

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002633.D
 Acq On : 08 May 2020 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	362549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	536417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	476908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	240462	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	156215	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
35) Dibromofluoromethane	7.74	113	167626	54.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.28%	
50) Toluene-d8	10.19	98	657806	54.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.49	95	217939	53.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	156734	52.236	ug/l	99
3) Chloromethane	2.13	50	166098	56.548	ug/l	99
4) Vinyl Chloride	2.26	62	191392	56.429	ug/l	100
5) Bromomethane	2.66	94	122536	52.389	ug/l	98
6) Chloroethane	2.81	64	108996	53.820	ug/l	97
7) Trichlorofluoromethane	3.14	101	271950	51.735	ug/l	98
8) Diethyl Ether	3.55	74	91702	51.912	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	168932	52.583	ug/l	99
10) Methyl Iodide	4.11	142	232138	53.036	ug/l	99
11) Tert butyl alcohol	4.98	59	68461	218.289	ug/l	99
12) 1,1-Dichloroethene	3.90	96	167599	53.700	ug/l	97
13) Acrolein	3.75	56	45671	210.588	ug/l	96
14) Allyl chloride	4.50	41	245633	54.017	ug/l	97
15) Acrylonitrile	5.19	53	206517	247.907	ug/l	99
16) Acetone	3.97	43	152305	242.093	ug/l	97
17) Carbon Disulfide	4.22	76	505568	53.845	ug/l	99
18) Methyl Acetate	4.50	43	99180	47.183	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	412384	50.645	ug/l	97
20) Methylene Chloride	4.74	84	174783	49.681	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	181268	53.139	ug/l	99
22) Diisopropyl ether	6.14	45	488614	53.104	ug/l	95
23) Vinyl Acetate	6.08	43	1493231	258.055	ug/l	99
24) 1,1-Dichloroethane	6.05	63	286969	52.720	ug/l	99
25) 2-Butanone	7.01	43	243284	236.237	ug/l	95
26) 2,2-Dichloropropane	7.00	77	263983	51.021	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	200113	53.018	ug/l	98
28) Bromochloromethane	7.36	49	125725	56.373	ug/l	100
29) Tetrahydrofuran	7.37	42	168661	247.539	ug/l	99
30) Chloroform	7.53	83	294698	52.069	ug/l	98
31) Cyclohexane	7.80	56	279350	50.985	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	272763	51.850	ug/l	99
36) 1,1-Dichloropropene	7.94	75	238285	52.989	ug/l	99
37) Ethyl Acetate	7.10	43	114365	49.491	ug/l	99
38) Carbon Tetrachloride	7.92	117	256101	52.165	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	311892	52.512	ug/l	99
40) Benzene	8.18	78	689933	53.122	ug/l	100
41) Methacrylonitrile	7.36	41	153252	123.346	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	178699	49.052	ug/l	98
43) Isopropyl Acetate	8.29	43	216048	49.871	ug/l	99
44) Trichloroethene	8.96	130	217604	53.612	ug/l	96
45) 1,2-Dichloropropane	9.23	63	164147	52.367	ug/l	99
46) Dibromomethane	9.32	93	90507	50.184	ug/l	100
47) Bromodichloromethane	9.51	83	225989	51.534	ug/l	98
48) Methyl methacrylate	9.31	41	101407	51.723	ug/l	98
49) 1,4-Dioxane	9.31	88	23595	988.113	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	556089	249.039	ug/l	100
52) Toluene	10.26	92	439092	52.605	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	234290	50.992	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	276593	52.073	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	134242	51.043	ug/l	99
56) Ethyl methacrylate	10.52	69	180411	51.565	ug/l	96
57) 1,3-Dichloropropane	10.80	76	225616	50.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	469947	254.706	ug/l	99
59) 2-Hexanone	10.85	43	381344	248.131	ug/l	99
60) Dibromochloromethane	11.00	129	171652	51.316	ug/l	98
61) 1,2-Dibromoethane	11.10	107	129822	49.852	ug/l	100
64) Tetrachloroethene	10.73	164	235500	55.578	ug/l	99
65) Chlorobenzene	11.53	112	476527	52.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	176259	52.375	ug/l	99
67) Ethyl Benzene	11.60	91	846786	53.173	ug/l	99
68) m/p-Xylenes	11.71	106	654029	106.143	ug/l	99
69) o-Xylene	12.04	106	308368	53.449	ug/l	98
70) Styrene	12.06	104	532176	53.957	ug/l	98
71) Bromoform	12.22	173	106421	50.949	ug/l	99
73) Isopropylbenzene	12.34	105	843667	54.136	ug/l	100
74) N-amyl acetate	12.16	43	195769	52.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	119283	48.128	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	193722	90.655	ug/l #	100
77) Bromobenzene	12.62	156	203302	52.215	ug/l	100
78) n-propylbenzene	12.68	91	975748	53.953	ug/l	100
79) 2-Chlorotoluene	12.77	91	535310	53.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	695102	53.808	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	55392	51.978	ug/l #	72
82) 4-Chlorotoluene	12.86	91	555006	52.742	ug/l	99
83) tert-Butylbenzene	13.09	119	614745	54.273	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	687457	53.397	ug/l	100
85) sec-Butylbenzene	13.27	105	846753	53.873	ug/l	99
86) p-Isopropyltoluene	13.38	119	790813	53.698	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	386654	52.469	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	381237	52.246	ug/l	99
89) n-Butylbenzene	13.70	91	717286	53.501	ug/l	100
90) Hexachloroethane	13.97	117	145266	54.164	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	341055	51.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	21533	46.608	ug/l	97

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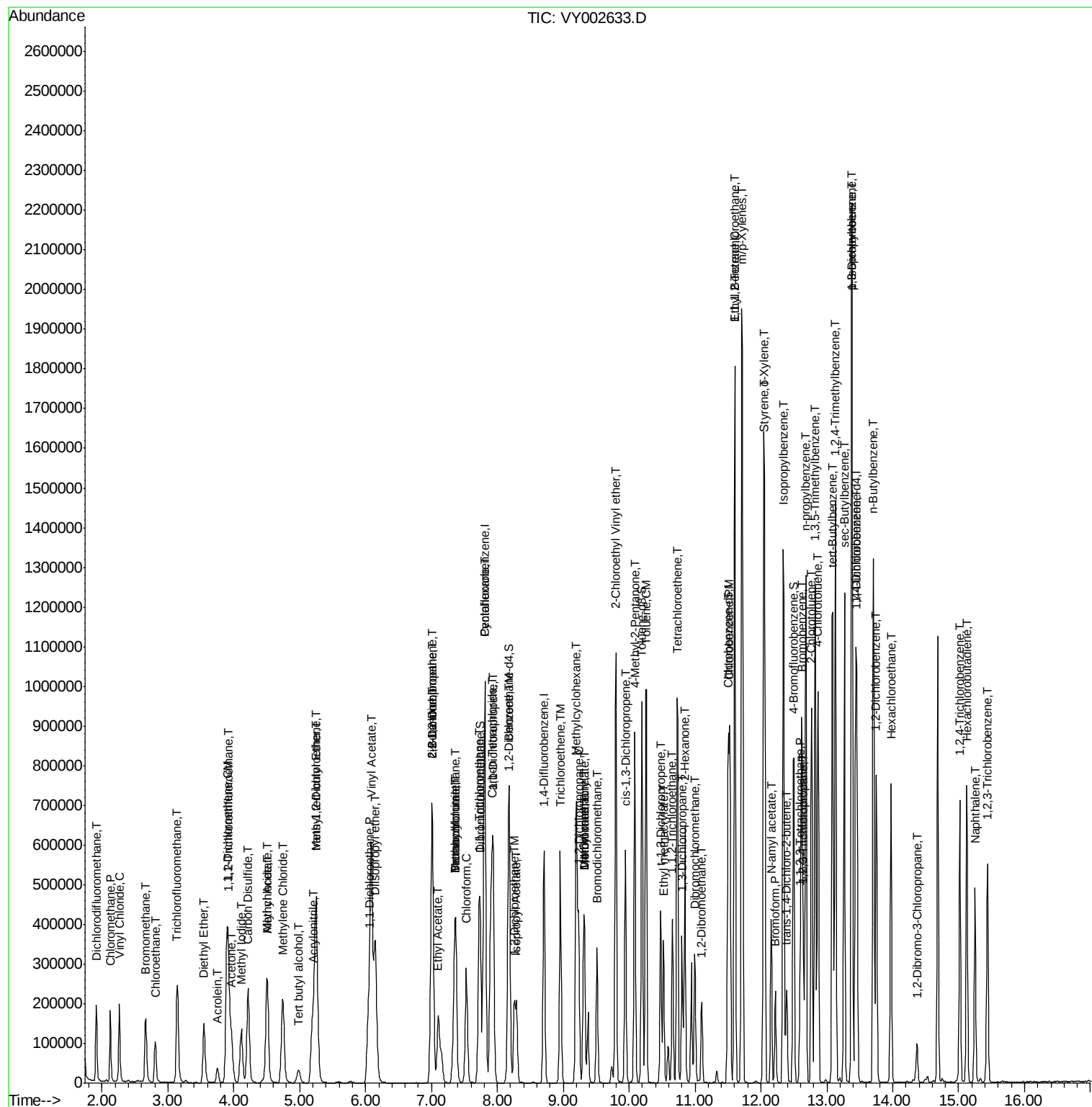
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	238925	50.047	ug/l	99
94) Hexachlorobutadiene	15.12	225	147807	51.580	ug/l	99
95) Naphthalene	15.25	128	416546	47.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	196870	48.577	ug/l	100

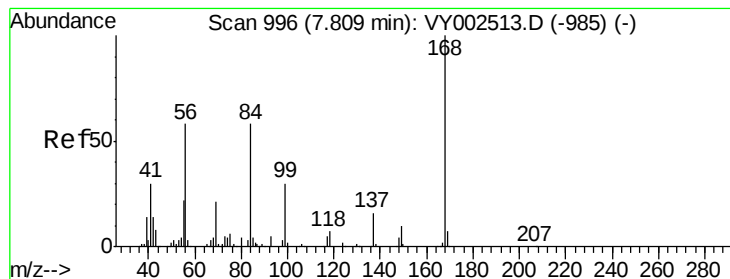
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

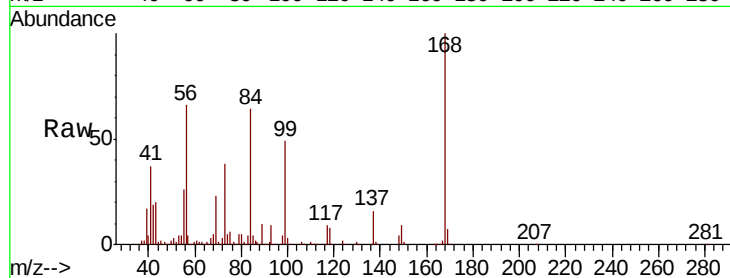
ClientSampleId :

Tot Ion:168 Resp: 362549

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

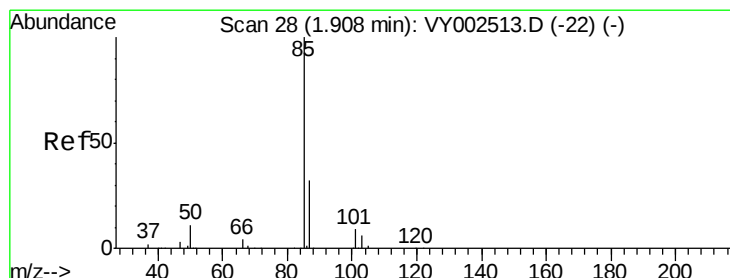
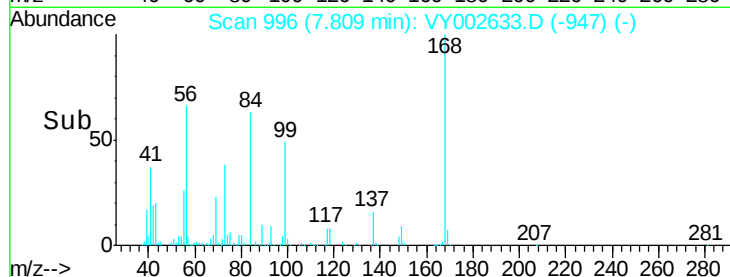
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 52.236 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002633.D

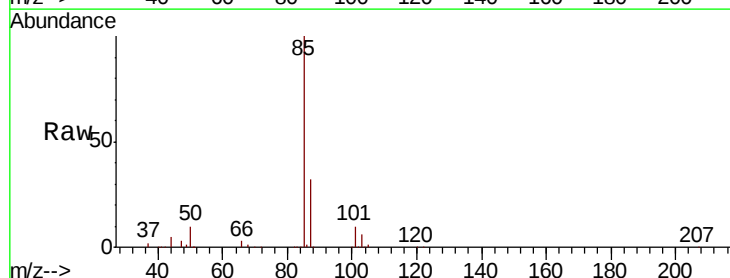
Acq: 08 May 2020 10:37

Tgt Ion: 85 Resp: 156734

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120000

100000

80000

60000

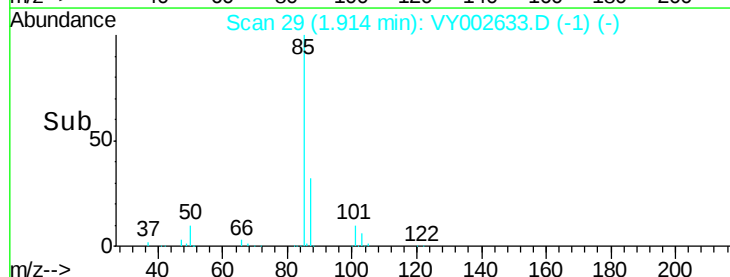
40000

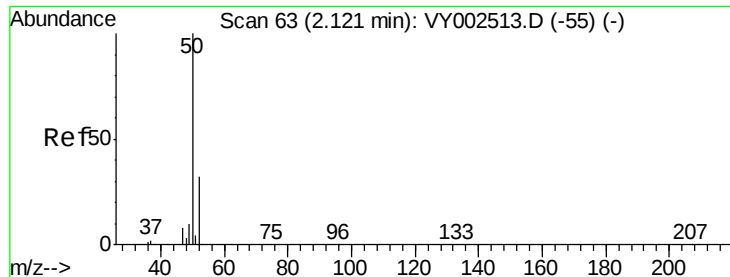
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 56.548 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

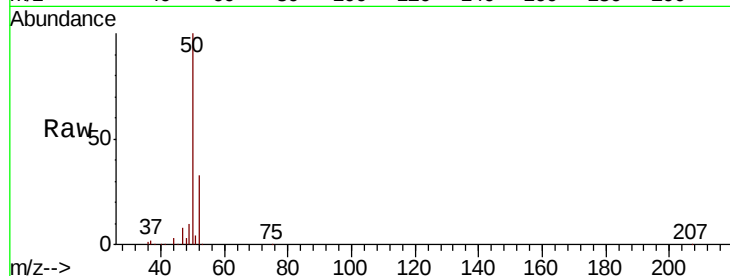
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 166098

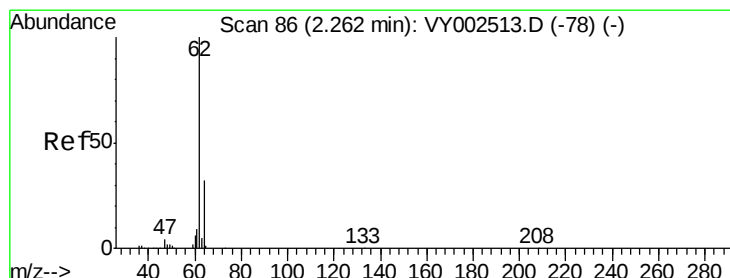
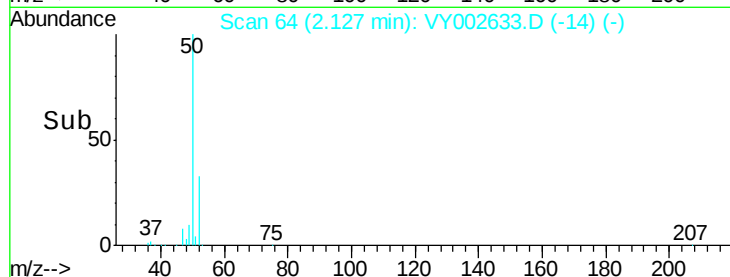
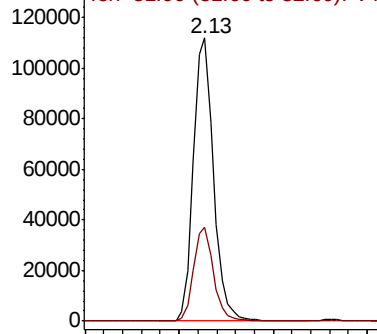
Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 56.429 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002633.D

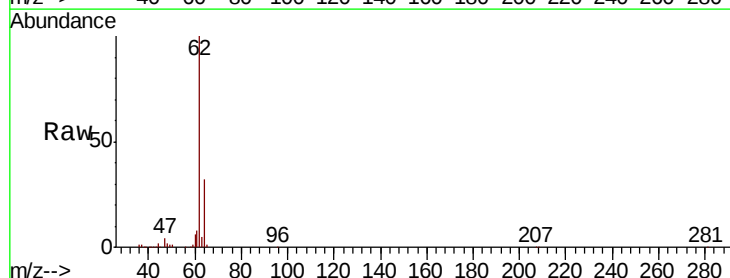
Acq: 08 May 2020 10:37

Tgt Ion: 62 Resp: 191392

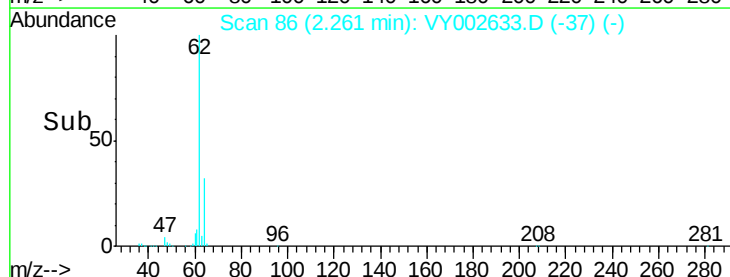
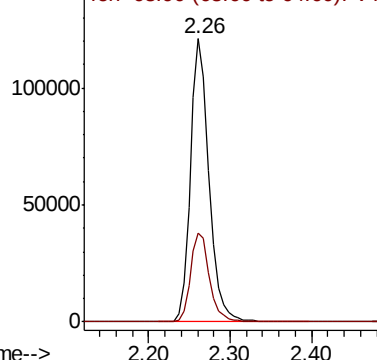
Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.389 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

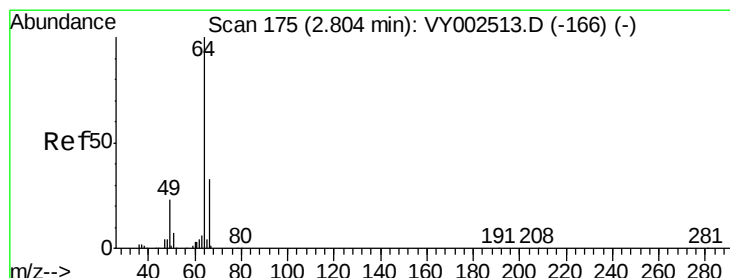
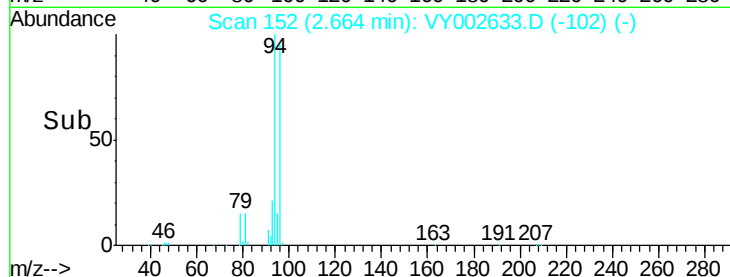
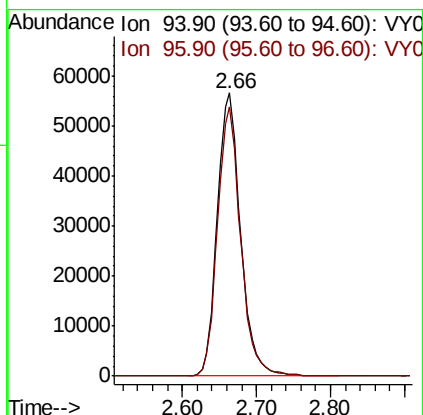
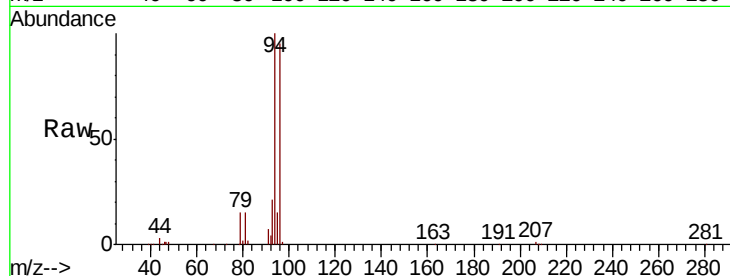
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 122536

Ion Ratio Lower Upper

94 100

96 95.1 74.9 112.3



#6

Chloroethane

Concen: 53.820 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002633.D

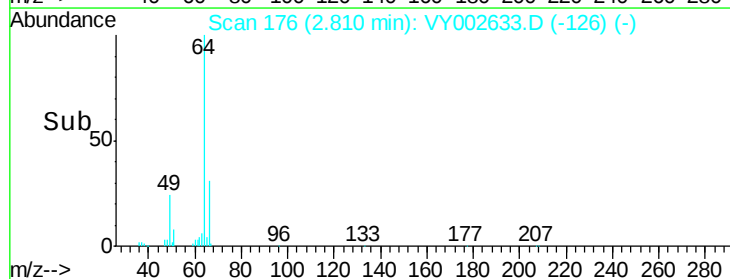
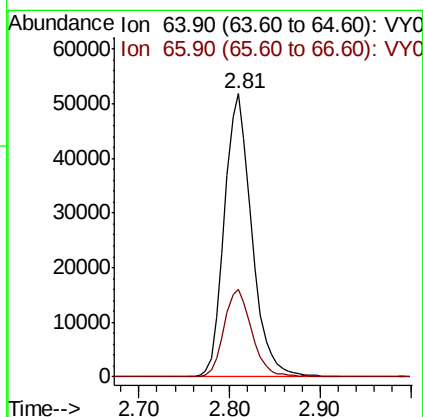
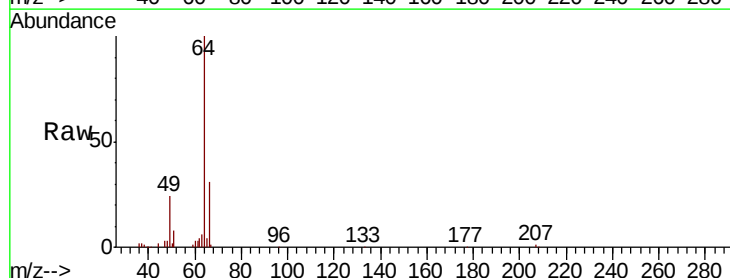
Acq: 08 May 2020 10:37

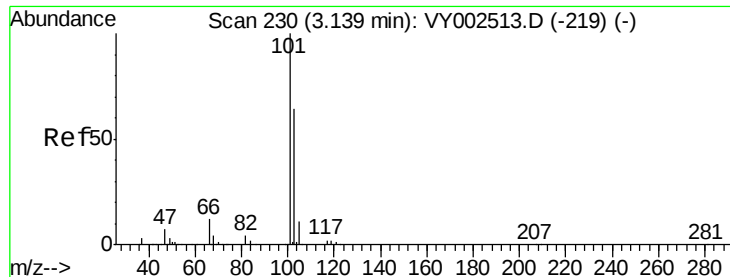
Tgt Ion: 64 Resp: 108996

Ion Ratio Lower Upper

64 100

66 31.1 26.3 39.5



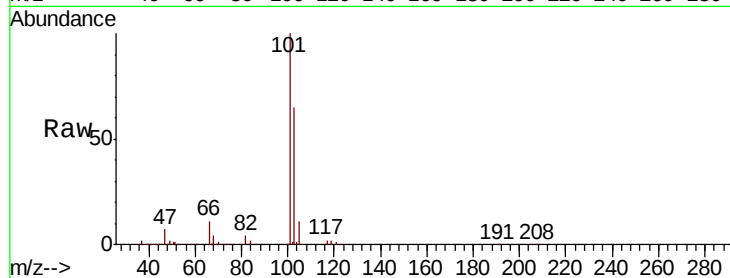


#7

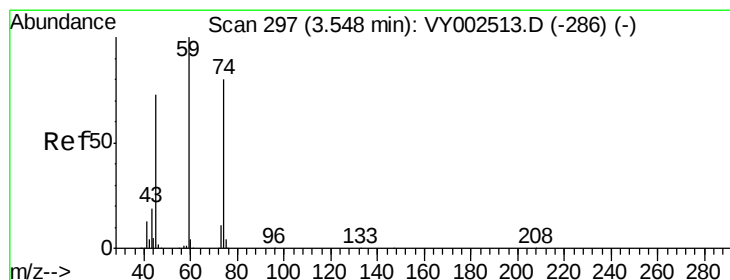
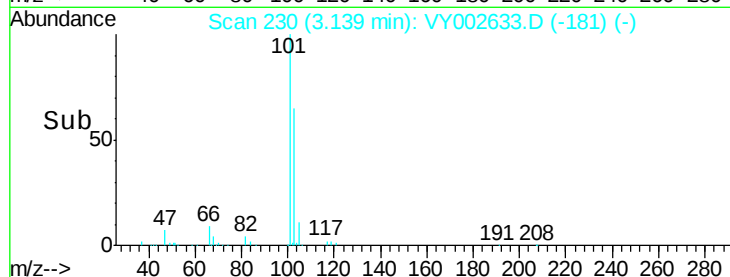
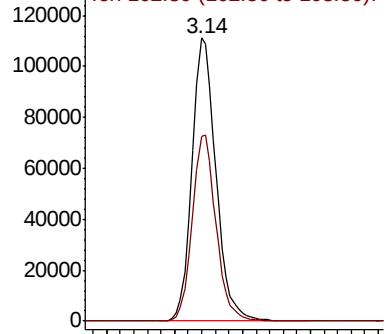
Trichlorofluoromethane
Concen: 51.735 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 271950
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



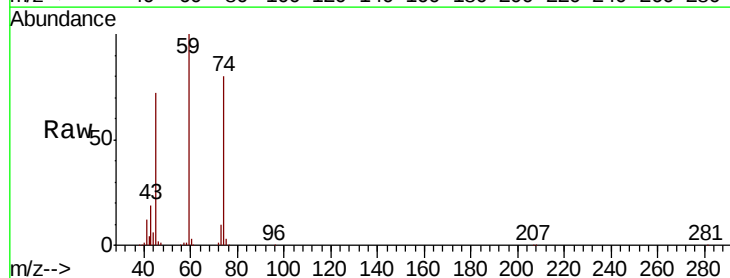
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



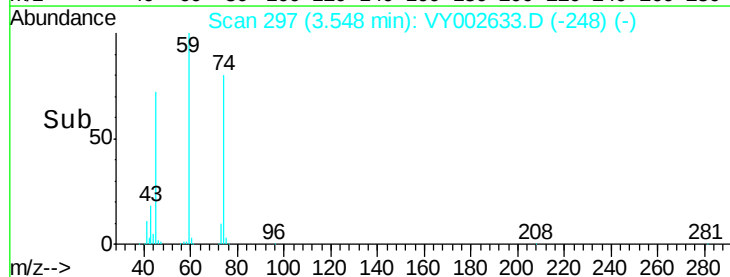
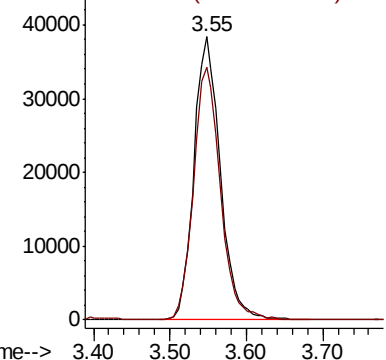
#8

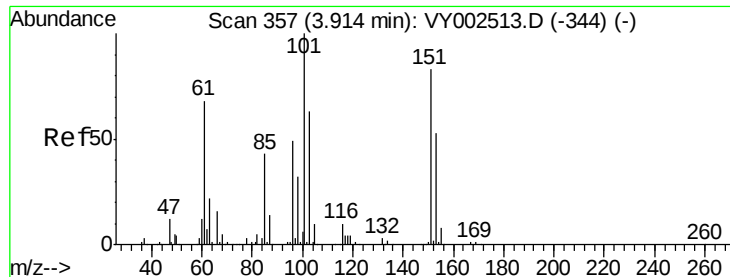
Diethyl Ether
Concen: 51.912 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 74 Resp: 91702
Ion Ratio Lower Upper
74 100
45 90.7 46.2 138.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.583 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

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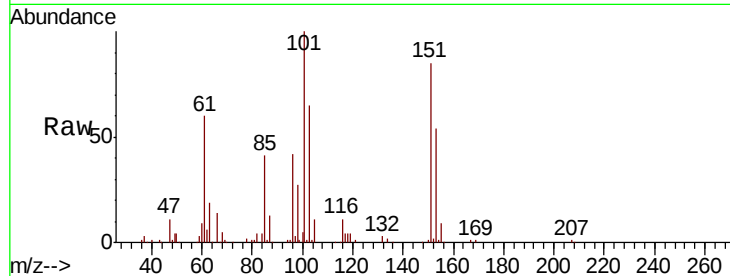
Tot Ion:101 Resp: 168932

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

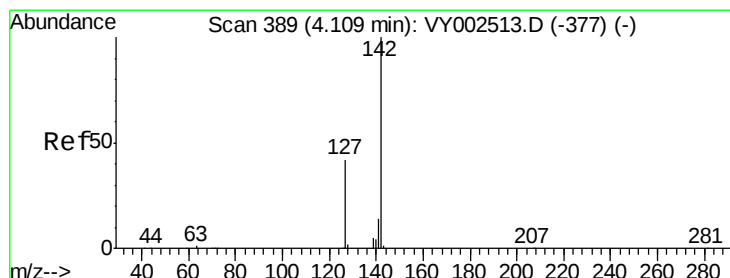
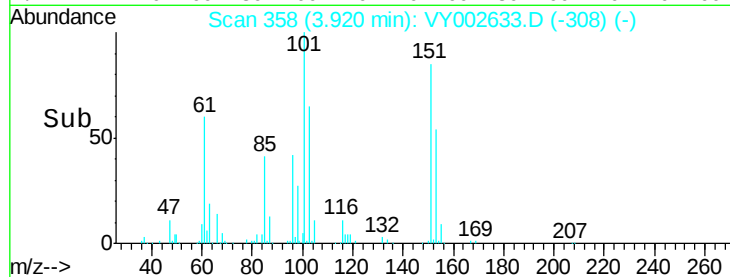
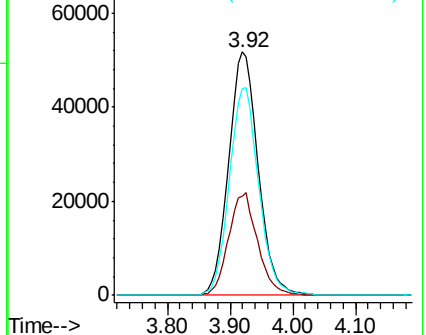
151 85.1 66.8 100.2



