

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002710.D
 Acq On : 18 May 2020 15:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 19 01:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	386169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	573768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	520530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	268132	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	148125	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	7.72	113	160655	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.18	98	640503	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.48	95	216052	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	127824	46.193	ug/l	99
3) Chloromethane	2.12	50	148040	46.713	ug/l	100
4) Vinyl Chloride	2.26	62	158852	48.104	ug/l	100
5) Bromomethane	2.65	94	116038	47.410	ug/l	98
6) Chloroethane	2.80	64	98940	46.852	ug/l	99
7) Trichlorofluoromethane	3.13	101	255764	45.958	ug/l	96
8) Diethyl Ether	3.54	74	88880	46.948	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	158269	46.915	ug/l	99
10) Methyl Iodide	4.10	142	220416	47.468	ug/l	99
11) Tert butyl alcohol	4.96	59	61804	201.469	ug/l	99
12) 1,1-Dichloroethene	3.88	96	159508	47.091	ug/l	100
13) Acrolein	3.74	56	90240	250.803	ug/l	97
14) Allyl chloride	4.49	41	234783	48.281	ug/l	99
15) Acrylonitrile	5.17	53	196098	228.760	ug/l	99
16) Acetone	3.95	43	139325	223.746	ug/l	100
17) Carbon Disulfide	4.20	76	498978	46.963	ug/l	99
18) Methyl Acetate	4.49	43	81127	45.694	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	395205	47.038	ug/l	99
20) Methylene Chloride	4.72	84	171390	45.533	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	180069	47.808	ug/l	95
22) Diisopropyl ether	6.13	45	469833	48.698	ug/l	97
23) Vinyl Acetate	6.07	43	1476646	239.025	ug/l	99
24) 1,1-Dichloroethane	6.03	63	281533	48.834	ug/l	100
25) 2-Butanone	6.99	43	229517	222.773	ug/l	99
26) 2,2-Dichloropropane	6.99	77	248350	46.299	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	193161	47.462	ug/l	99
28) Bromochloromethane	7.34	49	106987	46.911	ug/l	99
29) Tetrahydrofuran	7.35	42	157770	225.067	ug/l	99
30) Chloroform	7.51	83	285259	47.675	ug/l	97
31) Cyclohexane	7.79	56	259079	44.308	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	261162	47.237	ug/l	100
36) 1,1-Dichloropropene	7.93	75	228588	47.061	ug/l	99
37) Ethyl Acetate	7.08	43	106701	44.663	ug/l	99
38) Carbon Tetrachloride	7.90	117	244683	46.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	300754	46.050	ug/l	99
40) Benzene	8.16	78	670154	47.286	ug/l	98
41) Methacrylonitrile	7.33	41	71180m	49.592	ug/l	
42) 1,2-Dichloroethane	8.24	62	170482	45.609	ug/l	98
43) Isopropyl Acetate	8.28	43	207304	46.692	ug/l	99
44) Trichloroethene	8.94	130	213077	47.167	ug/l	96
45) 1,2-Dichloropropane	9.22	63	161671	48.065	ug/l	98
46) Dibromomethane	9.31	93	89520	47.371	ug/l	99
47) Bromodichloromethane	9.50	83	218840	47.449	ug/l	97
48) Methyl methacrylate	9.30	41	92899	45.444	ug/l	98
49) 1,4-Dioxane	9.30	88	22524	875.127	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	527846	230.272	ug/l	99
52) Toluene	10.24	92	428727	46.745	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	232371	47.204	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	272038	47.669	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131411	46.708	ug/l	97
56) Ethyl methacrylate	10.51	69	177282	47.332	ug/l	99
57) 1,3-Dichloropropane	10.79	76	220185	46.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446868	241.675	ug/l	100
59) 2-Hexanone	10.83	43	364169	228.029	ug/l	99
60) Dibromochloromethane	10.99	129	169180	47.069	ug/l	99
61) 1,2-Dibromoethane	11.09	107	129880	46.856	ug/l	99
64) Tetrachloroethene	10.72	164	236310	47.819	ug/l	99
65) Chlorobenzene	11.52	112	475177	47.241	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	177584	47.570	ug/l	99
67) Ethyl Benzene	11.59	91	833435	47.191	ug/l	98
68) m/p-Xylenes	11.70	106	646014	94.020	ug/l	100
69) o-Xylene	12.03	106	306338	47.502	ug/l	98
70) Styrene	12.04	104	527189	47.613	ug/l	99
71) Bromoform	12.21	173	107277	46.489	ug/l	99
73) Isopropylbenzene	12.33	105	831776	47.475	ug/l	100
74) N-amyl acetate	12.14	43	194092	47.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	118100	45.775	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	103398m	46.943	ug/l	
77) Bromobenzene	12.61	156	207052	47.270	ug/l	99
78) n-propylbenzene	12.67	91	965088	47.351	ug/l	100
79) 2-Chlorotoluene	12.75	91	532919	47.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	691253	46.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53232	45.706	ug/l #	79
82) 4-Chlorotoluene	12.85	91	557029	47.042	ug/l	99
83) tert-Butylbenzene	13.08	119	611700	46.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	691970	47.032	ug/l	100
85) sec-Butylbenzene	13.25	105	841497	46.806	ug/l	100
86) p-Isopropyltoluene	13.37	119	788893	46.879	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392564	46.483	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	390246	46.413	ug/l	99
89) n-Butylbenzene	13.70	91	718967	46.523	ug/l	99
90) Hexachloroethane	13.96	117	147051	47.178	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	349507	46.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21972	44.410	ug/l	100

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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
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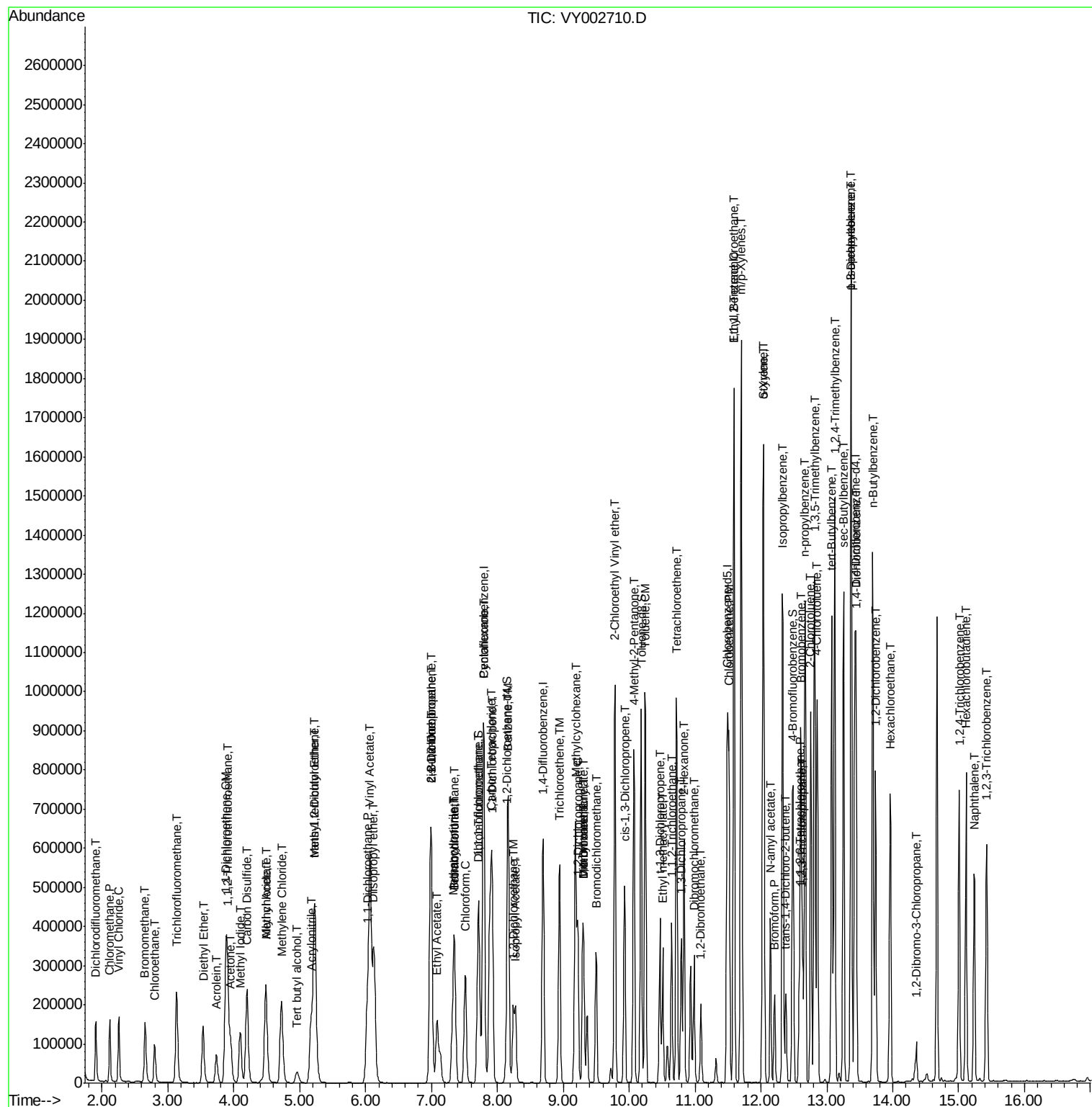
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	252530	46.017	ug/l	99
94) Hexachlorobutadiene	15.11	225	155145	47.430	ug/l	99
95) Naphthalene	15.23	128	445346	42.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	211205	45.123	ug/l	100

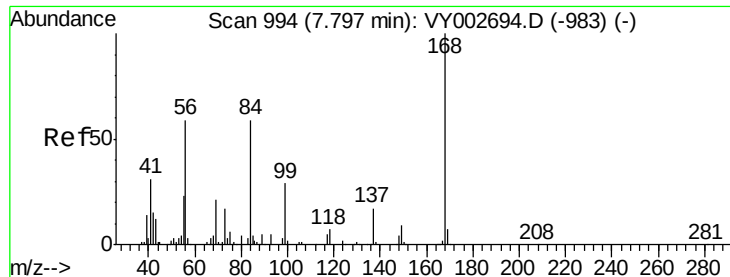
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

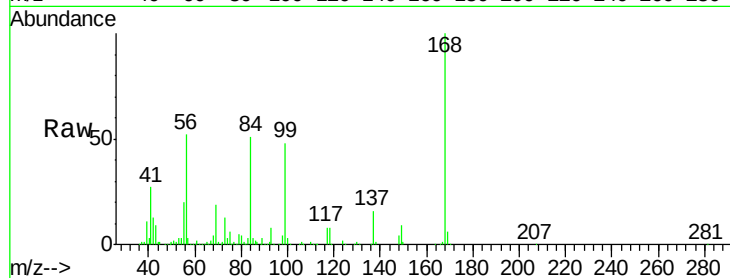
VSTDCCC050EC

Tot Ion:168 Resp: 386169

Ion Ratio Lower Upper

168 100

99 48.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002710.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002710.D (-945) (-)

7.80

150000

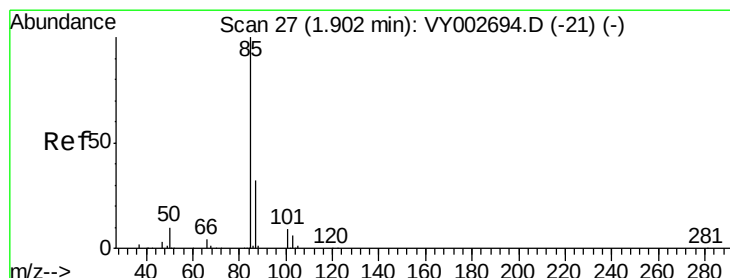
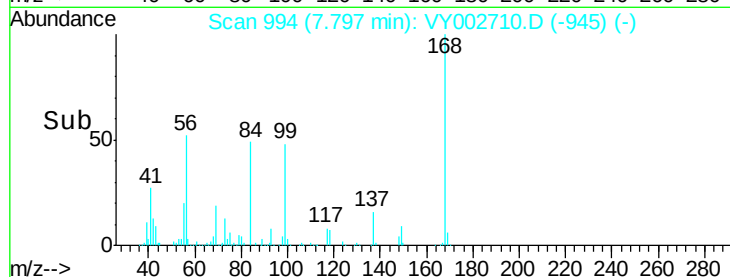
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.193 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002710.D

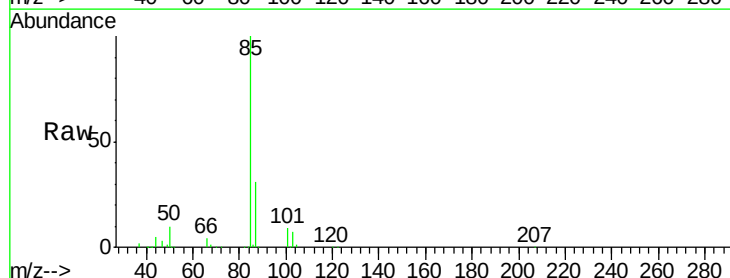
Acq: 18 May 2020 15:35

Tgt Ion: 85 Resp: 127824

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002710.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002710.D (-1) (-)

1.91

100000

80000

60000

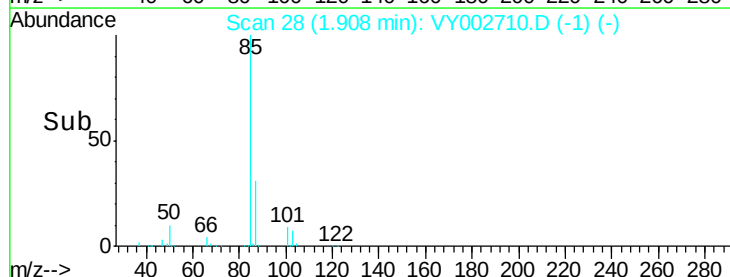
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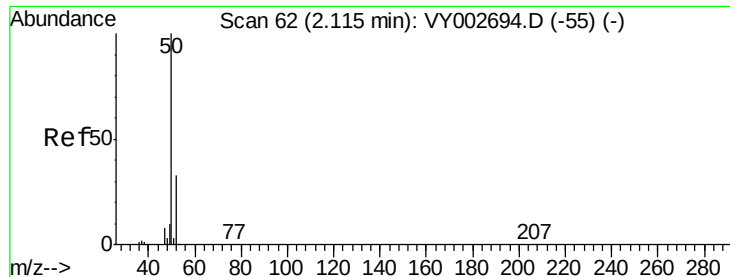
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.713 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

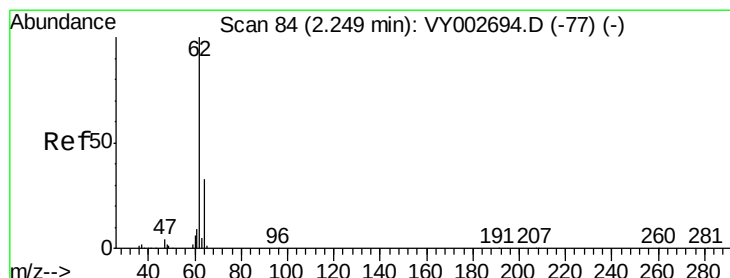
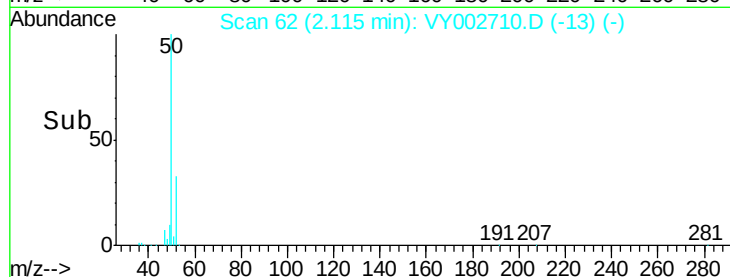
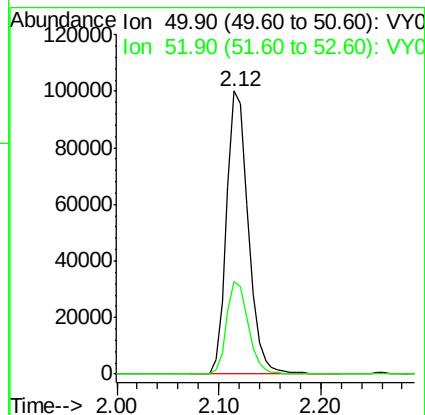
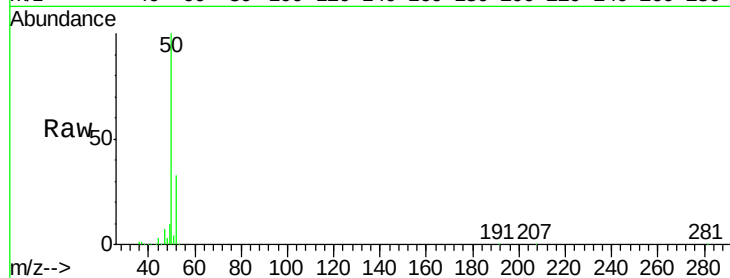
VSTDCCC050EC

Tot Ion: 50 Resp: 148040

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 48.104 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002710.D

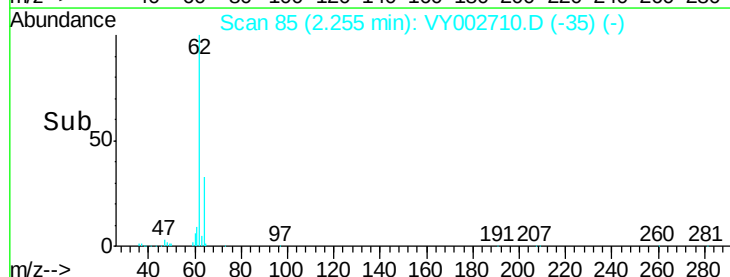
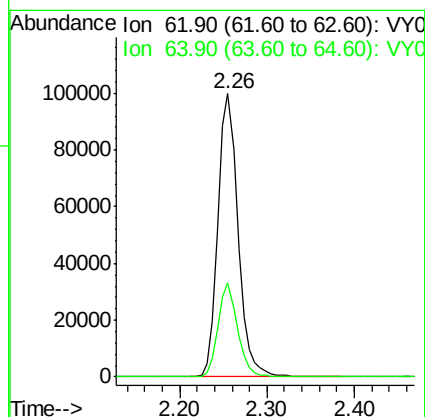
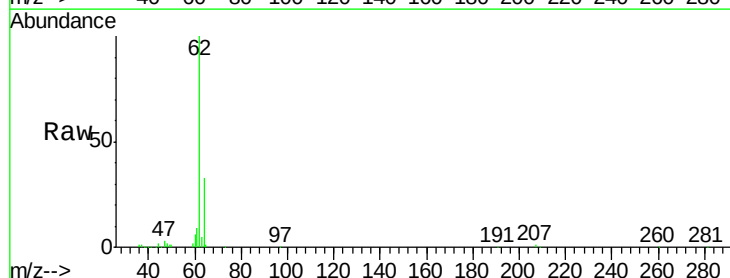
Acq: 18 May 2020 15:35

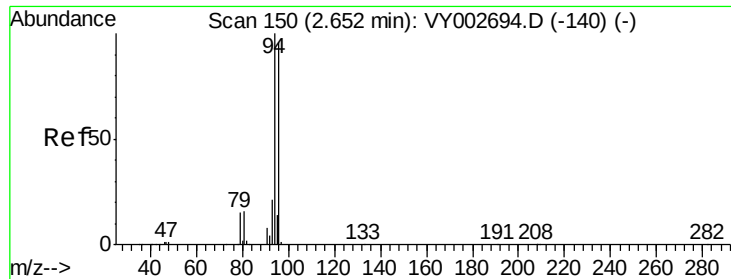
Tgt Ion: 62 Resp: 158852

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.4





#5

Bromomethane

Concen: 47.410 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

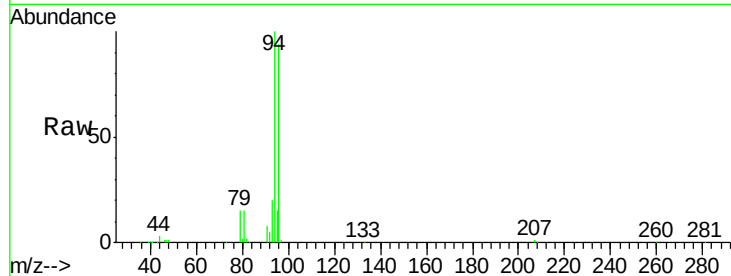
VSTDCCC050EC

Tot Ion: 94 Resp: 116038

Ion Ratio Lower Upper

94 100

96 94.2 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

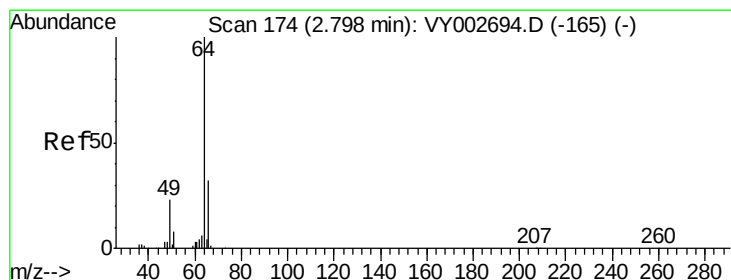
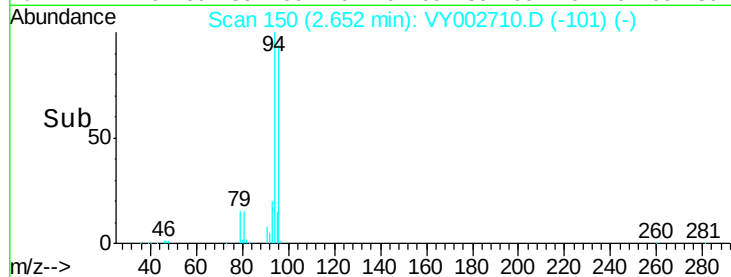
30000

20000

10000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 46.852 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002710.D

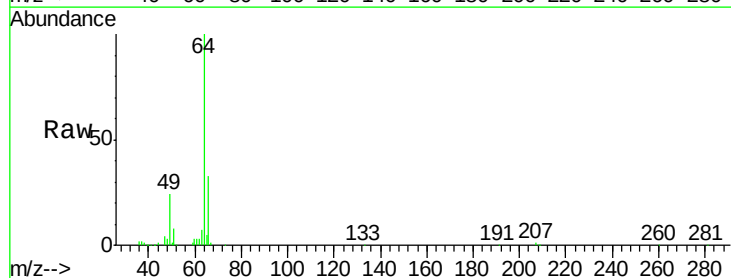
Acq: 18 May 2020 15:35

Tgt Ion: 64 Resp: 98940

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

50000

40000

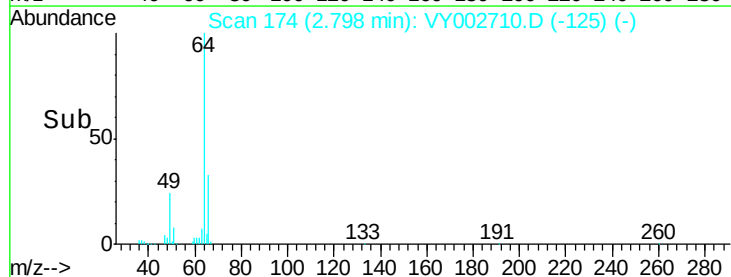
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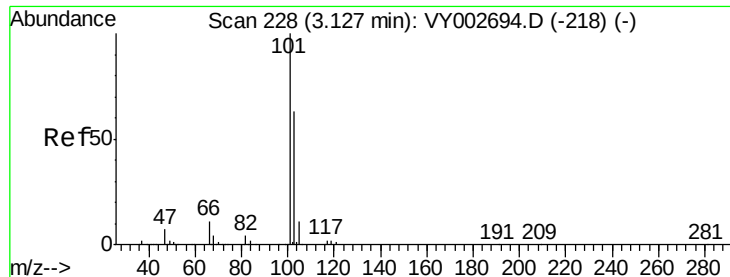
20000

10000

0

Time--> 2.70 2.80 2.90



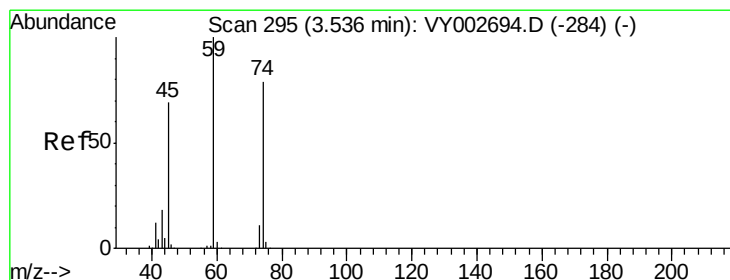
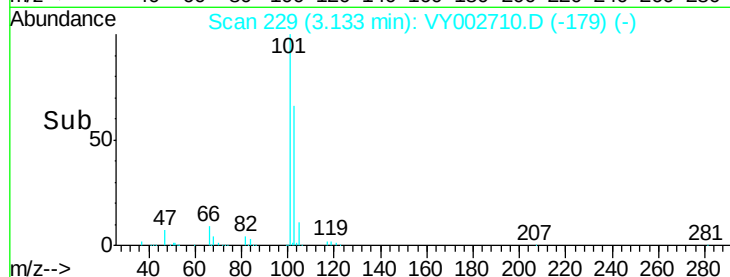
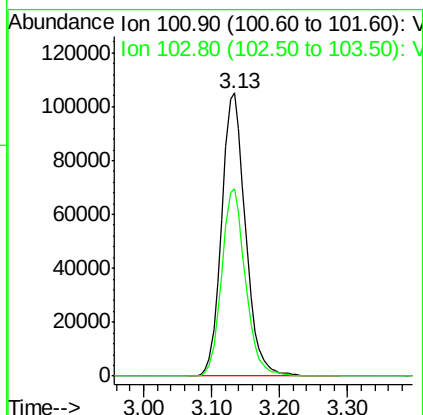
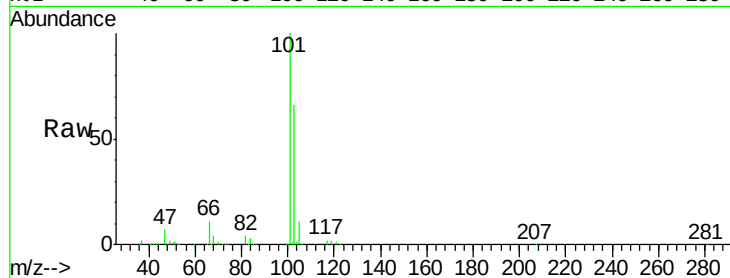


#7

Trichlorofluoromethane
Concen: 45.958 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Instrument :
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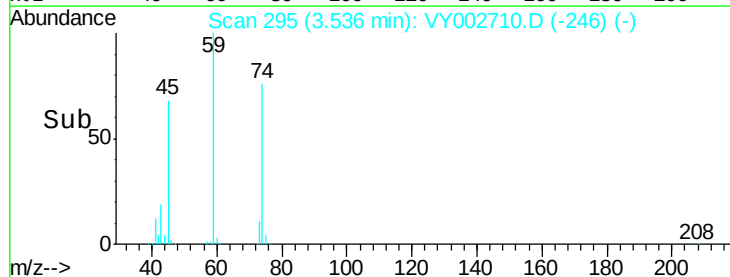
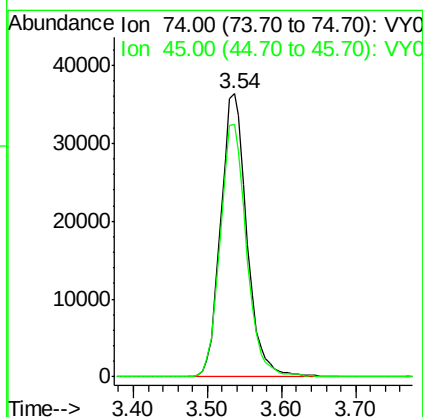
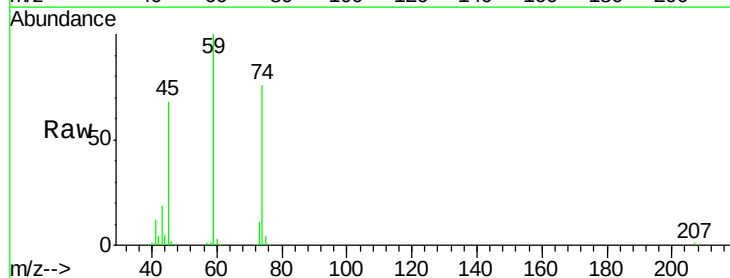
Tot Ion:101 Resp: 255764
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8

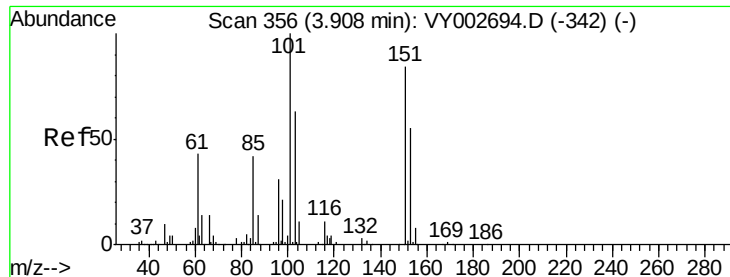


#8

Diethyl Ether
Concen: 46.948 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 74 Resp: 88880
Ion Ratio Lower Upper
74 100
45 89.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.915 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

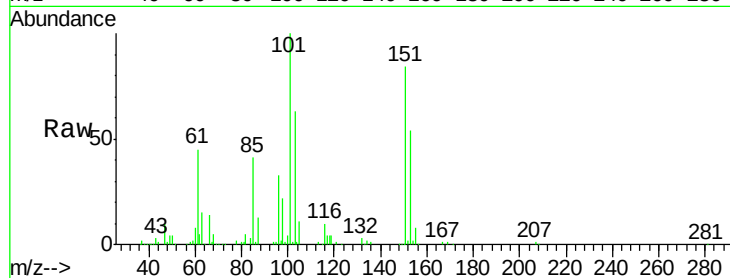
Tot Ion:101 Resp: 158269

Ion Ratio Lower Upper

101 100

85 41.8 33.5 50.3

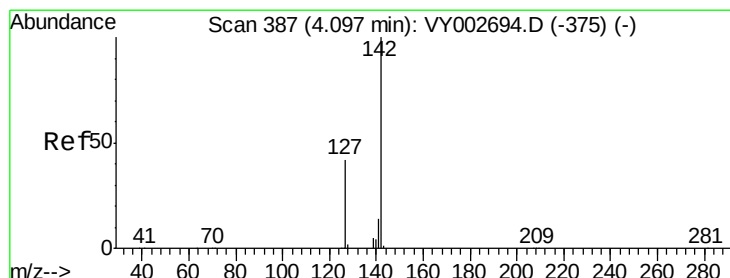
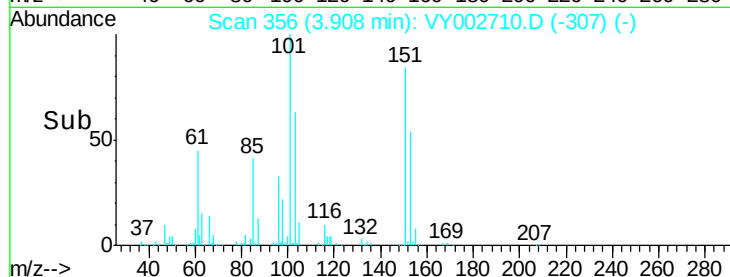
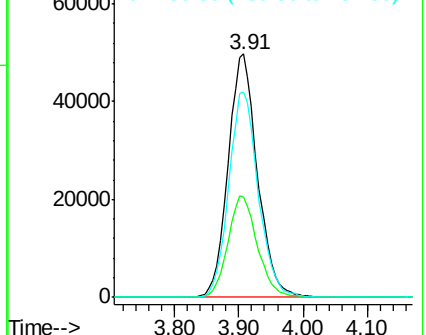
151 85.3 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.468 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

