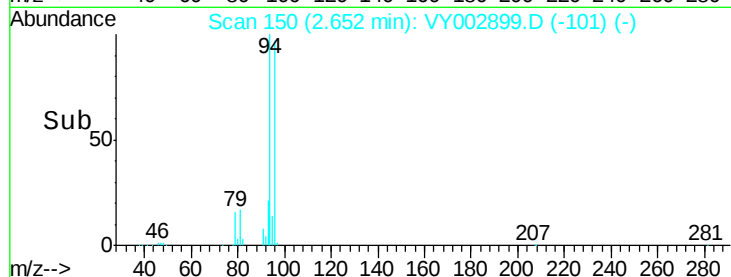
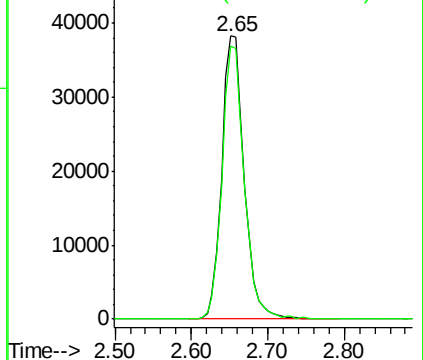
94 100

96 96.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.757 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002899.D

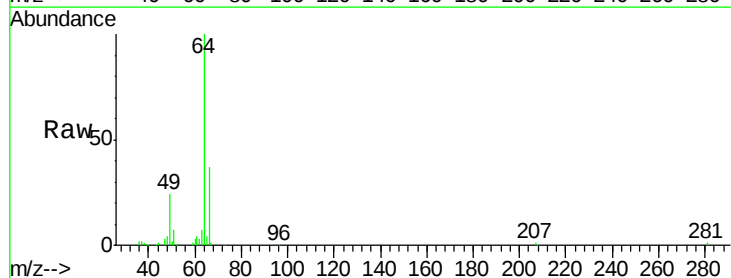
Acq: 15 Jun 2020 16:31

Tgt Ion: 64 Resp: 67476

Ion Ratio Lower Upper

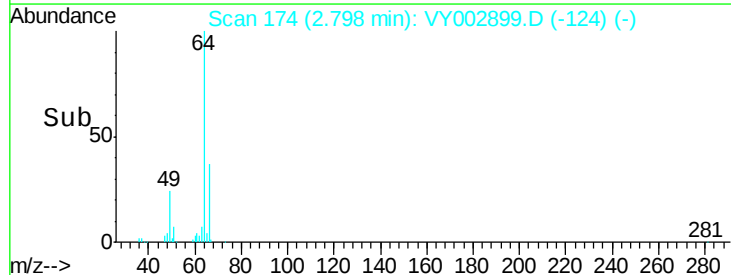
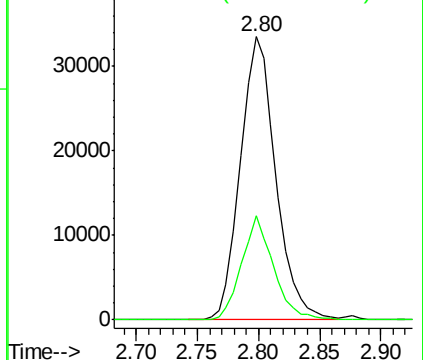
64 100

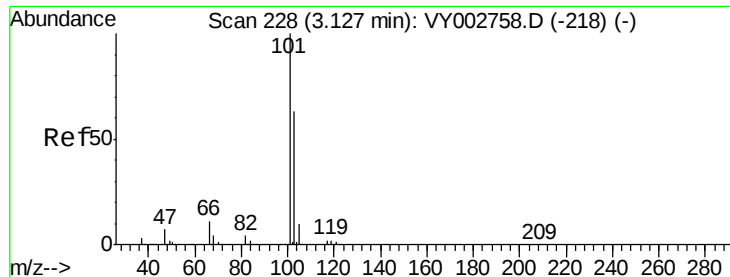
66 36.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



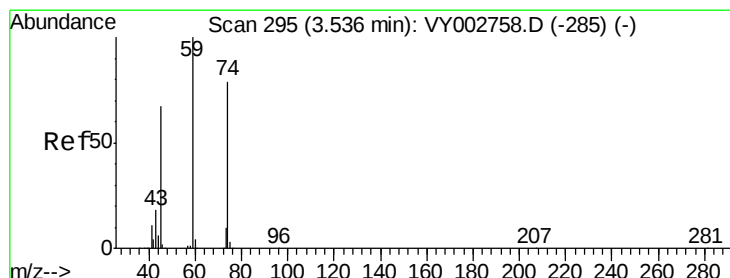
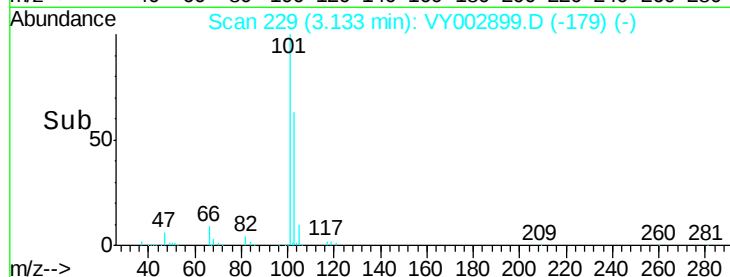
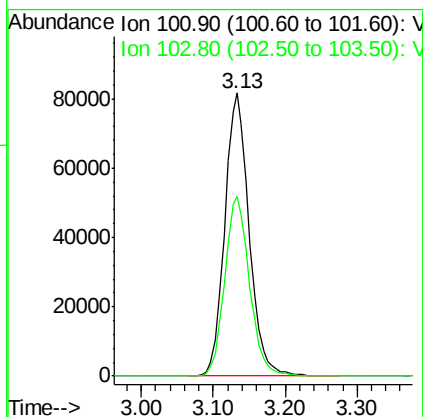
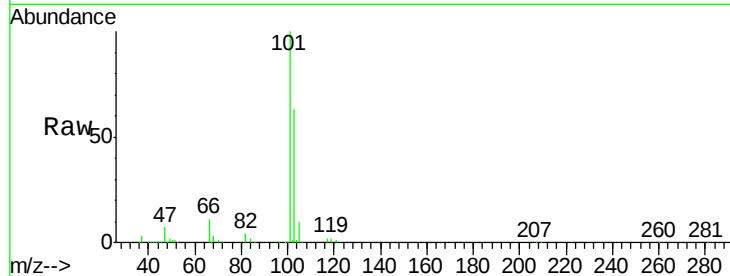


#7

Trichlorofluoromethane
 Concen: 49.725 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Instrument :
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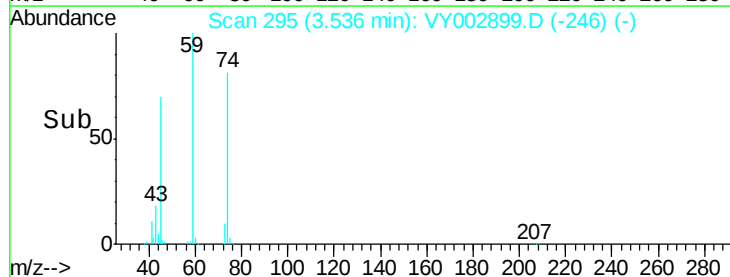
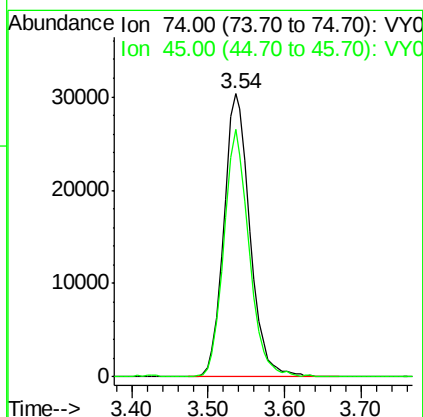
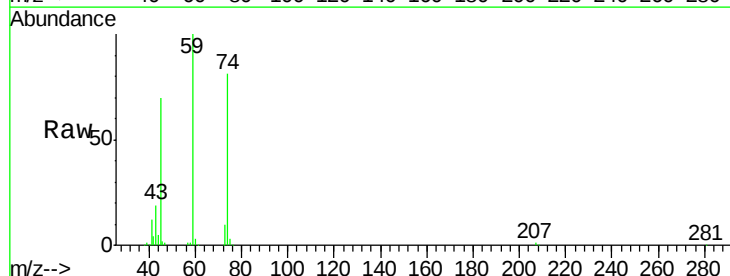
Tot Ion:101 Resp: 191945
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0

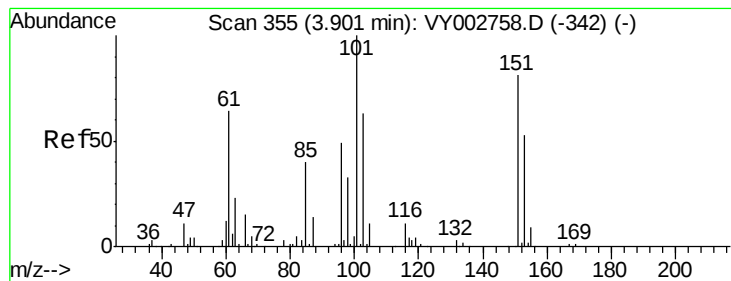


#8

Diethyl Ether
 Concen: 47.387 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion: 74 Resp: 71425
 Ion Ratio Lower Upper
 74 100
 45 84.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.245 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

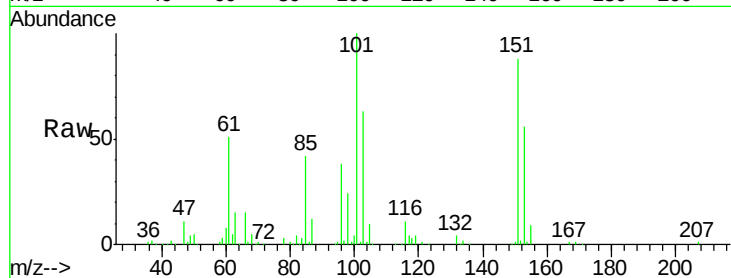
Tot Ion:101 Resp: 115157

Ion Ratio Lower Upper

101 100

85 42.5 32.7 49.1

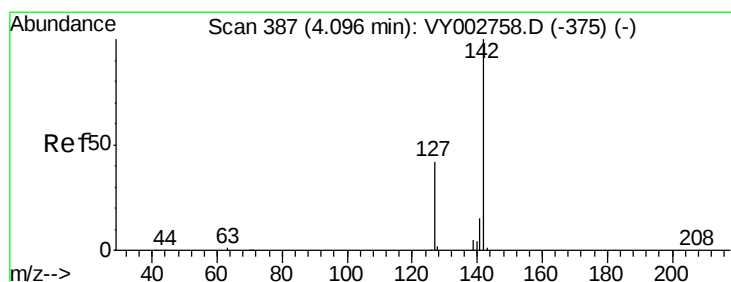
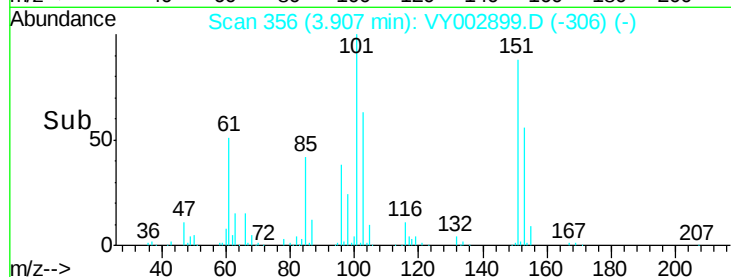
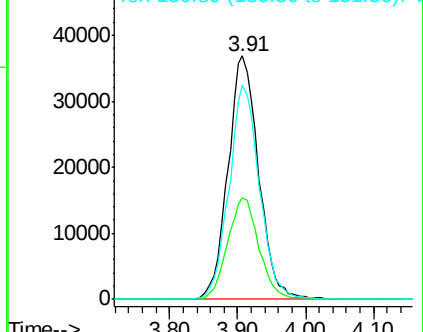
151 87.8 68.0 102.0



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: 50.425 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

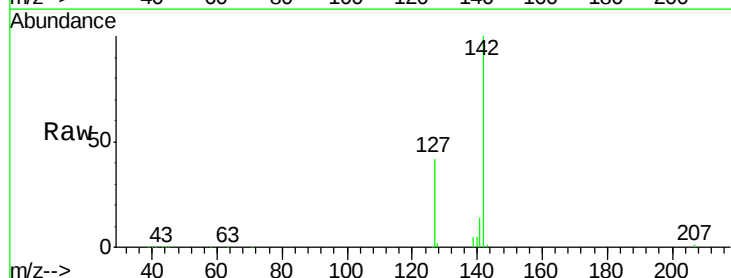
Tgt Ion:142 Resp: 161712

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

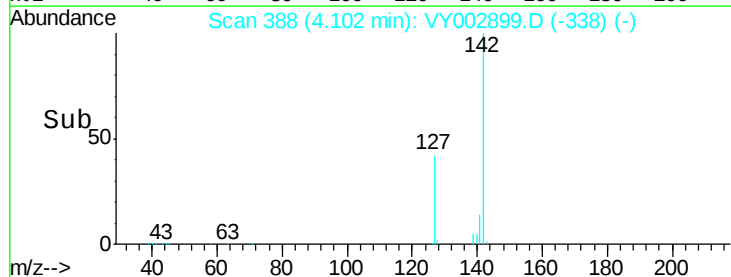
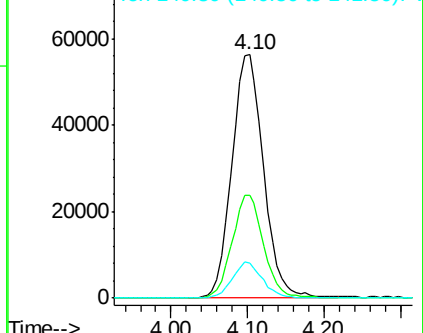
141 14.0 11.5 17.3



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



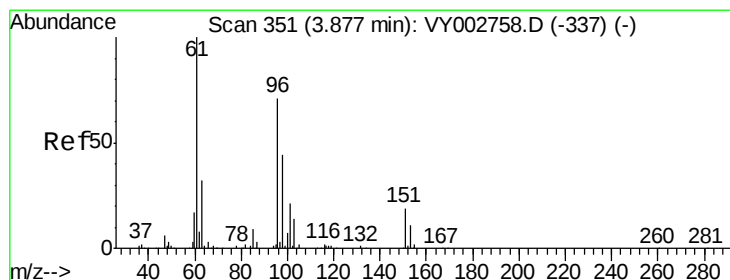
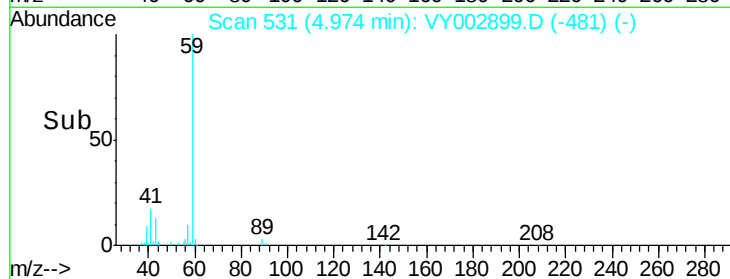
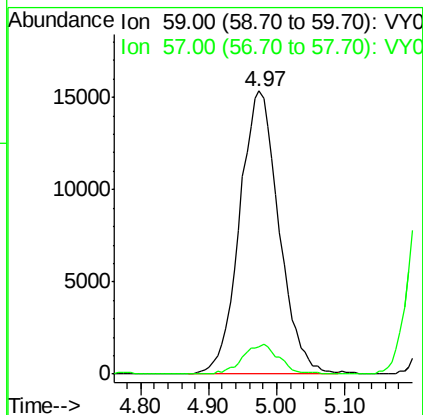
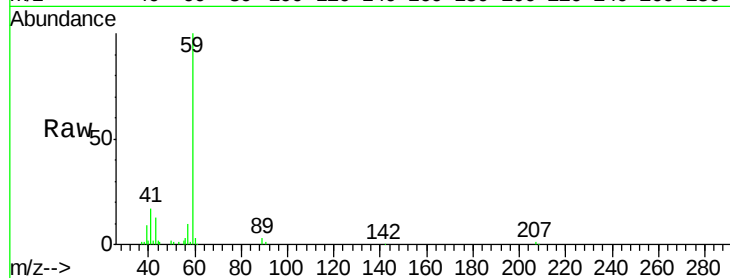


#11

Tert butyl alcohol
 Concen: 244.054 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

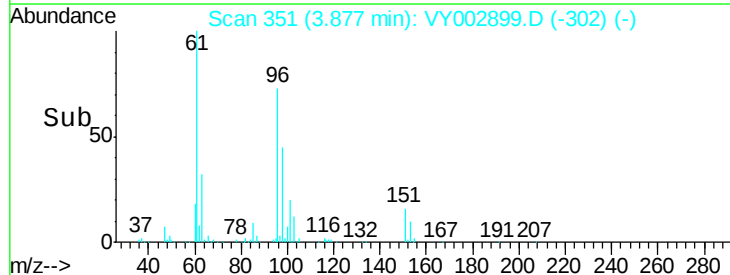
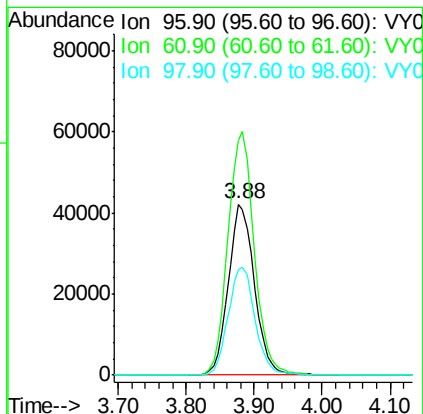
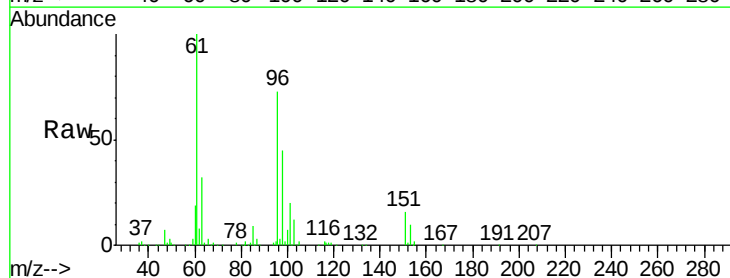
Tot Ion: 59 Resp: 61784
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5

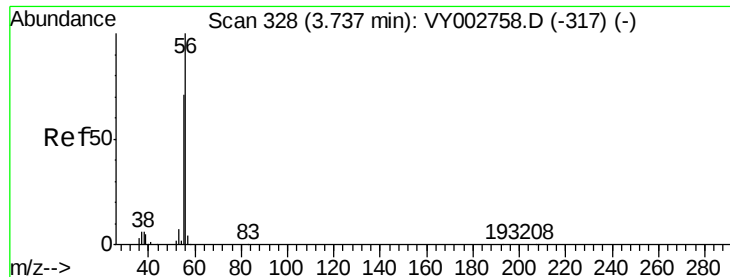


#12

1,1-Dichloroethene
 Concen: 48.732 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion: 96 Resp: 112322
 Ion Ratio Lower Upper
 96 100
 61 137.1 112.6 168.8
 98 61.3 50.0 75.0





#13

Acrolein

Concen: 194.205 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

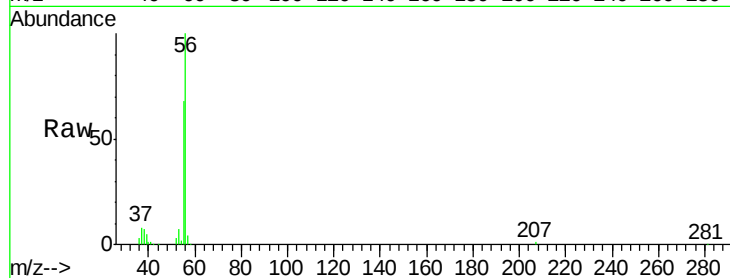
VSTDCCC050EC

Tot Ion: 56 Resp: 53539

Ion Ratio Lower Upper

56 100

55 68.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

25000

20000

15000

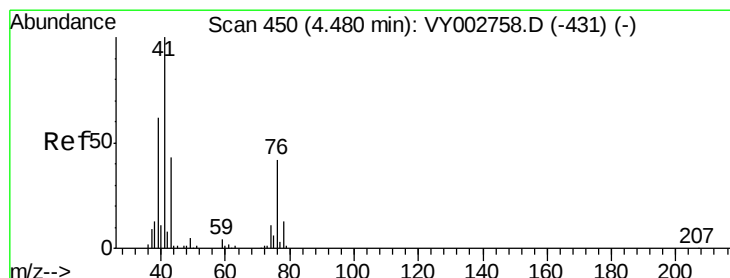
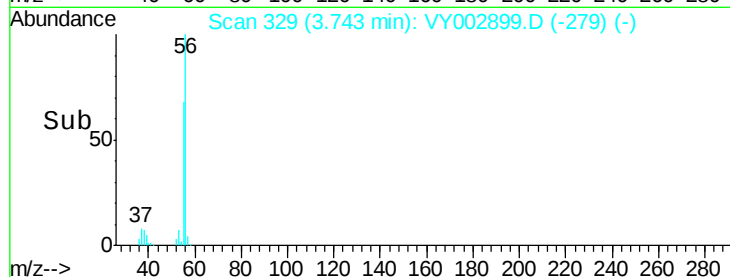
10000

5000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 49.986 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

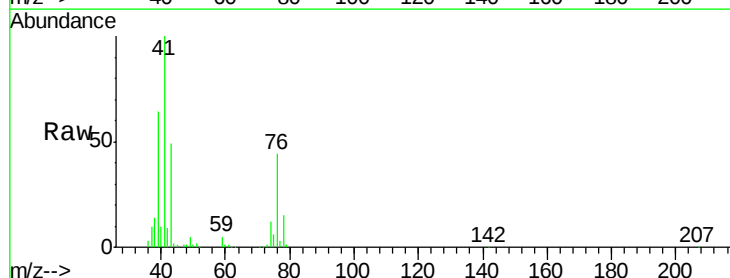
Tgt Ion: 41 Resp: 165240

Ion Ratio Lower Upper

41 100

39 62.7 49.9 74.9

76 42.1 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

100000

80000

60000

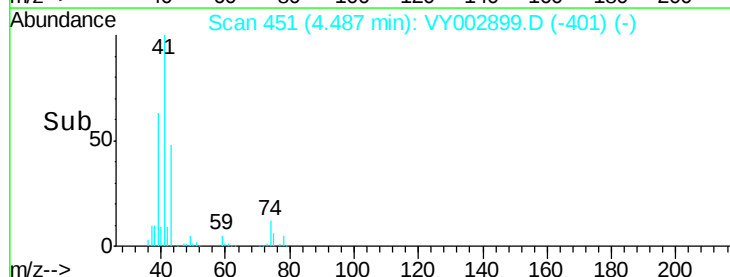
40000

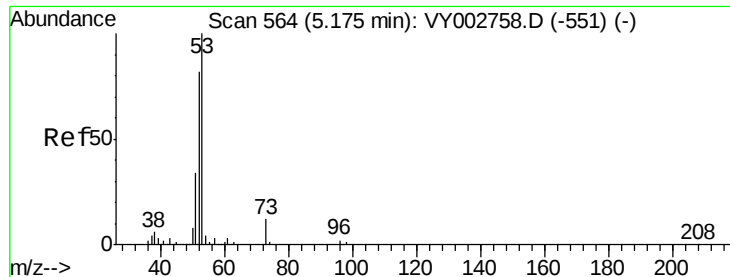
20000

0

Time-->

4.40 4.60





#15

Acrylonitrile

Concen: 262.998 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

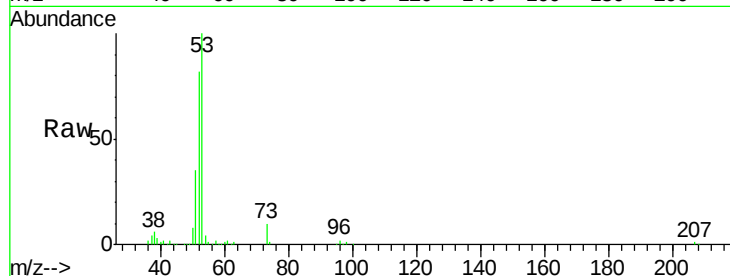
Tot Ion: 53 Resp: 178834

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

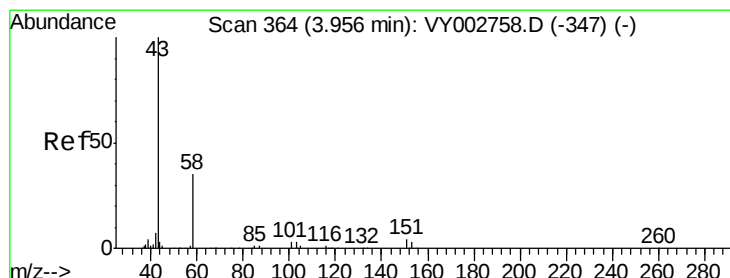
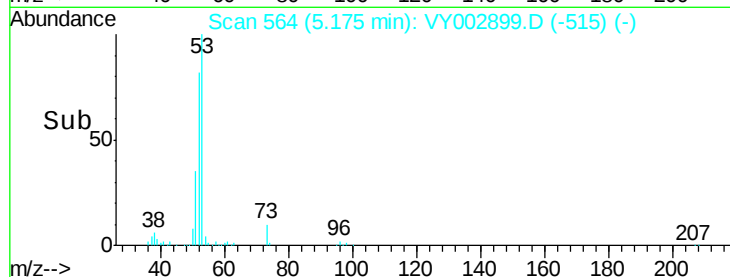
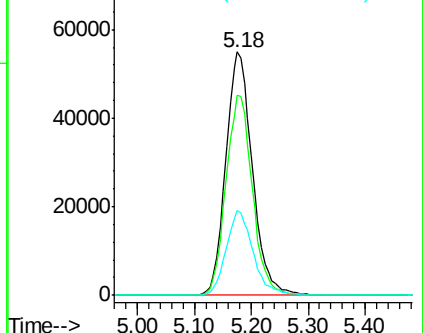
51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002899.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002899.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002899.D (-515) (-)



#16

Acetone

Concen: 281.321 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002899.D

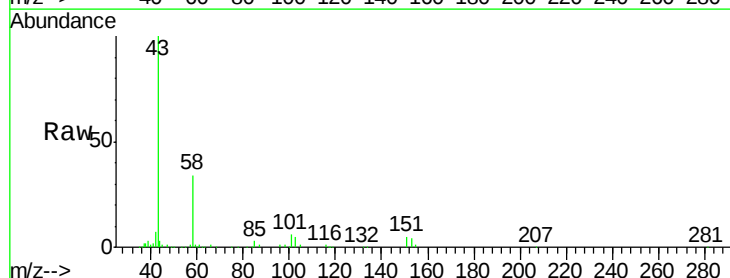
Acq: 15 Jun 2020 16:31

Tgt Ion: 43 Resp: 155184

Ion Ratio Lower Upper

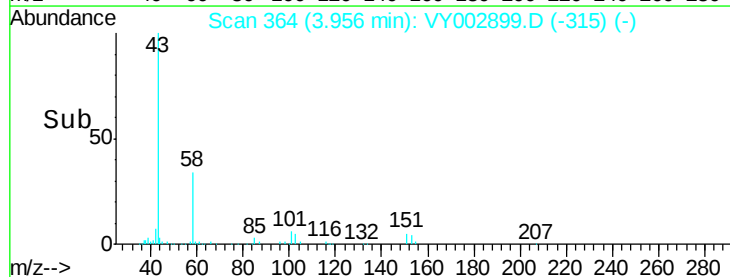
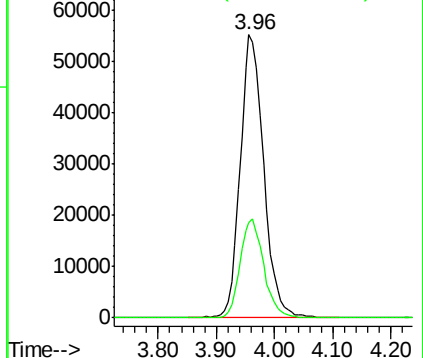
43 100