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: 53.036 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

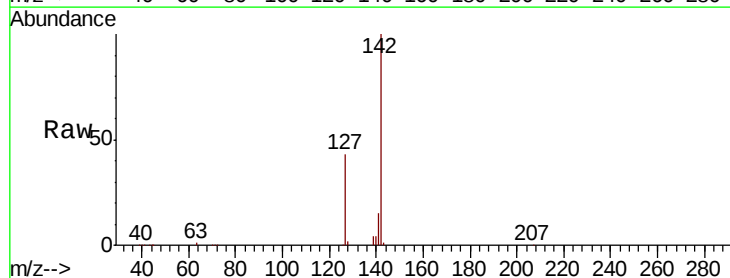
Tgt Ion:142 Resp: 232138

Ion Ratio Lower Upper

142 100

127 41.2 33.7 50.5

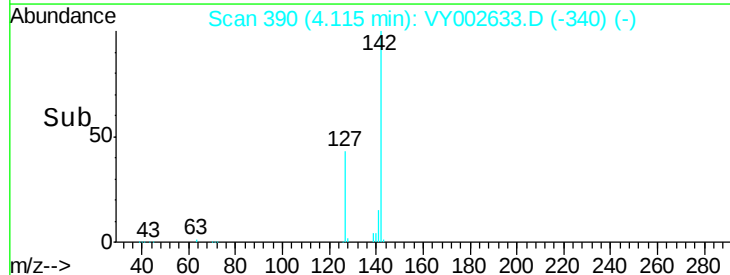
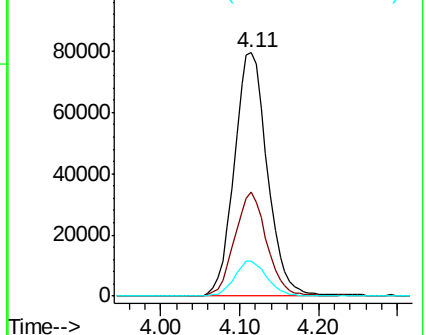
141 14.2 11.4 17.0



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



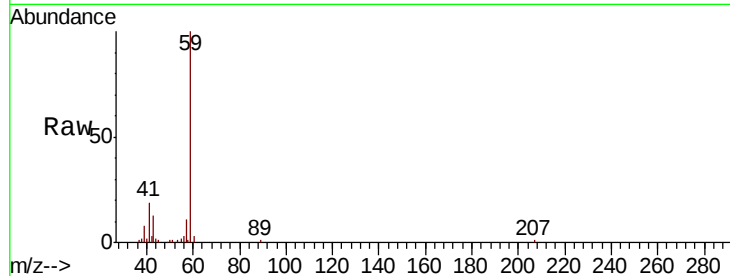


#11

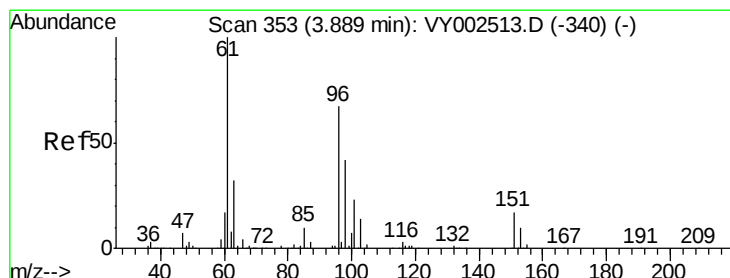
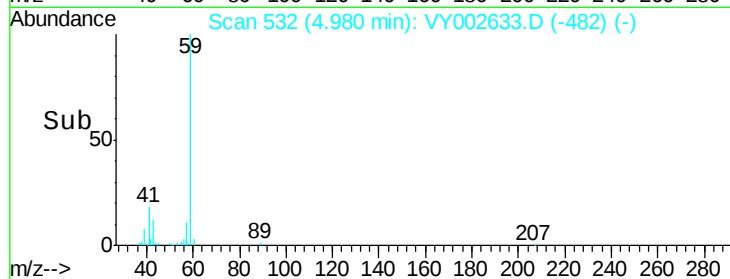
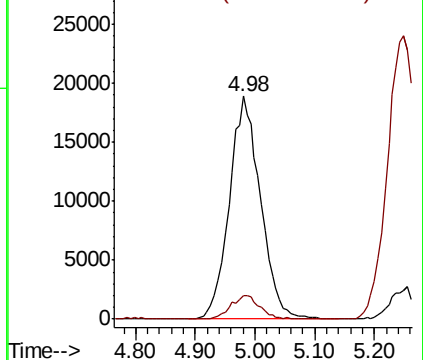
Tert butyl alcohol
Concen: 218.289 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 59 Resp: 68461
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



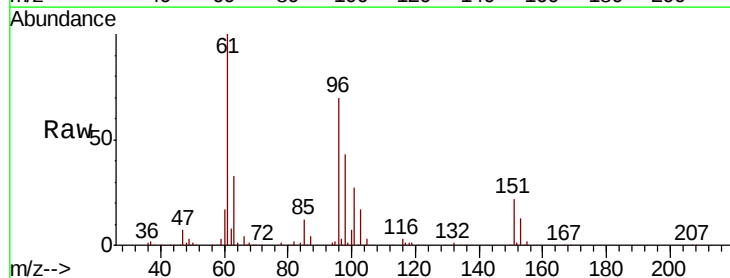
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



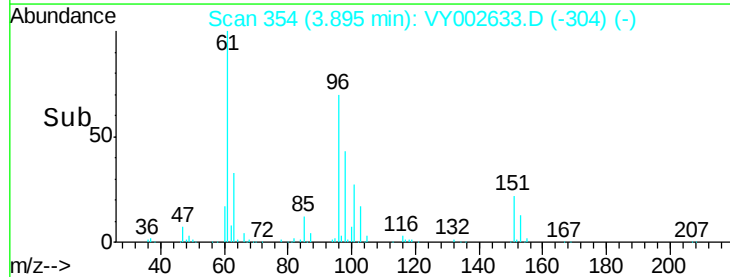
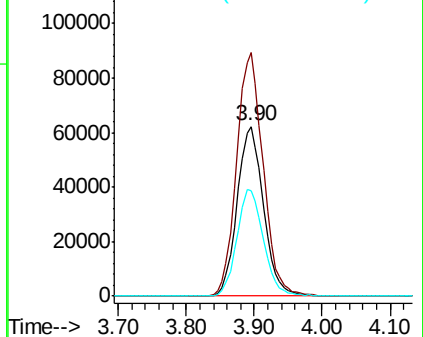
#12

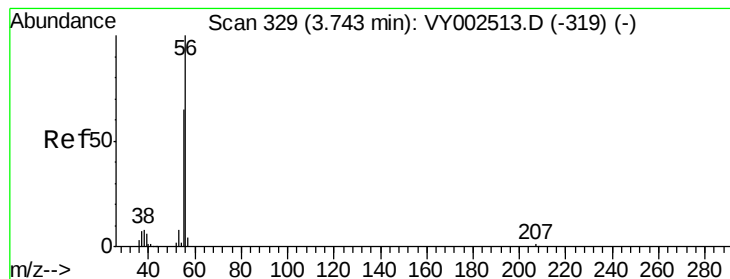
1,1-Dichloroethene
Concen: 53.700 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 96 Resp: 167599
Ion Ratio Lower Upper
96 100
61 143.6 118.8 178.2
98 62.4 49.6 74.4



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





#13

Acrolein

Concen: 210.588 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

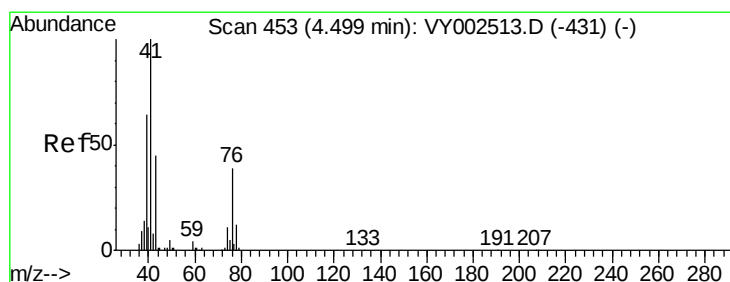
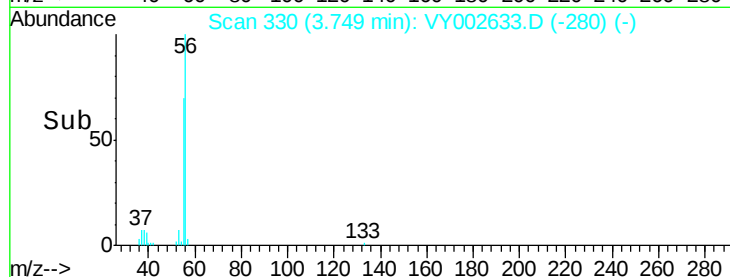
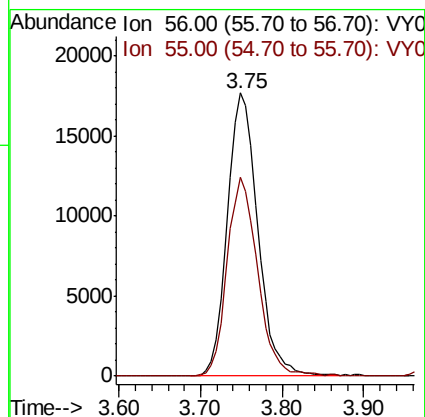
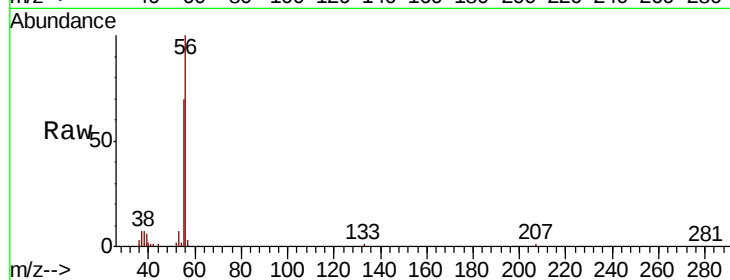
ClientSampleId :

Tot Ion: 56 Resp: 45671

Ion Ratio Lower Upper

56 100

55 70.3 53.8 80.6



#14

Allyl chloride

Concen: 54.017 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

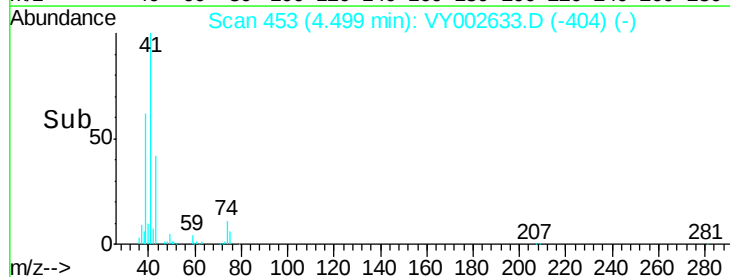
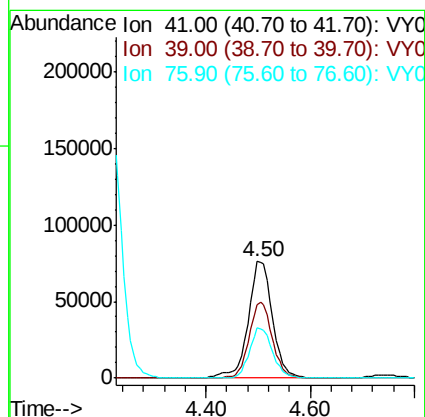
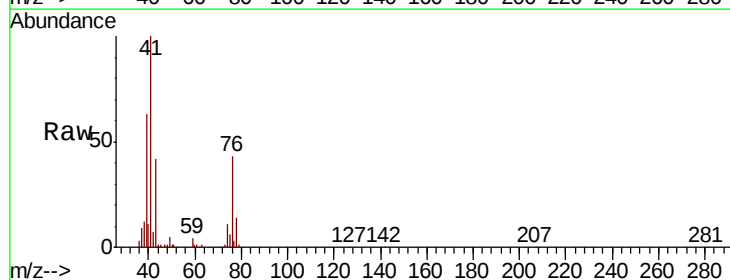
Tgt Ion: 41 Resp: 245633

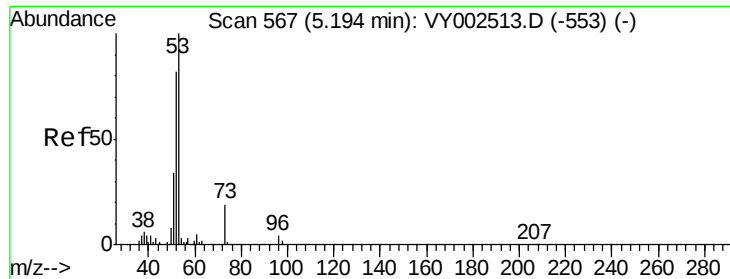
Ion Ratio Lower Upper

41 100

39 62.2 51.8 77.6

76 40.5 31.7 47.5





#15

Acrylonitrile

Concen: 247.907 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

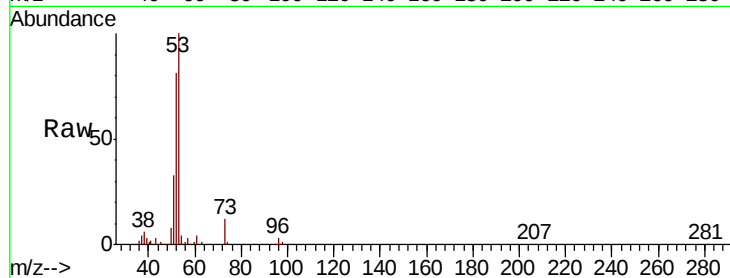
Tot Ion: 53 Resp: 206517

Ion Ratio Lower Upper

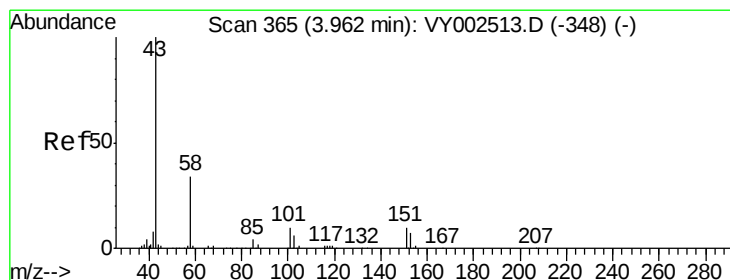
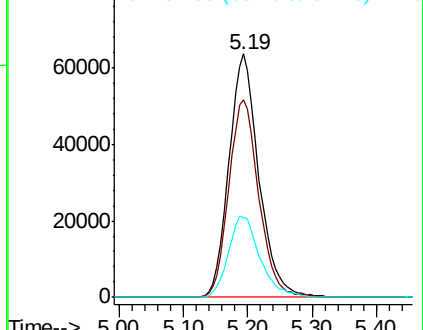
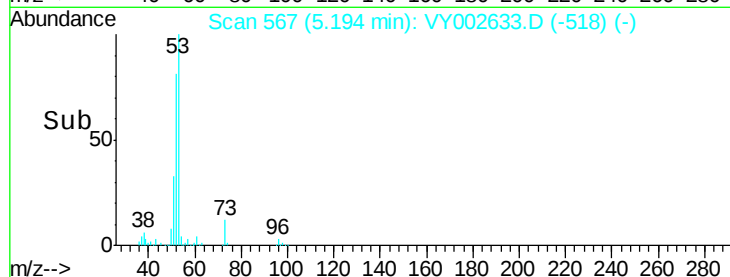
53 100

52 81.4 65.4 98.0

51 35.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY002633.D (-518) (-)



#16

Acetone

Concen: 242.093 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002633.D

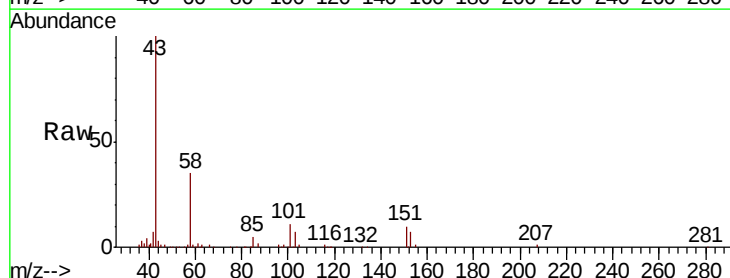
Acq: 08 May 2020 10:37

Tgt Ion: 43 Resp: 152305

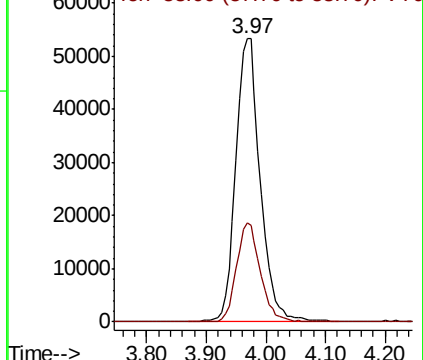
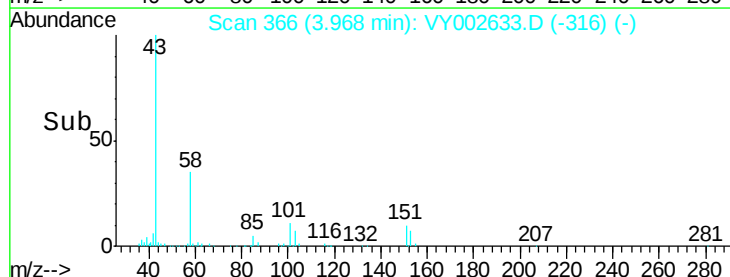
Ion Ratio Lower Upper

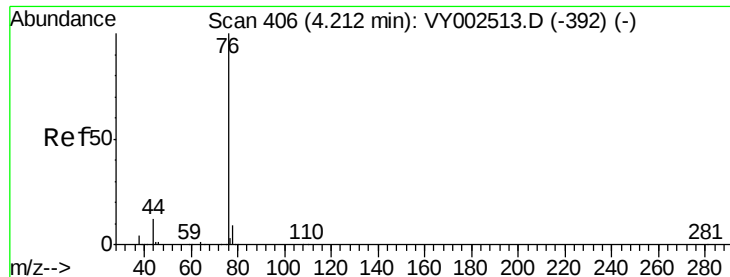
43 100

58 35.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002633.D (-316) (-)

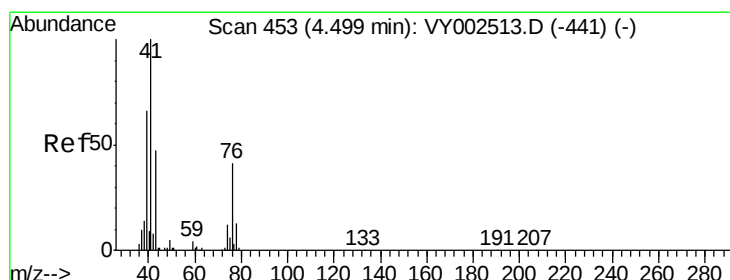
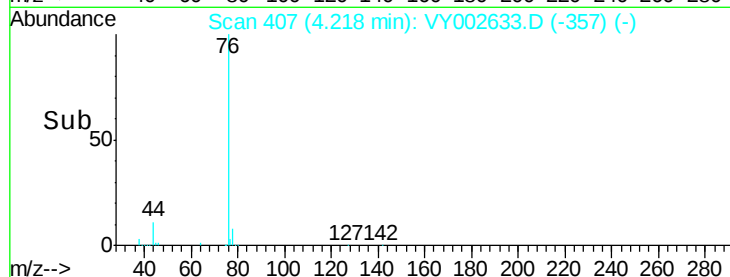
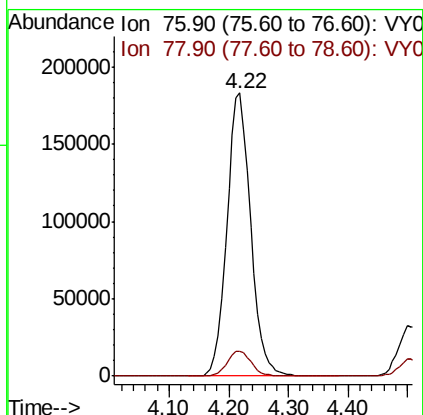
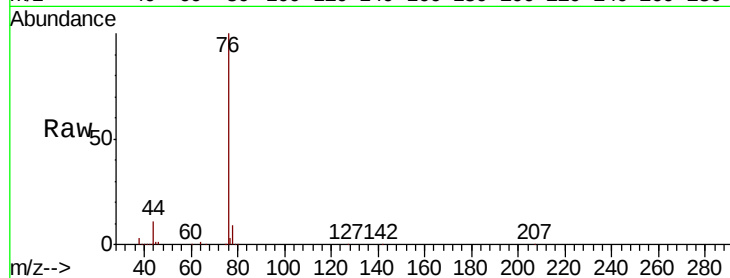




#17
Carbon Disulfide
Concen: 53.845 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

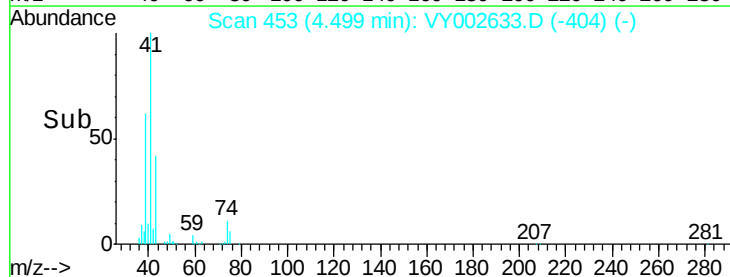
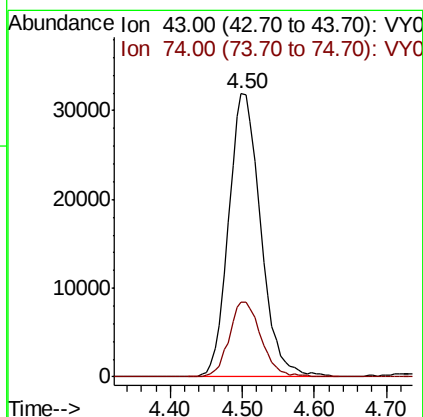
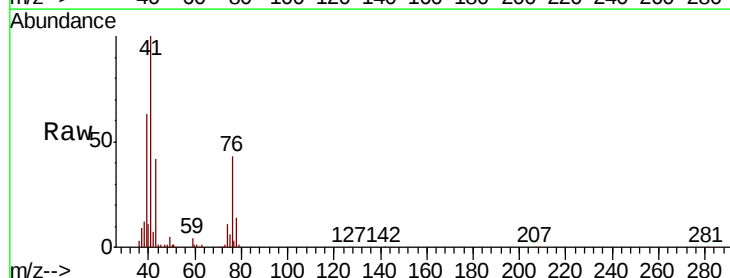
Instrument :
MSVOA_Y
ClientSampleId :

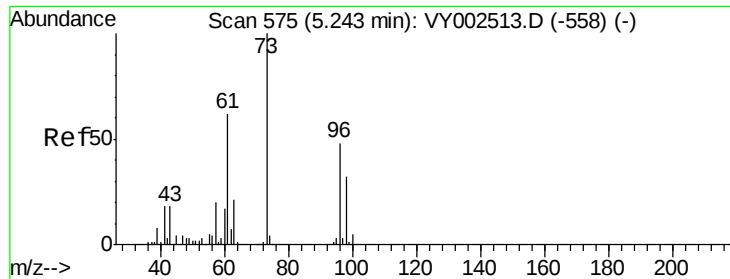
Tot Ion: 76 Resp: 505568
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 47.183 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 43 Resp: 99180
Ion Ratio Lower Upper
43 100
74 26.4 21.2 31.8

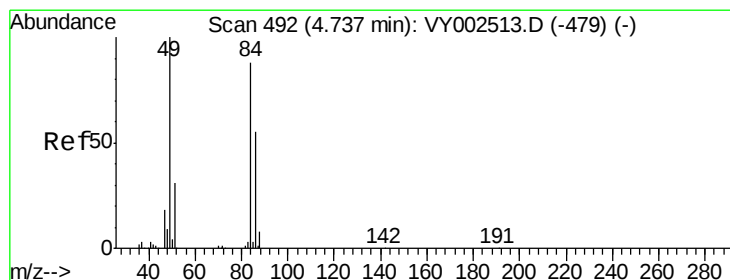
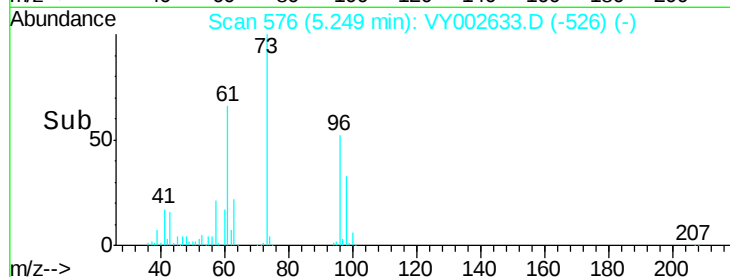
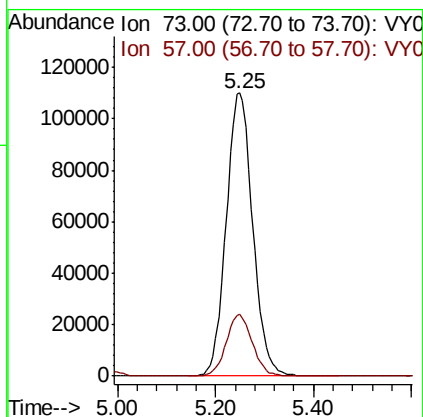
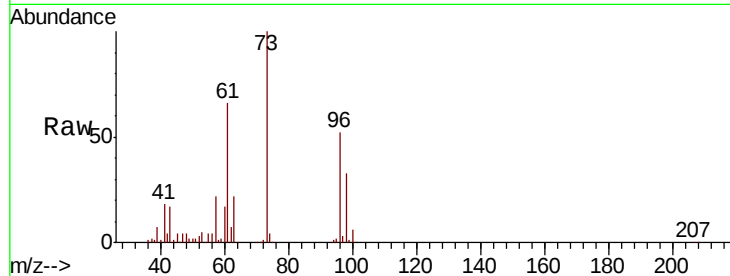




#19
Methvl tert-butvl Ether
Concen: 50.645 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

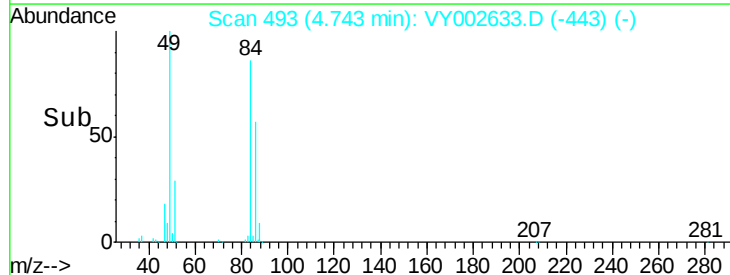
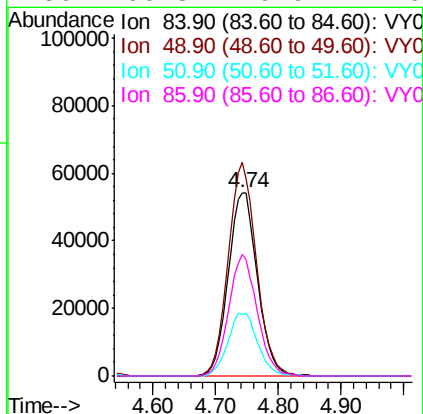
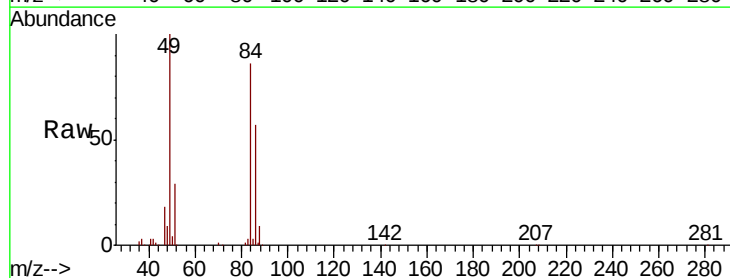
Instrument :
MSVOA_Y
ClientSampled :

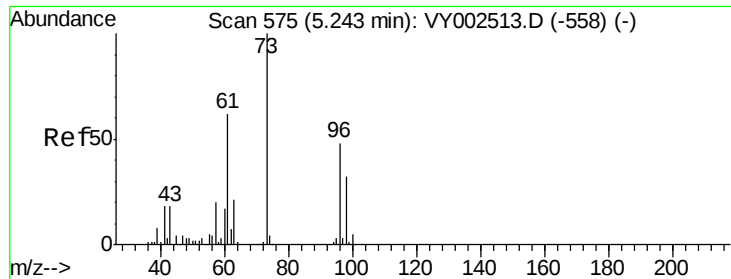
Tot Ion: 73 Resp: 412384
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5



#20
Methylene Chloride
Concen: 49.681 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 84 Resp: 174783
Ion Ratio Lower Upper
84 100
49 116.3 90.5 135.7
51 33.7 28.3 42.5
86 66.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.139 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

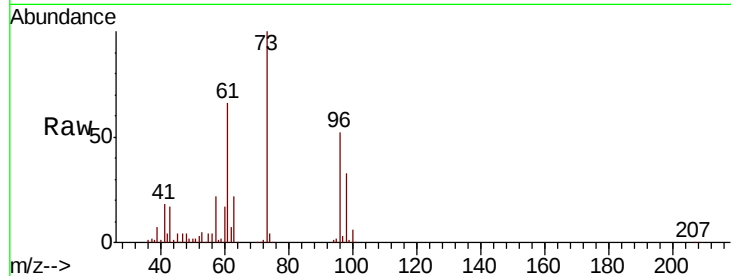
Tot Ion: 96 Resp: 181268

Ion Ratio Lower Upper

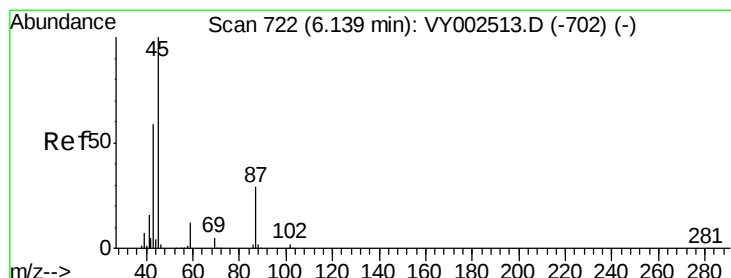
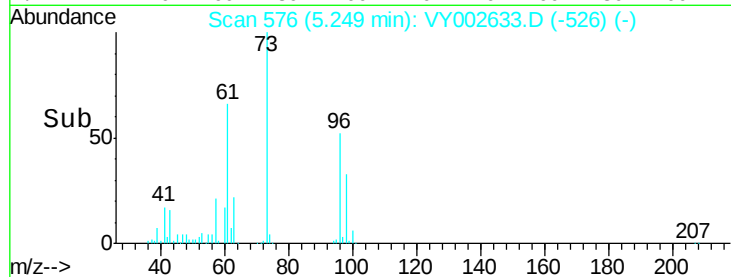
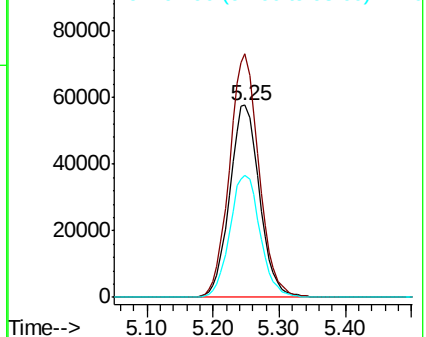
96 100