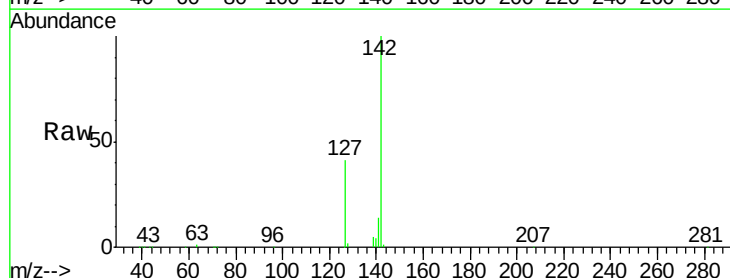
Tgt Ion:142 Resp: 220416

Ion Ratio Lower Upper

142 100

127 40.3 32.8 49.2

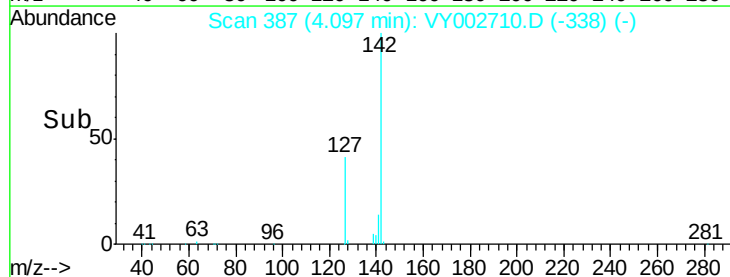
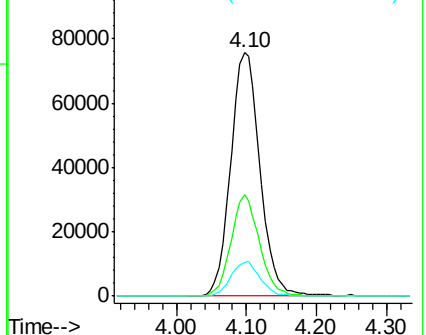
141 14.1 11.3 16.9

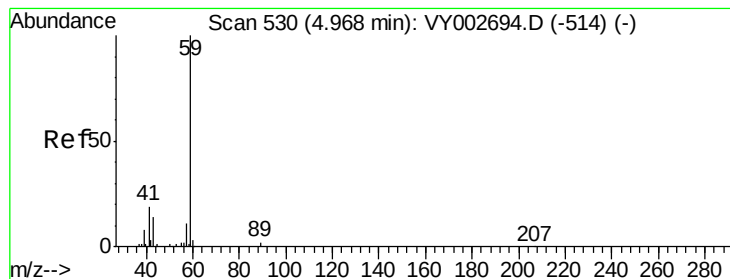


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



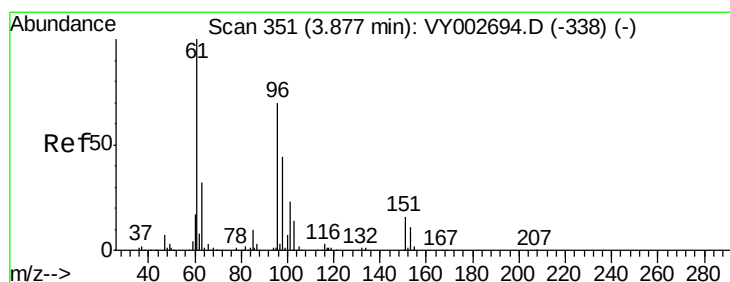
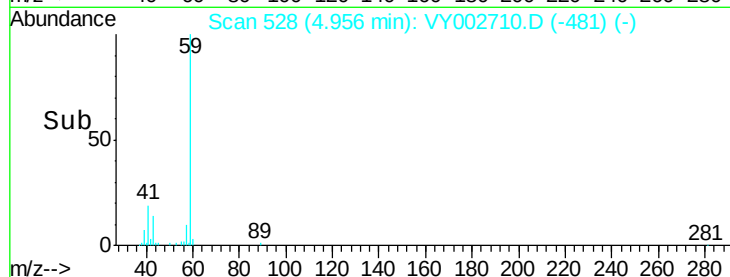
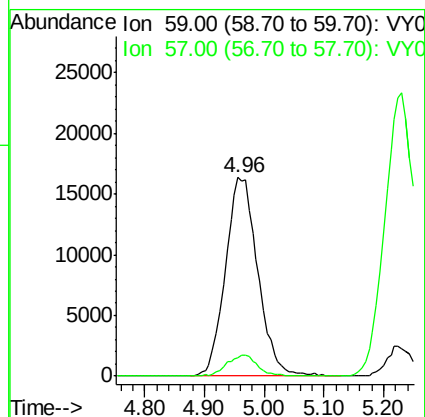
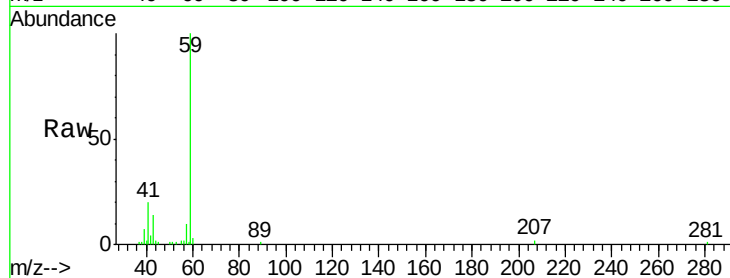


#11

Tert butyl alcohol
 Concen: 201.469 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

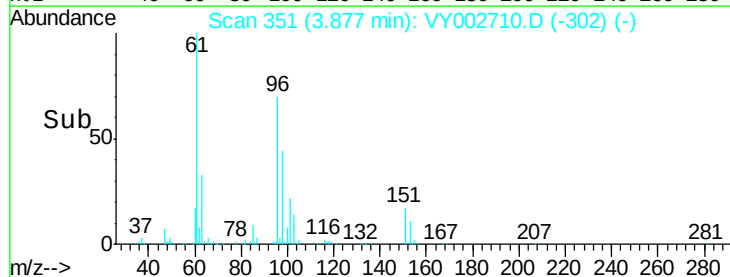
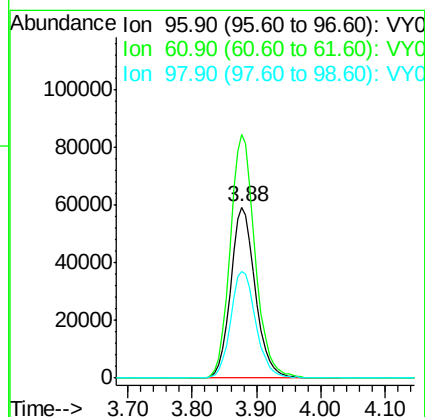
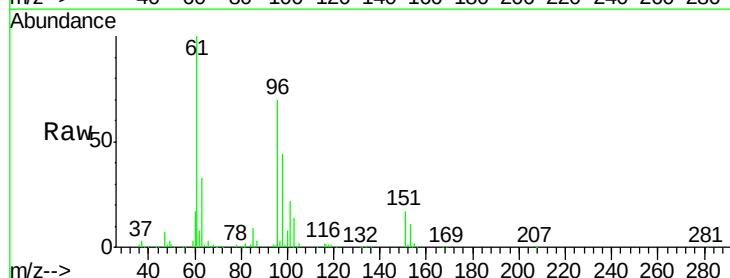
Tot Ion: 59 Resp: 61804
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

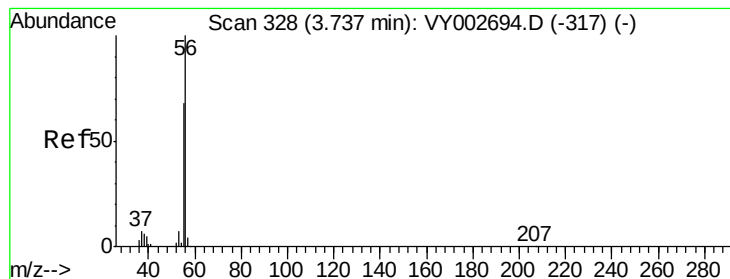


#12

1,1-Dichloroethene
 Concen: 47.091 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion: 96 Resp: 159508
 Ion Ratio Lower Upper
 96 100
 61 142.3 113.8 170.8
 98 62.5 50.4 75.6





#13

Acrolein

Concen: 250.803 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

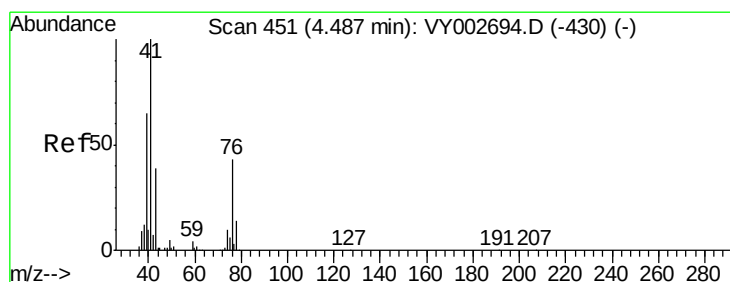
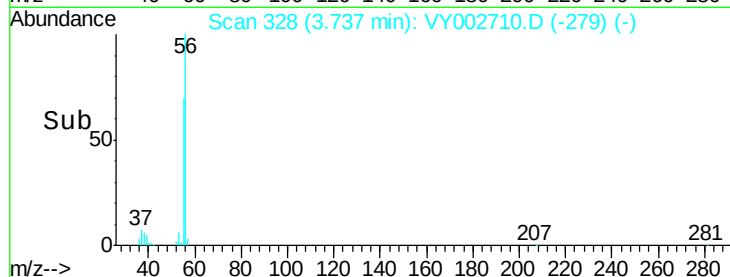
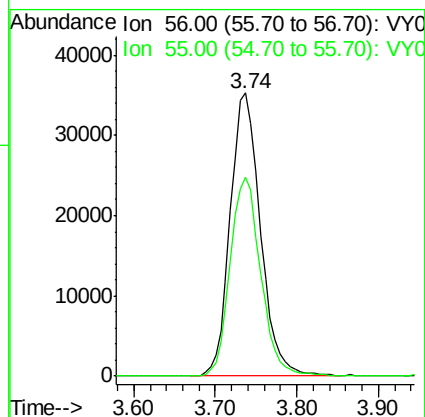
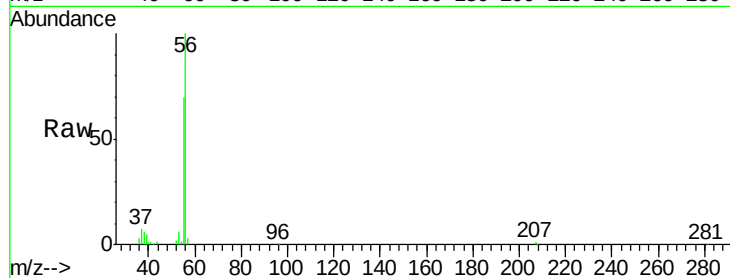
VSTDCCC050EC

Tot Ion: 56 Resp: 90240

Ion Ratio Lower Upper

56 100

55 71.0 54.8 82.2



#14

Allyl chloride

Concen: 48.281 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

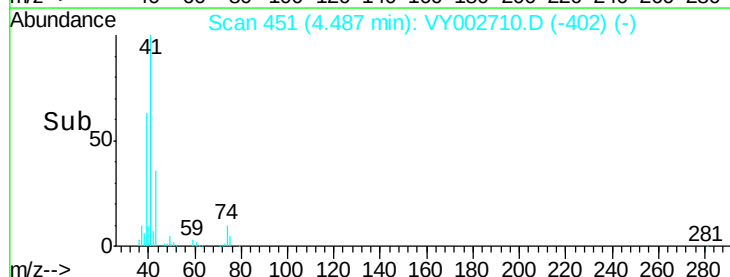
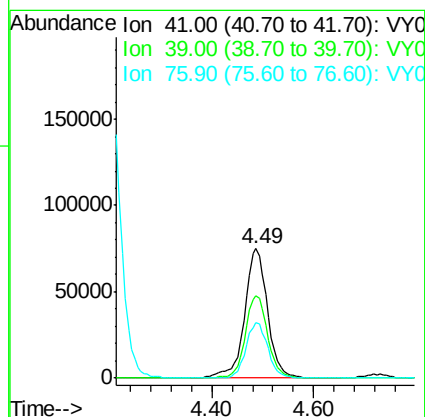
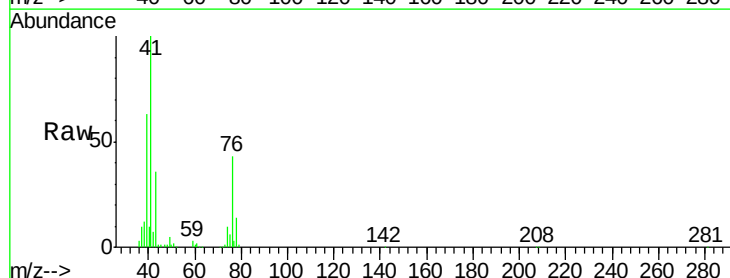
Tgt Ion: 41 Resp: 234783

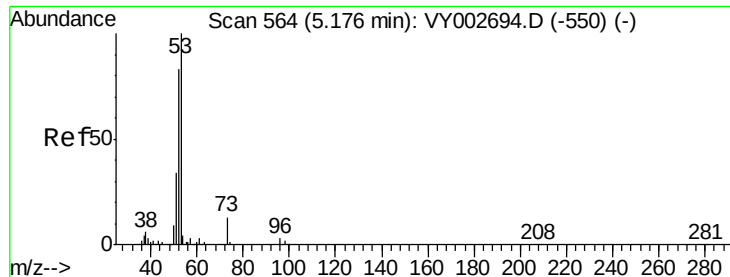
Ion Ratio Lower Upper

41 100

39 61.8 50.3 75.5

76 40.8 33.2 49.8





#15

Acrylonitrile

Concen: 228.760 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

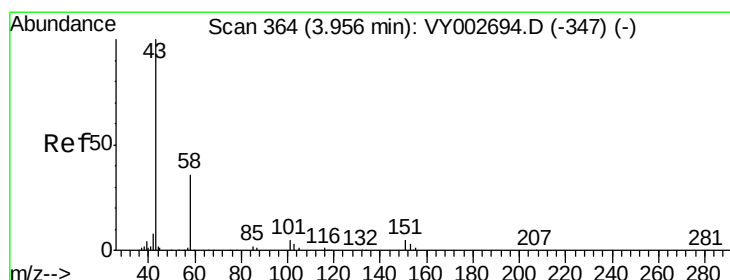
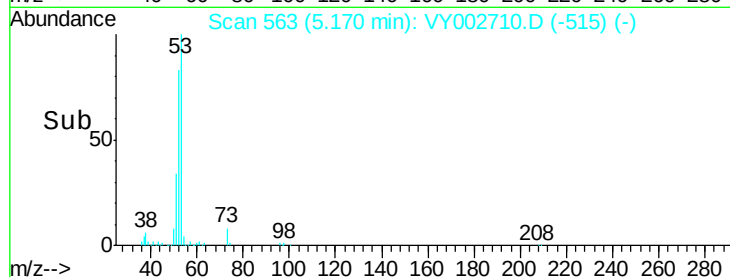
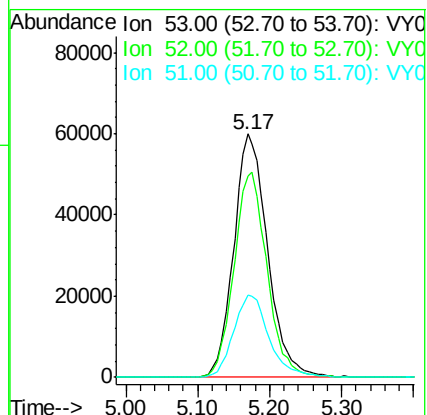
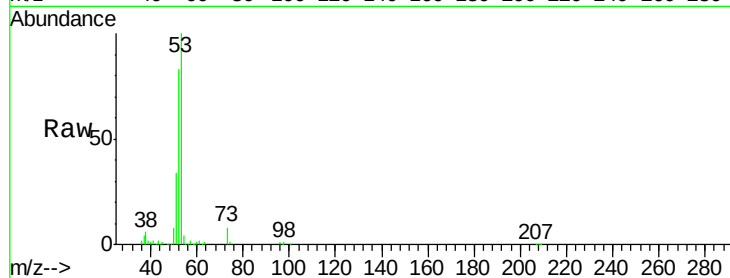
Tot Ion: 53 Resp: 196098

Ion Ratio Lower Upper

53 100

52 82.3 65.0 97.6

51 35.3 27.9 41.9



#16

Acetone

Concen: 223.746 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002710.D

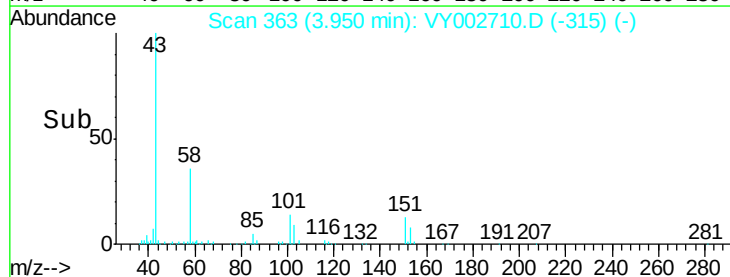
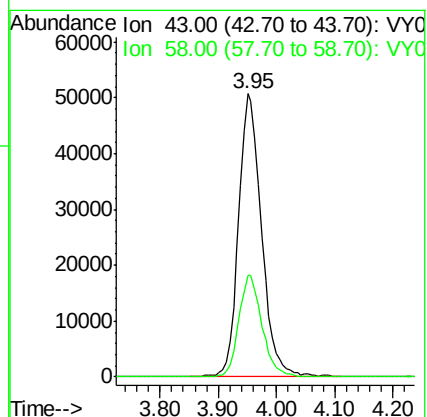
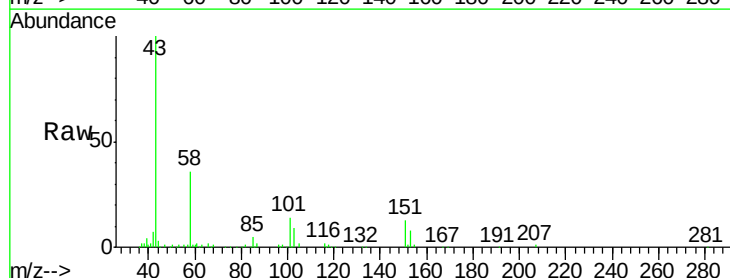
Acq: 18 May 2020 15:35

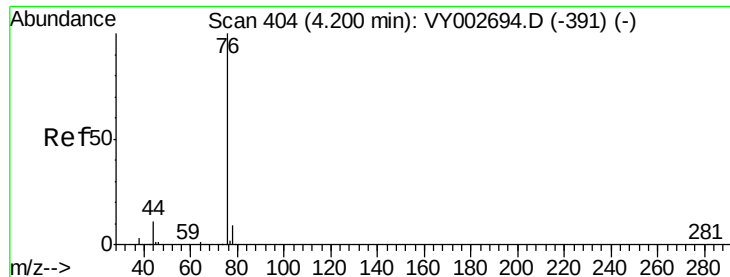
Tgt Ion: 43 Resp: 139325

Ion Ratio Lower Upper

43 100

58 35.8 28.6 43.0

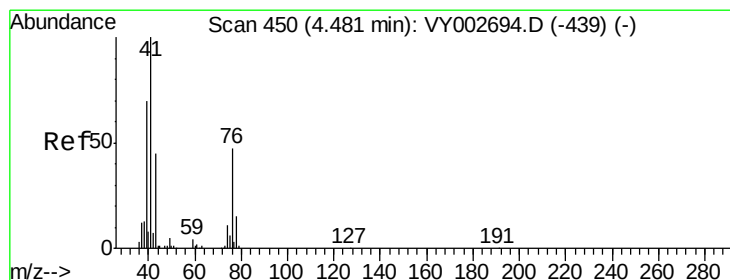
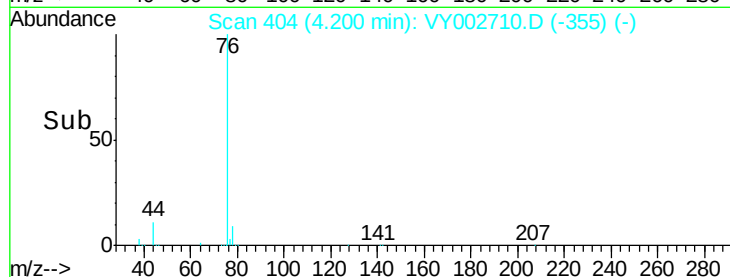
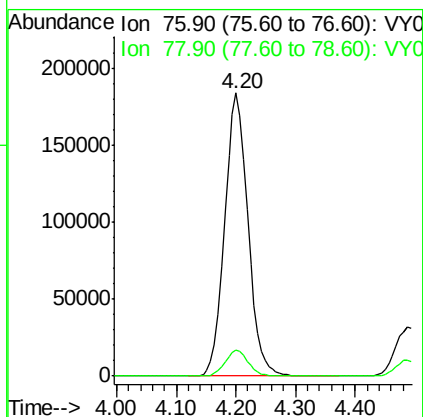
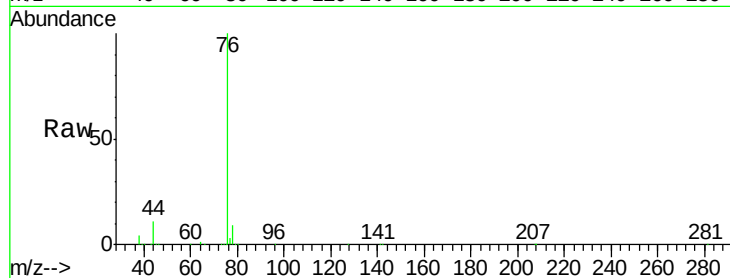




#17
Carbon Disulfide
Concen: 46.963 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

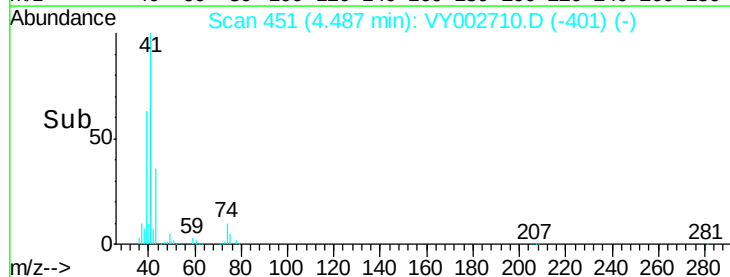
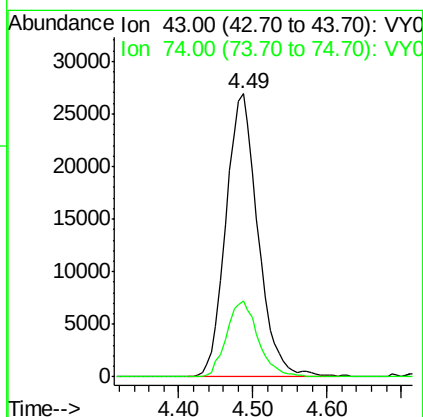
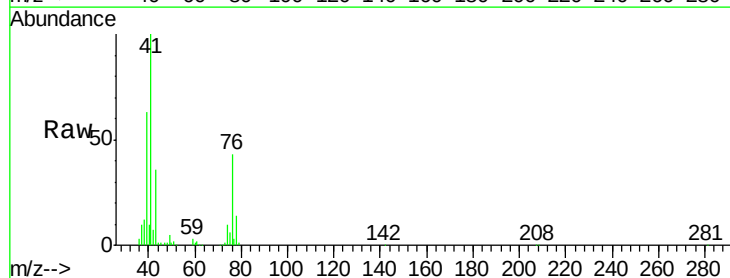
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

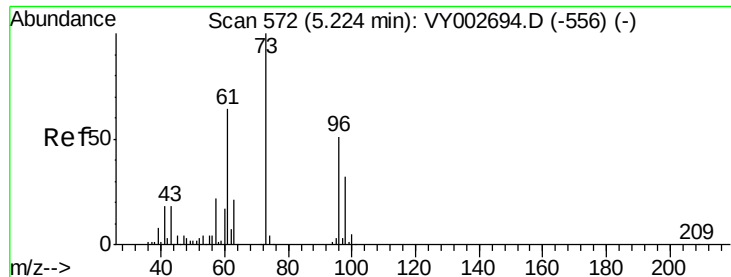
Tot Ion: 76 Resp: 498978
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 45.694 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 43 Resp: 81127
Ion Ratio Lower Upper
43 100
74 26.6 21.1 31.7

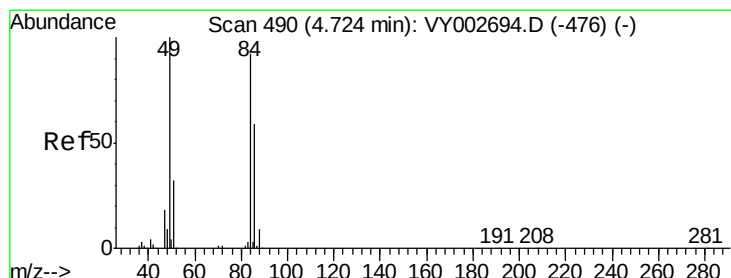
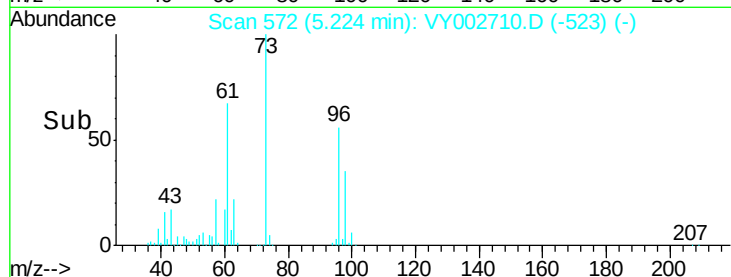
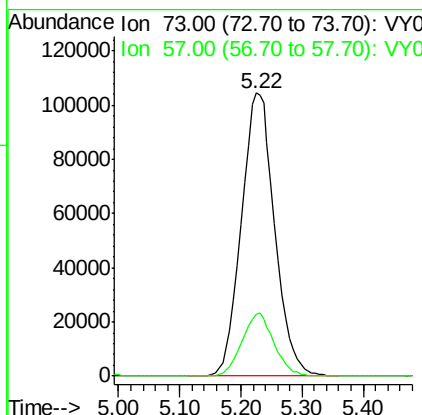
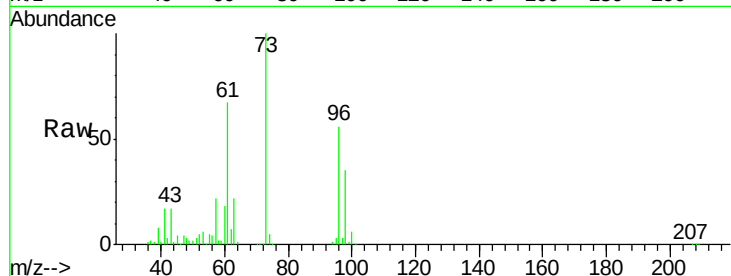




#19
Methyl tert-butyl Ether
Concen: 47.038 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

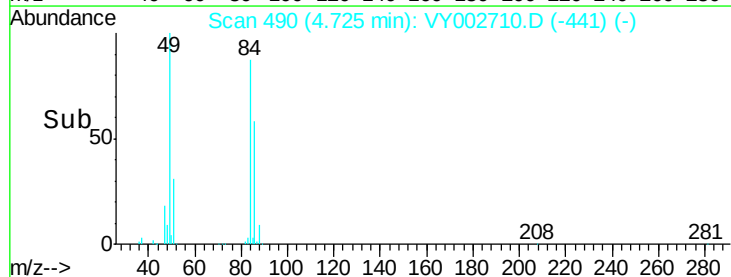
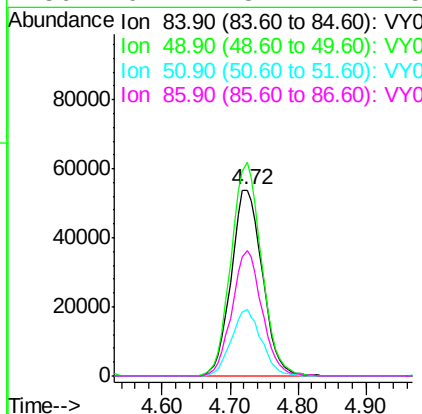
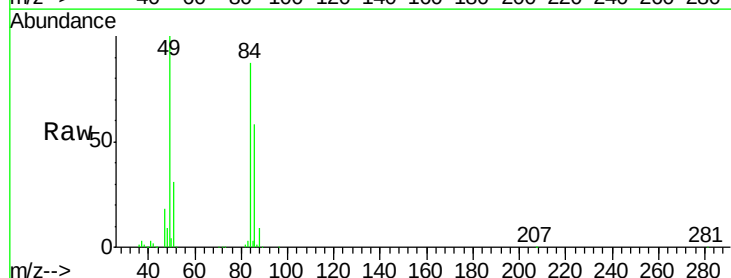
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

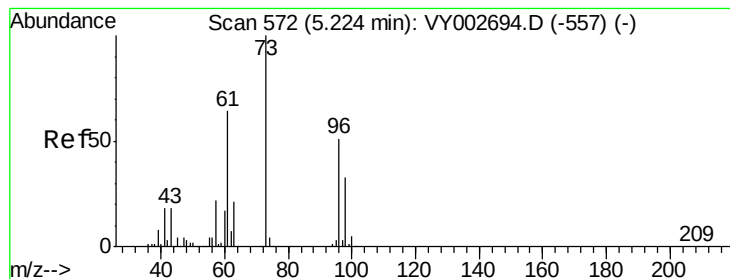
Tot Ion: 73 Resp: 395205
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 45.533 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 84 Resp: 171390
Ion Ratio Lower Upper
84 100
49 114.9 87.4 131.0
51 36.0 27.9 41.9
86 67.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 47.808 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

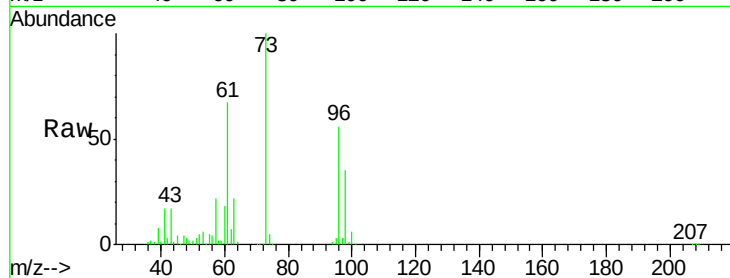
Tot Ion: 96 Resp: 180069

Ion Ratio Lower Upper

96 100

61 118.0 99.6 149.4

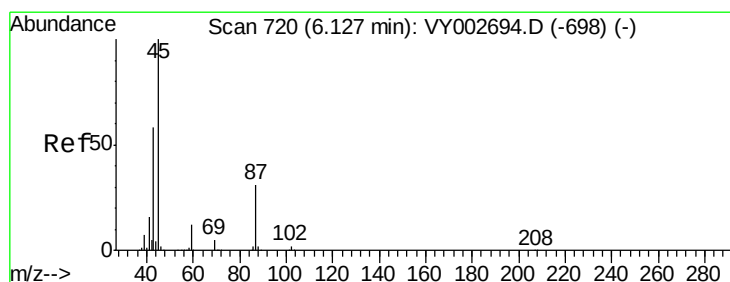
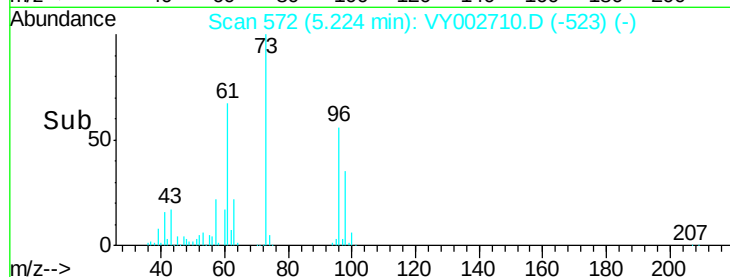
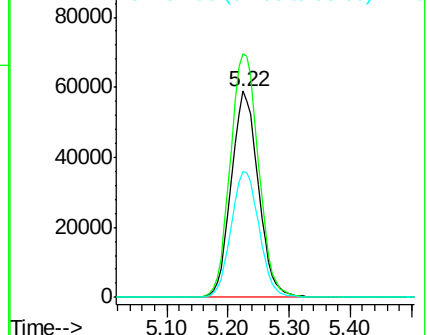
98 61.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY002710.D (-523) (-)

Ion 60.90 (60.60 to 61.60): VY002710.D (-523) (-)

Ion 97.90 (97.60 to 98.60): VY002710.D (-523) (-)



#22

Diisopropyl ether

Concen: 48.698 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Tgt Ion: 45 Resp: 469833