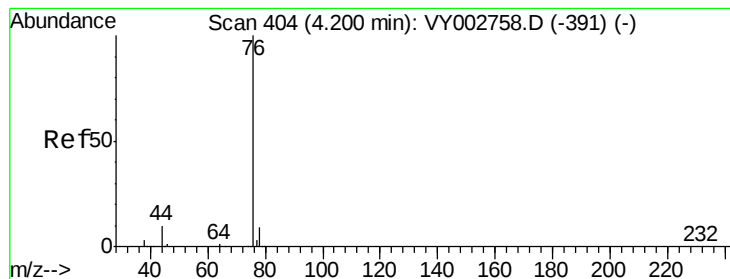
58 33.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002899.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002899.D (-315) (-)





#17

Carbon Disulfide

Concen: 43.620 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

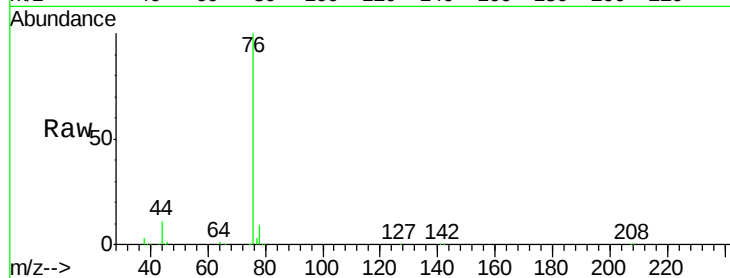
VSTDCCC050EC

Tot Ion: 76 Resp: 303815

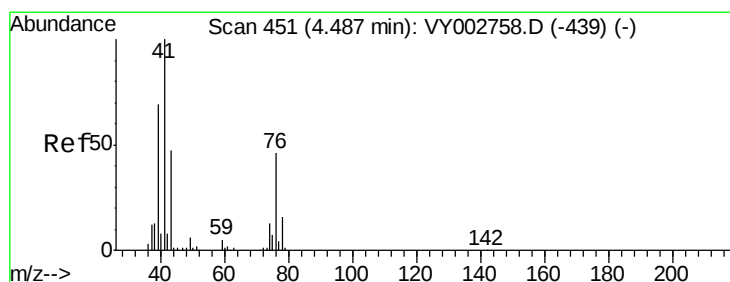
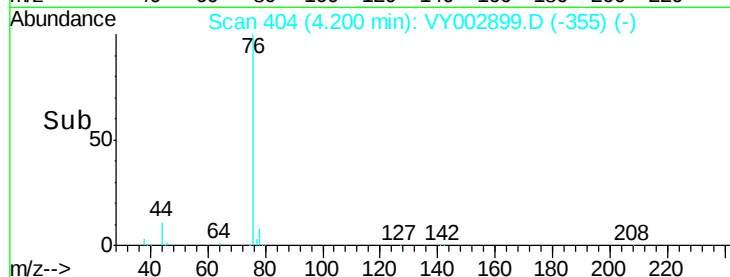
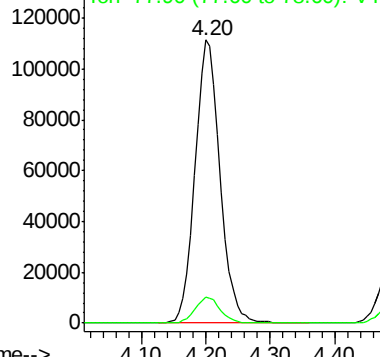
Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 53.921 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002899.D

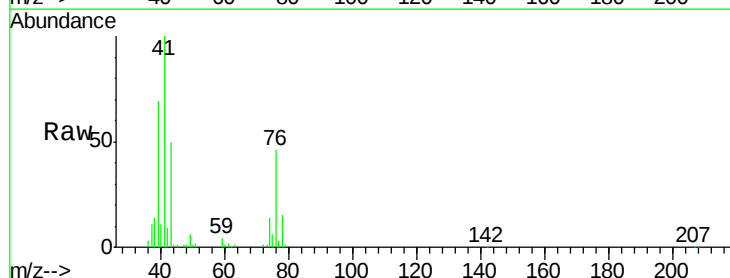
Acq: 15 Jun 2020 16:31

Tgt Ion: 43 Resp: 74530

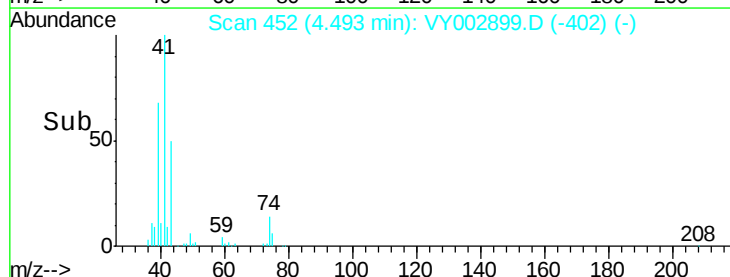
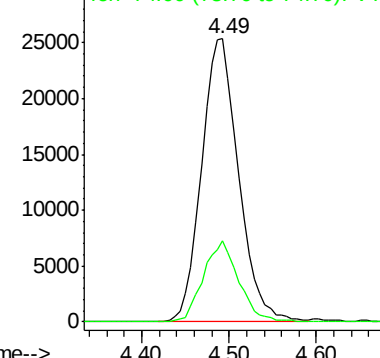
Ion Ratio Lower Upper

43 100

74 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

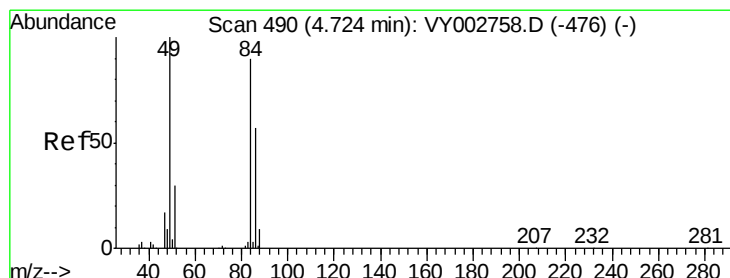
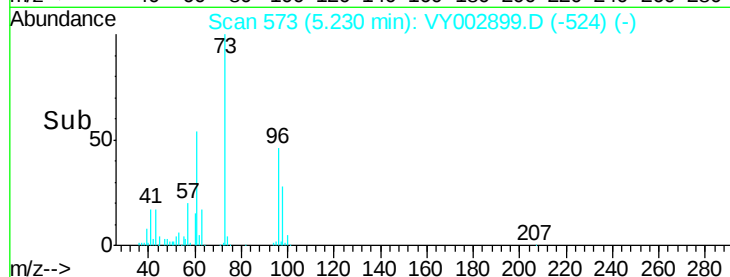
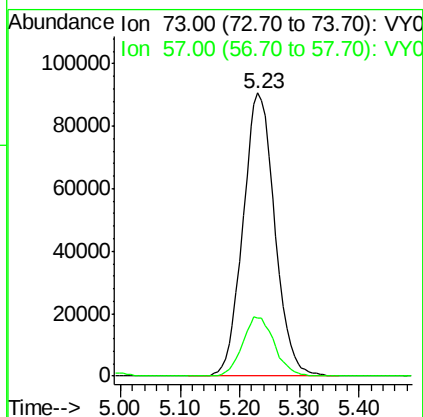
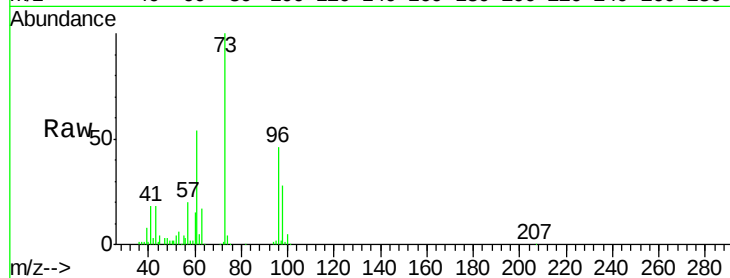




#19
Methvl tert-butvl Ether
Concen: 52.745 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

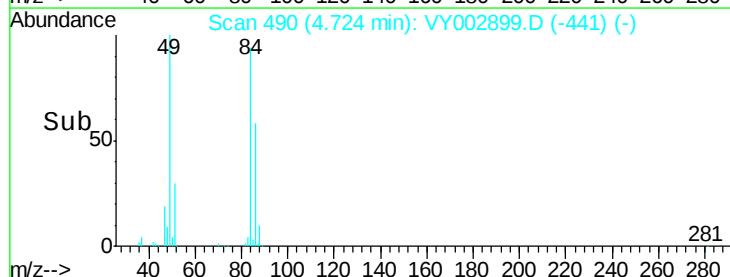
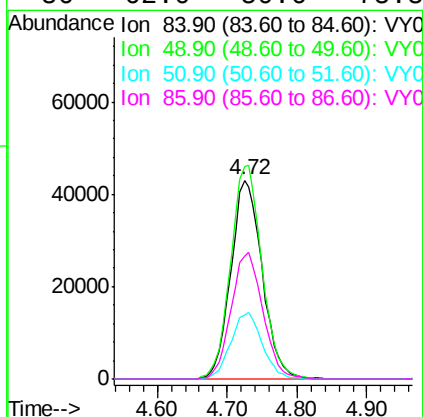
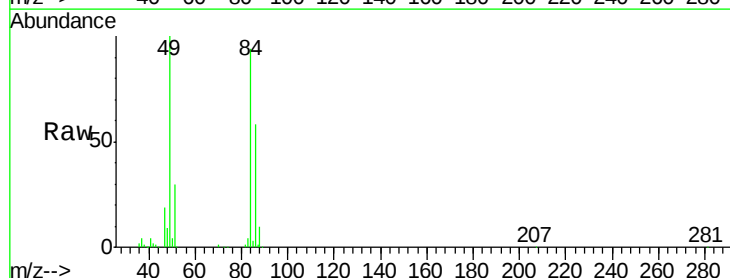
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 335619
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4



#20
Methylene Chloride
Concen: 49.632 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 84 Resp: 133795
Ion Ratio Lower Upper
84 100
49 106.8 88.5 132.7
51 32.4 26.8 40.2
86 62.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.297 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

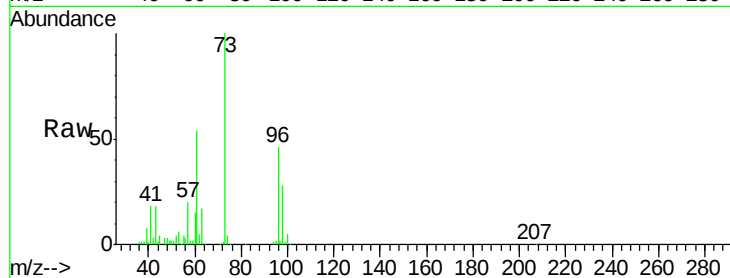
Tot Ion: 96 Resp: 125189

Ion Ratio Lower Upper

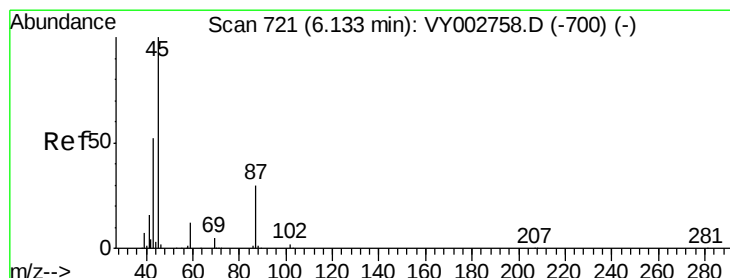
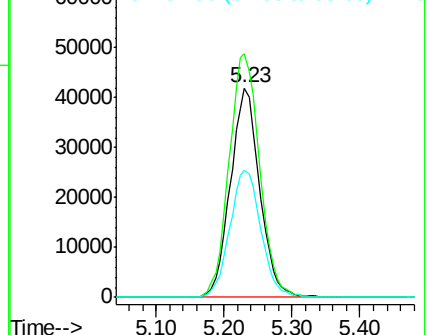
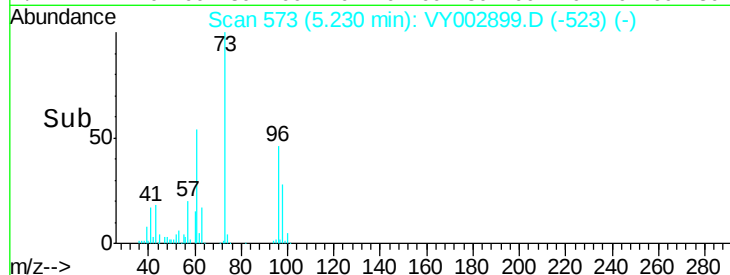
96 100

61 116.4 96.8 145.2

98 60.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY002899.D (-523) (-)



#22

Diisopropyl ether

Concen: 50.690 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Tgt Ion: 45 Resp: 348214

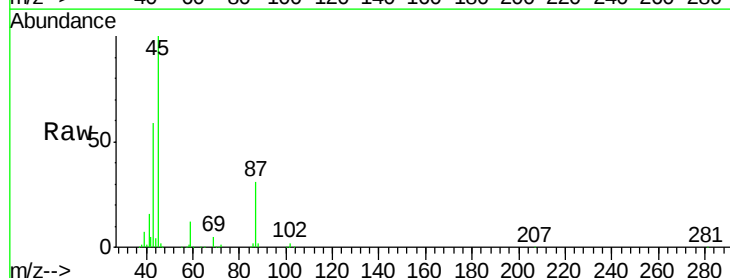
Ion Ratio Lower Upper

45 100

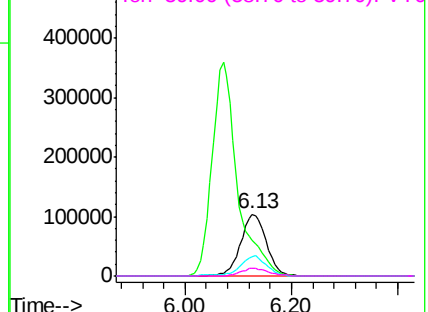
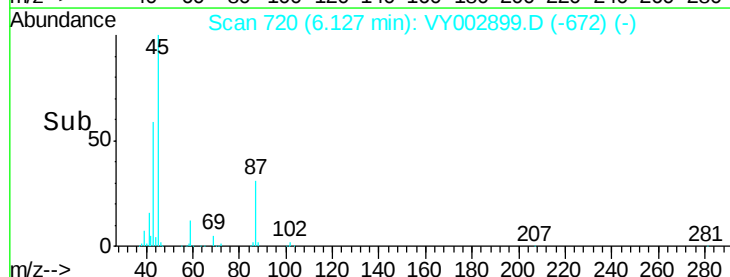
43 58.7 41.7 62.5

87 30.9 24.2 36.2

59 11.9 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY002899.D (-672) (-)





#23

Vinyl Acetate

Concen: 262.344 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

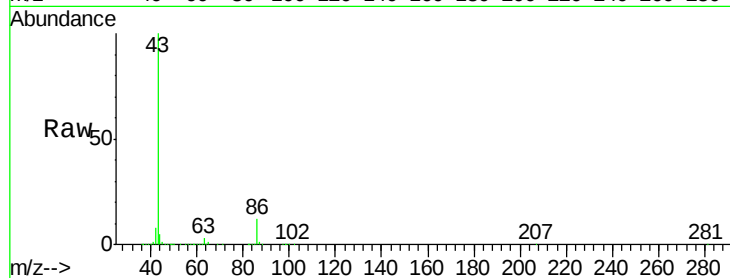
VSTDCCC050EC

Tot Ion: 43 Resp: 1189845

Ion Ratio Lower Upper

43 100

86 12.3 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

300000

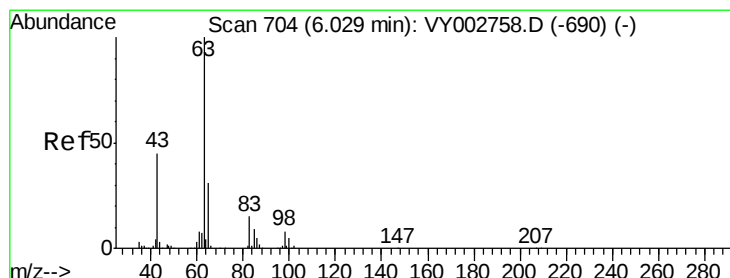
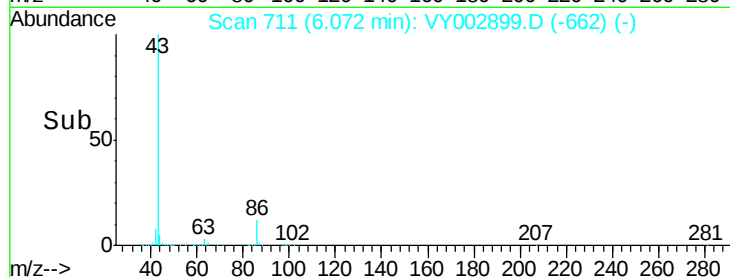
200000

100000

0

6.00 6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 51.063 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

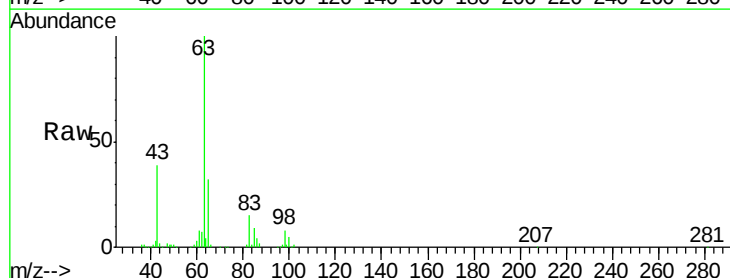
Tgt Ion: 63 Resp: 205197

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 5.2 2.4 7.1



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

6.03

80000

60000

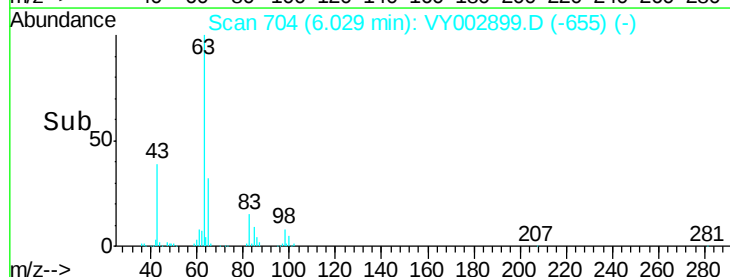
40000

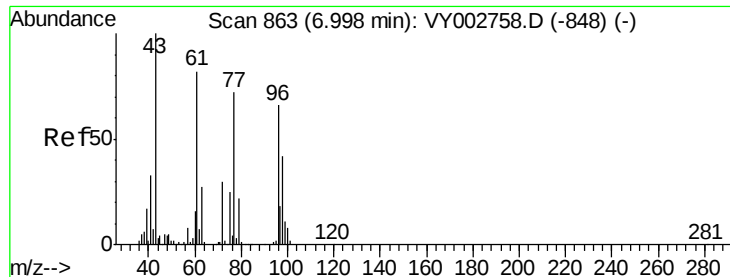
20000

0

5.90 6.00 6.10 6.20

Time-->

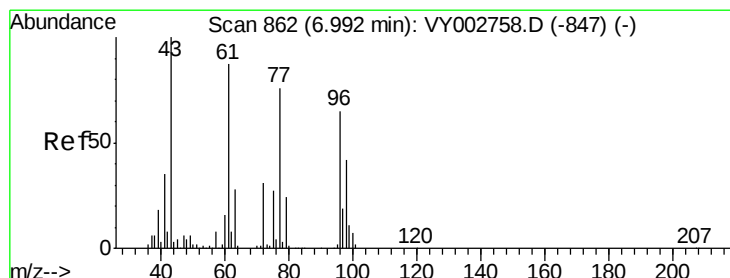
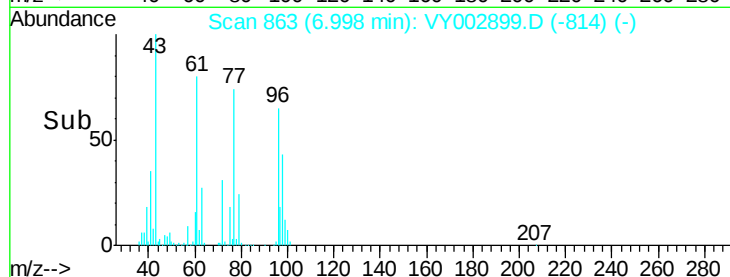
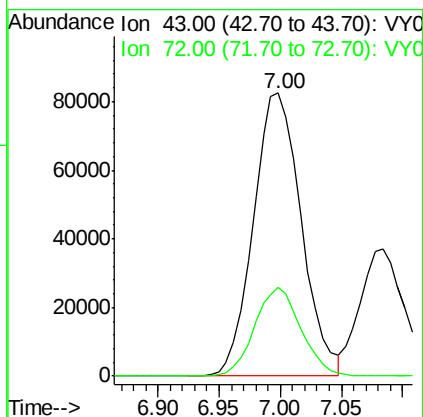
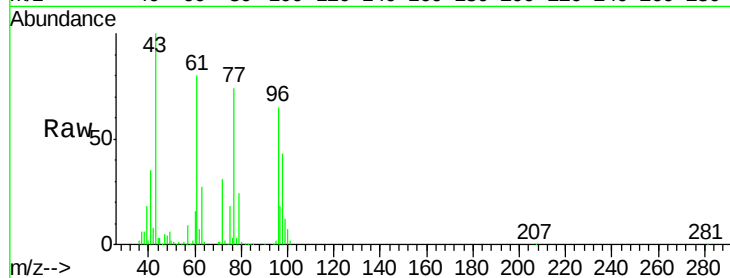




#25
2-Butanone
Concen: 262.154 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

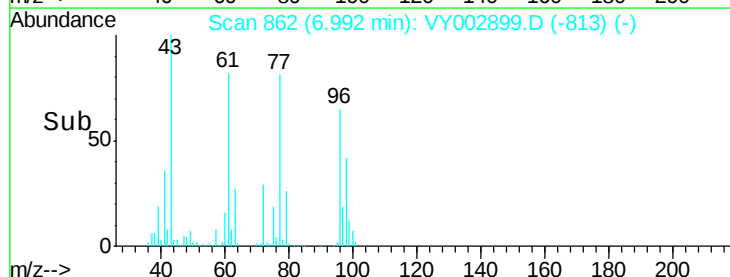
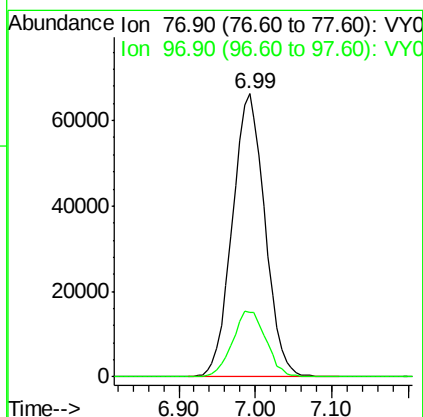
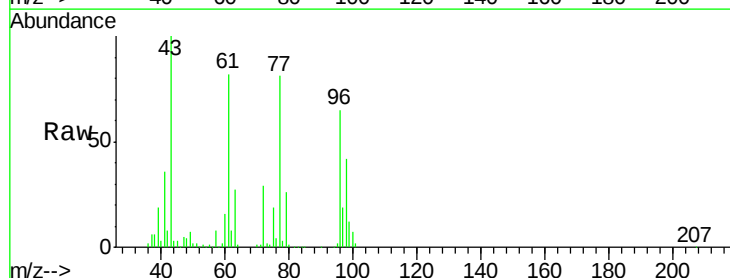
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

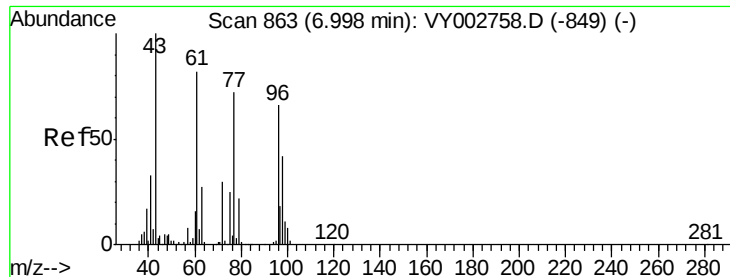
Tot Ion: 43 Resp: 225304
Ion Ratio Lower Upper
43 100
72 31.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 50.750 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 77 Resp: 195591
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6



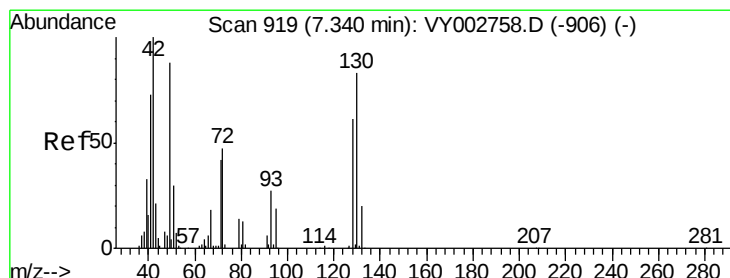
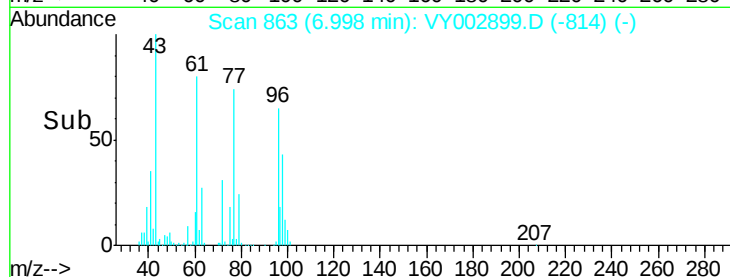
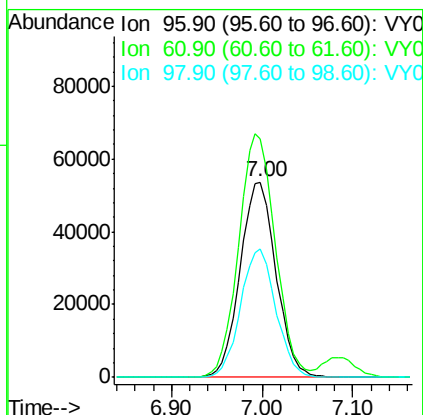
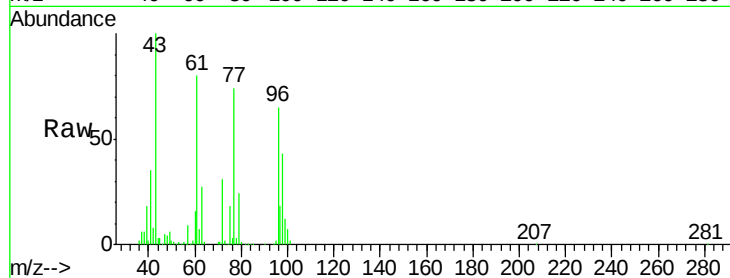


#27

cis-1,2-Dichloroethene
Concen: 50.640 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

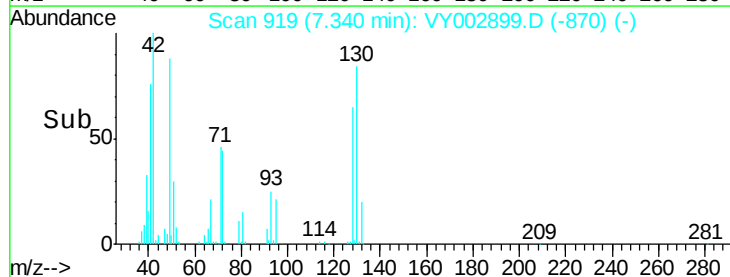
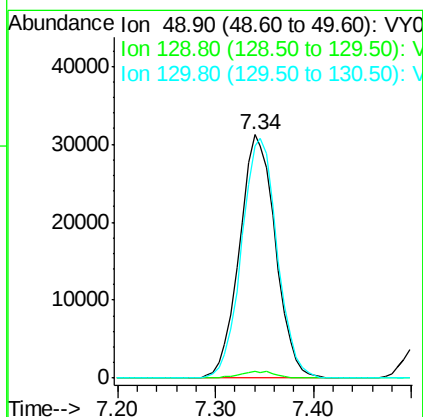
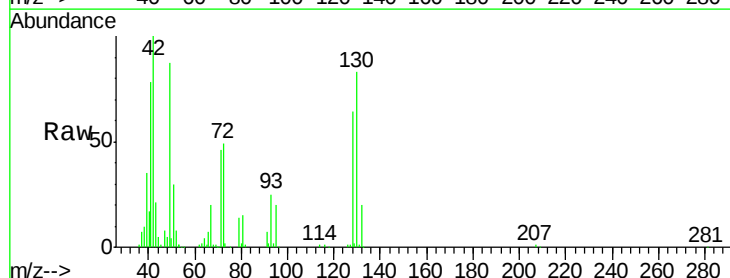
Tot Ion: 96 Resp: 146944
Ion Ratio Lower Upper
96 100
61 127.4 0.0 260.2
98 64.7 0.0 128.2