61 126.9 102.0 153.0

98 63.7 53.0 79.4



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



#22

Diisopropyl ether

Concen: 53.104 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Tgt Ion: 45 Resp: 488614

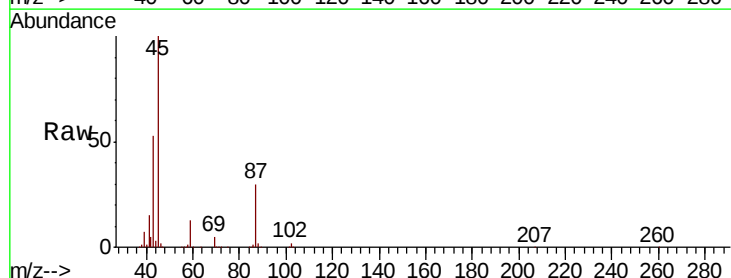
Ion Ratio Lower Upper

45 100

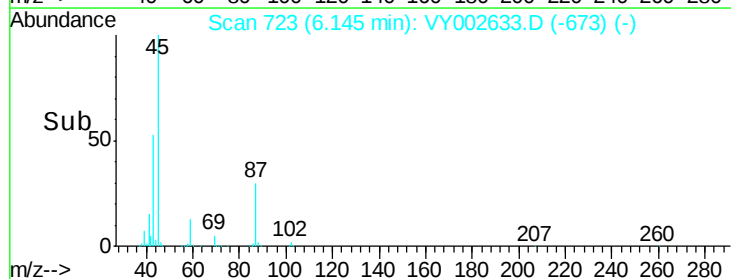
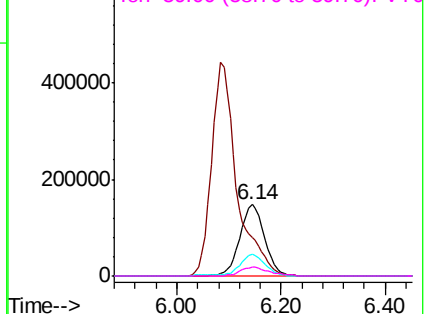
43 52.9 47.4 71.0

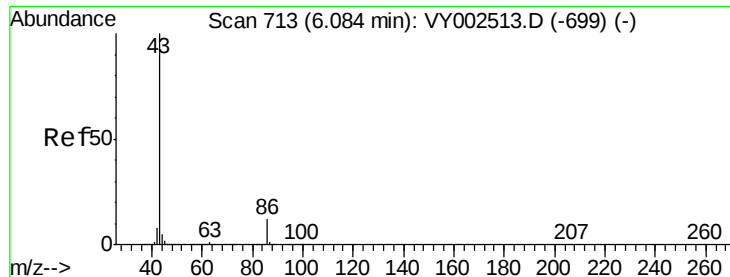
87 30.4 24.0 36.0

59 12.8 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 258.055 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

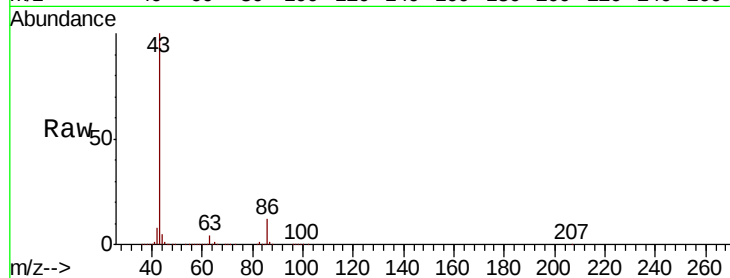
ClientSampleId :

Tot Ion: 43 Resp: 1493231

Ion Ratio Lower Upper

43 100

86 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

400000

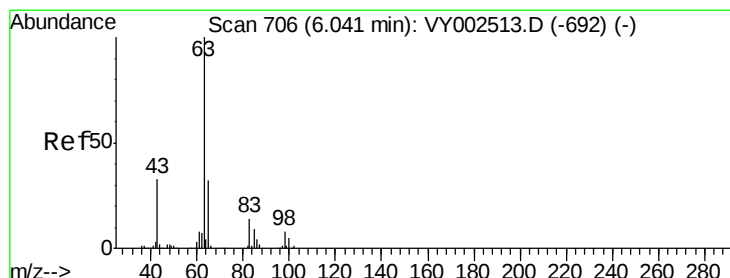
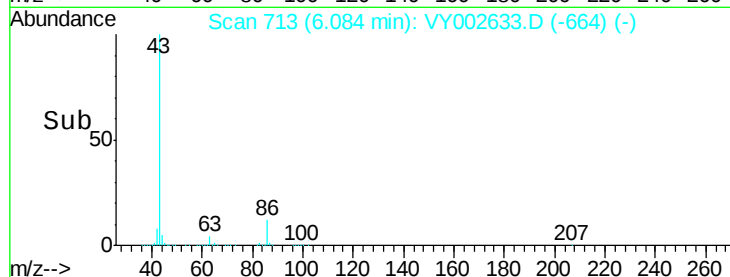
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.720 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

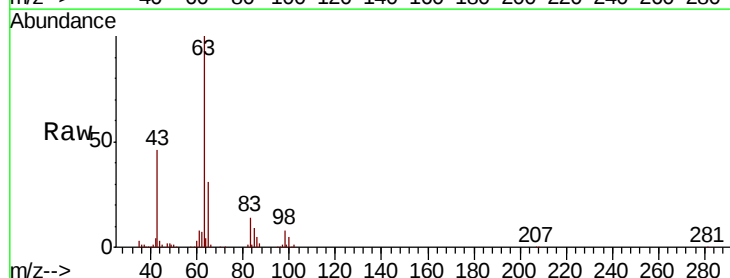
Tgt Ion: 63 Resp: 286969

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

120000

100000

80000

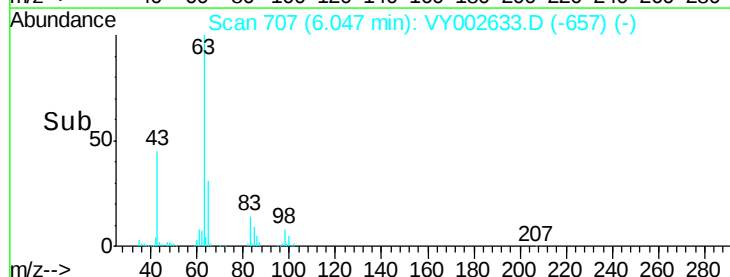
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 236.237 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

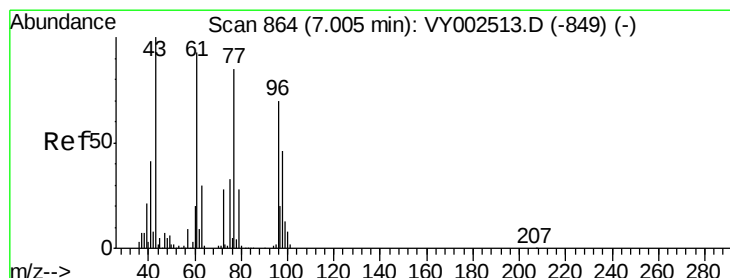
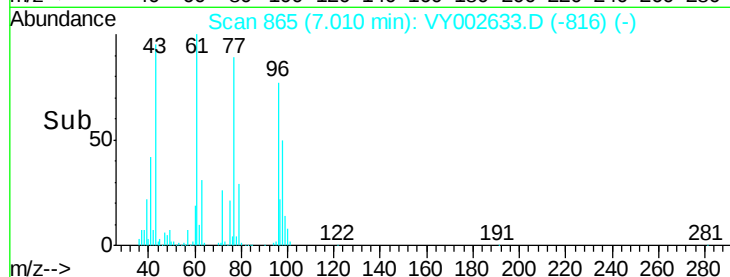
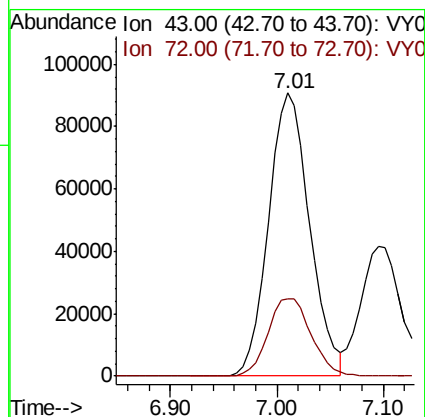
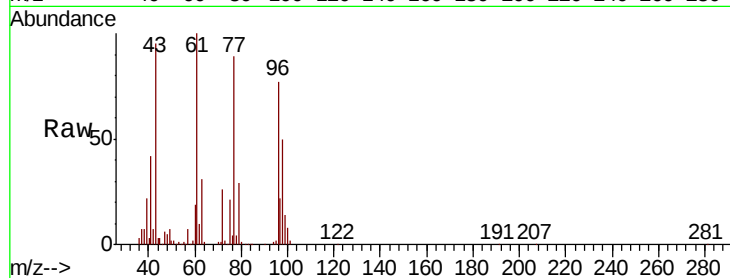
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 243284

Ion Ratio Lower Upper

43 100

72 27.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 51.021 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002633.D

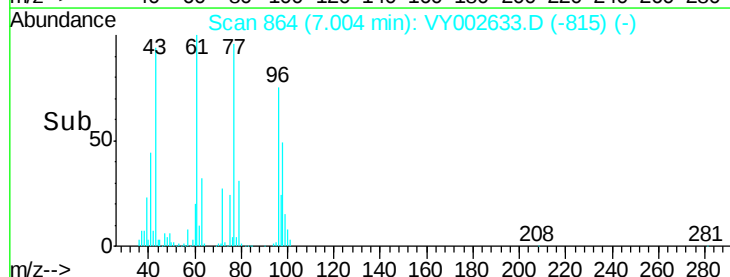
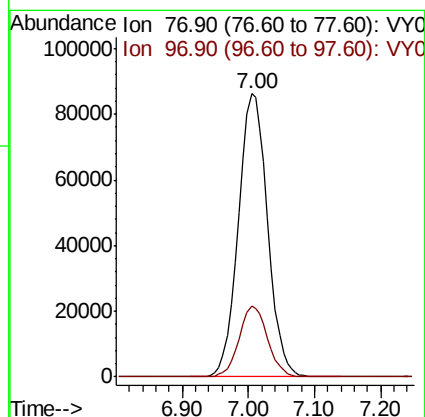
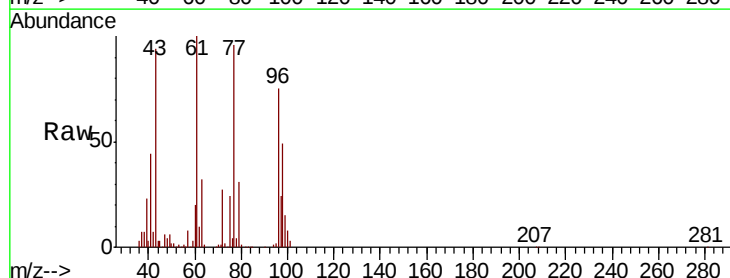
Acq: 08 May 2020 10:37

Tgt Ion: 77 Resp: 263983

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.5



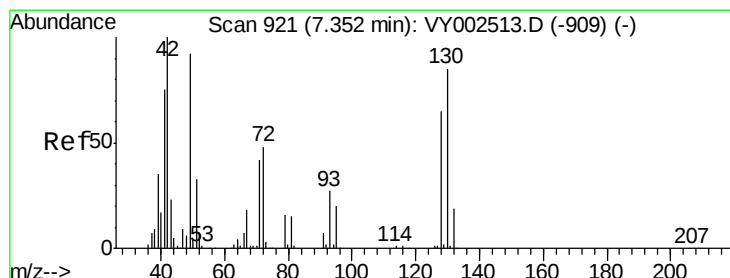
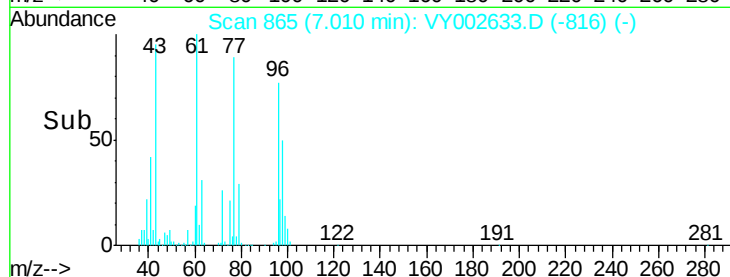
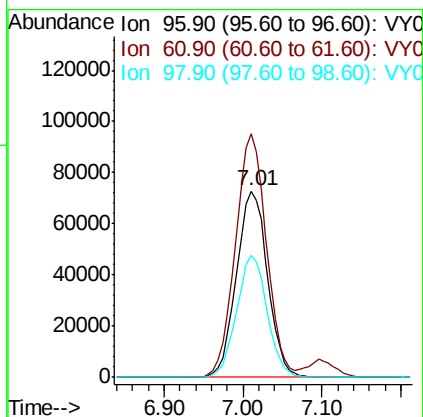
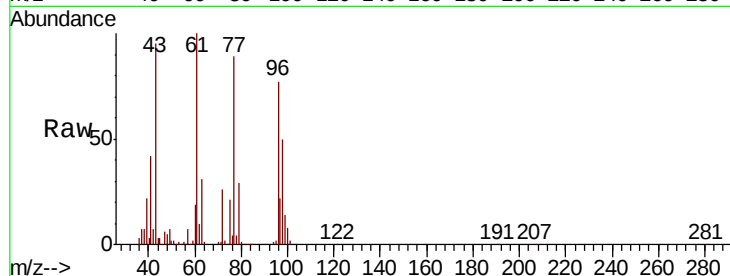


#27

cis-1,2-Dichloroethene
Concen: 53.018 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

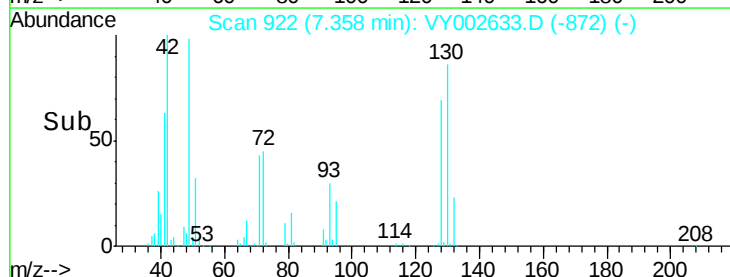
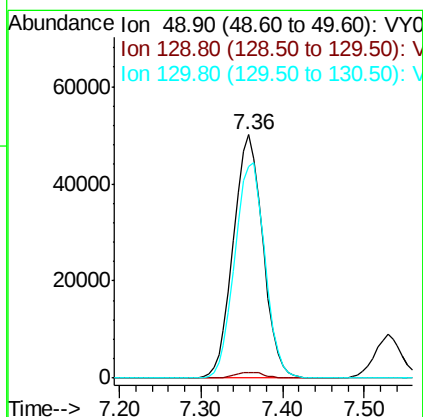
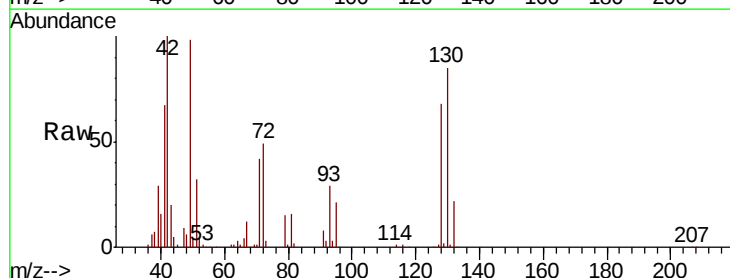
Tot Ion	96	Resp	200113
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	266.6
98	64.2	0.0	129.2

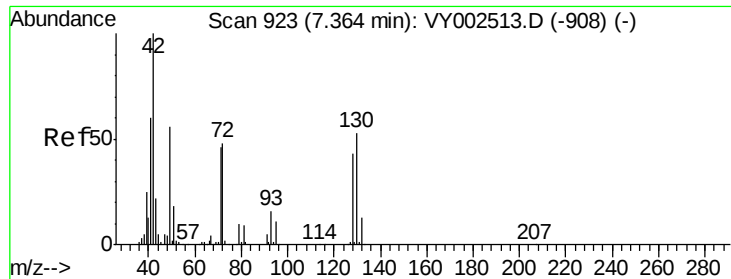


#28

Bromochloromethane
Concen: 56.373 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion	49	Resp	125725
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	90.2	72.5	108.7





#29

Tetrahydrofuran

Concen: 247.539 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

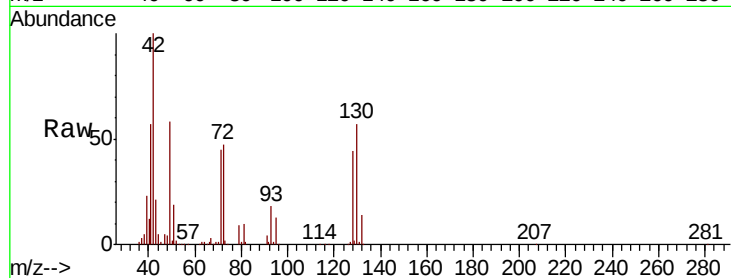
Tot Ion: 42 Resp: 168661

Ion Ratio Lower Upper

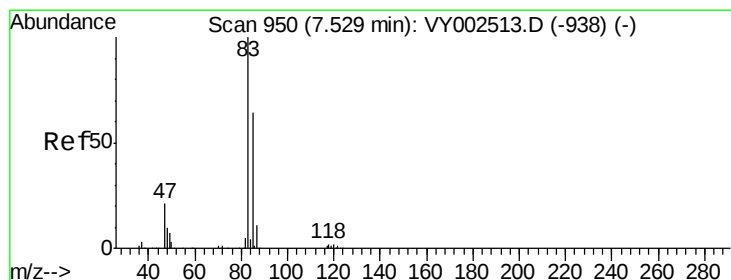
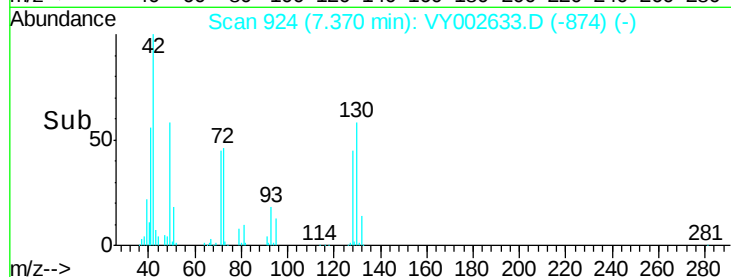
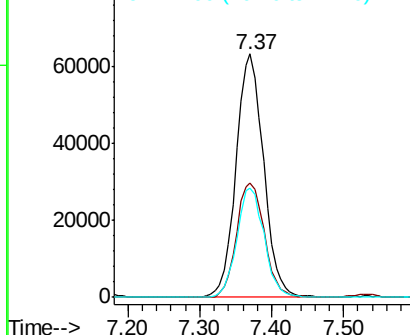
42 100

72 47.4 37.4 56.2

71 44.2 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 52.069 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002633.D

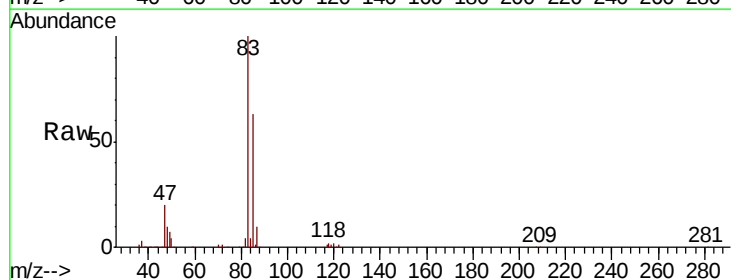
Acq: 08 May 2020 10:37

Tgt Ion: 83 Resp: 294698

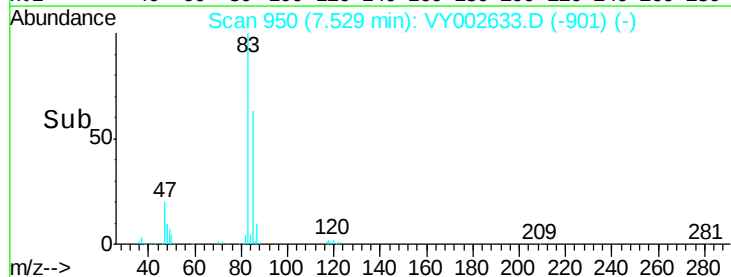
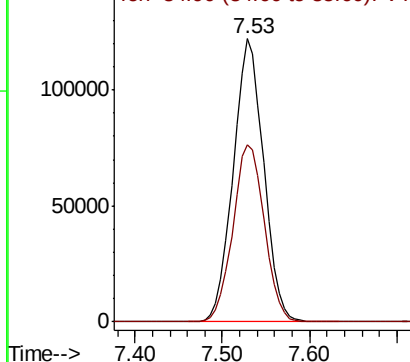
Ion Ratio Lower Upper

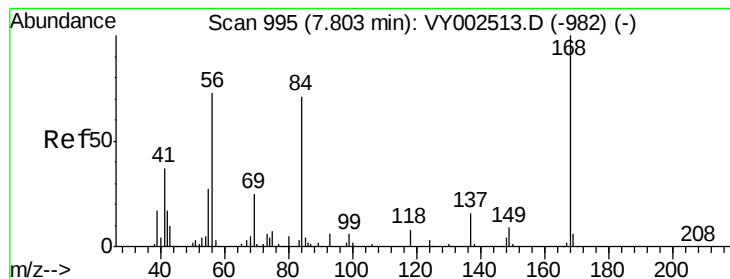
83 100

85 62.7 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: 50.985 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampled :

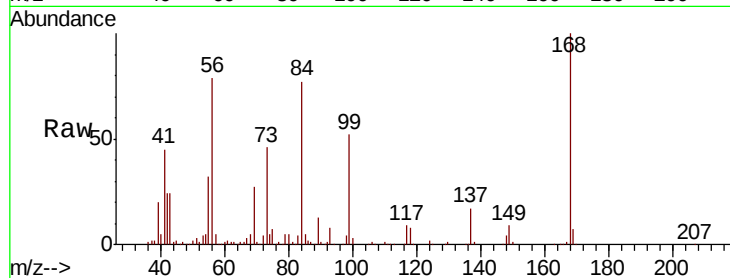
Tot Ion: 56 Resp: 279350

Ion Ratio Lower Upper

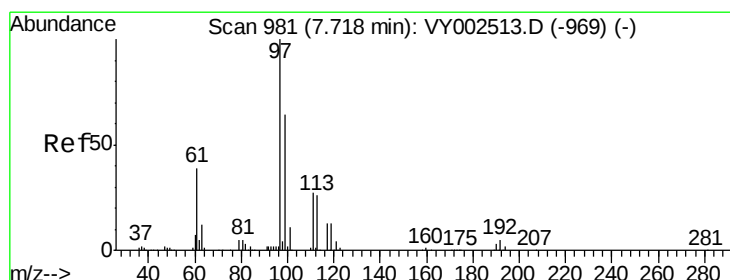
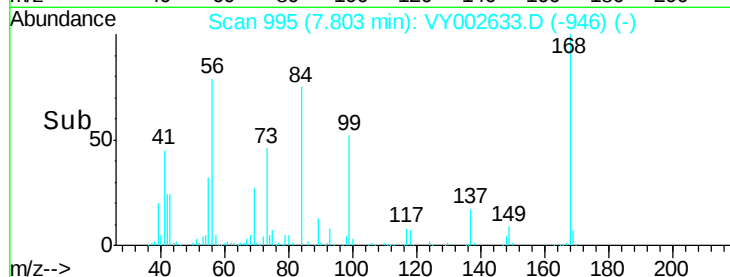
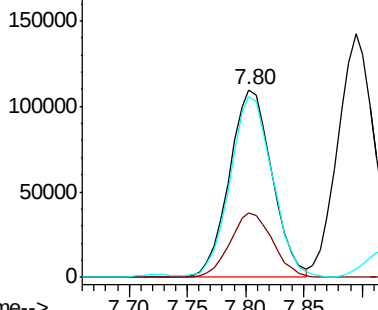
56 100

69 34.3 27.6 41.4

84 95.2 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 51.850 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

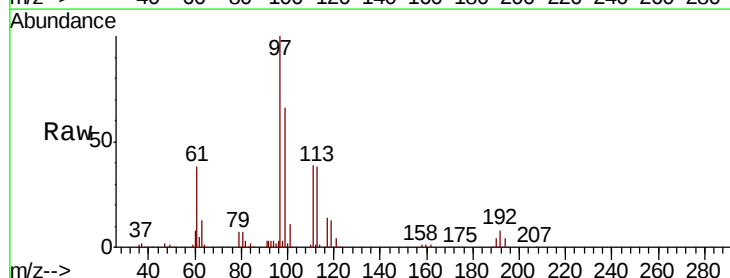
Tgt Ion: 97 Resp: 272763

Ion Ratio Lower Upper

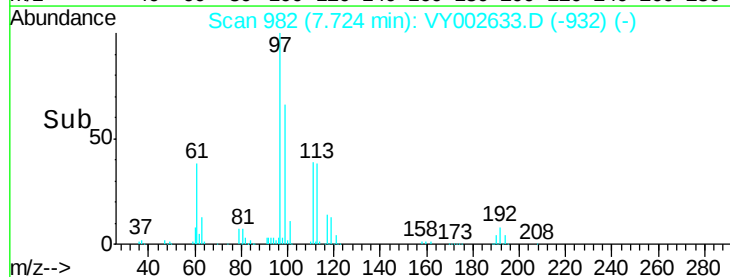
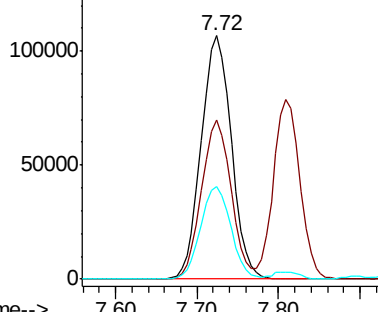
97 100

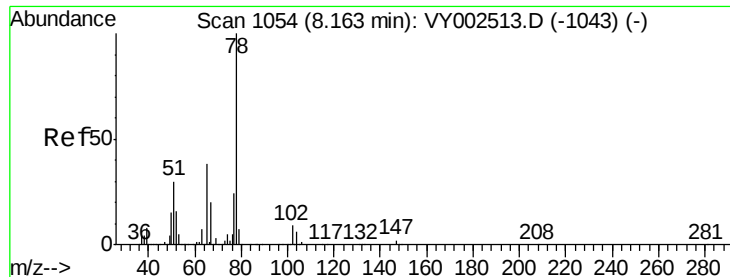
99 63.9 51.9 77.9

61 38.3 31.0 46.6



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

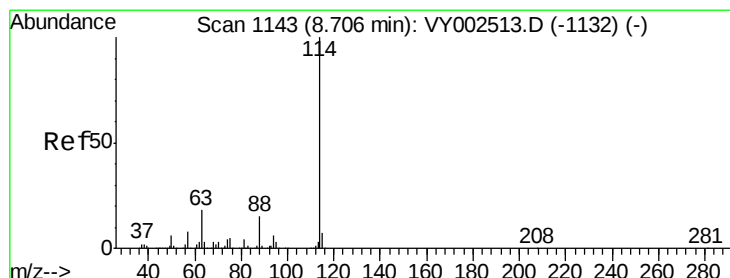
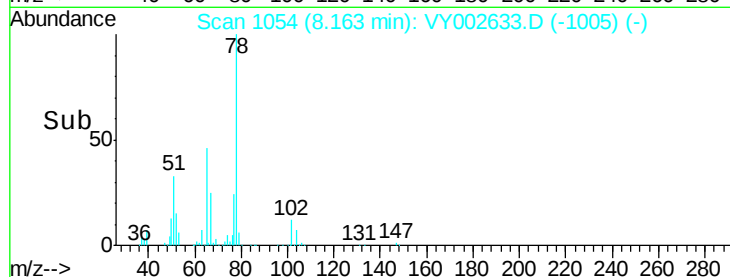
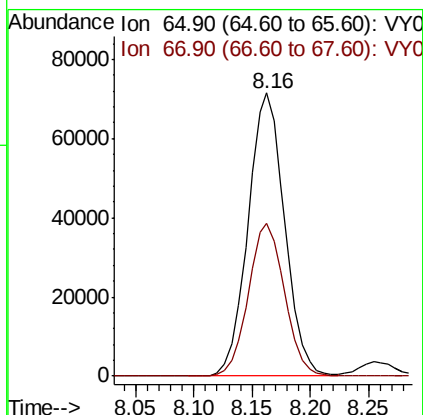
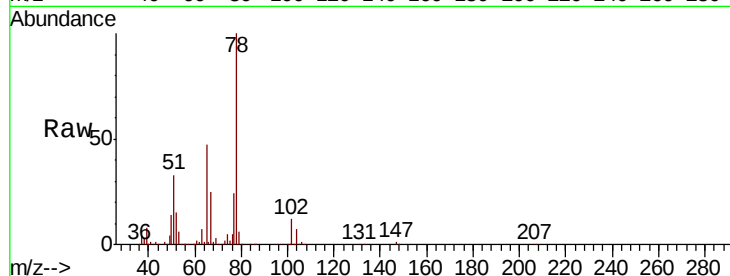




#33
 1,2-Dichloroethane-d4
 Concen: 51.245 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

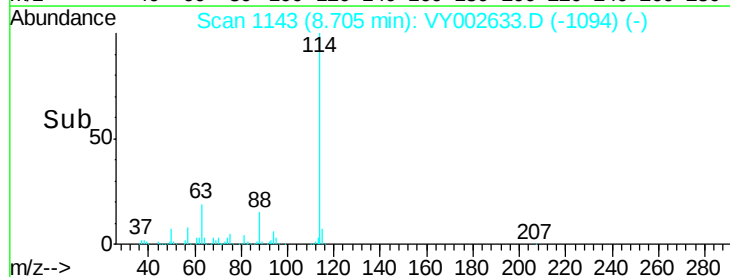
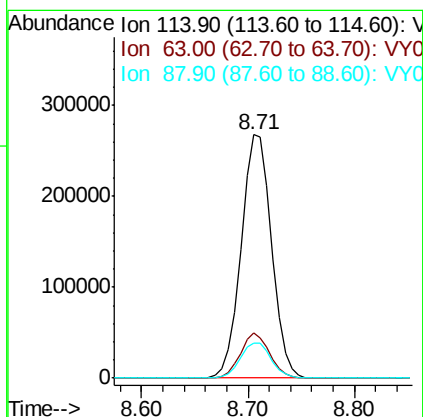
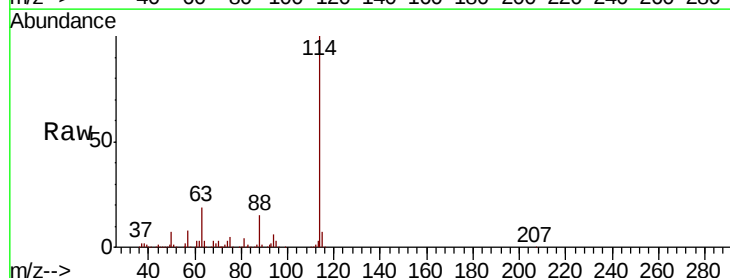
Instrument :
 MSVOA_Y
 ClientSampleId :

