

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003075.D
 Acq On : 02 Jul 2020 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 02:34:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	425360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	611670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	561535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	296698	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	203995	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
35) Dibromofluoromethane	7.72	113	192723	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	10.18	98	707311	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	255776	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	153154	47.543	ug/l	97
3) Chloromethane	2.11	50	202236	42.871	ug/l	97
4) Vinyl Chloride	2.26	62	227936	49.536	ug/l	98
5) Bromomethane	2.65	94	158141	50.618	ug/l	95
6) Chloroethane	2.80	64	145748	49.791	ug/l	92
7) Trichlorofluoromethane	3.13	101	323883	49.869	ug/l	97
8) Diethyl Ether	3.54	74	107519	48.291	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	197545	50.942	ug/l	99
10) Methyl Iodide	4.10	142	243532	50.646	ug/l	99
11) Tert butyl alcohol	4.96	59	103379	240.113	ug/l	99
12) 1,1-Dichloroethene	3.88	96	184175	49.916	ug/l	97
13) Acrolein	3.74	56	77731	201.016	ug/l	99
14) Allyl chloride	4.49	41	297352	46.158	ug/l	98
15) Acrylonitrile	5.17	53	275787	240.342	ug/l	99
16) Acetone	3.95	43	276540	277.544	ug/l	97
17) Carbon Disulfide	4.20	76	570411	48.387	ug/l	99
18) Methyl Acetate	4.49	43	121904	45.412	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	535483	49.789	ug/l	97
20) Methylene Chloride	4.72	84	231637	52.437	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	208190	49.883	ug/l	94
22) Diisopropyl ether	6.13	45	662953	48.015	ug/l	98
23) Vinyl Acetate	6.07	43	2214980	239.947	ug/l	100
24) 1,1-Dichloroethane	6.03	63	371014	49.191	ug/l	99
25) 2-Butanone	6.99	43	393477	248.602	ug/l	99
26) 2,2-Dichloropropane	6.99	77	343564	50.136	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	235991	50.413	ug/l	97
28) Bromochloromethane	7.34	49	165063	49.186	ug/l	93
29) Tetrahydrofuran	7.35	42	243733	231.567	ug/l	95
30) Chloroform	7.52	83	372246	49.818	ug/l	100
31) Cyclohexane	7.79	56	339866	45.741	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	340123	49.868	ug/l	99
36) 1,1-Dichloropropene	7.92	75	296643	50.348	ug/l	99
37) Ethyl Acetate	7.08	43	169798	47.932	ug/l	99
38) Carbon Tetrachloride	7.90	117	310851	50.709	ug/l	99

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

39) Methylcyclohexane	9.19	83	365571	50.044	ug/l	98
40) Benzene	8.16	78	822658	51.001	ug/l	98
41) Methacrylonitrile	7.35	41	230199	121.648	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	254701	49.913	ug/l	100
43) Isopropyl Acetate	8.27	43	328989	48.851	ug/l	97
44) Trichloroethene	8.94	130	242491	51.722	ug/l	100
45) 1,2-Dichloropropane	9.22	63	217524	50.125	ug/l	94
46) Dibromomethane	9.31	93	124698	51.448	ug/l	98
47) Bromodichloromethane	9.50	83	302979	51.051	ug/l	100
48) Methyl methacrylate	9.30	41	147366	48.075	ug/l	98
49) 1,4-Dioxane	9.30	88	31681	1070.779	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	852583	244.942	ug/l	98
52) Toluene	10.24	92	511312	50.355	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	317419	51.013	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	362374	50.922	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	175151	52.004	ug/l	97
56) Ethyl methacrylate	10.51	69	248740	51.019	ug/l	97
57) 1,3-Dichloropropane	10.79	76	298621	50.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	661298	264.470	ug/l	98
59) 2-Hexanone	10.83	43	634323	260.724	ug/l	100
60) Dibromochloromethane	10.99	129	223013	51.741	ug/l	100
61) 1,2-Dibromoethane	11.09	107	169144	50.941	ug/l	99
64) Tetrachloroethene	10.72	164	240325	50.568	ug/l	99
65) Chlorobenzene	11.52	112	568134	51.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	223498	51.701	ug/l	98
67) Ethyl Benzene	11.59	91	1035274	51.109	ug/l	100
68) m/p-Xylenes	11.70	106	776988	103.063	ug/l	99
69) o-Xylene	12.03	106	364855	51.358	ug/l	98
70) Styrene	12.05	104	630097	51.917	ug/l	99
71) Bromoform	12.21	173	148932	51.667	ug/l	100
73) Isopropylbenzene	12.33	105	995785	51.282	ug/l	100
74) N-amyl acetate	12.14	43	310960	49.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	203456	51.921	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	279559	95.205	ug/l #	100
77) Bromobenzene	12.61	156	252538	50.724	ug/l	99
78) n-propylbenzene	12.67	91	1197373	51.274	ug/l	100
79) 2-Chlorotoluene	12.76	91	664566	50.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	831366	51.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78234	51.836	ug/l	94
82) 4-Chlorotoluene	12.86	91	697355	51.385	ug/l	100
83) tert-Butylbenzene	13.08	119	734342	51.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	840598	51.197	ug/l	99
85) sec-Butylbenzene	13.25	105	1014021	51.419	ug/l	100
86) p-Isopropyltoluene	13.37	119	945303	51.731	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	474606	51.060	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	466930	50.944	ug/l	100
89) n-Butylbenzene	13.70	91	900457	51.502	ug/l	100
90) Hexachloroethane	13.96	117	191084	52.660	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	425217	50.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33889	48.854	ug/l	95

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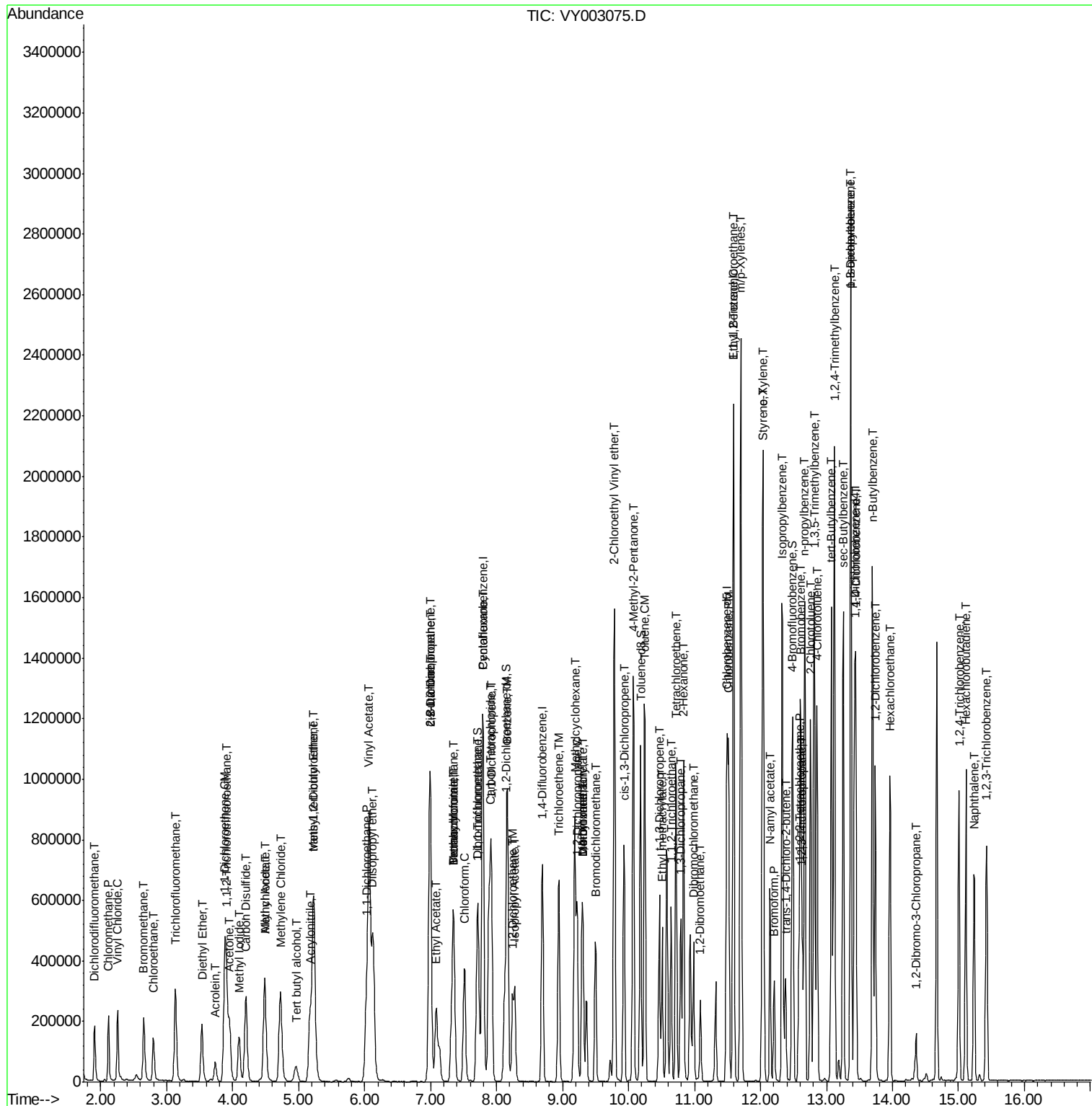
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	310509	50.108	ug/l	99
94) Hexachlorobutadiene	15.11	225	200470	51.287	ug/l	98
95) Naphthalene	15.24	128	569365	50.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	269717	50.124	ug/l	100

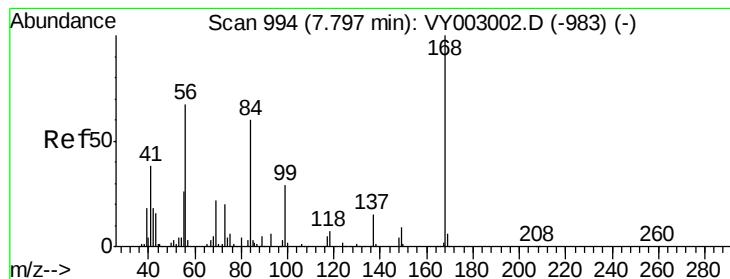
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

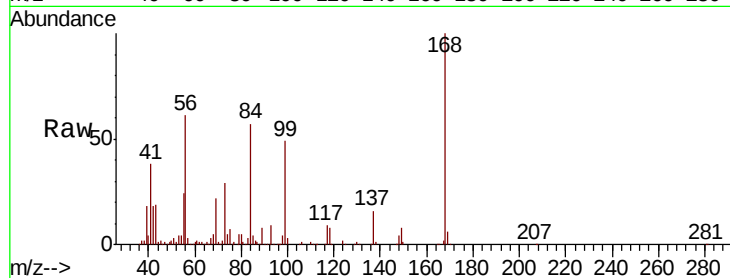
VSTDCCC050

Tot Ion:168 Resp: 425360

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

200000

150000

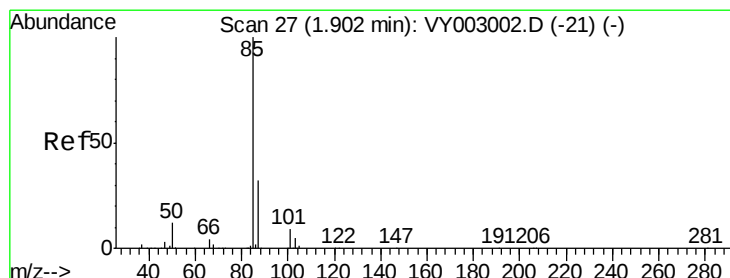
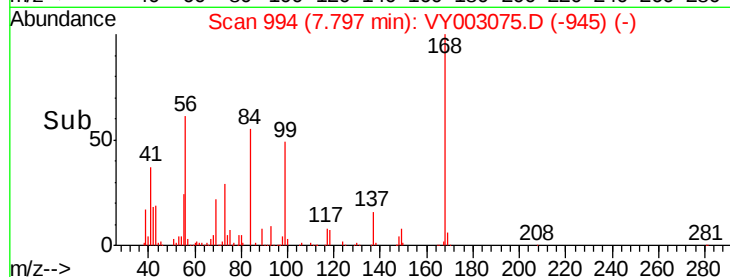
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.543 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003075.D

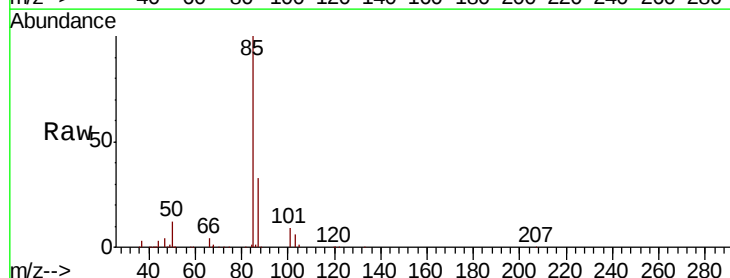
Acq: 02 Jul 2020 10:35

Tgt Ion: 85 Resp: 153154

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

120000

100000

80000

60000

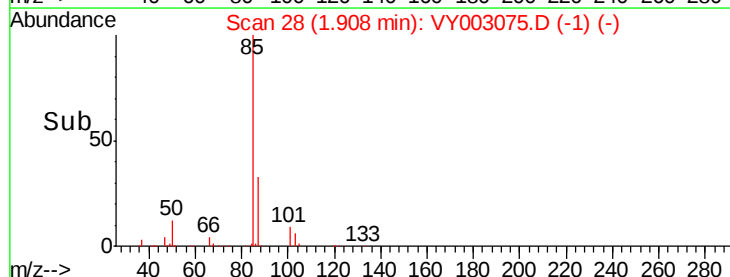
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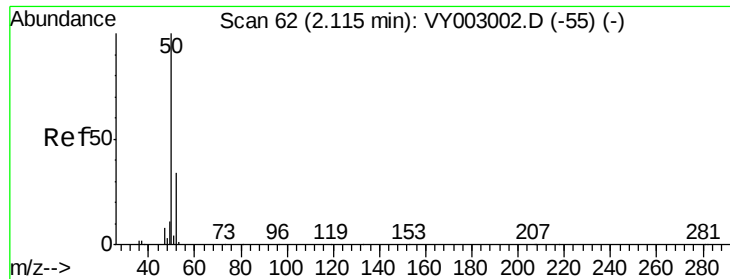
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 42.871 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

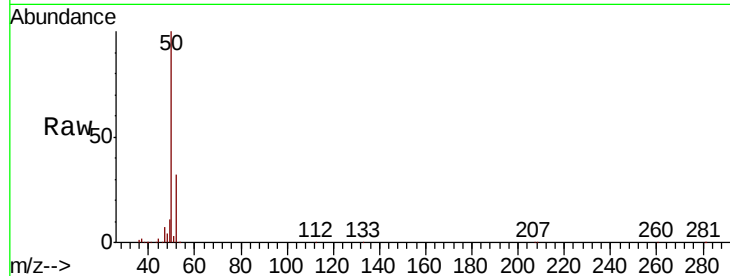
VSTDCCC050

Tot Ion: 50 Resp: 202236

Ion Ratio Lower Upper

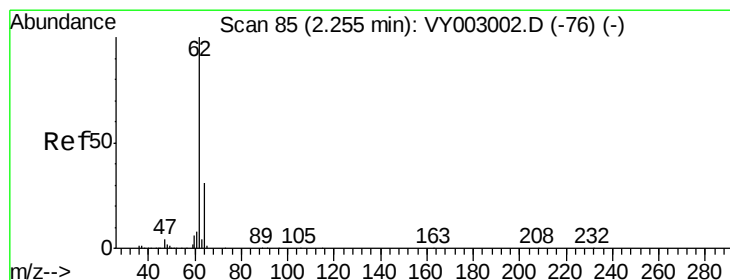
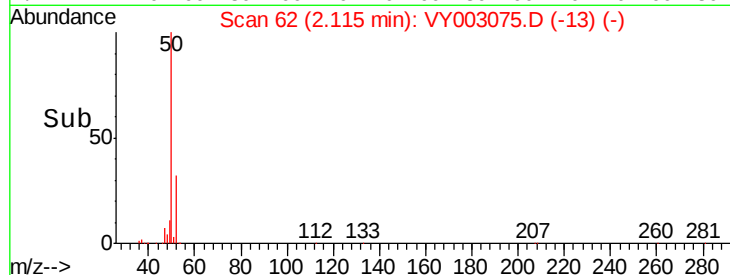
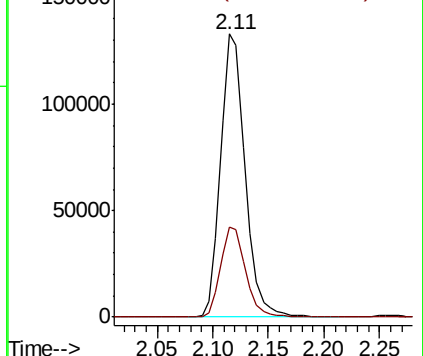
50 100

52 31.6 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.536 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003075.D