#28

Bromochloromethane
Concen: 48.268 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 49 Resp: 79626
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.2
130 97.4 77.1 115.7





#29

Tetrahydrofuran

Concen: 255.536 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

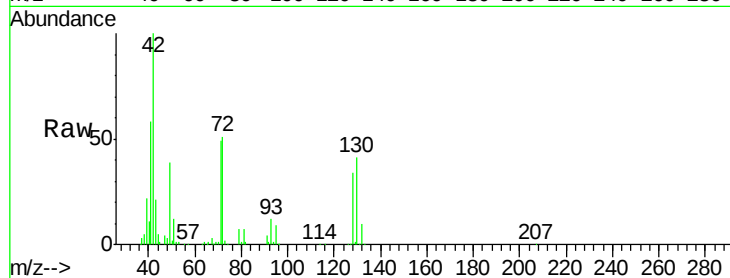
Tot Ion: 42 Resp: 142852

Ion Ratio Lower Upper

42 100

72 50.0 38.6 58.0

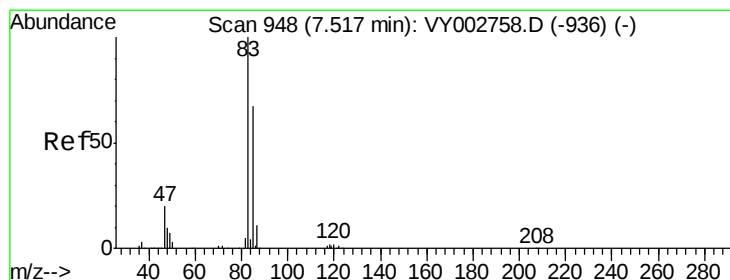
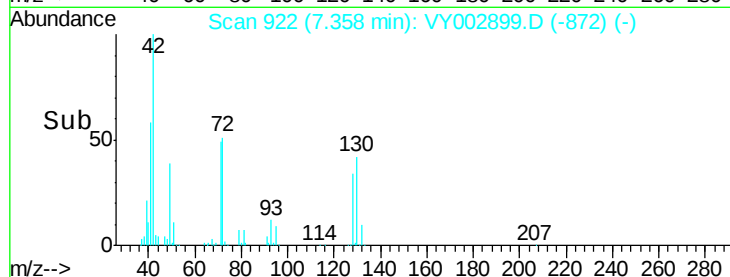
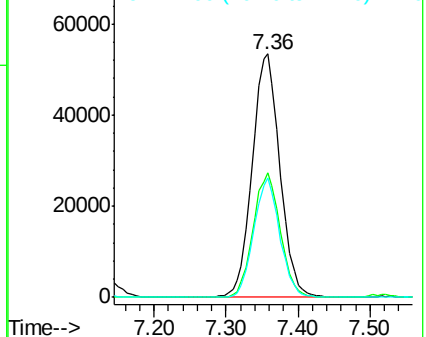
71 46.0 35.8 53.8



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: 52.384 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002899.D

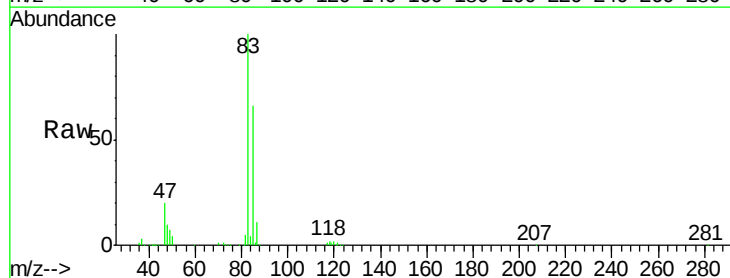
Acq: 15 Jun 2020 16:31

Tgt Ion: 83 Resp: 223376

Ion Ratio Lower Upper

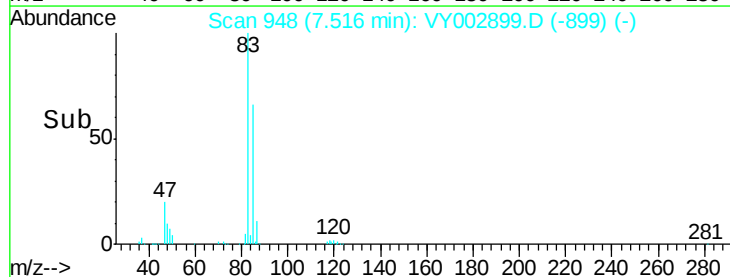
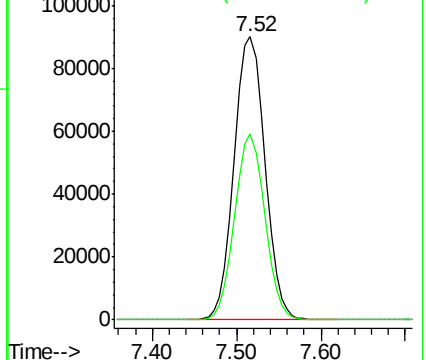
83 100

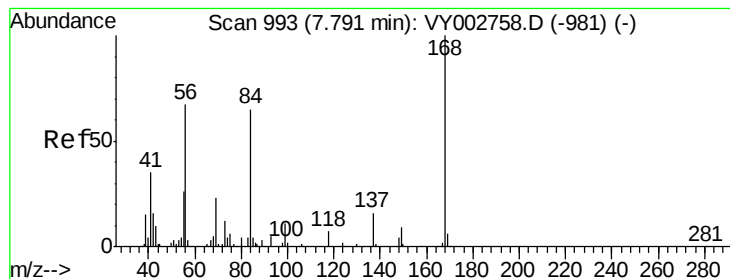
85 65.7 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.007 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

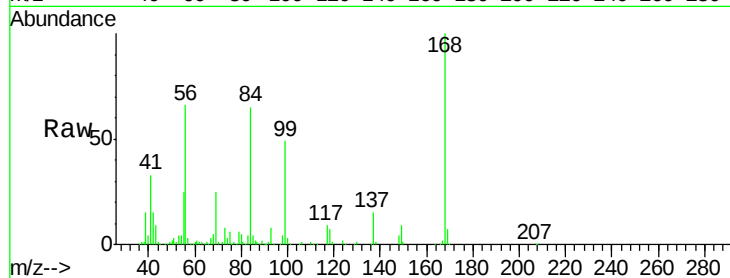
Tot Ion: 56 Resp: 179571

Ion Ratio Lower Upper

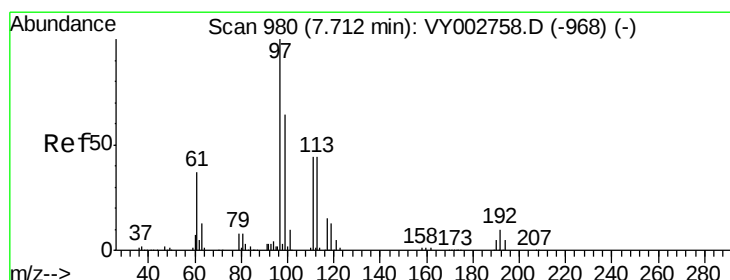
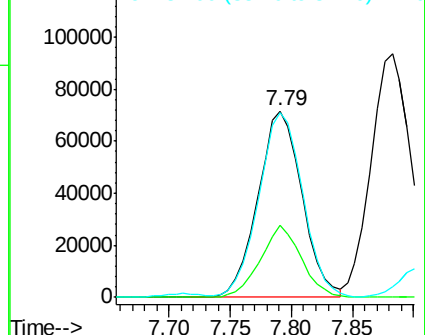
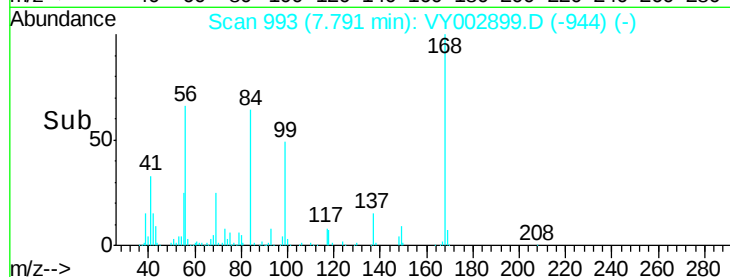
56 100

69 38.4 28.0 42.0

84 97.6 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 51.405 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

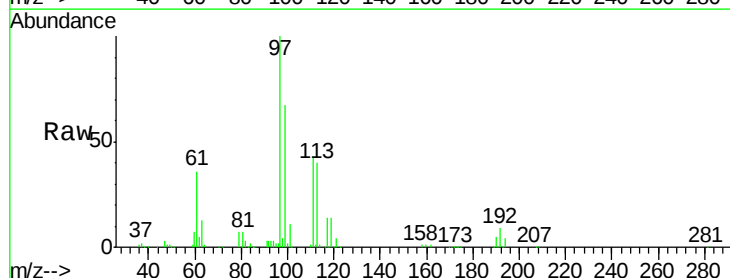
Tgt Ion: 97 Resp: 204265

Ion Ratio Lower Upper

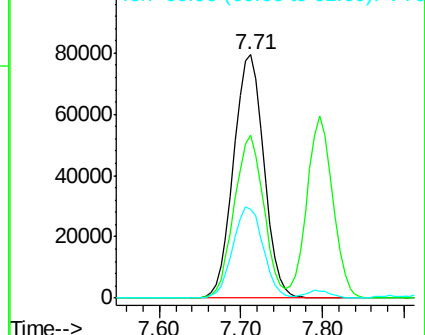
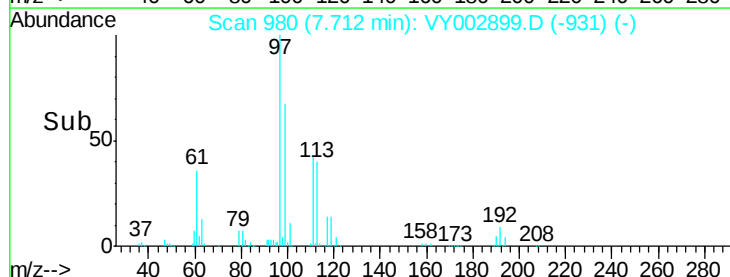
97 100

99 65.2 51.4 77.0

61 37.6 30.1 45.1



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





#33

1,2-Dichloroethane-d4

Concen: 48.386 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

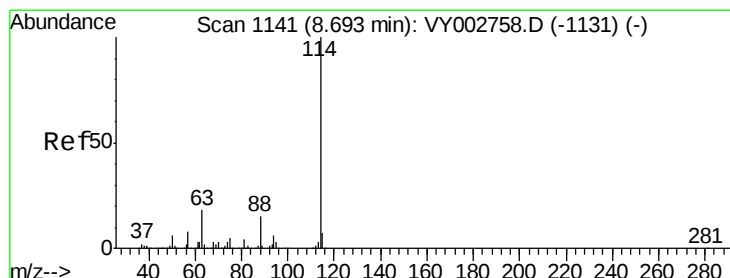
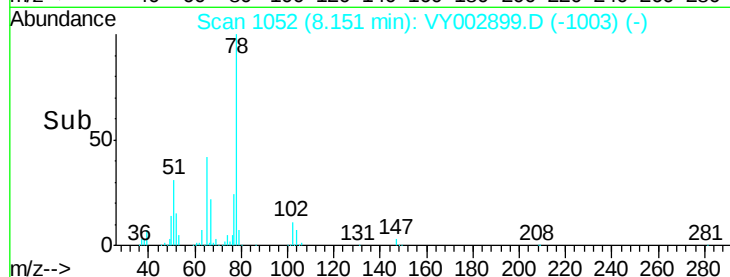
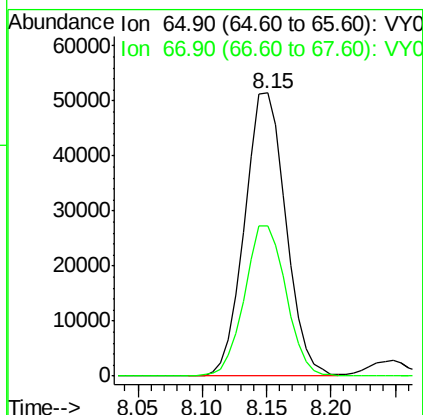
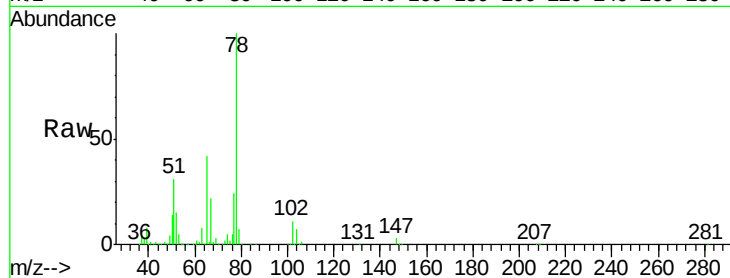
VSTDCCC050EC

Tot Ion: 65 Resp: 113826

Ion Ratio Lower Upper

65 100

67 53.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

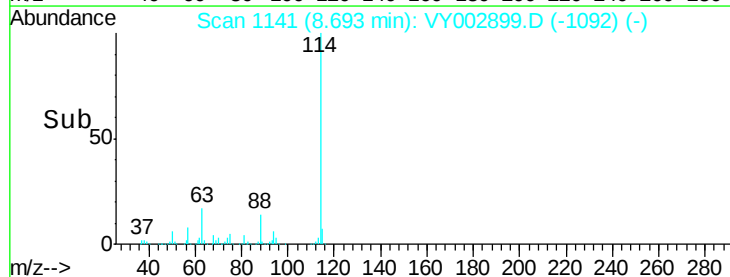
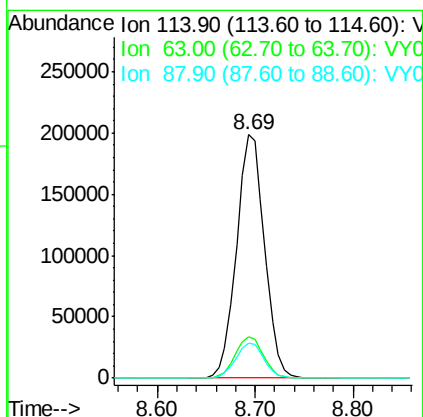
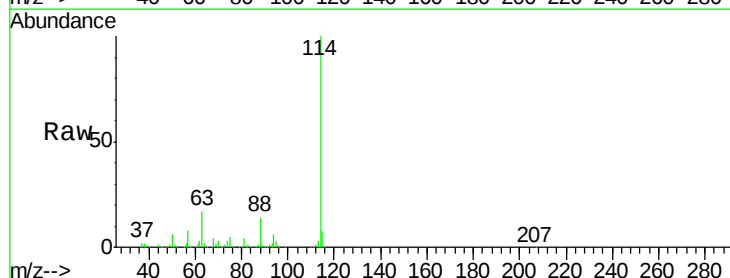
Tgt Ion: 114 Resp: 393436

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 14.5 0.0 29.2

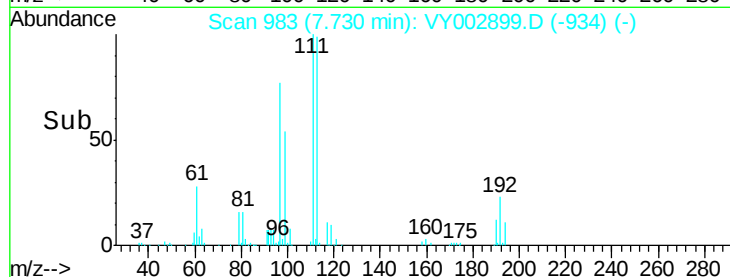
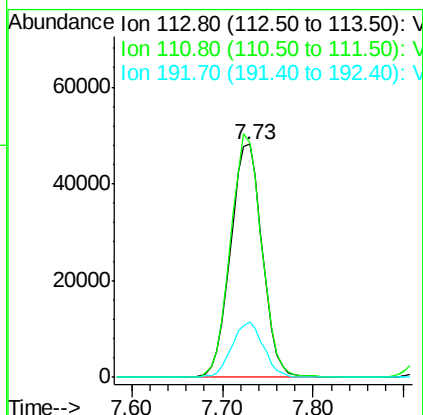
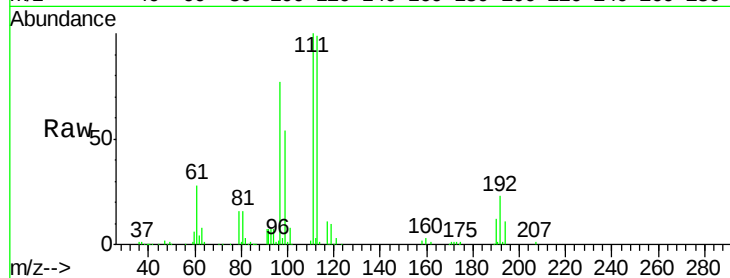




#35
 Dibromofluoromethane
 Concen: 50.666 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

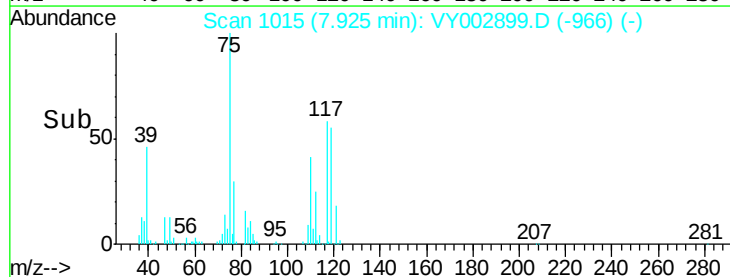
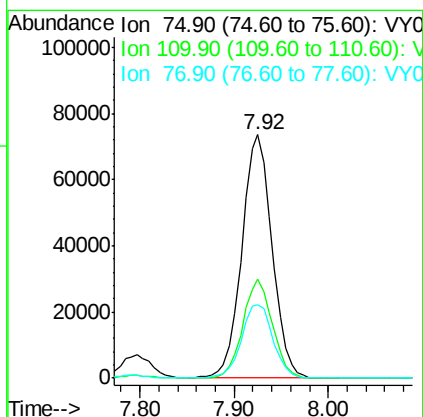
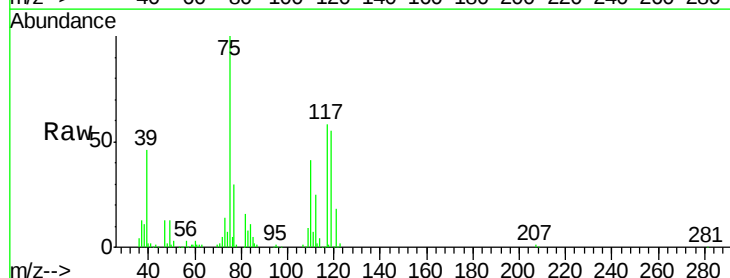
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

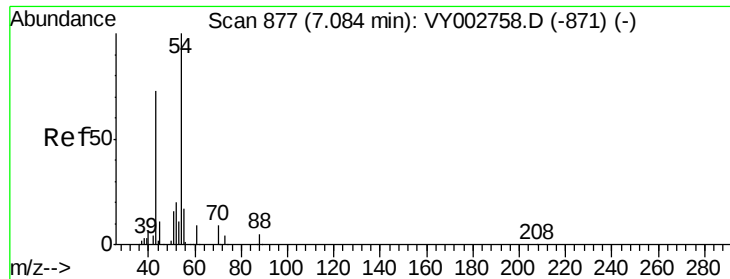
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 49.818 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.3	57.9
77	31.6	24.8	37.2

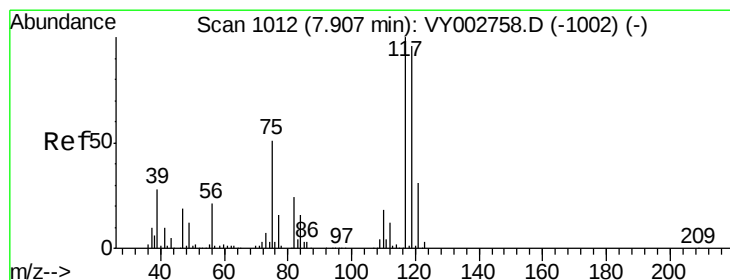
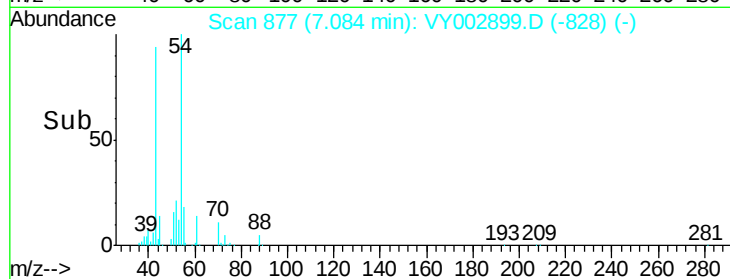
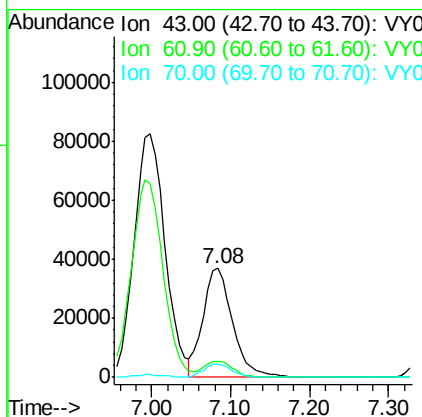
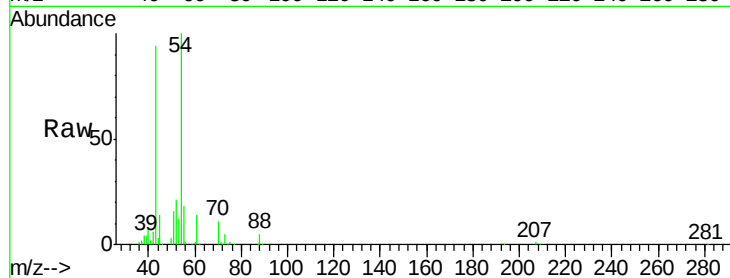




#37
Ethyl Acetate
Concen: 53.579 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

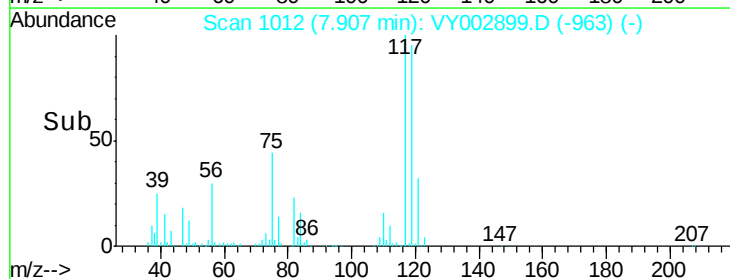
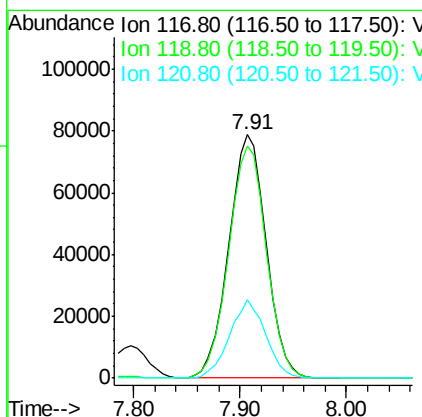
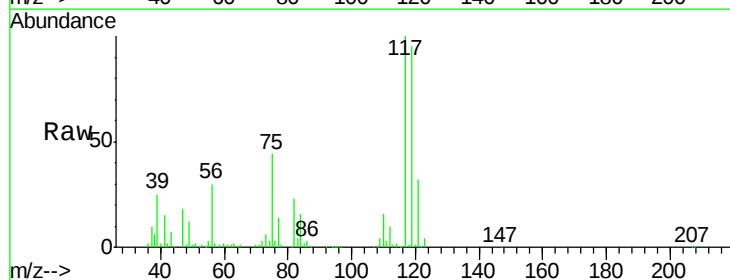
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

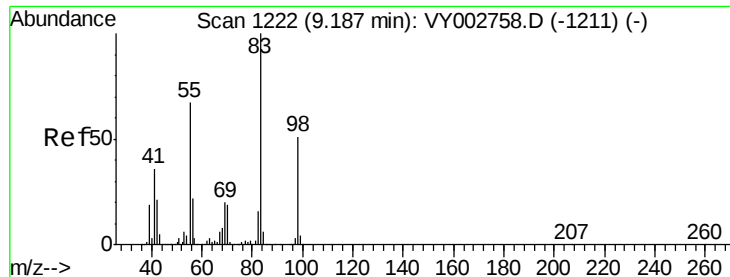
Tot Ion: 43 Resp: 96612
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.592 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 117 Resp: 193632
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2
121 32.3 24.8 37.2

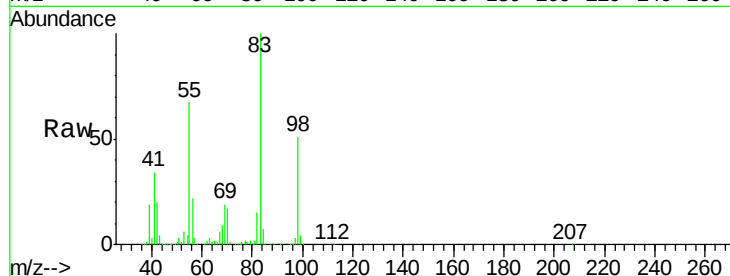




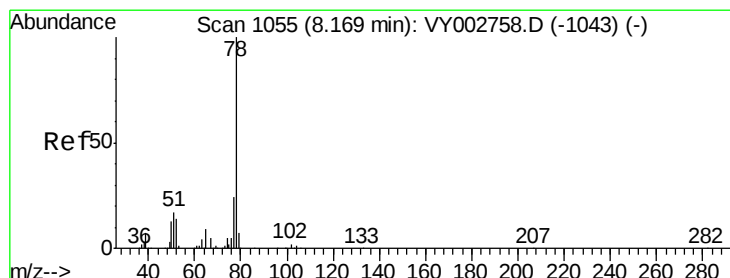
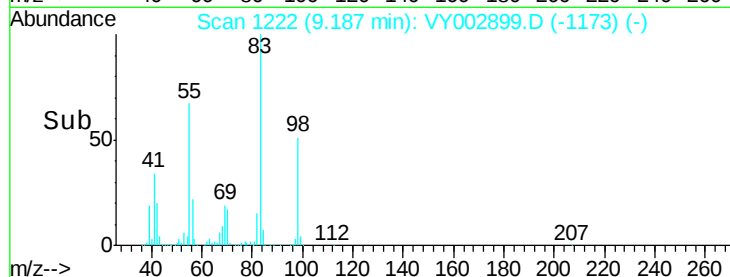
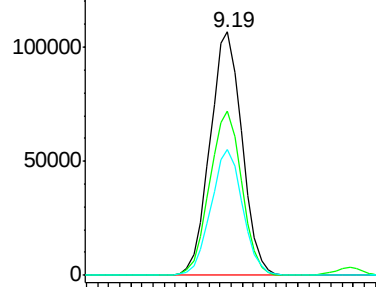
#39
Methvlcvclohexane
Concen: 48.710 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	212787
Ion	Ratio	Lower	Upper
83	100		
55	67.4	53.3	79.9
98	51.5	41.1	61.7

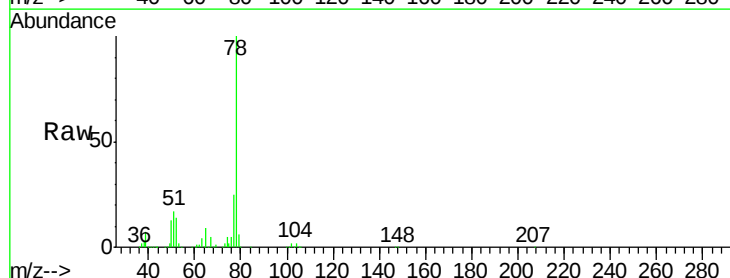


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

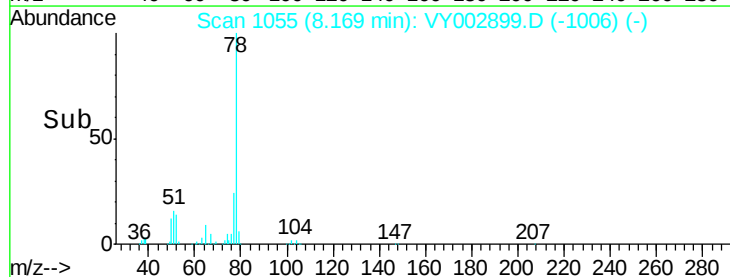
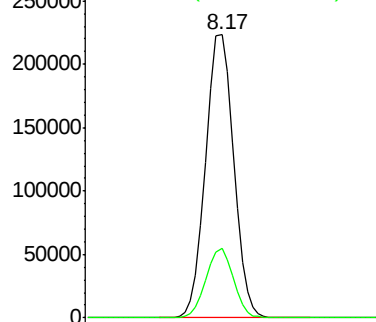