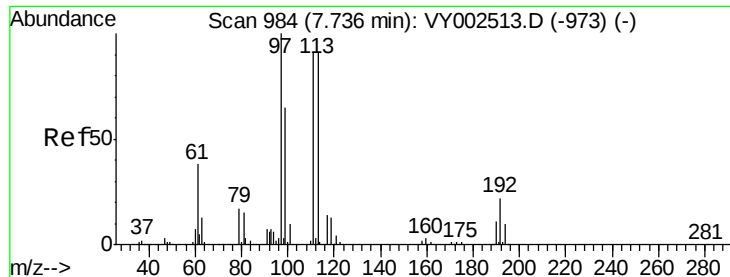
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.4
88	14.6	0.0	29.6

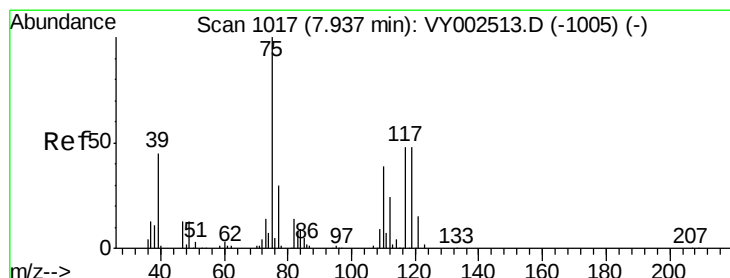
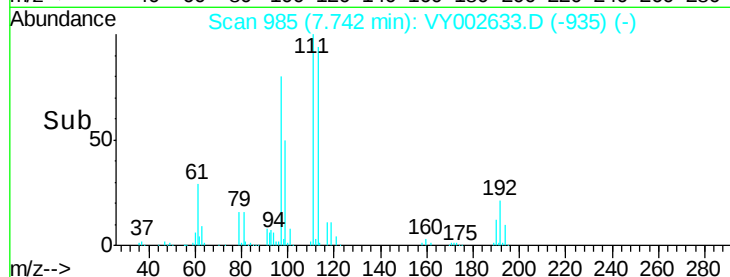
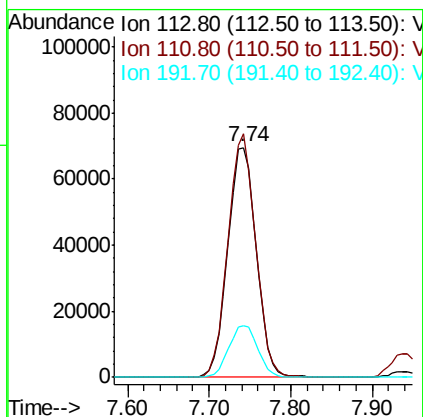
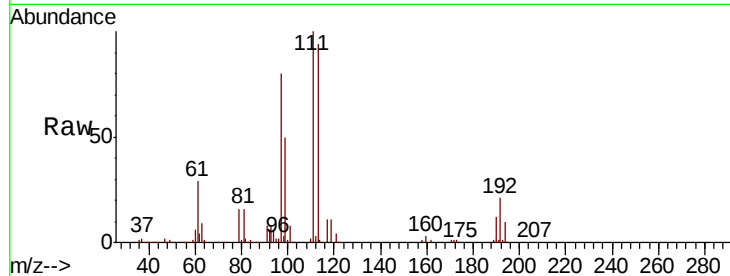




#35
Dibromofluoromethane
Concen: 54.641 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

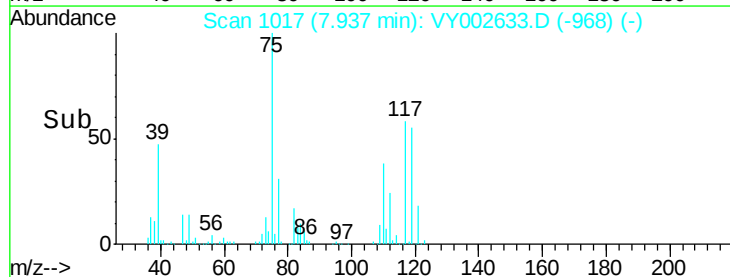
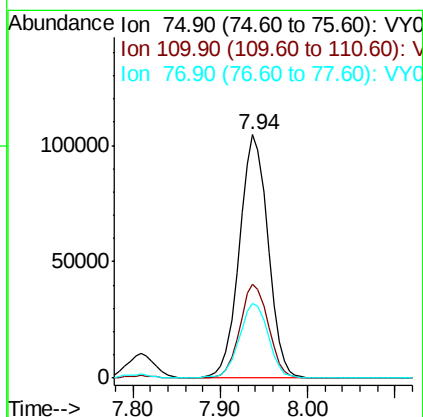
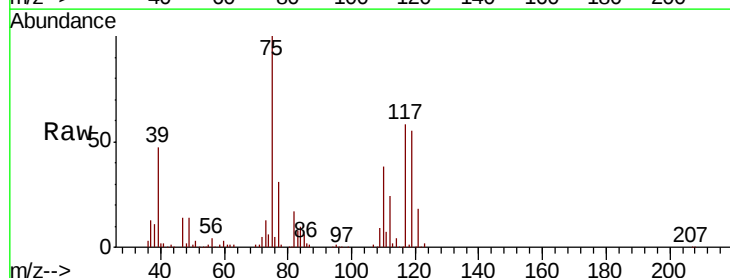
Instrument :
MSVOA_Y
ClientSampleId :

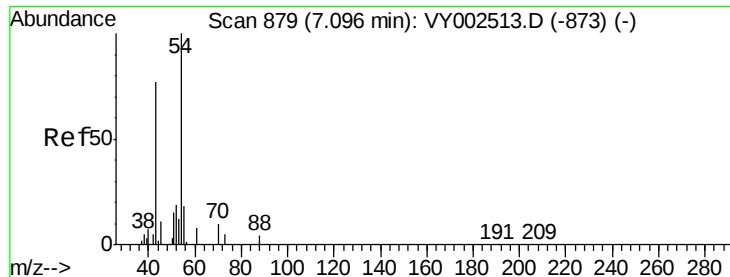
Tot Ion:113 Resp: 167626
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 22.9 18.2 27.4



#36
1,1-Dichloropropene
Concen: 52.989 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 75 Resp: 238285
Ion Ratio Lower Upper
75 100
110 38.5 19.1 57.3
77 31.2 24.6 37.0

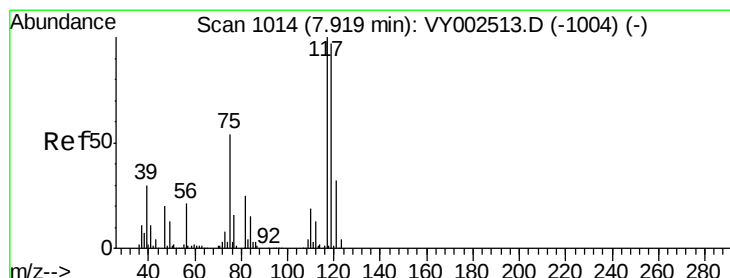
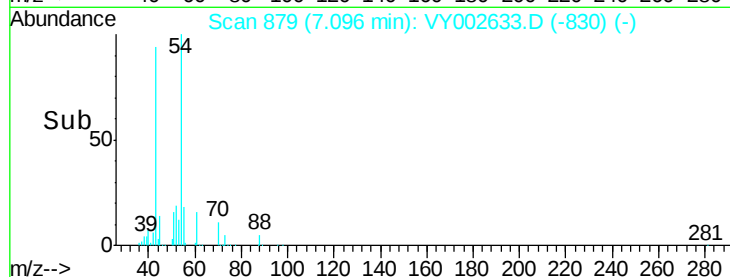
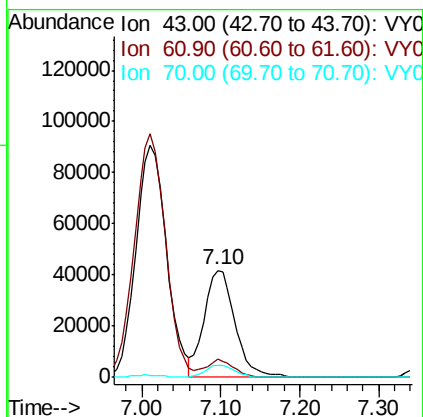
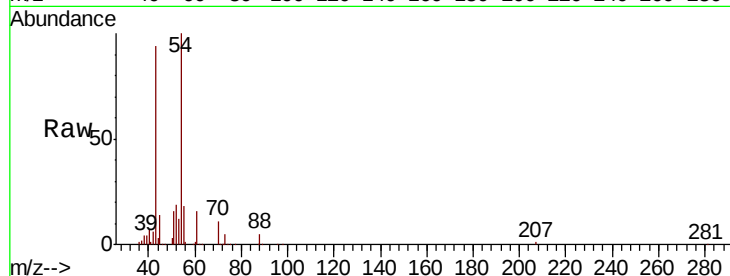




#37
Ethyl Acetate
Concen: 49.491 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

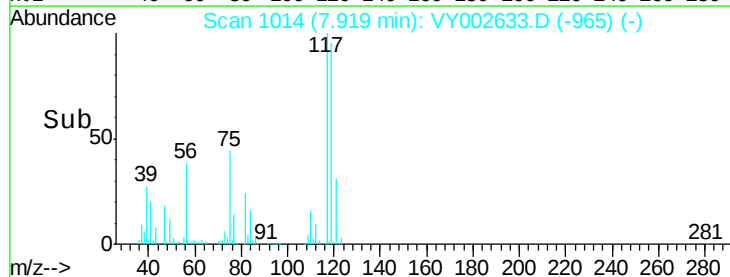
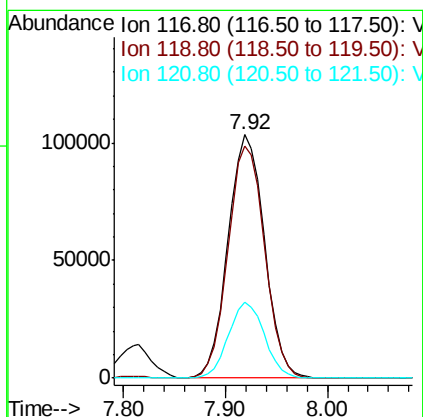
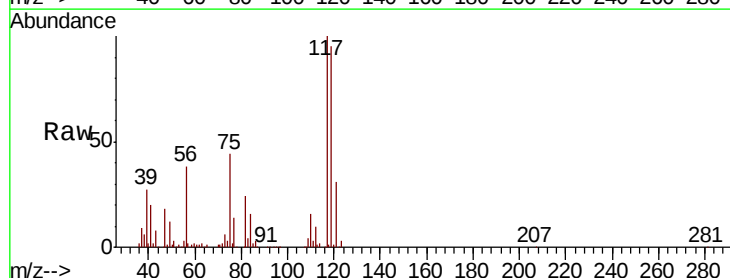
Instrument :
MSVOA_Y
ClientSampled :

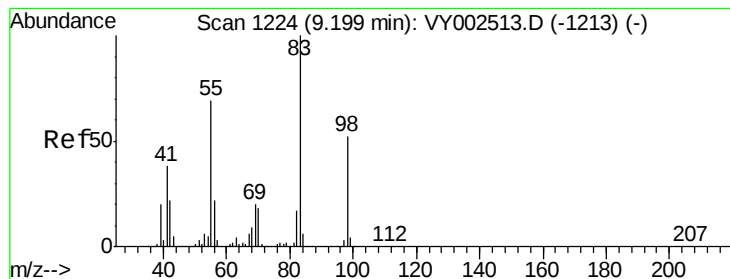
Tot Ion: 43 Resp: 114365
Ion Ratio Lower Upper
43 100
61 13.9 11.6 17.4
70 11.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.165 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 117 Resp: 256101
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
121 31.0 25.2 37.8

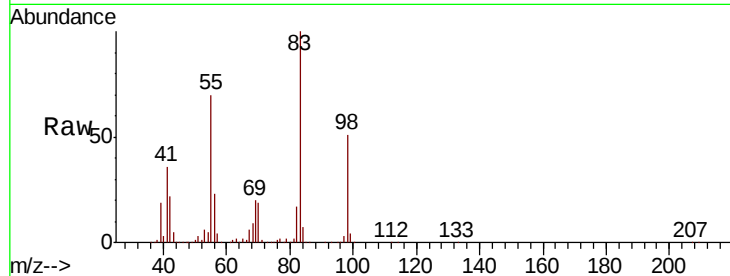




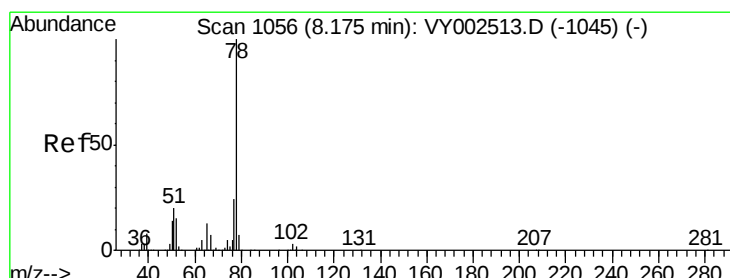
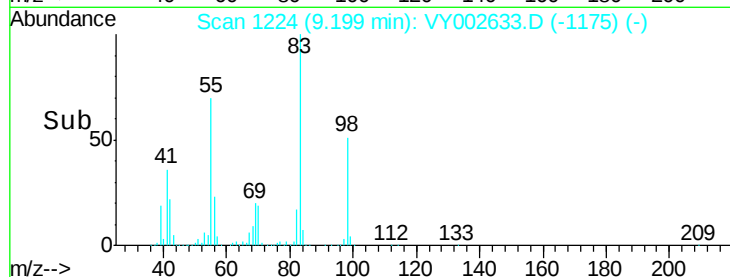
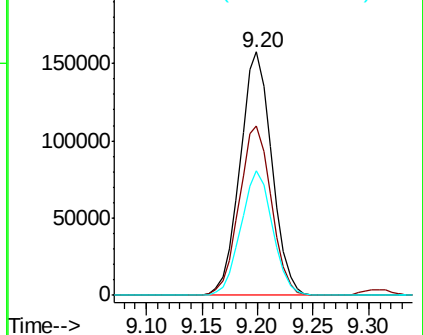
#39
Methvlcvclohexane
Concen: 52.512 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 311892
Ion Ratio Lower Upper
83 100
55 69.8 55.4 83.0
98 51.2 41.3 61.9

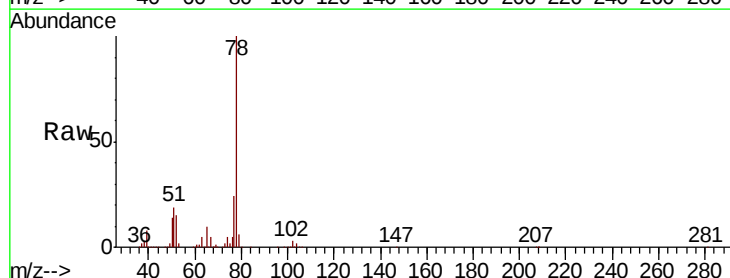


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

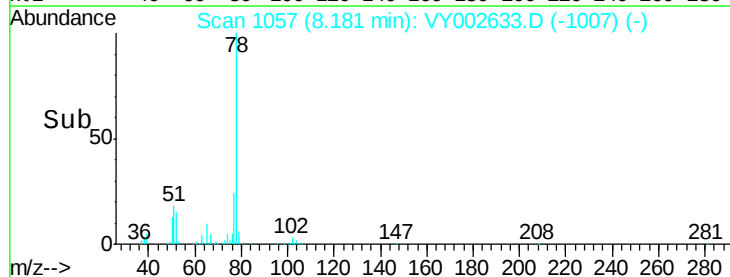
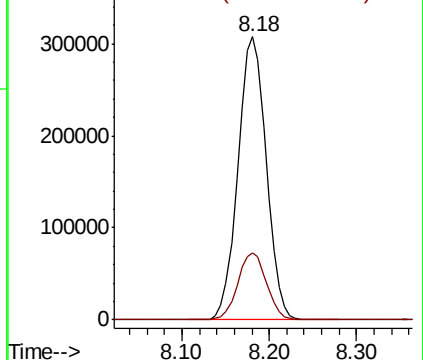


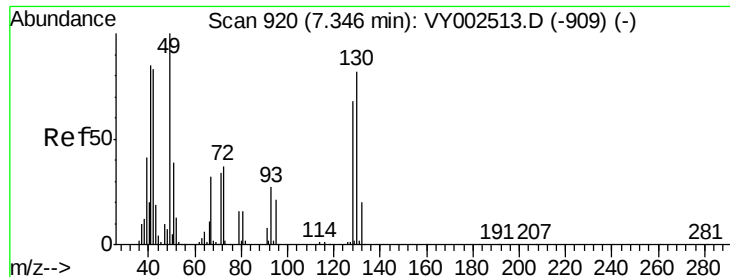
#40
Benzene
Concen: 53.122 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 78 Resp: 689933
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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

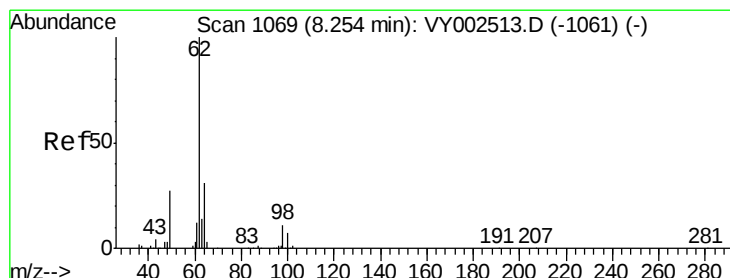
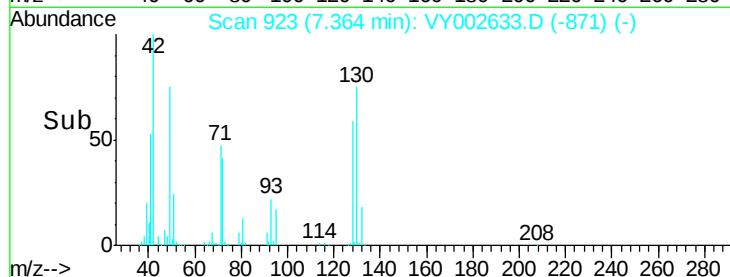
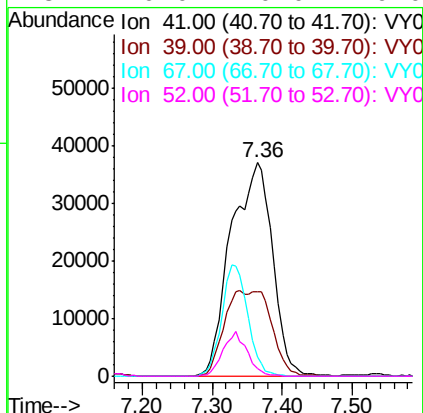
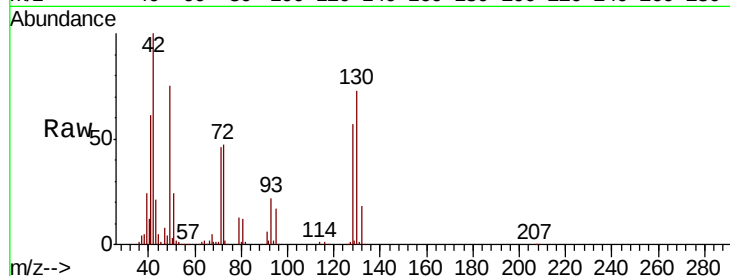




#41
Methacrylonitrile
Concen: 123.346 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

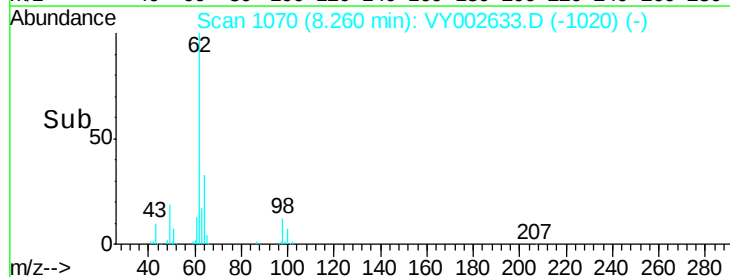
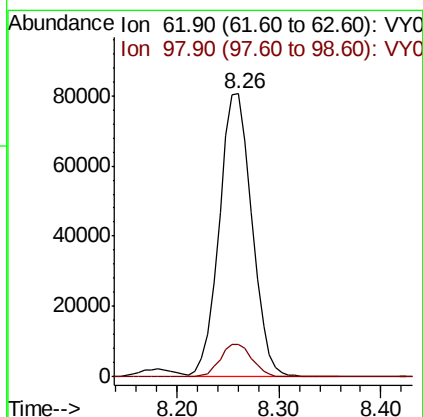
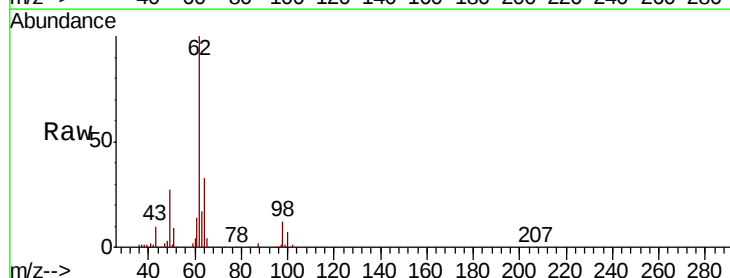
Instrument :
MSVOA_Y
ClientSampleId :

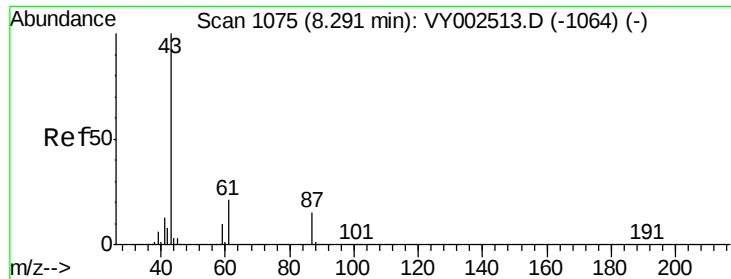
Tot Ion: 41 Resp: 153252
Ion Ratio Lower Upper
41 100
39 0.0 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.052 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 62 Resp: 178699
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.0

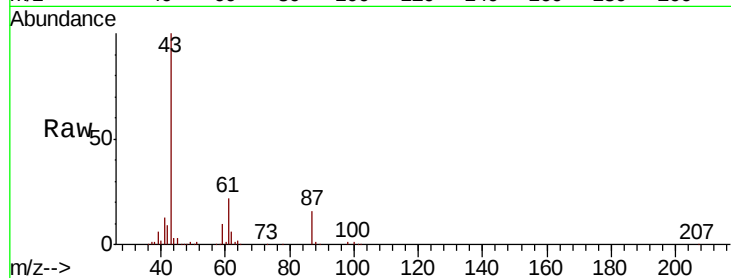




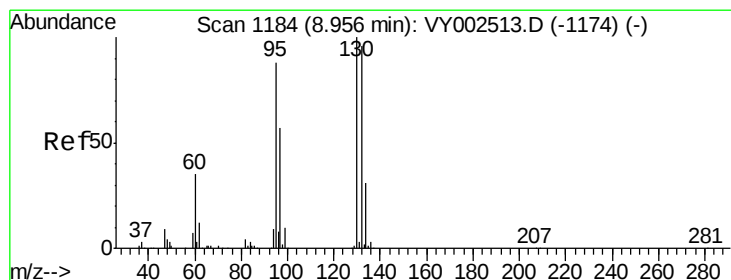
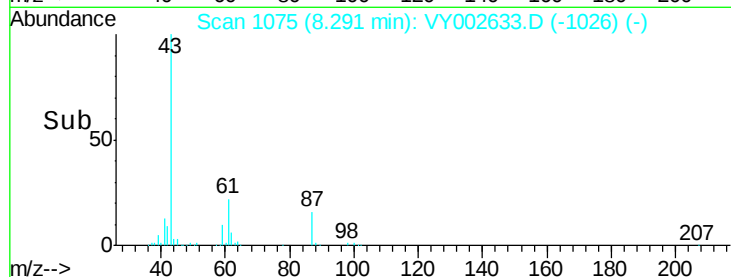
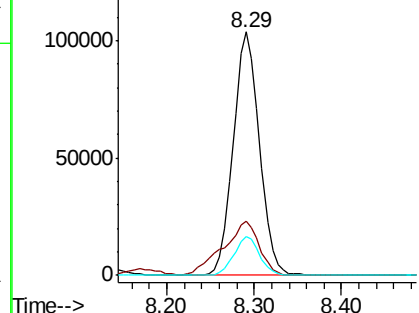
#43
Isopropyl Acetate
Concen: 49.871 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 216048
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 15.6 12.2 18.2

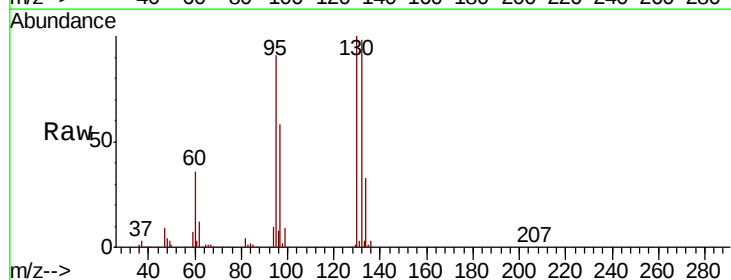


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

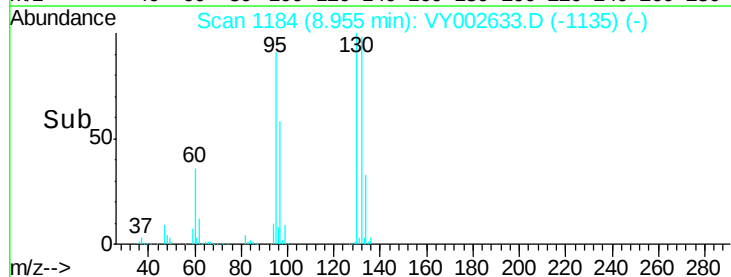
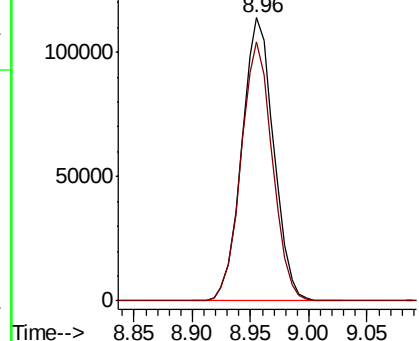


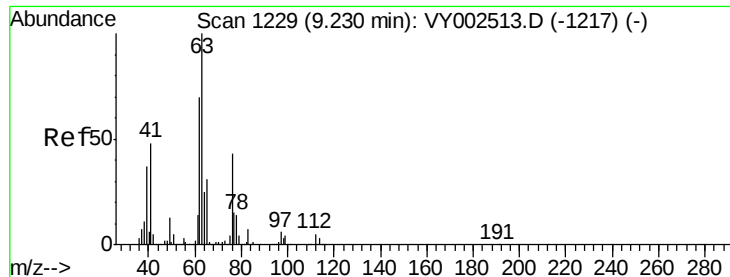
#44
Trichloroethene
Concen: 53.612 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion:130 Resp: 217604
Ion Ratio Lower Upper
130 100
95 91.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

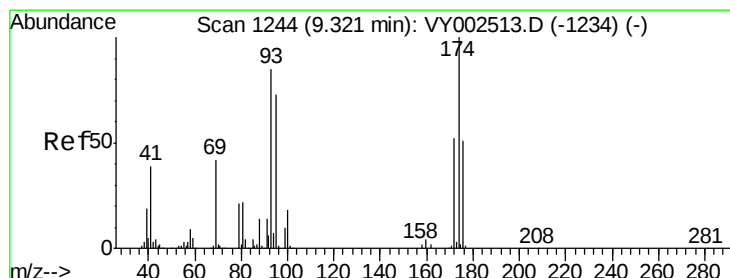
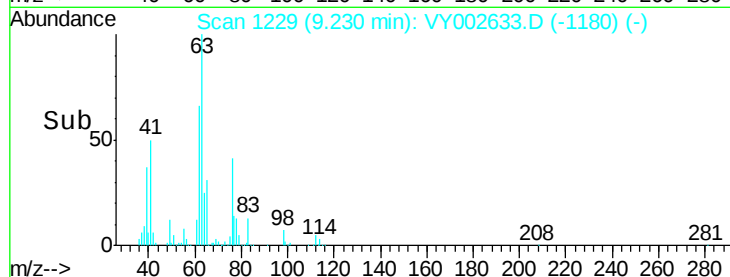
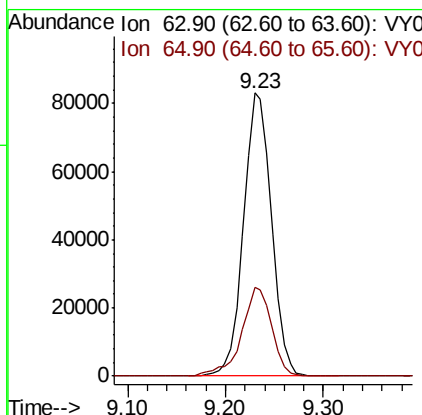
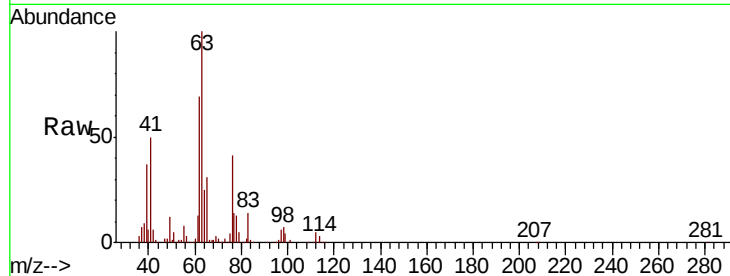




#45
 1,2-Dichloropropane
 Concen: 52.367 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

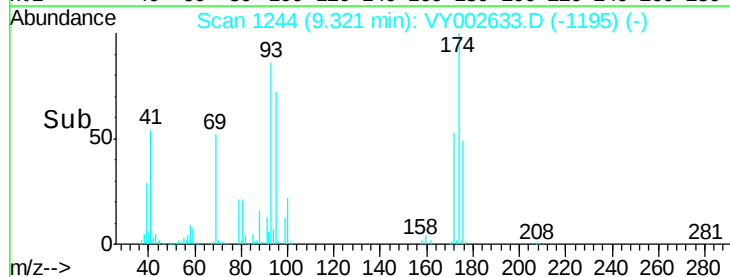
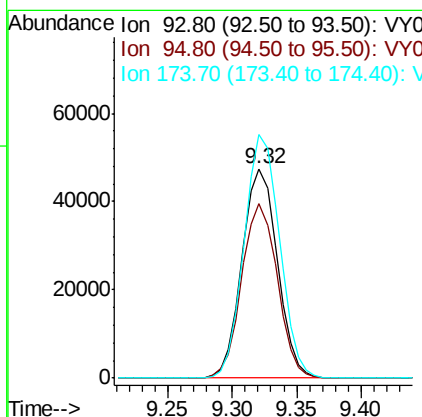
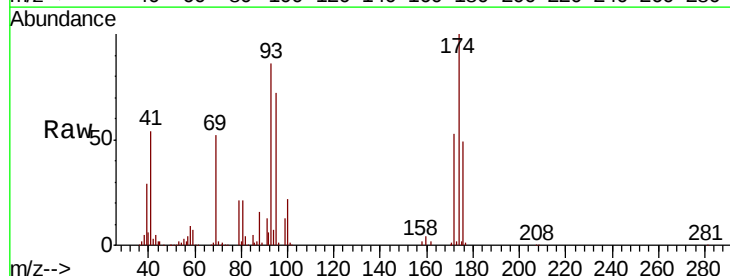
Instrument :
 MSVOA_Y
 ClientSampleId :