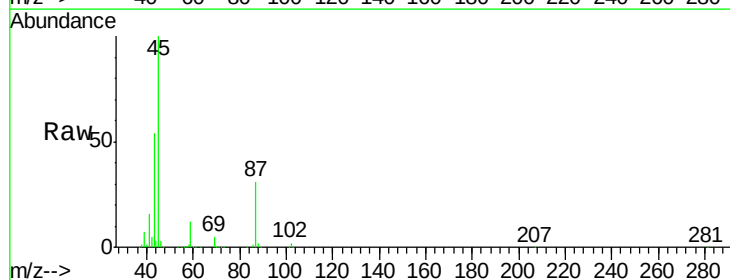
Ion Ratio Lower Upper

45 100

43 53.9 46.1 69.1

87 31.1 24.9 37.3

59 11.6 9.8 14.8

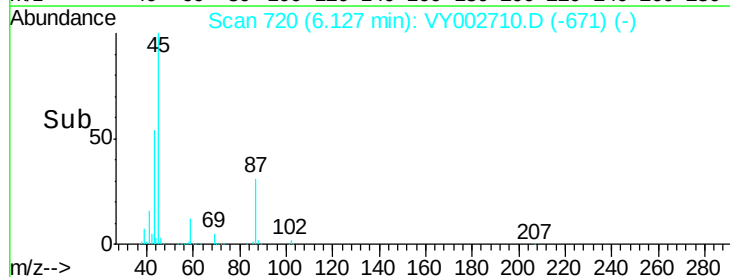
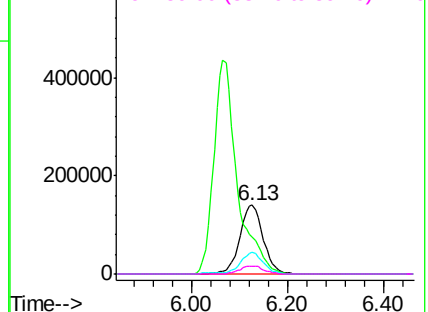


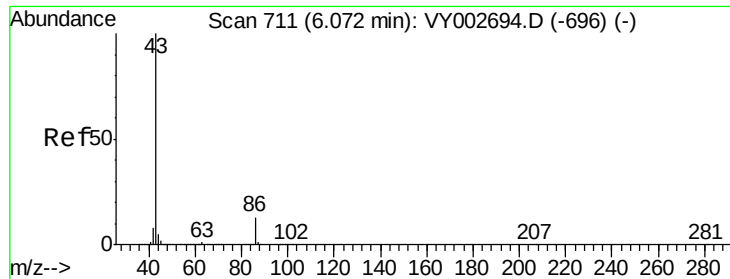
Abundance Ion 45.00 (44.70 to 45.70): VY002710.D (-671) (-)

Ion 43.00 (42.70 to 43.70): VY002710.D (-671) (-)

Ion 87.00 (86.70 to 87.70): VY002710.D (-671) (-)

Ion 59.00 (58.70 to 59.70): VY002710.D (-671) (-)





#23

Vinyl Acetate

Concen: 239.025 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

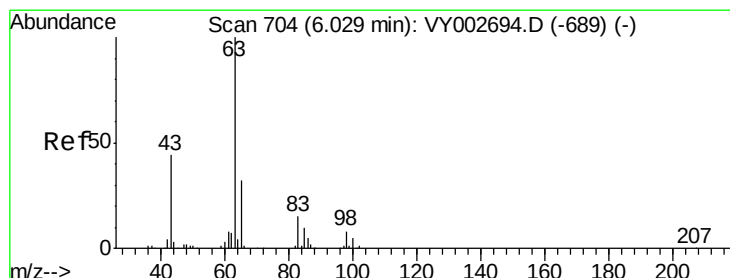
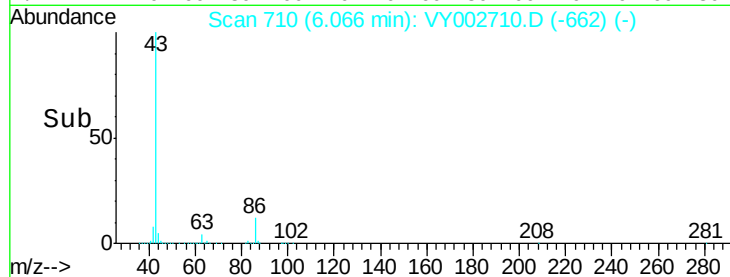
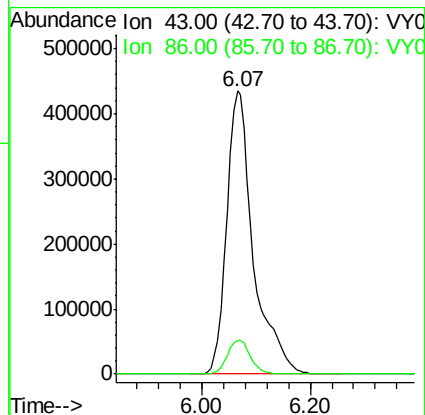
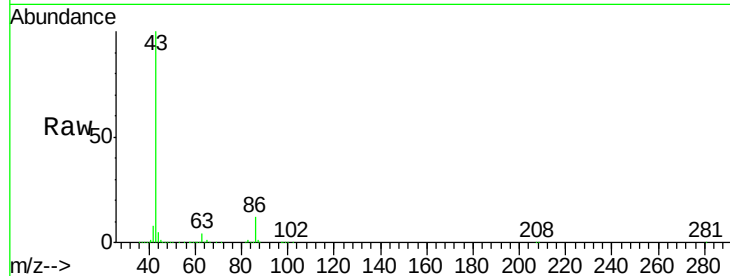
VSTDCCC050EC

Tot Ion: 43 Resp: 1476646

Ion Ratio Lower Upper

43 100

86 12.1 10.1 15.1



#24

1,1-Dichloroethane

Concen: 48.834 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

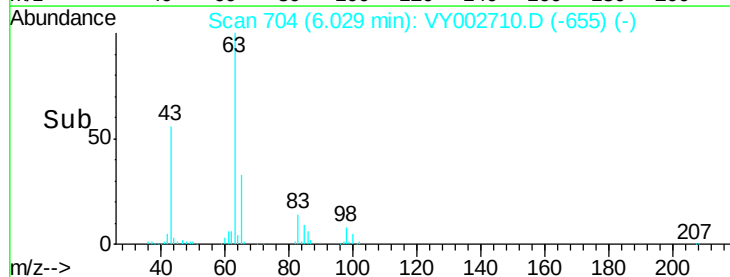
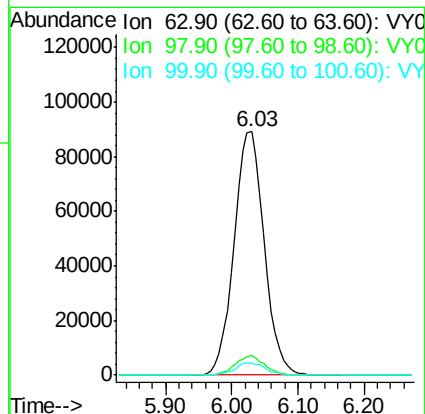
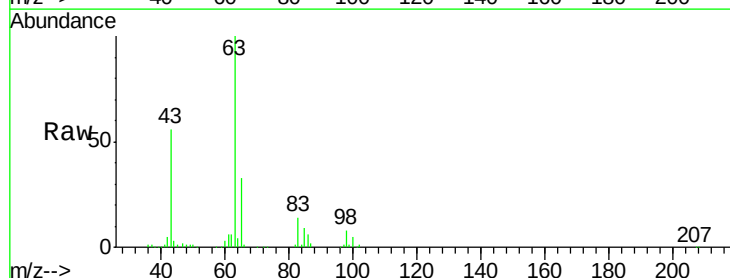
Tgt Ion: 63 Resp: 281533

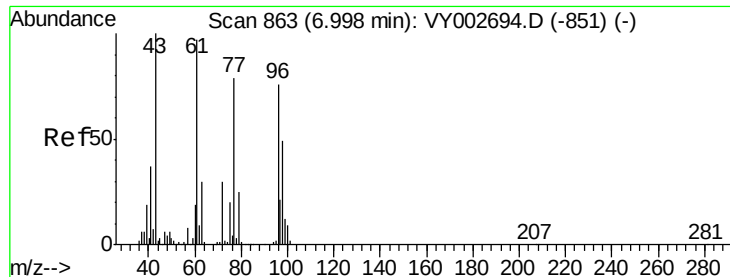
Ion Ratio Lower Upper

63 100

98 8.0 4.0 11.9

100 4.9 2.5 7.6

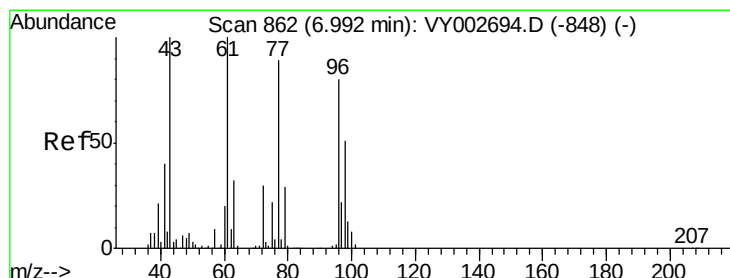
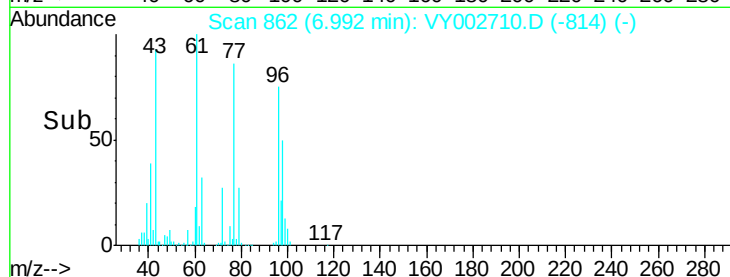
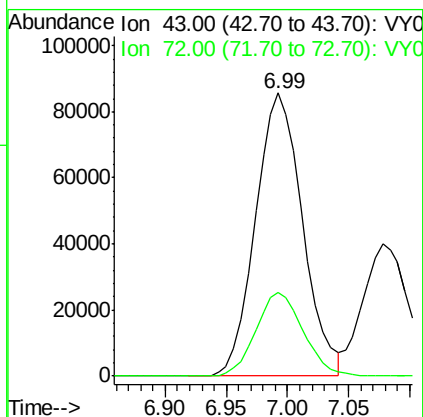
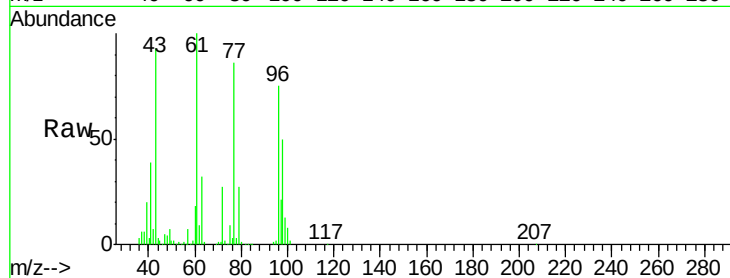




#25
2-Butanone
Concen: 222.773 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

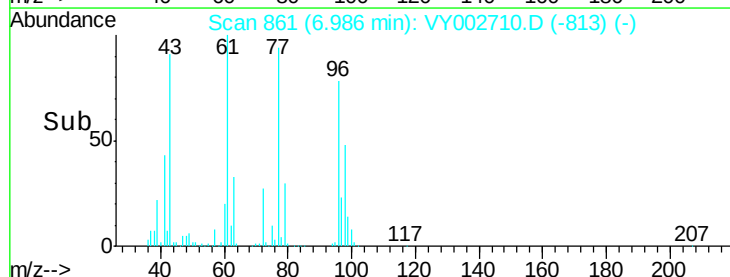
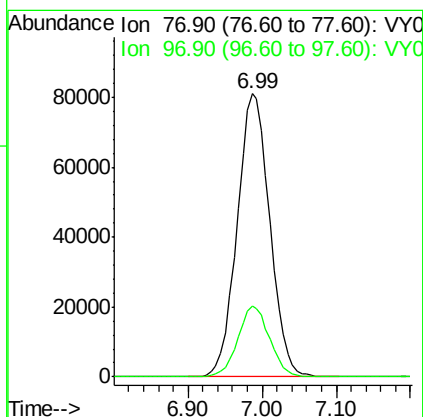
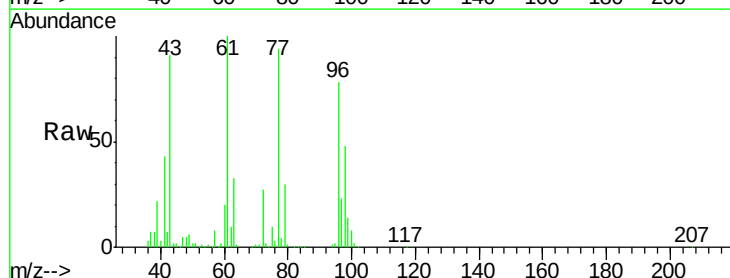
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

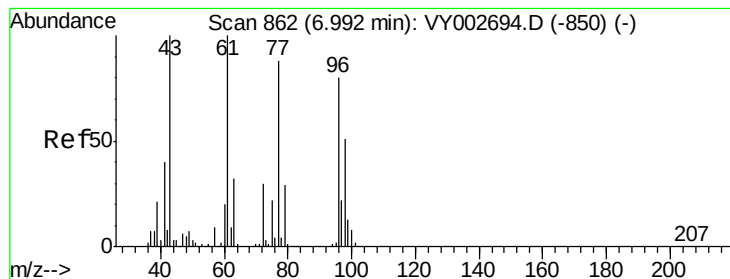
Tot Ion: 43 Resp: 229517
Ion Ratio Lower Upper
43 100
72 29.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 46.299 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 77 Resp: 248350
Ion Ratio Lower Upper
77 100
97 24.3 12.3 36.9



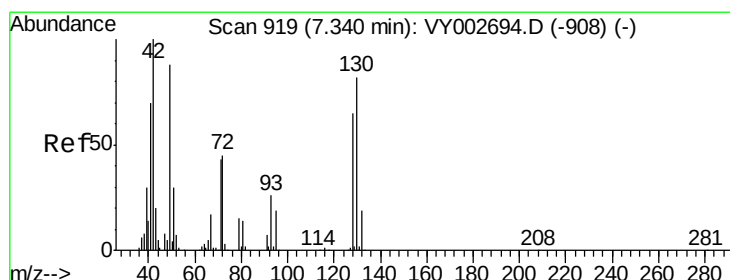
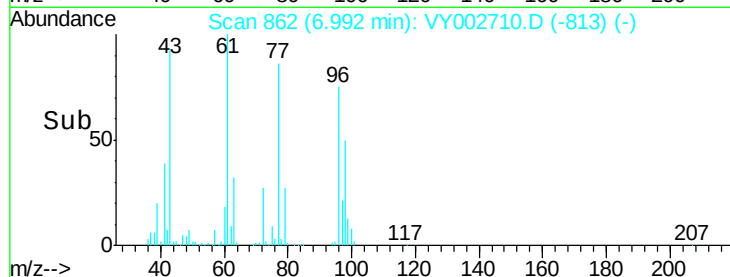
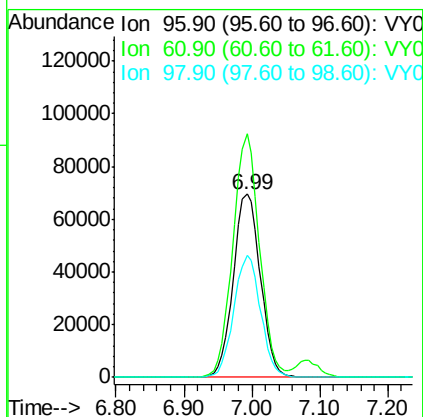
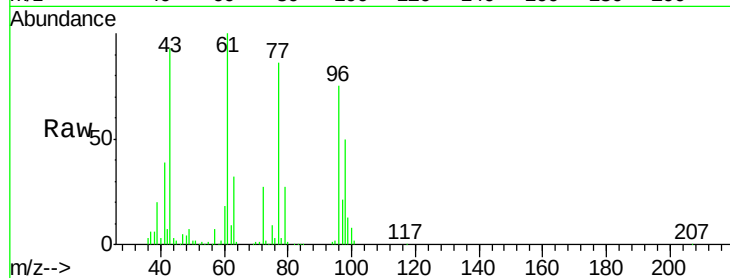


#27

cis-1,2-Dichloroethene
Concen: 47.462 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

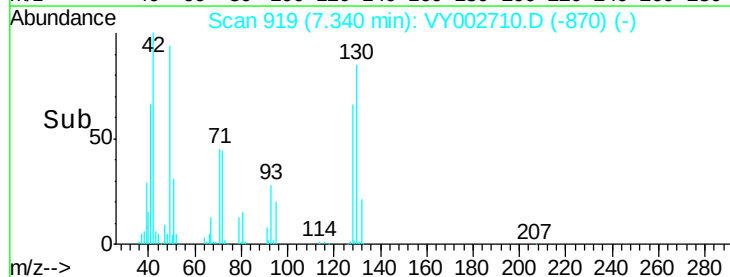
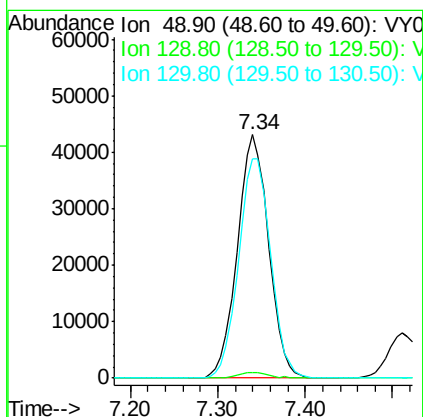
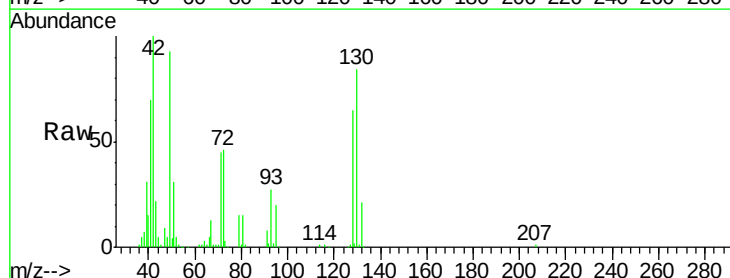
Tot Ion	96	Resp	193161
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	258.0
98	65.6	0.0	128.4

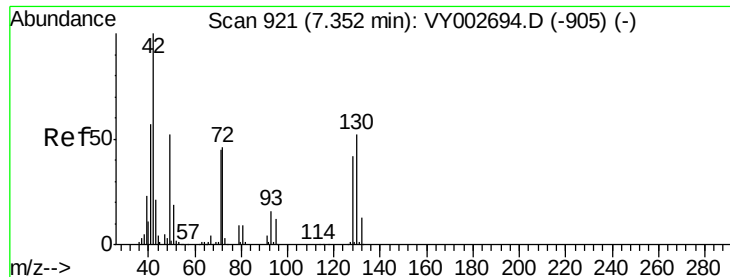


#28

Bromochloromethane
Concen: 46.911 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion	49	Resp	106987
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	92.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 225.067 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

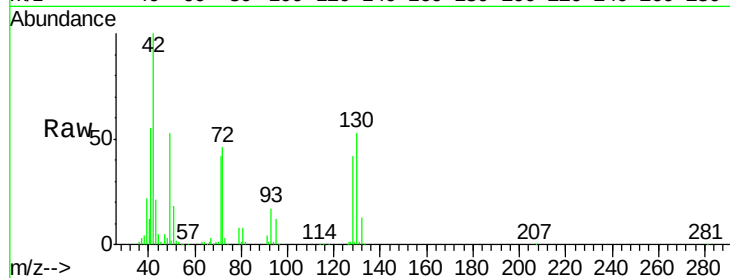
Tot Ion: 42 Resp: 157770

Ion Ratio Lower Upper

42 100

72 47.9 38.2 57.2

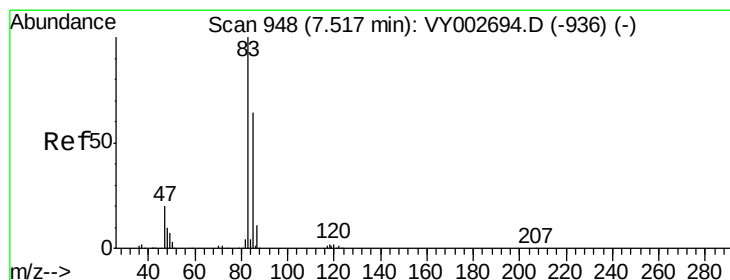
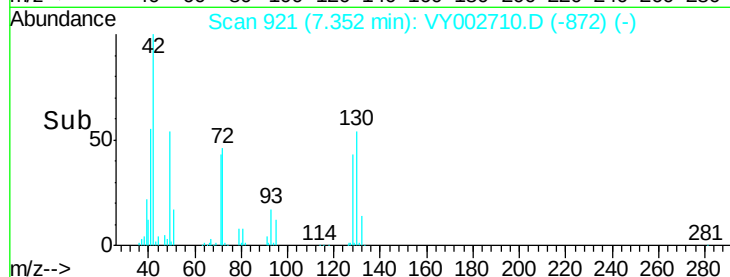
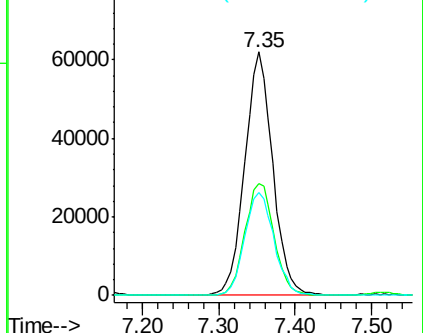
71 44.1 35.8 53.8



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: 47.675 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002710.D

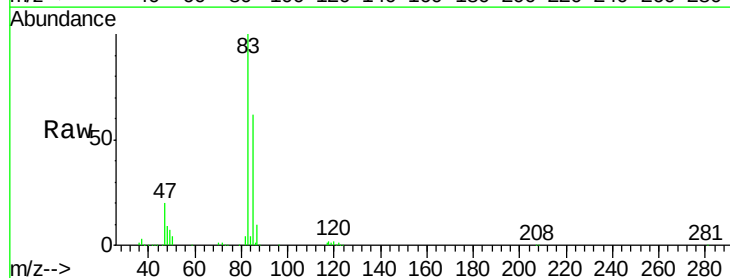
Acq: 18 May 2020 15:35

Tgt Ion: 83 Resp: 285259

Ion Ratio Lower Upper

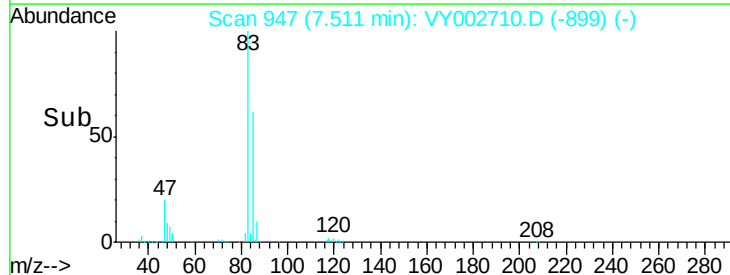
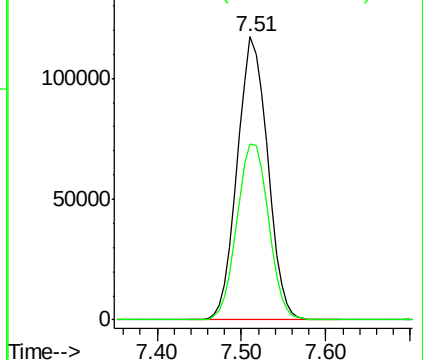
83 100

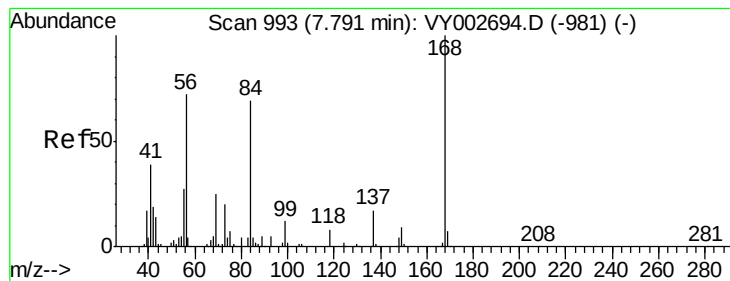
85 62.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.308 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

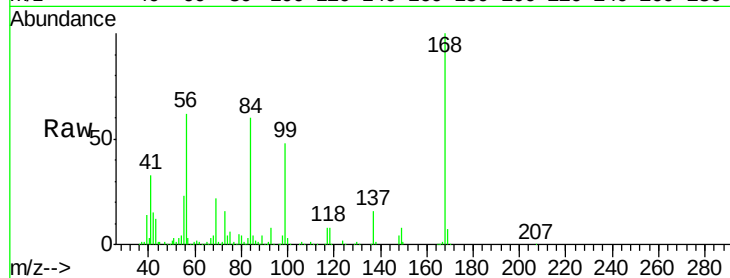
Tot Ion: 56 Resp: 259079

Ion Ratio Lower Upper

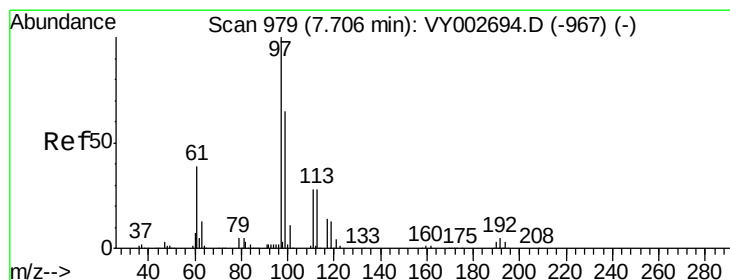
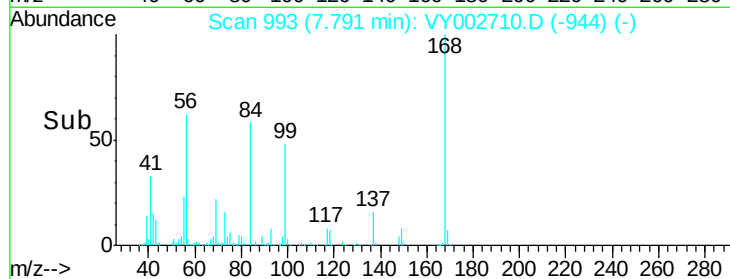
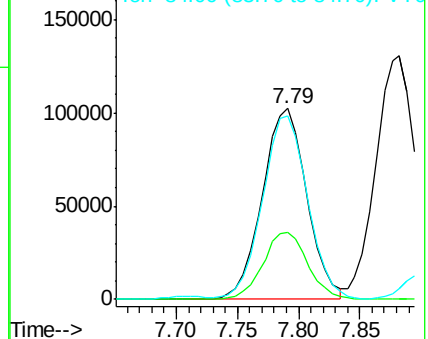
56 100

69 35.0 27.7 41.5

84 94.8 77.0 115.4



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: 47.237 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

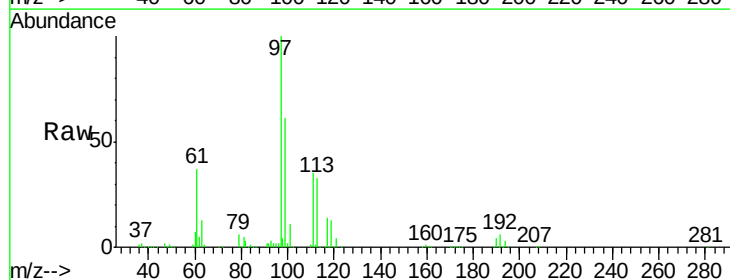
Tgt Ion: 97 Resp: 261162

Ion Ratio Lower Upper

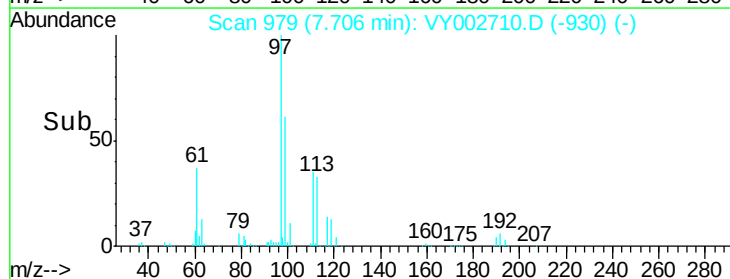
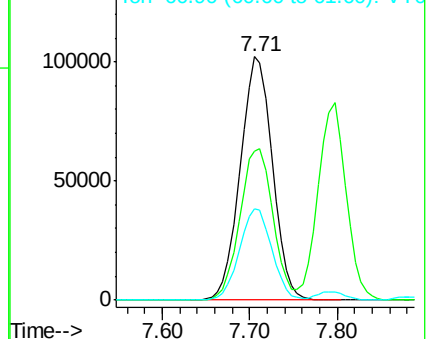
97 100

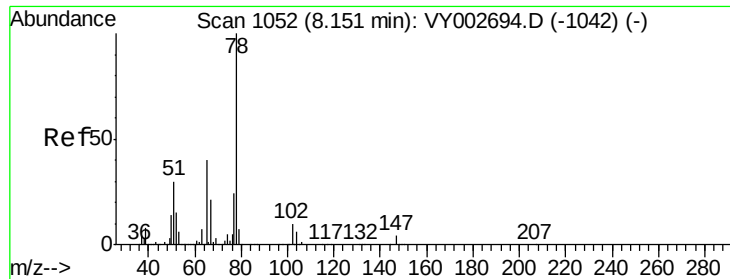
99 64.3 51.6 77.4

61 37.8 30.6 45.8



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

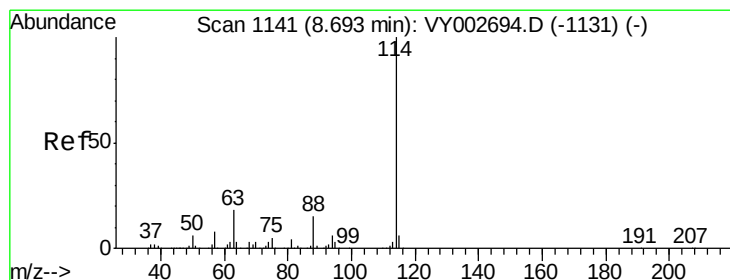
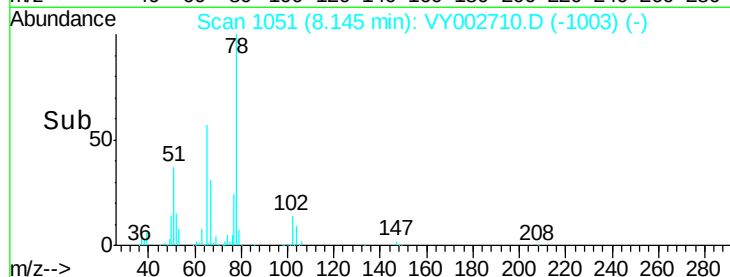
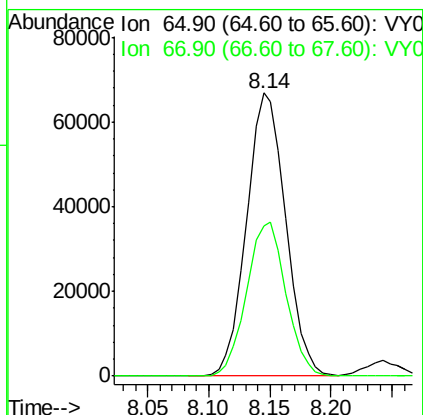
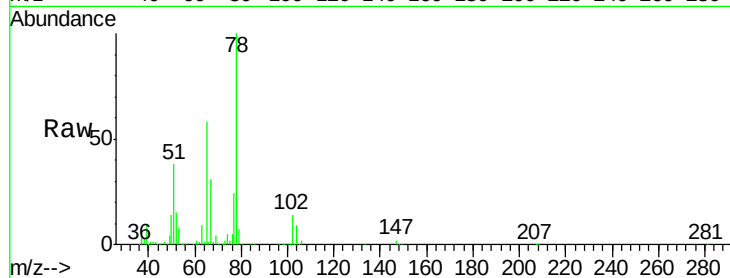




#33
 1,2-Dichloroethane-d4
 Concen: 49.037 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