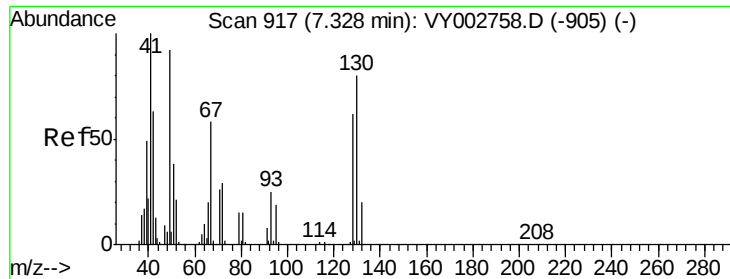
#40
Benzene
Concen: 51.290 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion	78	Resp	502277
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



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

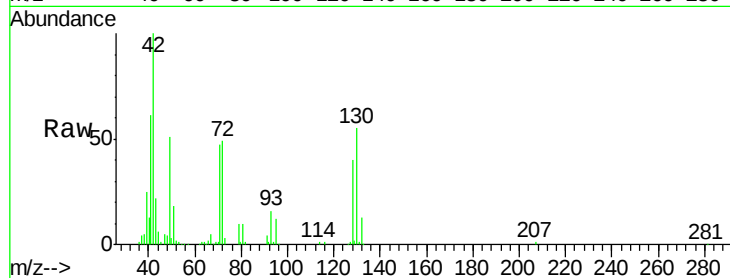




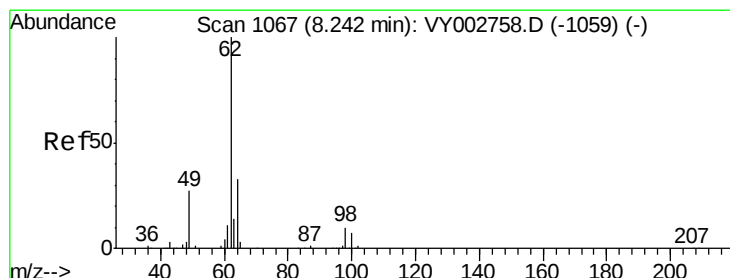
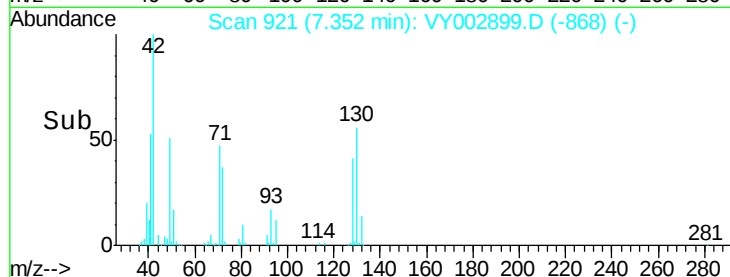
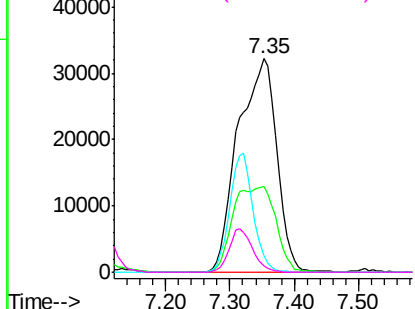
#41
Methacrylonitrile
Concen: 137.580 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 133276
Ion Ratio Lower Upper
41 100
39 44.4 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

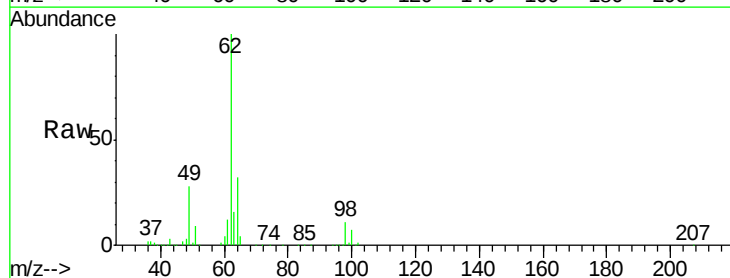


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

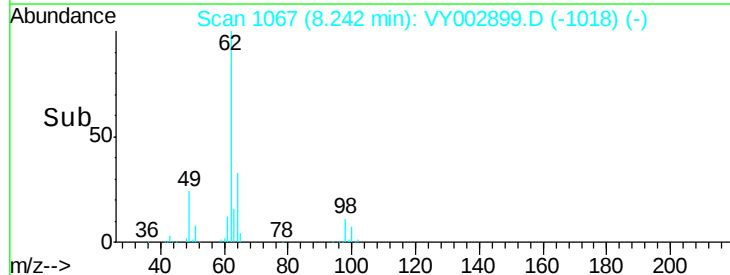
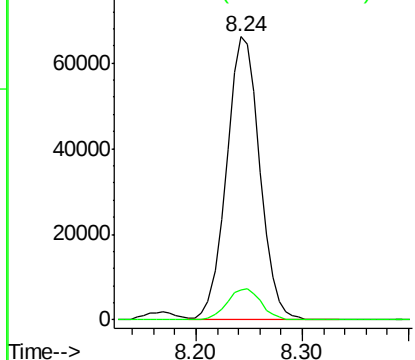


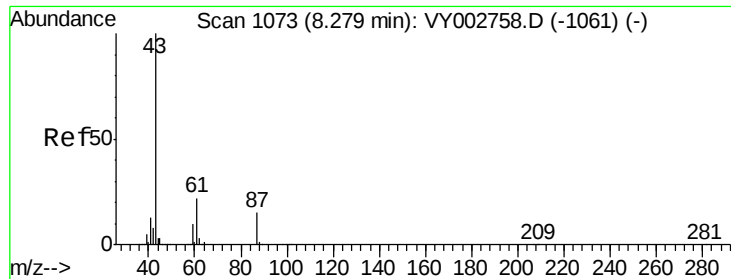
#42
1,2-Dichloroethane
Concen: 52.737 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 62 Resp: 144734
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.6



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

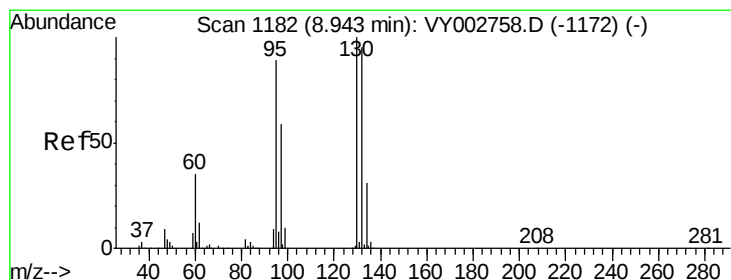
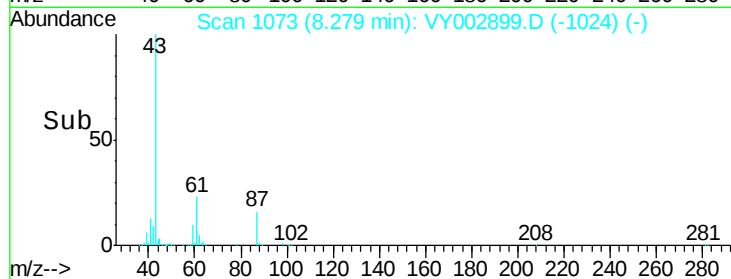
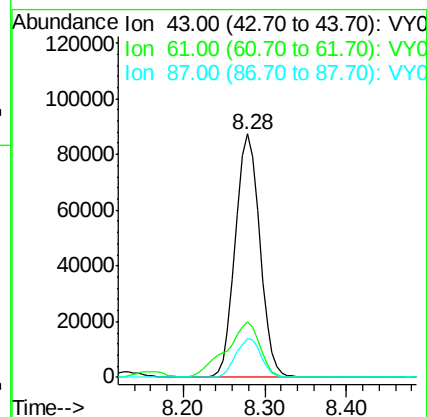
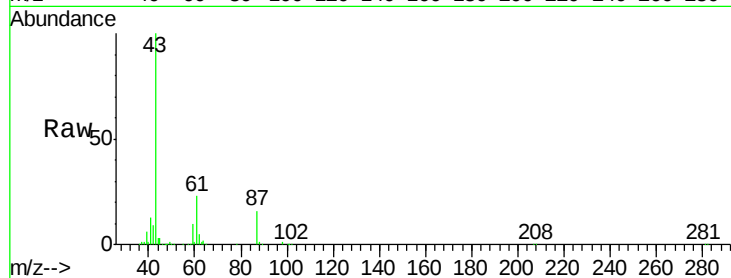




#43
Isopropyl Acetate
Concen: 52.997 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

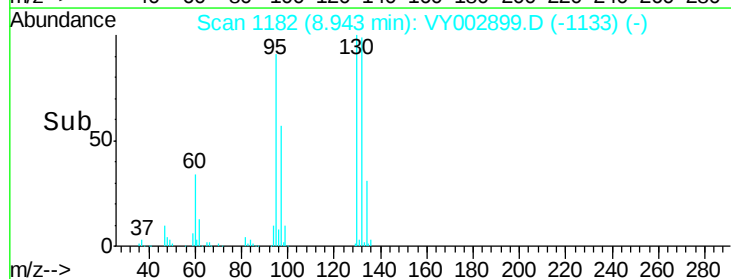
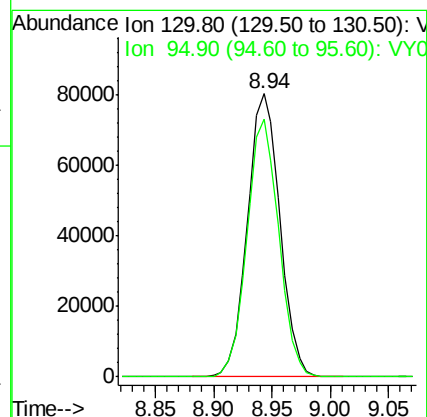
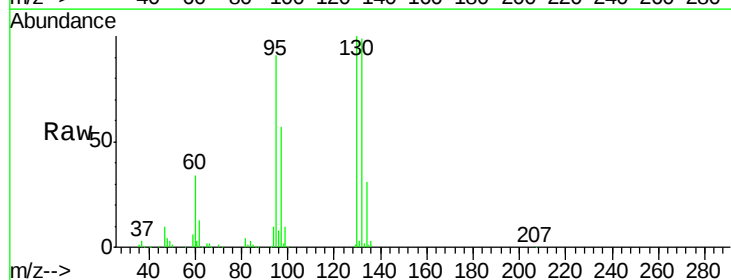
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

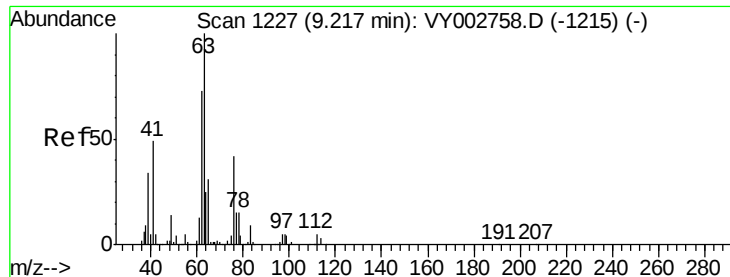
Tot Ion: 43 Resp: 181094
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 16.1 12.4 18.6



#44
Trichloroethene
Concen: 50.545 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 130 Resp: 156350
Ion Ratio Lower Upper
130 100
95 91.0 0.0 178.8





#45

1,2-Dichloropropane

Concen: 51.495 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

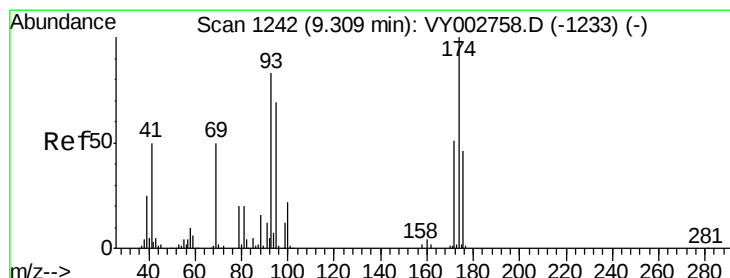
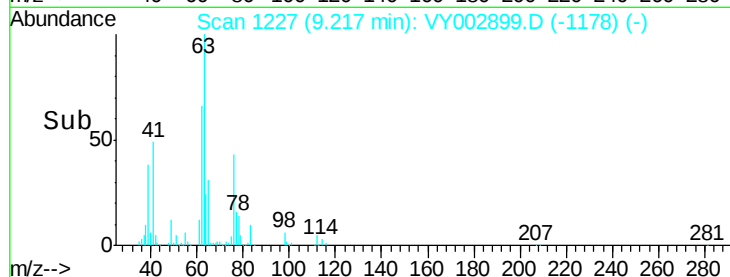
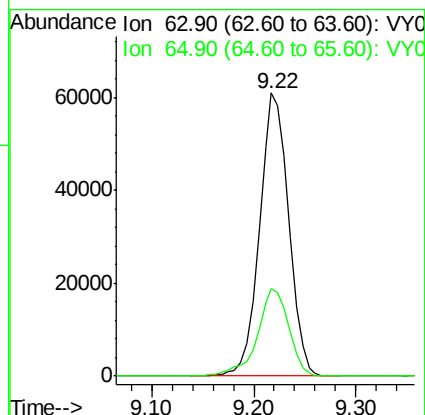
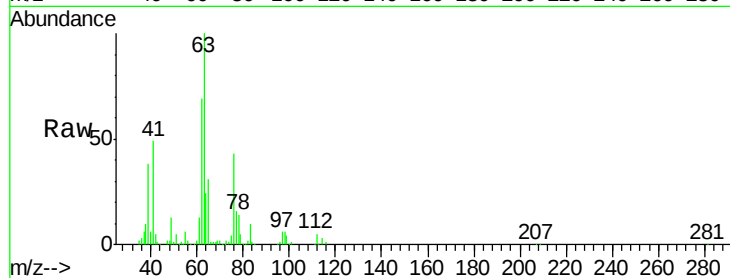
VSTDCCC050EC

Tot Ion: 63 Resp: 120931

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 51.990 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

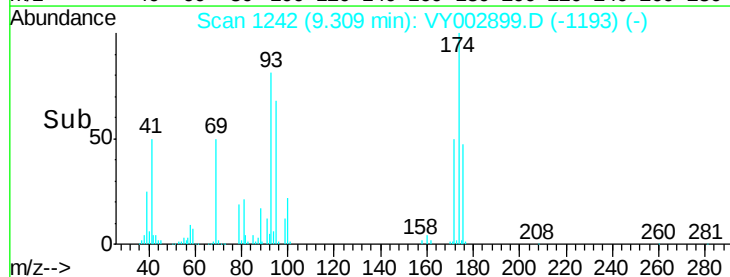
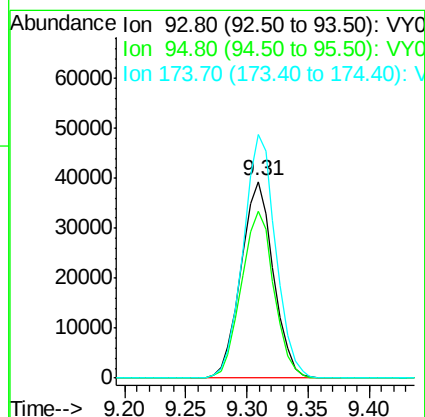
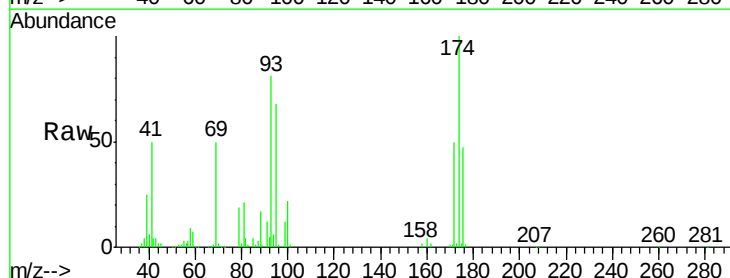
Tgt Ion: 93 Resp: 72511

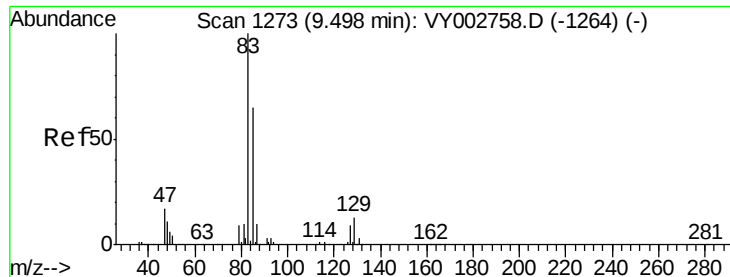
Ion Ratio Lower Upper

93 100

95 85.2 66.9 100.3

174 124.0 97.7 146.5





#47

Bromodichloromethane

Concen: 53.985 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

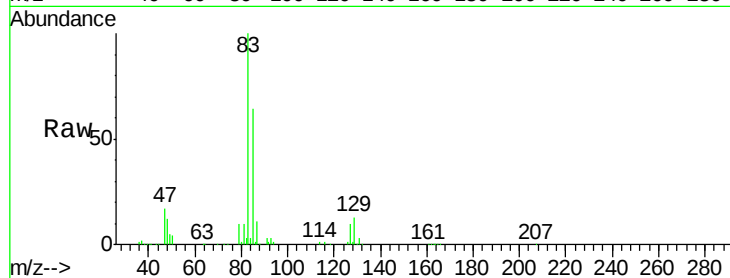
Tot Ion: 83 Resp: 177500

Ion Ratio Lower Upper

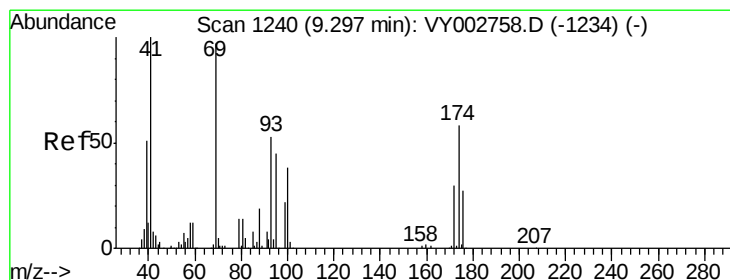
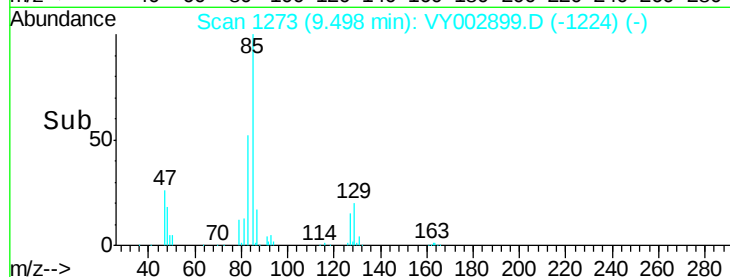
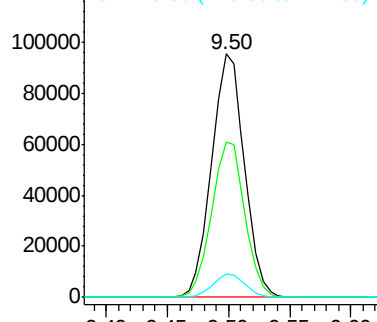
83 100

85 63.8 51.9 77.9

127 9.5 7.1 10.7



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: 53.824 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

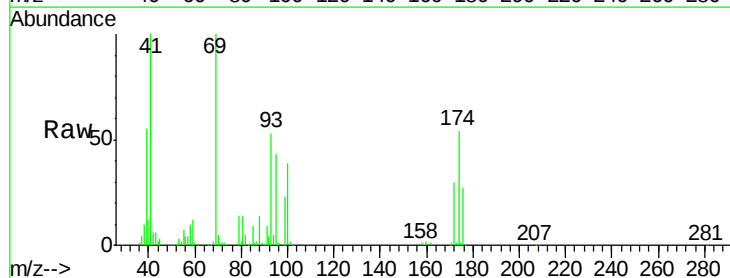
Tgt Ion: 41 Resp: 83027

Ion Ratio Lower Upper

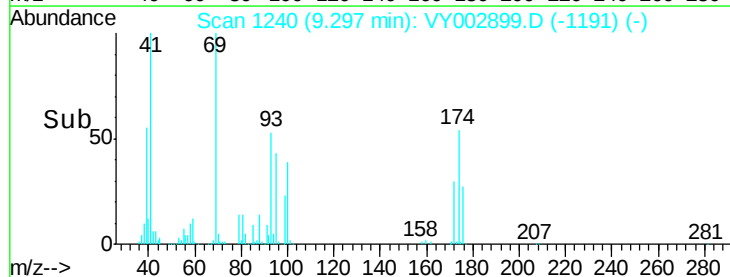
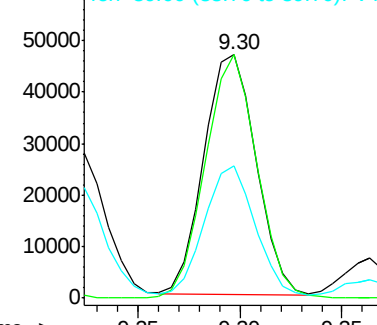
41 100

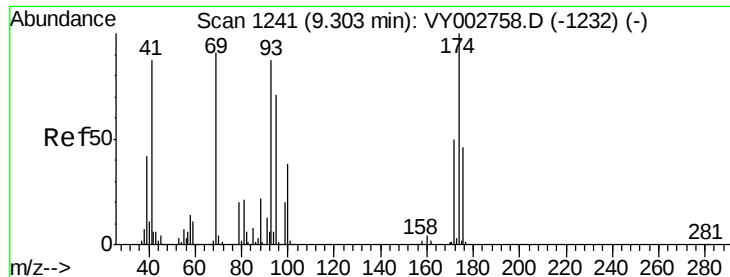
69 99.9 79.7 119.5

39 54.8 43.3 64.9



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: 1003.637 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

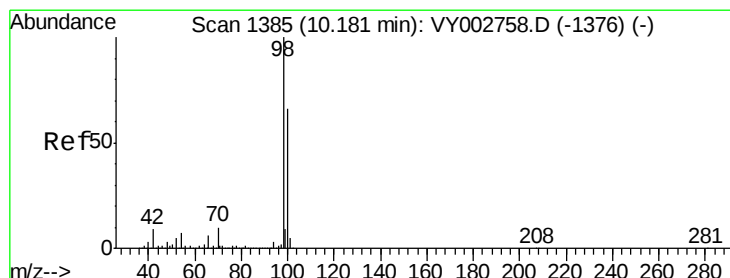
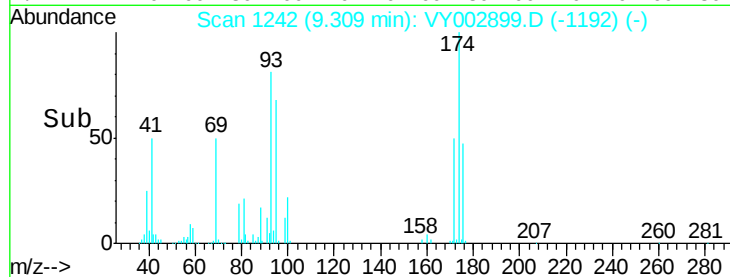
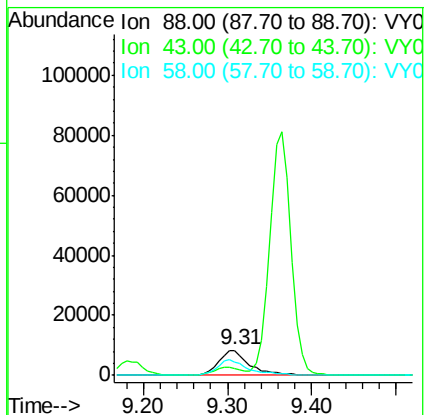
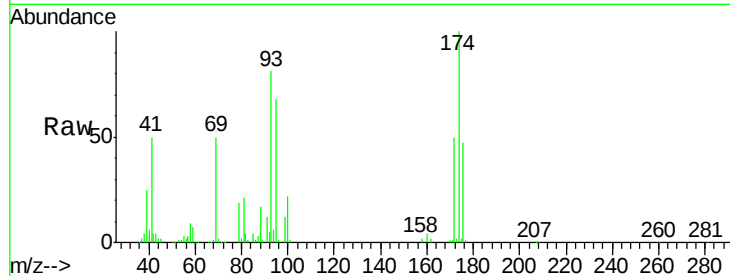
Tot Ion: 88 Resp: 21493

Ion Ratio Lower Upper

88 100

43 26.7 21.3 31.9

58 62.3 52.2 78.2



#50

Toluene-d8

Concen: 48.304 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002899.D

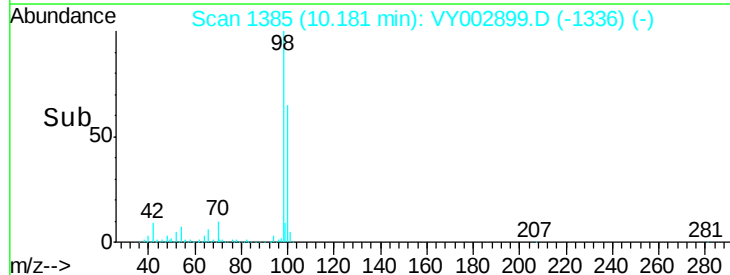
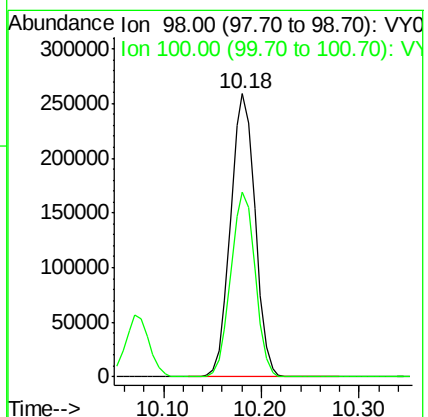
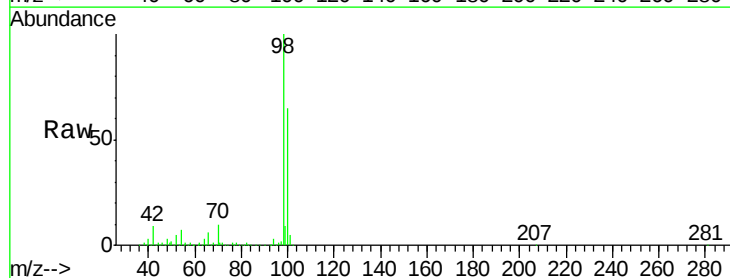
Acq: 15 Jun 2020 16:31

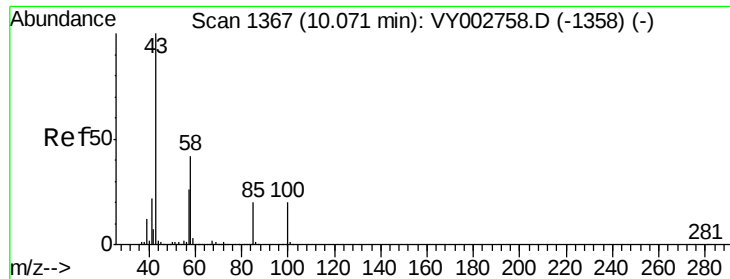
Tgt Ion: 98 Resp: 450327

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 273.096 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

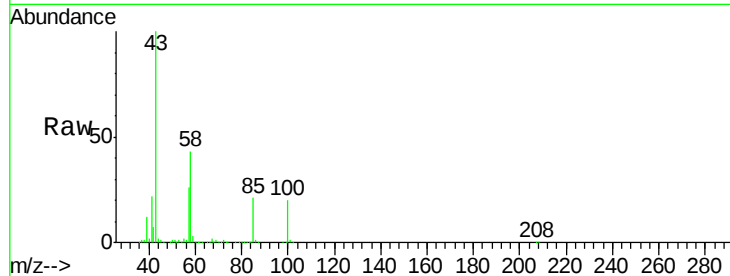
VSTDCCC050EC

Tot Ion: 43 Resp: 494142

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-1358) (-)