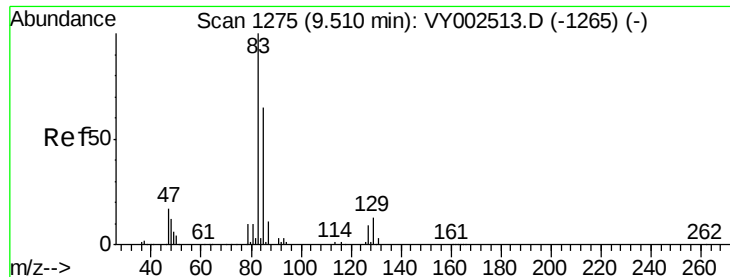
Tot Ion: 63 Resp: 164147
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.5 36.7



#46
 Dibromomethane
 Concen: 50.184 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion: 93 Resp: 90507
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 116.4 92.7 139.1





#47

Bromodichloromethane

Concen: 51.534 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

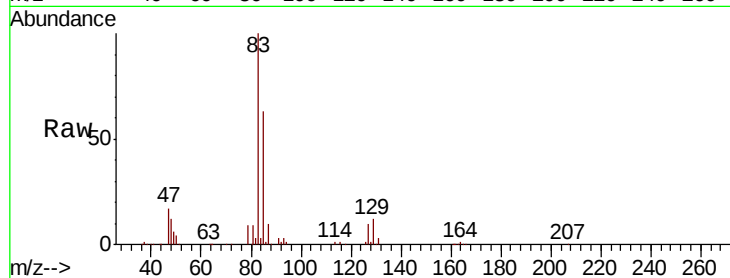
Tot Ion: 83 Resp: 225989

Ion Ratio Lower Upper

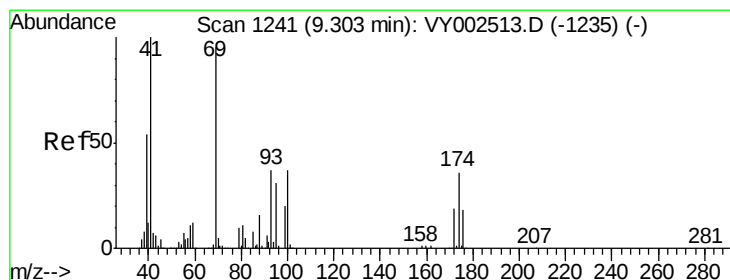
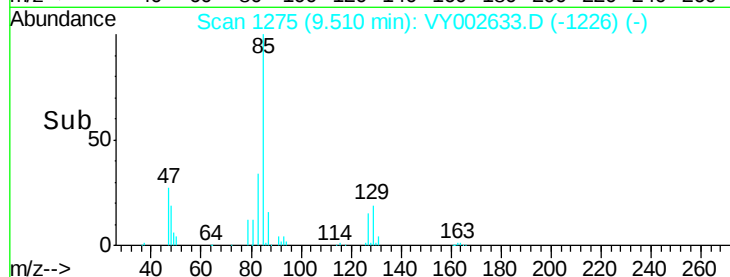
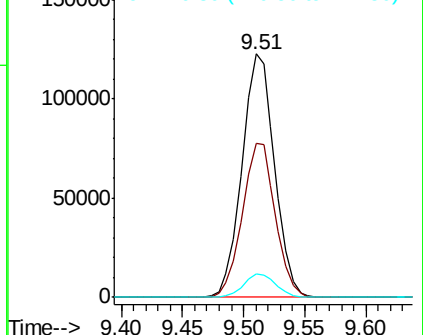
83 100

85 63.0 51.8 77.8

127 9.5 7.4 11.0



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



#48

Methyl methacrylate

Concen: 51.723 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

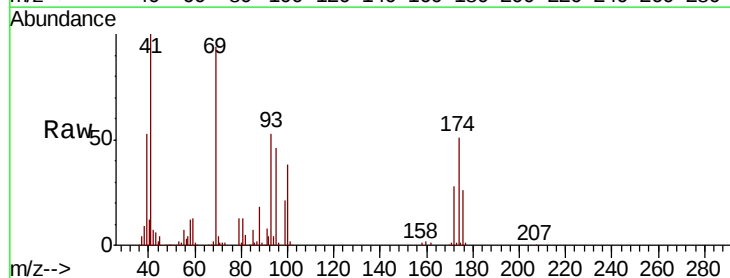
Tgt Ion: 41 Resp: 101407

Ion Ratio Lower Upper

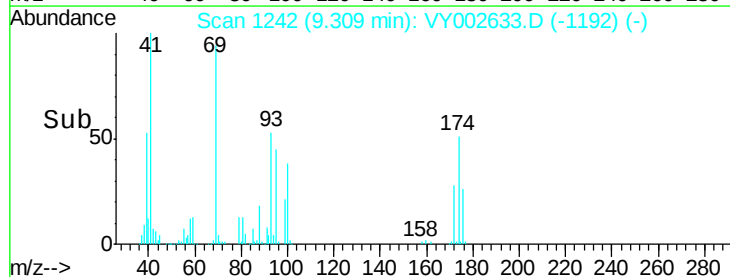
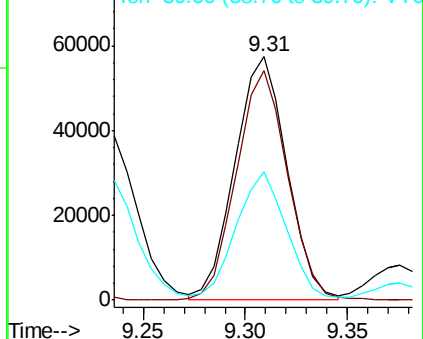
41 100

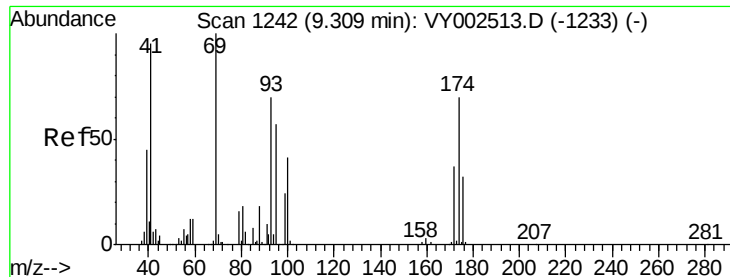
69 93.1 76.2 114.4

39 51.5 42.7 64.1



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

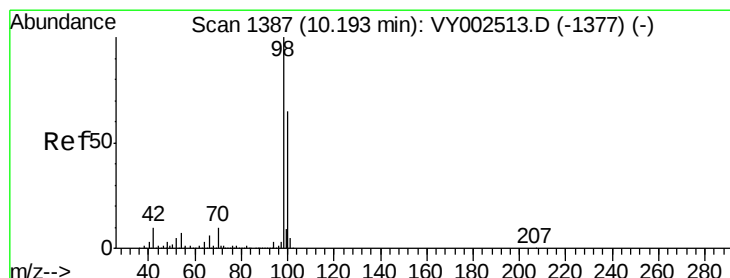
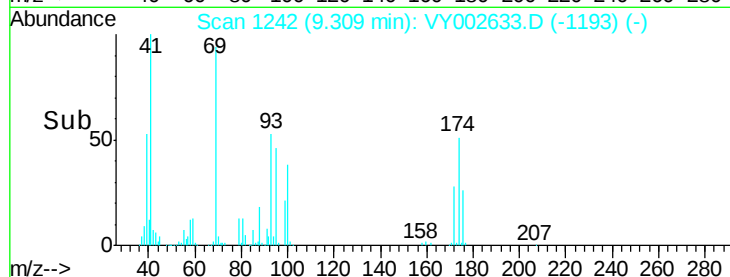
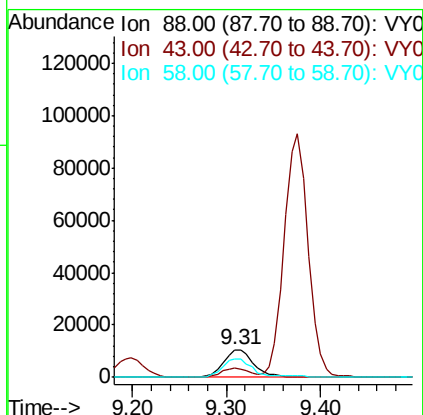
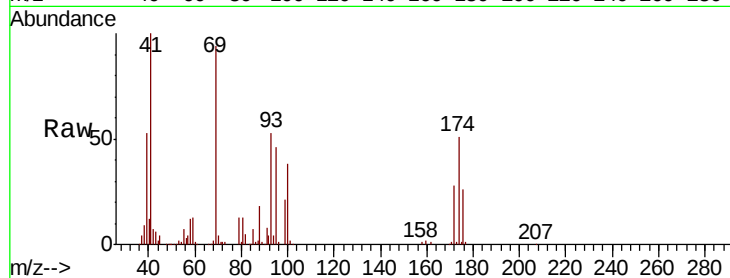




#49
1,4-Dioxane
Concen: 988.113 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

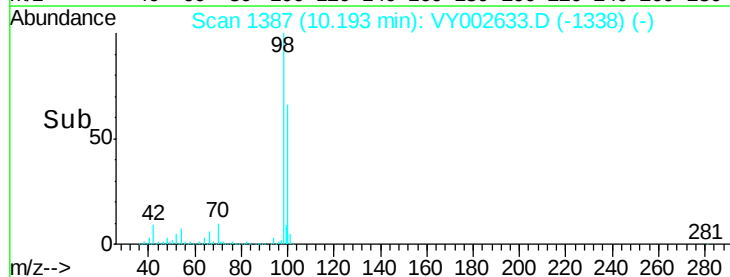
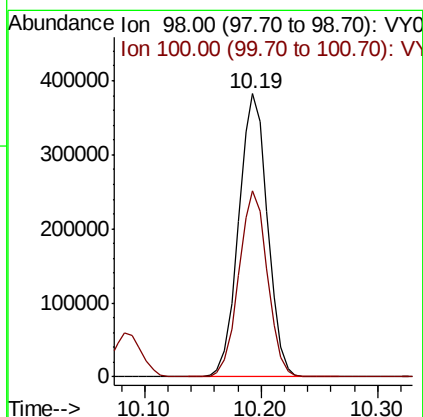
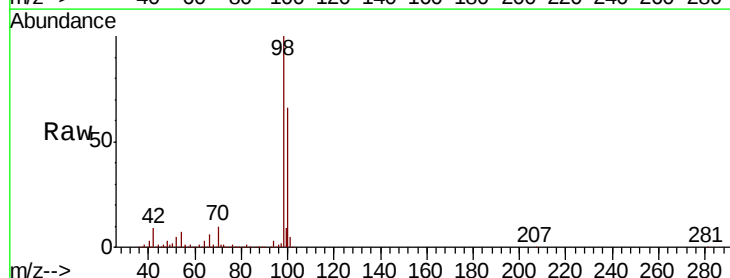
Instrument :
MSVOA_Y
ClientSampled :

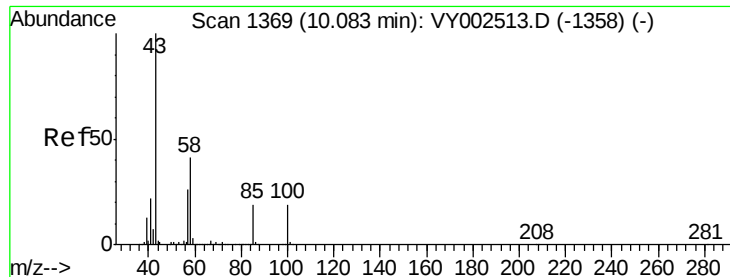
Tot Ion: 88 Resp: 23595
Ion Ratio Lower Upper
88 100
43 30.6 22.8 34.2
58 66.6 51.4 77.2



#50
Toluene-d8
Concen: 54.908 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 98 Resp: 657806
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 249.039 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

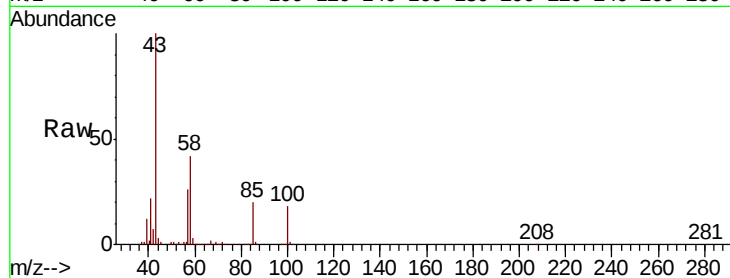
ClientSampled :

Tot Ion: 43 Resp: 556089

Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

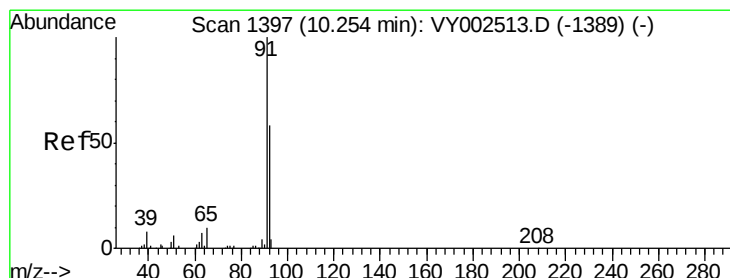
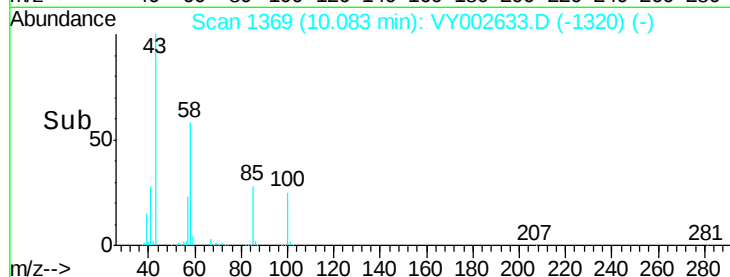
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.605 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002633.D

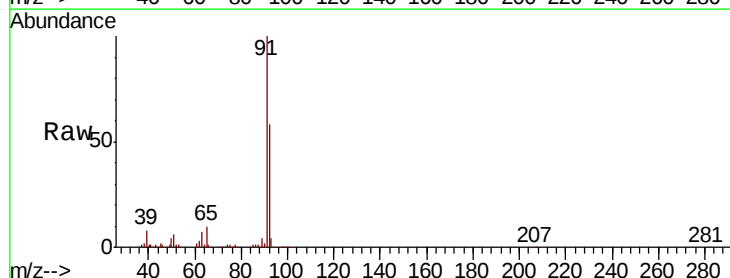
Acq: 08 May 2020 10:37

Tgt Ion: 92 Resp: 439092

Ion Ratio Lower Upper

92 100

91 173.4 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

10.26

500000

400000

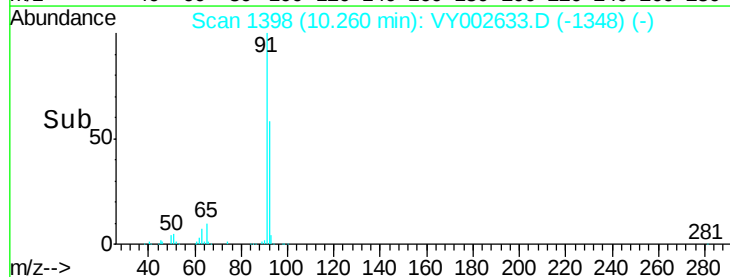
300000

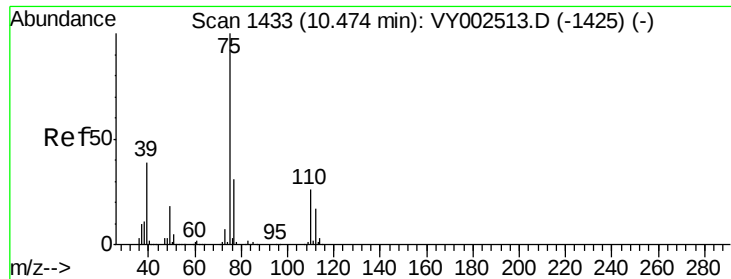
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.992 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

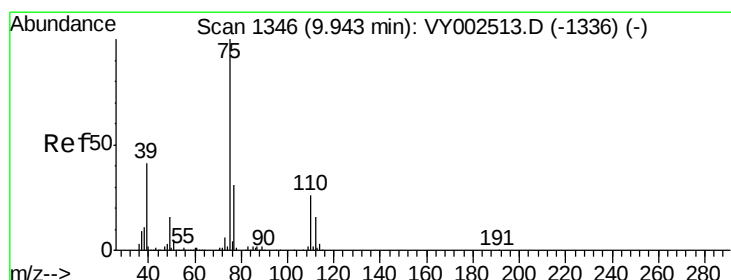
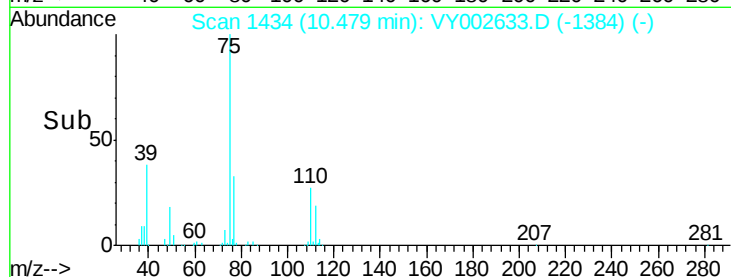
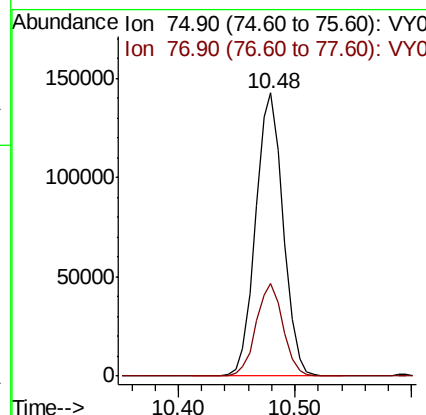
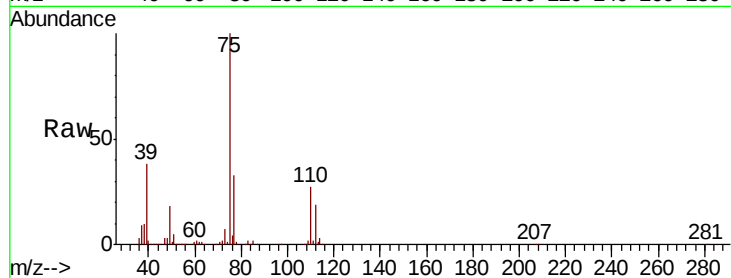
ClientSampleId :

Tot Ion: 75 Resp: 234290

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.073 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

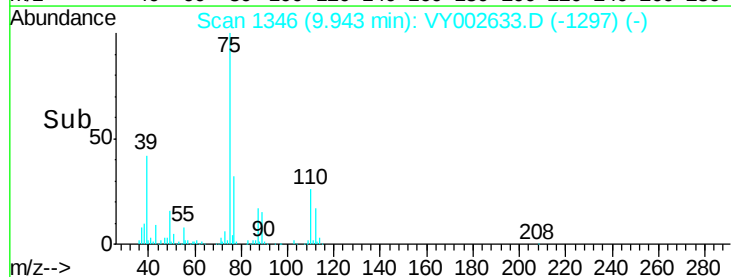
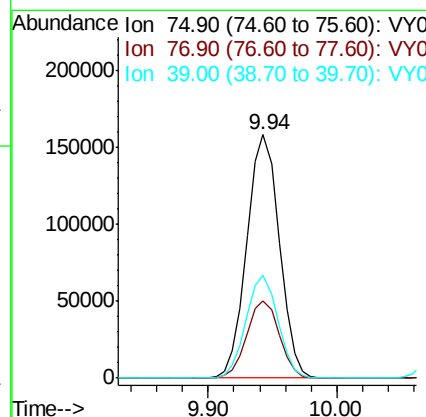
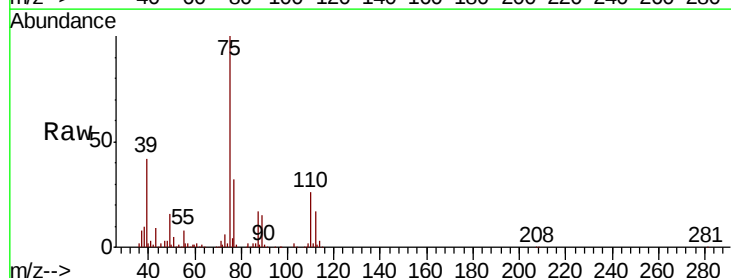
Tgt Ion: 75 Resp: 276593

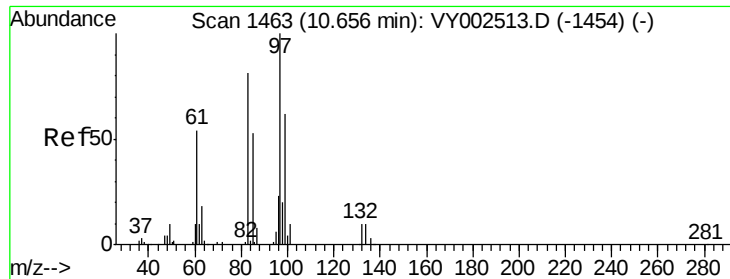
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 42.1 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 51.043 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 134242

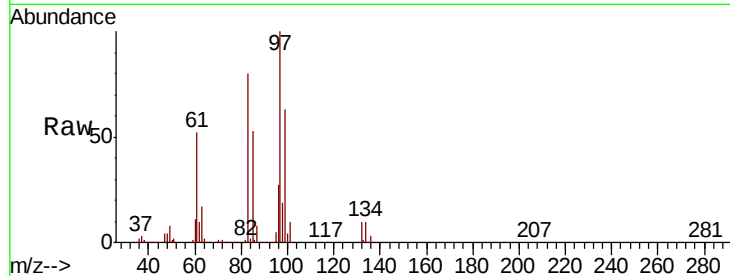
Ion Ratio Lower Upper

97 100

83 79.7 65.1 97.7

85 52.5 42.7 64.1

99 63.3 50.0 75.0

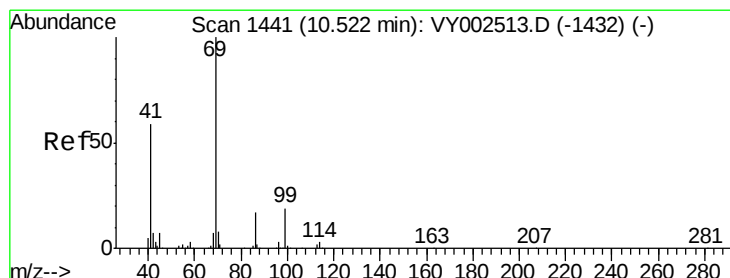
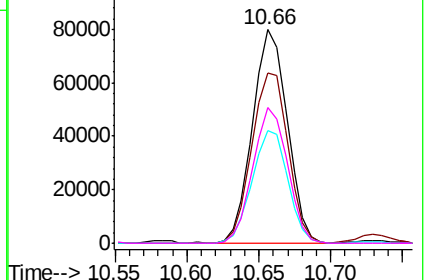
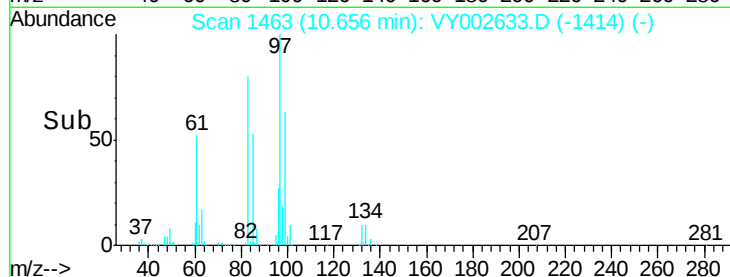


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 51.565 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

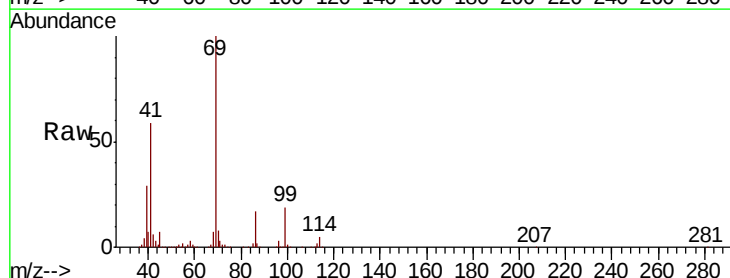
Tgt Ion: 69 Resp: 180411

Ion Ratio Lower Upper

69 100

41 59.6 48.6 73.0

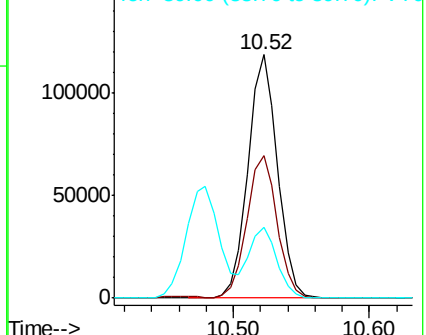
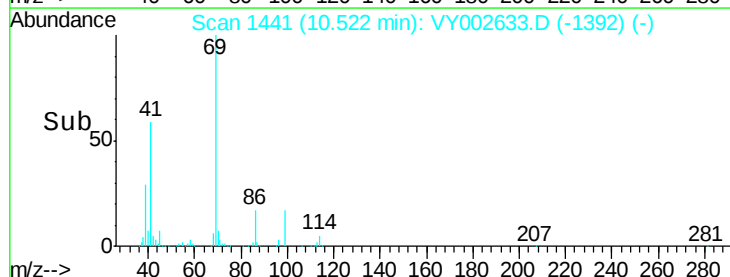
39 27.2 25.0 37.4

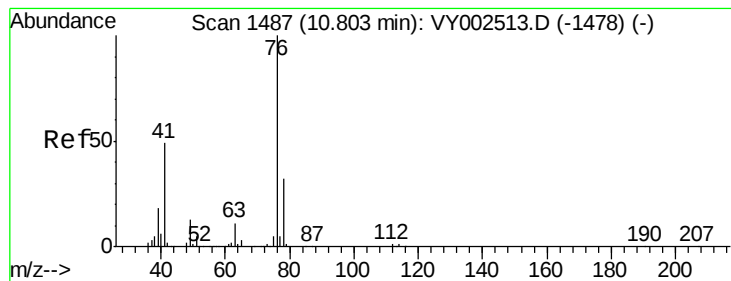


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 50.586 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

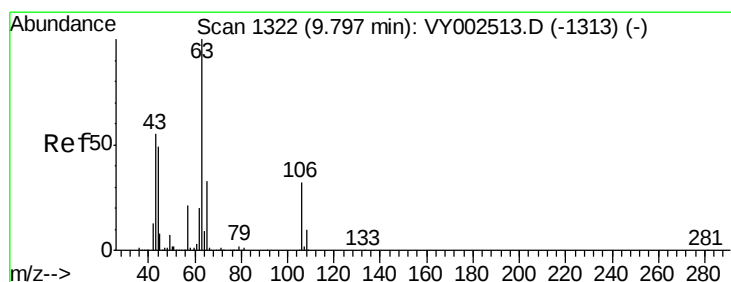
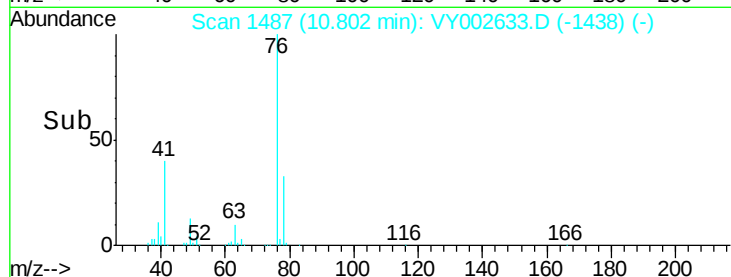
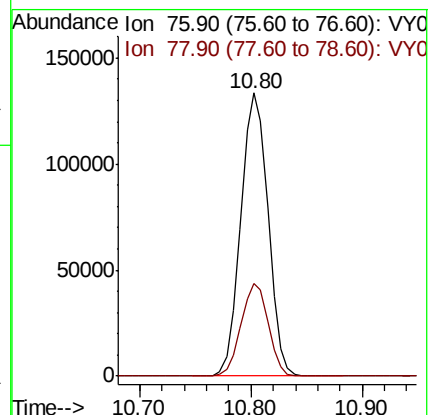
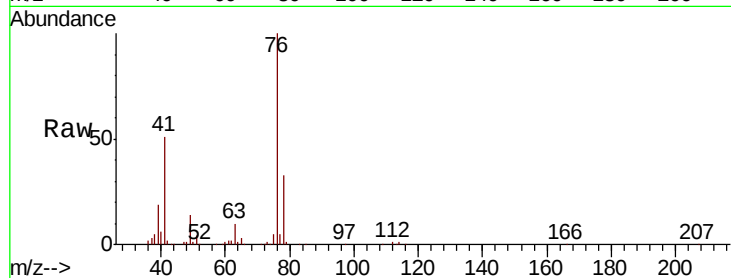
ClientSampled :

Tot Ion: 76 Resp: 225616

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.706 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002633.D

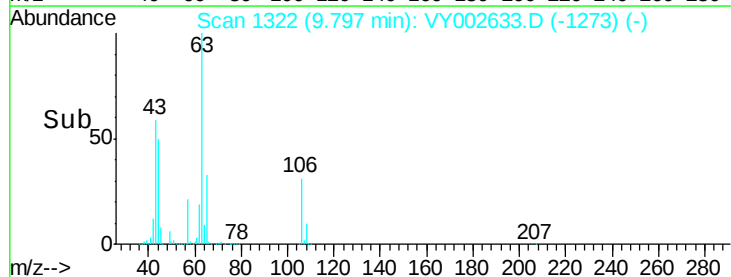
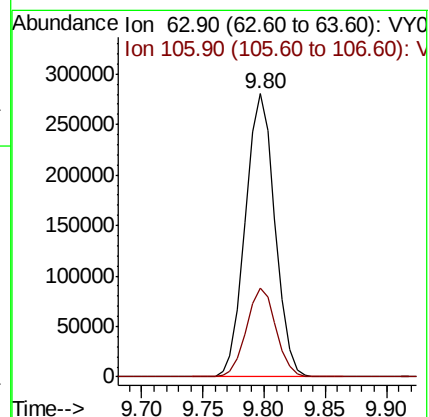
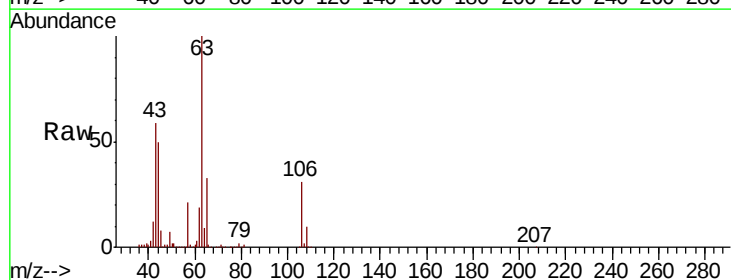
Acq: 08 May 2020 10:37