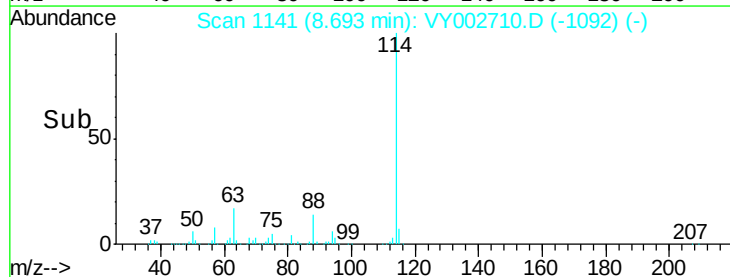
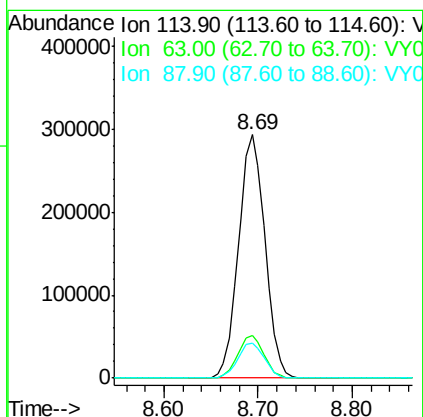
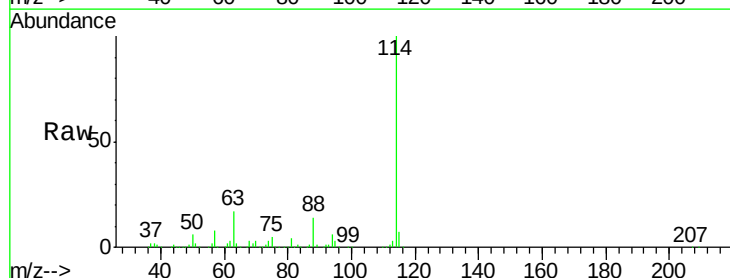
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

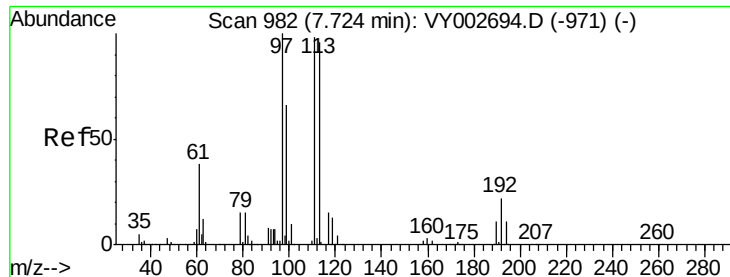
Tot Ion: 65 Resp: 148125
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion: 114 Resp: 573768
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.4
 88 14.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

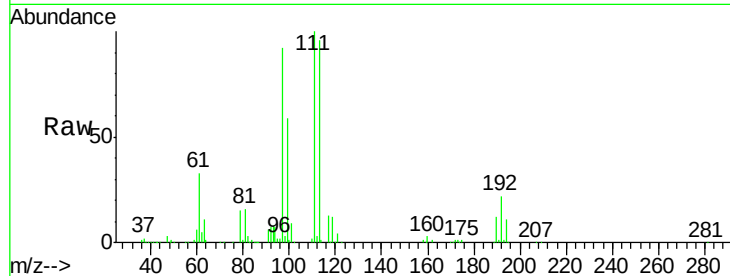
Tot Ion:113 Resp: 160655

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

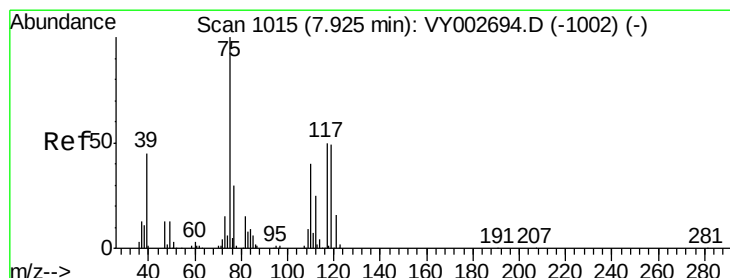
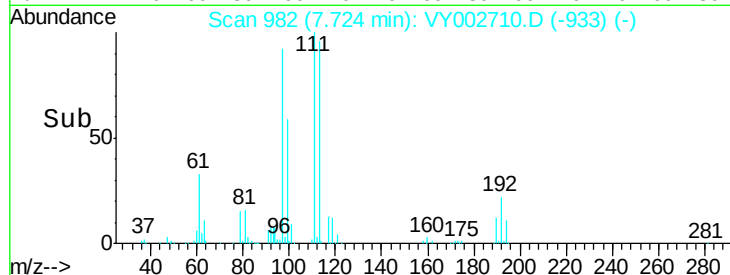
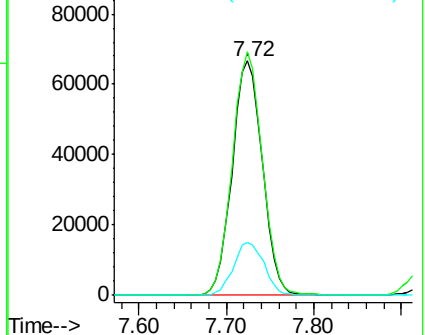
192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.061 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

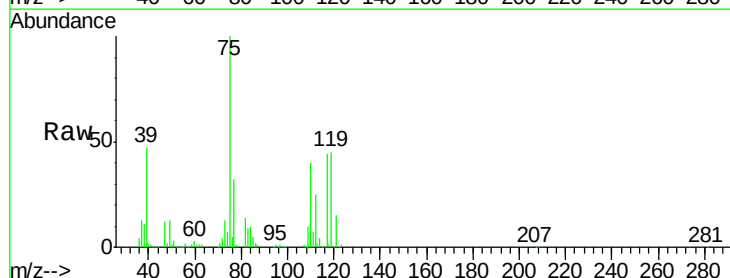
Tgt Ion: 75 Resp: 228588

Ion Ratio Lower Upper

75 100

110 38.5 19.4 58.4

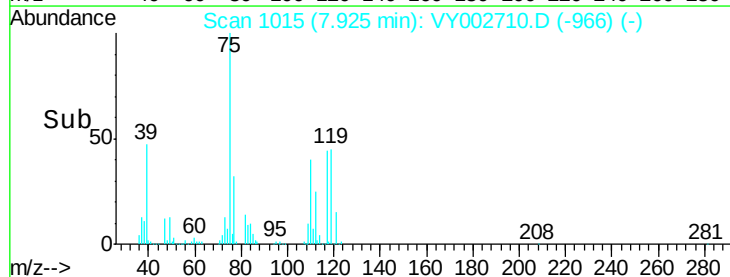
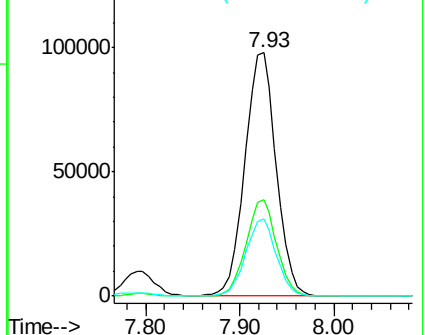
77 30.9 25.0 37.4

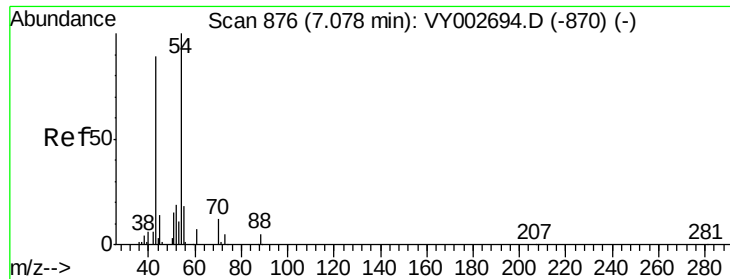


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

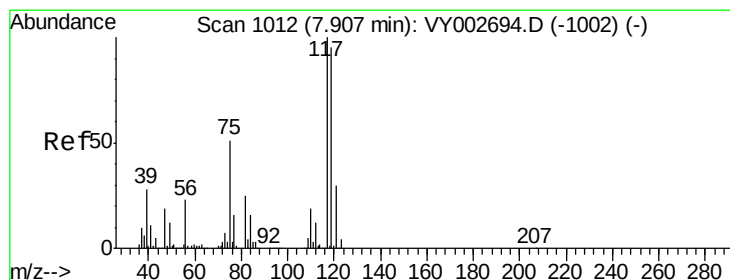
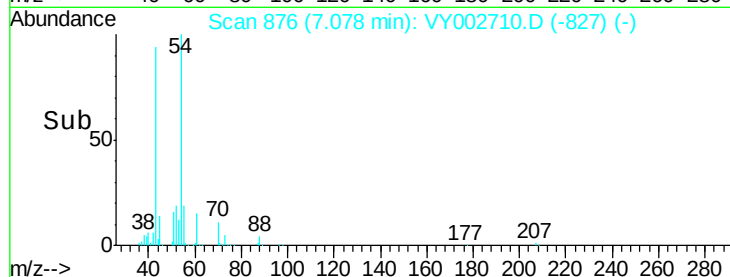
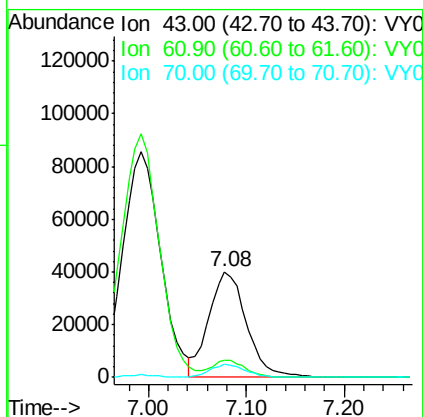
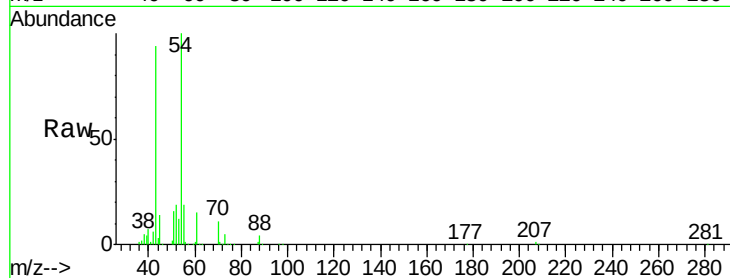




#37
Ethyl Acetate
Concen: 44.663 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

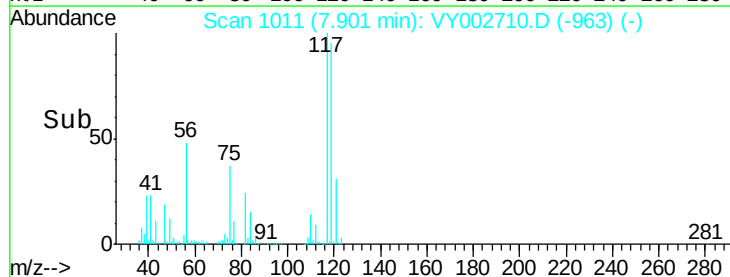
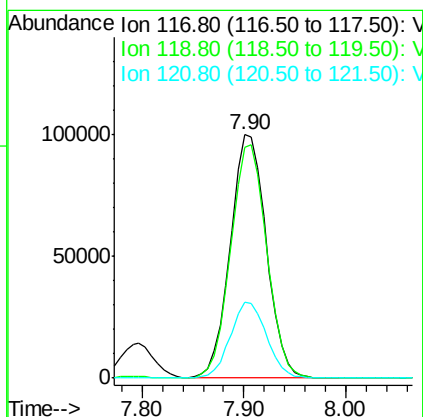
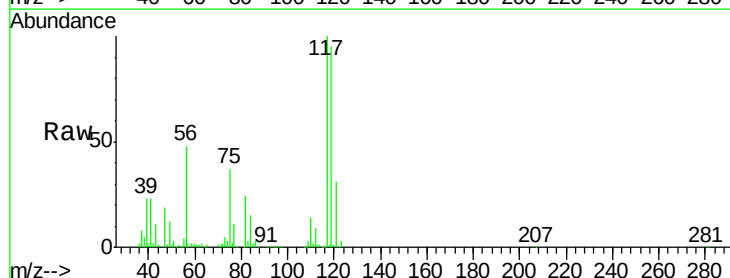
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

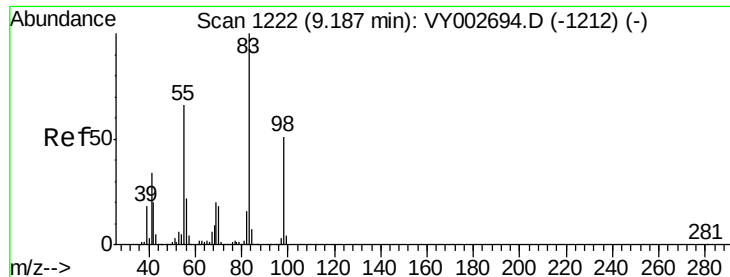
Tot Ion: 43 Resp: 106701
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 46.871 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 117 Resp: 244683
Ion Ratio Lower Upper
117 100
119 94.6 76.3 114.5
121 31.4 24.2 36.2

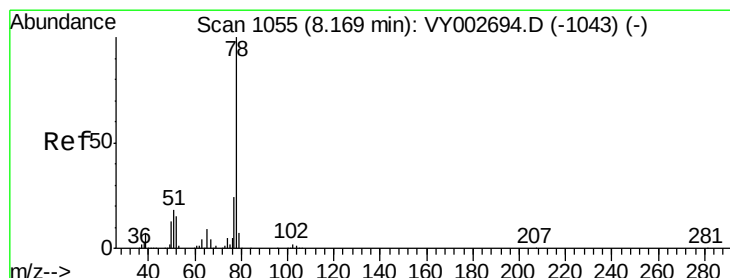
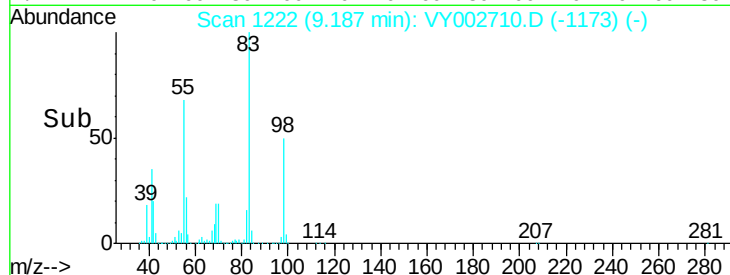
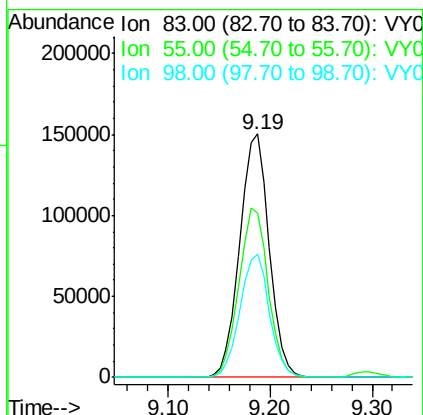
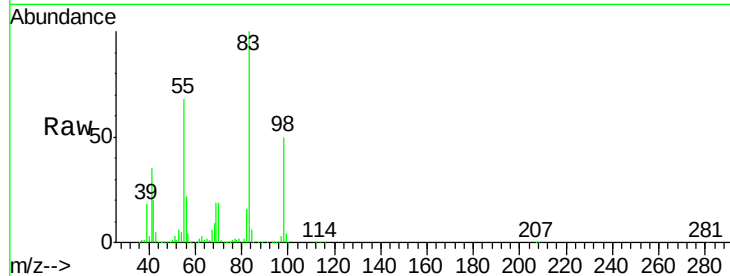




#39
Methylvlcyclohexane
Concen: 46.050 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

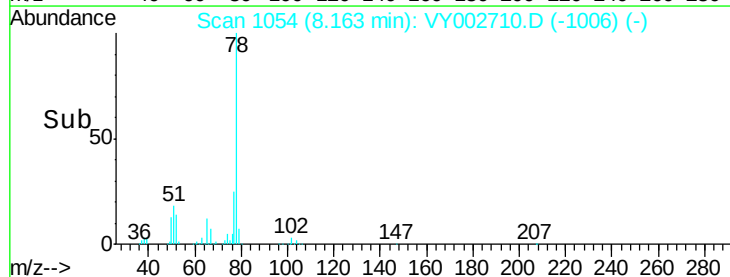
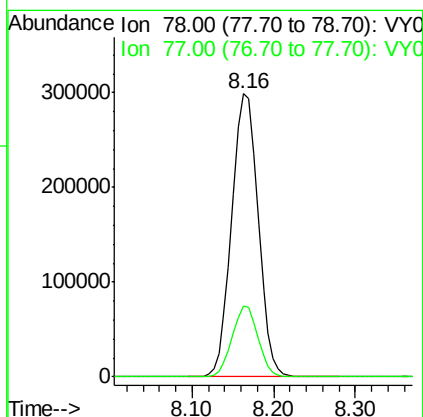
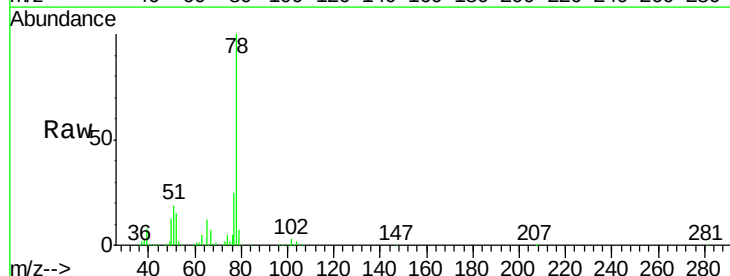
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

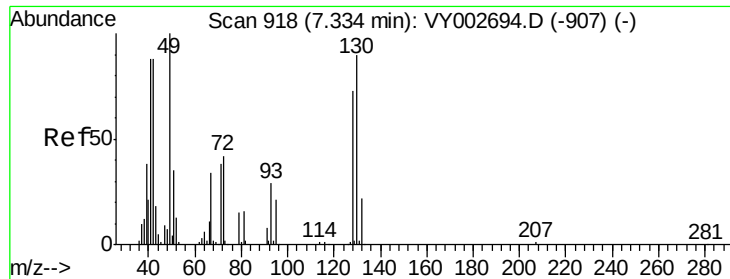
Tot Ion: 83 Resp: 300754
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 50.5 40.8 61.2



#40
Benzene
Concen: 47.286 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 78 Resp: 670154
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8





#41

Methacrylonitrile

Concen: 49.592 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 71180

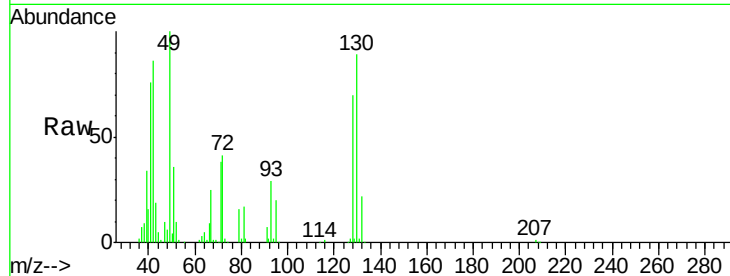
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

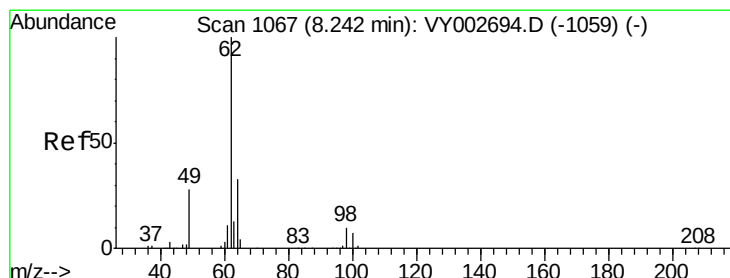
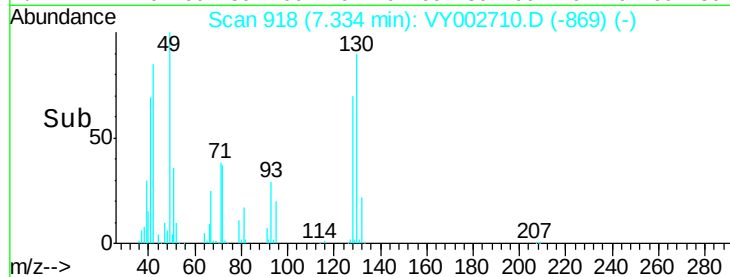
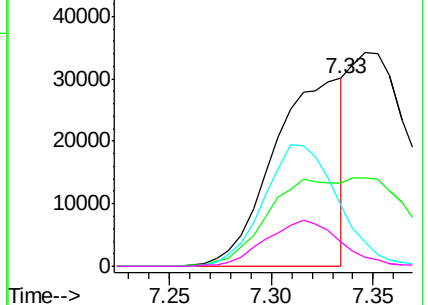


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 45.609 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002710.D

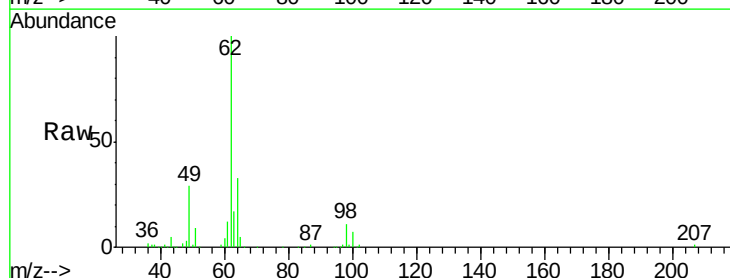
Acq: 18 May 2020 15:35

Tgt Ion: 62 Resp: 170482

Ion Ratio Lower Upper

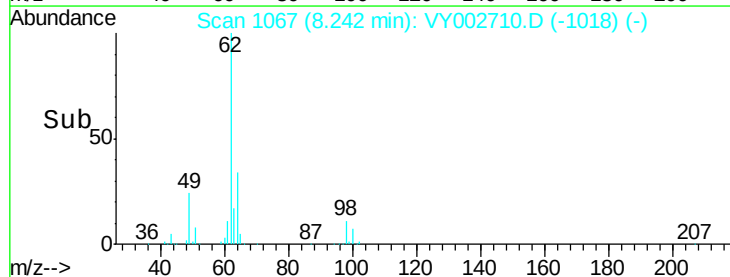
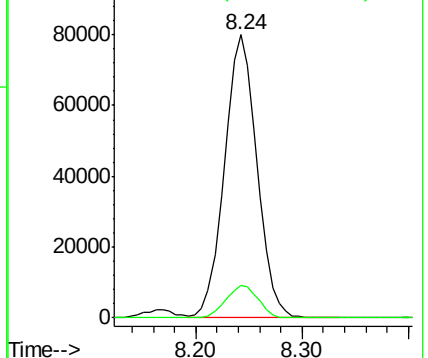
62 100

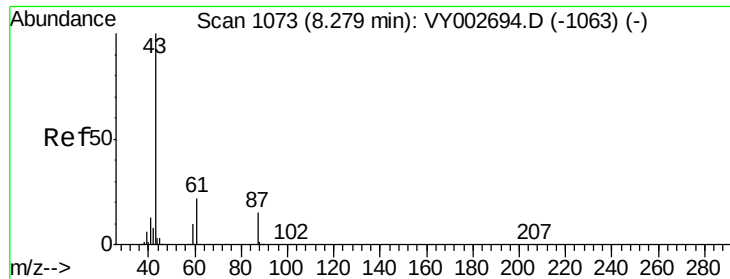
98 11.5 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 46.692 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

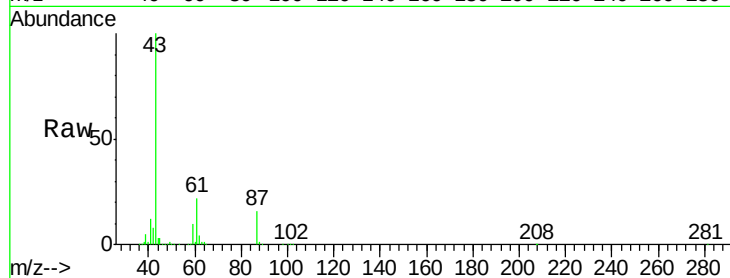
Tot Ion: 43 Resp: 207304

Ion Ratio Lower Upper

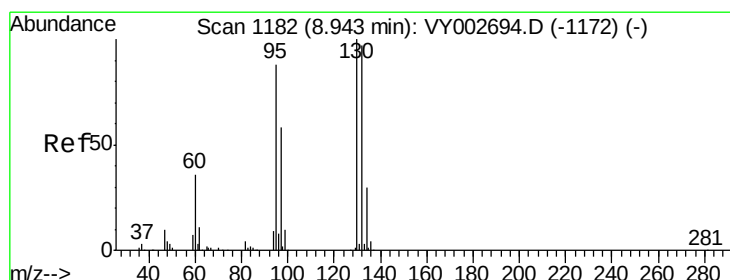
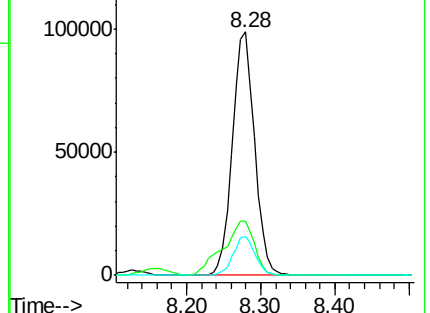
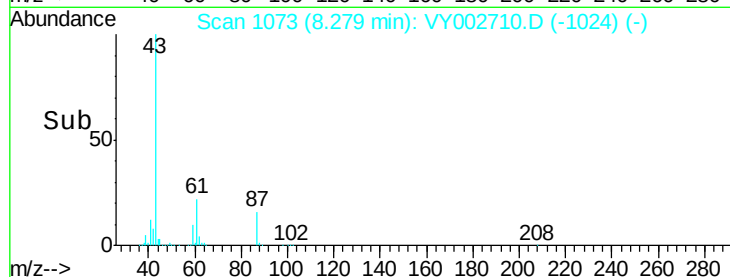
43 100

61 31.4 24.9 37.3

87 15.5 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002710.D (-1024) (-)



#44

Trichloroethene

Concen: 47.167 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002710.D

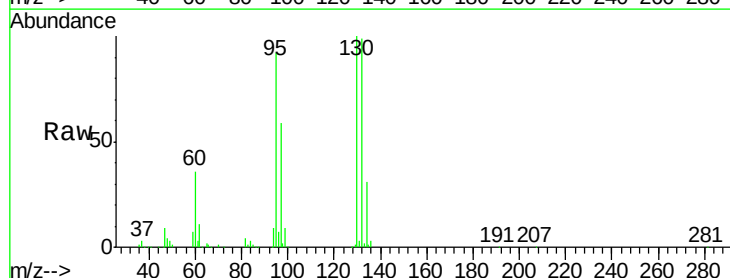
Acq: 18 May 2020 15:35

Tgt Ion:130 Resp: 213077

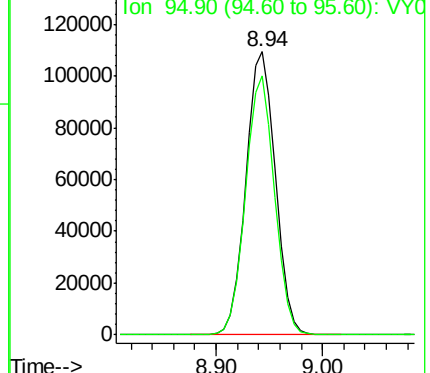
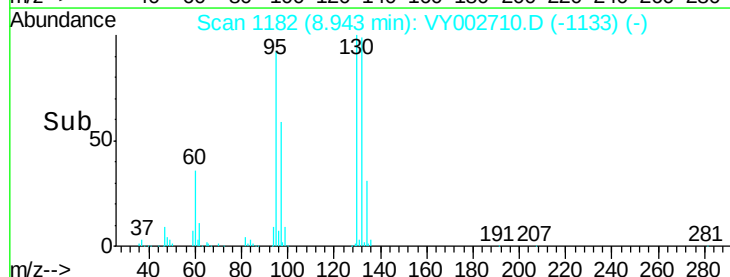
Ion Ratio Lower Upper

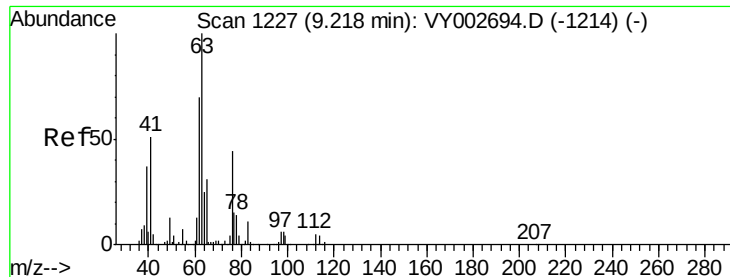
130 100

95 91.6 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002710.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 48.065 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

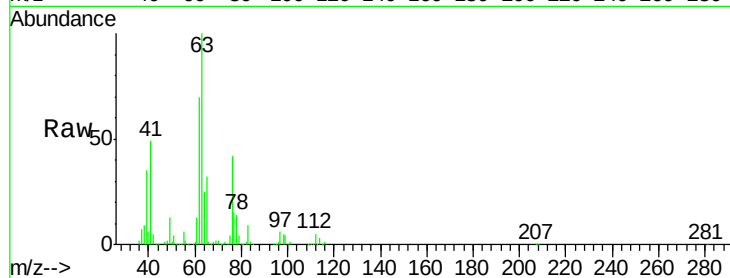
VSTDCCC050EC

Tot Ion: 63 Resp: 161671

Ion Ratio Lower Upper

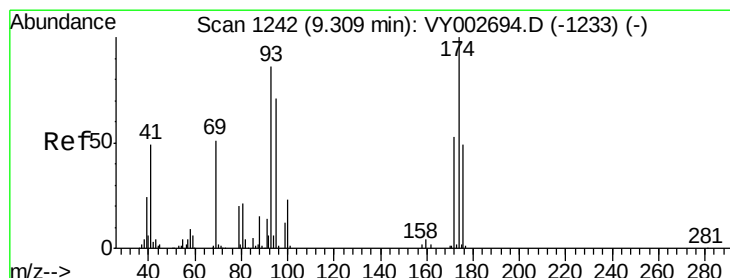
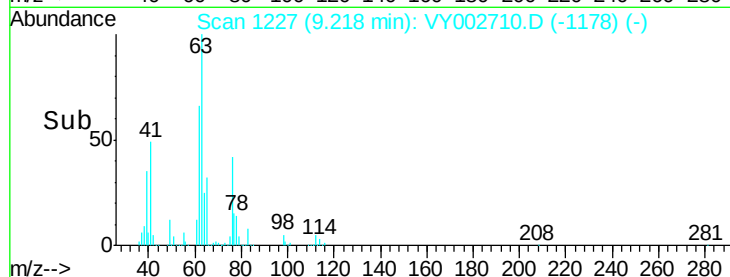
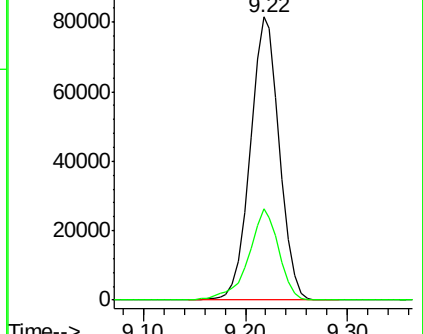
63 100

65 32.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 47.371 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