10.07

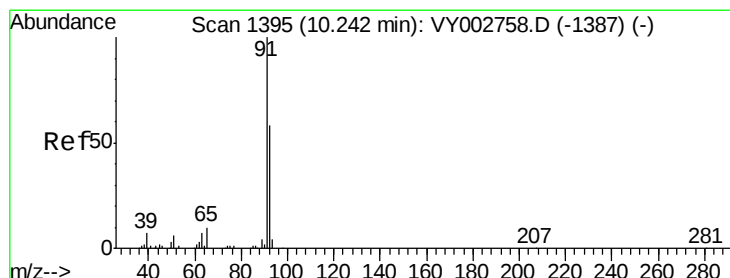
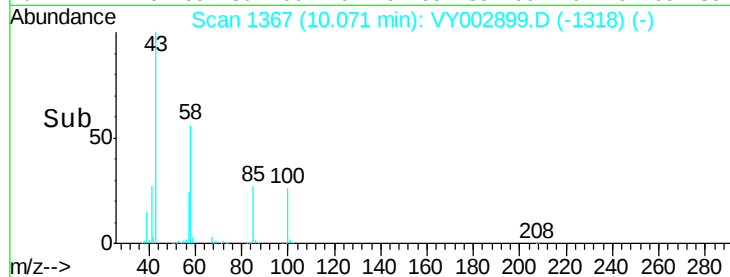
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.509 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002899.D

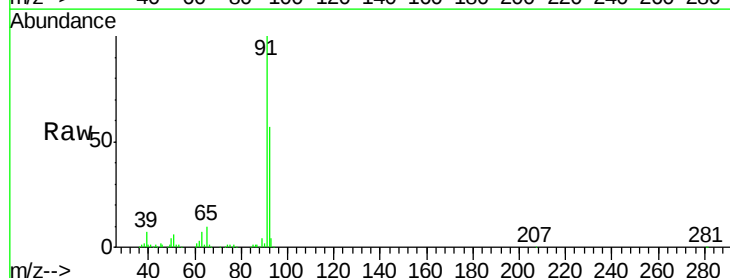
Acq: 15 Jun 2020 16:31

Tgt Ion: 92 Resp: 329978

Ion Ratio Lower Upper

92 100

91 174.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY002758.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY002758.D (-1387) (-)

10.25

400000

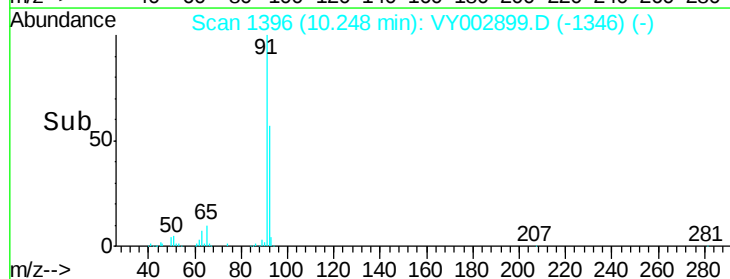
300000

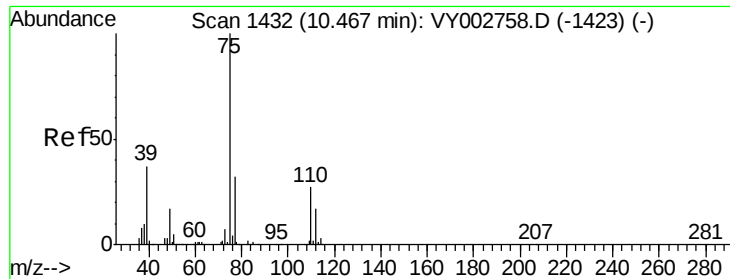
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.091 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

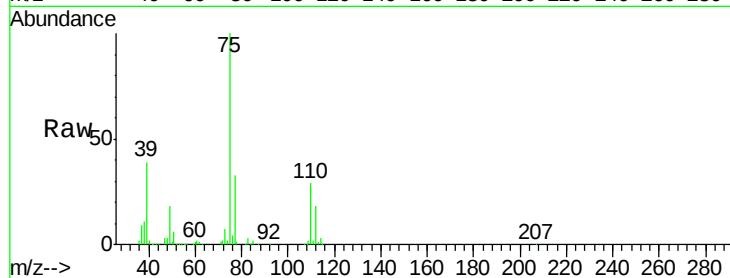
VSTDCCC050EC

Tot Ion: 75 Resp: 194256

Ion Ratio Lower Upper

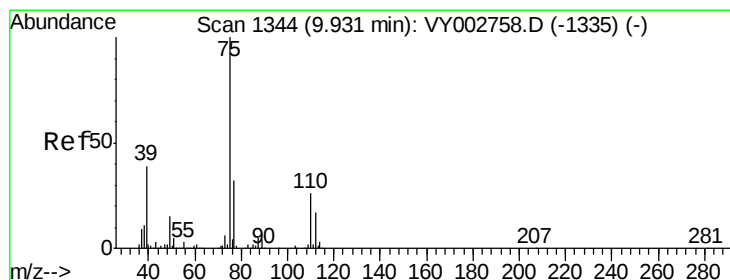
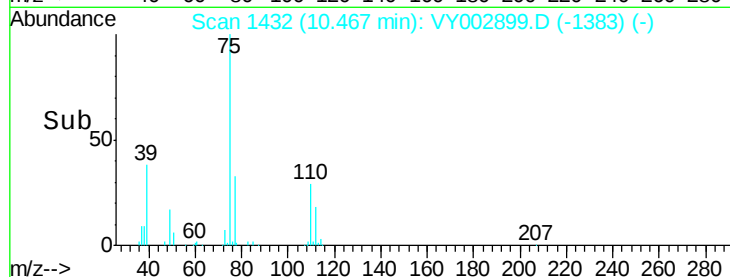
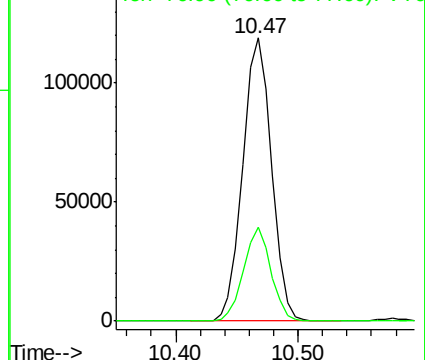
75 100

77 33.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 52.858 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

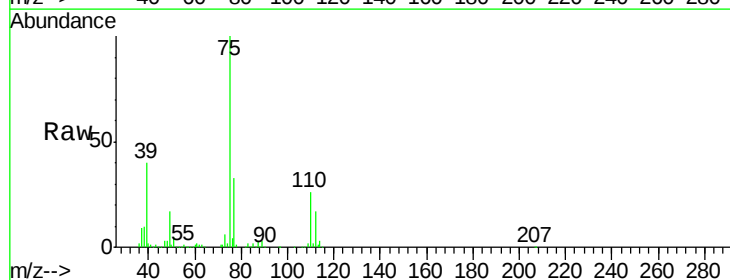
Tgt Ion: 75 Resp: 215097

Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

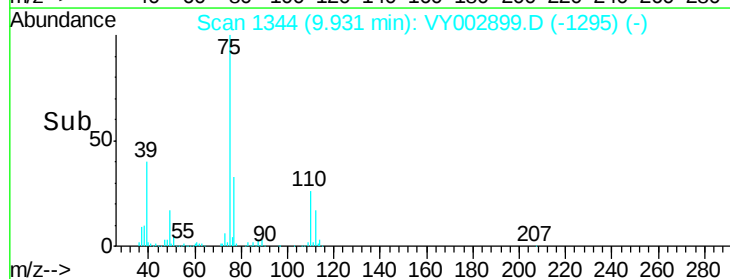
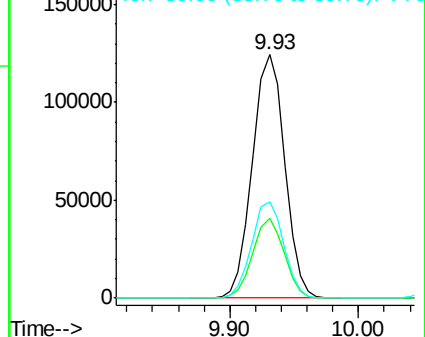
39 39.5 31.3 46.9



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



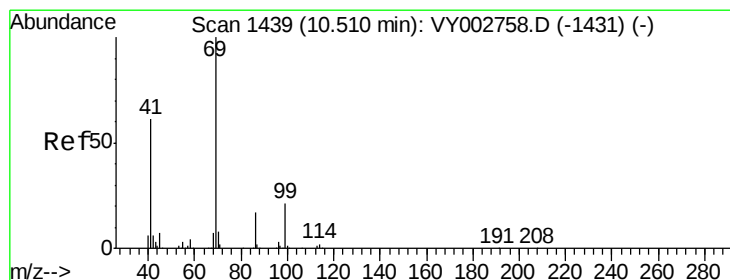
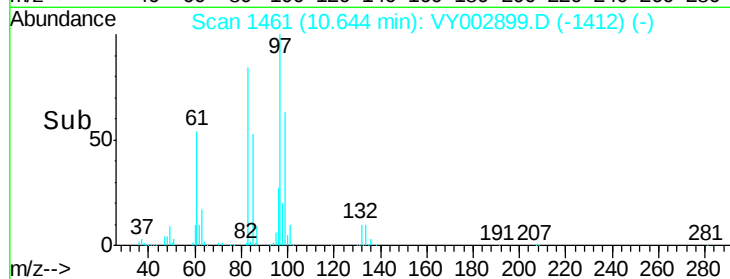
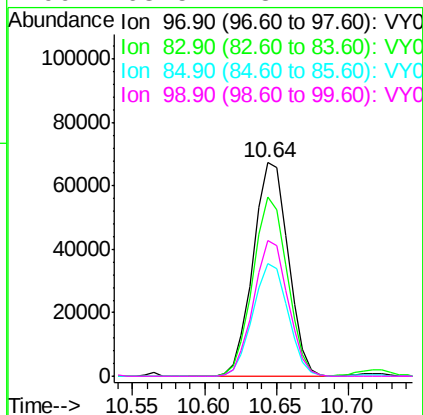
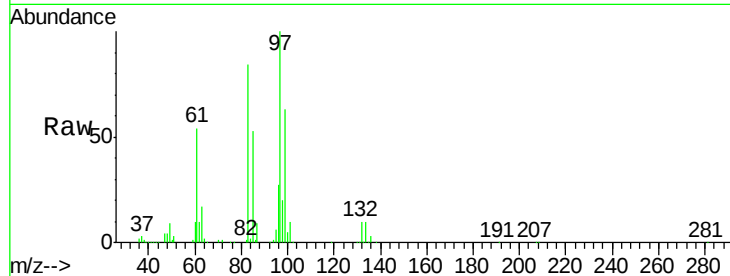


#55
 1,1,2-Trichloroethane
 Concen: 53.334 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 113881

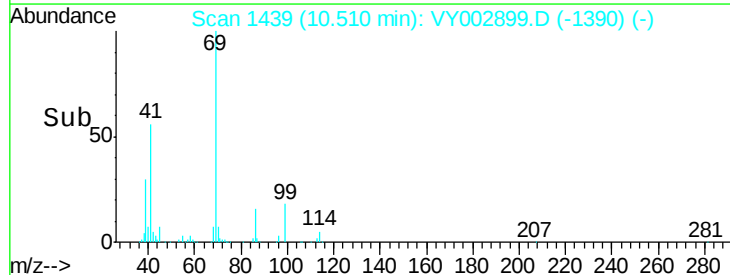
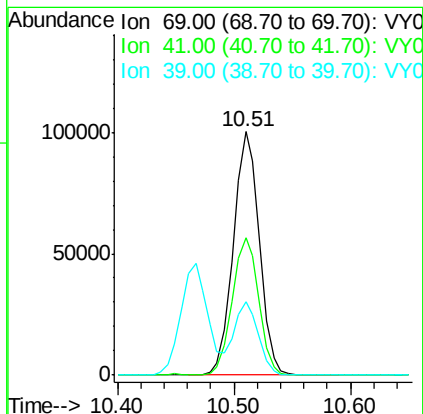
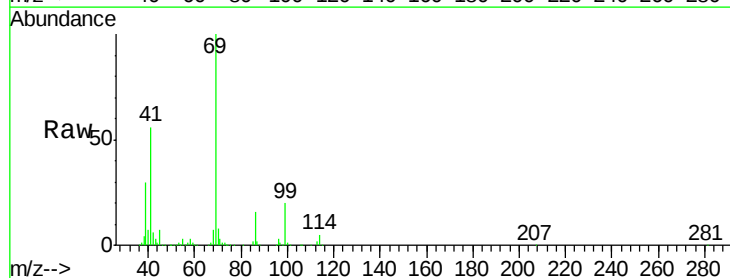
Ion	Ratio	Lower	Upper
97	100		
83	83.7	62.7	94.1
85	52.7	40.6	60.8
99	63.5	48.2	72.4

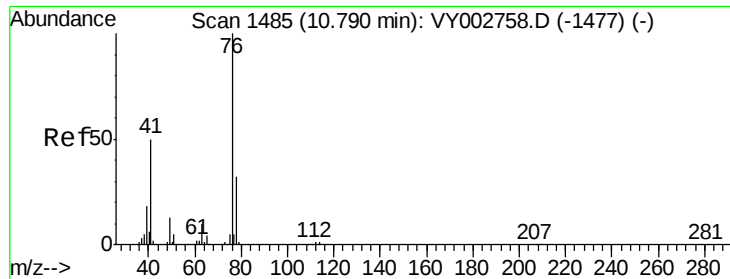


#56
 Ethyl methacrylate
 Concen: 54.390 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion: 69 Resp: 155552

Ion	Ratio	Lower	Upper
69	100		
41	56.9	47.0	70.4
39	27.7	22.0	33.0





#57

1,3-Dichloropropane

Concen: 53.380 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

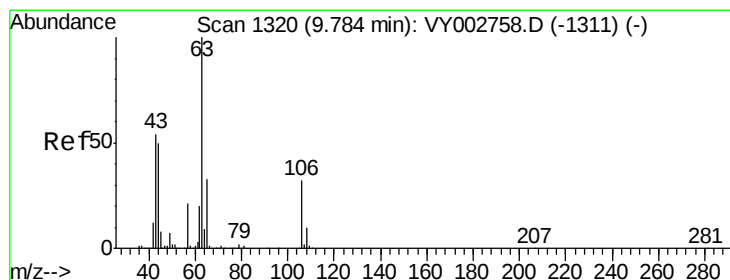
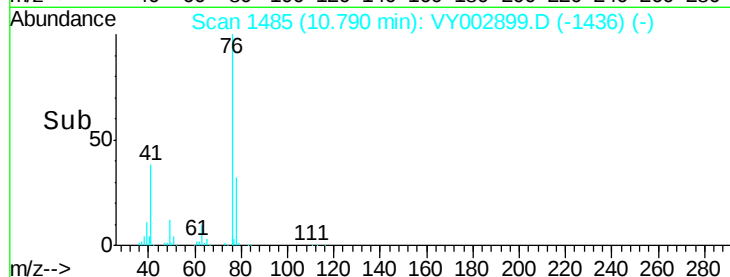
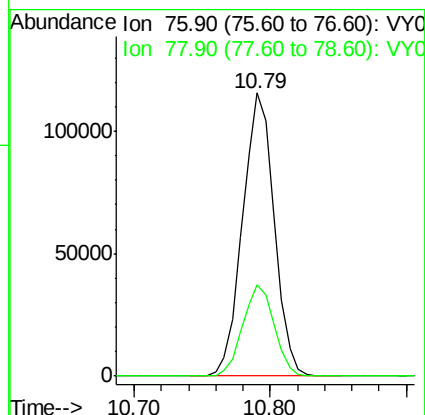
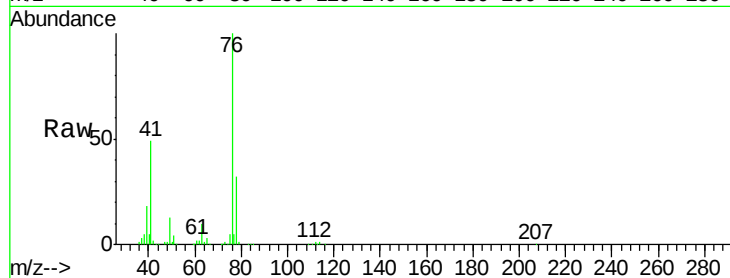
VSTDCCC050EC

Tot Ion: 76 Resp: 187469

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 262.106 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002899.D

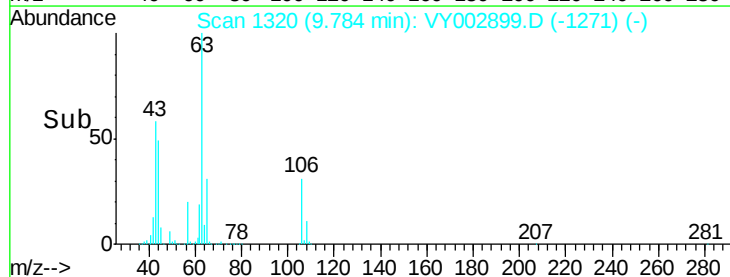
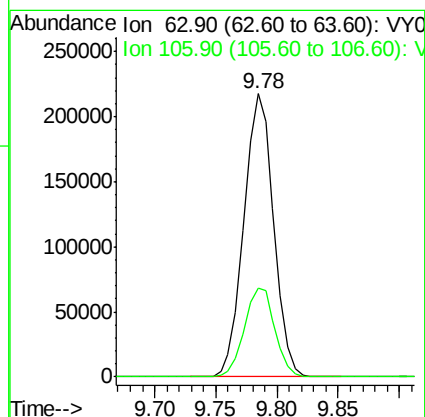
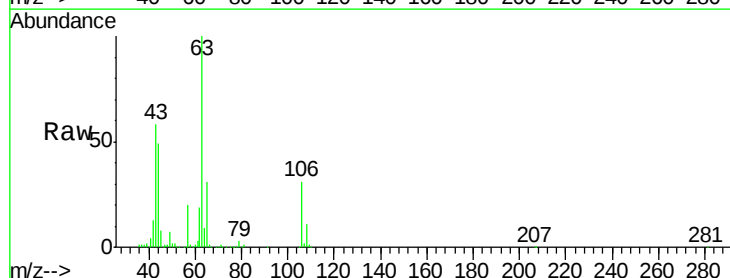
Acq: 15 Jun 2020 16:31

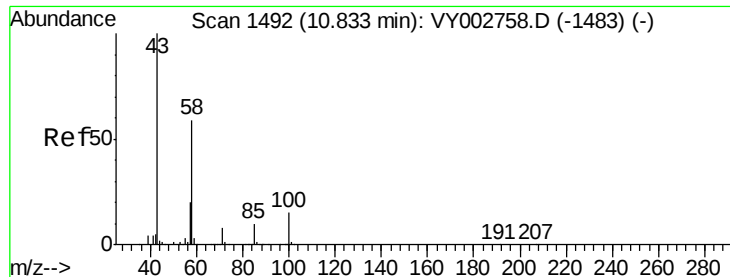
Tgt Ion: 63 Resp: 366280

Ion Ratio Lower Upper

63 100

106 32.1 25.4 38.2

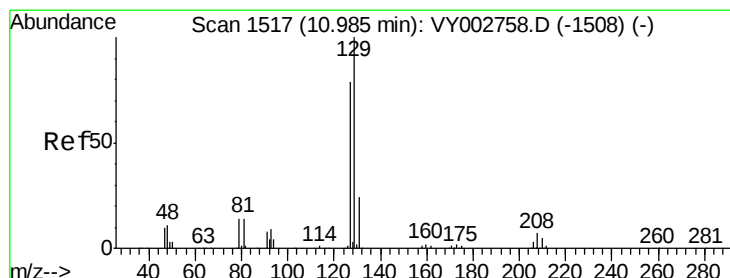
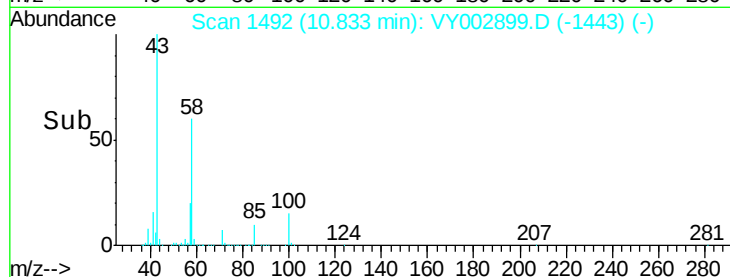
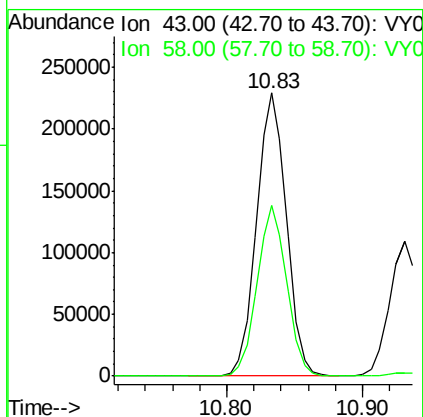
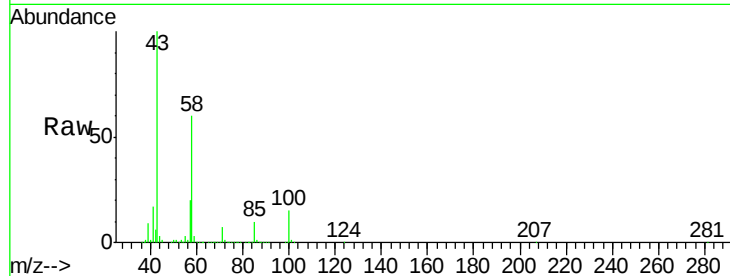




#59
2-Hexanone
Concen: 275.060 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

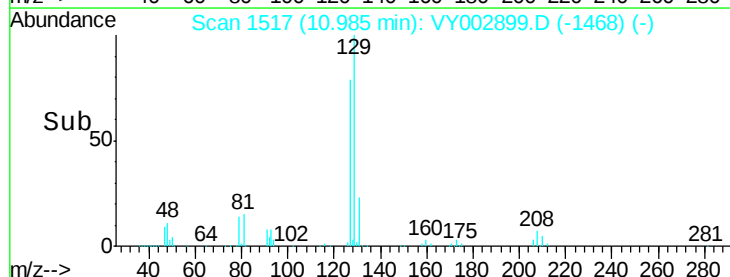
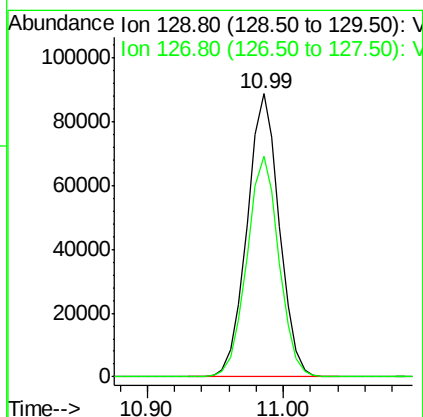
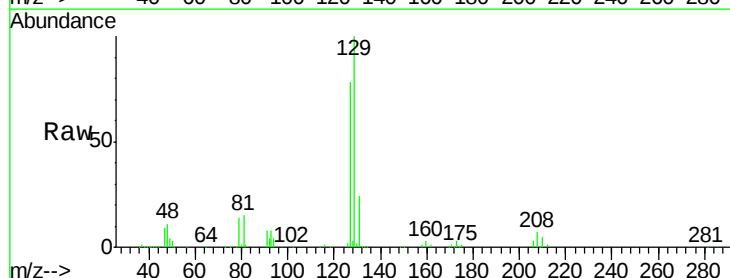
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

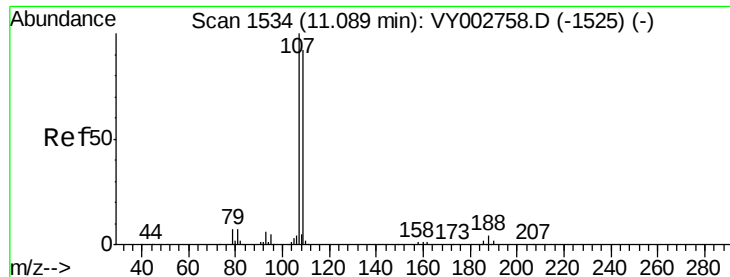
Tot Ion: 43 Resp: 353127
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 54.296 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 129 Resp: 146984
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.107 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

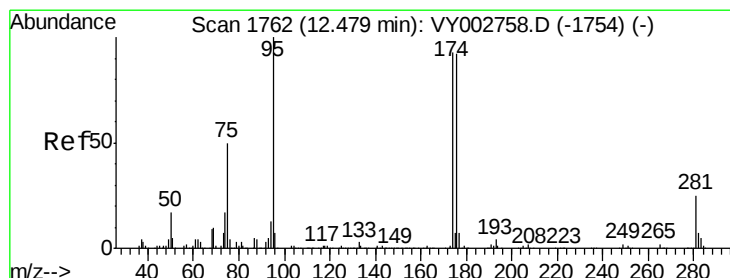
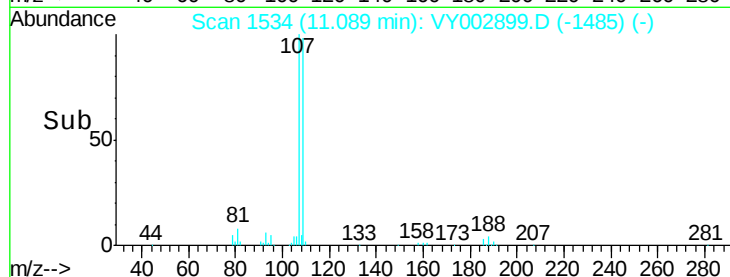
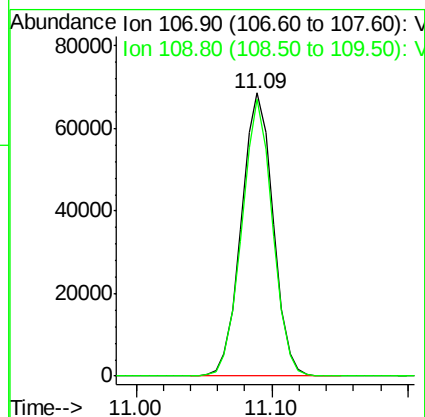
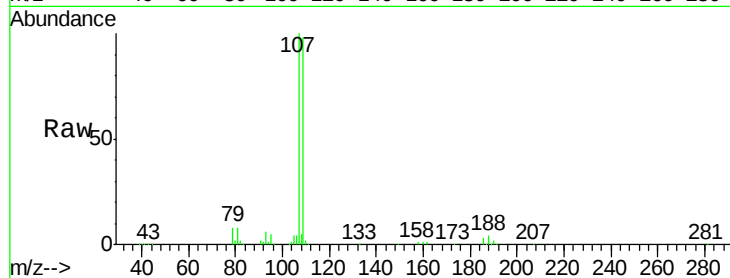
VSTDCCC050EC

Tot Ion:107 Resp: 111859

Ion Ratio Lower Upper

107 100

109 94.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.752 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

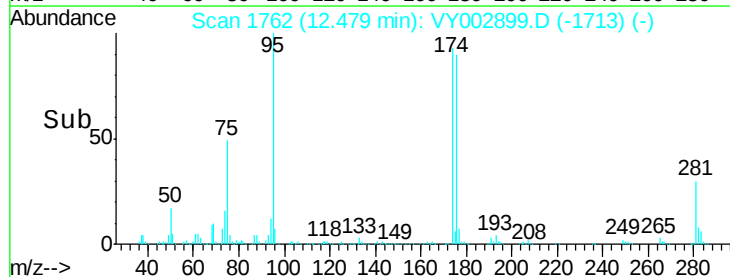
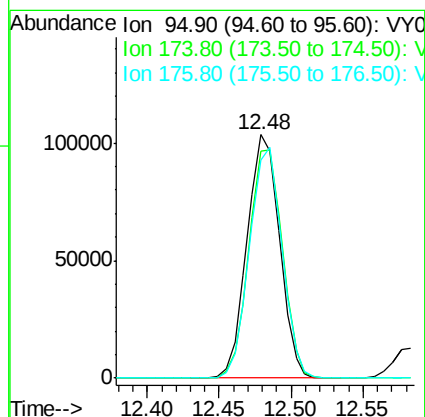
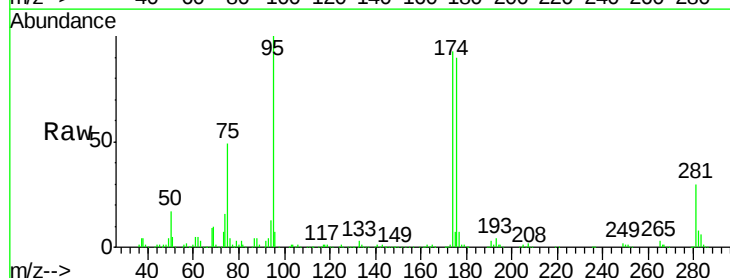
Tgt Ion: 95 Resp: 161699