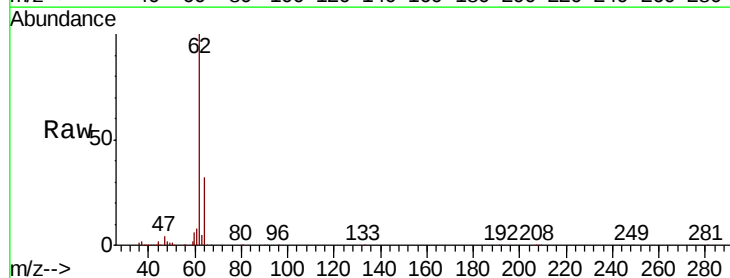
Acq: 02 Jul 2020 10:35

Tgt Ion: 62 Resp: 227936

Ion Ratio Lower Upper

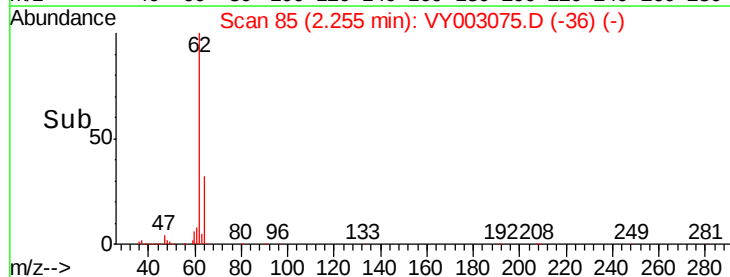
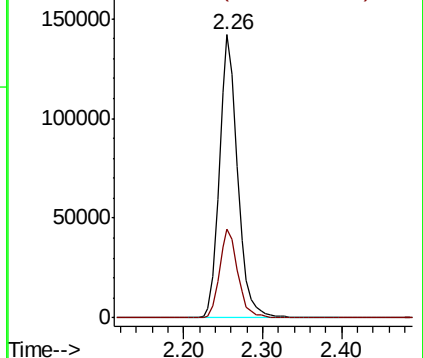
62 100

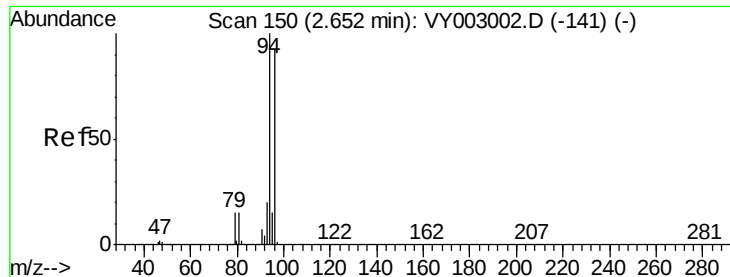
64 31.5 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.618 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

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ClientSampleId :

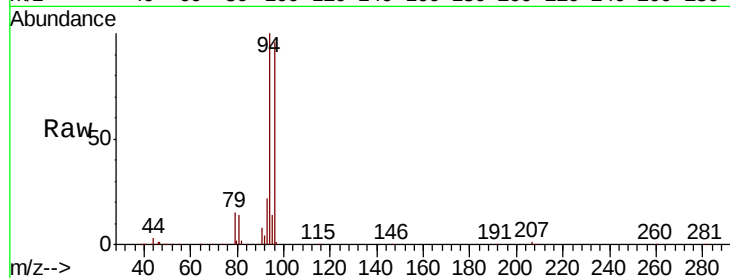
VSTDCCC050

Tot Ion: 94 Resp: 158141

Ion Ratio Lower Upper

94 100

96 96.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

80000

60000

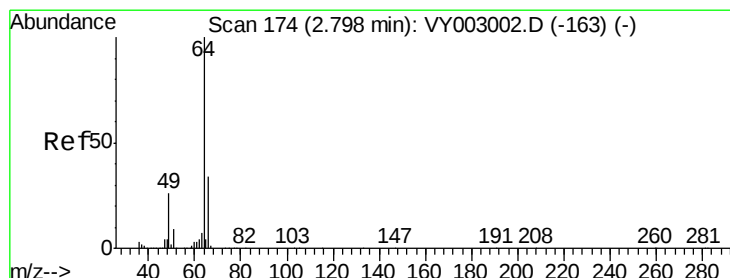
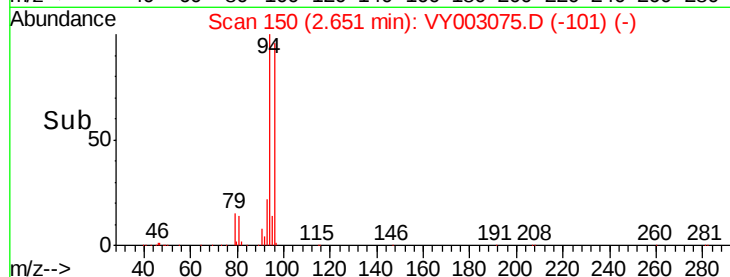
40000

20000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 49.791 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003075.D

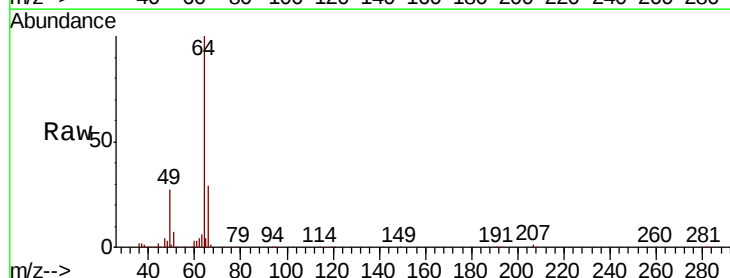
Acq: 02 Jul 2020 10:35

Tgt Ion: 64 Resp: 145748

Ion Ratio Lower Upper

64 100

66 29.4 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

60000

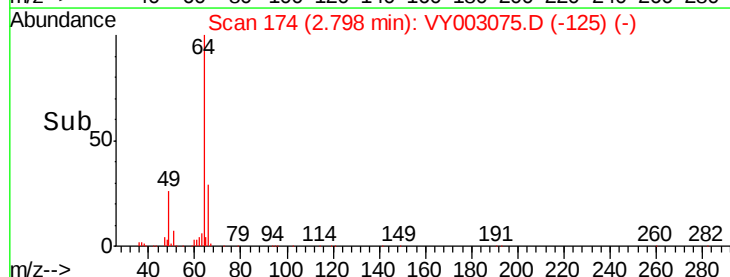
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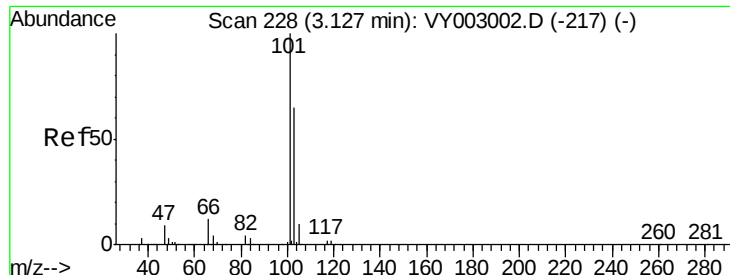
20000

0

Time-->

2.70 2.80 2.90



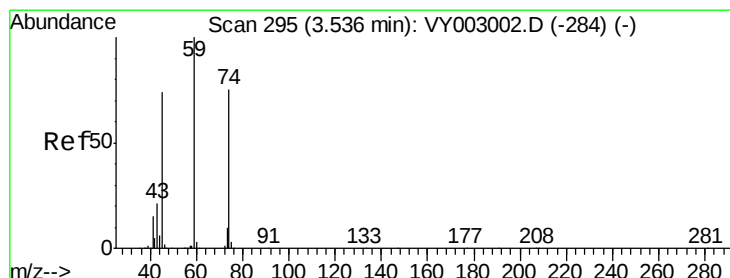
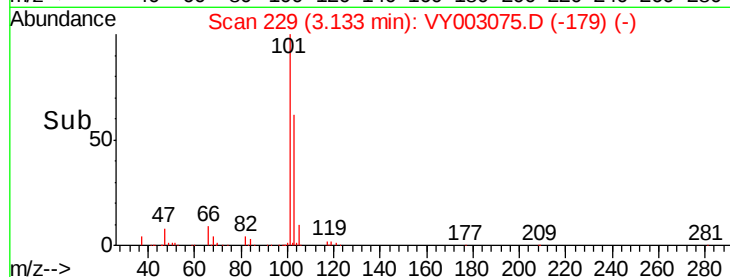
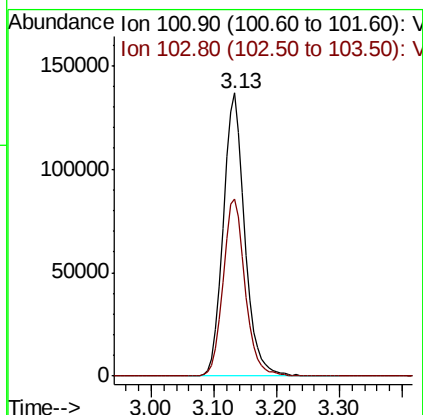
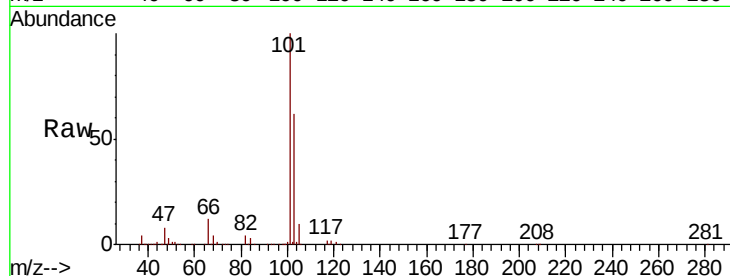


#7

Trichlorofluoromethane
Concen: 49.869 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

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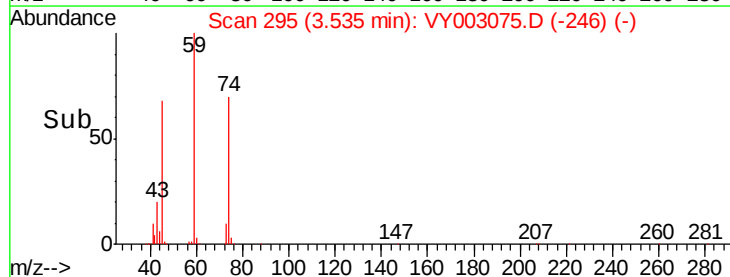
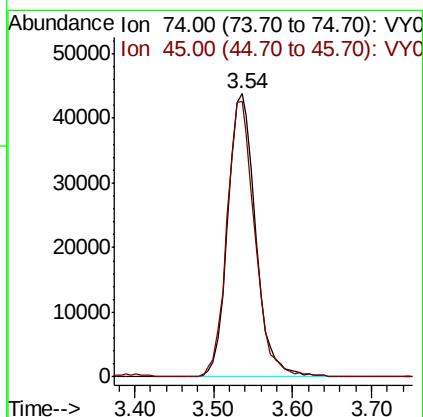
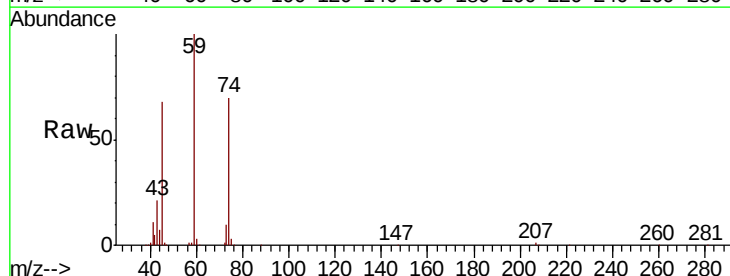
Tot Ion:101 Resp: 323883
Ion Ratio Lower Upper
101 100
103 62.5 51.6 77.4

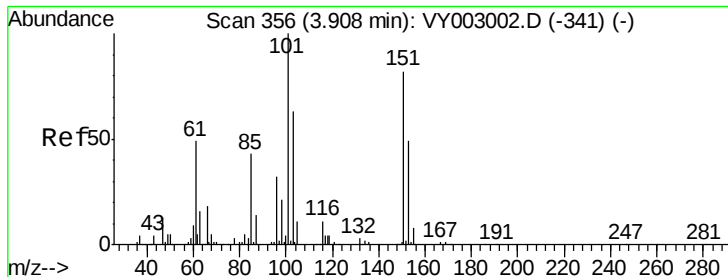


#8

Diethyl Ether
Concen: 48.291 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 74 Resp: 107519
Ion Ratio Lower Upper
74 100
45 97.0 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.942 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

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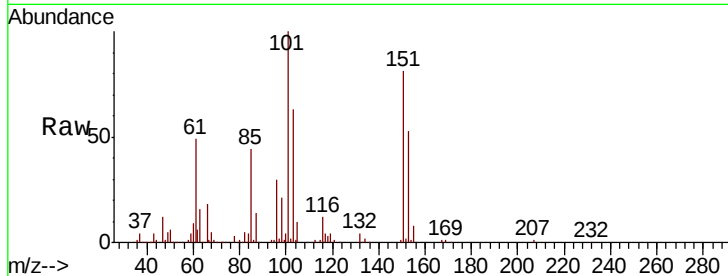
Tot Ion:101 Resp: 197545

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

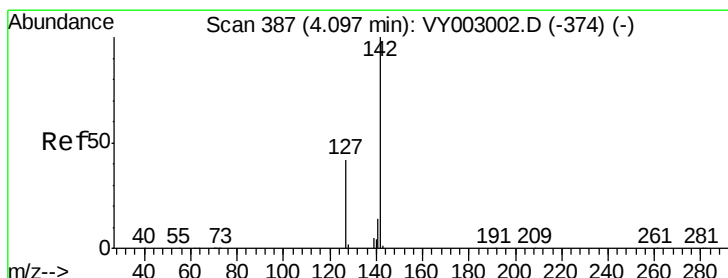
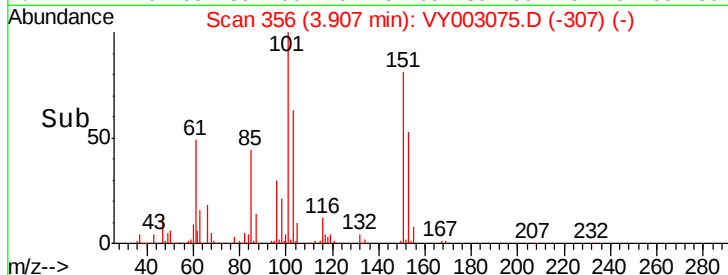
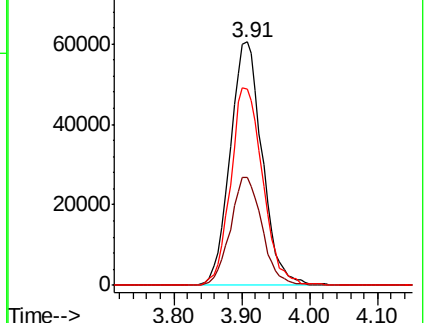
151 81.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.646 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

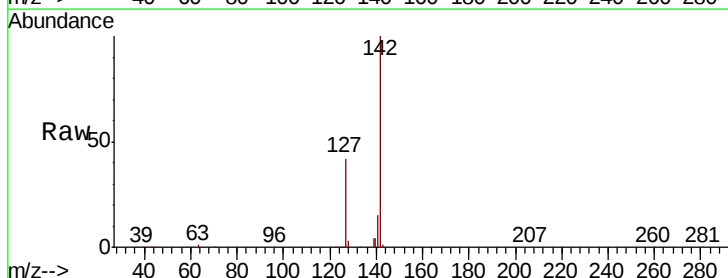
Tgt Ion:142 Resp: 243532

Ion Ratio Lower Upper

142 100

127 42.1 34.2 51.2

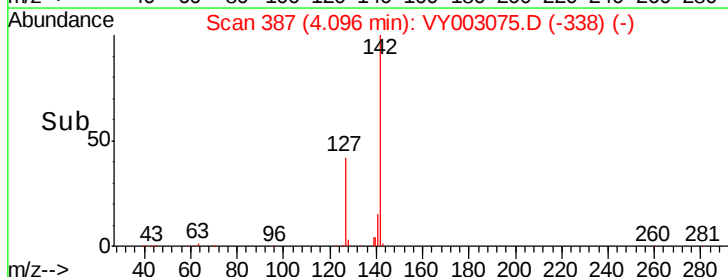
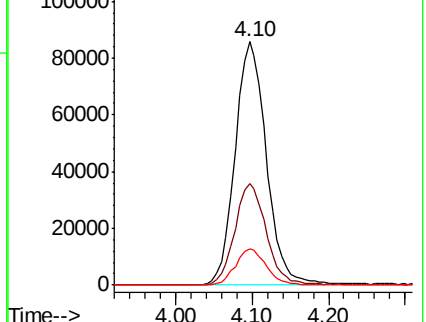
141 14.6 11.7 17.5