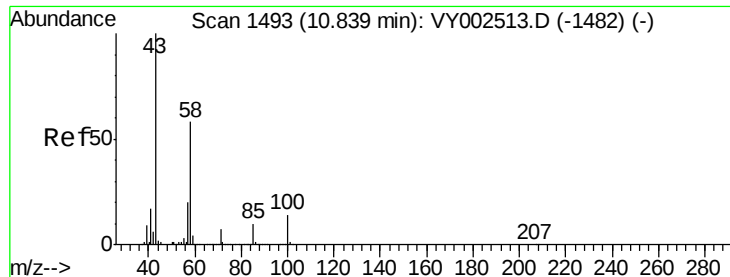
Tgt Ion: 63 Resp: 469947

Ion Ratio Lower Upper

63 100

106 31.1 25.2 37.8

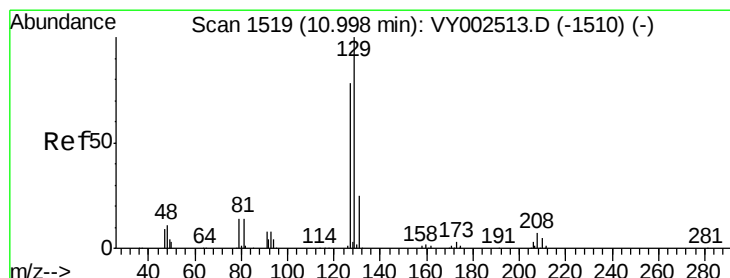
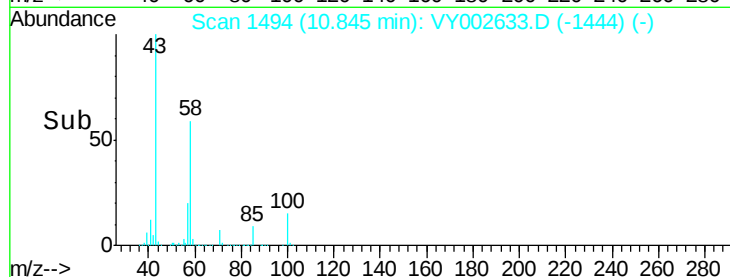
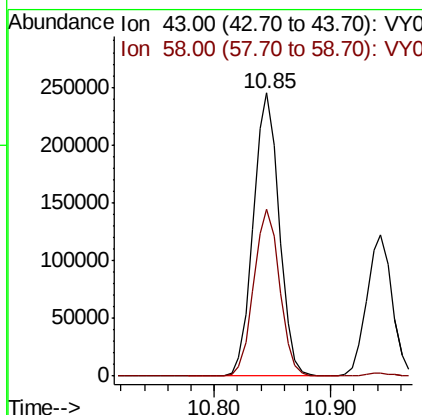
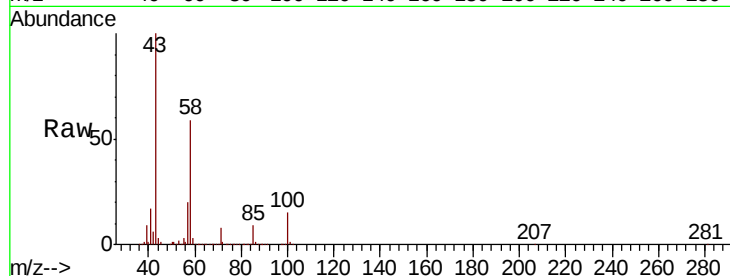




#59
2-Hexanone
Concen: 248.131 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

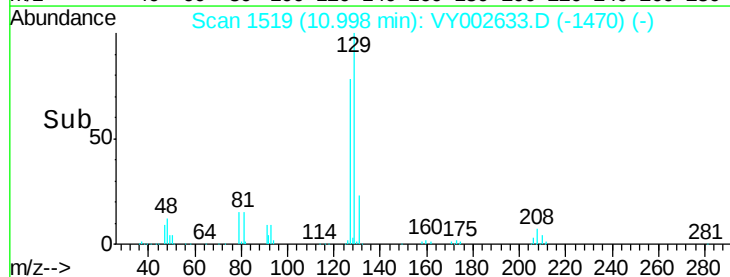
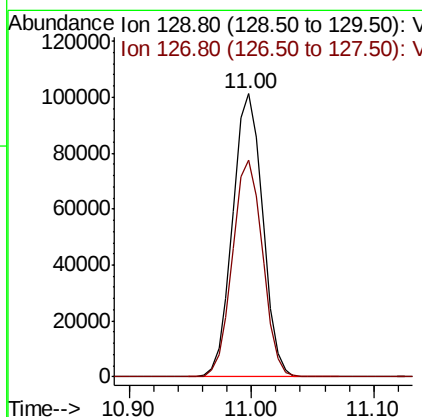
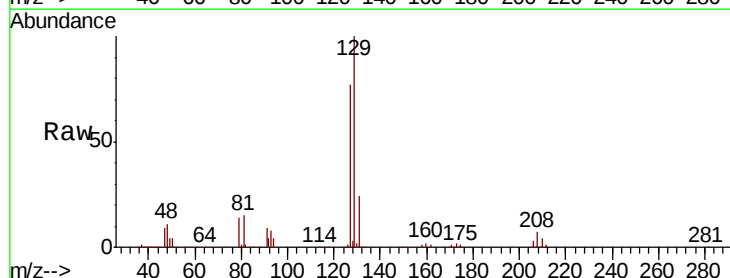
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 381344
Ion Ratio Lower Upper
43 100
58 58.9 29.1 87.3



#60
Dibromochloromethane
Concen: 51.316 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 129 Resp: 171652
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

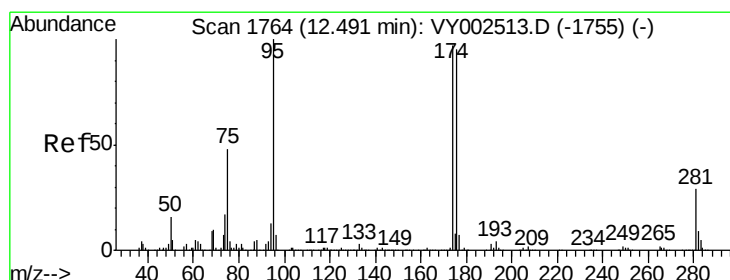
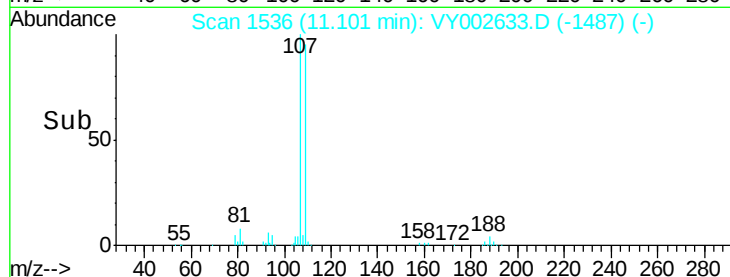
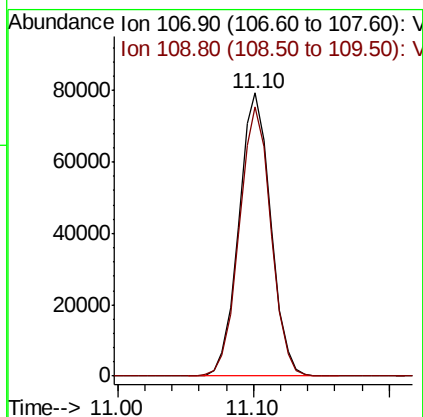
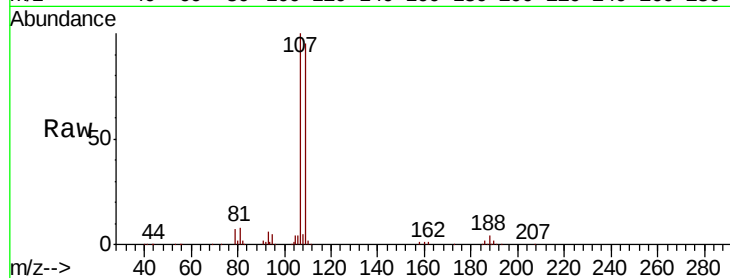




#61
 1,2-Dibromoethane
 Concen: 49.852 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

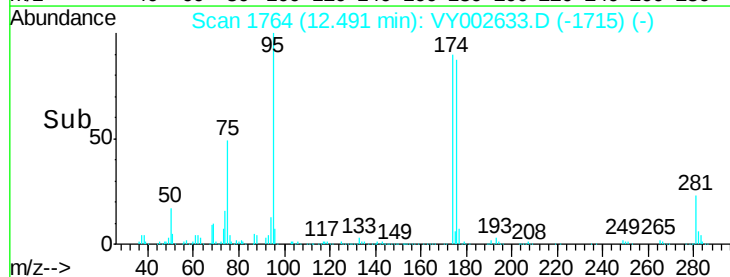
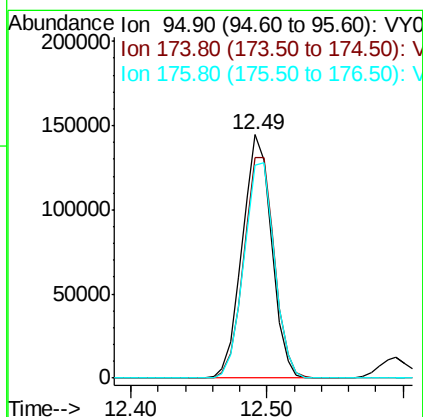
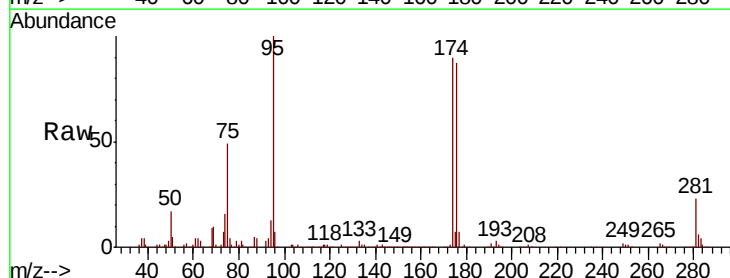
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 129822
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 53.611 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion: 95 Resp: 217939
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 188.8
 176 92.2 0.0 183.2

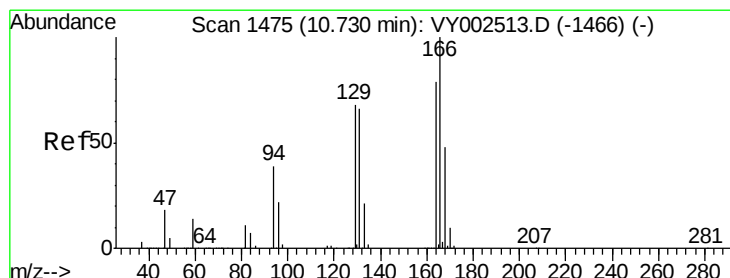
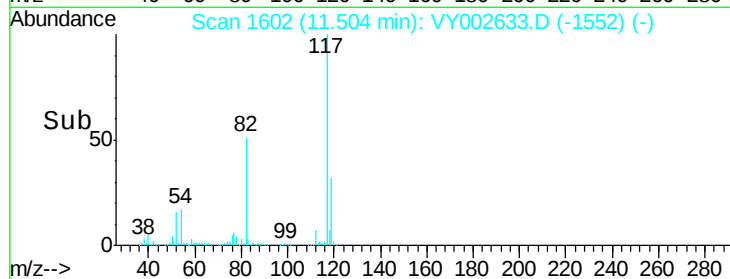
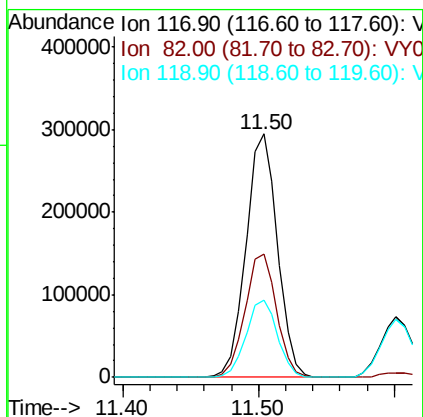
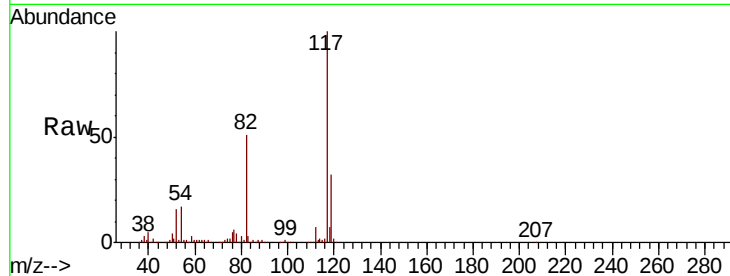




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

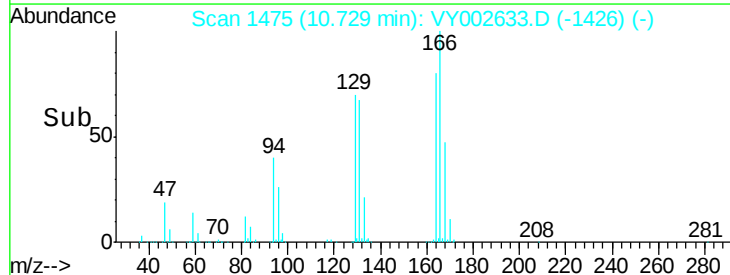
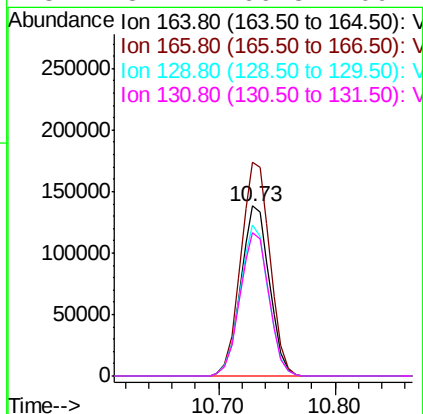
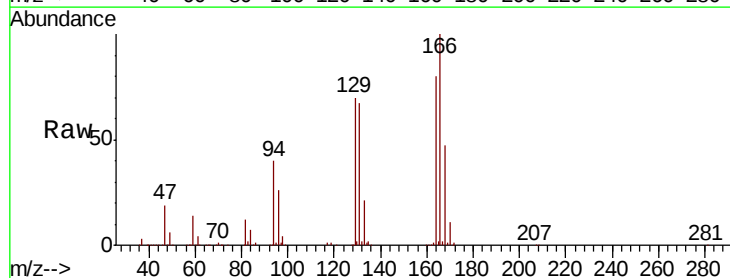
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 476908
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 55.578 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion:164 Resp: 235500
Ion Ratio Lower Upper
164 100
166 125.7 100.7 151.1
129 88.6 68.3 102.5
131 84.7 66.8 100.2

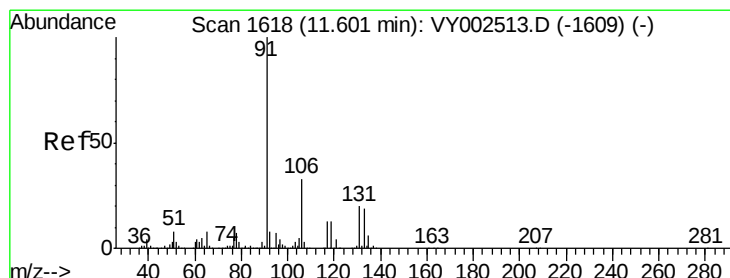
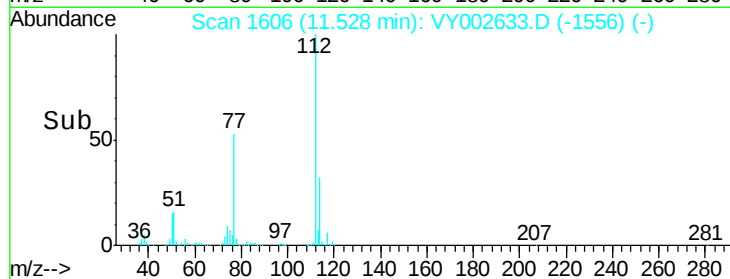
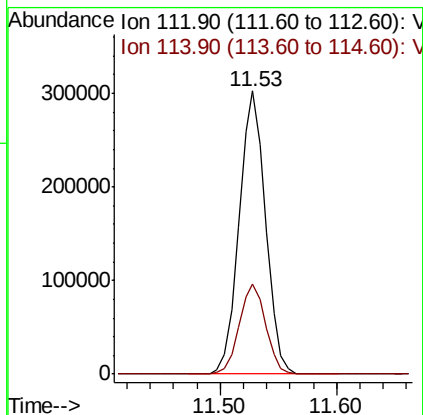
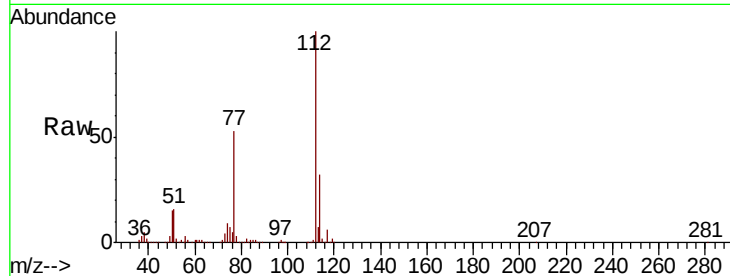




#65
Chlorobenzene
Concen: 52.562 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

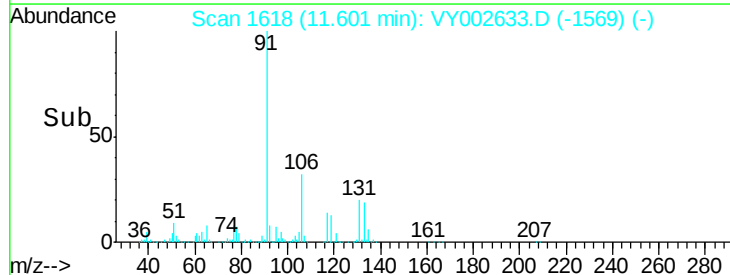
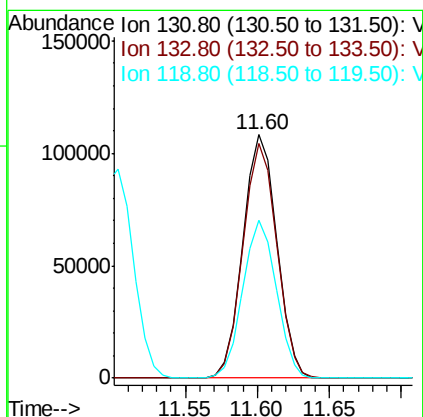
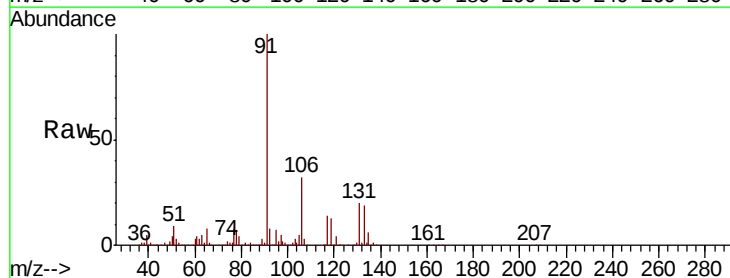
Instrument :
MSVOA_Y
ClientSampleId :

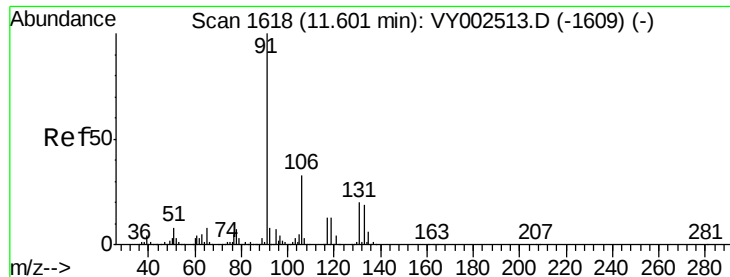
Tot Ion:112 Resp: 476527
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.375 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion:131 Resp: 176259
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 64.5 31.6 95.0

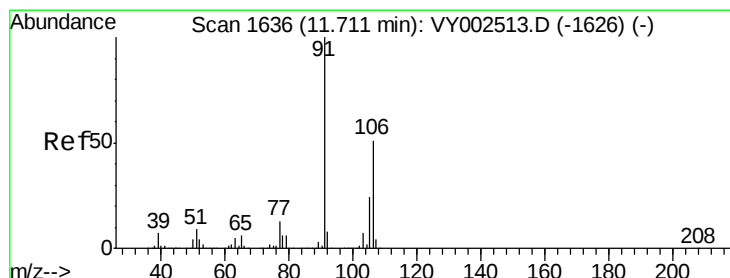
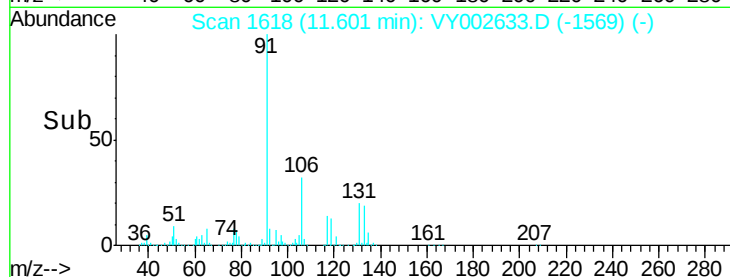
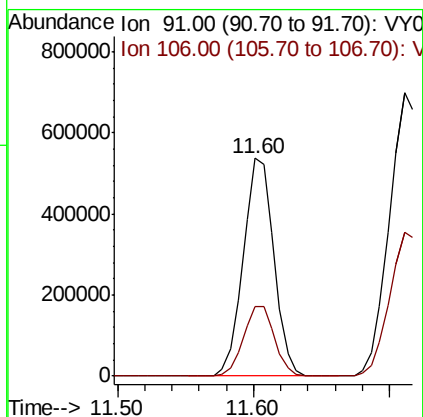
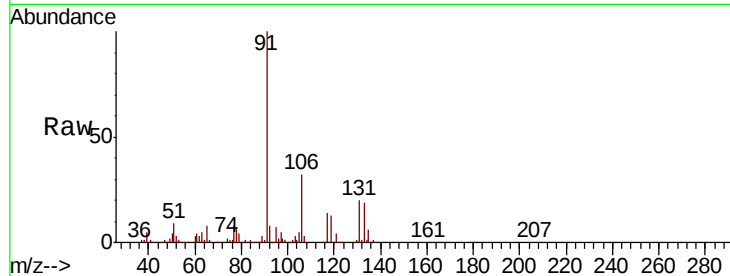




#67
Ethyl Benzene
Concen: 53.173 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

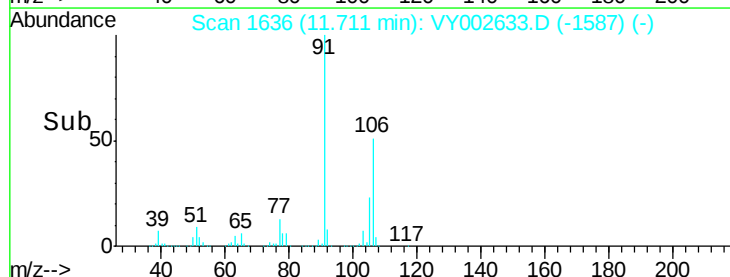
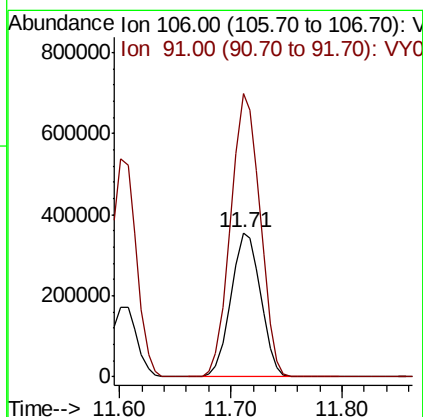
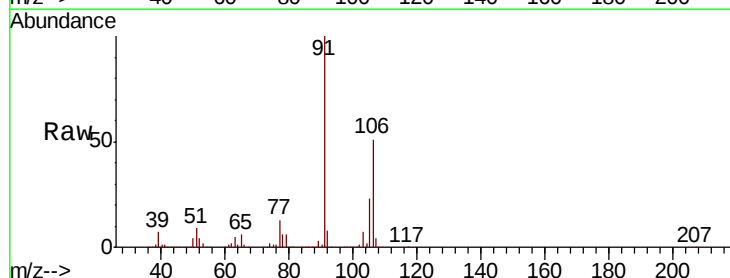
Instrument :
MSVOA_Y
ClientSampleId :

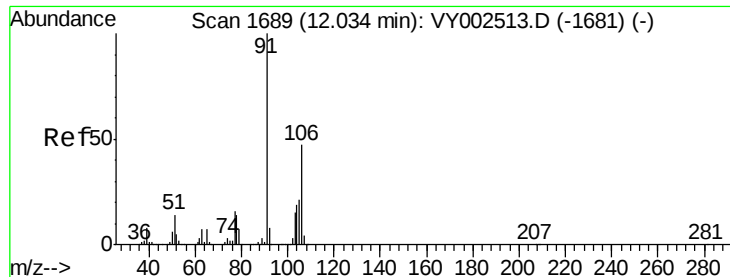
Tot Ion: 91 Resp: 846786
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 106.143 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 106 Resp: 654029
Ion Ratio Lower Upper
106 100
91 195.7 155.2 232.8

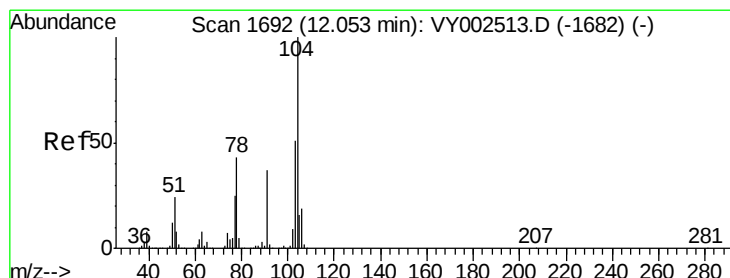
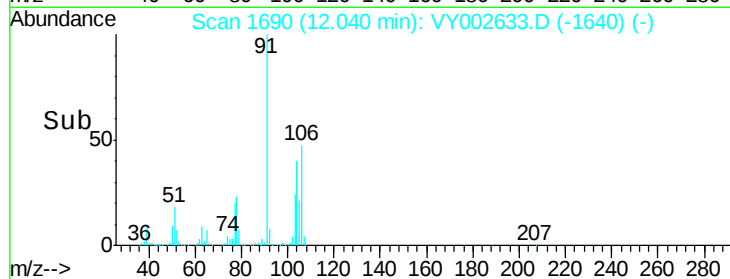
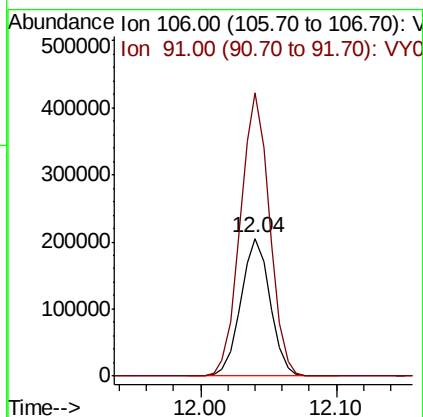
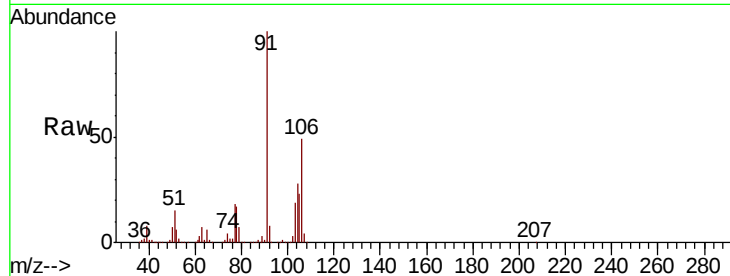




#69
o-Xylene
Concen: 53.449 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

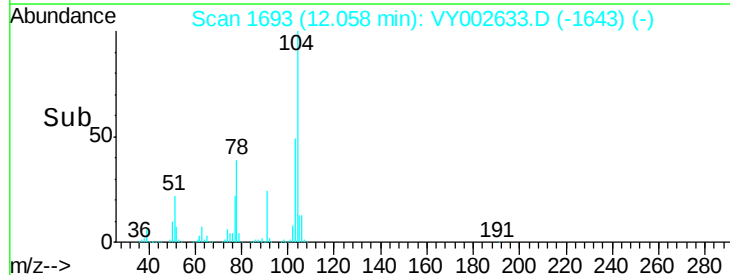
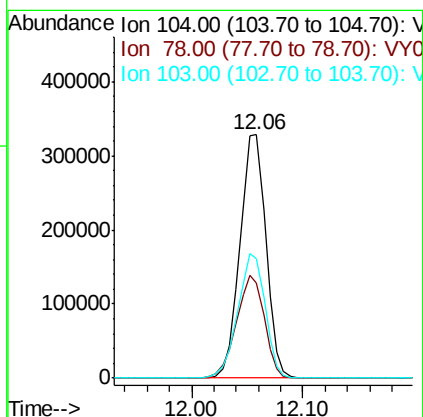
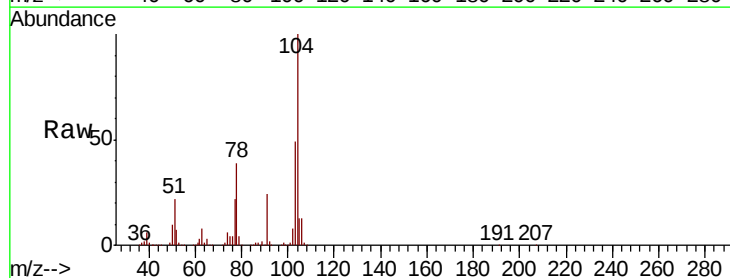
Instrument :
MSVOA_Y
ClientSampled :

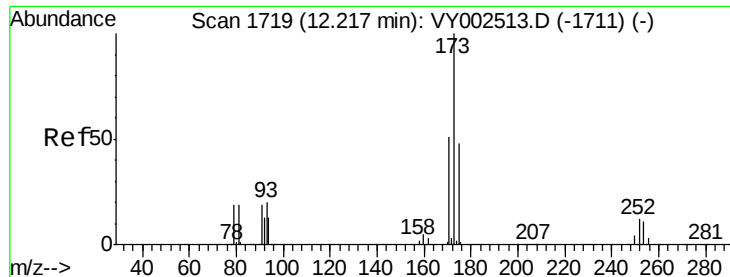
Tot Ion:106 Resp: 308368
Ion Ratio Lower Upper
106 100
91 204.8 103.8 311.3



#70
Styrene
Concen: 53.957 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion:104 Resp: 532176
Ion Ratio Lower Upper
104 100
78 45.4 37.4 56.0
103 53.9 43.9 65.9