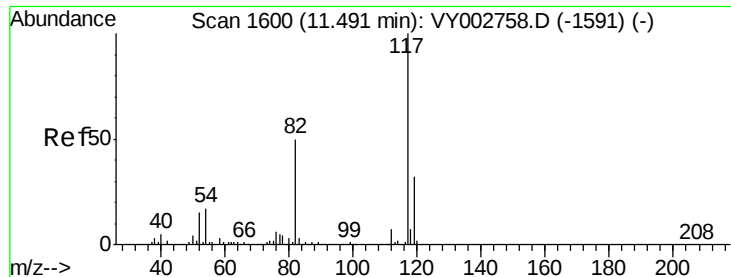
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

176 94.6 0.0 188.8

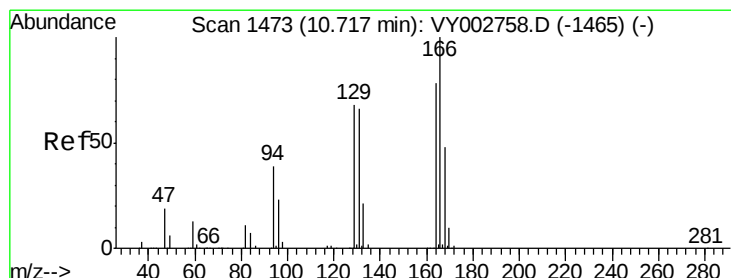
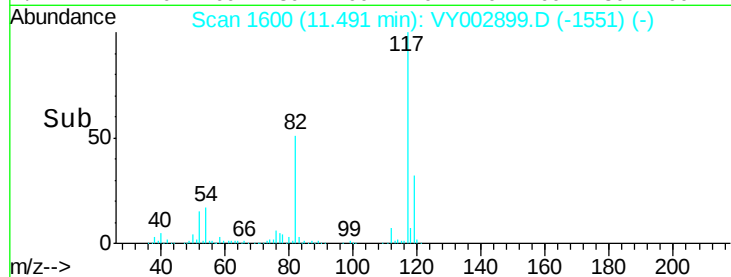
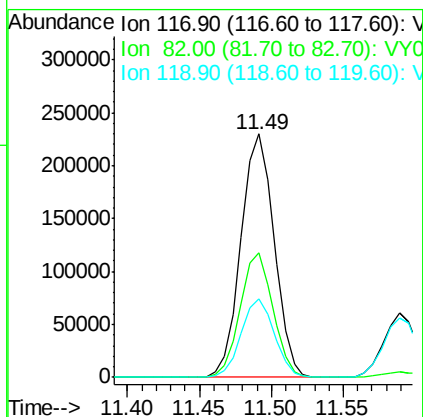
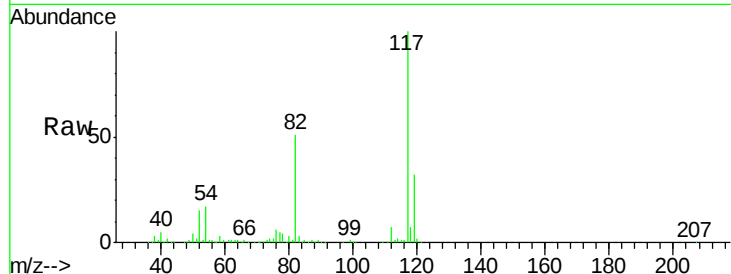




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

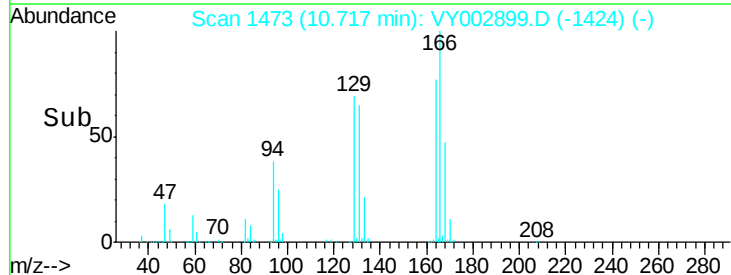
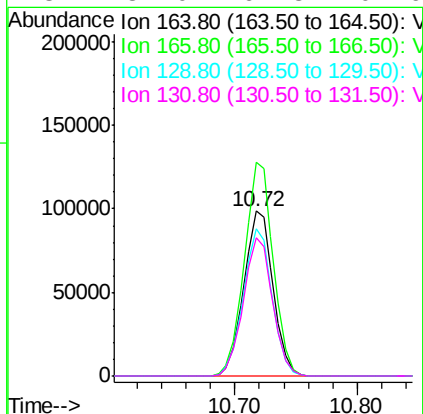
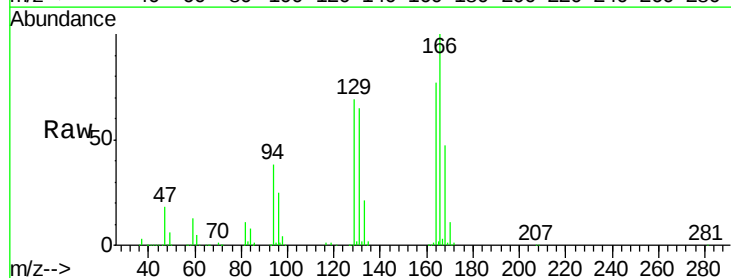
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

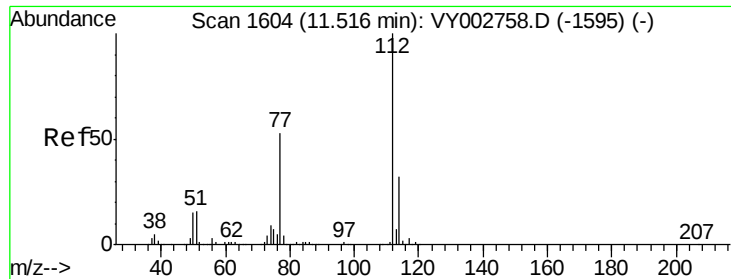
Tot Ion:117 Resp: 368635
Ion Ratio Lower Upper
117 100
82 51.2 40.2 60.4
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 48.829 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion:164 Resp: 163595
Ion Ratio Lower Upper
164 100
166 129.4 102.3 153.5
129 89.5 69.4 104.2
131 84.0 67.8 101.6

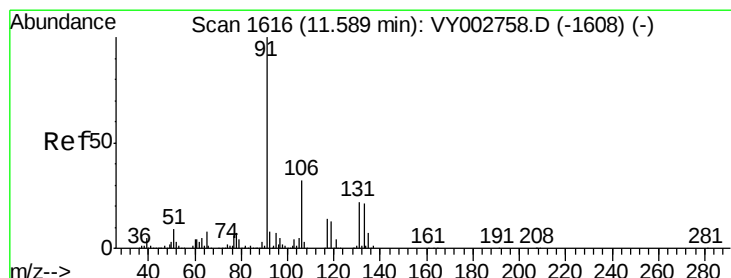
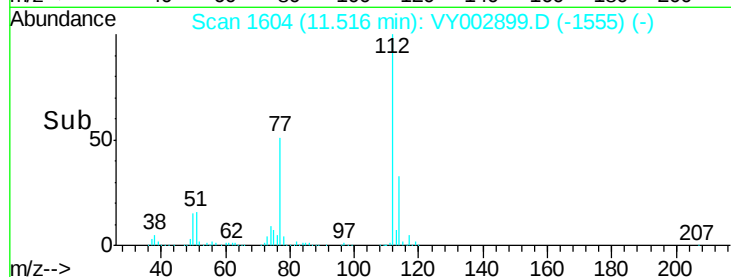
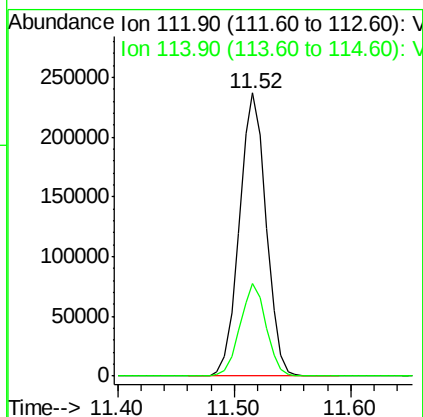
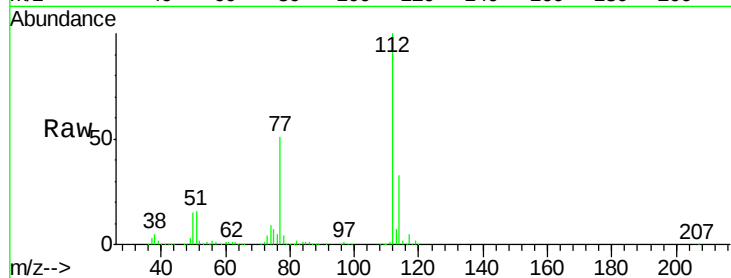




#65
Chlorobenzene
Concen: 52.034 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

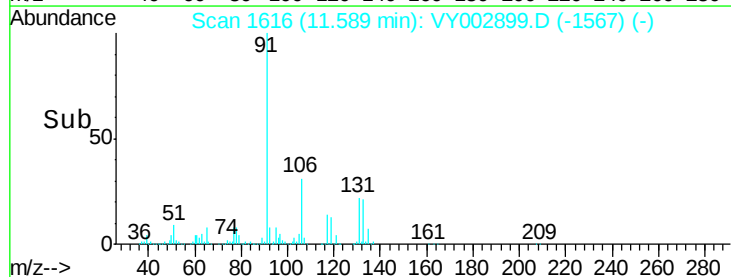
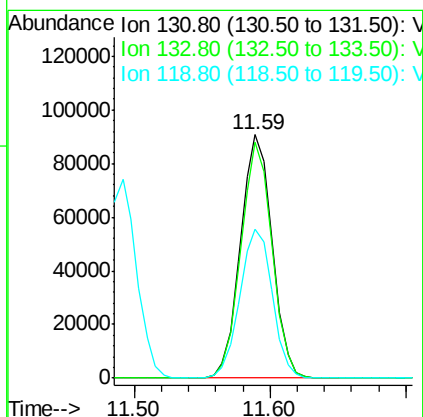
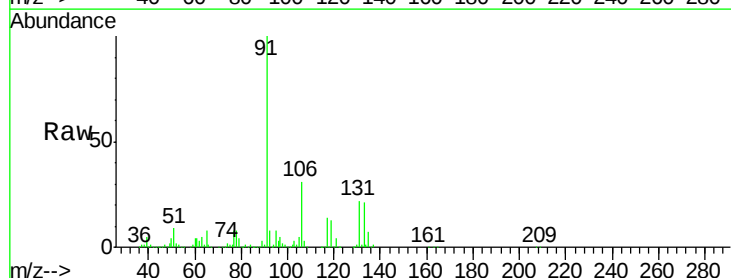
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 379123
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.677 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion:131 Resp: 147295
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 63.0 31.7 95.1

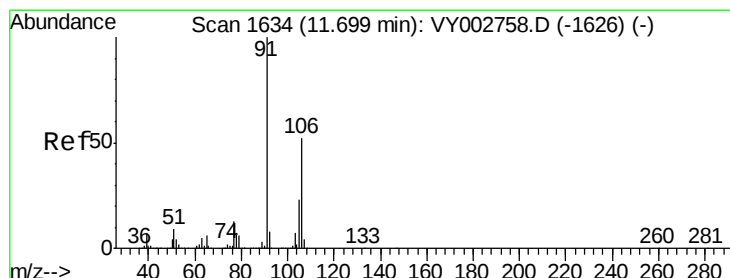
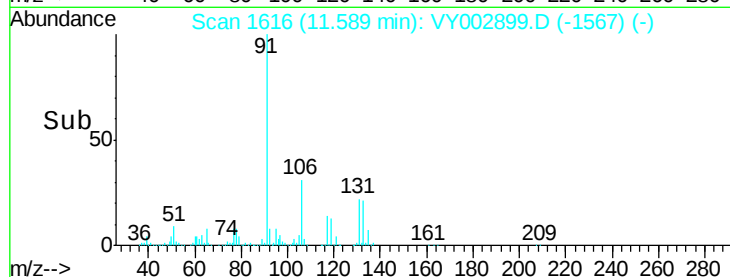
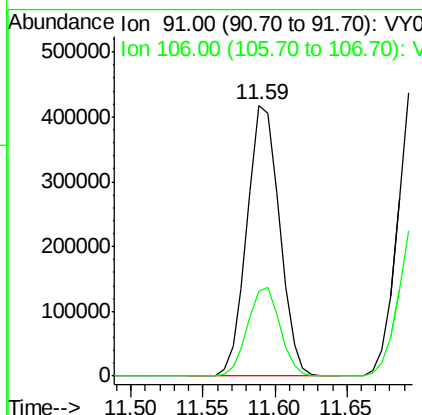
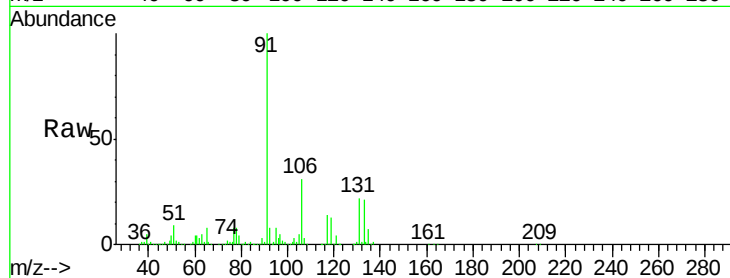




#67
Ethyl Benzene
Concen: 51.754 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

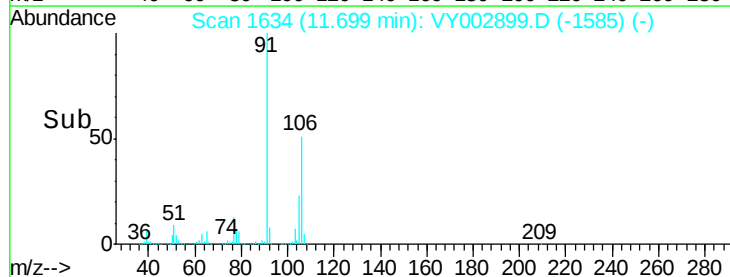
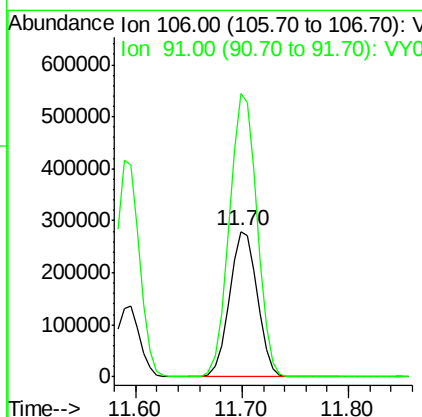
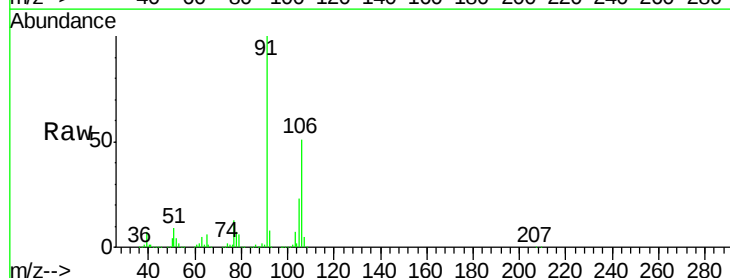
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 653720
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5



#68
m/p-Xylenes
Concen: 104.369 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion: 106 Resp: 511135
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0

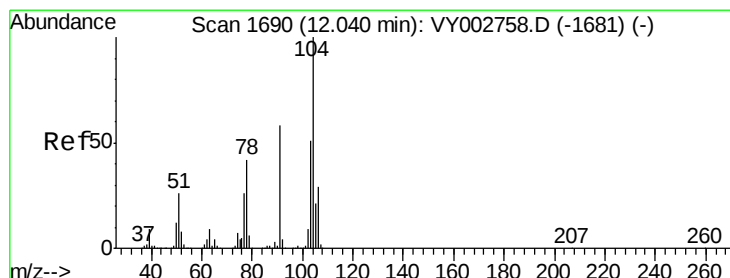
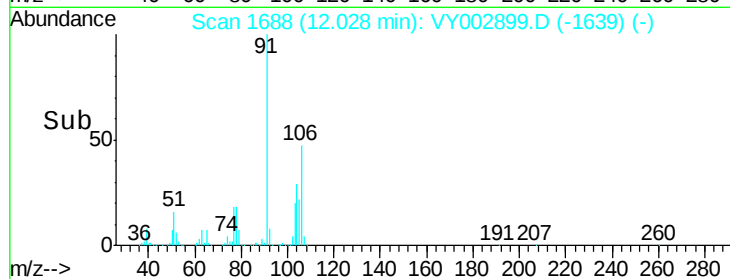
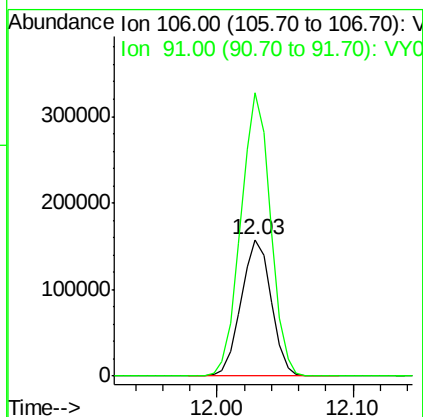
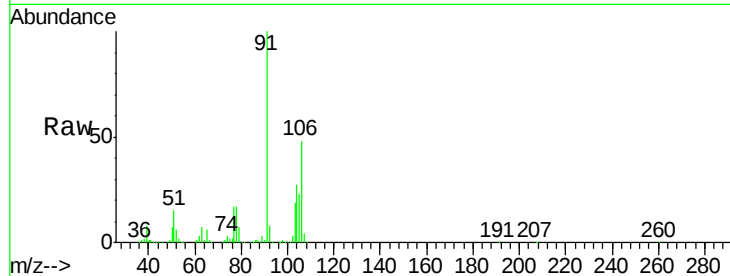




#69
o-Xylene
Concen: 52.794 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

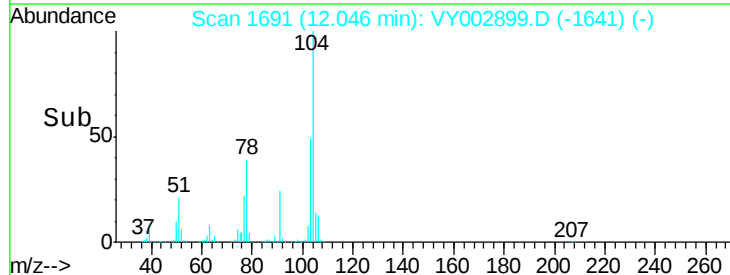
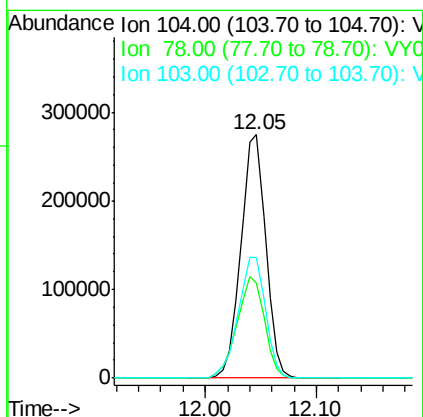
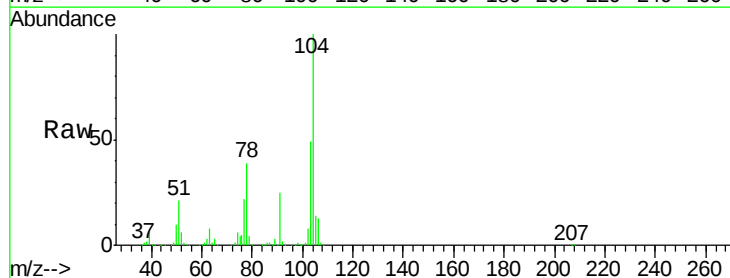
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

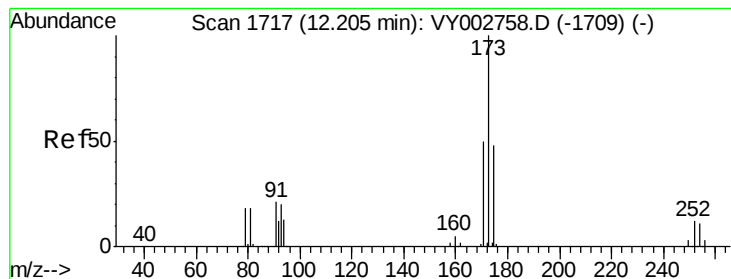
Tot Ion:106 Resp: 244084
Ion Ratio Lower Upper
106 100
91 204.3 102.4 307.1



#70
Styrene
Concen: 53.165 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion:104 Resp: 426099
Ion Ratio Lower Upper
104 100
78 45.7 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 55.243 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

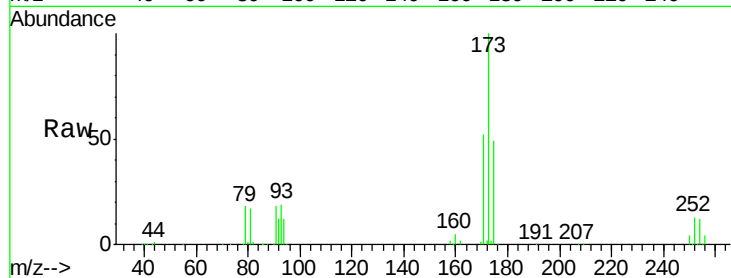
Tot Ion:173 Resp: 101435

Ion Ratio Lower Upper

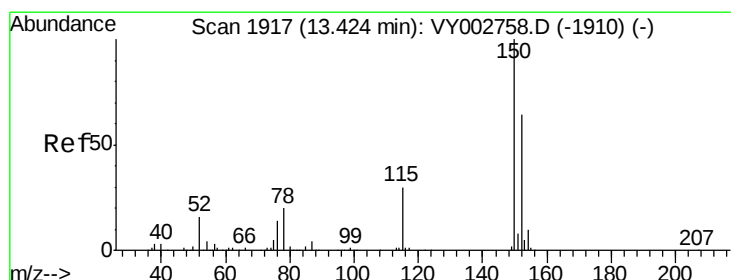
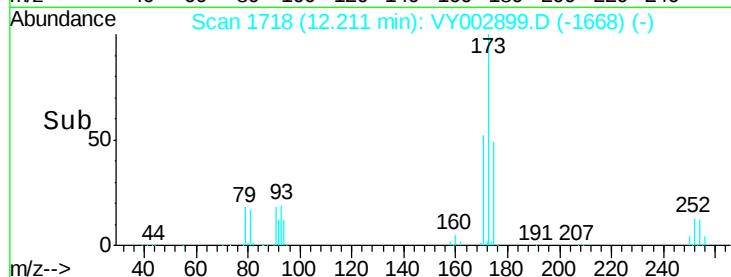
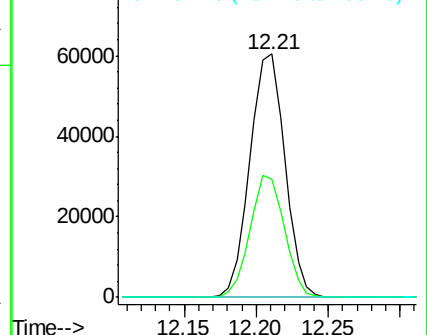
173 100

175 49.2 24.3 72.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

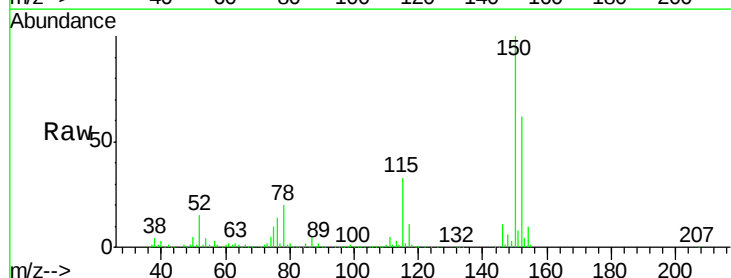
Tgt Ion:152 Resp: 204493

Ion Ratio Lower Upper

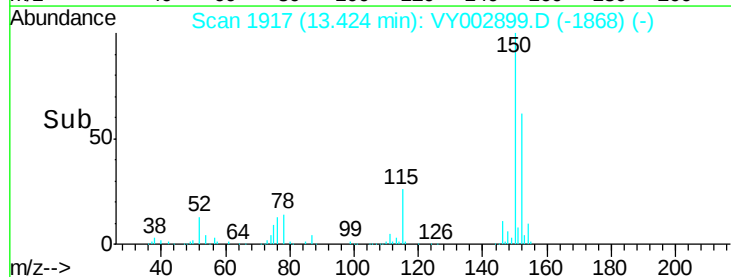
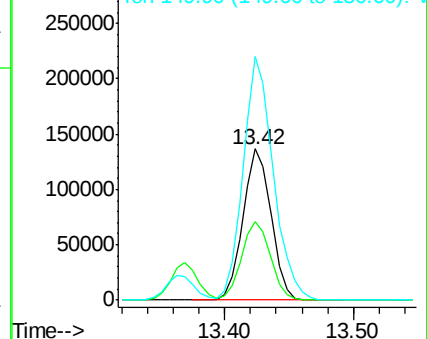
152 100

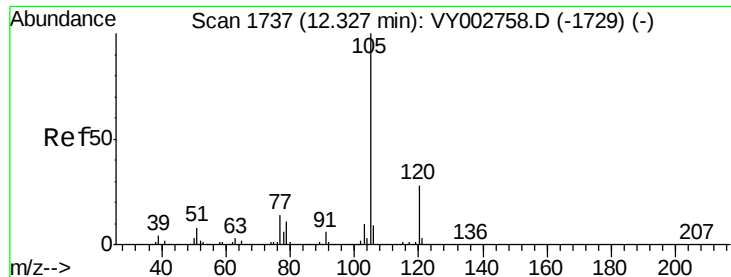
115 53.3 27.0 81.0

150 173.5 0.0 344.8



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





#73

Isopropylbenzene

Concen: 50.801 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

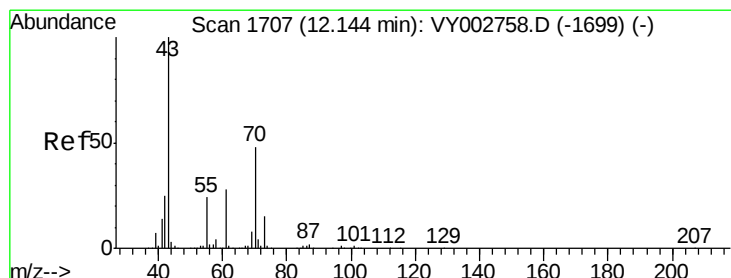
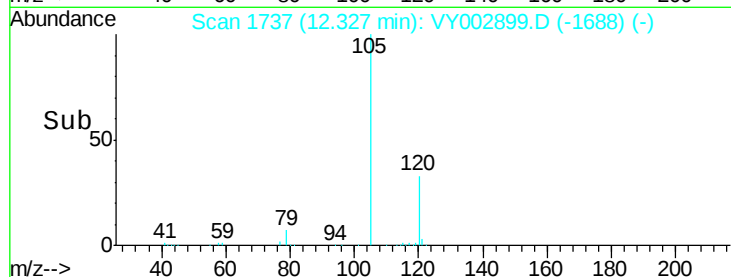
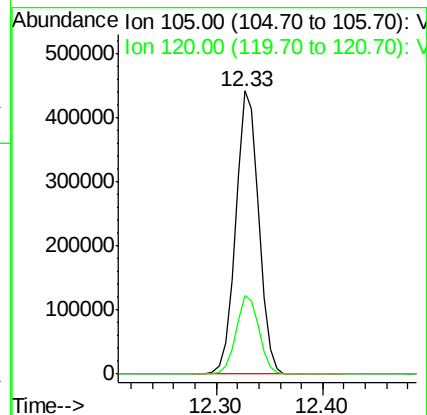
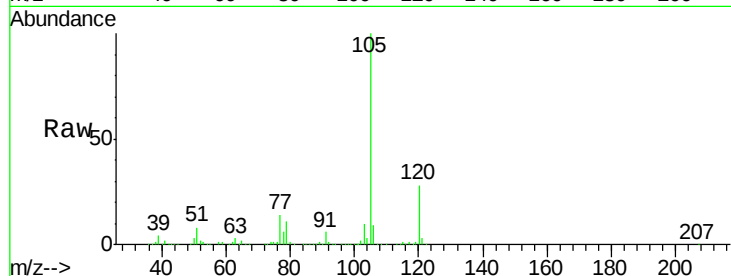
VSTDCCC050EC