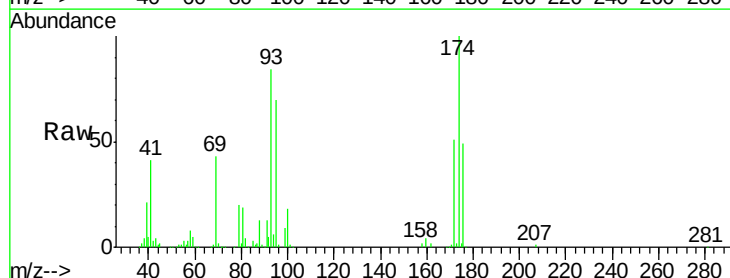
Tgt Ion: 93 Resp: 89520

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

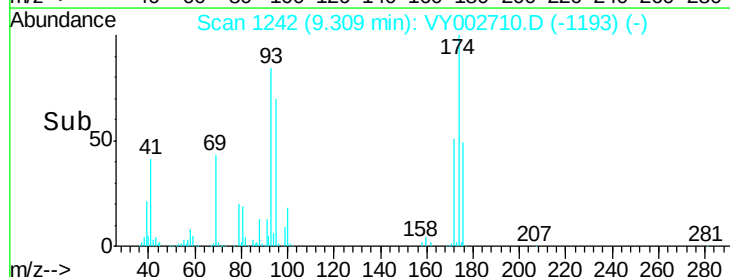
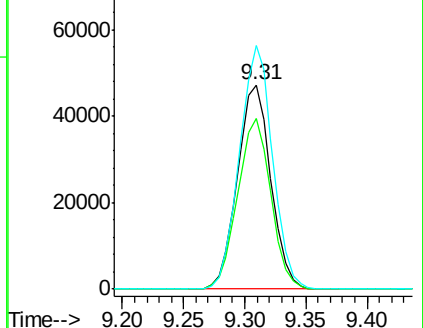
174 118.5 95.6 143.4

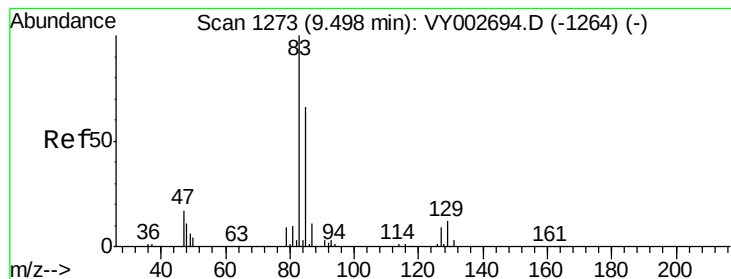


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.449 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

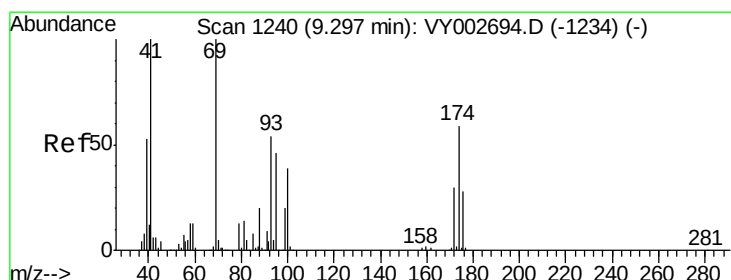
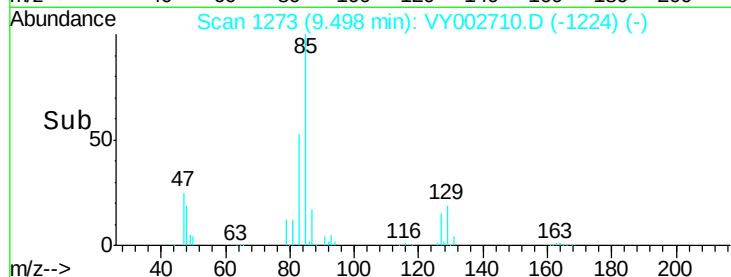
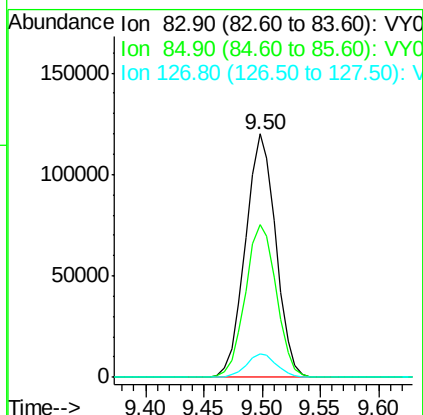
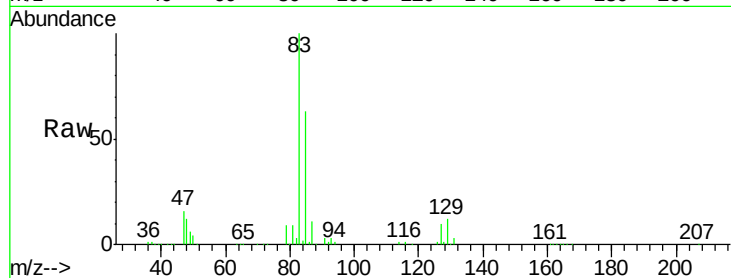
Tot Ion: 83 Resp: 218840

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

127 9.7 7.6 11.4



#48

Methyl methacrylate

Concen: 45.444 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

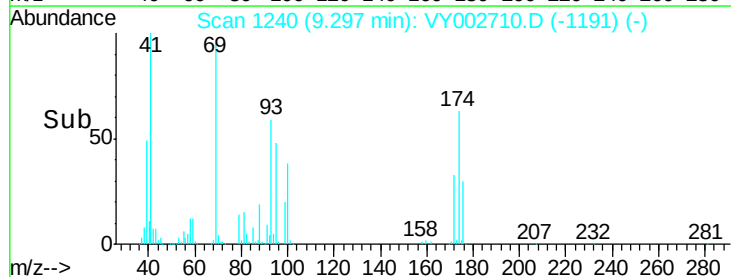
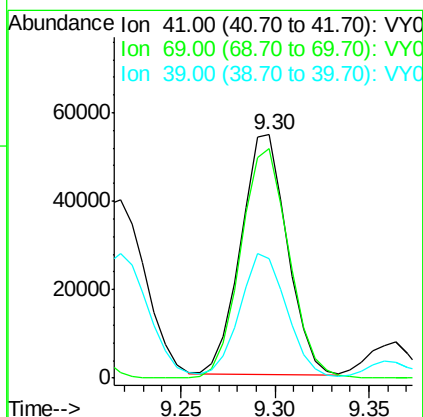
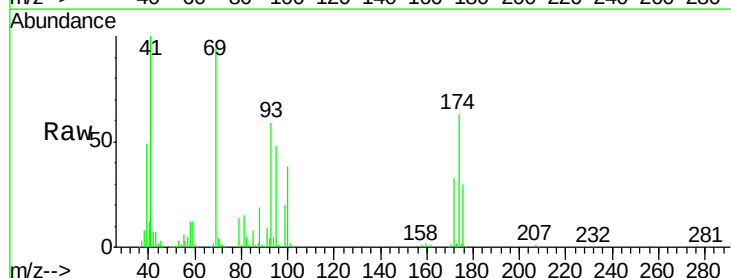
Tgt Ion: 41 Resp: 92899

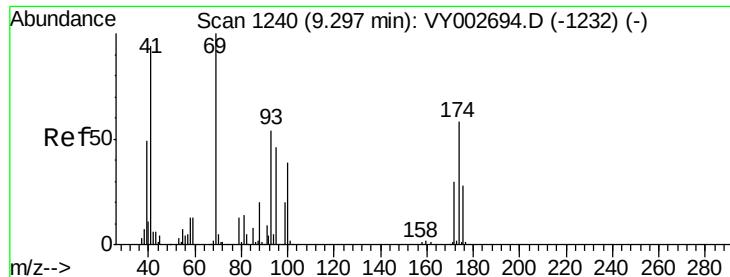
Ion Ratio Lower Upper

41 100

69 99.3 78.7 118.1

39 51.1 42.9 64.3

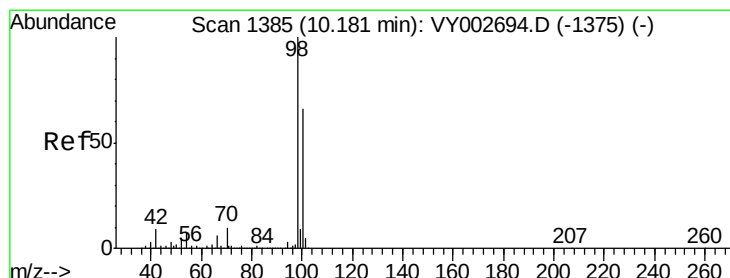
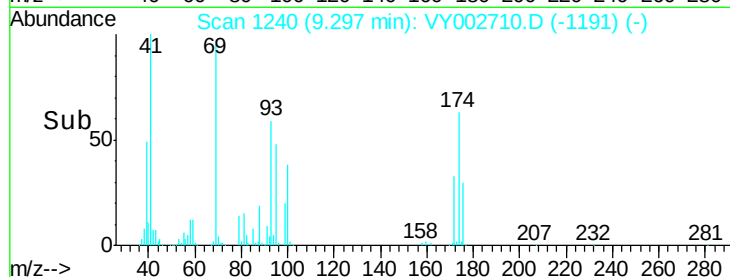
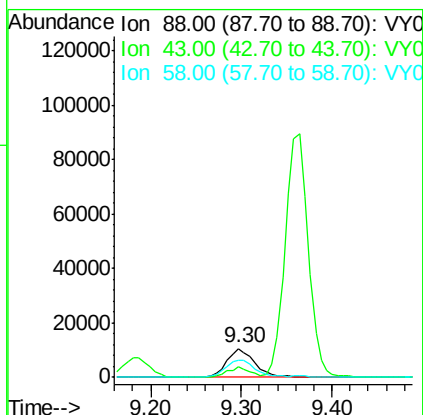
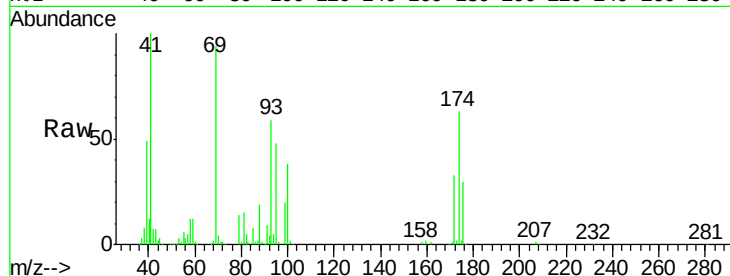




#49
1,4-Dioxane
Concen: 875.127 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

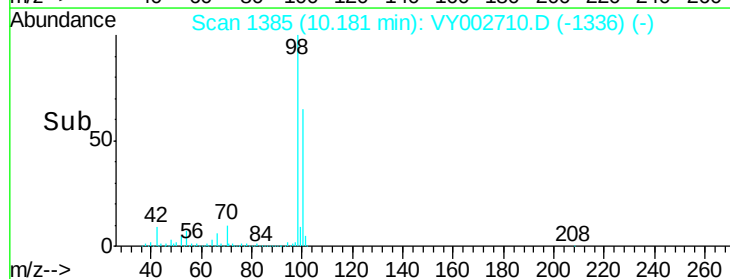
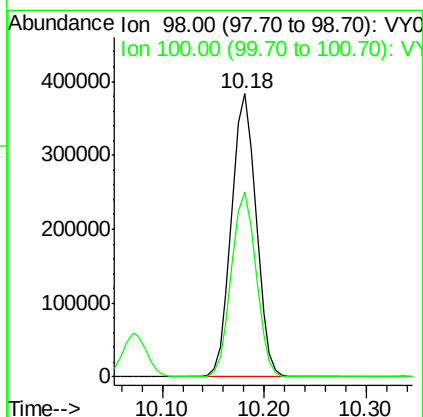
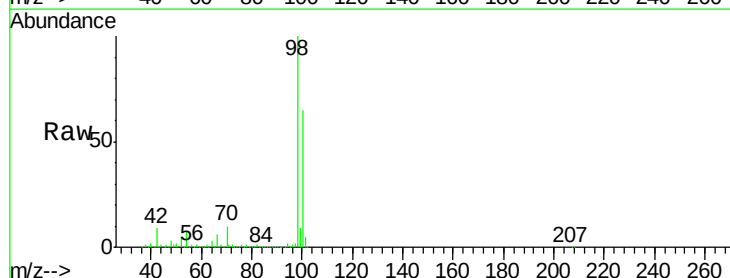
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

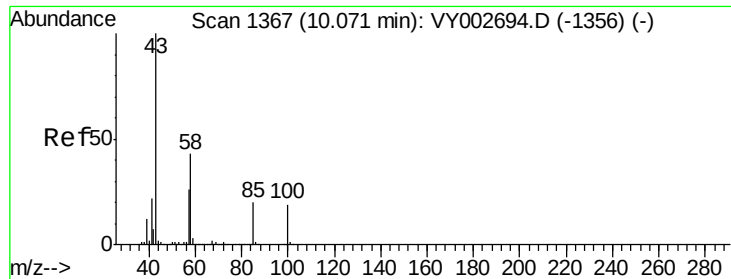
Tot Ion: 88 Resp: 22524
Ion Ratio Lower Upper
88 100
43 29.3 23.4 35.0
58 64.3 54.5 81.7



#50
Toluene-d8
Concen: 50.241 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 98 Resp: 640503
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

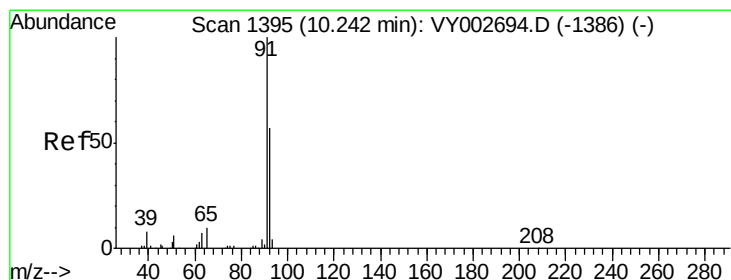
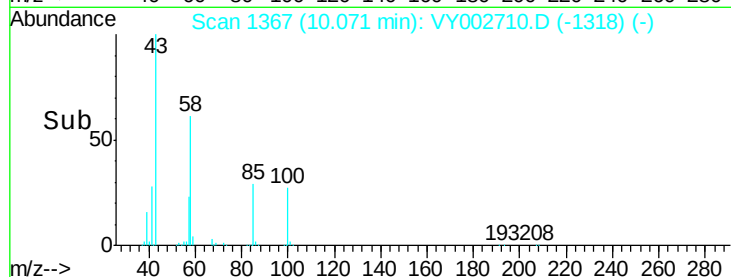
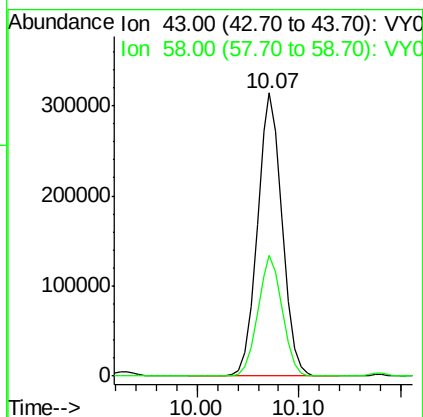
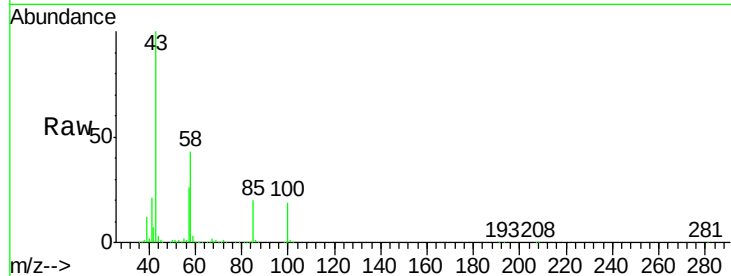




#51
 4-Methyl-2-Pentanone
 Concen: 230.272 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

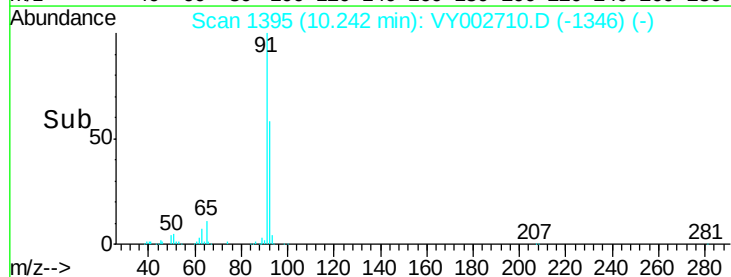
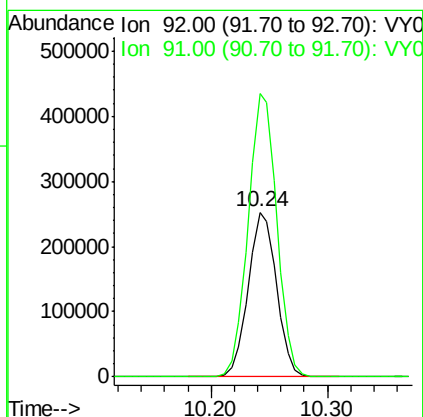
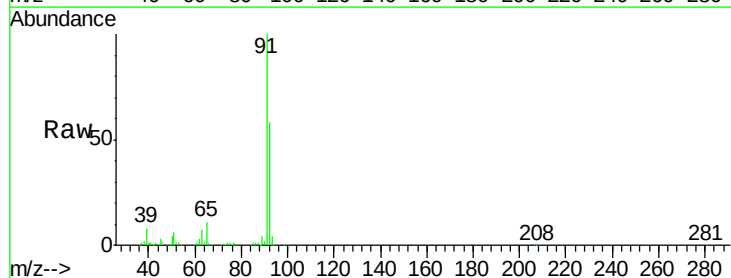
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

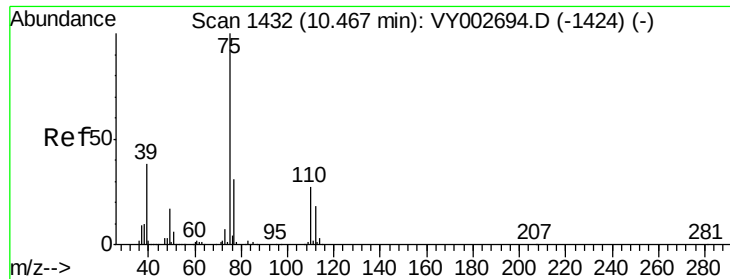
Tot Ion: 43 Resp: 527846
 Ion Ratio Lower Upper
 43 100
 58 42.1 34.1 51.1



#52
 Toluene
 Concen: 46.745 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion: 92 Resp: 428727
 Ion Ratio Lower Upper
 92 100
 91 173.9 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 47.204 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

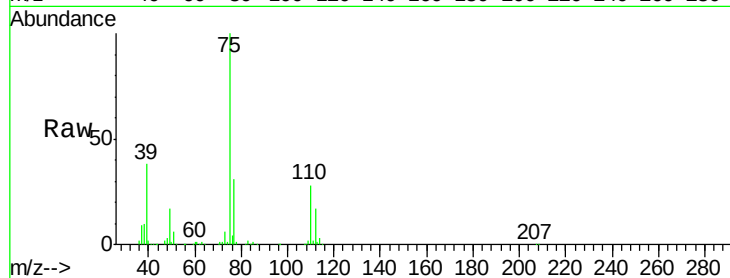
VSTDCCC050EC

Tot Ion: 75 Resp: 232371

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

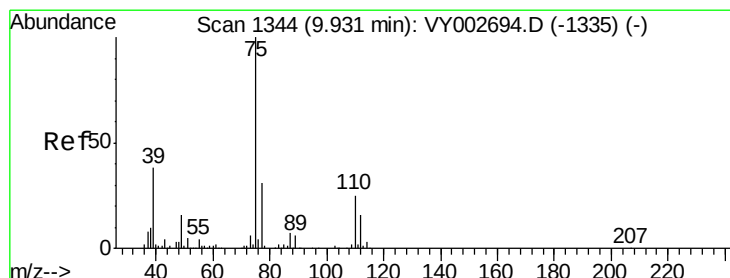
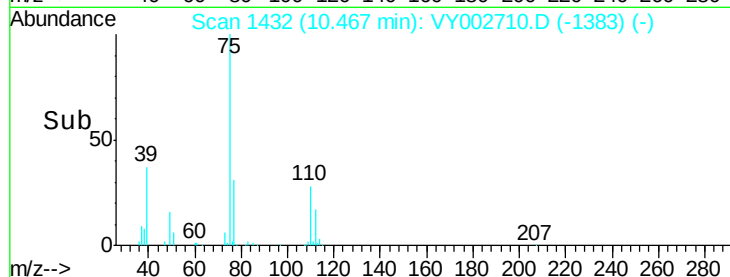
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.669 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

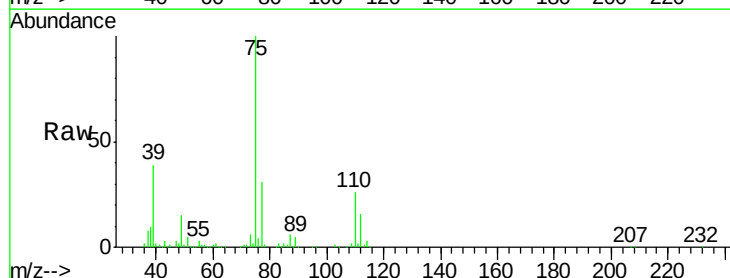
Tgt Ion: 75 Resp: 272038

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 38.9 30.7 46.1



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

200000

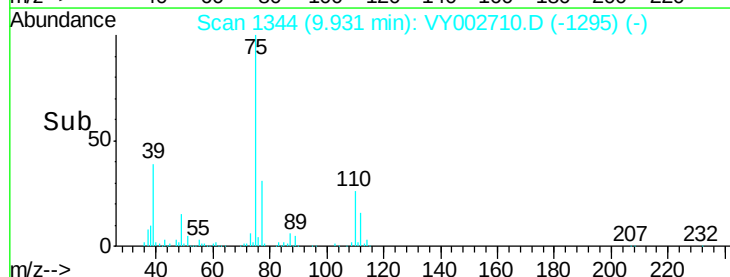
150000

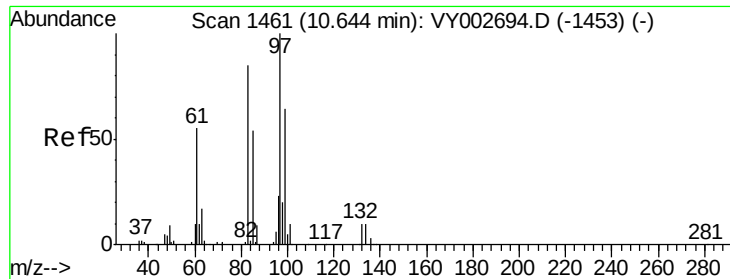
100000

50000

0

Time-->



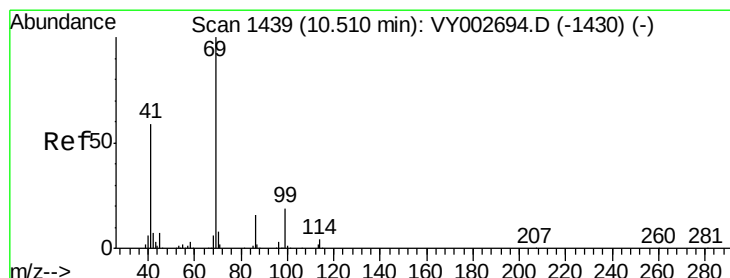
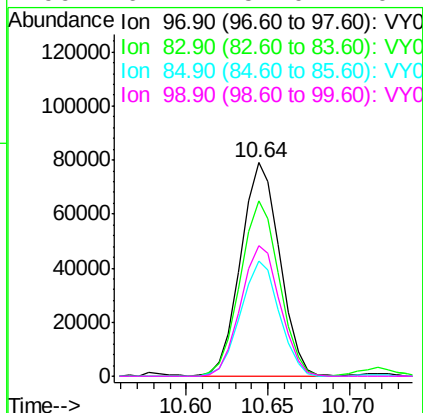
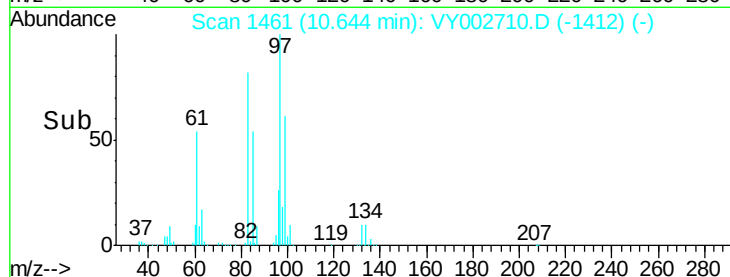
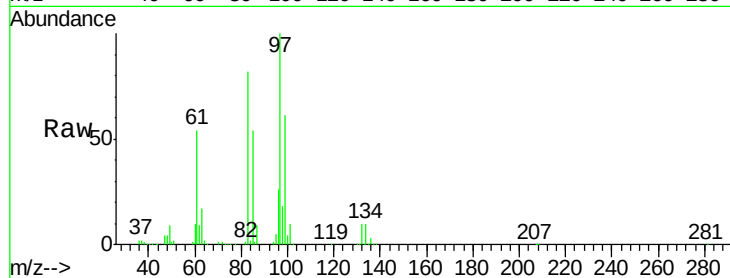


#55
 1,1,2-Trichloroethane
 Concen: 46.708 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 131411

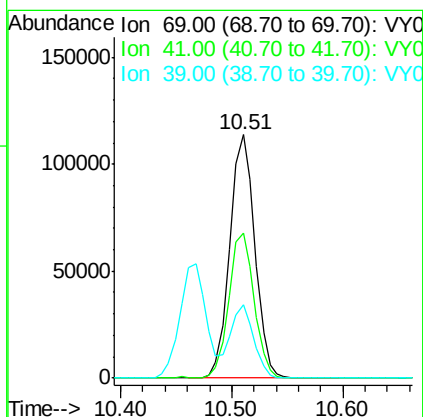
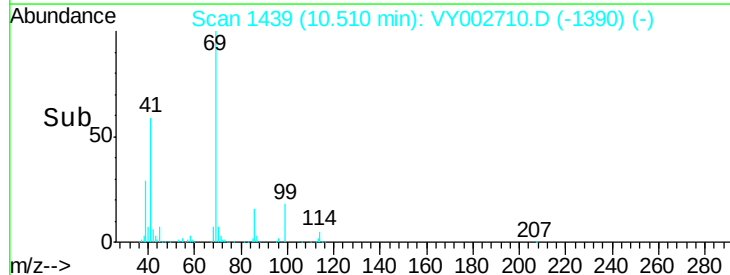
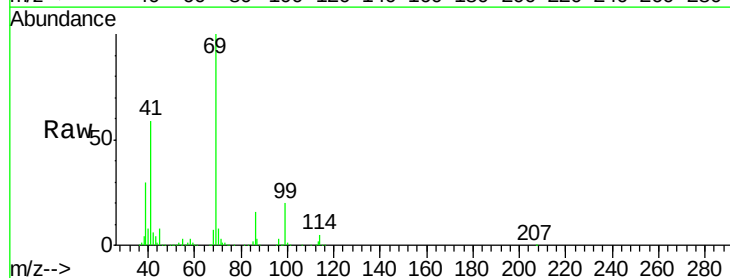
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.1	102.1
85	54.2	43.1	64.7
99	61.2	51.0	76.4

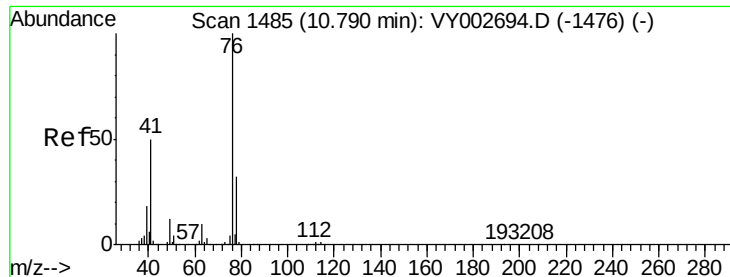


#56
 Ethyl methacrylate
 Concen: 47.332 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion: 69 Resp: 177282

Ion	Ratio	Lower	Upper
69	100		
41	59.7	48.0	72.0
39	29.0	22.1	33.1





#57

1,3-Dichloropropane

Concen: 46.702 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

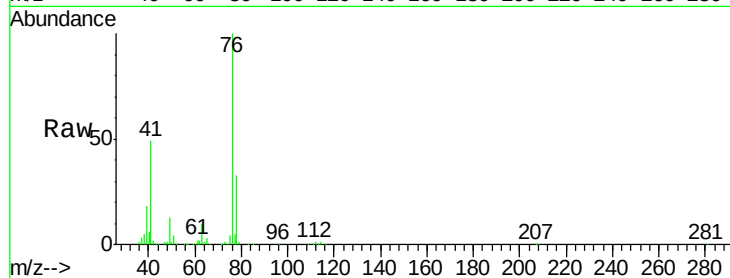
VSTDCCC050EC

Tot Ion: 76 Resp: 220185

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

150000

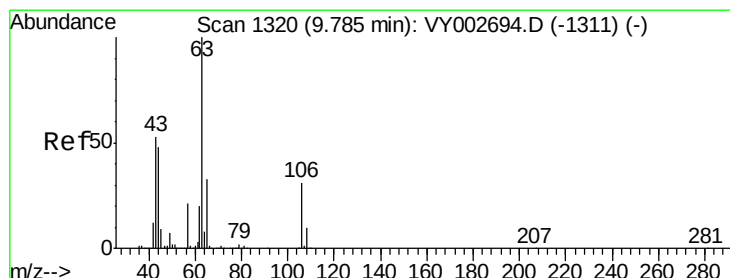
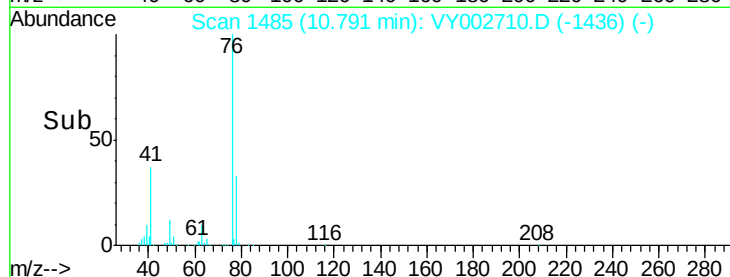
100000

50000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 241.675 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002710.D

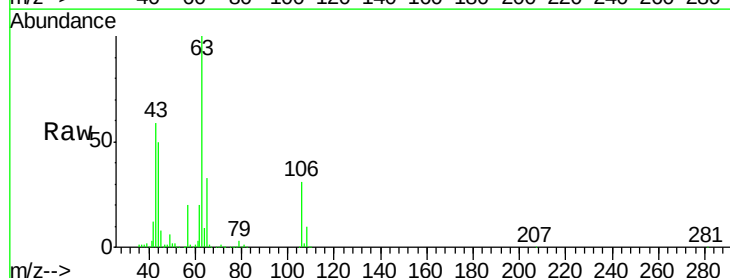
Acq: 18 May 2020 15:35

Tgt Ion: 63 Resp: 446868

Ion Ratio Lower Upper

63 100

106 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

150000

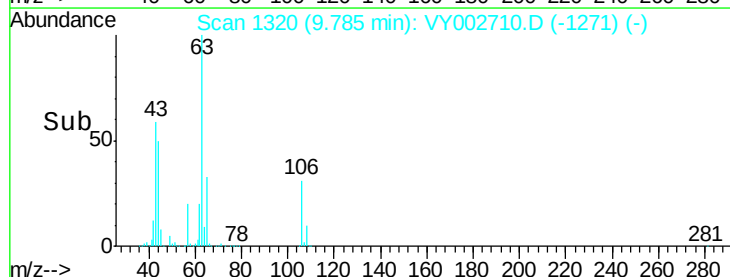
100000

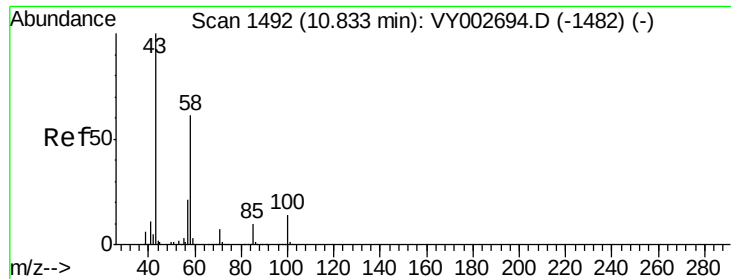
50000

0

Time-->

9.70 9.80 9.90

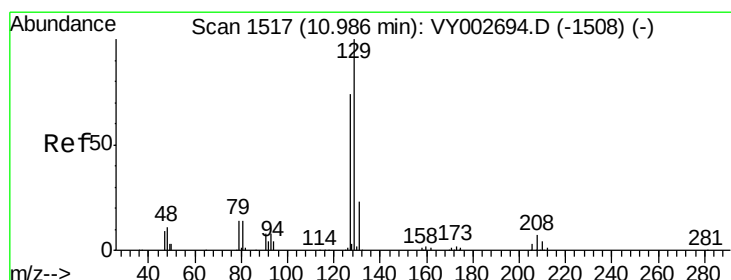
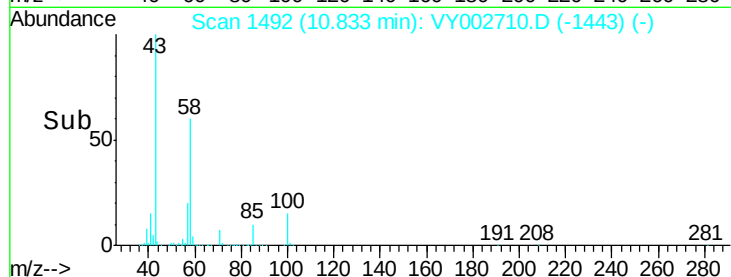
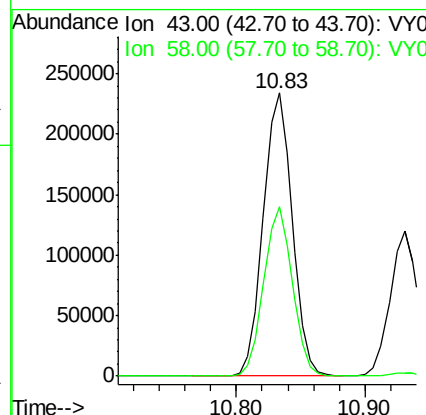
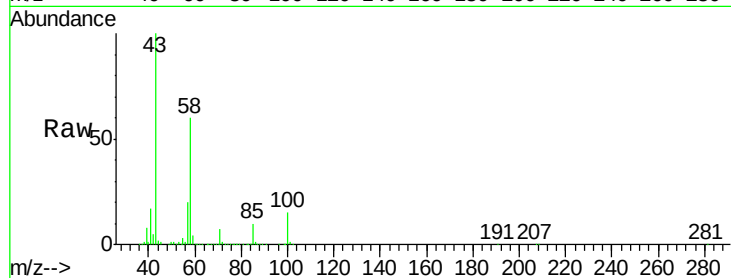