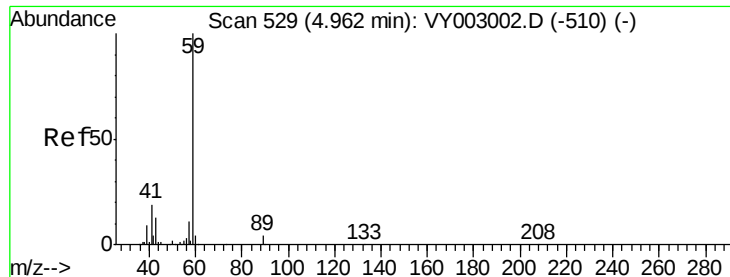


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



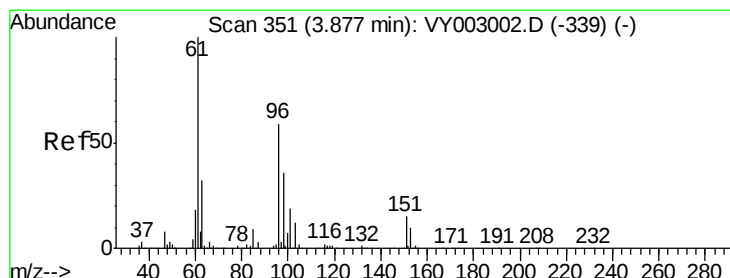
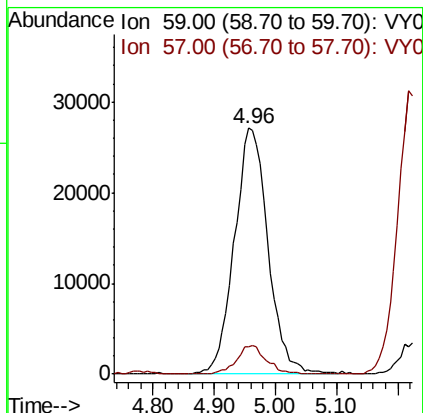
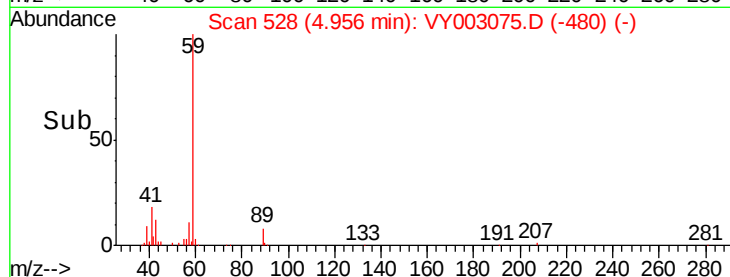
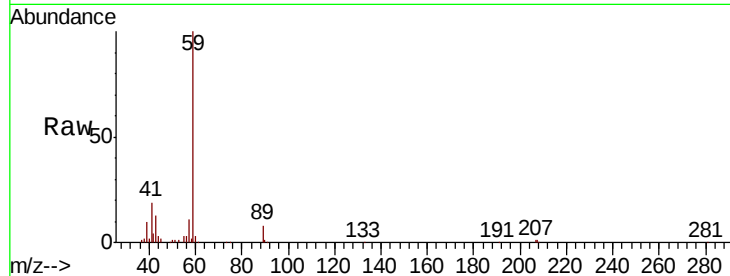


#11

Tert butyl alcohol
 Concen: 240.113 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

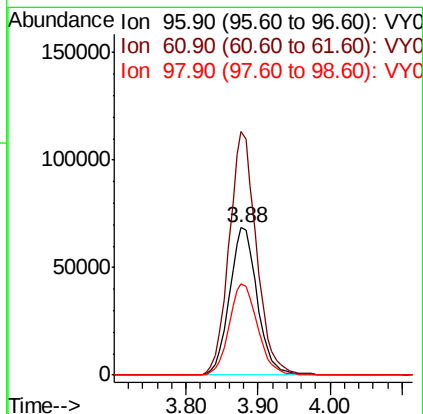
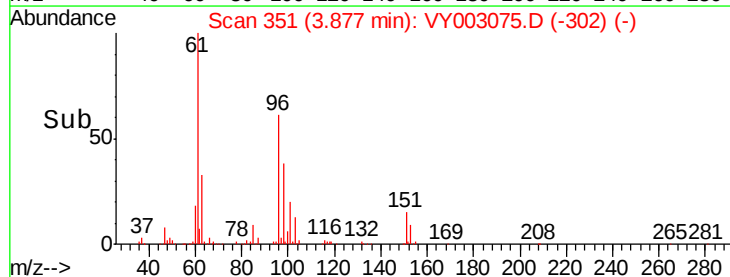
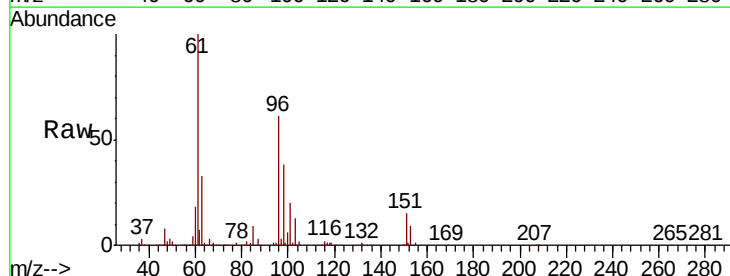
Tot Ion: 59 Resp: 103379
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.0 12.0

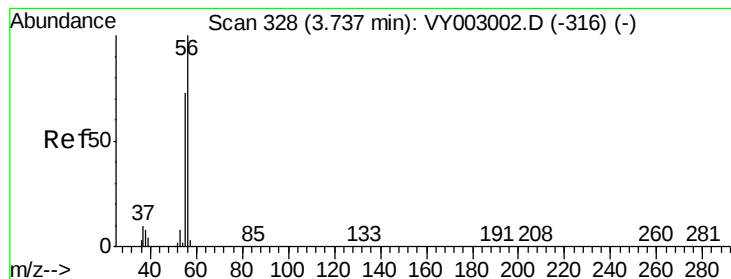


#12

1,1-Dichloroethene
 Concen: 49.916 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 96 Resp: 184175
 Ion Ratio Lower Upper
 96 100
 61 165.1 136.7 205.1
 98 62.3 49.7 74.5





#13

Acrolein

Concen: 201.016 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

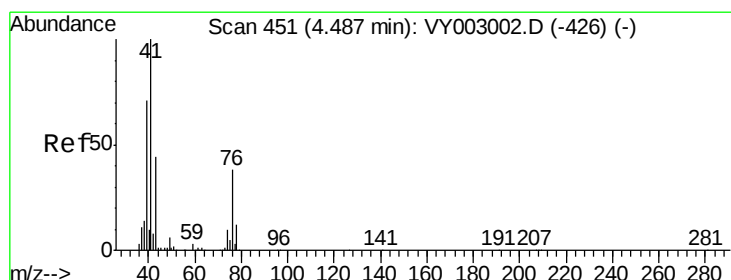
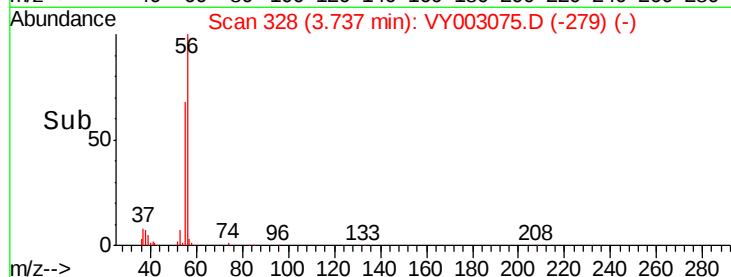
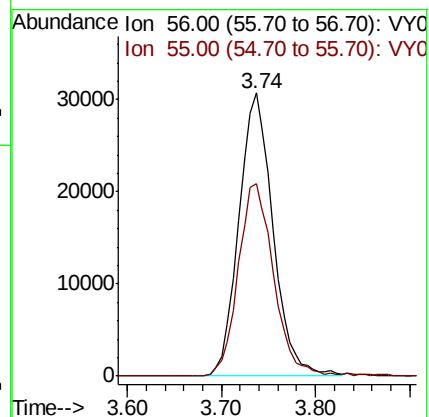
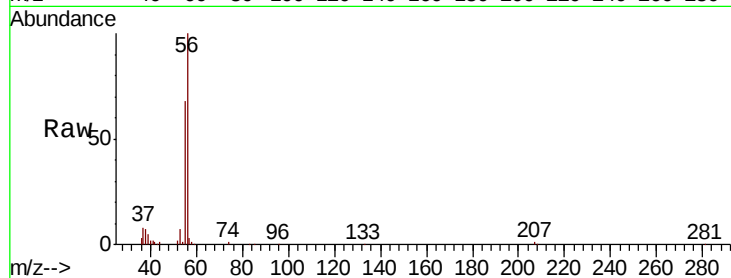
VSTDCCC050

Tot Ion: 56 Resp: 77731

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Allyl chloride

Concen: 46.158 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

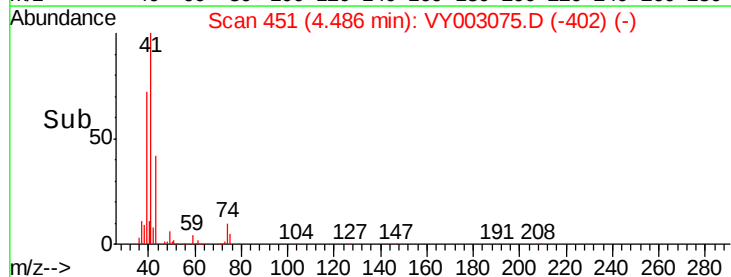
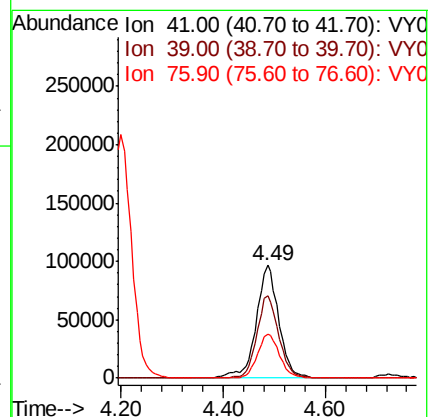
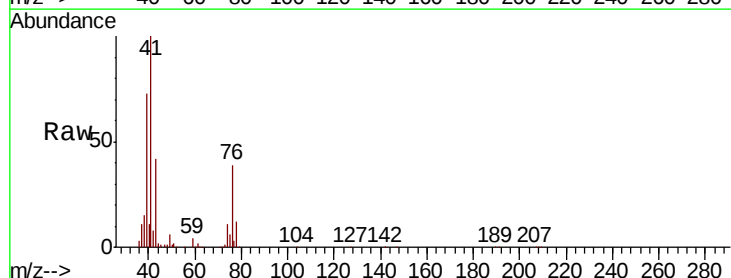
Tgt Ion: 41 Resp: 297352

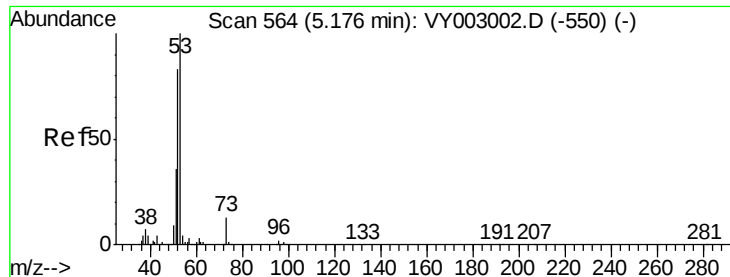
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 38.0 28.6 43.0





#15

Acrylonitrile

Concen: 240.342 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

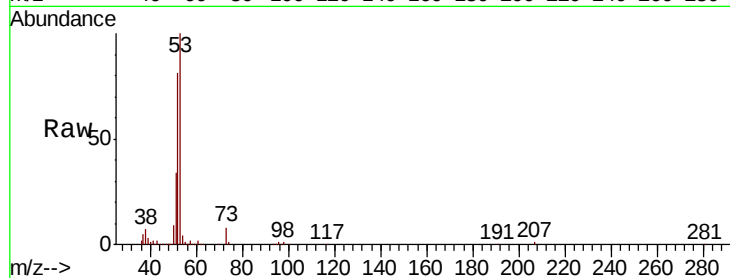
Tot Ion: 53 Resp: 275787

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.2

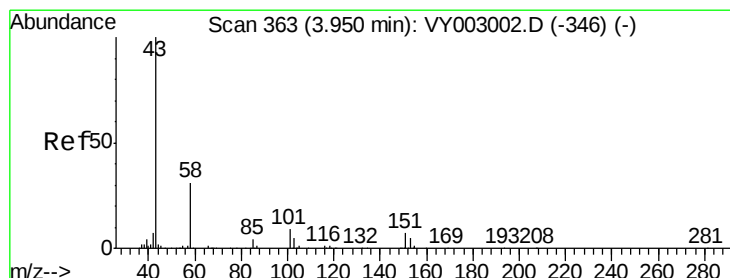
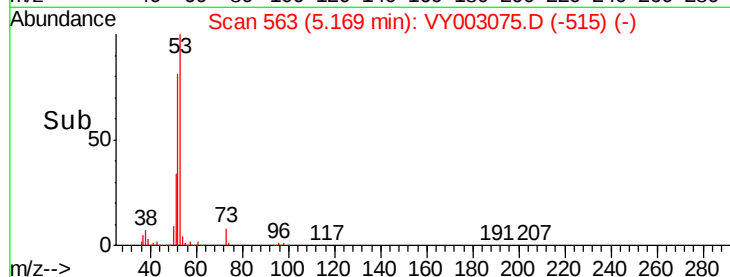
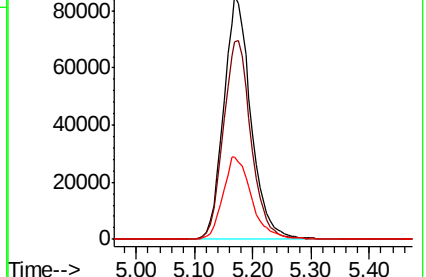
51 35.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY003002.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY003002.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY003002.D (-550) (-)



#16

Acetone

Concen: 277.544 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003075.D

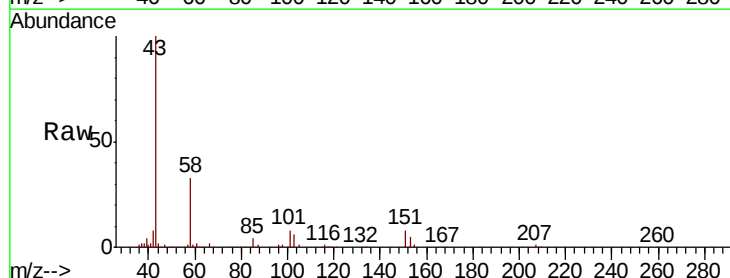
Acq: 02 Jul 2020 10:35

Tgt Ion: 43 Resp: 276540

Ion Ratio Lower Upper

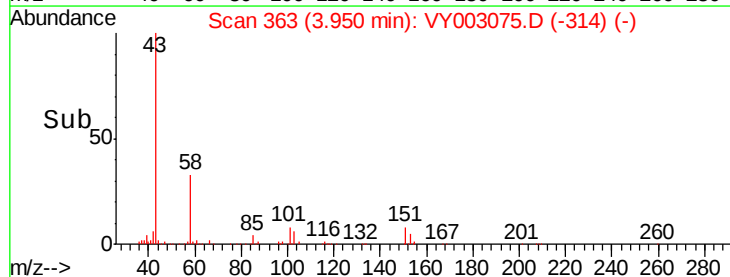
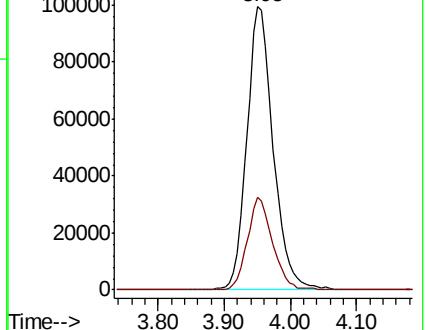
43 100

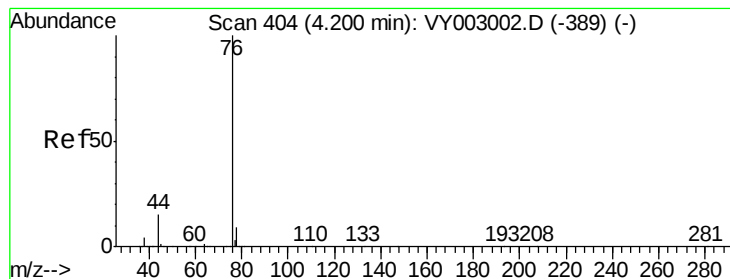
58 32.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)