Tot Ion:105 Resp: 665739

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1



#74

N-ethyl acetate

Concen: 51.951 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Tgt Ion: 43 Resp: 174684

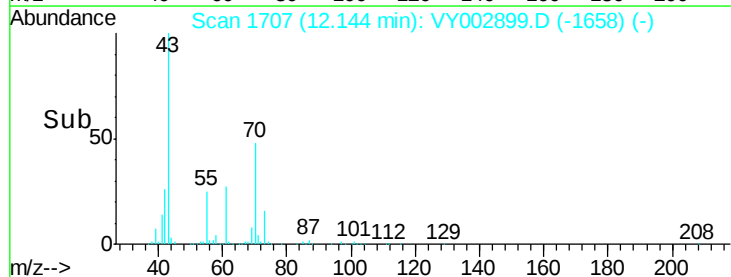
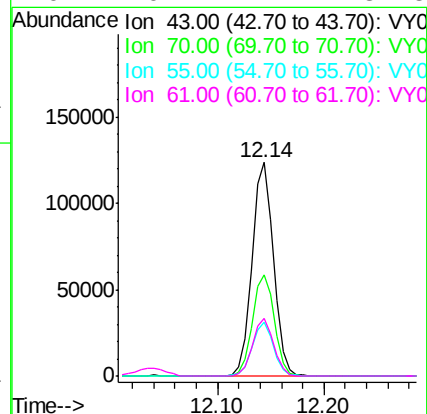
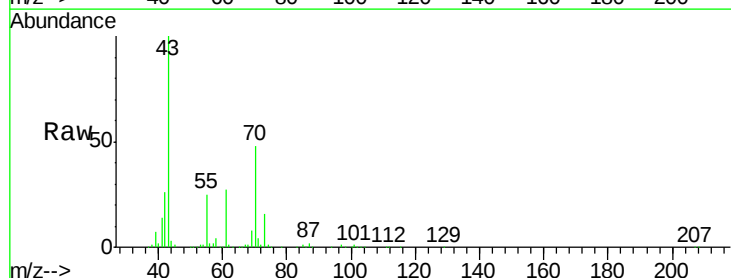
Ion Ratio Lower Upper

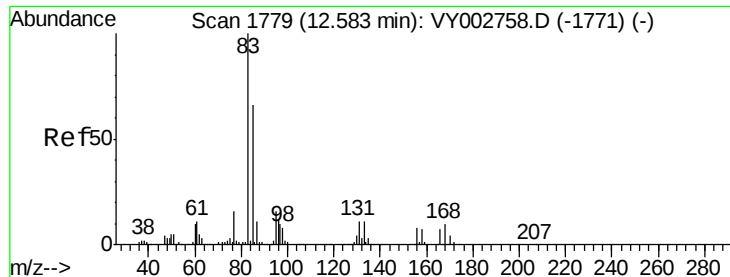
43 100

70 48.3 37.7 56.5

55 25.1 19.8 29.6

61 26.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.487 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

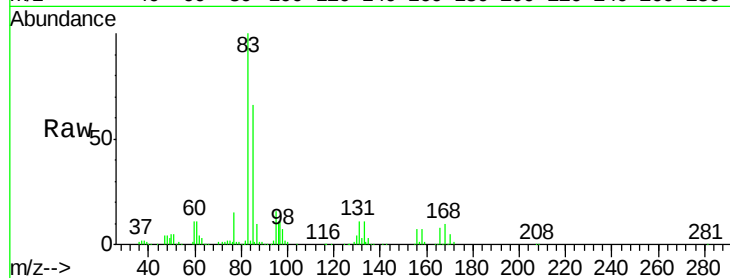
Tot Ion: 83 Resp: 125283

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

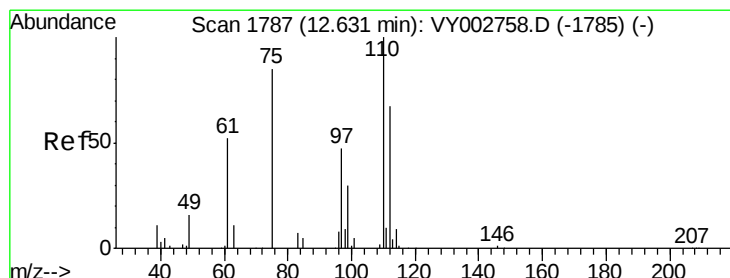
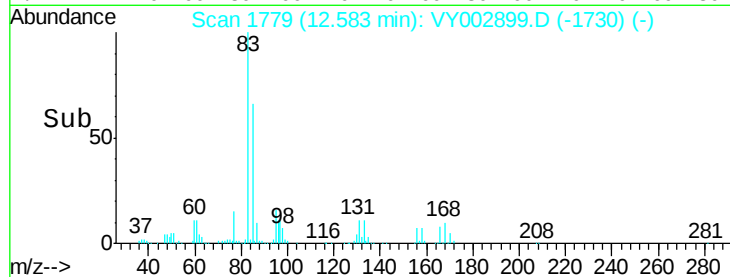
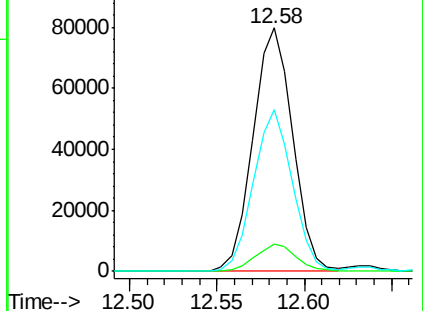
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002899.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002899.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002899.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 98.330 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002899.D

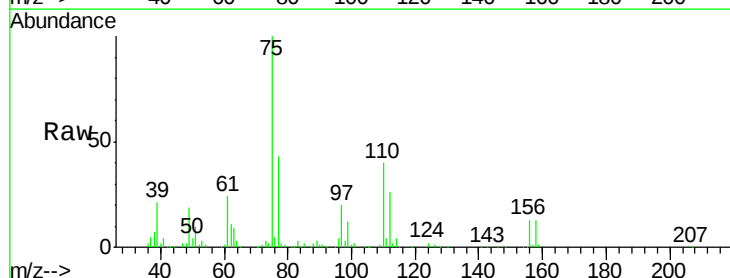
Acq: 15 Jun 2020 16:31

Tgt Ion: 75 Resp: 181185

Ion Ratio Lower Upper

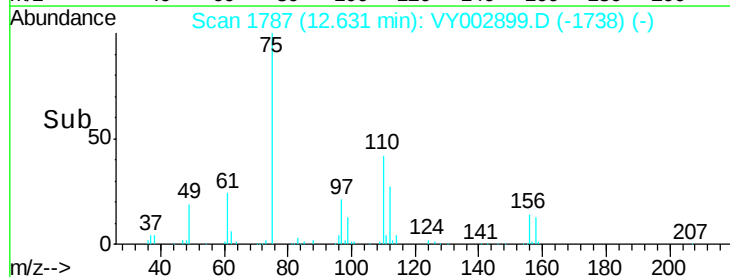
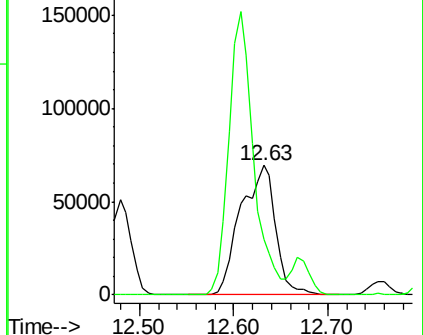
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002899.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002899.D (-1738) (-)





#77

Bromobenzene

Concen: 50.596 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

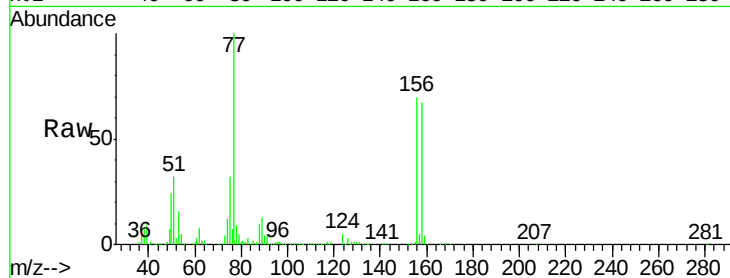
Tot Ion:156 Resp: 172649

Ion Ratio Lower Upper

156 100

77 160.9 81.4 244.2

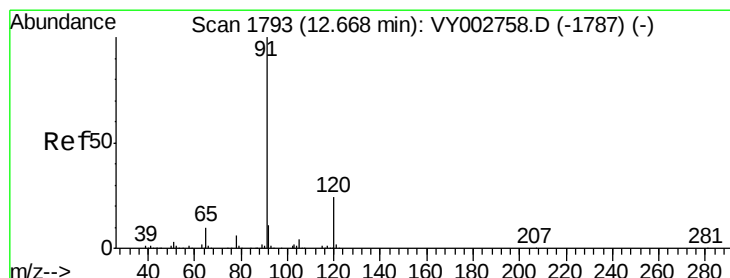
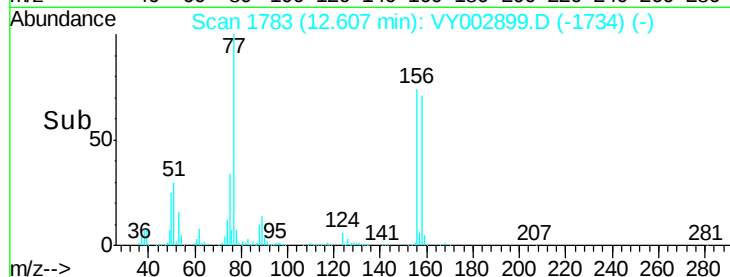
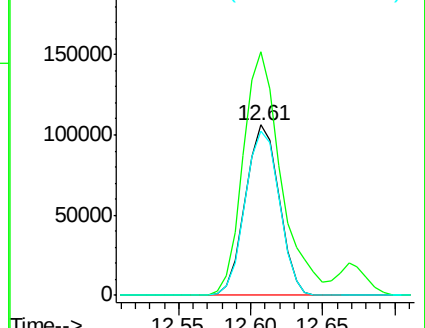
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.901 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002899.D

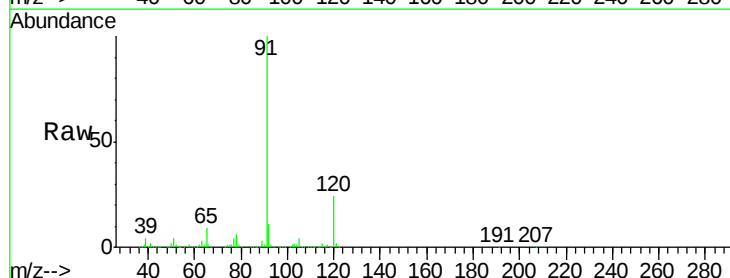
Acq: 15 Jun 2020 16:31

Tgt Ion: 91 Resp: 770517

Ion Ratio Lower Upper

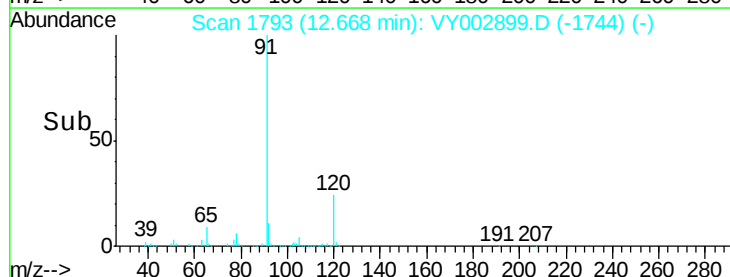
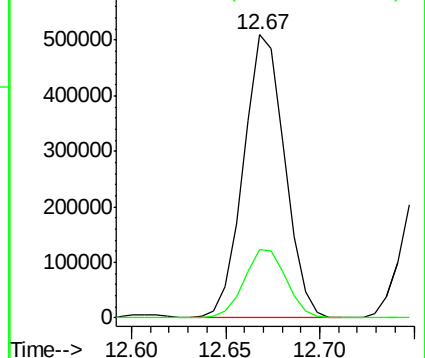
91 100

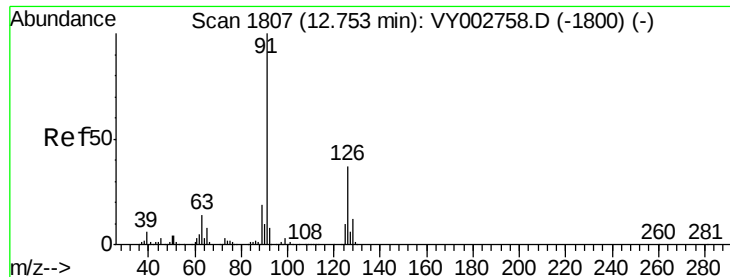
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.460 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

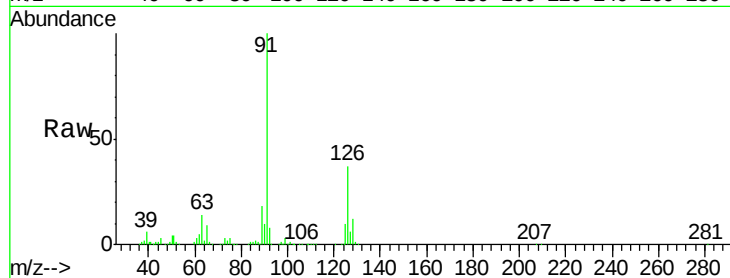
VSTDCCC050EC

Tot Ion: 91 Resp: 428475

Ion Ratio Lower Upper

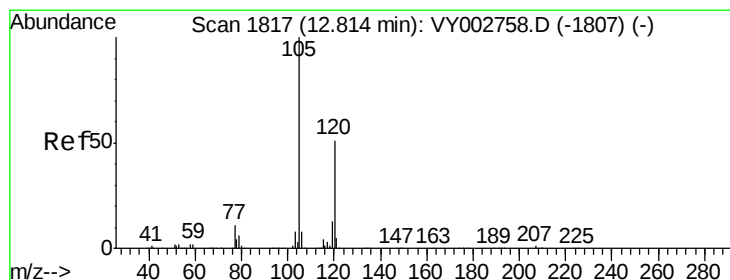
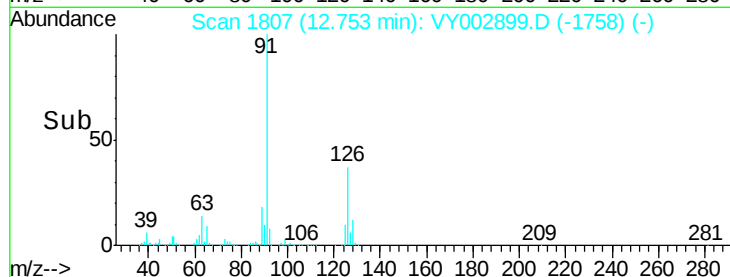
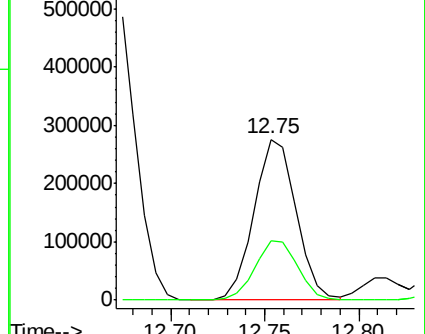
91 100

126 37.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.392 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002899.D

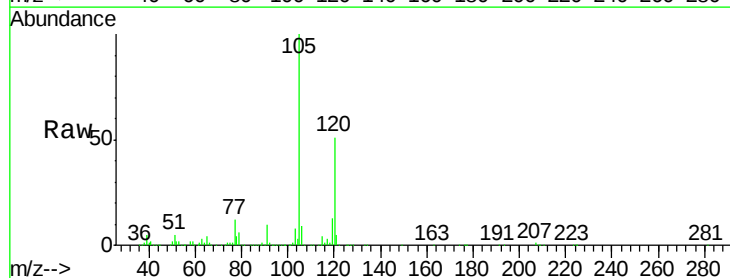
Acq: 15 Jun 2020 16:31

Tgt Ion:105 Resp: 562327

Ion Ratio Lower Upper

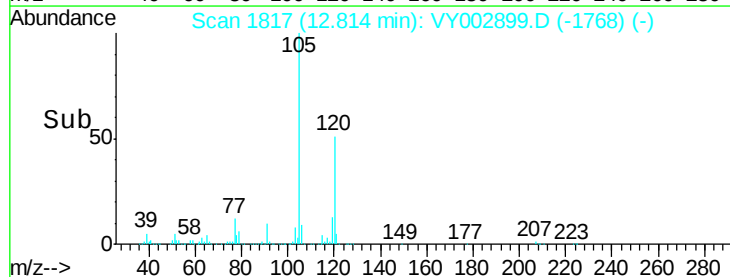
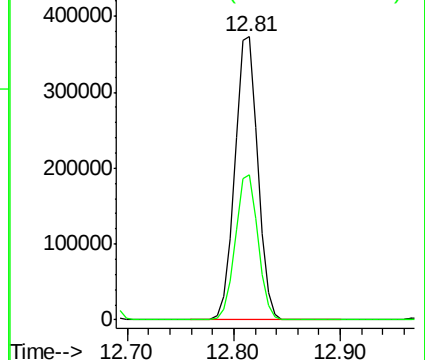
105 100

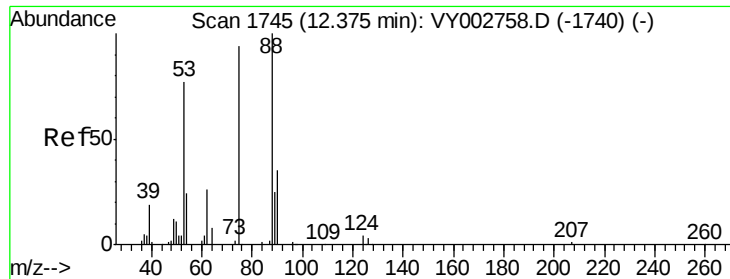
120 51.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.097 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

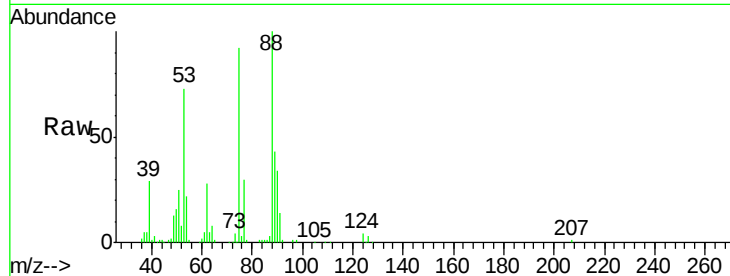
Tot Ion: 75 Resp: 51931

Ion Ratio Lower Upper

75 100

53 79.2 64.0 96.0

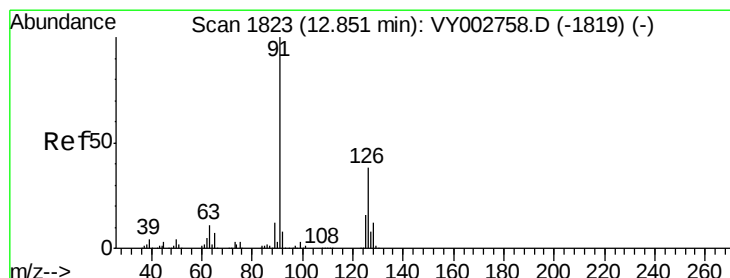
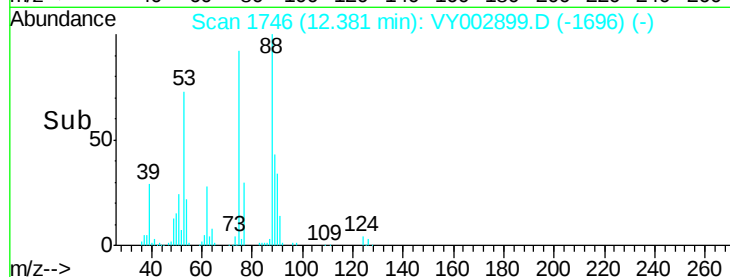
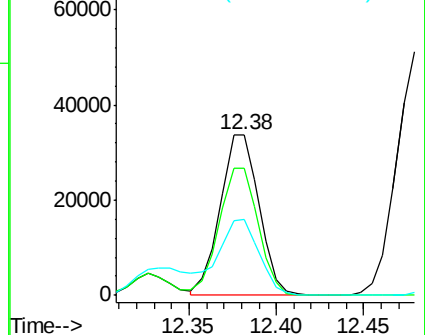
89 50.8 37.4 56.2



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: 50.896 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002899.D

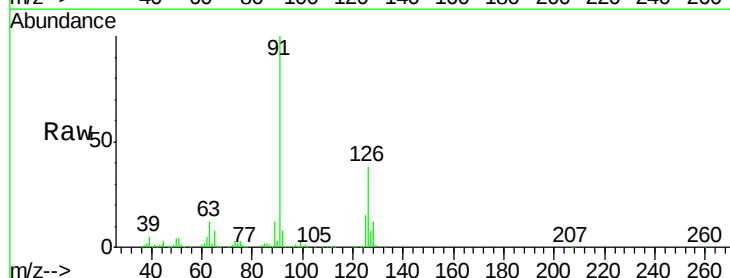
Acq: 15 Jun 2020 16:31

Tgt Ion: 91 Resp: 452801

Ion Ratio Lower Upper

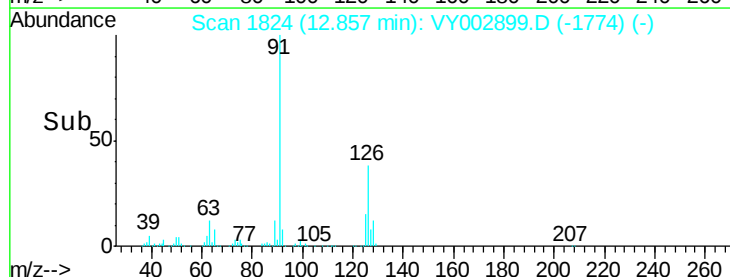
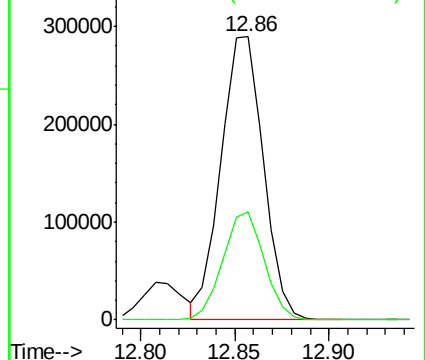
91 100

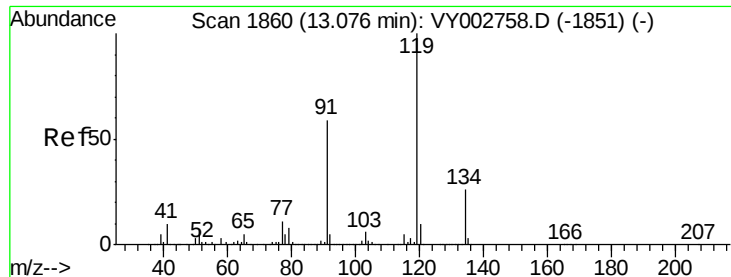
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

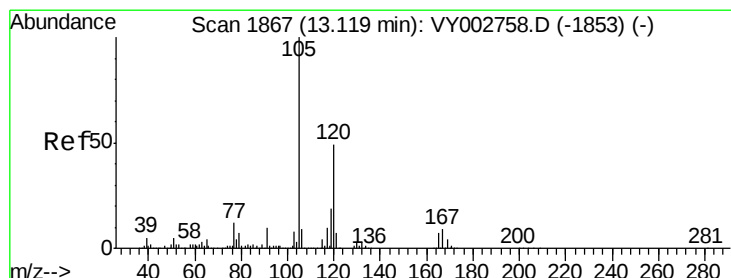
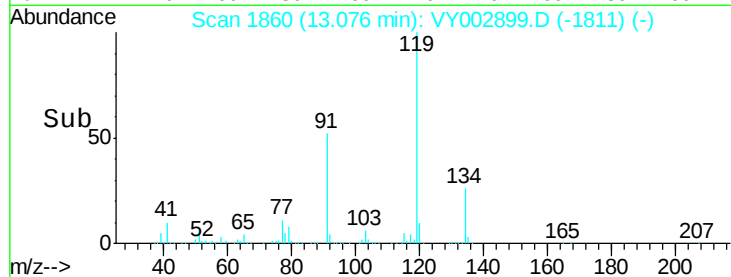
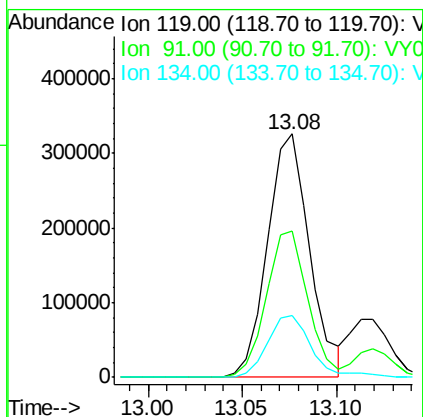
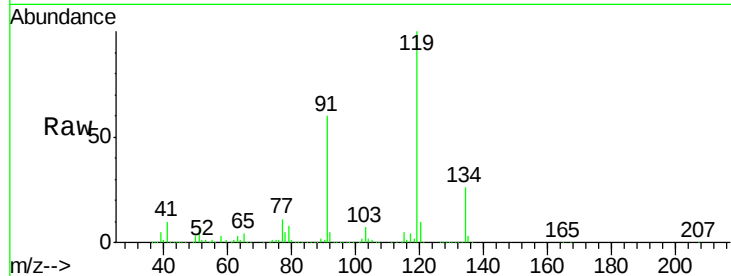




#83
 tert-Butylbenzene
 Concen: 51.753 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

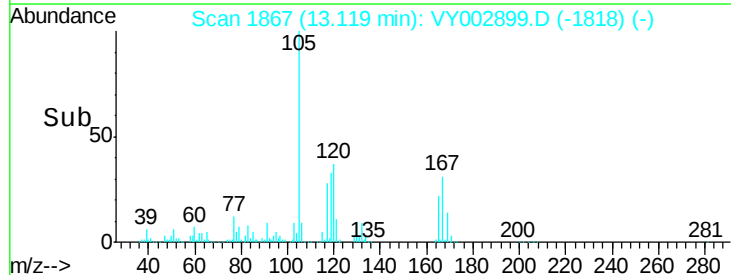
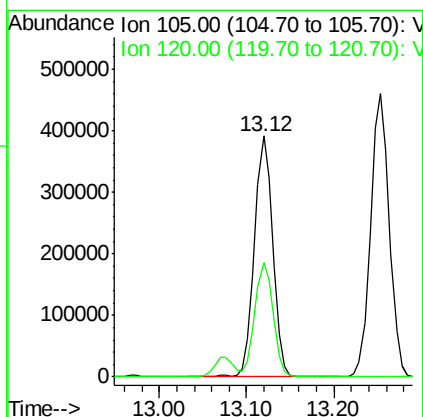
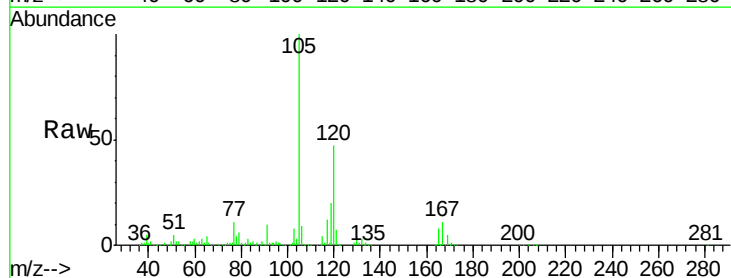
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