#59
2-Hexanone
Concen: 228.029 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

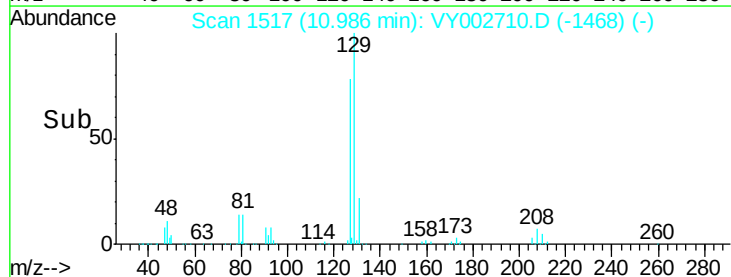
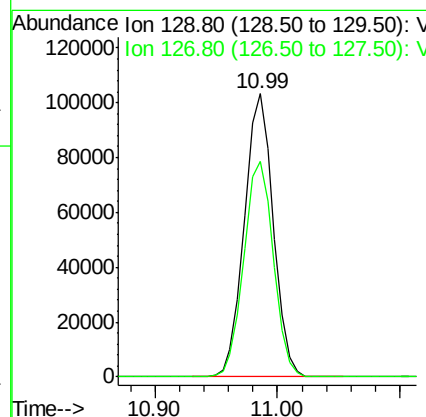
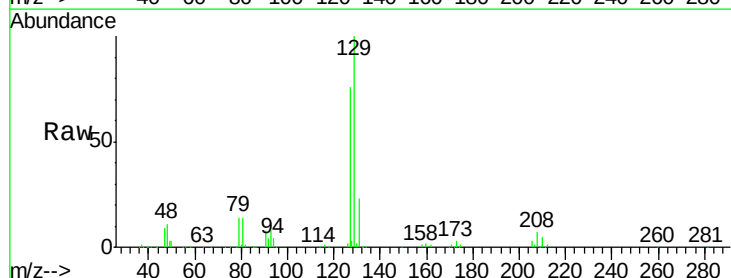
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

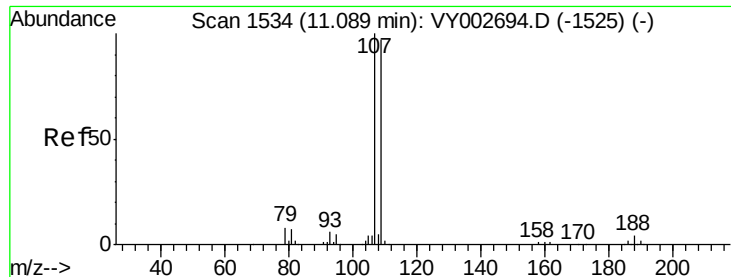
Tot Ion: 43 Resp: 364169
Ion Ratio Lower Upper
43 100
58 59.1 29.8 89.4



#60
Dibromochloromethane
Concen: 47.069 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 129 Resp: 169180
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

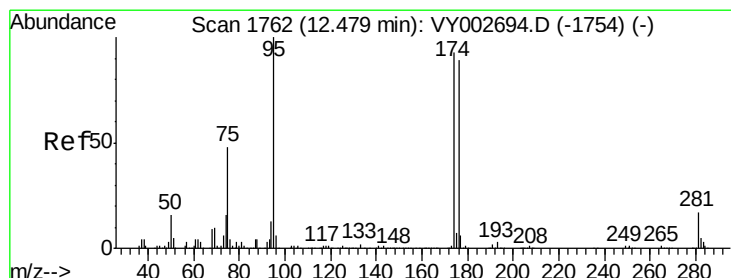
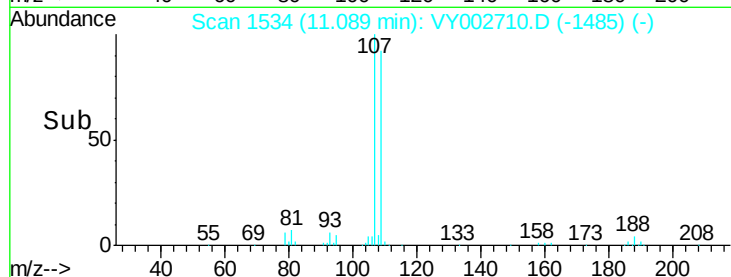
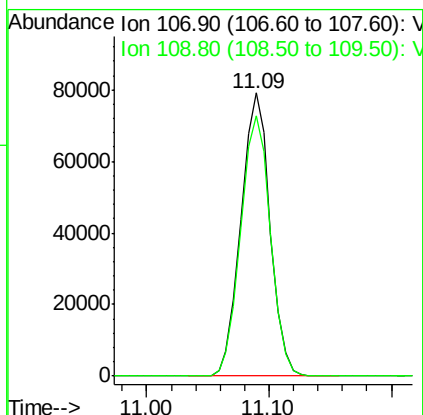
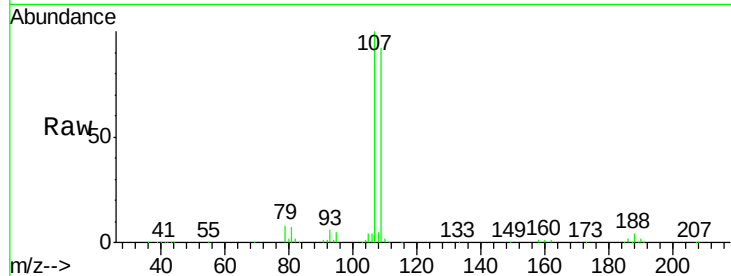




#61
 1,2-Dibromoethane
 Concen: 46.856 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

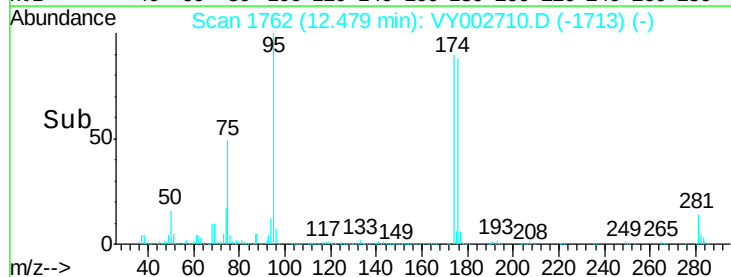
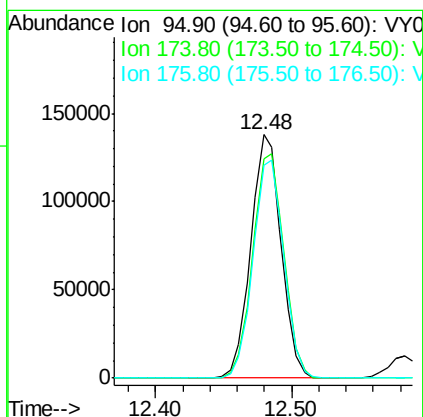
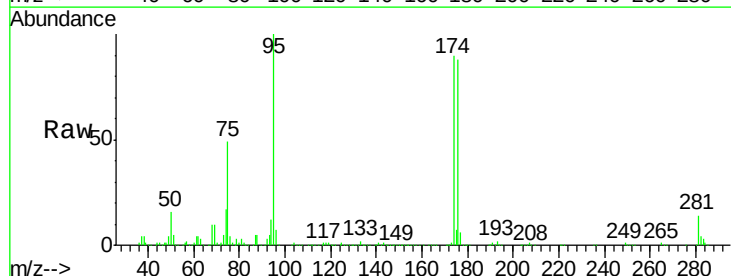
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

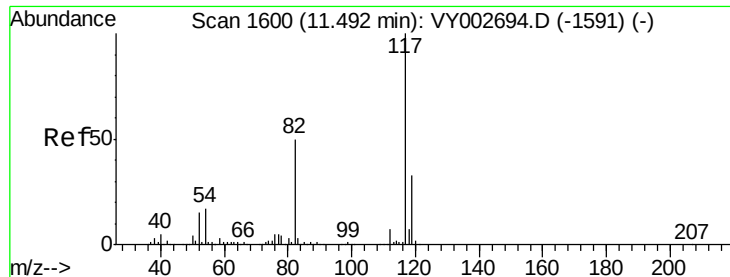
Tot Ion:107 Resp: 129880
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.308 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion: 95 Resp: 216052
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 191.4
 176 91.0 0.0 186.0

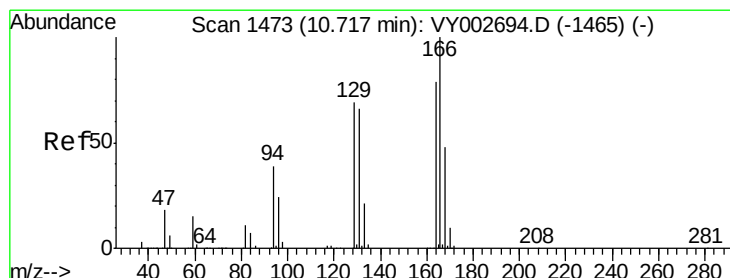
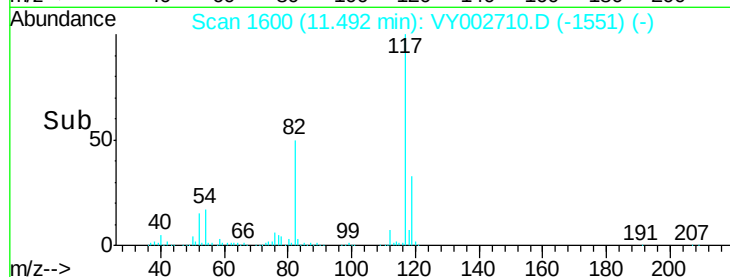
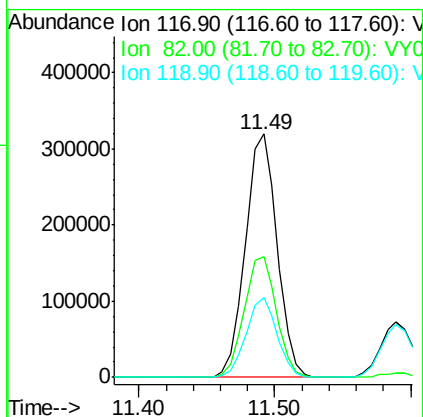
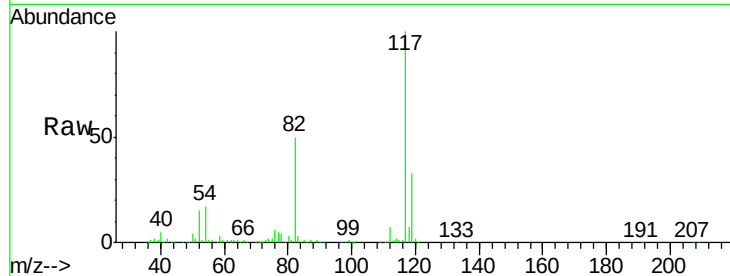




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

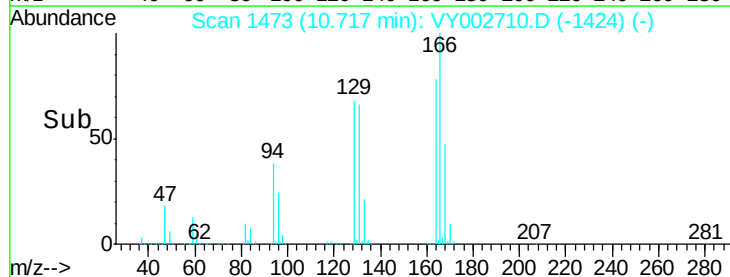
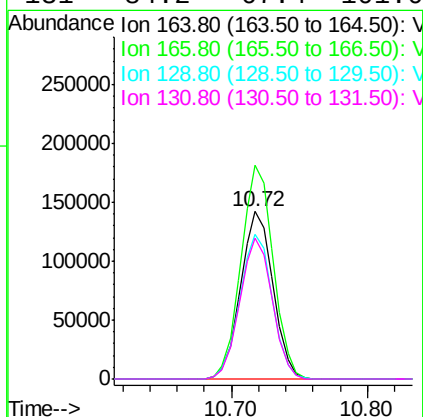
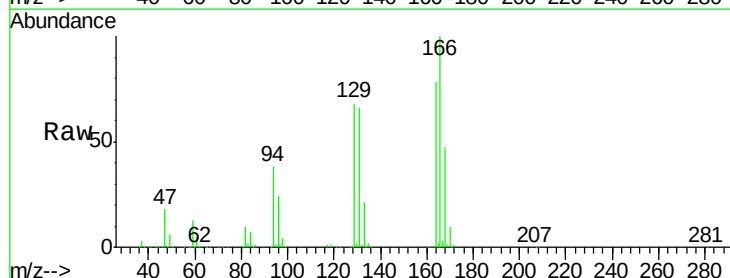
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

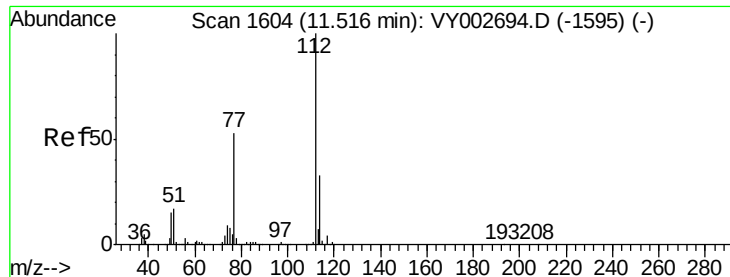
Tot Ion:117 Resp: 520530
Ion Ratio Lower Upper
117 100
82 49.8 40.3 60.5
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 47.819 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion:164 Resp: 236310
Ion Ratio Lower Upper
164 100
166 127.7 101.6 152.4
129 86.5 70.2 105.4
131 84.2 67.4 101.0

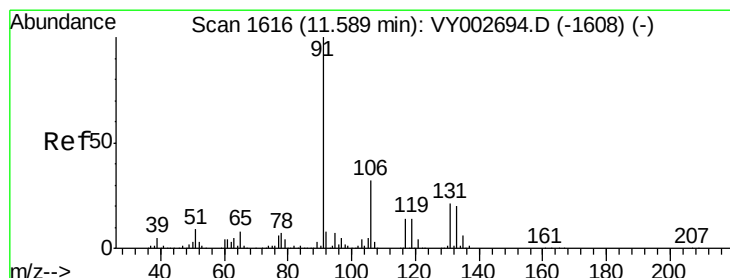
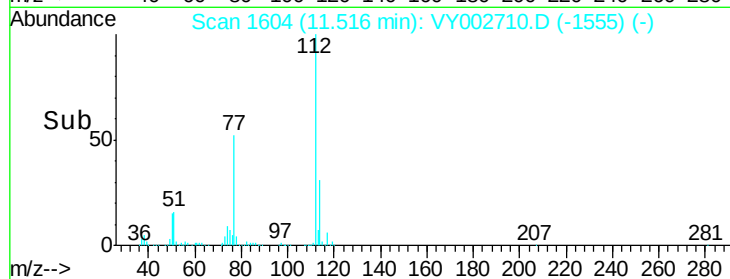
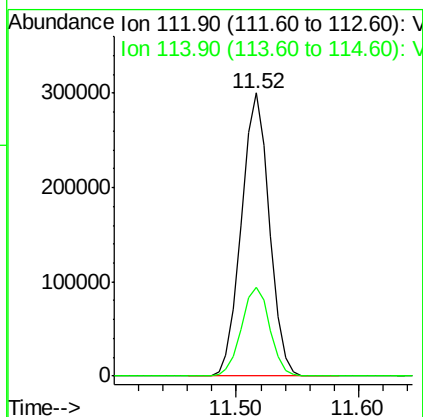
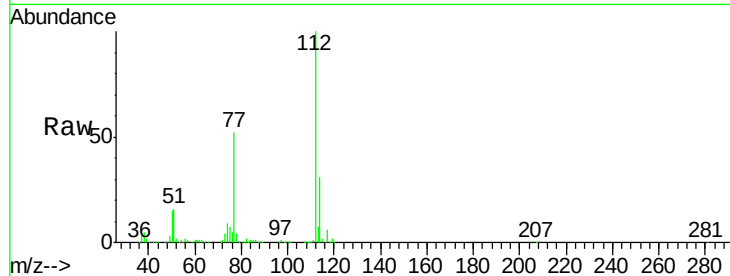




#65
Chlorobenzene
Concen: 47.241 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

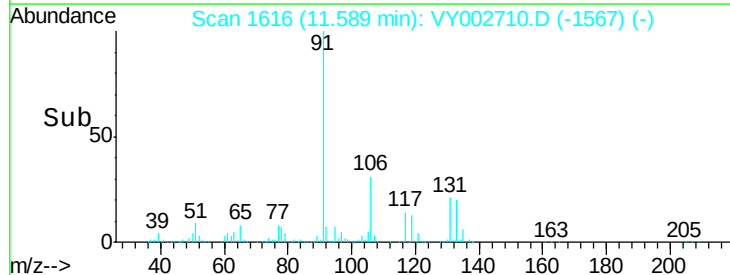
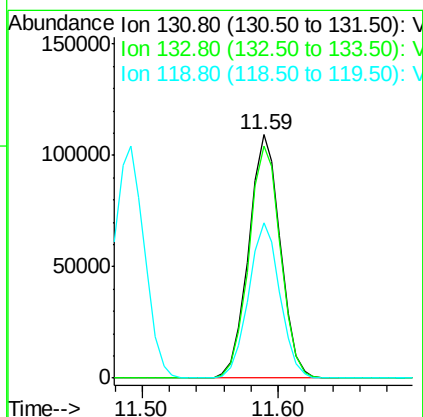
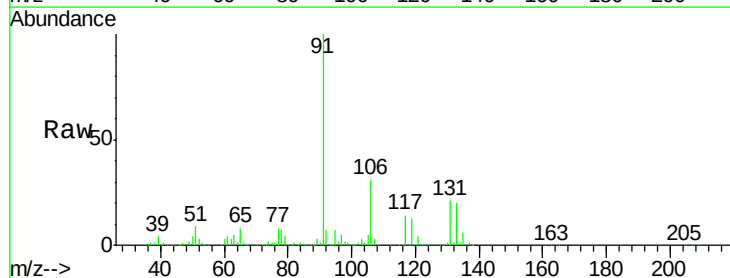
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

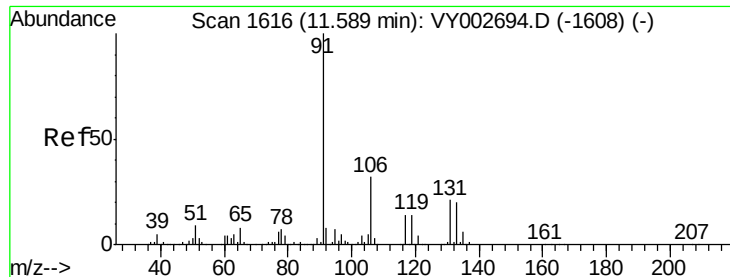
Tot Ion:112 Resp: 475177
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.570 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion:131 Resp: 177584
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 63.5 31.6 94.8

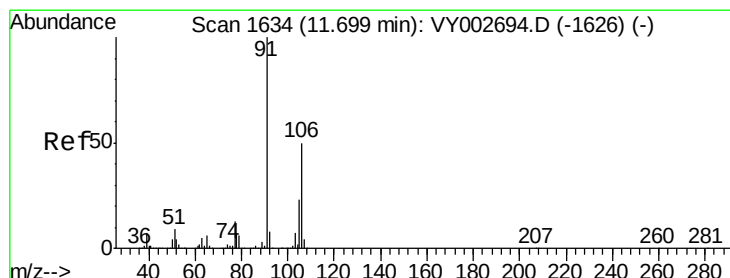
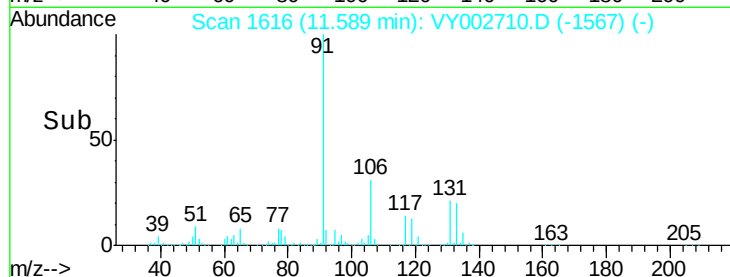
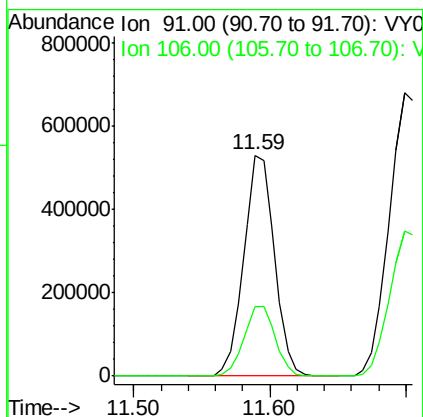
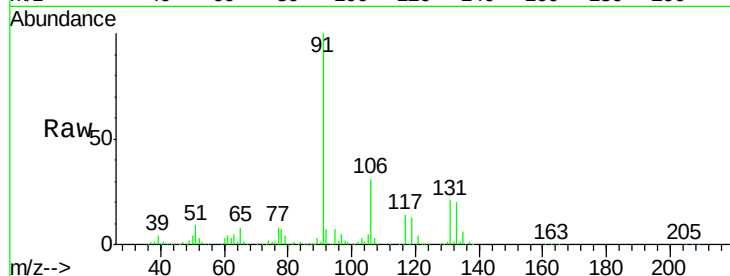




#67
Ethyl Benzene
Concen: 47.191 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

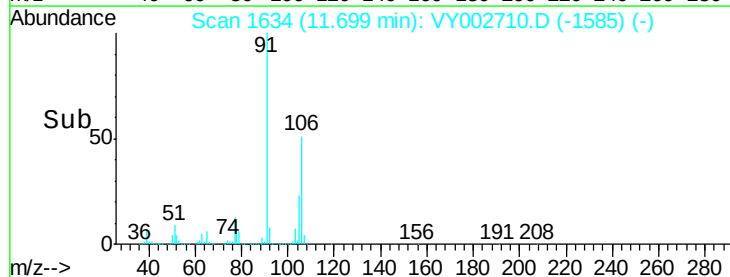
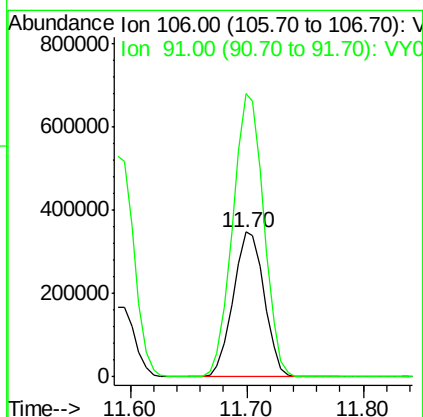
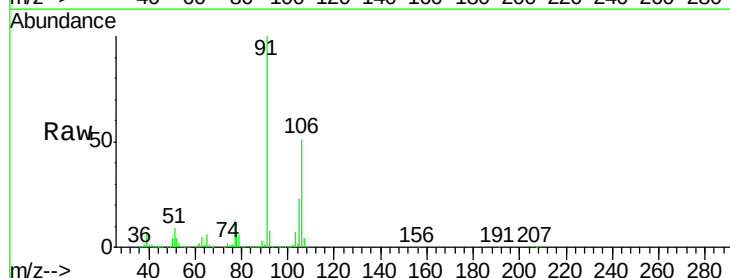
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

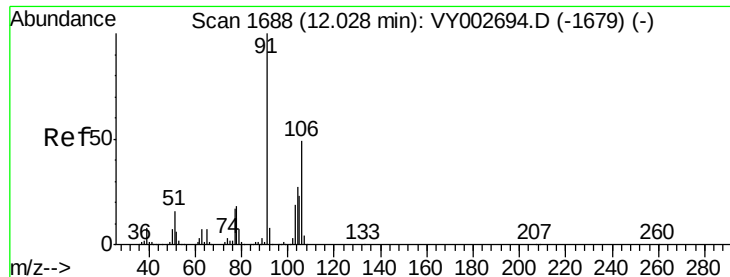
Tot Ion: 91 Resp: 833435
Ion Ratio Lower Upper
91 100
106 31.4 26.0 39.0



#68
m/p-Xylenes
Concen: 94.020 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion: 106 Resp: 646014
Ion Ratio Lower Upper
106 100
91 195.1 156.2 234.4

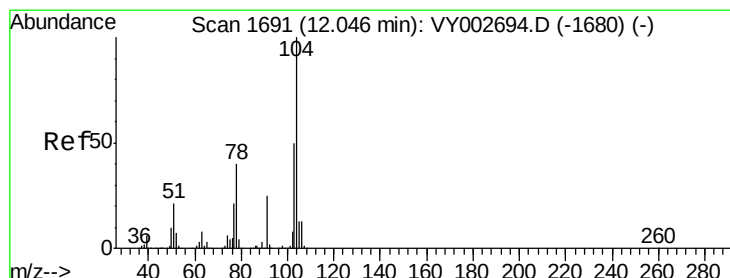
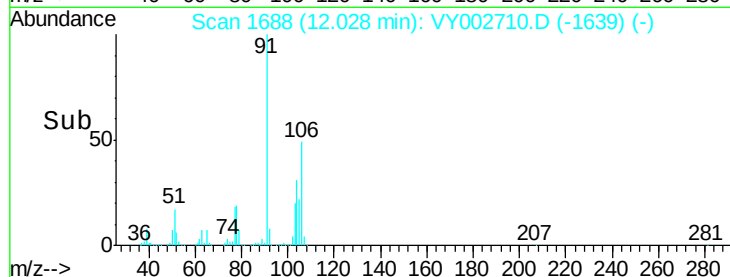
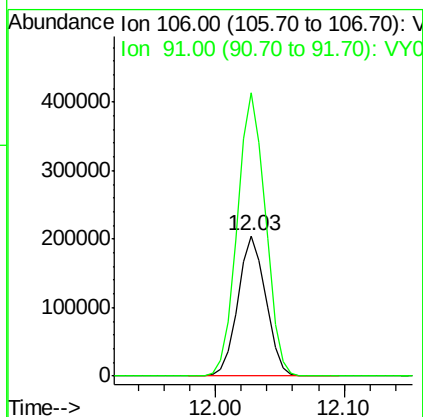
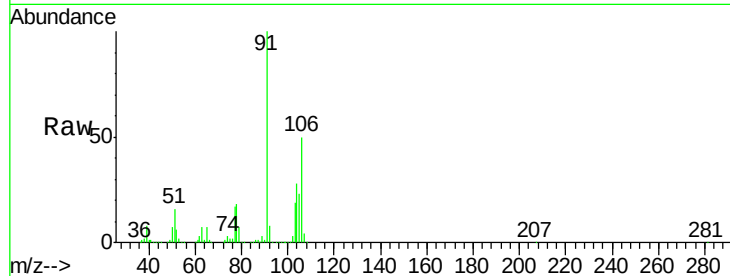




#69
o-Xylene
Concen: 47.502 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

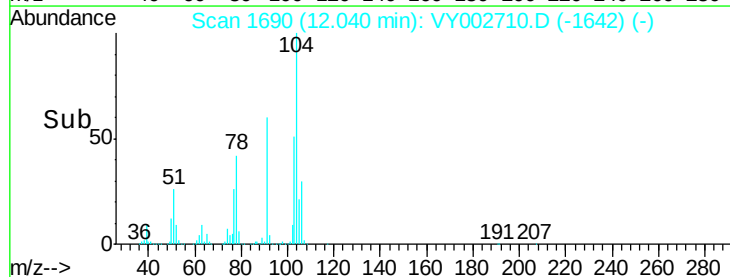
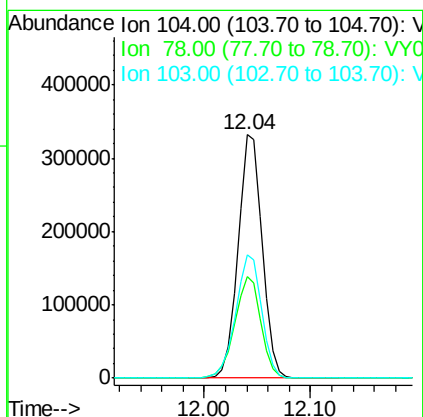
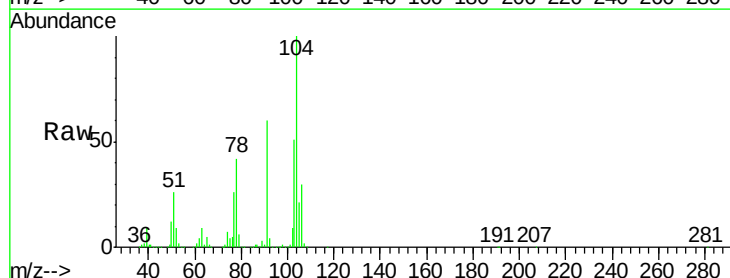
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

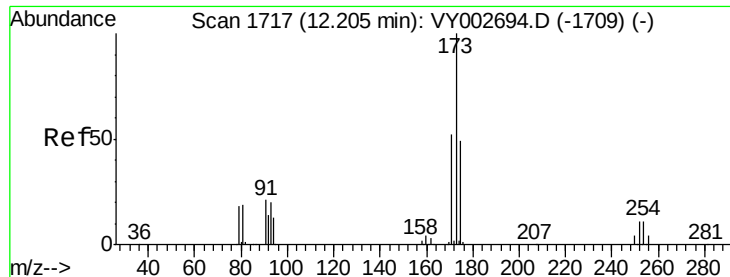
Tot Ion:106 Resp: 306338
Ion Ratio Lower Upper
106 100
91 204.2 103.5 310.3



#70
Styrene
Concen: 47.613 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion:104 Resp: 527189
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 54.4 44.1 66.1