#17

Carbon Disulfide

Concen: 48.387 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

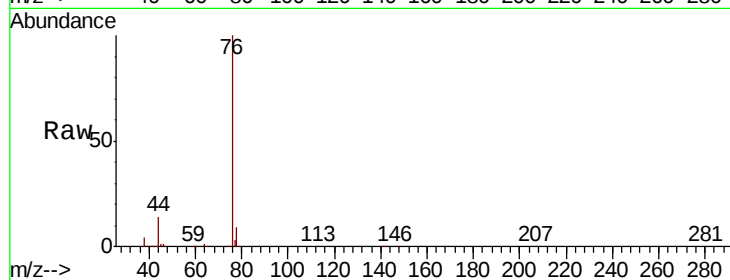
VSTDCCC050

Tot Ion: 76 Resp: 570411

Ion Ratio Lower Upper

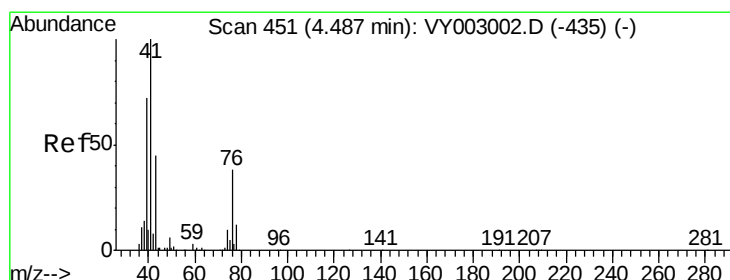
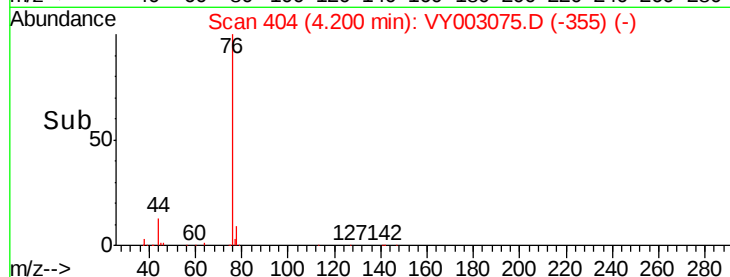
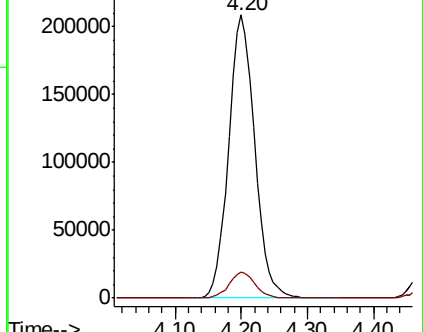
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 45.412 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003075.D

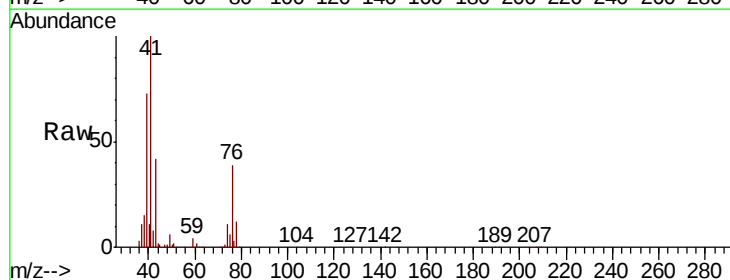
Acq: 02 Jul 2020 10:35

Tgt Ion: 43 Resp: 121904

Ion Ratio Lower Upper

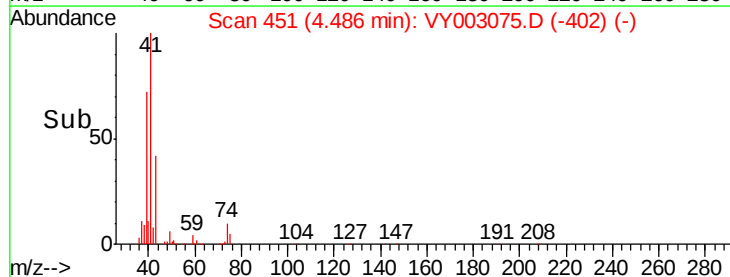
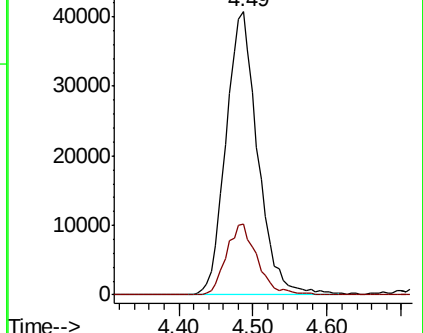
43 100

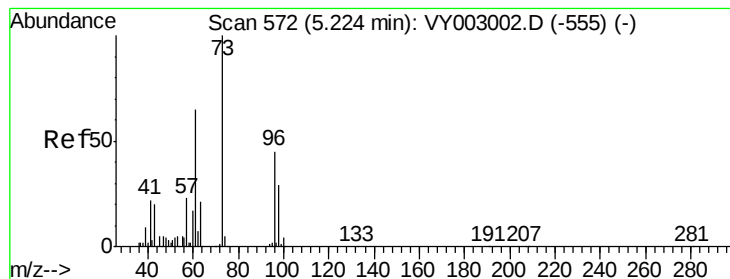
74 24.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



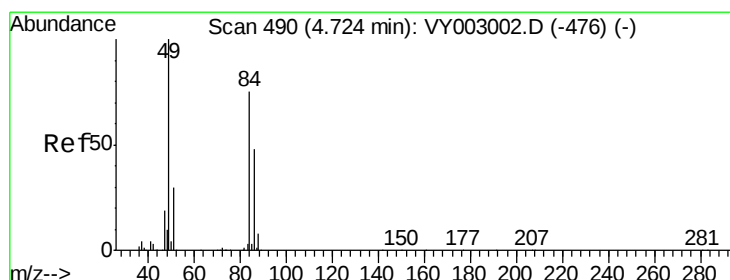
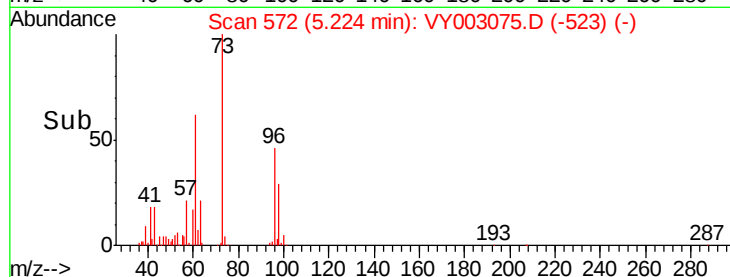
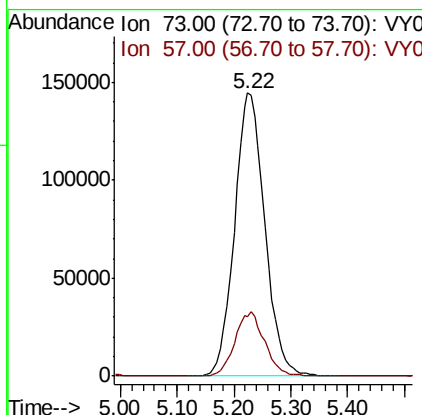
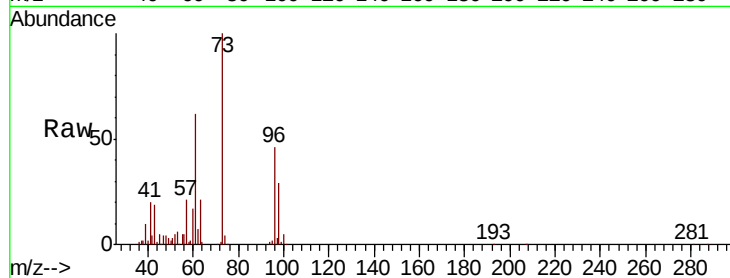


#19

Methyl tert-butyl Ether
 Concen: 49.789 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

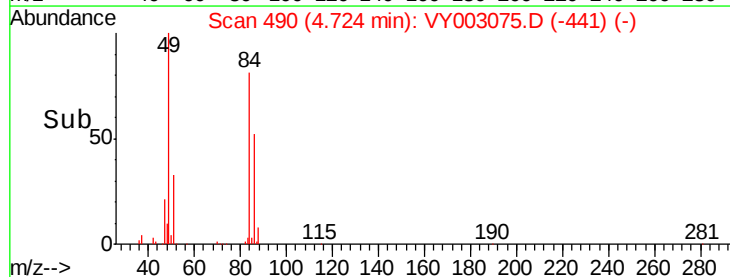
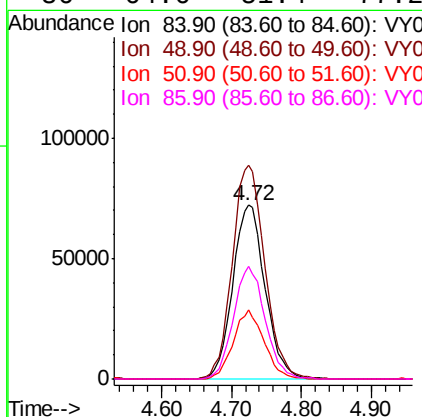
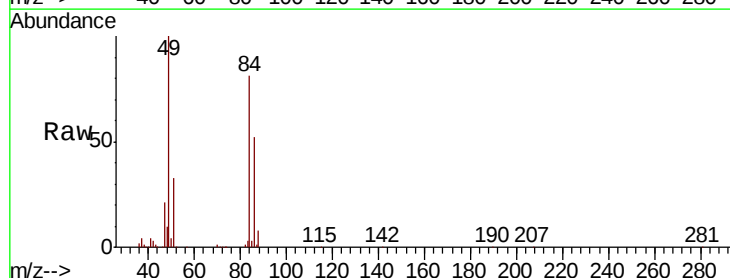
Tot Ion: 73 Resp: 535483
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.2

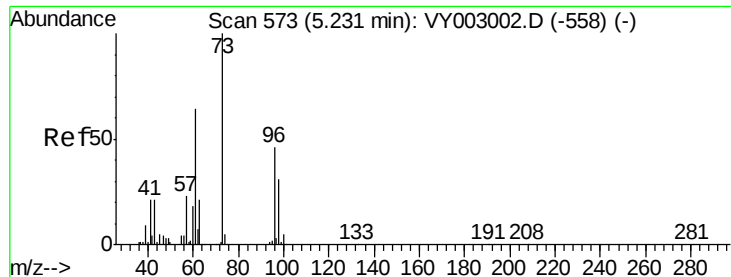


#20

Methylene Chloride
 Concen: 52.437 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 84 Resp: 231637
 Ion Ratio Lower Upper
 84 100
 49 123.1 106.8 160.2
 51 40.2 32.0 48.0
 86 64.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.883 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

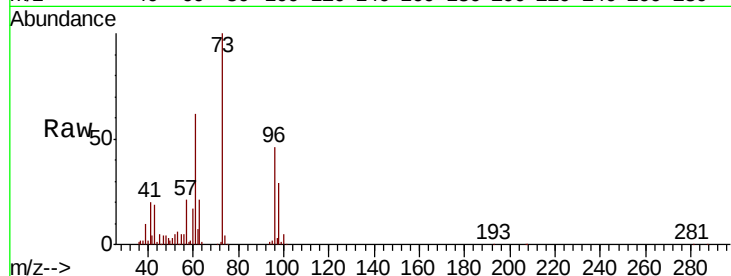
Tot Ion: 96 Resp: 208190

Ion Ratio Lower Upper

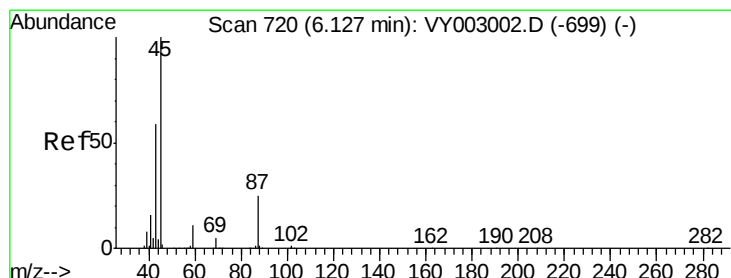
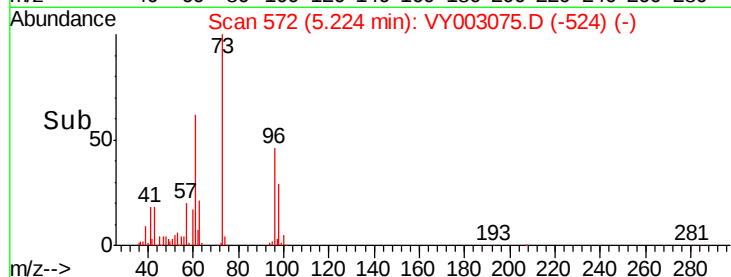
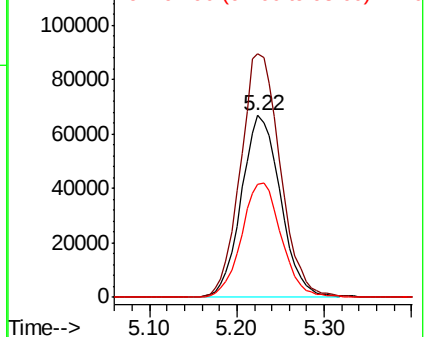
96 100

61 134.0 112.3 168.5

98 62.2 53.8 80.8



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



#22

Diisopropyl ether

Concen: 48.015 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion: 45 Resp: 662953

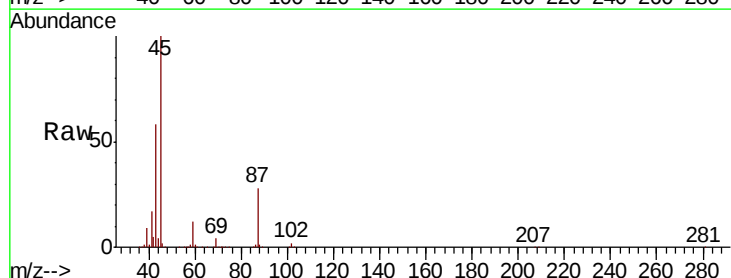
Ion Ratio Lower Upper

45 100

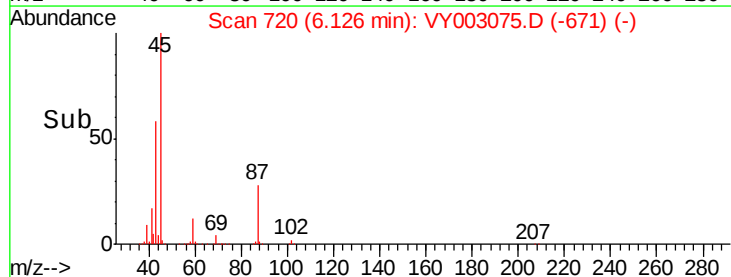
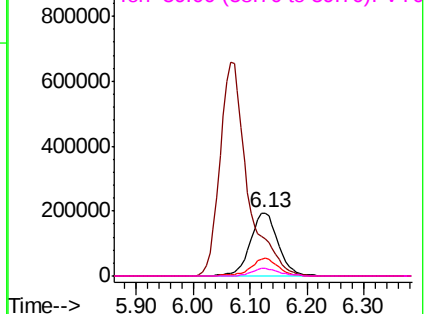
43 58.2 47.4 71.2

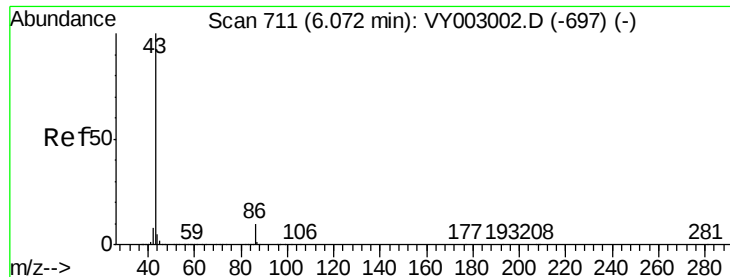
87 27.7 20.2 30.2

59 11.6 9.2 13.8



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

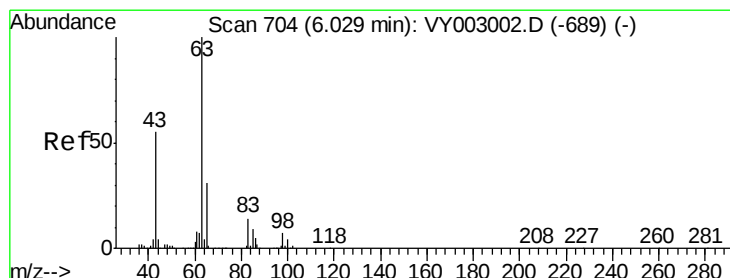
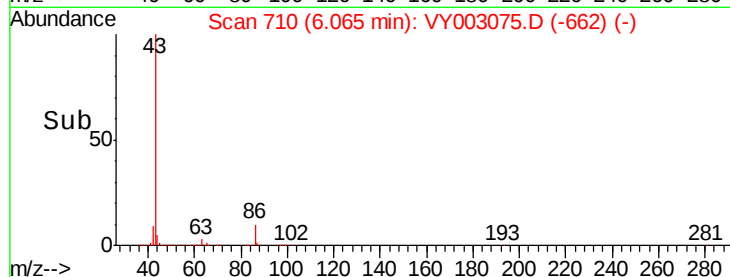
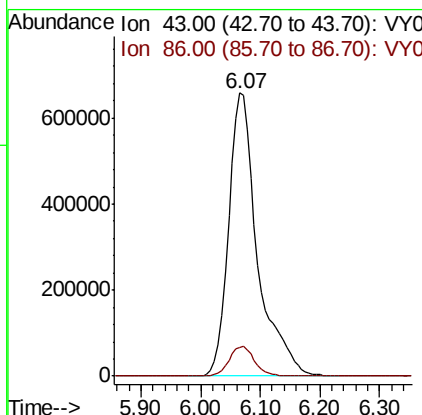
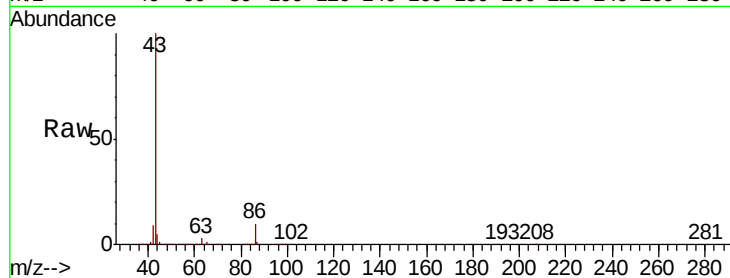