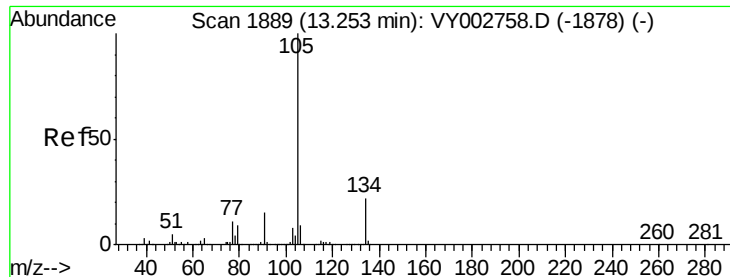
Tot Ion:119 Resp: 505125
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.8 89.4
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.472 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion:105 Resp: 566301
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.6 70.8





#85

sec-Butylbenzene

Concen: 51.315 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

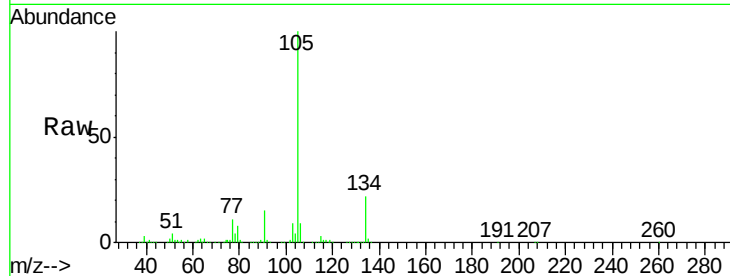
VSTDCCC050EC

Tot Ion:105 Resp: 684820

Ion Ratio Lower Upper

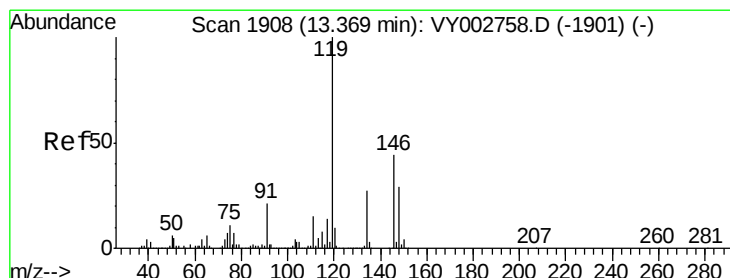
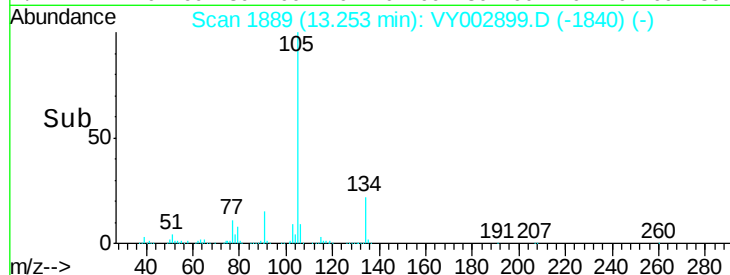
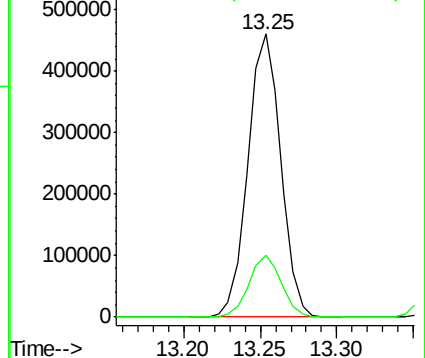
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.353 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

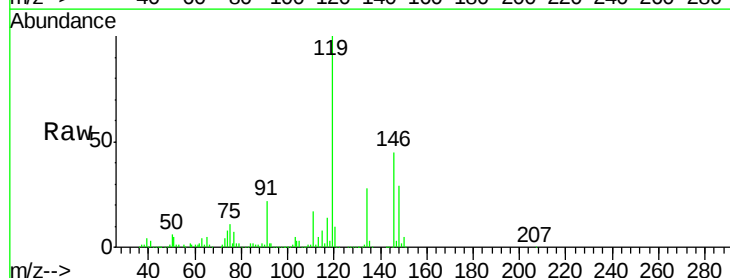
Tgt Ion:119 Resp: 650108

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

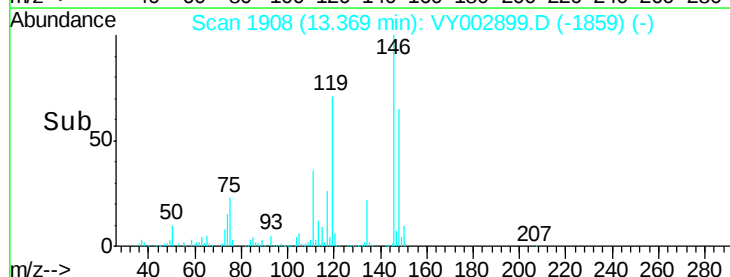
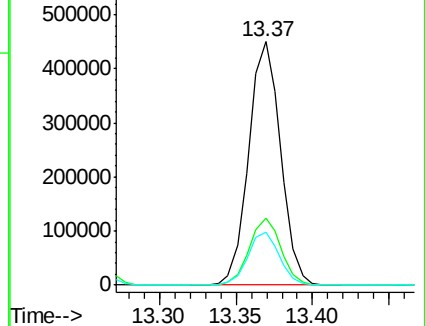
91 21.6 10.8 32.4

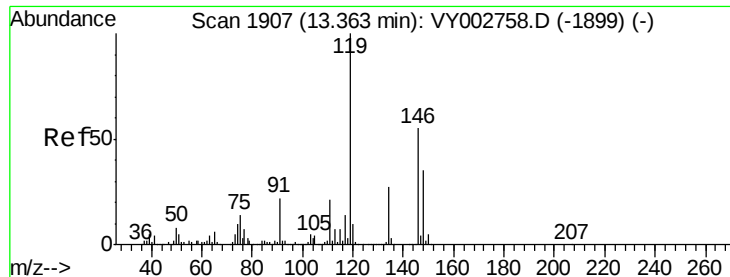


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

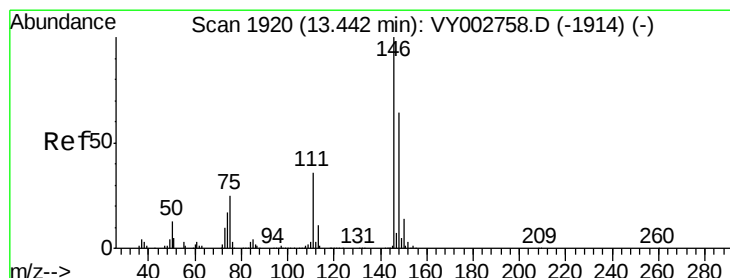
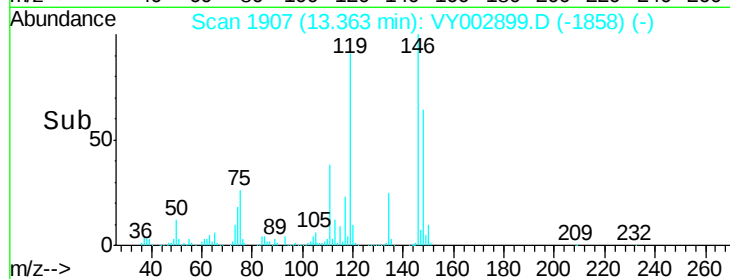
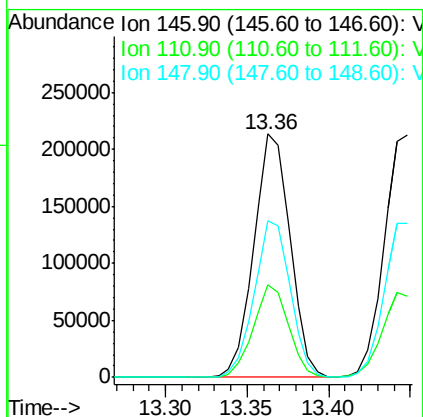
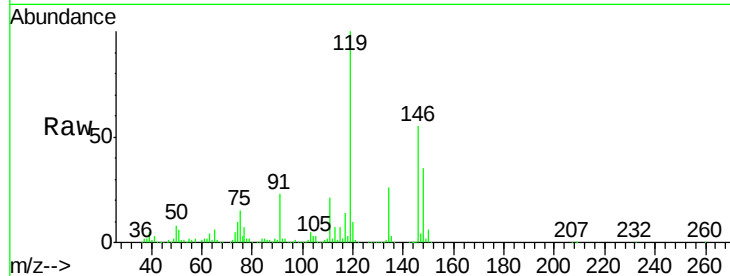




#87
 1,3-Dichlorobenzene
 Concen: 51.115 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

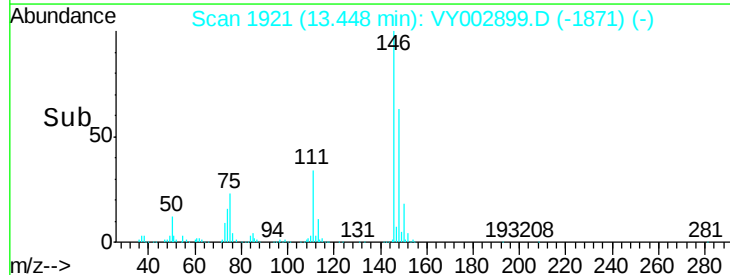
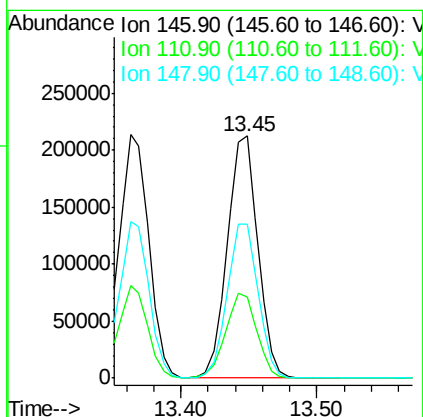
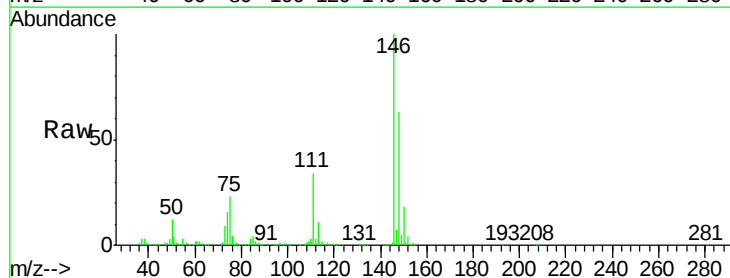
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 330383
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.0
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 51.186 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion:146 Resp: 330956
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.3
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 51.236 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002899.D

Acq: 15 Jun 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

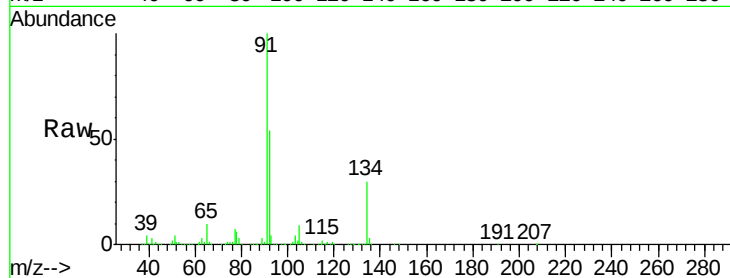
Tot Ion: 91 Resp: 577638

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

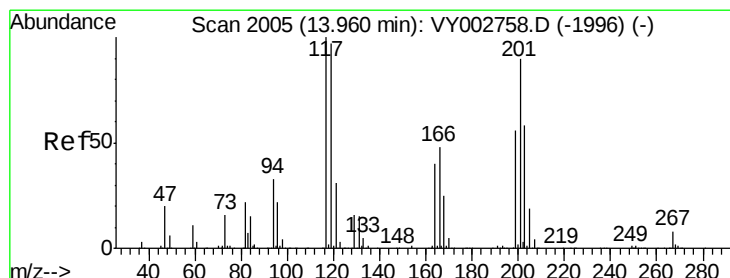
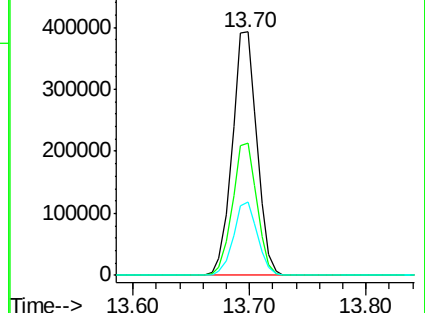
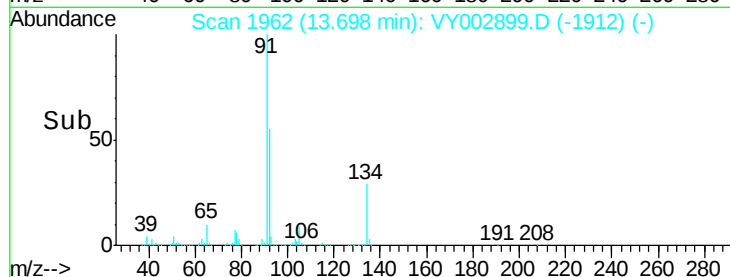
134 29.4 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002899.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002899.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002899.D (-1912) (-)



#90

Hexachloroethane

Concen: 52.226 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002899.D

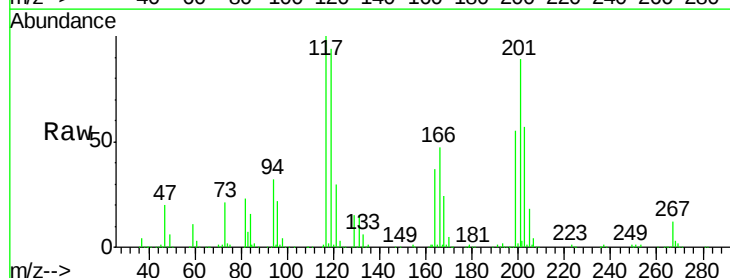
Acq: 15 Jun 2020 16:31

Tgt Ion: 117 Resp: 121412

Ion Ratio Lower Upper

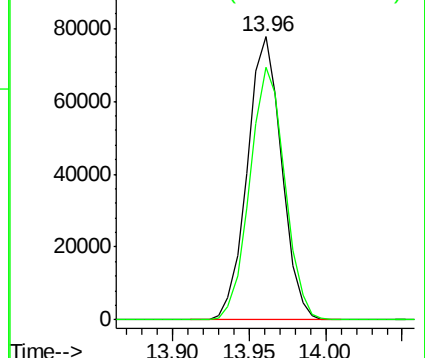
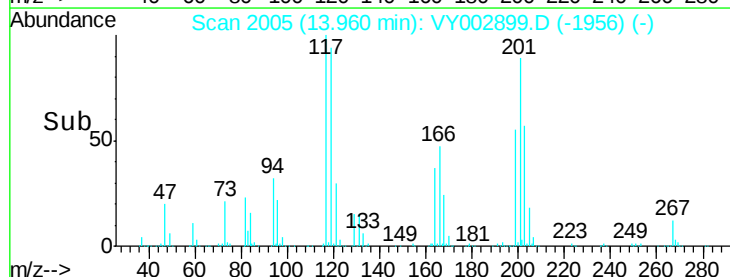
117 100

201 90.7 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002899.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002899.D (-1956) (-)

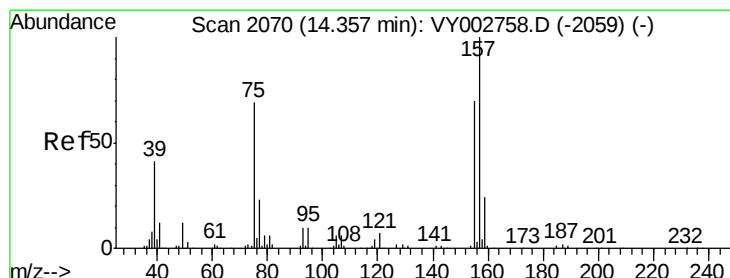
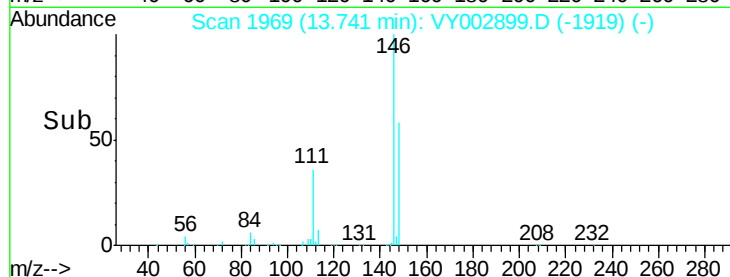
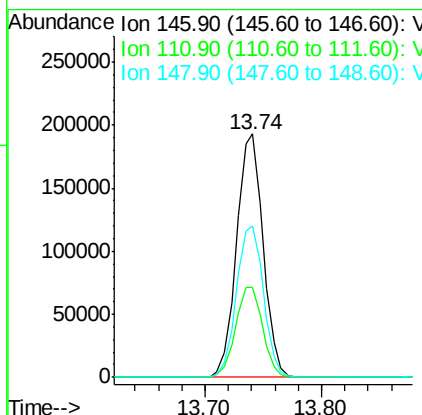
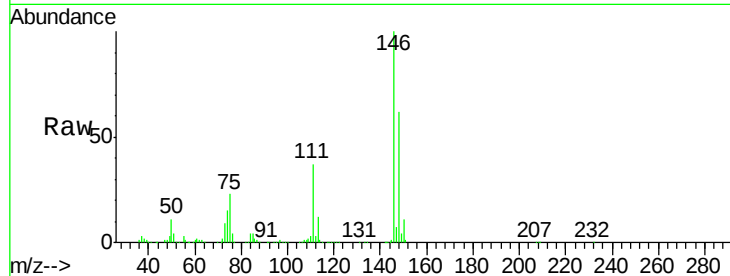




#91
 1,2-Dichlorobenzene
 Concen: 52.088 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

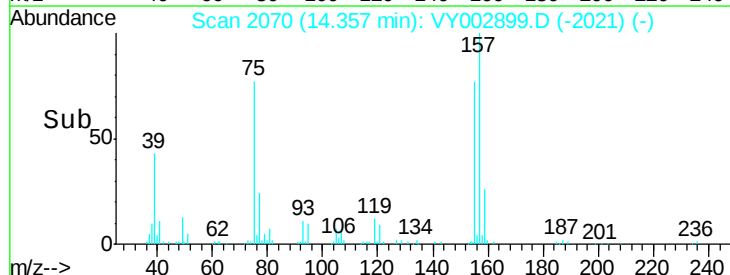
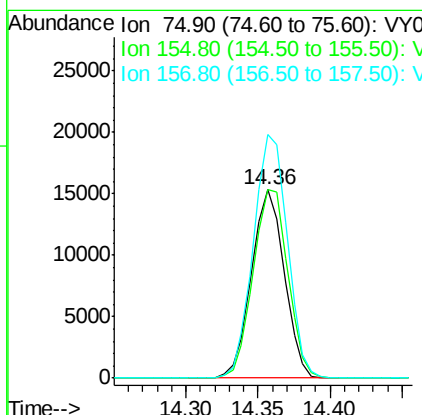
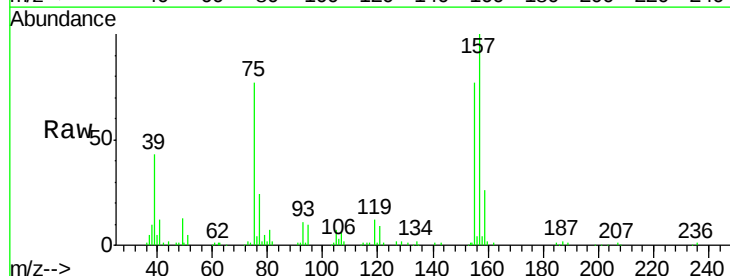
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

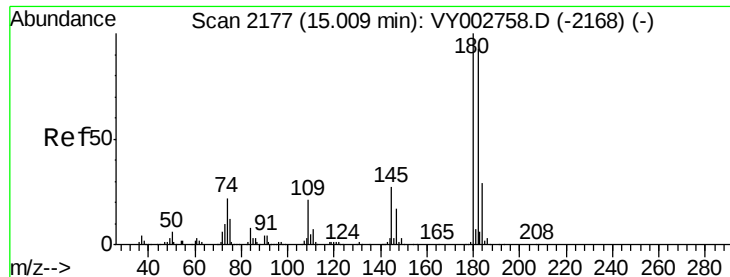
Tot Ion:146 Resp: 305332
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.638 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion: 75 Resp: 24170
 Ion Ratio Lower Upper
 75 100
 155 105.5 53.5 160.5
 157 133.7 69.9 209.7

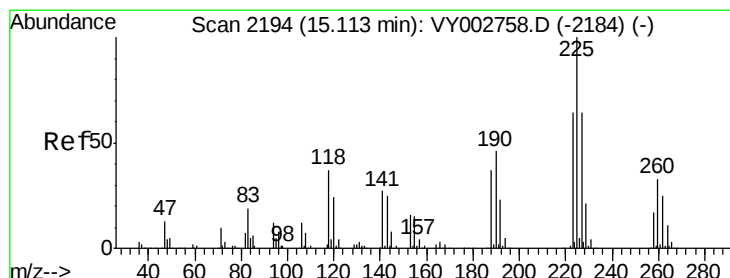
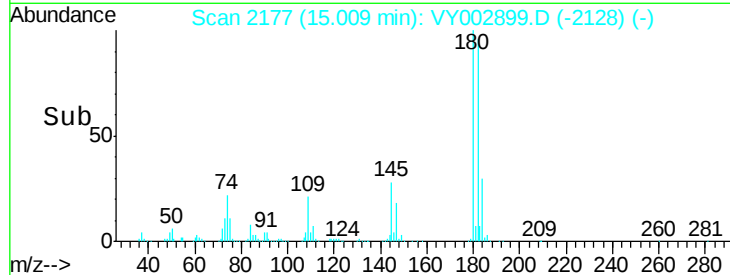
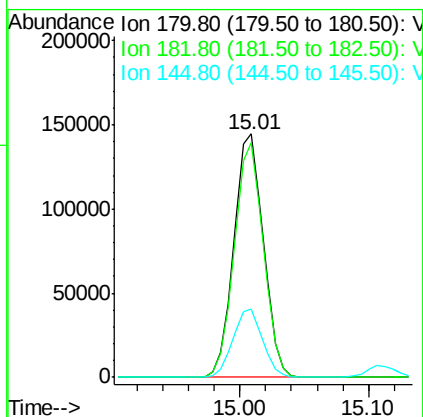
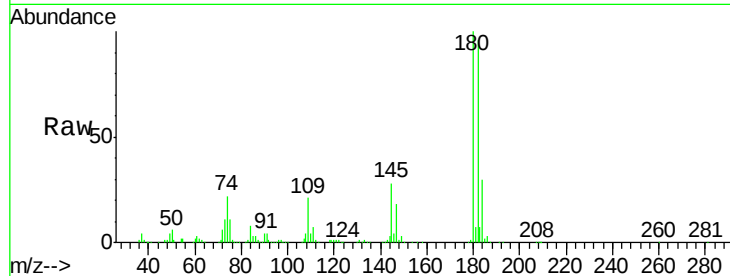




#93
 1,2,4-Trichlorobenzene
 Concen: 52.053 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

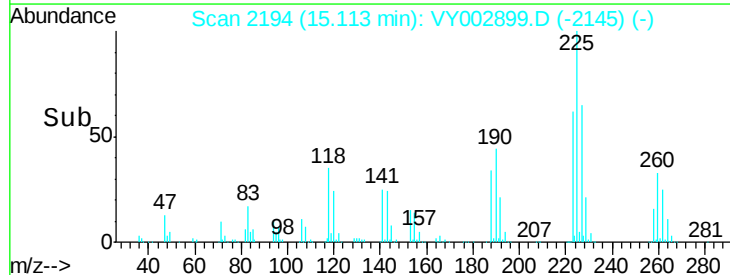
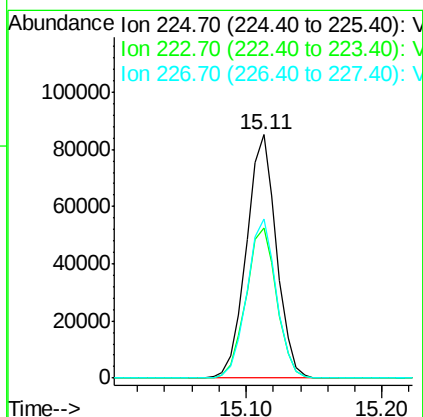
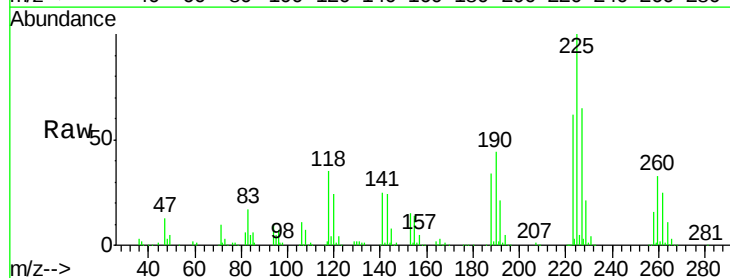
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

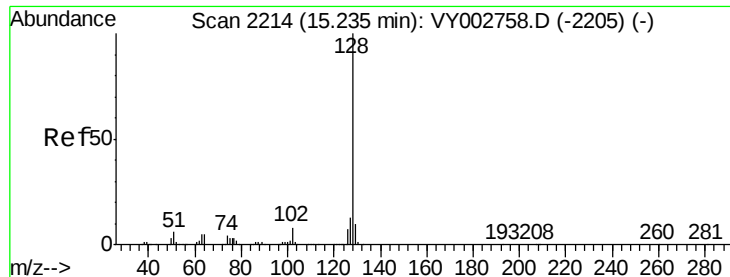
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	28.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 52.241 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002899.D
 Acq: 15 Jun 2020 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	95.0
227	64.5	32.3	96.9

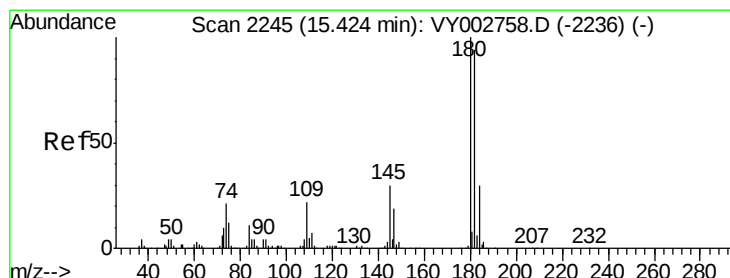
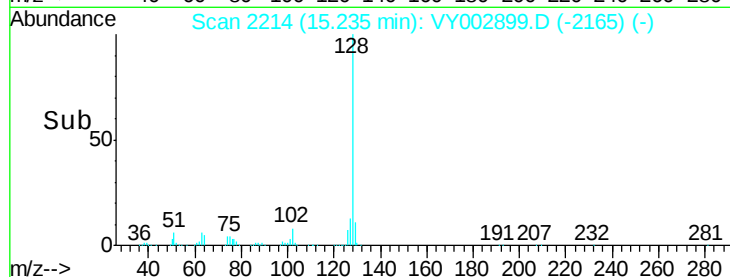
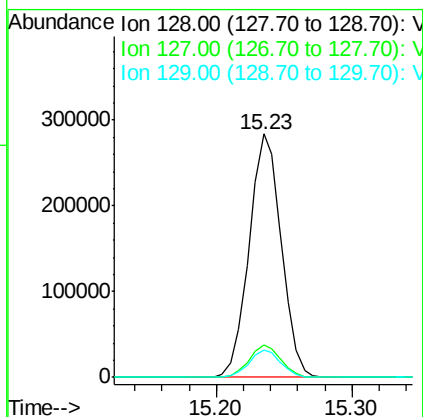
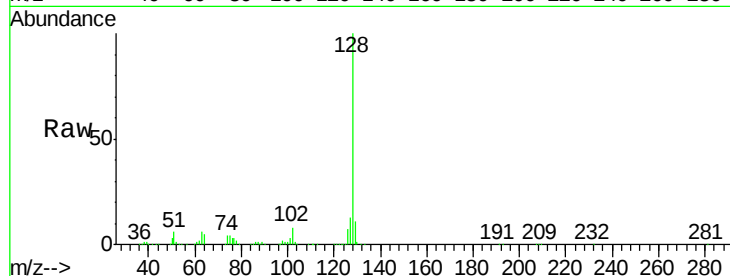




#95
Naphthalene
Concen: 53.095 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 470362
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.233 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002899.D
Acq: 15 Jun 2020 16:31

Tgt Ion:180 Resp: 206086
Ion Ratio Lower Upper
180 100
182 96.5 48.1 144.4
145 30.3 15.1 45.3