#71

Bromoform

Concen: 46.489 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

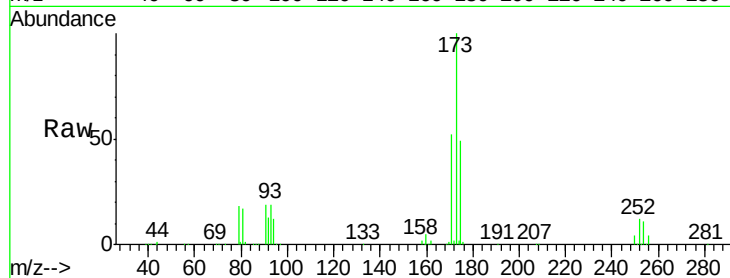
Tot Ion:173 Resp: 107277

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

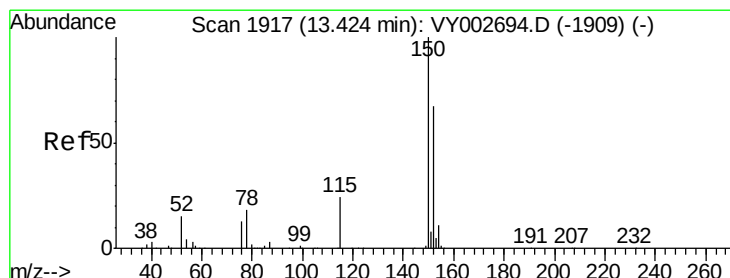
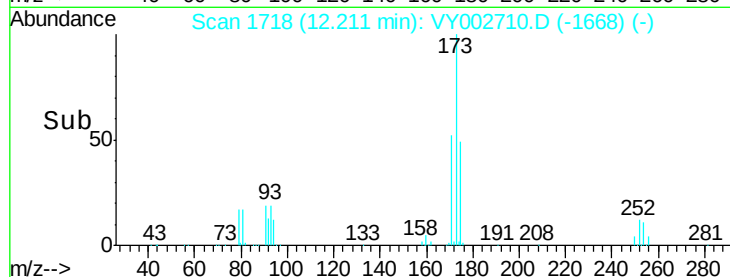
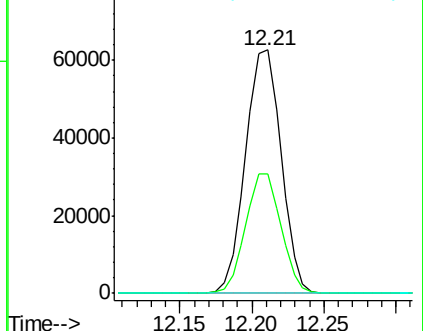
254 0.1 0.1 0.1



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: VY002710.D

Acq: 18 May 2020 15:35

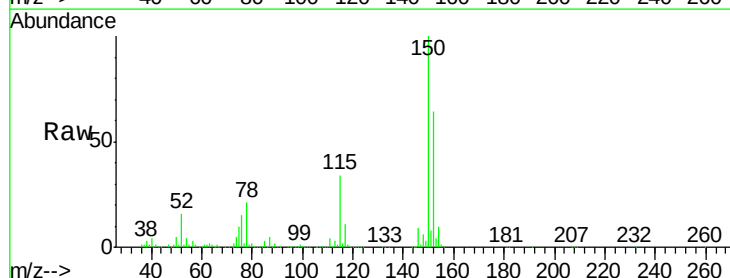
Tgt Ion:152 Resp: 268132

Ion Ratio Lower Upper

152 100

115 53.1 27.2 81.6

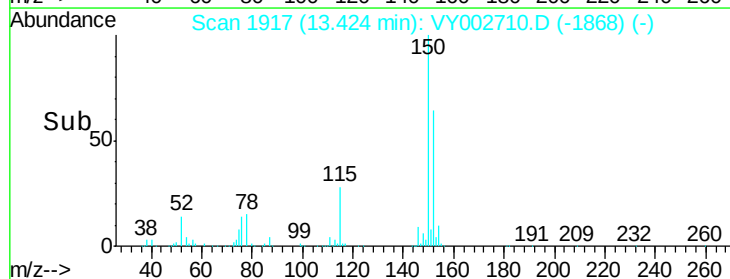
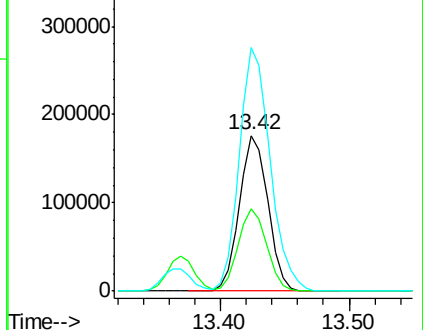
150 170.2 0.0 343.8

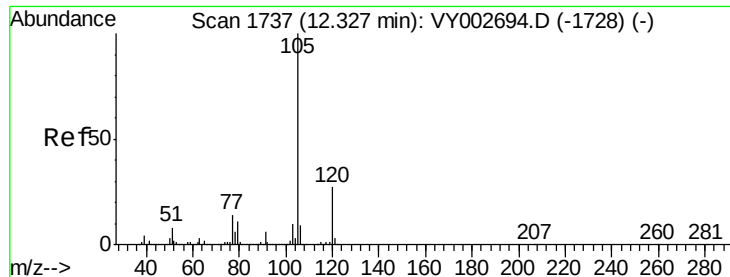


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.475 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

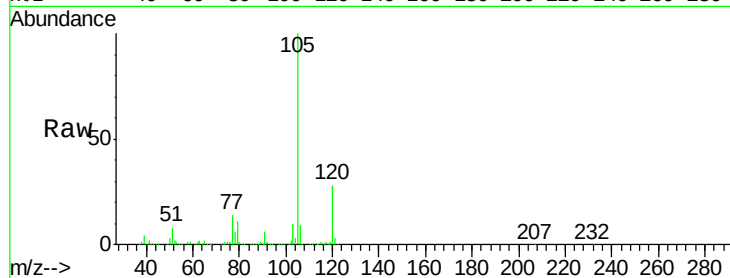
VSTDCCC050EC

Tot Ion:105 Resp: 831776

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

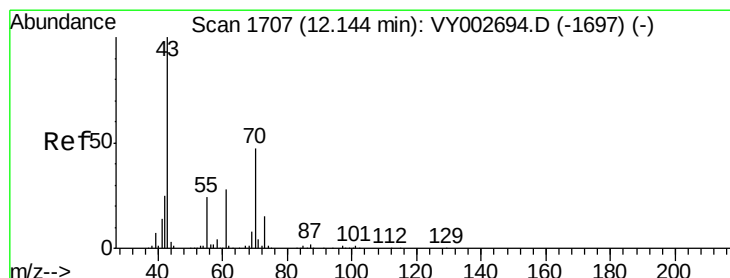
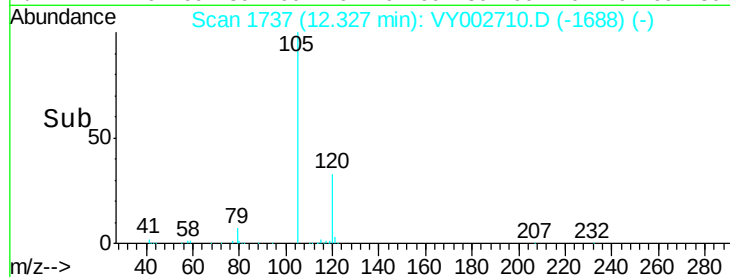
300000

200000

100000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 47.209 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Tgt Ion: 43 Resp: 194092

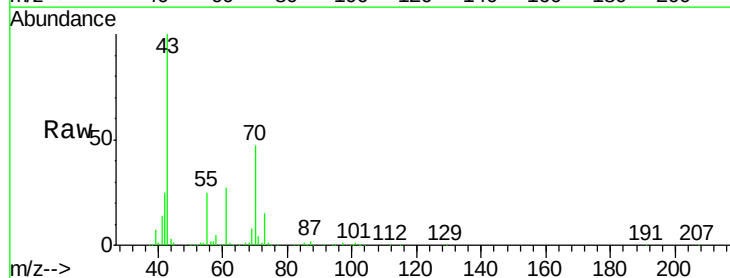
Ion Ratio Lower Upper

43 100

70 47.2 37.7 56.5

55 24.7 19.4 29.0

61 26.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

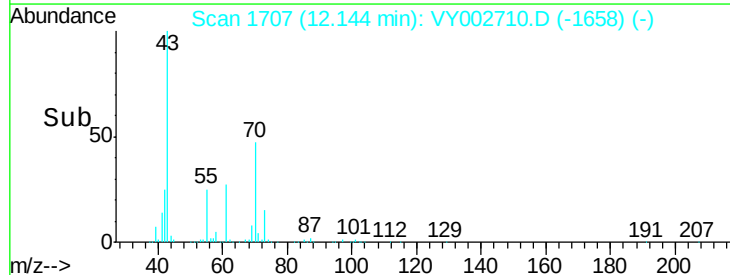
150000

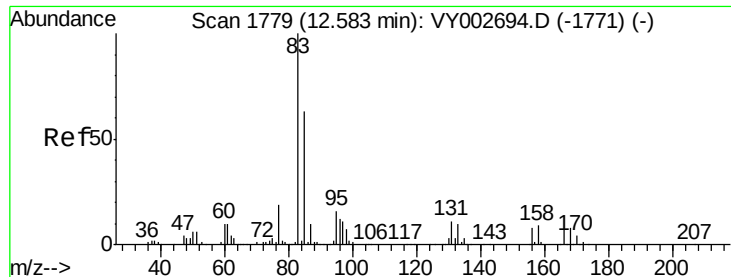
100000

50000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 45.775 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

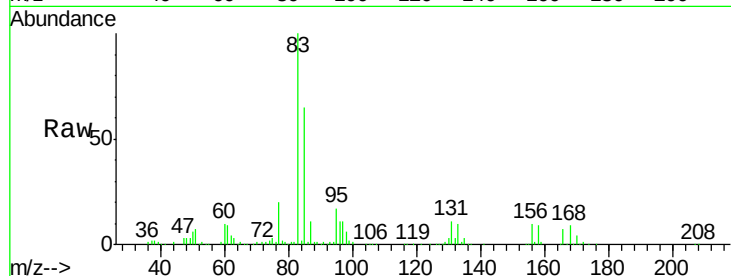
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 118100

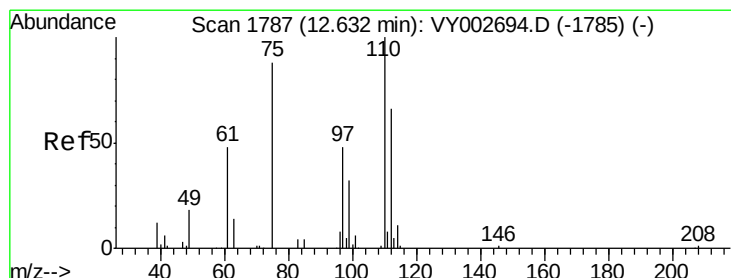
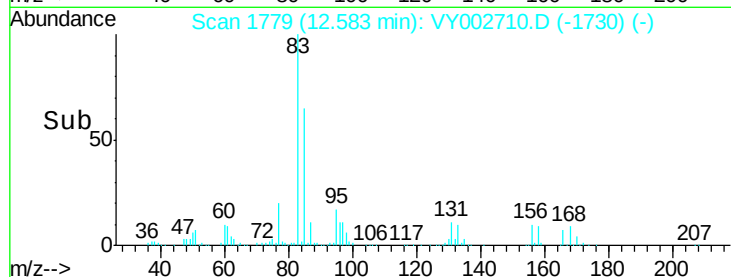
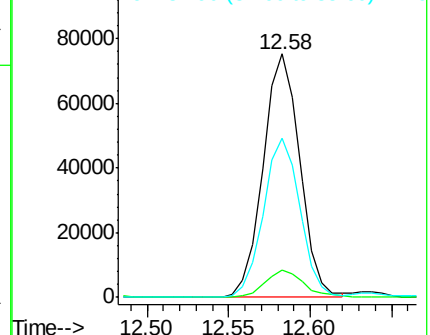
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.8	17.3
85	65.2	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002710.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002710.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002710.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 46.943 ug/l m

RT: 12.63 min Scan# 1787

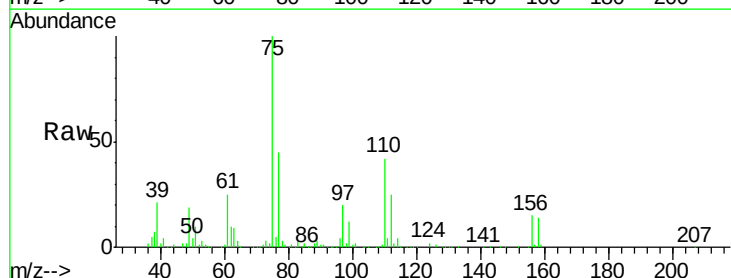
Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

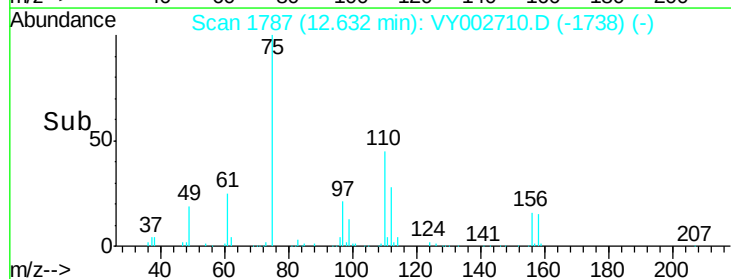
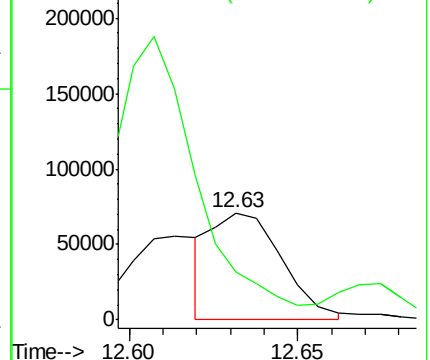
Tgt Ion: 75 Resp: 103398

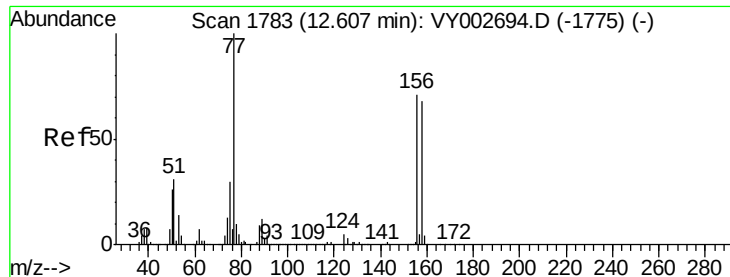
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002710.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002710.D (-1738) (-)





#77

Bromobenzene

Concen: 47.270 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

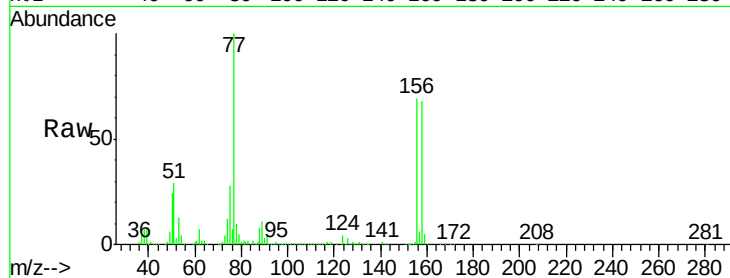
Tot Ion:156 Resp: 207052

Ion Ratio Lower Upper

156 100

77 160.3 80.8 242.3

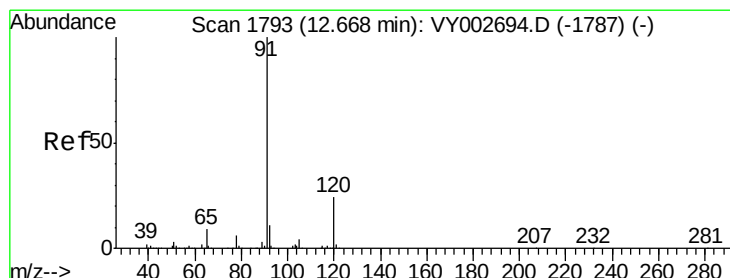
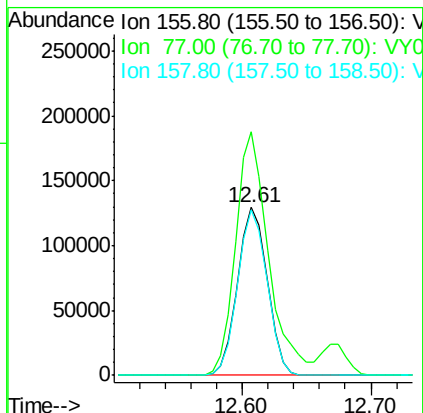
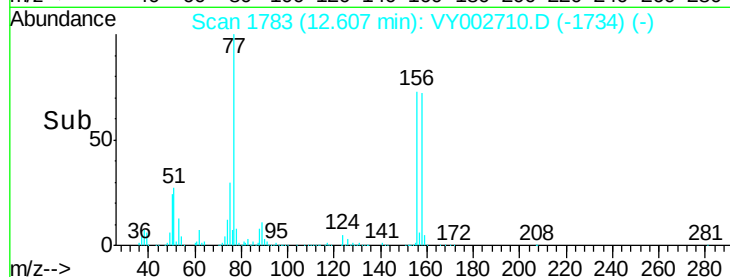
158 97.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.351 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002710.D

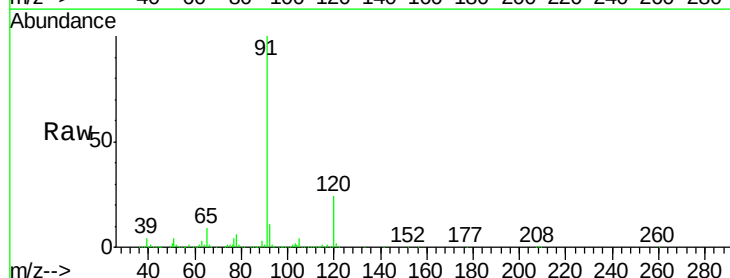
Acq: 18 May 2020 15:35

Tgt Ion: 91 Resp: 965088

Ion Ratio Lower Upper

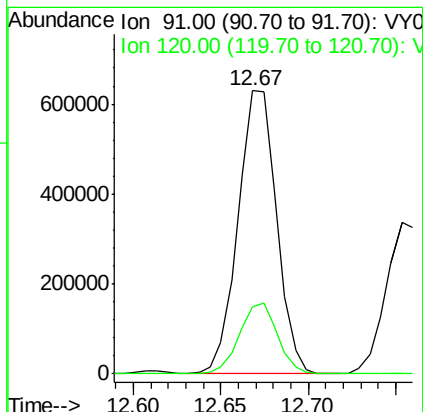
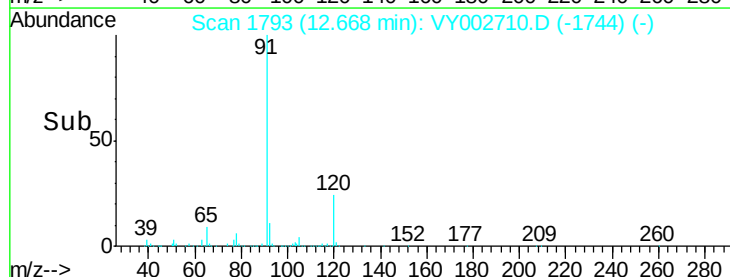
91 100

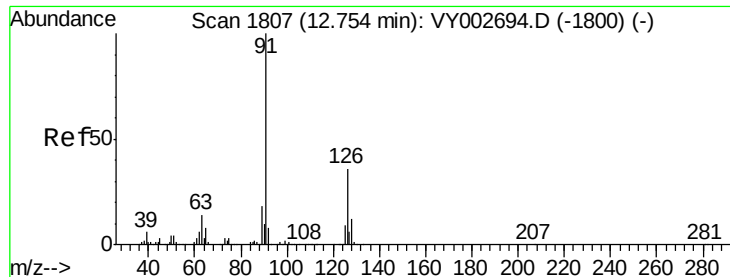
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.143 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

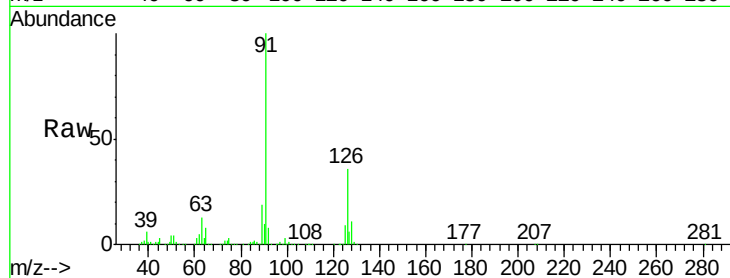
VSTDCCC050EC

Tot Ion: 91 Resp: 532919

Ion Ratio Lower Upper

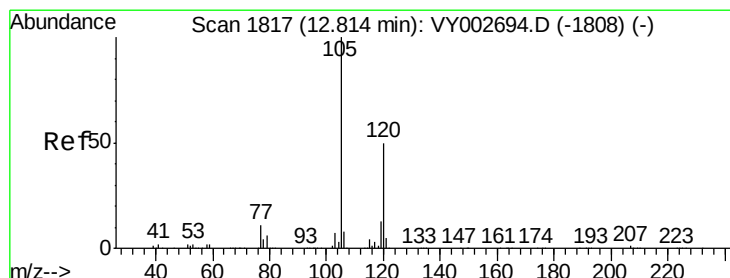
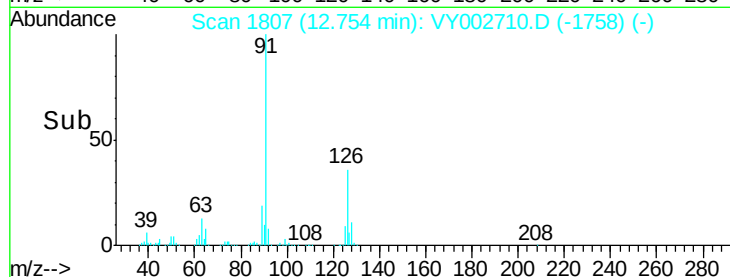
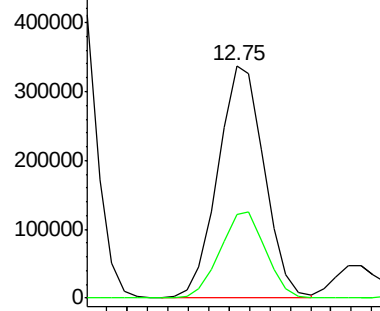
91 100

126 36.7 18.4 55.0



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: 46.956 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002710.D

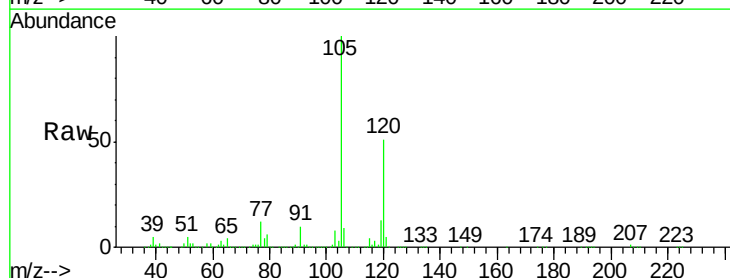
Acq: 18 May 2020 15:35

Tgt Ion: 105 Resp: 691253

Ion Ratio Lower Upper

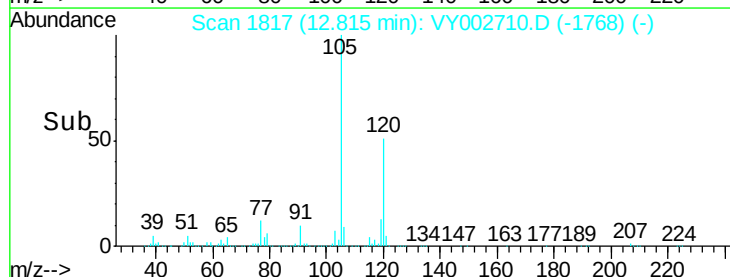
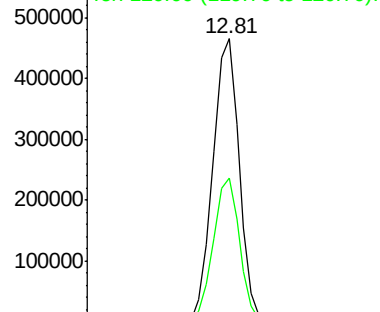
105 100

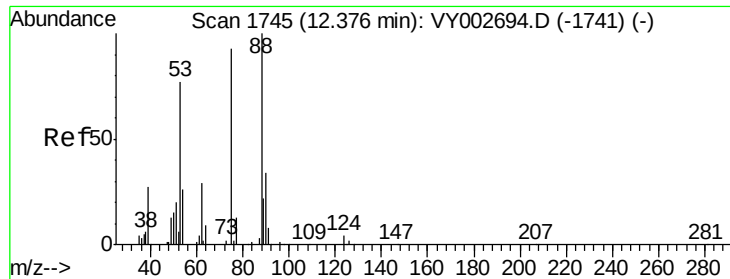
120 50.9 25.1 75.4



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: 45.706 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

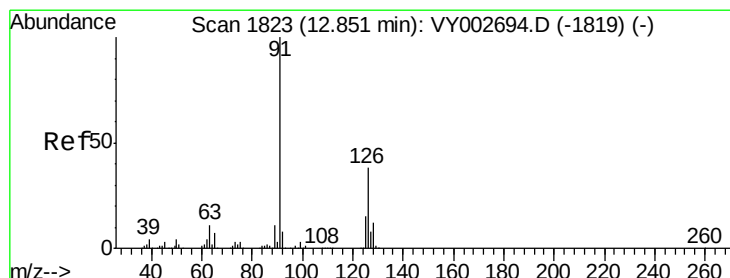
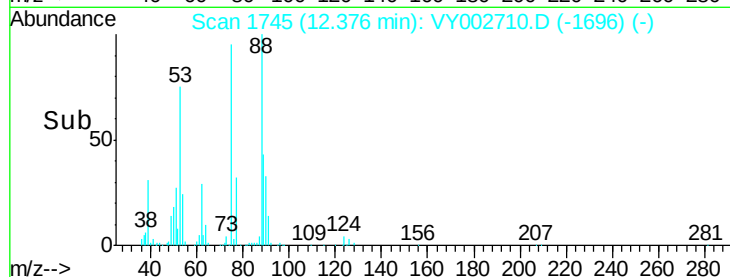
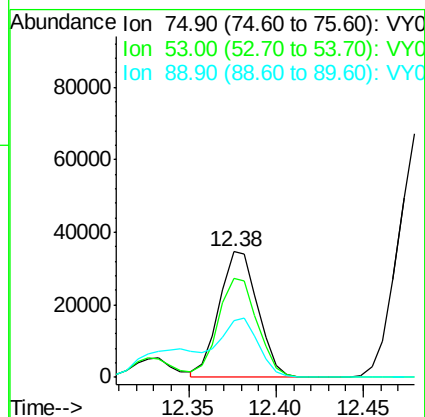
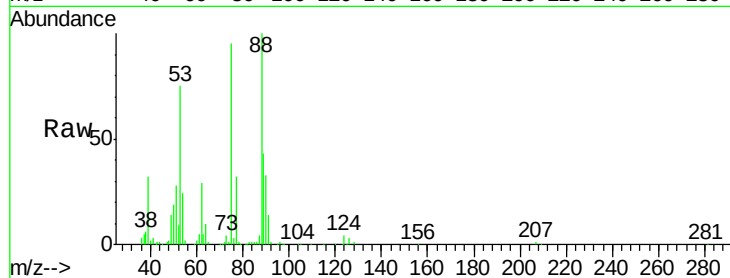
Tot Ion: 75 Resp: 53232

Ion Ratio Lower Upper

75 100

53 80.2 65.0 97.6

89 47.7 66.6 99.8#



#82

4-Chlorotoluene

Concen: 47.042 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002710.D

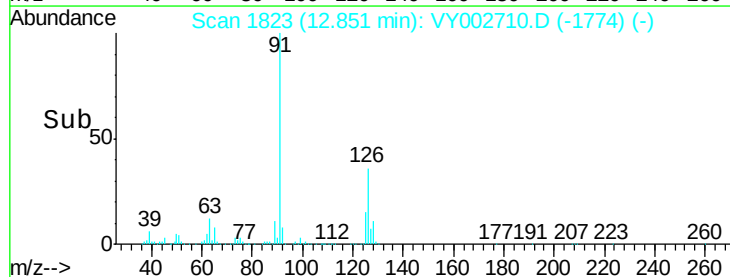
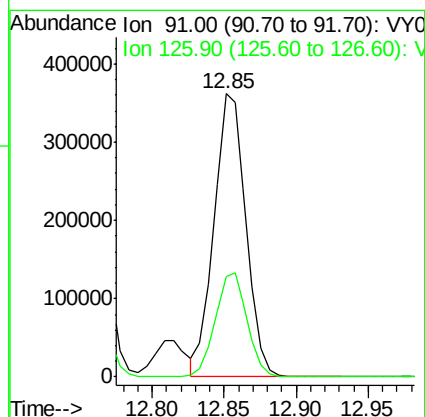
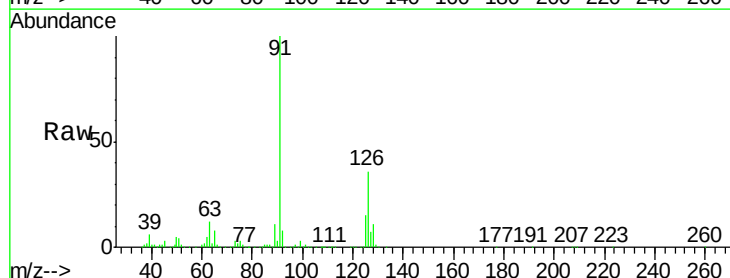
Acq: 18 May 2020 15:35

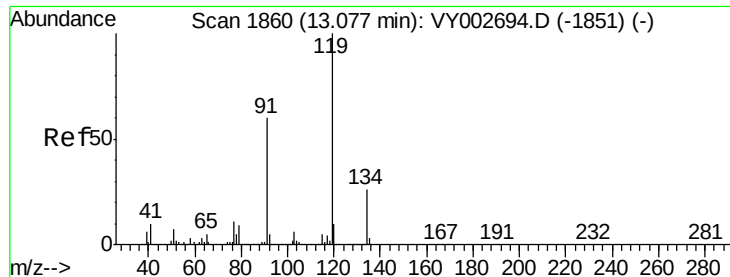
Tgt Ion: 91 Resp: 557029

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0





#83

tert-Butylbenzene

Concen: 46.950 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

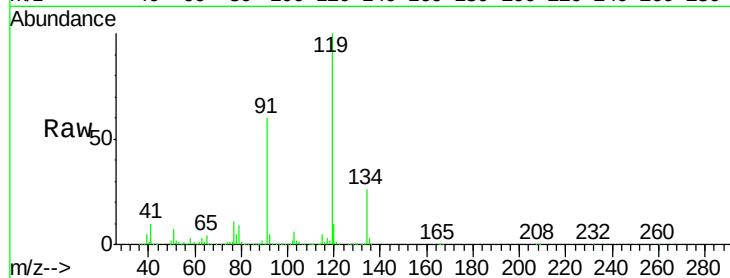
Tot Ion:119 Resp: 611700

Ion Ratio Lower Upper

119 100

91 60.7 30.4 91.2

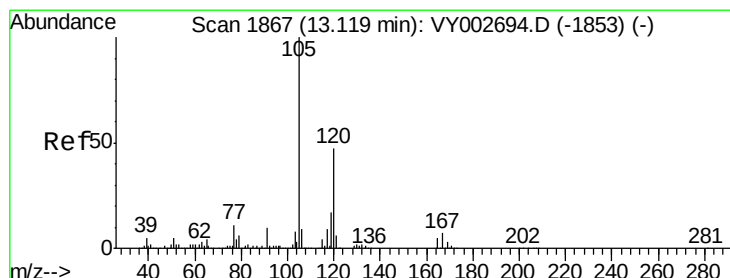
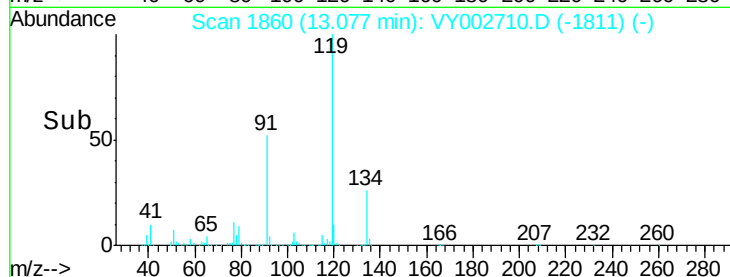
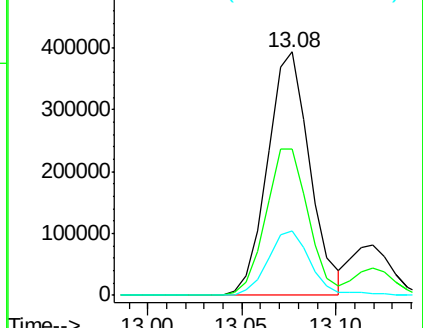
134 26.9 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.032 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002710.D