#23
 Vinyl Acetate
 Concen: 239.947 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

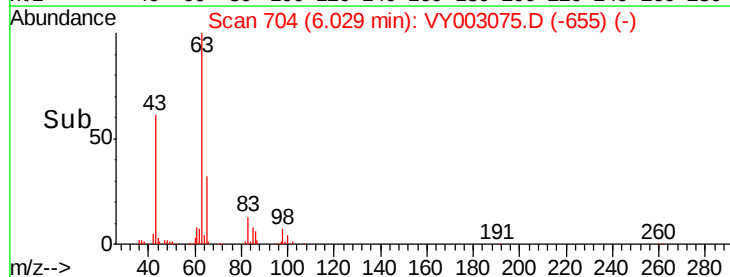
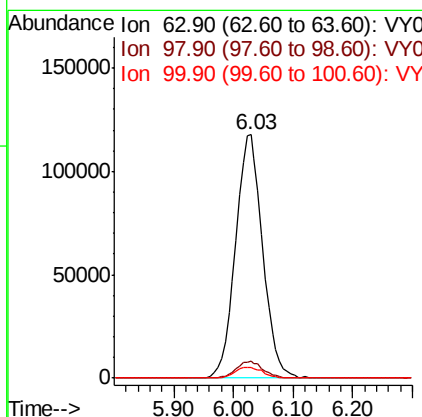
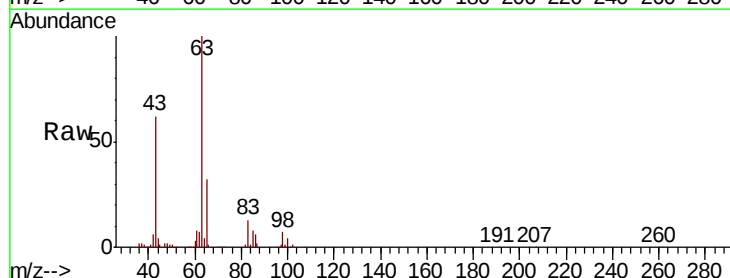
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2214980
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 49.191 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 63 Resp: 371014
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 248.602 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

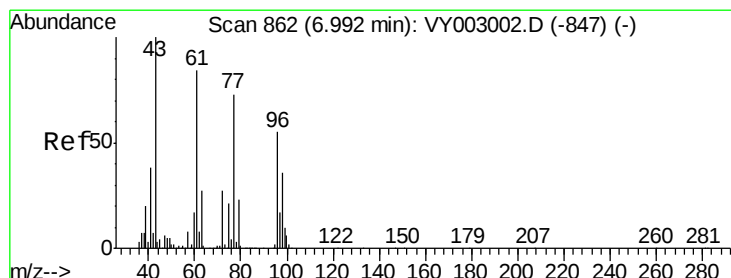
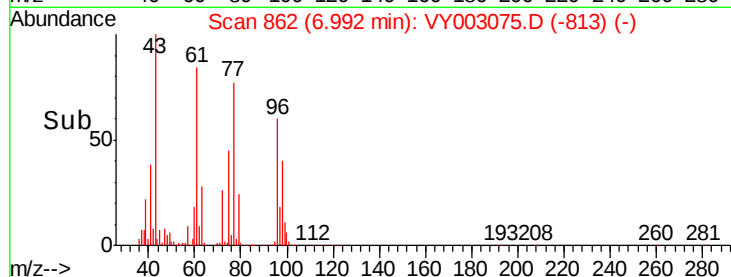
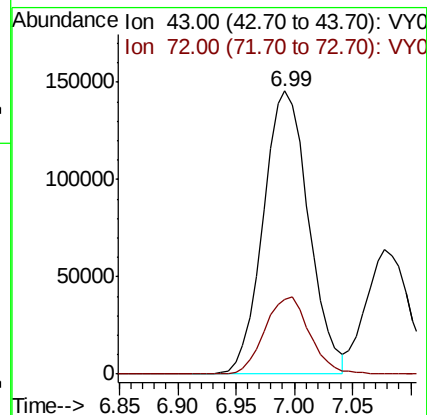
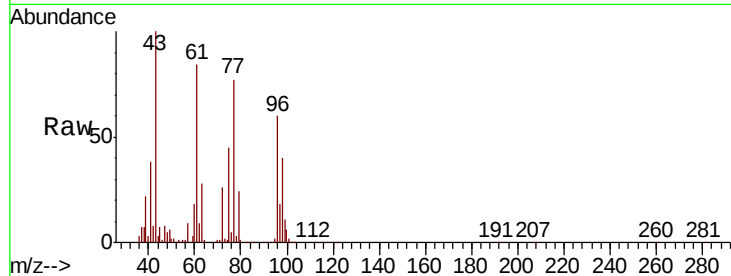
VSTDCCC050

Tot Ion: 43 Resp: 393477

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 50.136 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003075.D

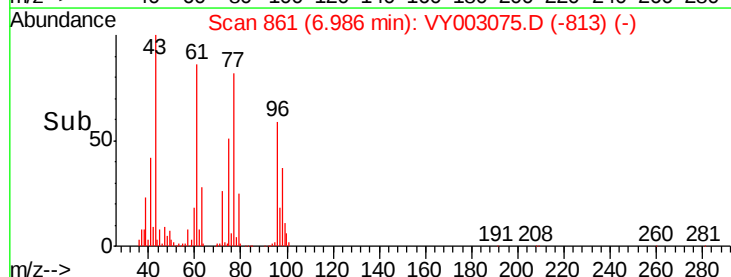
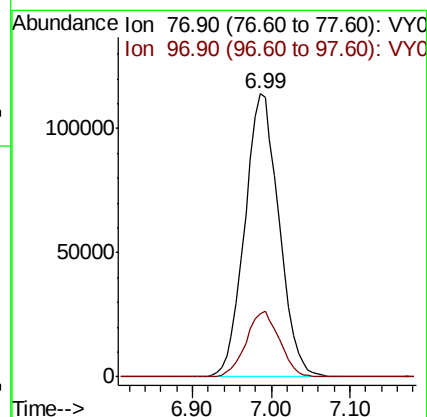
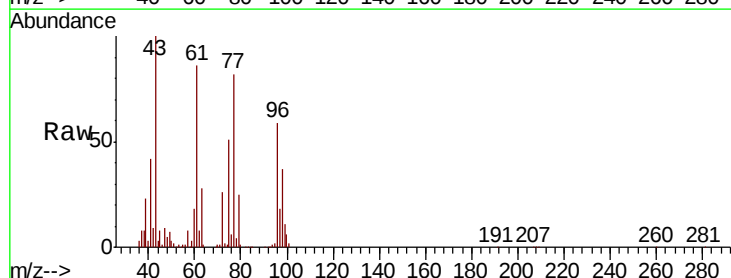
Acq: 02 Jul 2020 10:35

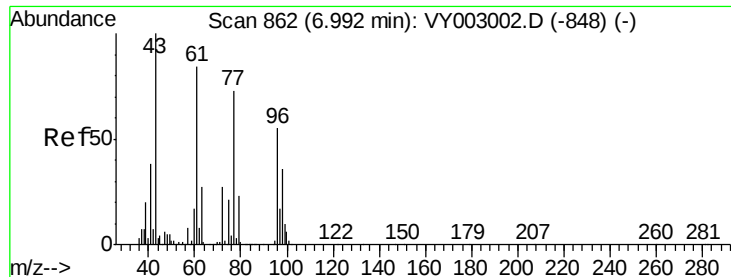
Tgt Ion: 77 Resp: 343564

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



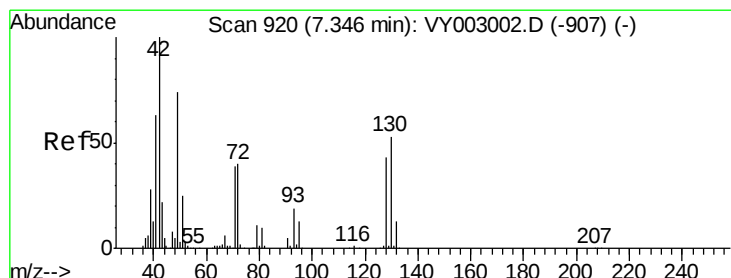
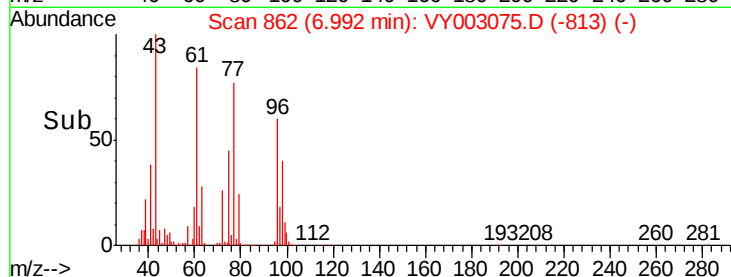
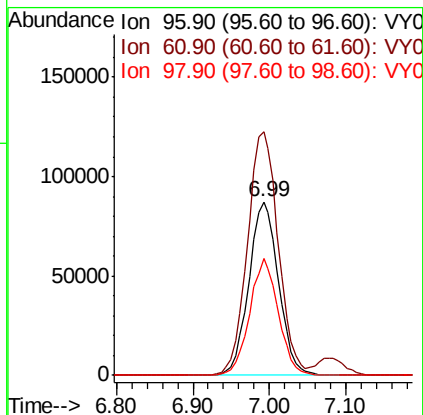
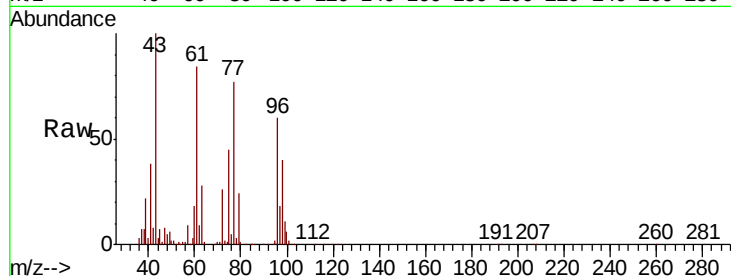


#27

cis-1,2-Dichloroethene
 Concen: 50.413 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

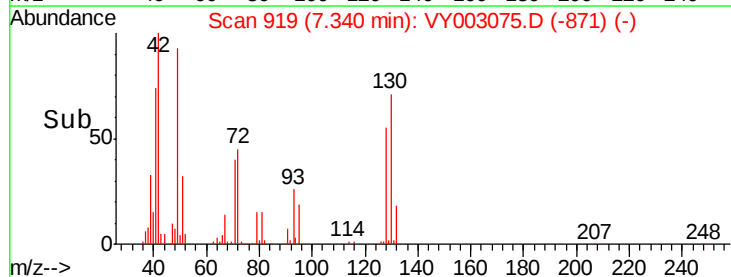
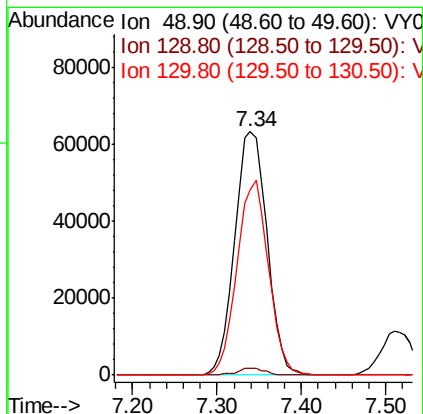
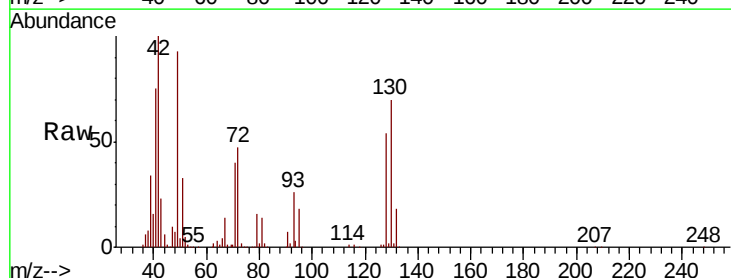
Tot Ion	96	Resp	235991
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	301.2
98	64.9	0.0	129.0

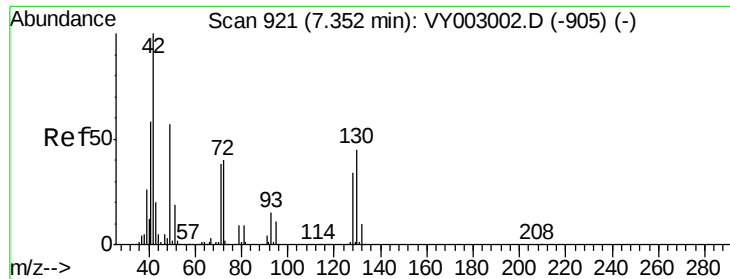


#28

Bromochloromethane
 Concen: 49.186 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	49	Resp	165063
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	77.4	57.0	85.6

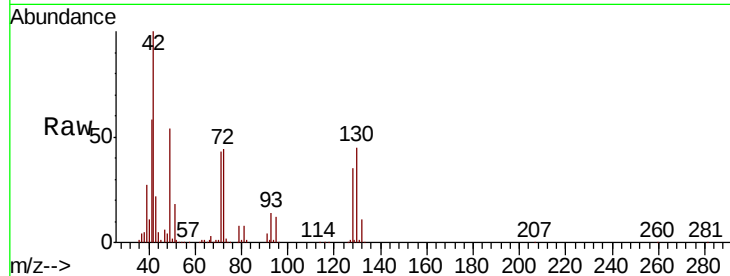




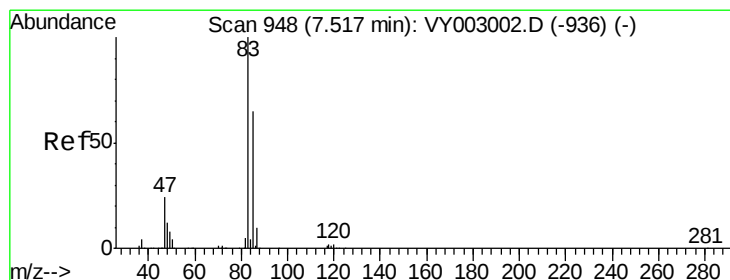
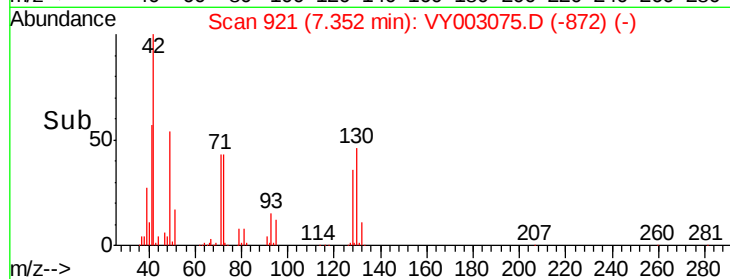
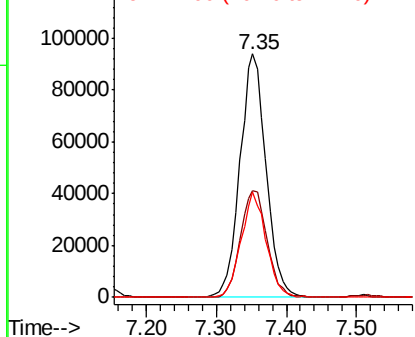
#29
Tetrahydrofuran
Concen: 231.567 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 243733
Ion Ratio Lower Upper
42 100
72 44.7 32.9 49.3
71 41.4 31.2 46.8