#71

Bromoform

Concen: 50.949 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

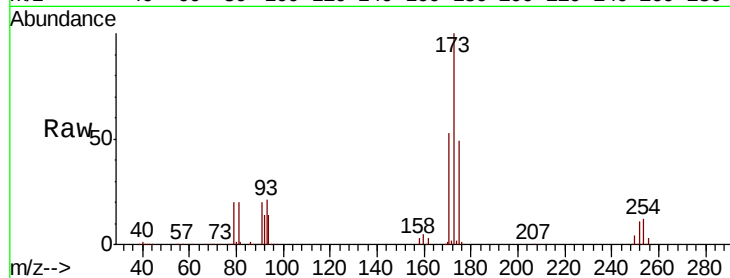
Tot Ion:173 Resp: 106421

Ion Ratio Lower Upper

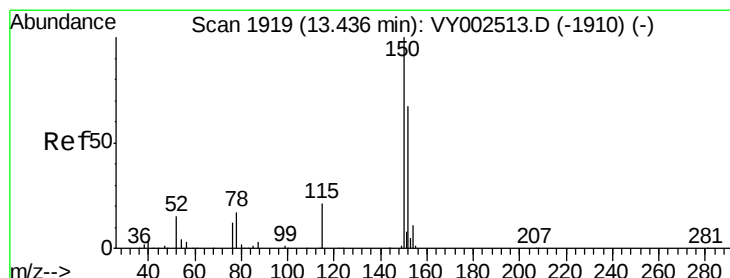
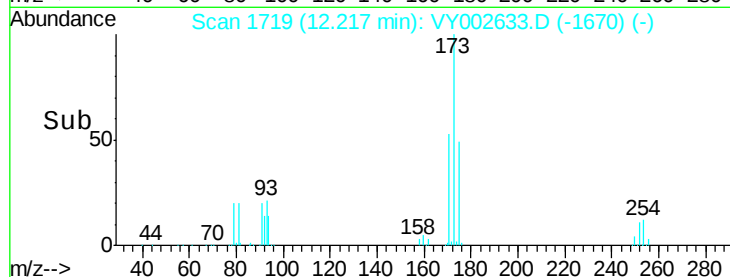
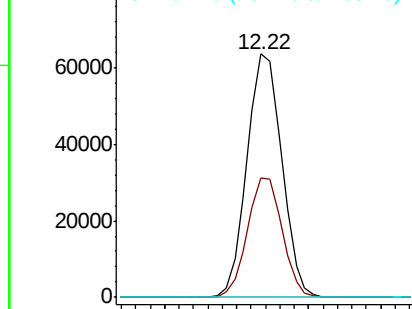
173 100

175 48.9 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

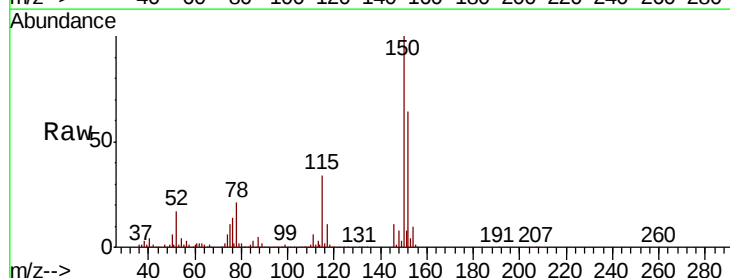
Tgt Ion:152 Resp: 240462

Ion Ratio Lower Upper

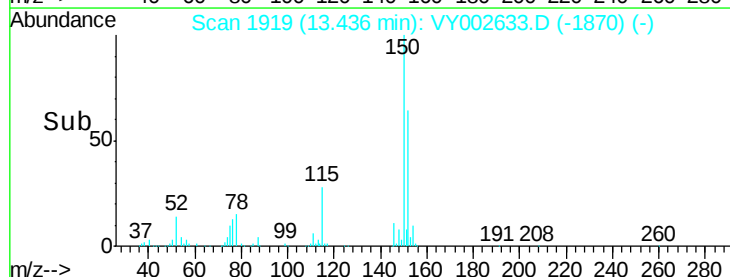
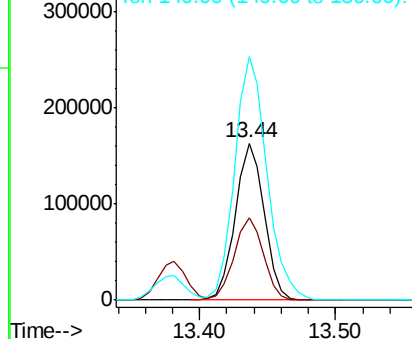
152 100

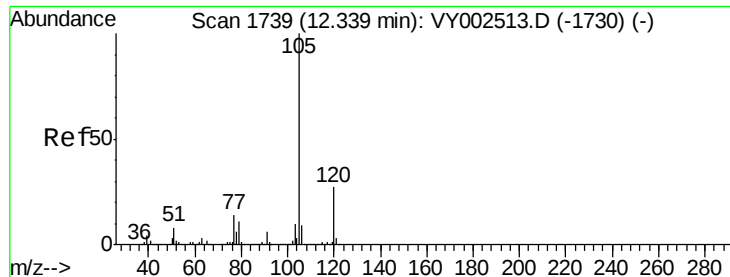
115 53.0 27.5 82.4

150 173.4 0.0 346.4



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





#73

Isopropylbenzene

Concen: 54.136 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

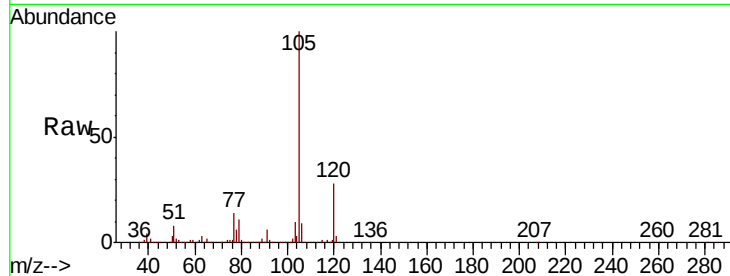
ClientSampleId :

Tot Ion:105 Resp: 843667

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

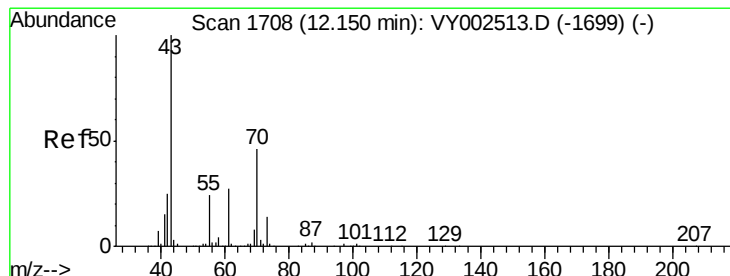
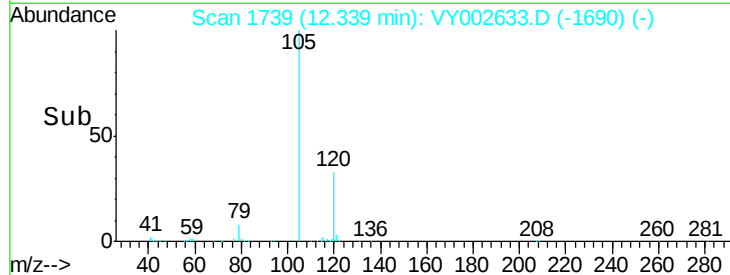
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 52.221 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Tgt Ion: 43 Resp: 195769

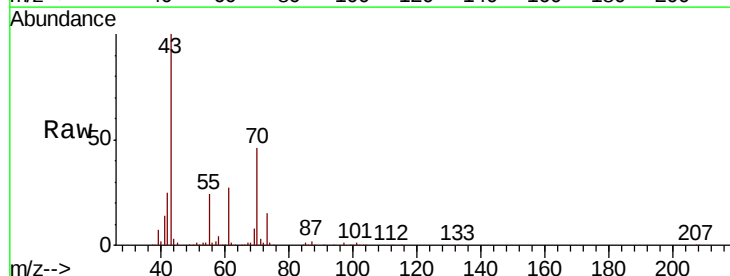
Ion Ratio Lower Upper

43 100

70 46.5 36.7 55.1

55 24.5 19.2 28.8

61 26.3 21.1 31.7



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

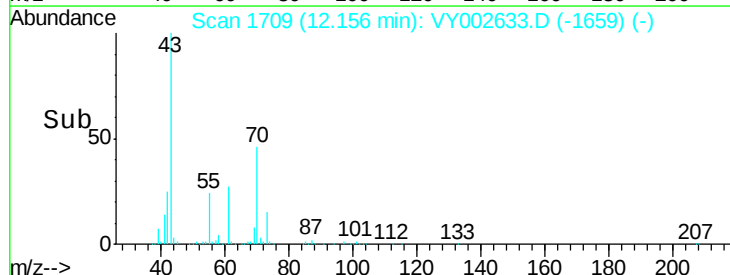
150000

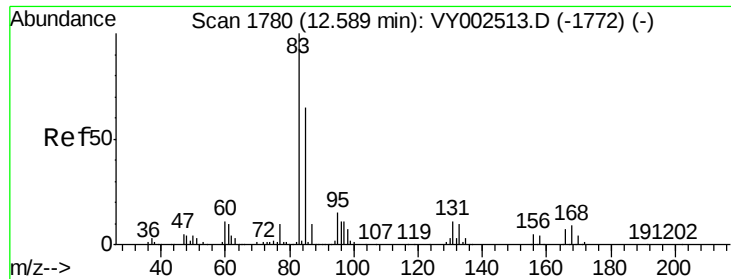
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.128 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampled :

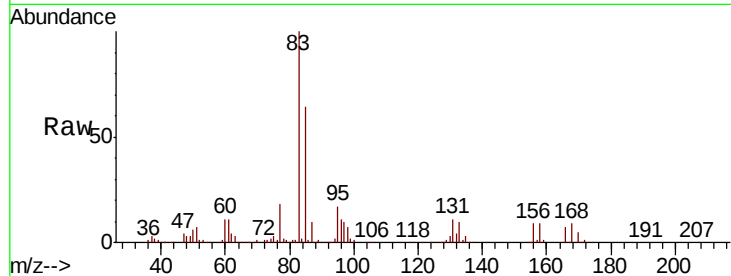
Tot Ion: 83 Resp: 119283

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

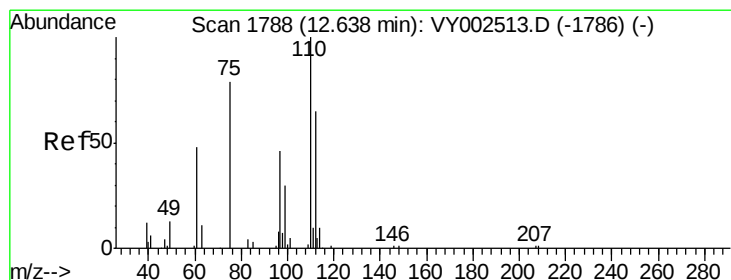
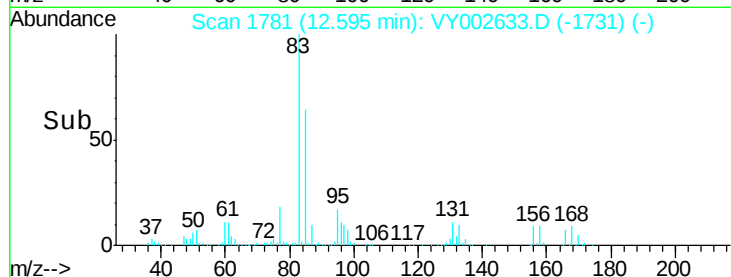
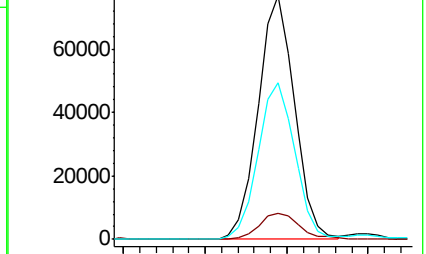
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002633.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002633.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002633.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 90.655 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002633.D

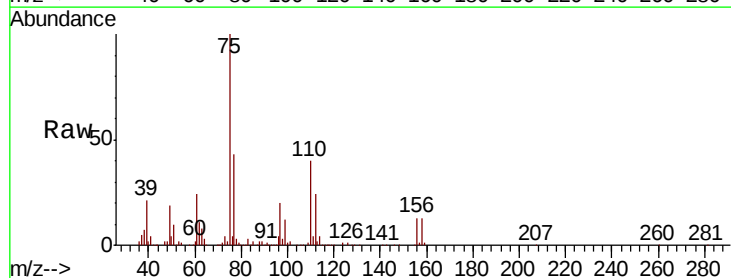
Acq: 08 May 2020 10:37

Tgt Ion: 75 Resp: 193722

Ion Ratio Lower Upper

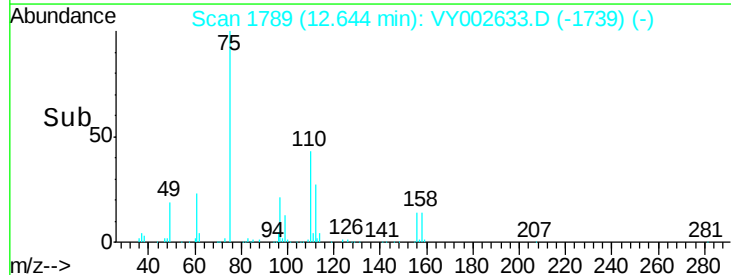
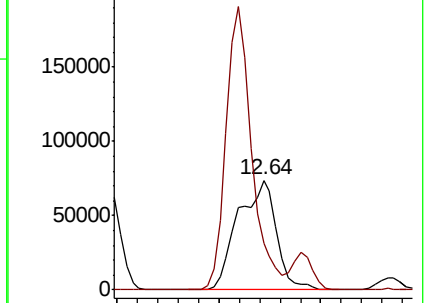
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002633.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002633.D (-1739) (-)





#77

Bromobenzene

Concen: 52.215 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

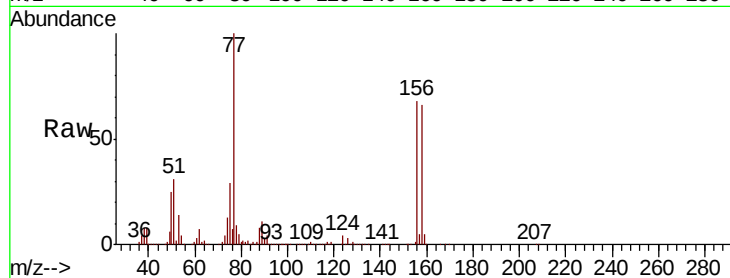
Tot Ion:156 Resp: 203302

Ion Ratio Lower Upper

156 100

77 163.9 82.0 245.8

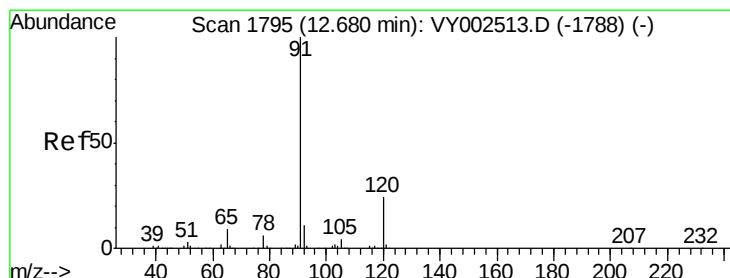
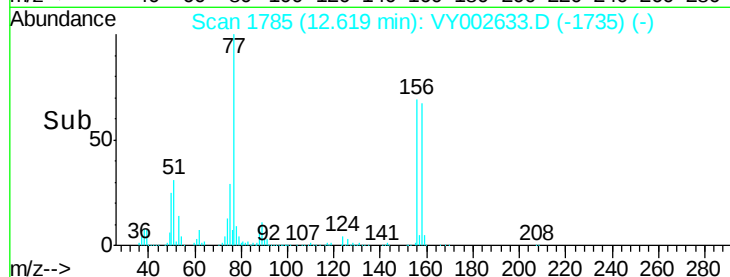
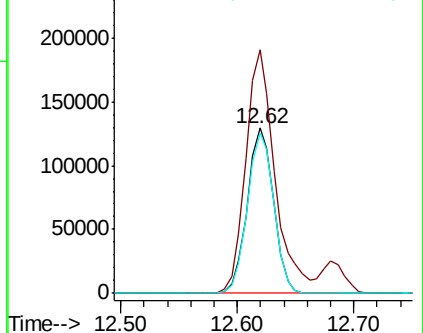
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.953 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002633.D

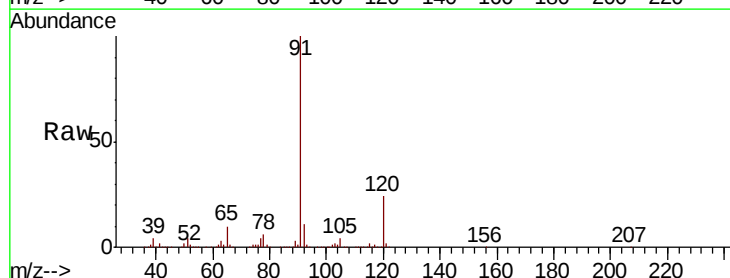
Acq: 08 May 2020 10:37

Tgt Ion: 91 Resp: 975748

Ion Ratio Lower Upper

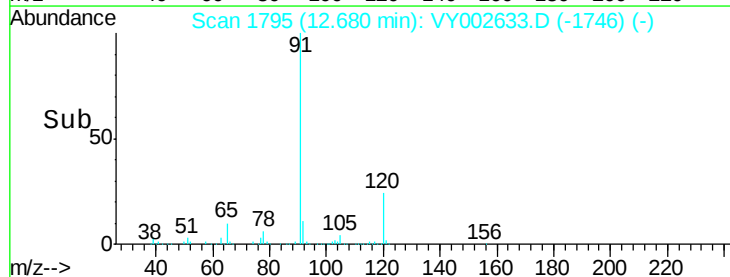
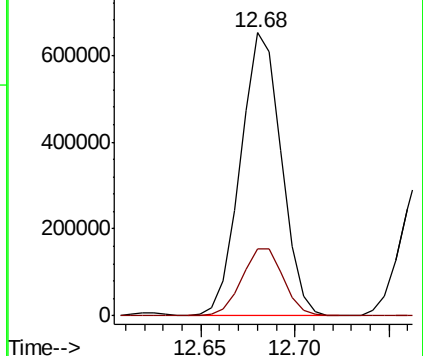
91 100

120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

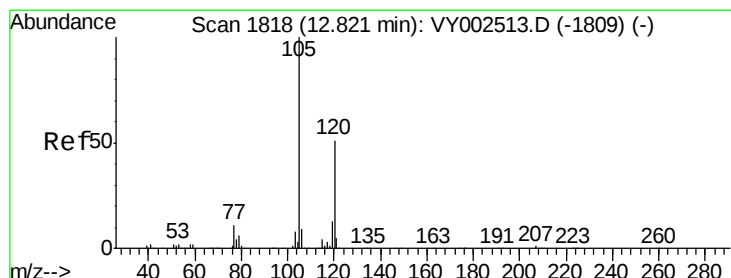
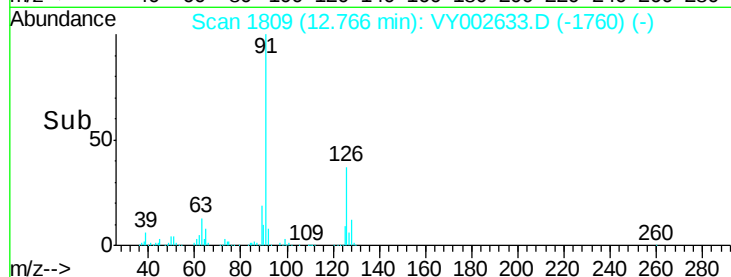
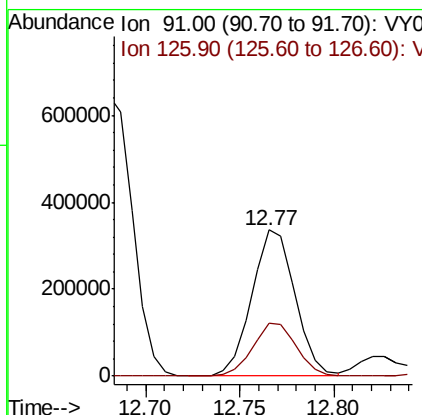
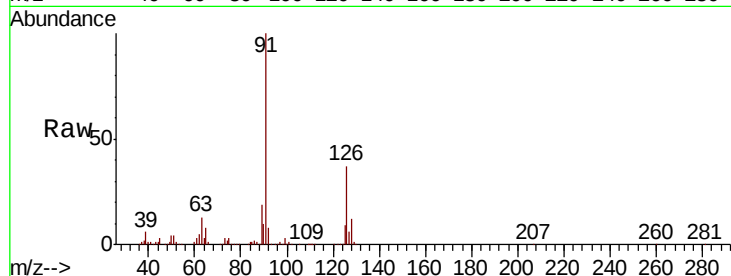




#79
 2-Chlorotoluene
 Concen: 53.435 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

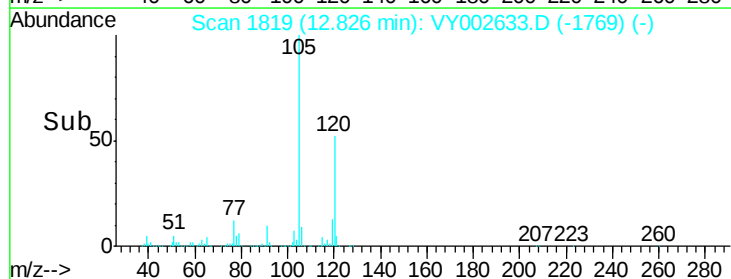
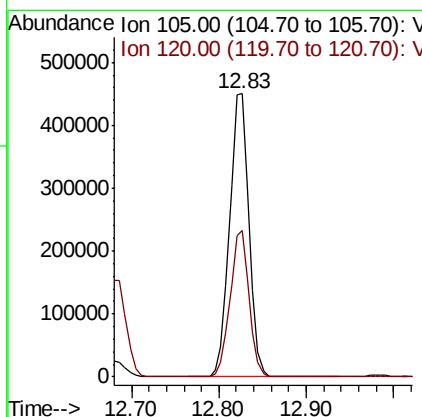
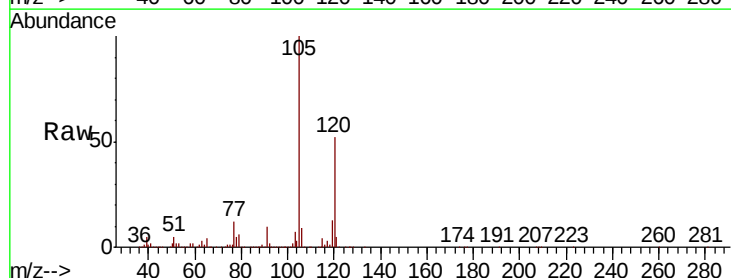
Instrument :
 MSVOA_Y
 ClientSampleId :

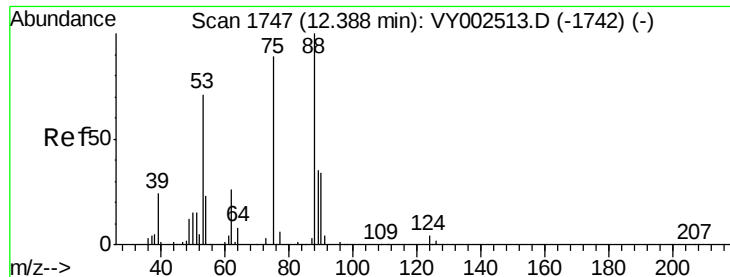
Tot Ion: 91 Resp: 535310
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 53.808 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion: 105 Resp: 695102
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.9

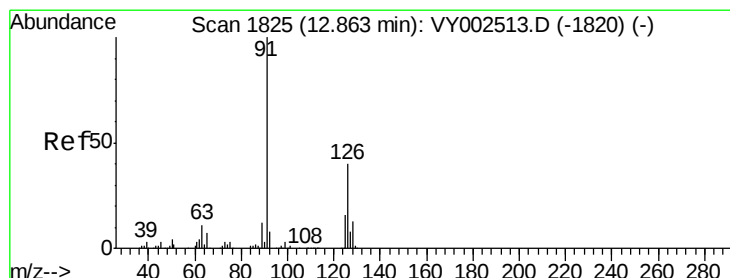
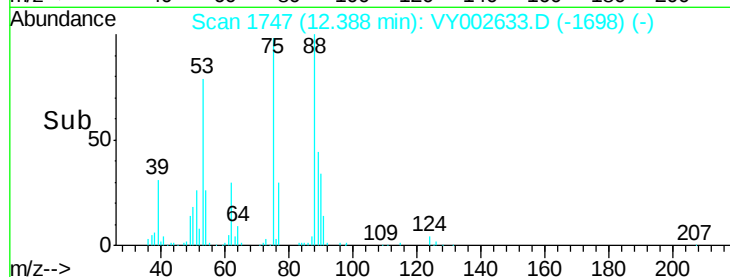
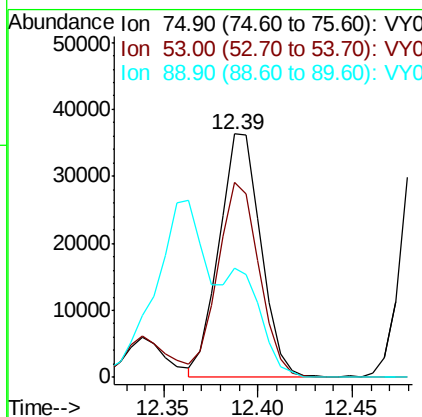
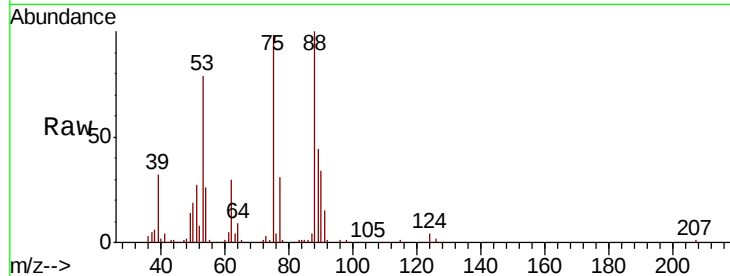




#81
trans-1,4-Dichloro-2-butene
Concen: 51.978 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

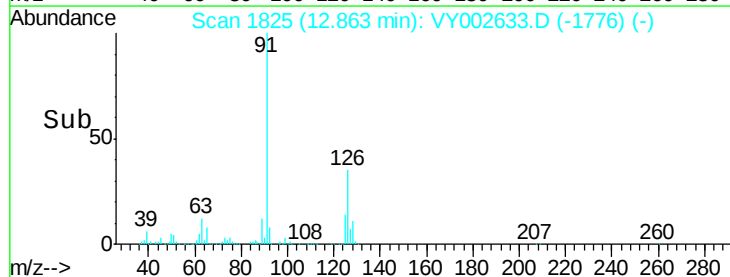
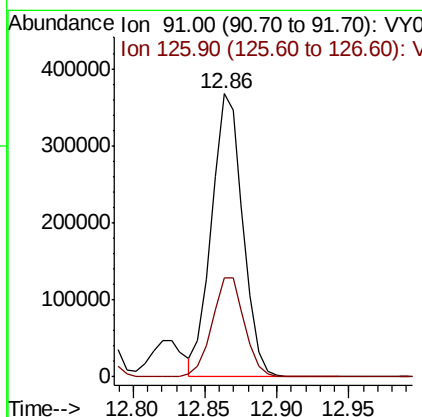
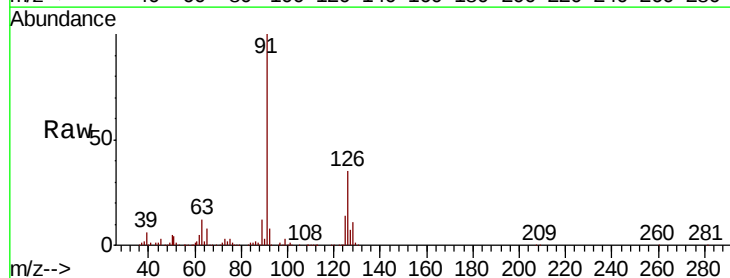
Instrument :
MSVOA_Y
ClientSampleId :

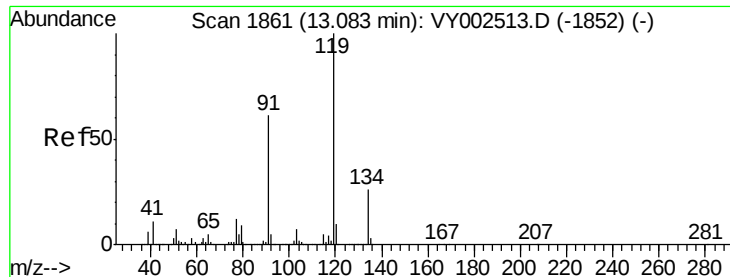
Tot Ion: 75 Resp: 55392
Ion Ratio Lower Upper
75 100
53 80.5 67.4 101.0
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 52.742 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion: 91 Resp: 555006
Ion Ratio Lower Upper
91 100
126 36.3 18.5 55.5

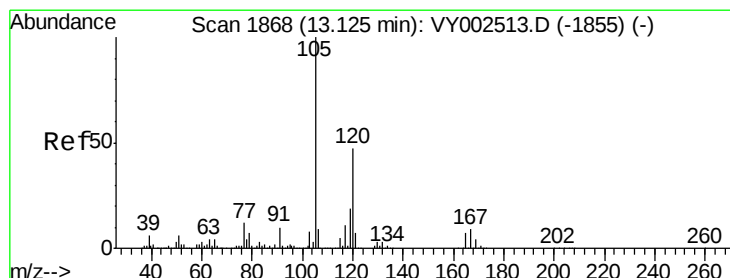
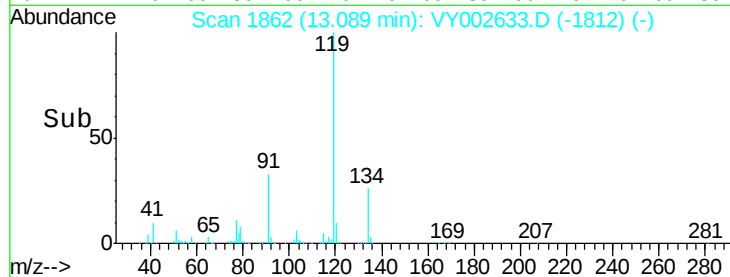
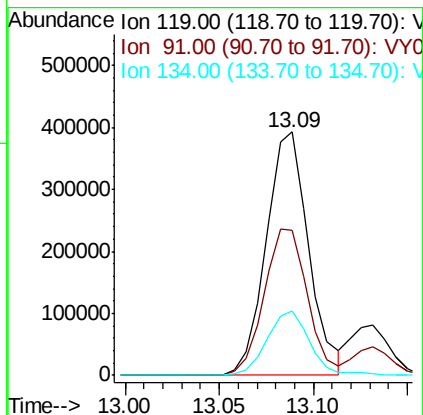
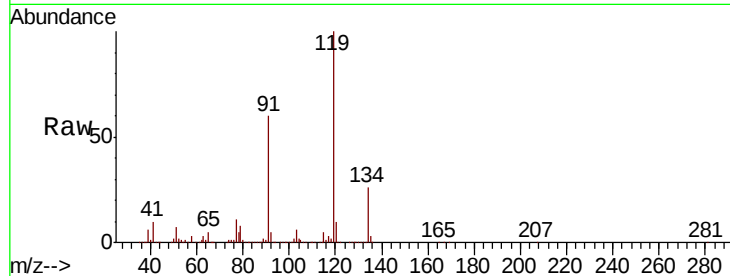