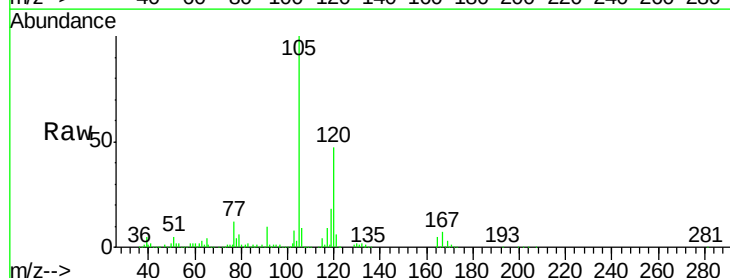
Acq: 18 May 2020 15:35

Tgt Ion:105 Resp: 691970

Ion Ratio Lower Upper

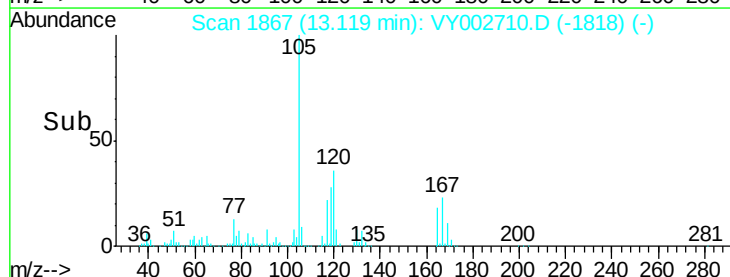
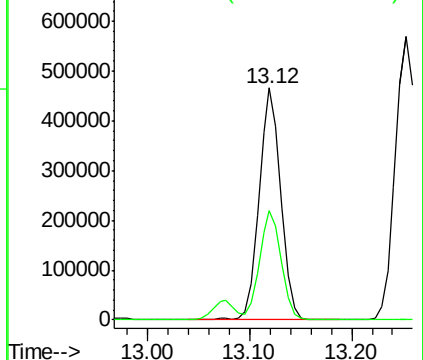
105 100

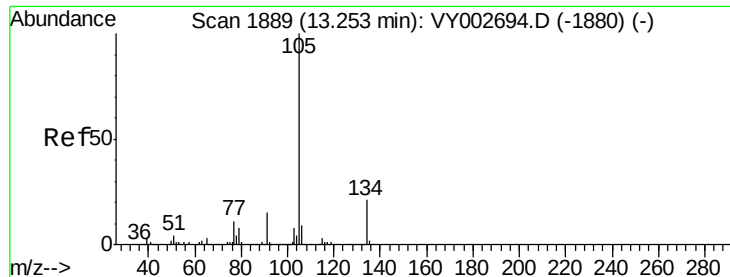
120 46.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.806 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

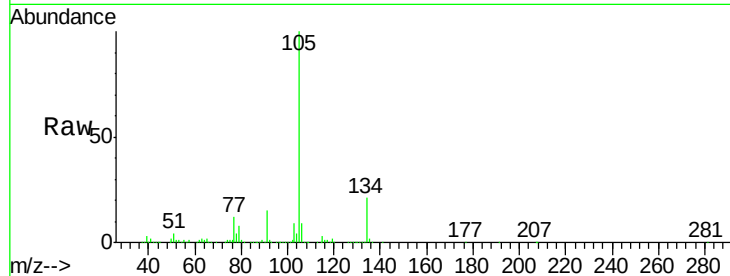
VSTDCCC050EC

Tot Ion:105 Resp: 841497

Ion Ratio Lower Upper

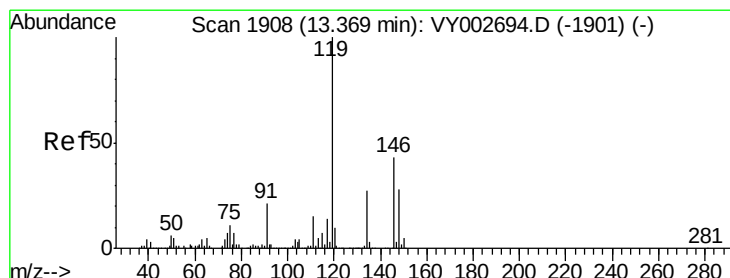
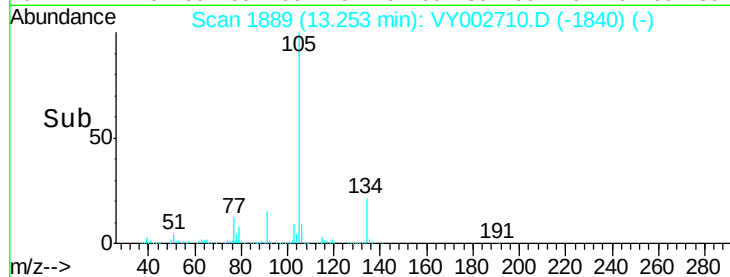
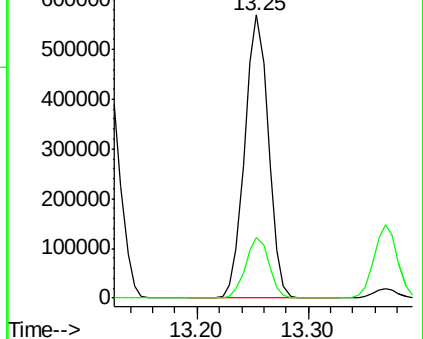
105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.879 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

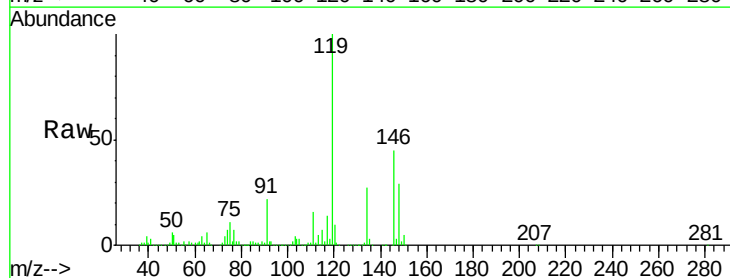
Tgt Ion:119 Resp: 788893

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

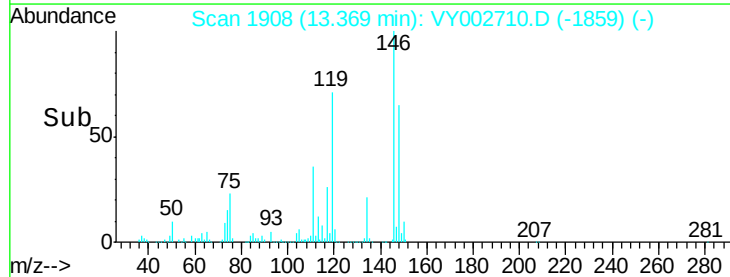
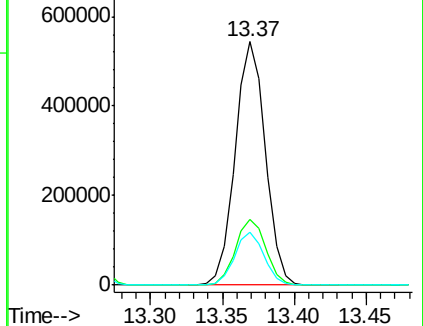
91 21.3 10.8 32.3

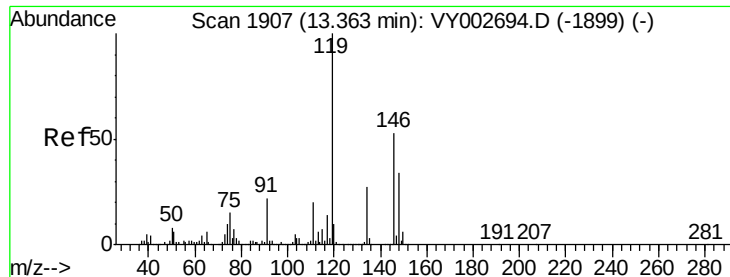


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 46.483 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

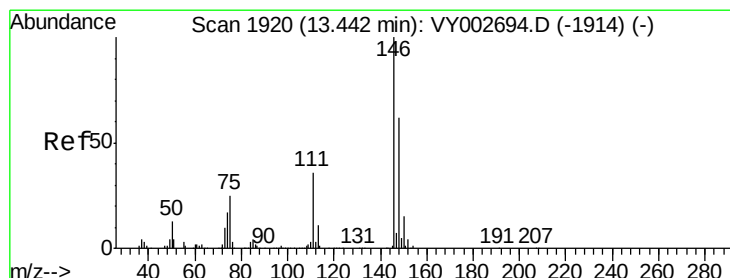
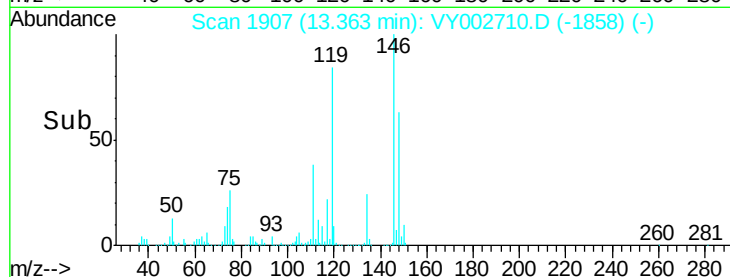
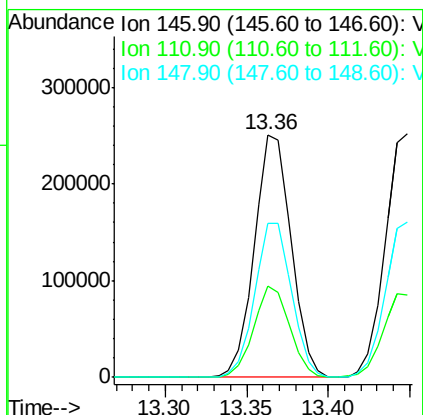
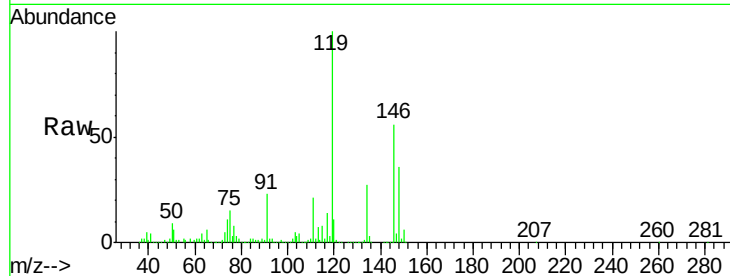
Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 392564

Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.5	55.5
148	63.7	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 46.413 ug/l

RT: 13.45 min Scan# 1921

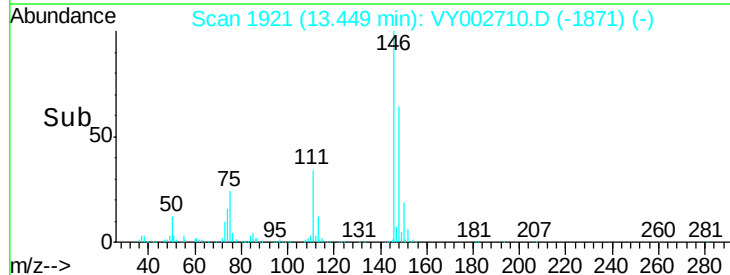
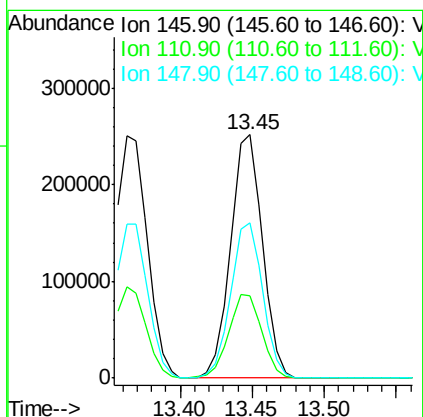
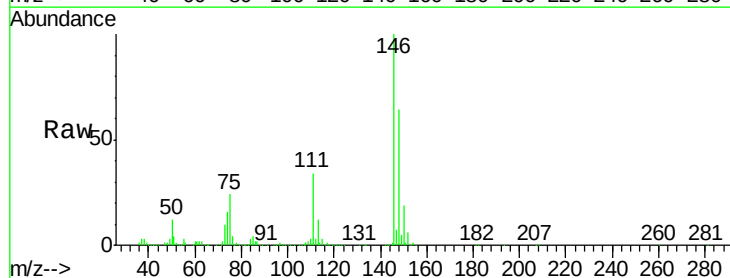
Delta R.T. 0.01 min

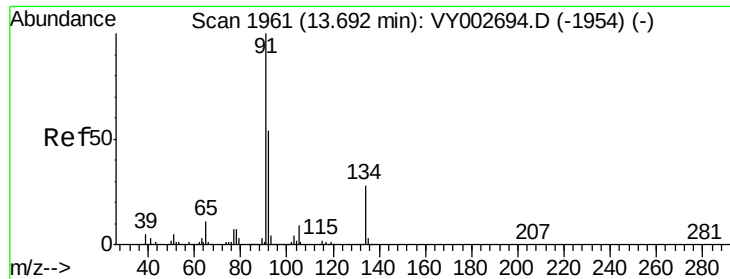
Lab File: VY002710.D

Acq: 18 May 2020 15:35

Tgt Ion:146 Resp: 390246

Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.4
148	63.8	31.8	95.3





#89

n-Butylbenzene

Concen: 46.523 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002710.D

Acq: 18 May 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

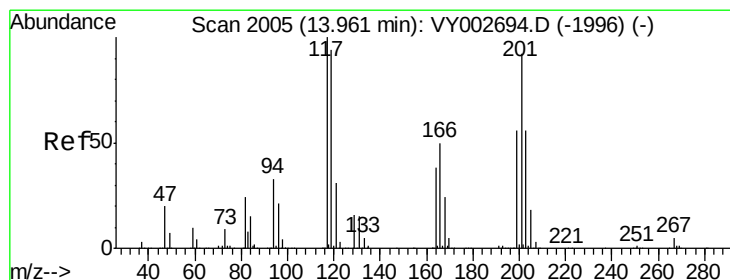
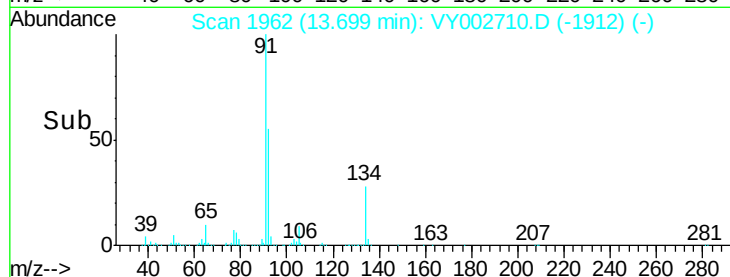
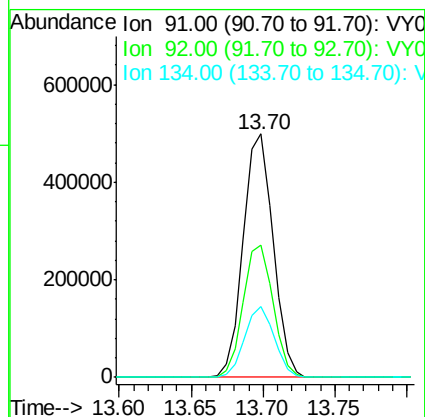
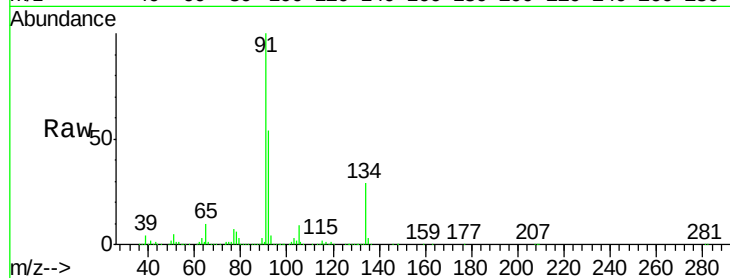
Tot Ion: 91 Resp: 718967

Ion Ratio Lower Upper

91 100

92 54.3 26.8 80.4

134 28.8 14.5 43.5



#90

Hexachloroethane

Concen: 47.178 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002710.D

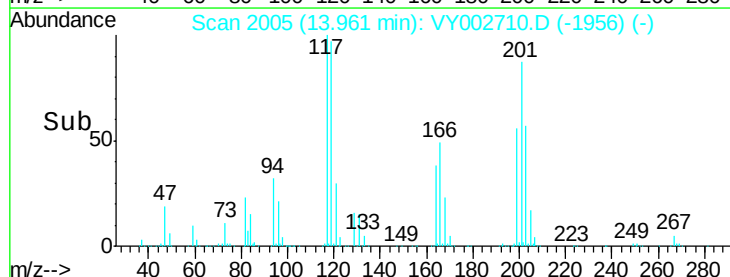
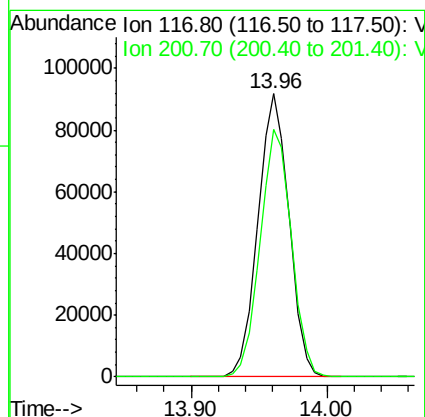
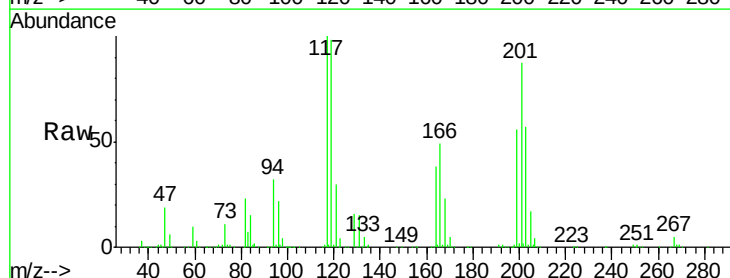
Acq: 18 May 2020 15:35

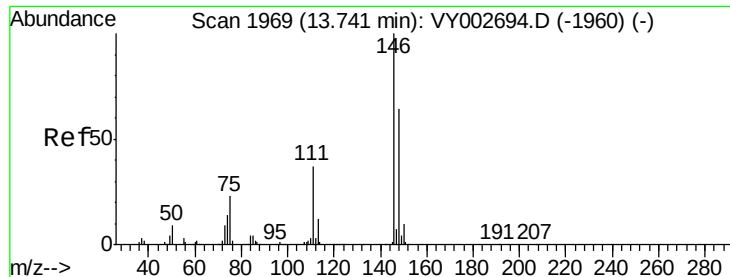
Tgt Ion: 117 Resp: 147051

Ion Ratio Lower Upper

117 100

201 87.9 44.9 134.7

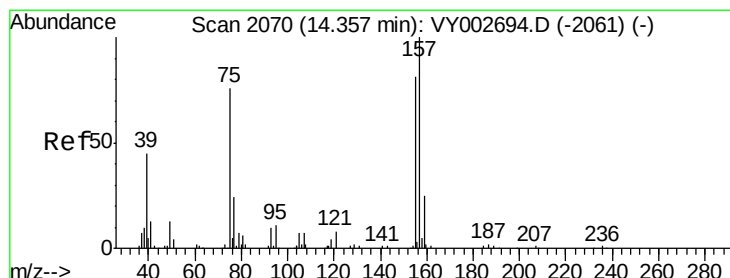
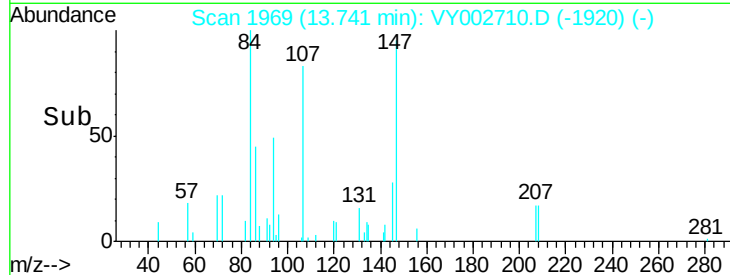
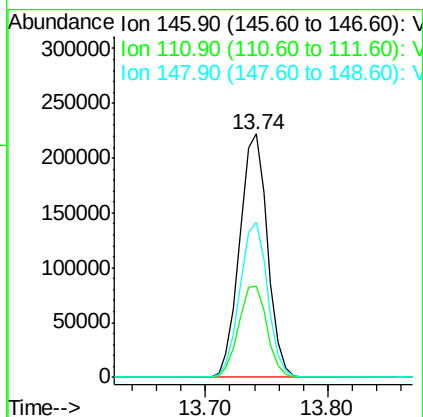
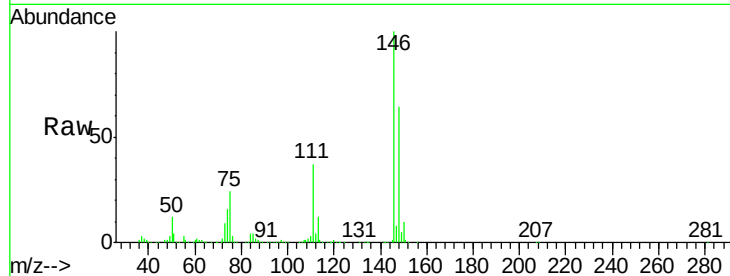




#91
 1,2-Dichlorobenzene
 Concen: 46.145 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

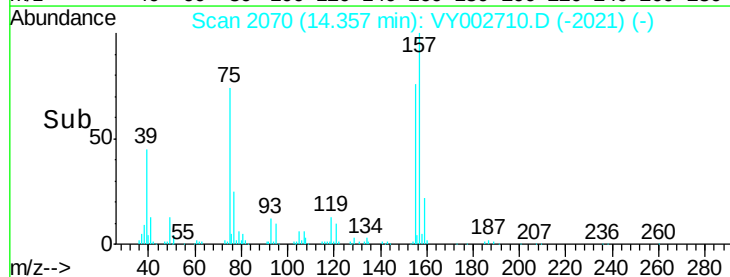
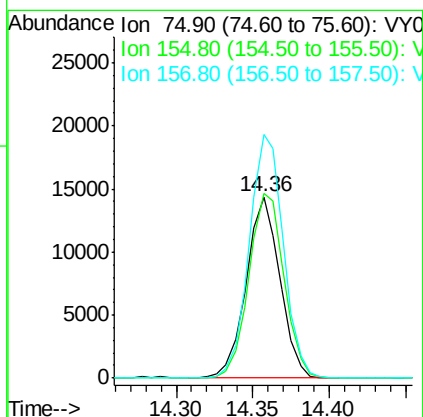
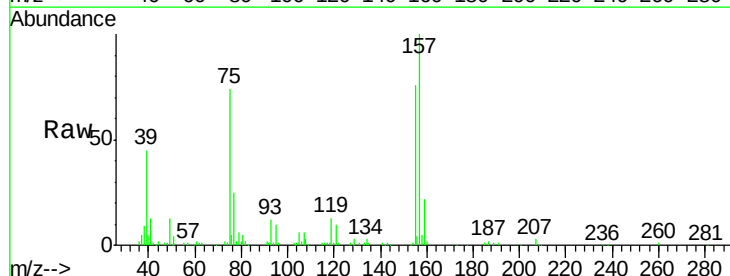
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

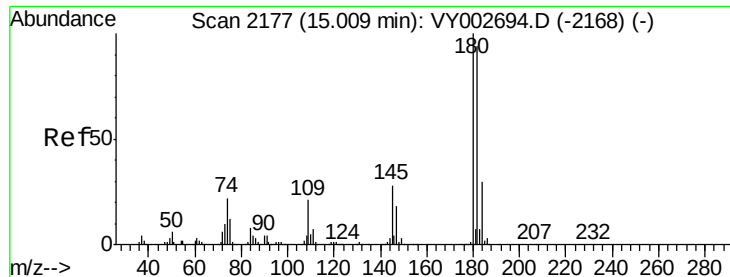
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	63.6	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.410 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.3	53.5	160.7
157	135.9	67.9	203.7

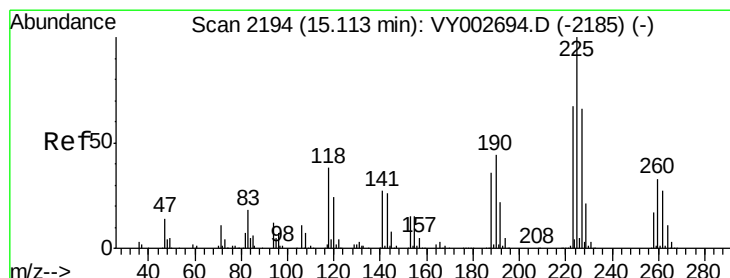
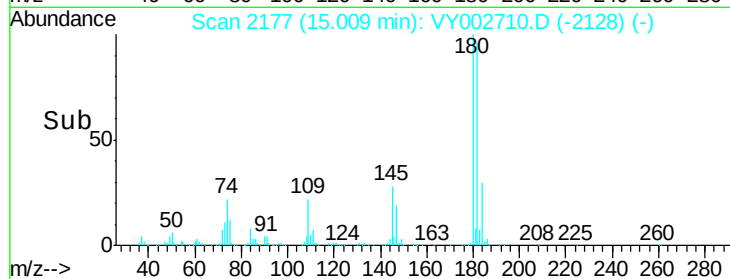
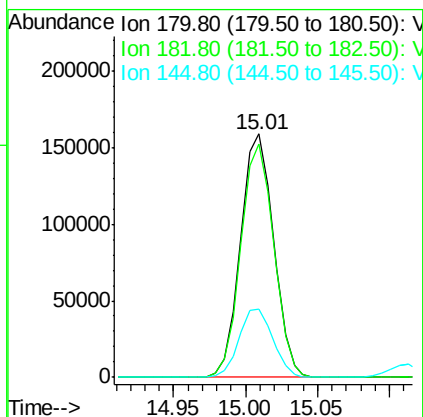
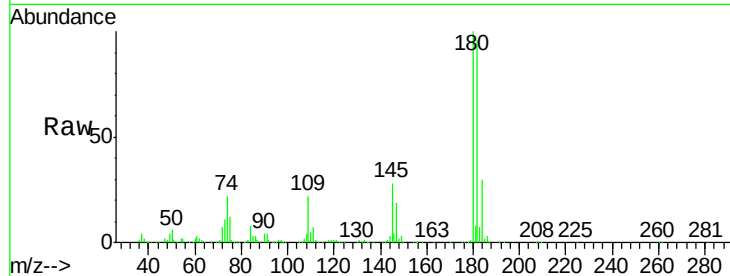




#93
 1,2,4-Trichlorobenzene
 Concen: 46.017 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

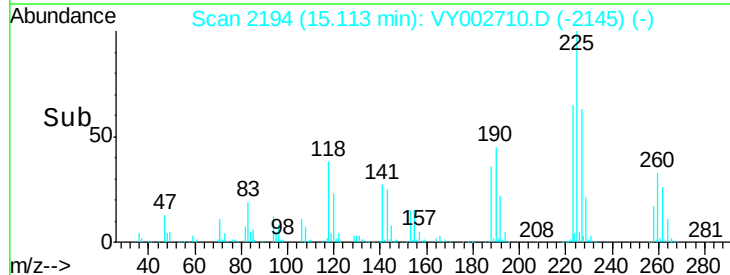
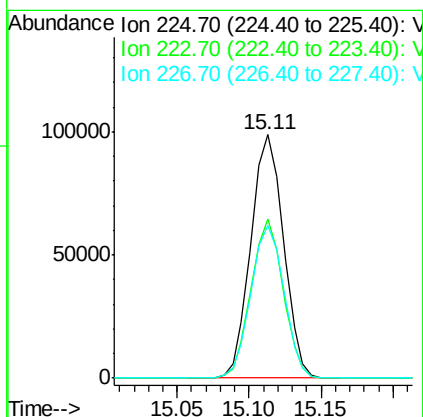
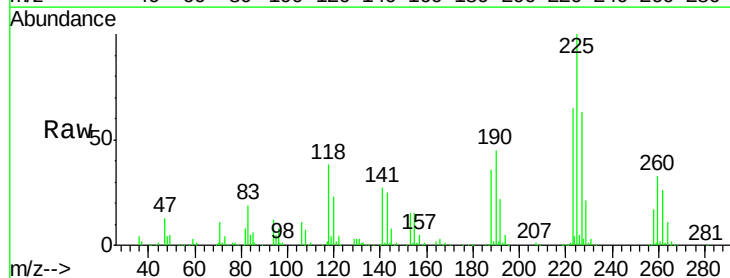
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

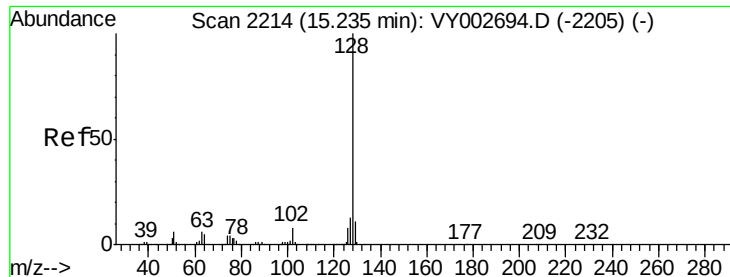
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	29.0	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 47.430 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002710.D
 Acq: 18 May 2020 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	63.5	32.2	96.6

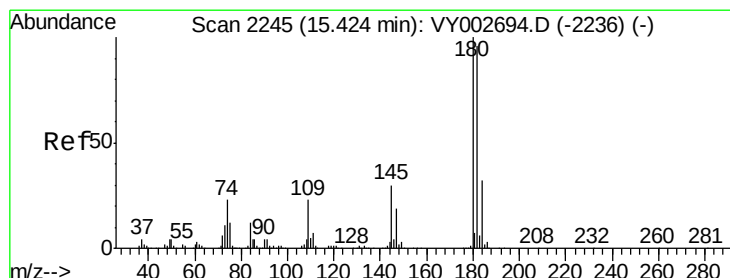
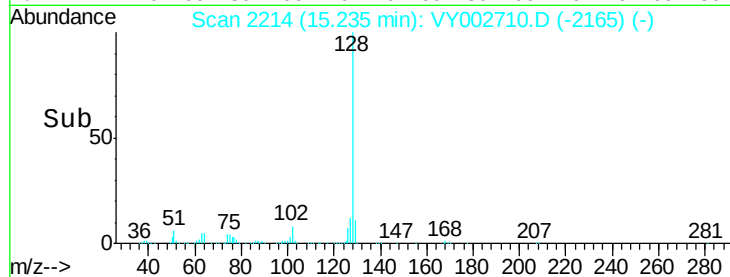
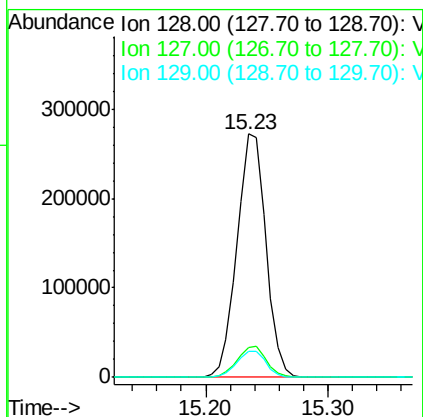
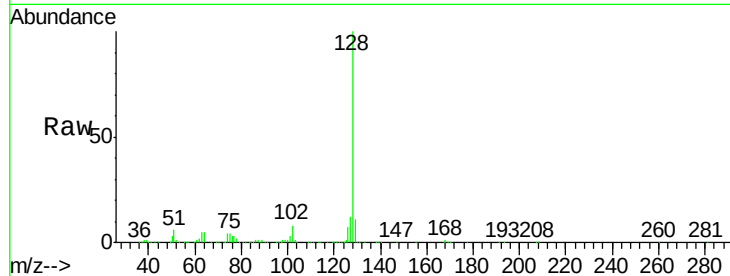




#95
Naphthalene
Concen: 42.694 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 445346
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.123 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002710.D
Acq: 18 May 2020 15:35

Tgt Ion:180 Resp: 211205
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 30.1 15.1 45.3