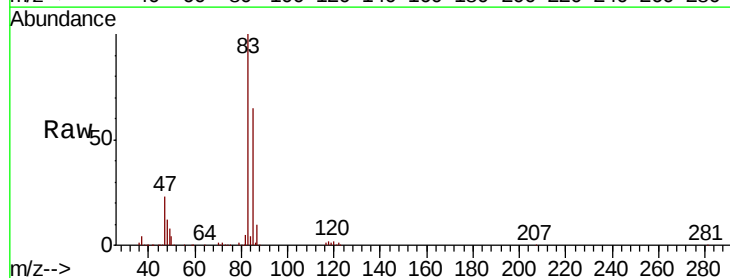


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

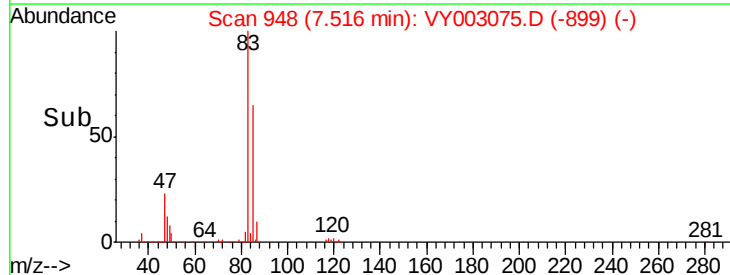
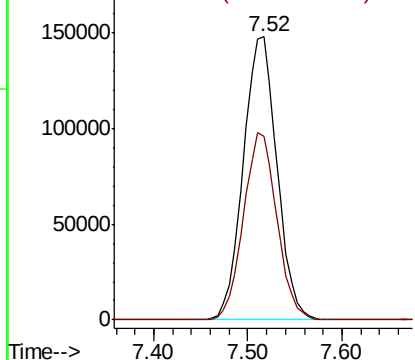


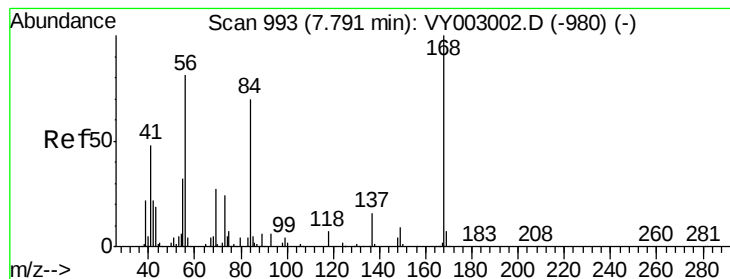
#30
Chloroform
Concen: 49.818 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 83 Resp: 372246
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5



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





#31

Cyclohexane

Concen: 45.741 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

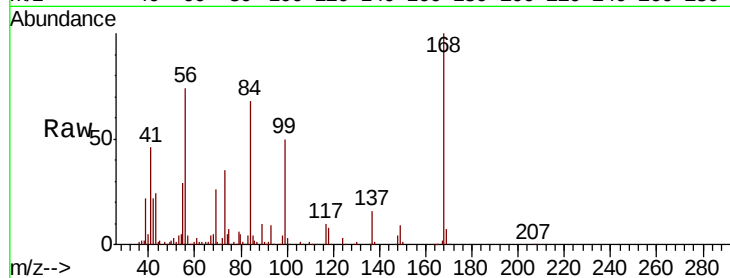
Tot Ion: 56 Resp: 339866

Ion Ratio Lower Upper

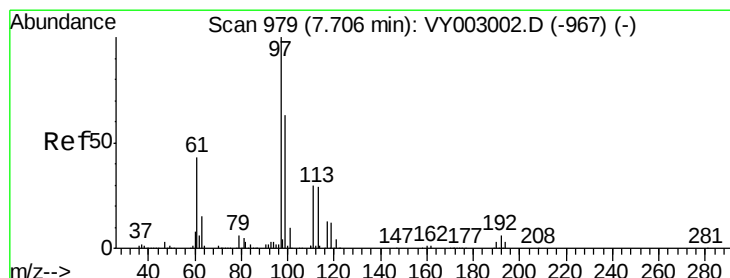
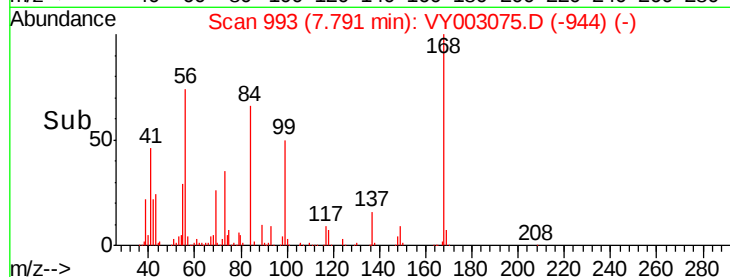
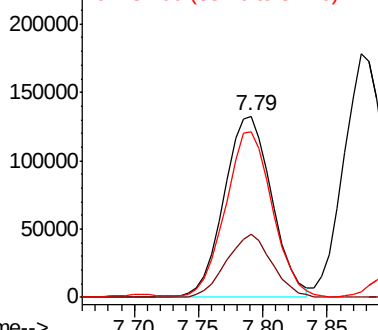
56 100

69 35.1 27.0 40.4

84 89.8 68.1 102.1



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: 49.868 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

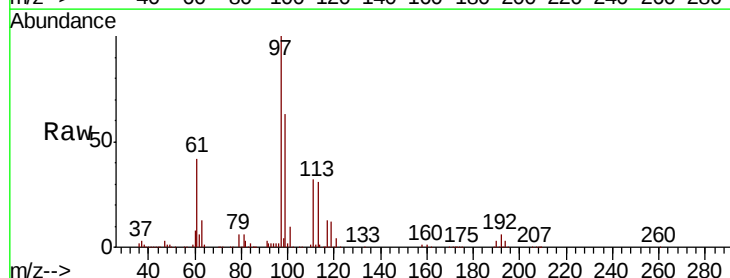
Tgt Ion: 97 Resp: 340123

Ion Ratio Lower Upper

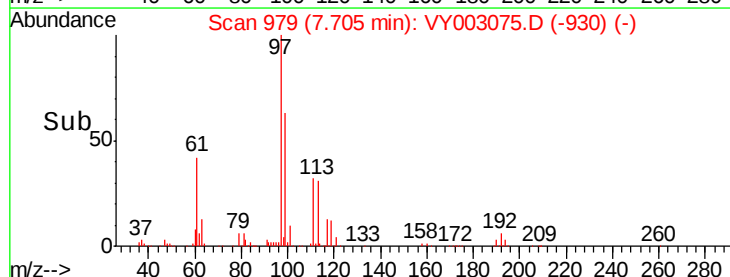
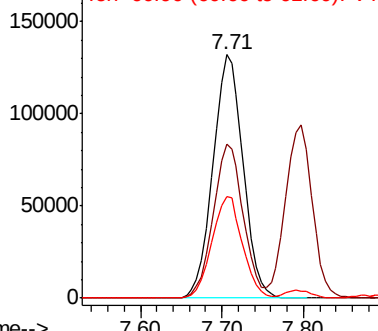
97 100

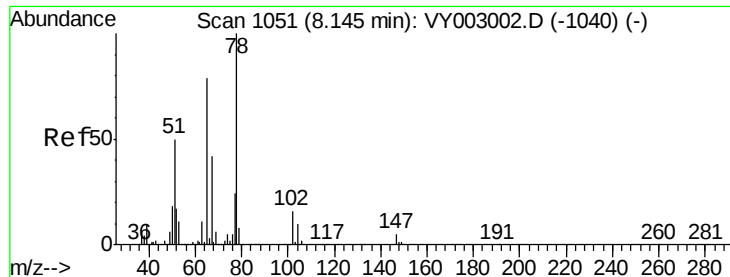
99 63.2 51.4 77.2

61 42.1 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 48.286 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

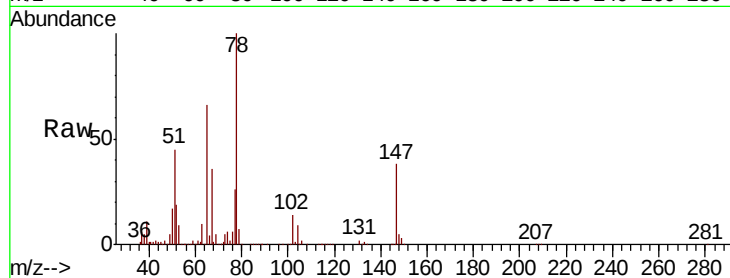
VSTDCCC050

Tot Ion: 65 Resp: 203995

Ion Ratio Lower Upper

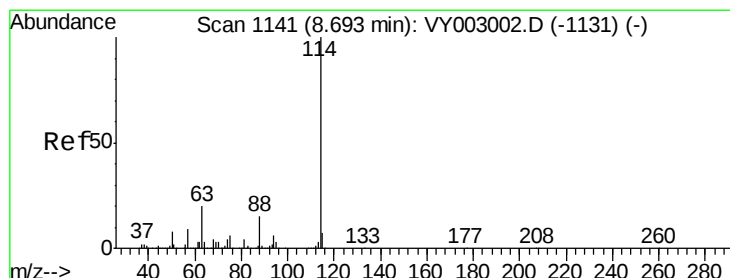
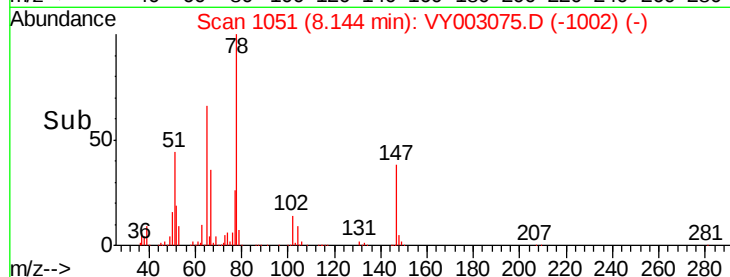
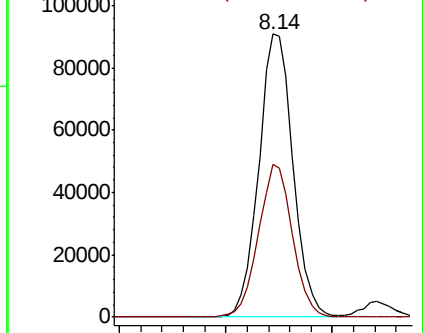
65 100

67 53.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

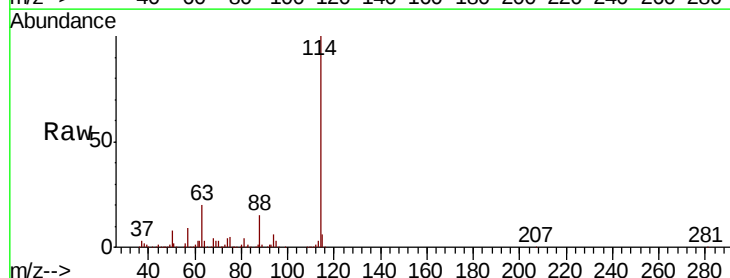
Tgt Ion: 114 Resp: 611670

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

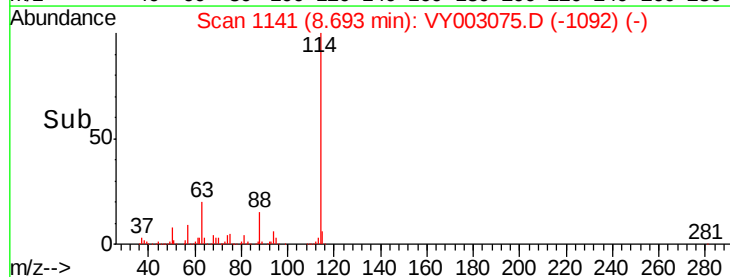
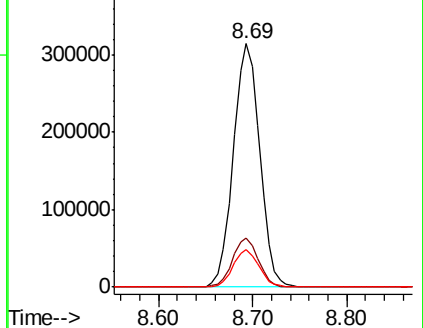
88 15.3 0.0 30.0

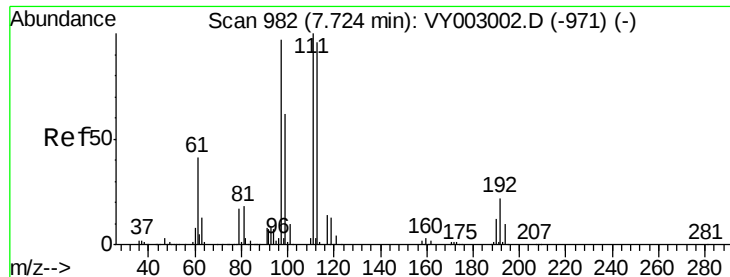


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

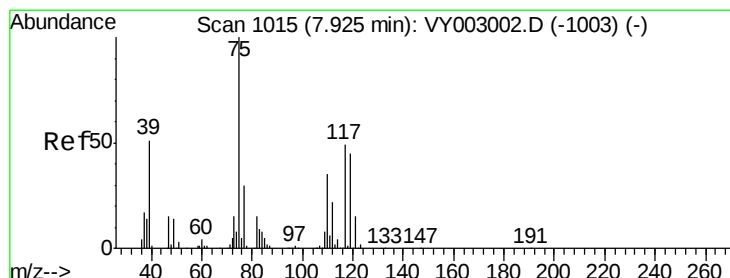
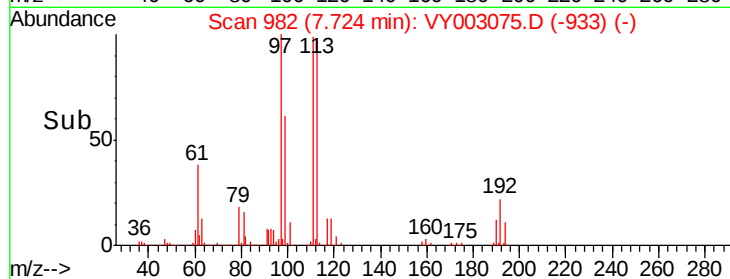
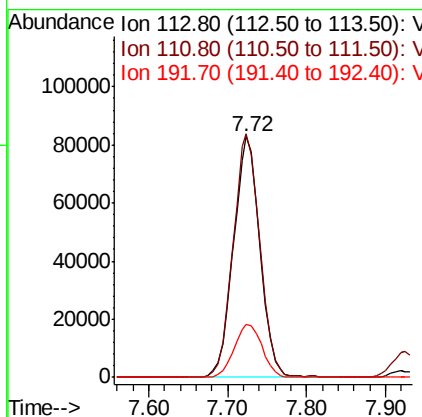
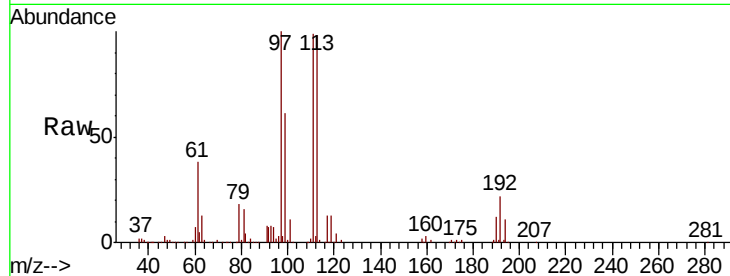




#35
 Dibromofluoromethane
 Concen: 50.508 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

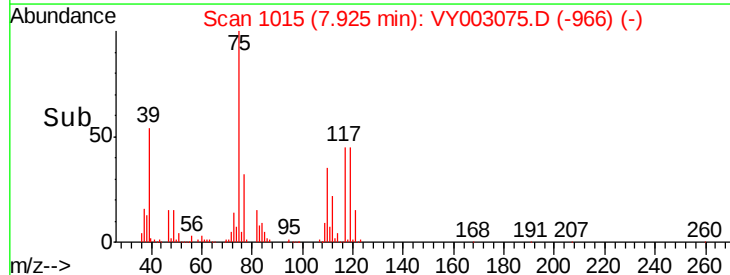
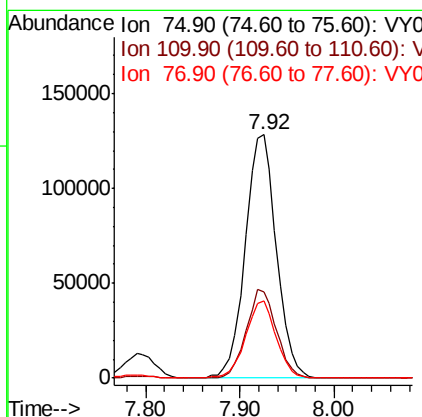
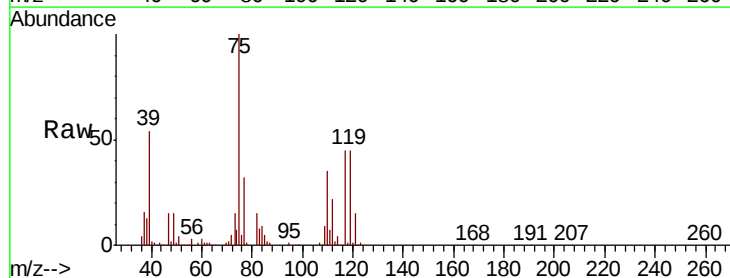
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

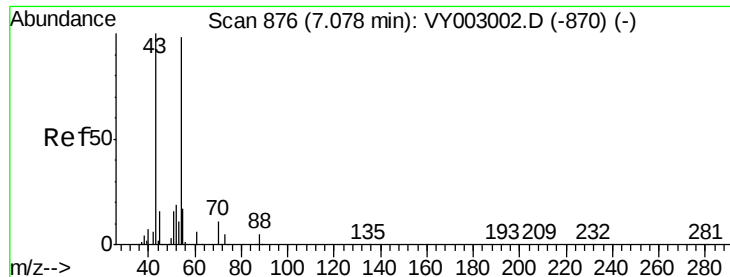
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	23.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 50.348 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.1	51.2
77	31.3	24.9	37.3