#83
 tert-Butylbenzene
 Concen: 54.273 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

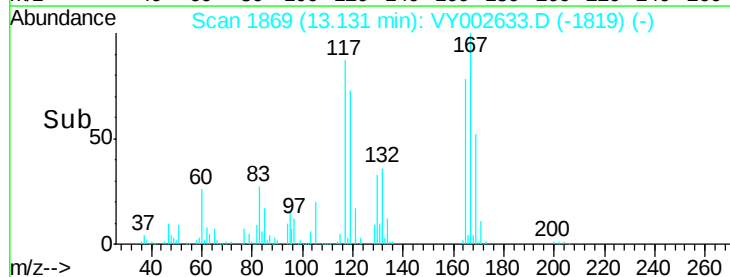
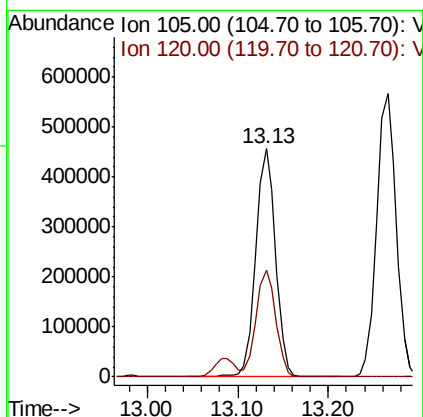
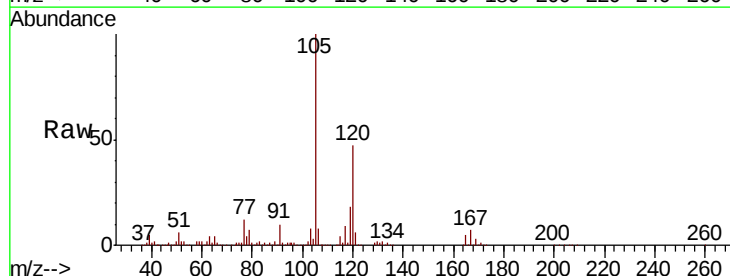
Instrument :
 MSVOA_Y
 ClientSampled :

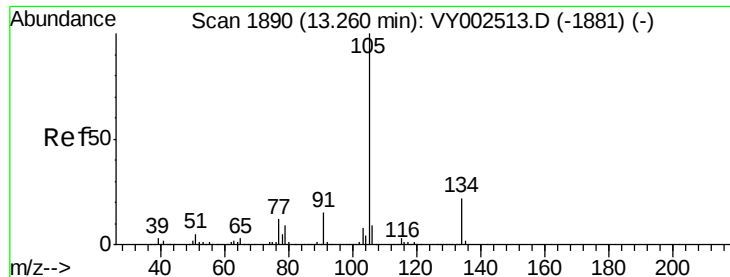
Tot Ion:119 Resp: 614745
 Ion Ratio Lower Upper
 119 100
 91 61.2 30.6 91.6
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.397 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion:105 Resp: 687457
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 53.873 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

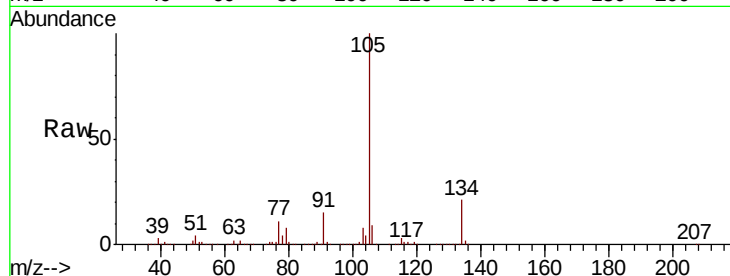
ClientSampleId :

Tot Ion:105 Resp: 846753

Ion Ratio Lower Upper

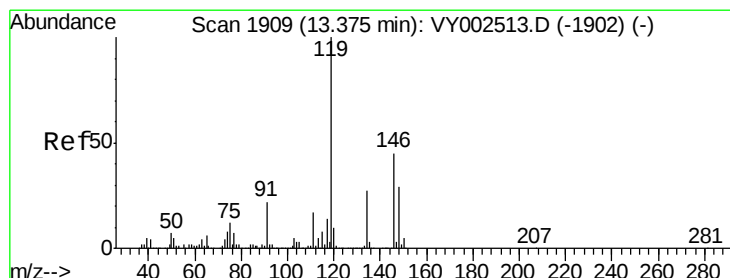
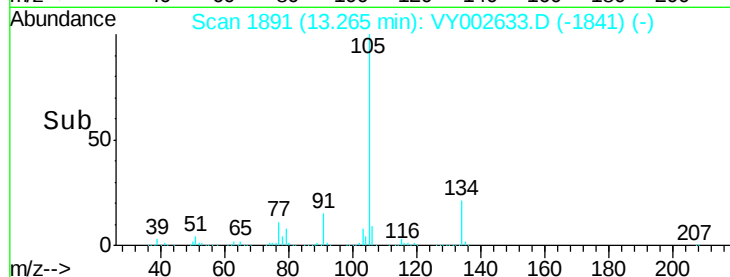
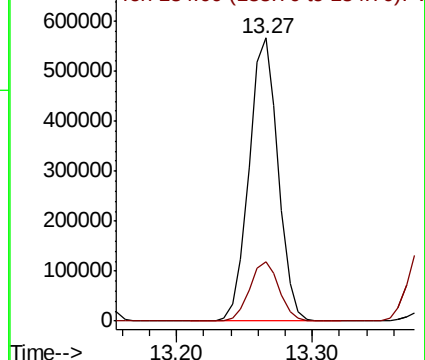
105 100

134 21.2 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: 53.698 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

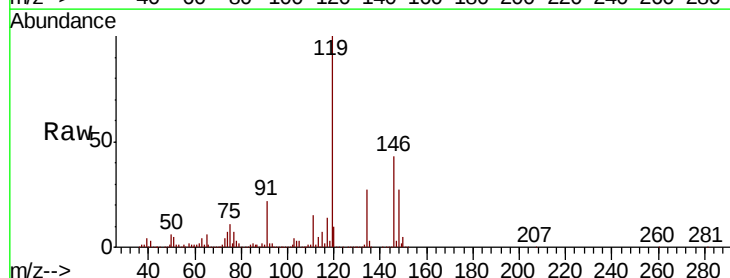
Tgt Ion:119 Resp: 790813

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

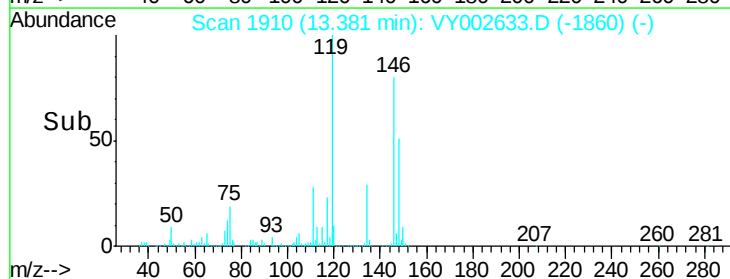
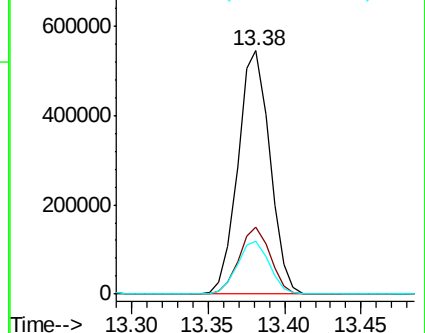
91 21.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 52.469 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

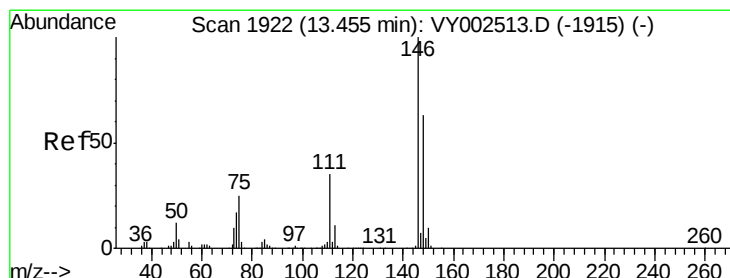
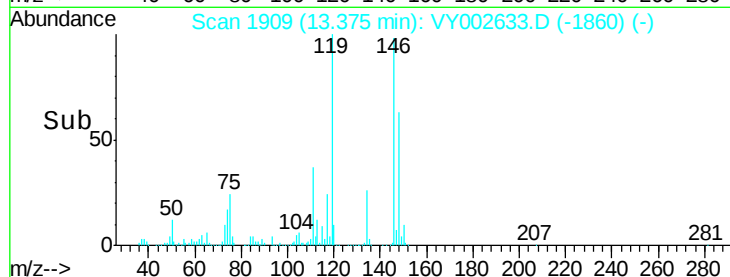
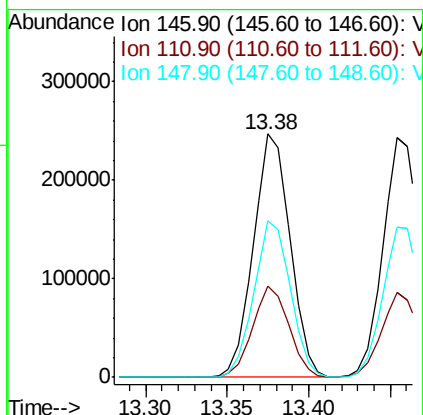
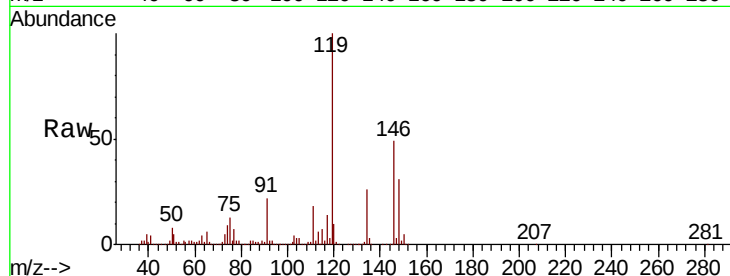
Tot Ion:146 Resp: 386654

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.3

148 63.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 52.246 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

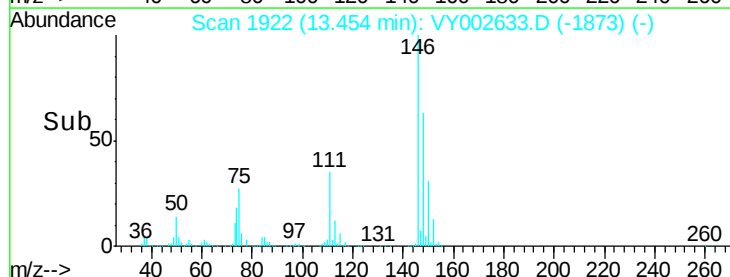
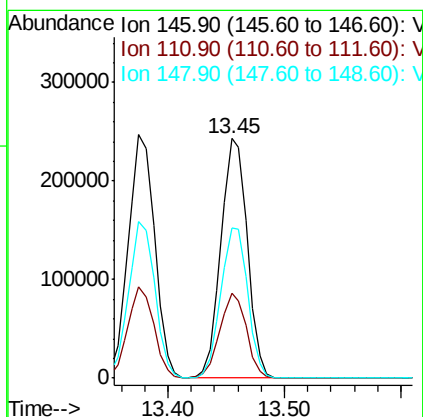
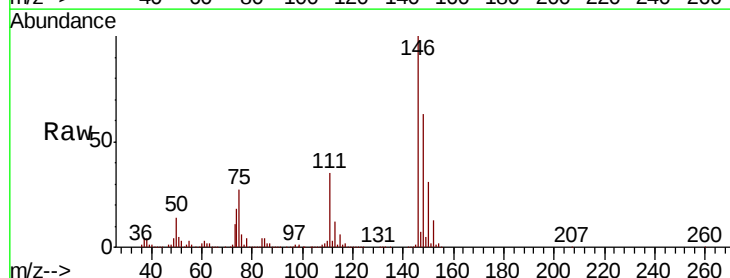
Tgt Ion:146 Resp: 381237

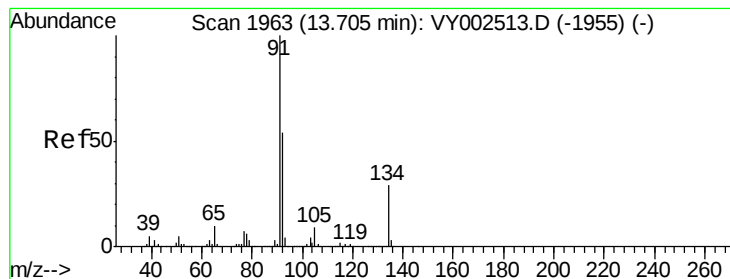
Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.1

148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 53.501 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

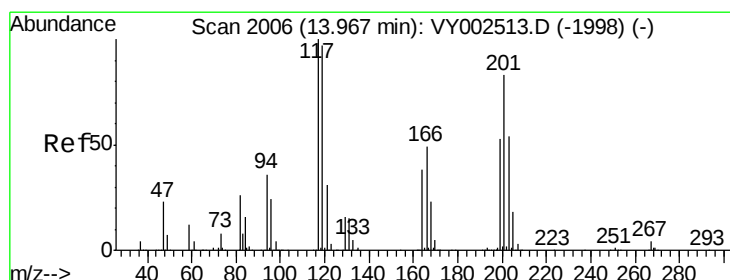
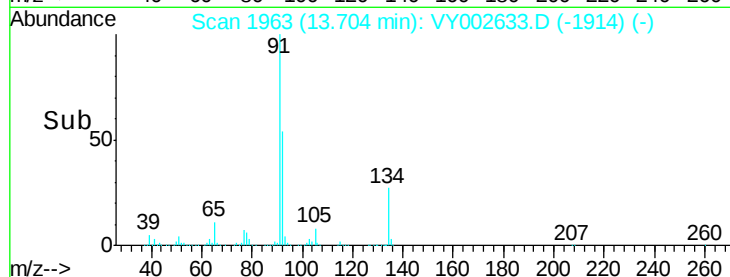
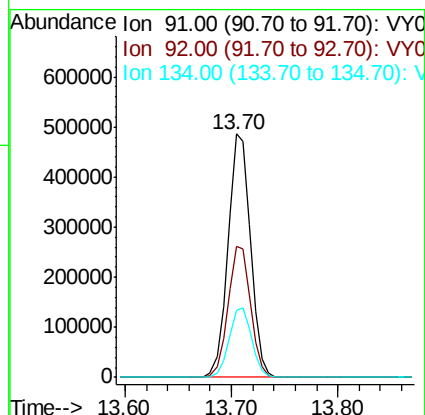
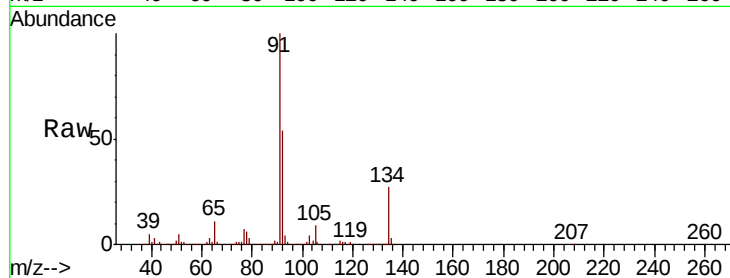
Tot Ion: 91 Resp: 717286

Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.1	81.3
134	28.5	14.4	43.0

91 100

92 54.0 27.1 81.3

134 28.5 14.4 43.0



#90

Hexachloroethane

Concen: 54.164 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002633.D

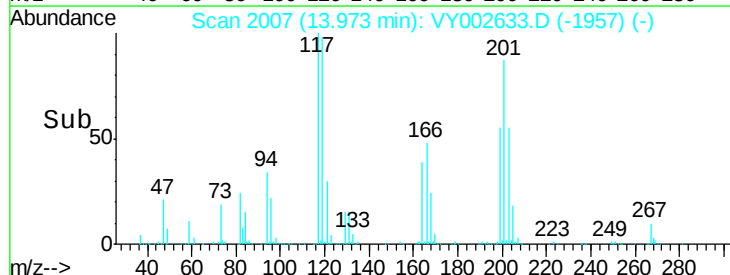
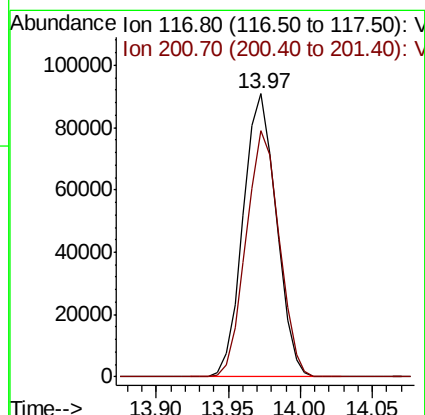
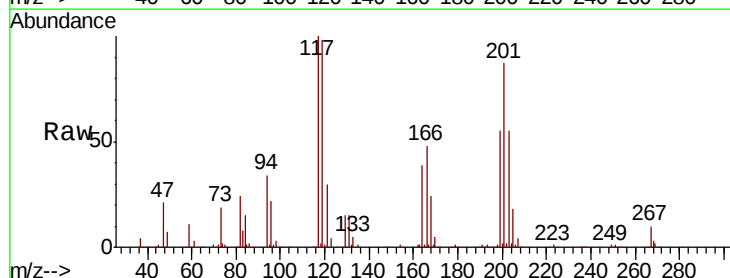
Acq: 08 May 2020 10:37

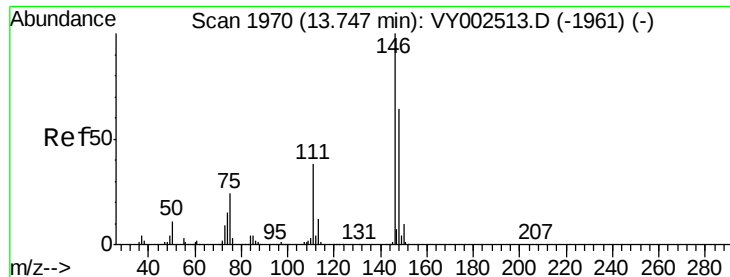
Tgt Ion: 117 Resp: 145266

Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.4	133.2

117 100

201 86.9 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 51.867 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

Instrument :

MSVOA_Y

ClientSampled :

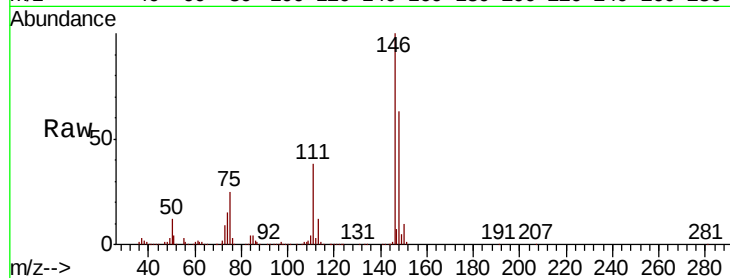
Tot Ion:146 Resp: 341055

Ion Ratio Lower Upper

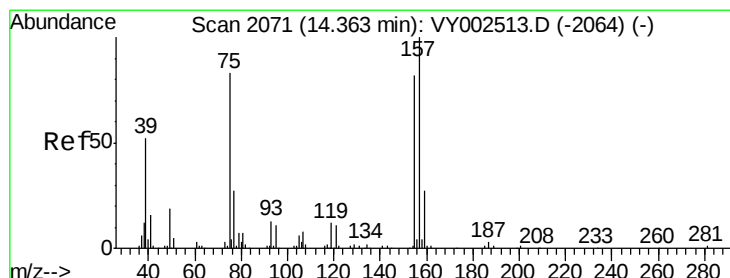
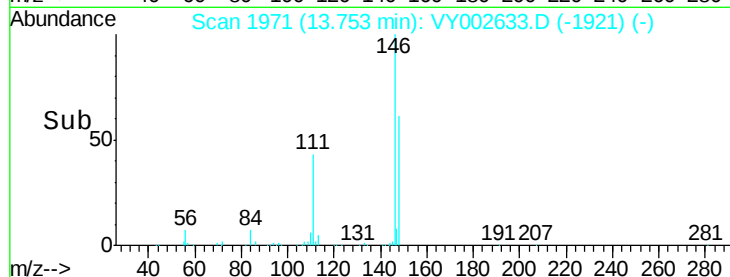
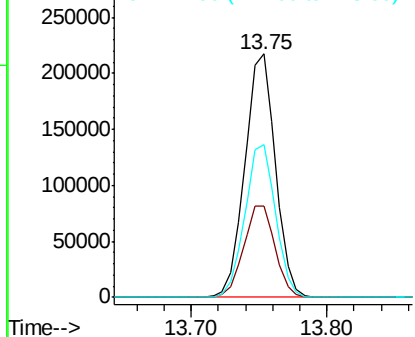
146 100

111 38.6 19.1 57.5

148 63.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.608 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002633.D

Acq: 08 May 2020 10:37

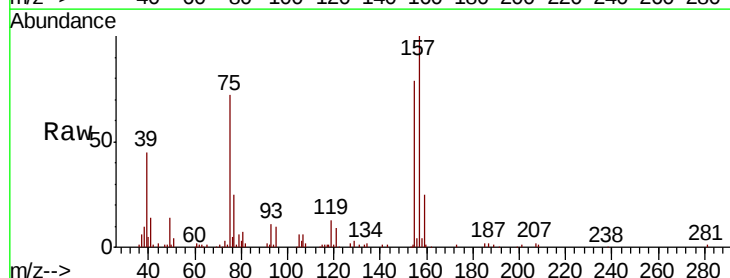
Tgt Ion: 75 Resp: 21533

Ion Ratio Lower Upper

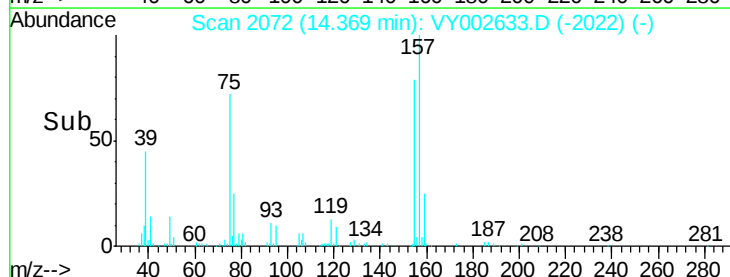
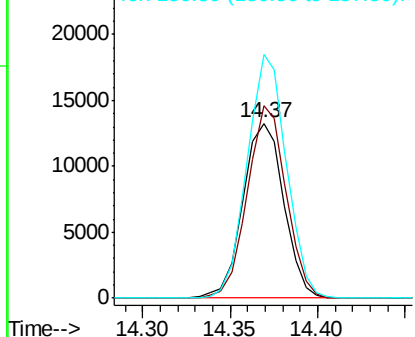
75 100

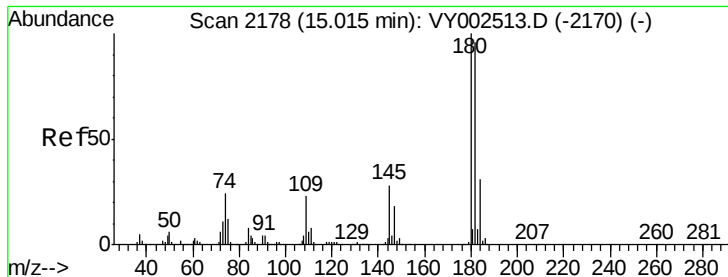
155 104.1 51.3 153.9

157 133.9 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

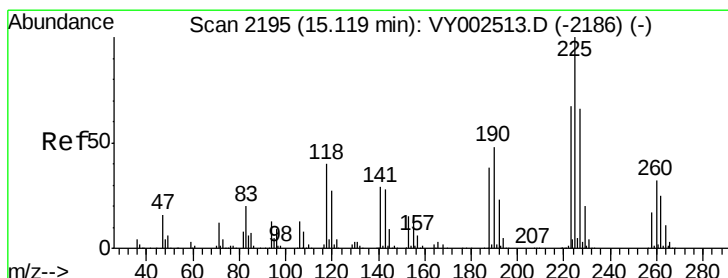
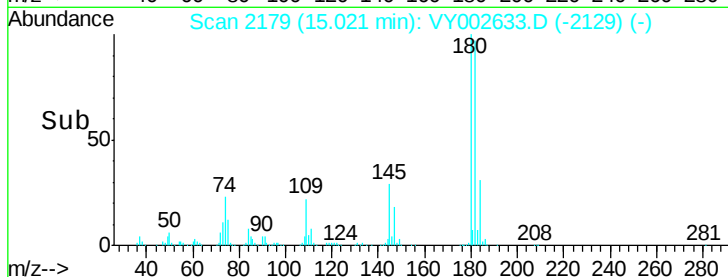
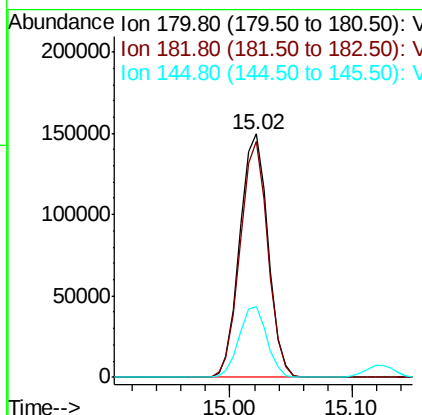
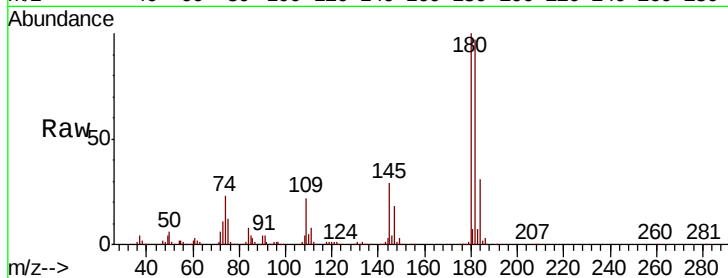




#93
 1,2,4-Trichlorobenzene
 Concen: 50.047 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

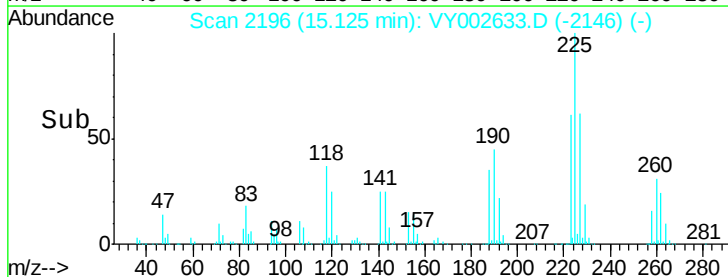
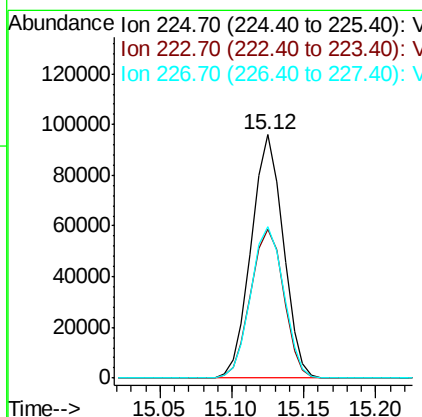
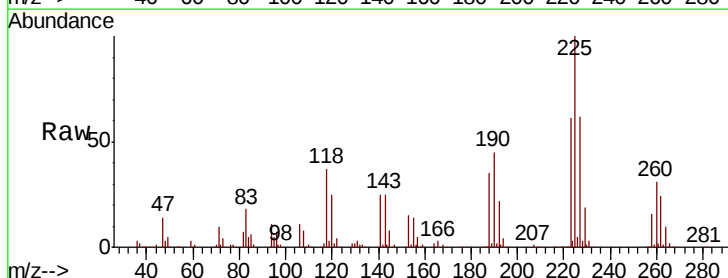
Instrument :
 MSVOA_Y
 ClientSampleId :

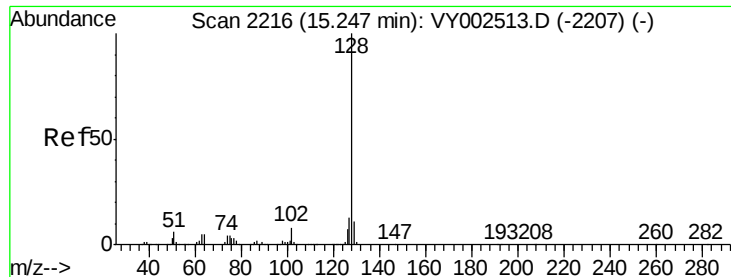
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 51.580 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002633.D
 Acq: 08 May 2020 10:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.5
227	64.2	32.0	96.2

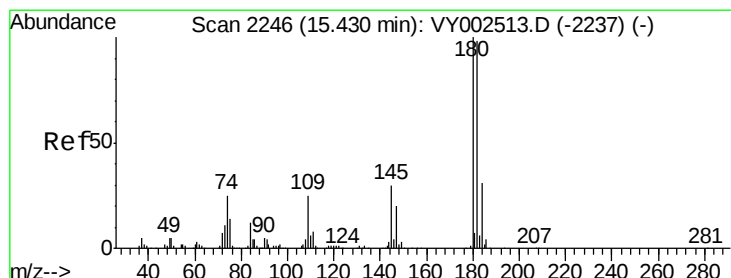
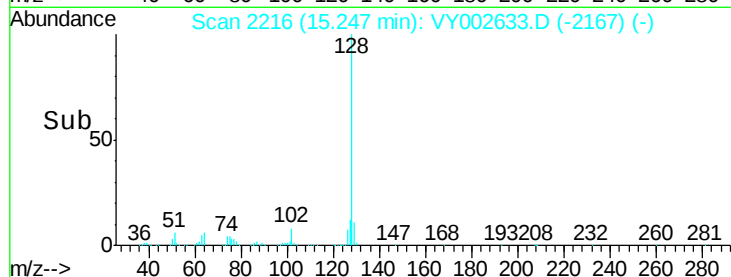
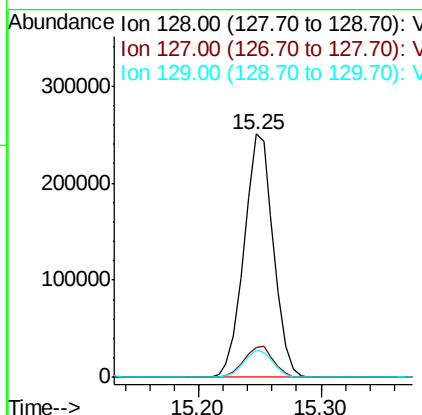
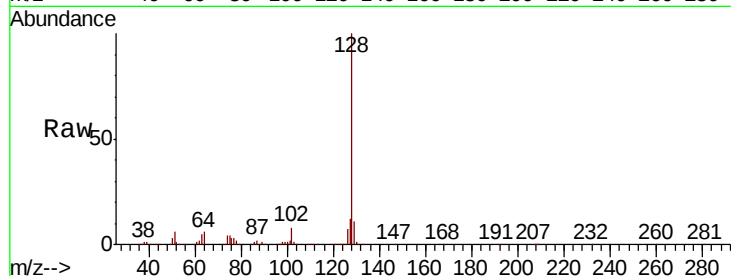




#95
Naphthalene
Concen: 47.830 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 416546
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.577 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002633.D
Acq: 08 May 2020 10:37

Tgt Ion:180 Resp: 196870
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 30.1 15.0 45.1