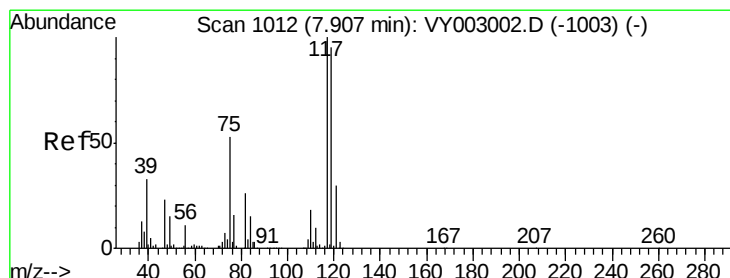
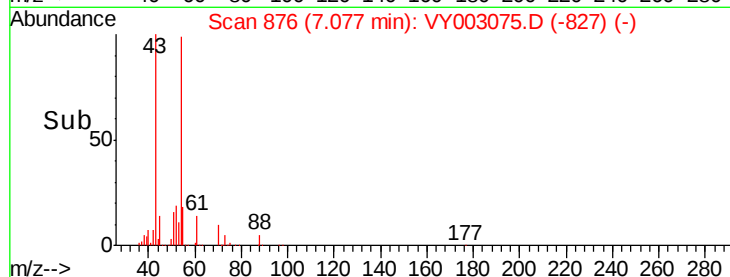
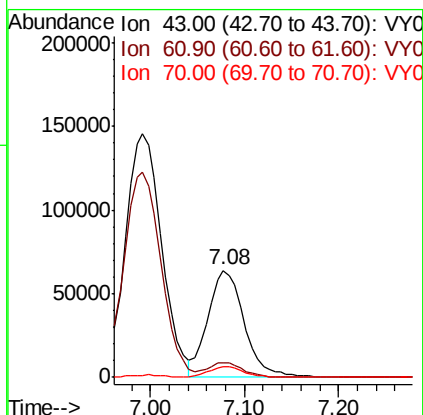
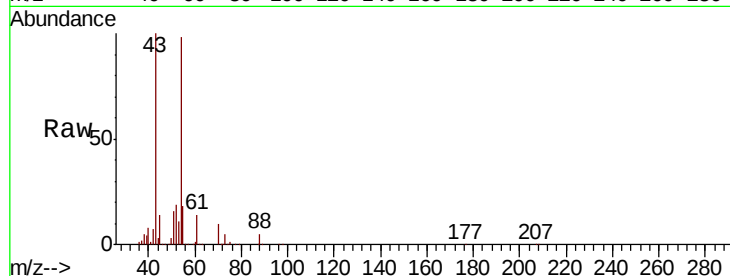




#37
Ethyl Acetate
Concen: 47.932 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

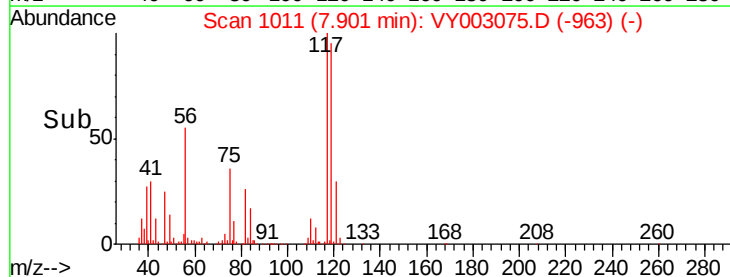
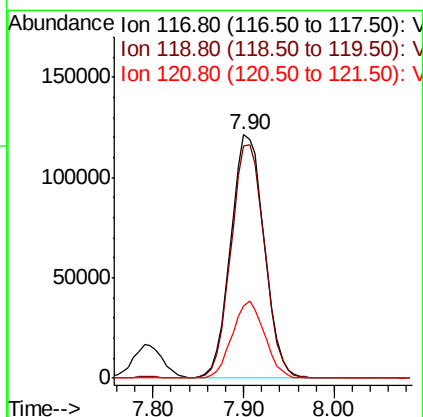
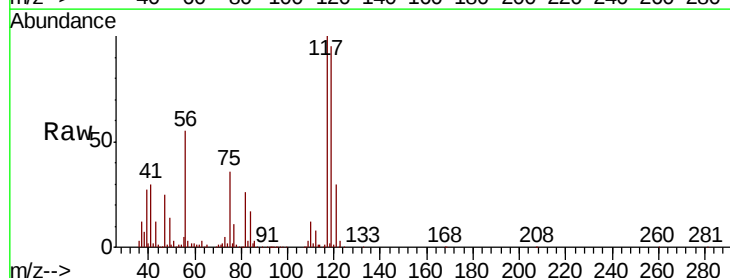
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

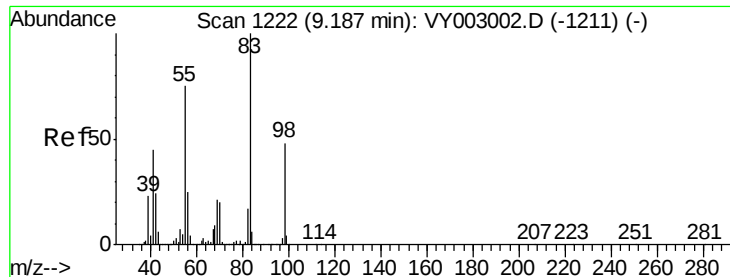
Tot Ion: 43 Resp: 169798
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.709 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 117 Resp: 310851
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
121 29.8 23.9 35.9

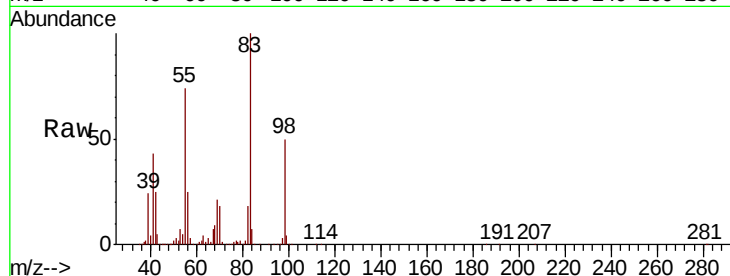




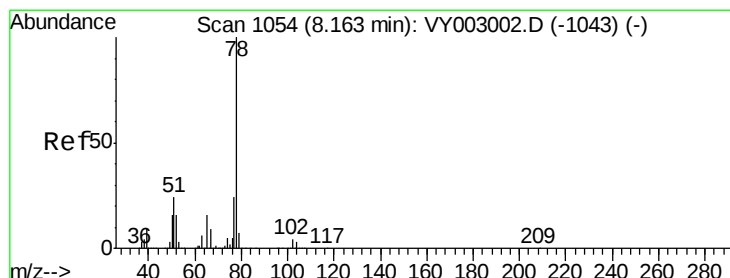
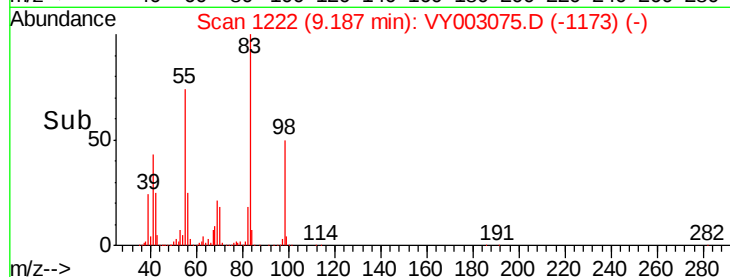
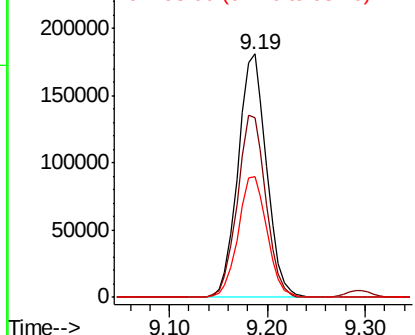
#39
Methvlcvclohexane
Concen: 50.044 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 365571
Ion Ratio Lower Upper
83 100
55 73.9 59.9 89.9
98 49.8 38.7 58.1

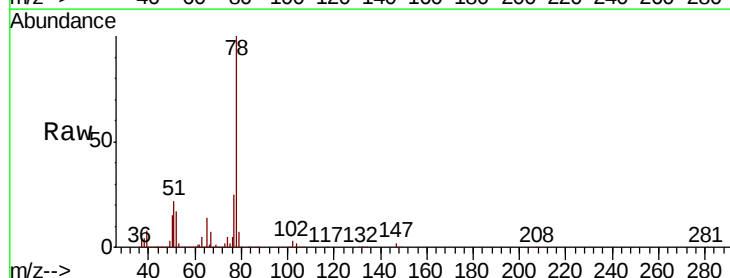


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

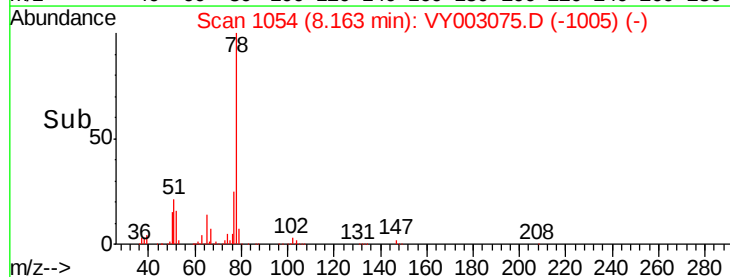
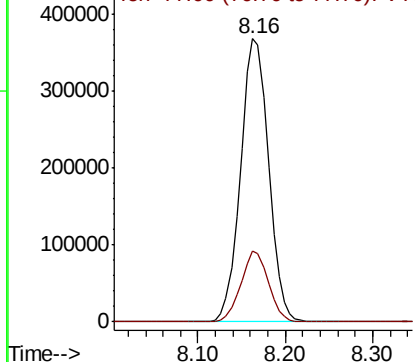


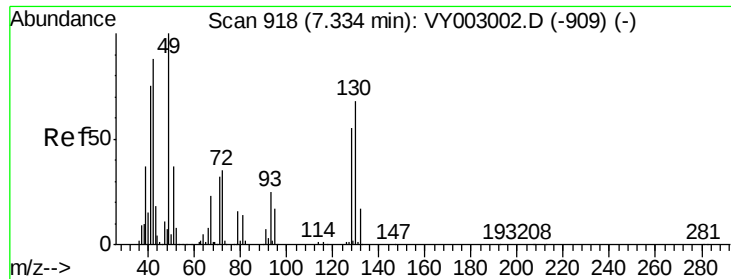
#40
Benzene
Concen: 51.001 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 78 Resp: 822658
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8



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

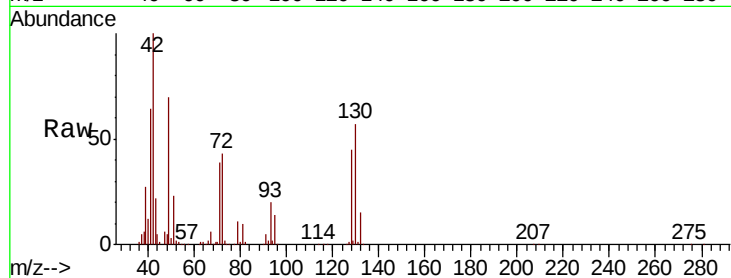




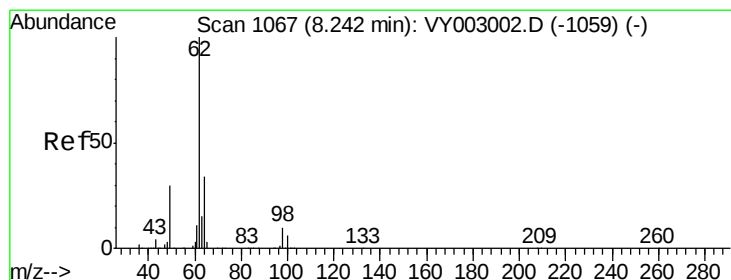
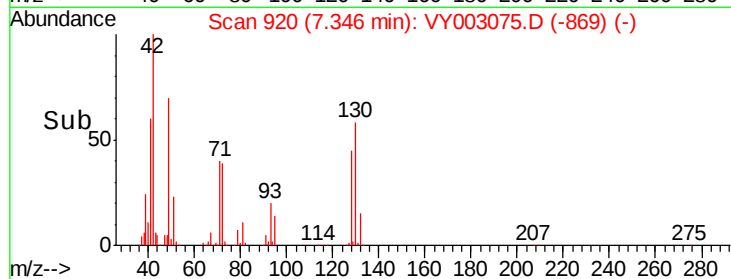
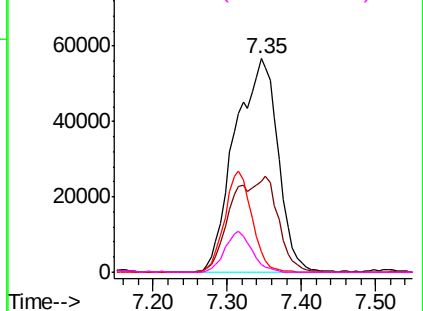
#41
Methacrylonitrile
Concen: 121.648 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	230199
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

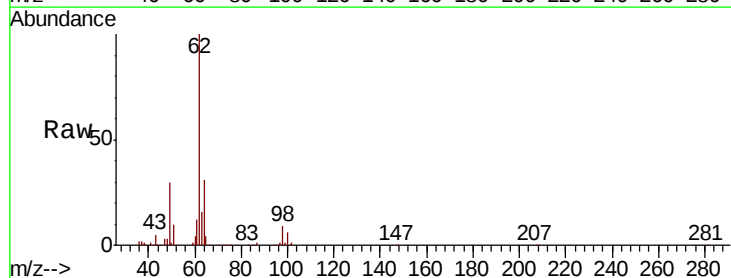


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

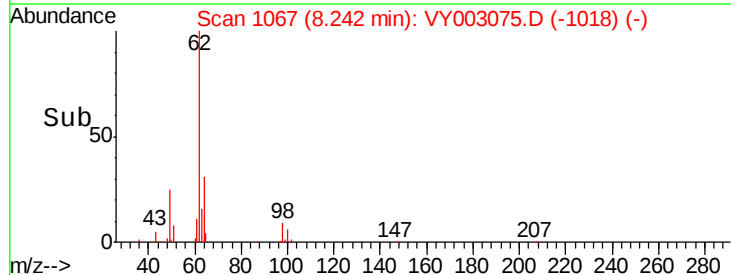
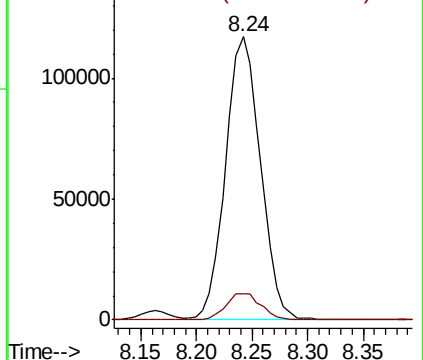


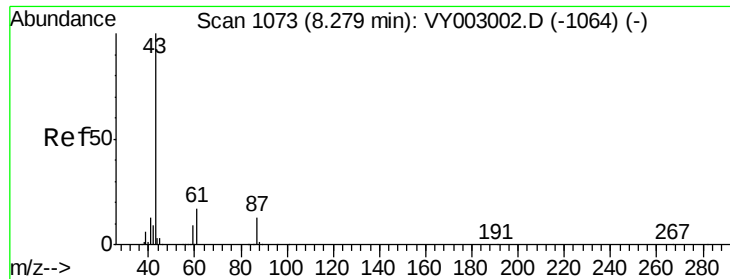
#42
1,2-Dichloroethane
Concen: 49.913 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion:	62	Resp:	254701
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 48.851 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

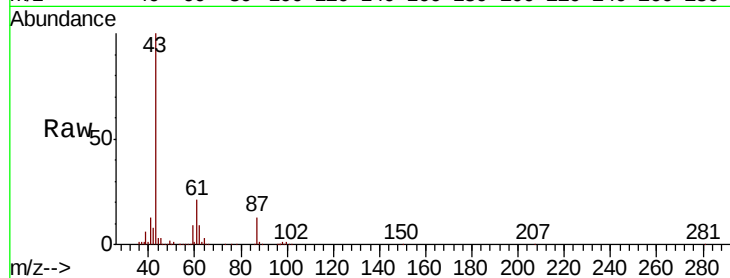
Tot Ion: 43 Resp: 328989

Ion Ratio Lower Upper

43 100

61 28.8 21.8 32.6

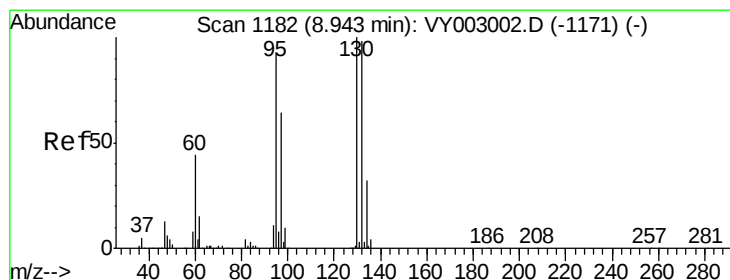
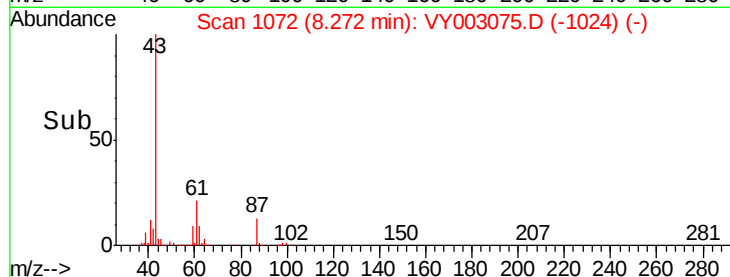
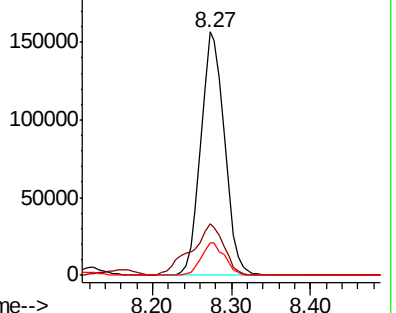
87 13.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003002.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003002.D (-1064) (-)



#44

Trichloroethene

Concen: 51.722 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003075.D

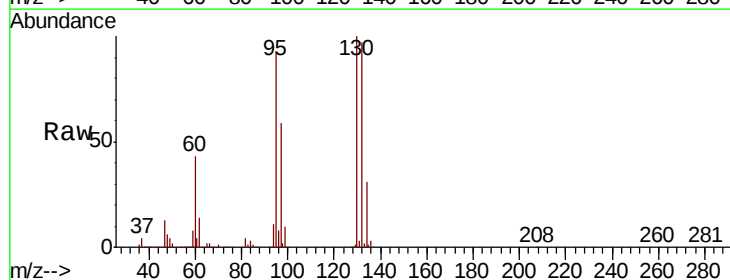
Acq: 02 Jul 2020 10:35

Tgt Ion:130 Resp: 242491

Ion Ratio Lower Upper

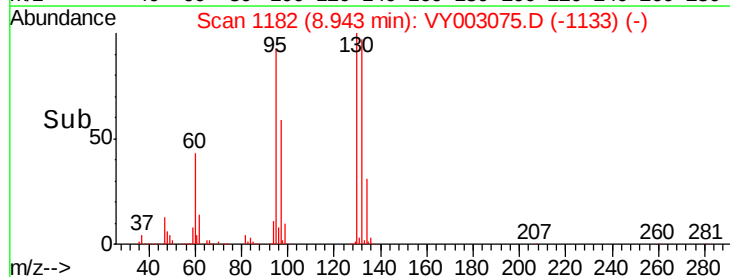
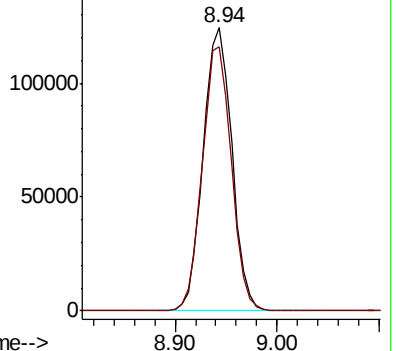
130 100

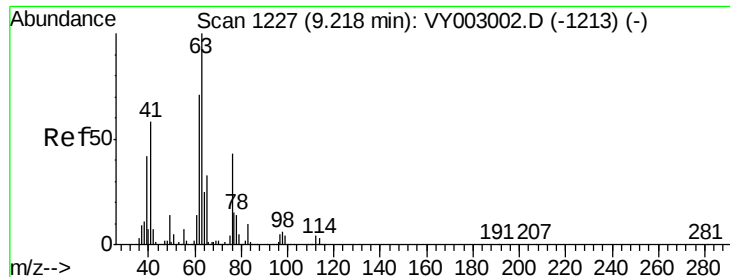
95 93.4 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)





#45

1,2-Dichloropropane

Concen: 50.125 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

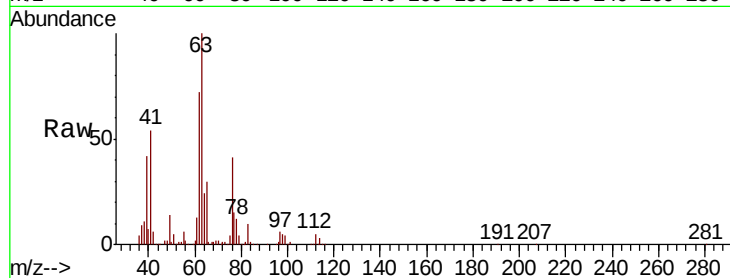
VSTDCCC050

Tot Ion: 63 Resp: 217524

Ion Ratio Lower Upper

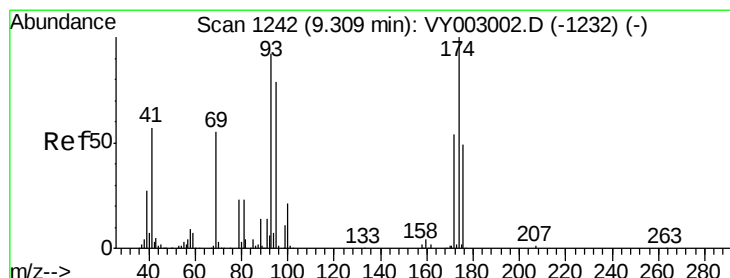
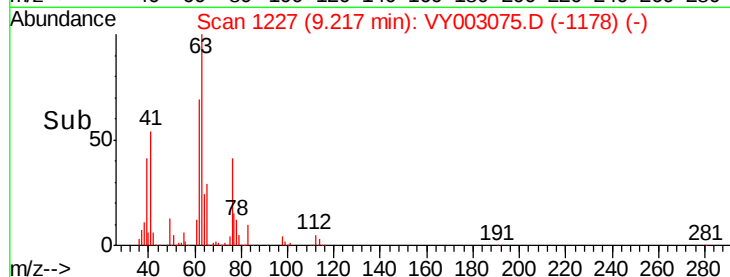
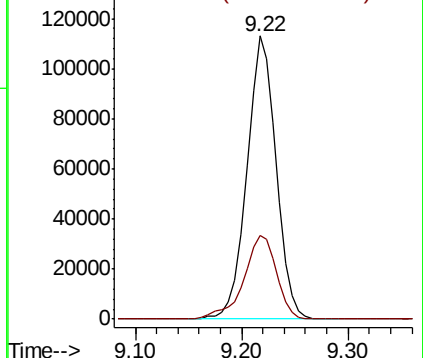
63 100

65 29.5 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.448 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

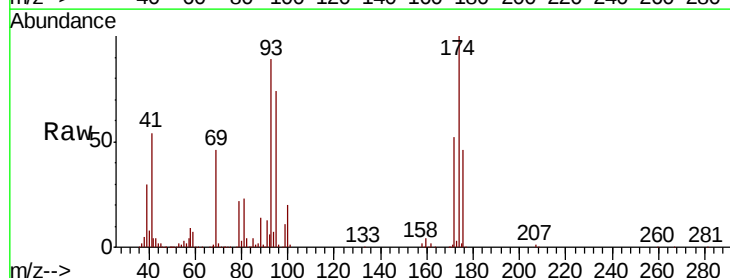
Tgt Ion: 93 Resp: 124698

Ion Ratio Lower Upper

93 100

95 82.2 67.6 101.4

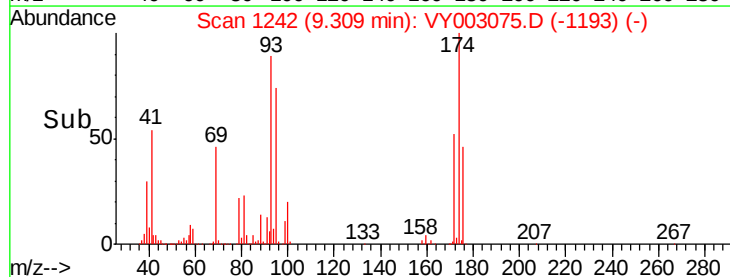
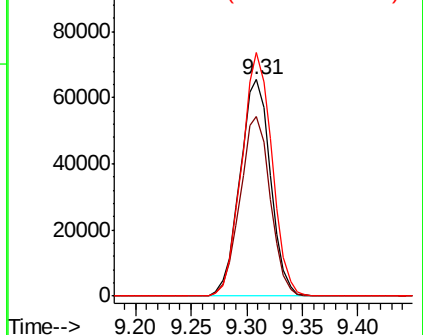
174 111.7 88.3 132.5

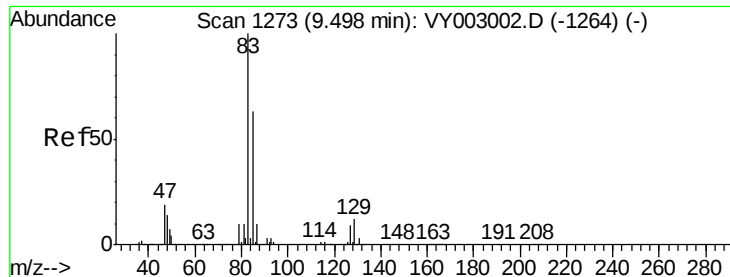


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.051 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

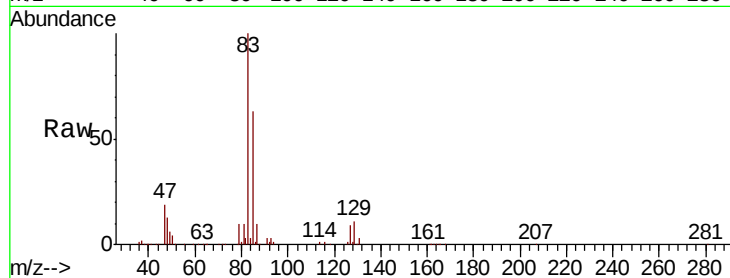
Tot Ion: 83 Resp: 302979

Ion Ratio Lower Upper

83 100

85 62.9 50.5 75.7

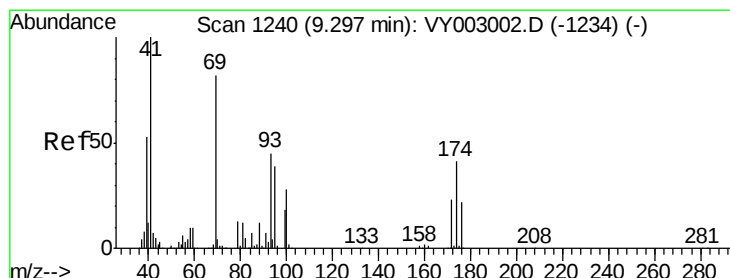
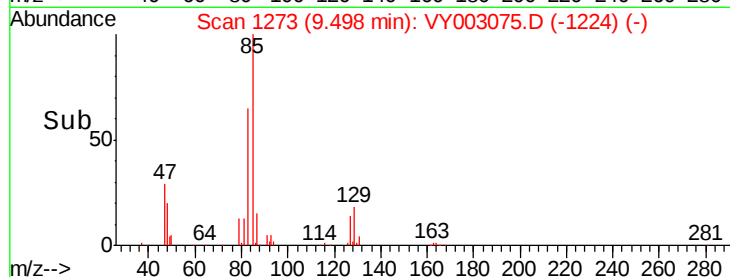
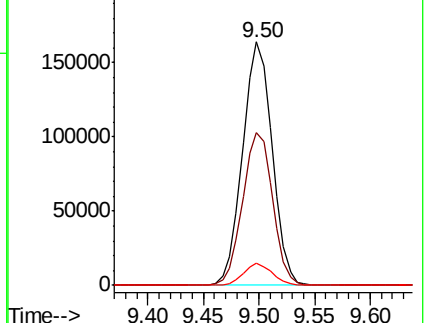
127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 48.075 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

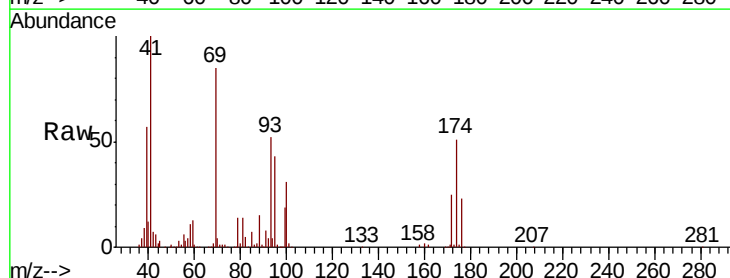
Tgt Ion: 41 Resp: 147366

Ion Ratio Lower Upper

41 100

69 87.2 67.7 101.5

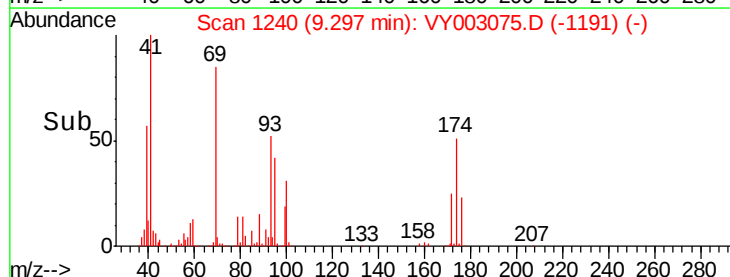
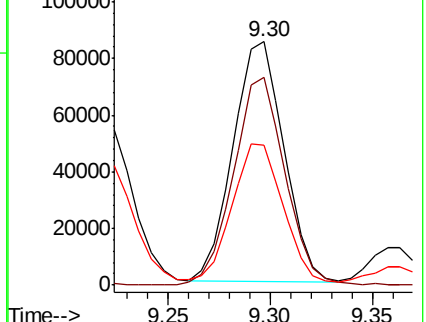
39 57.2 45.0 67.4

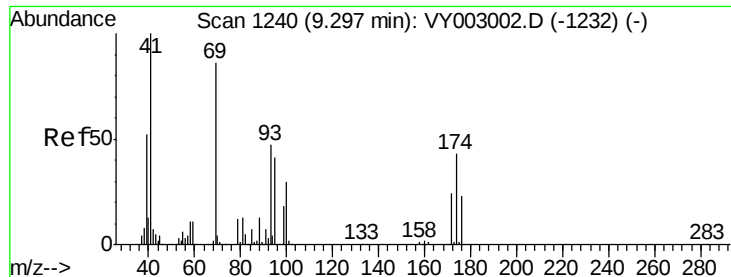


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

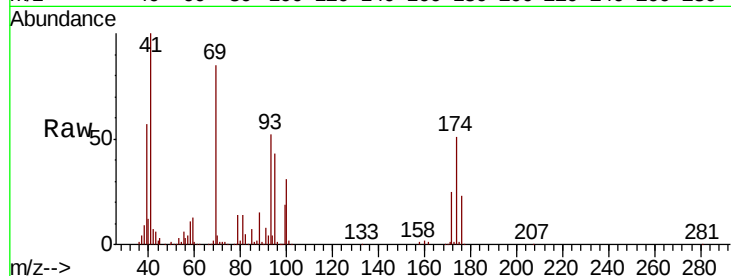




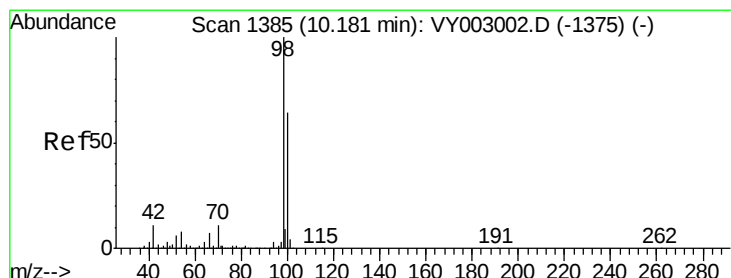
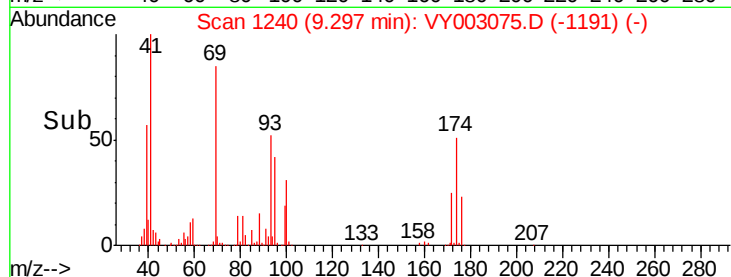
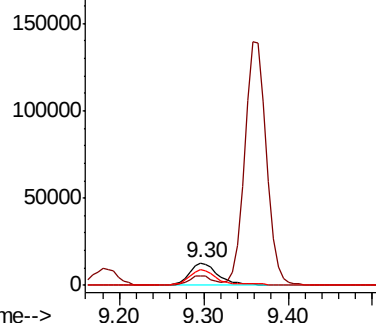
#49
1,4-Dioxane
Concen: 1070.779 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 31681
Ion Ratio Lower Upper
88 100
43 34.7 28.6 42.8
58 63.7 56.7 85.1

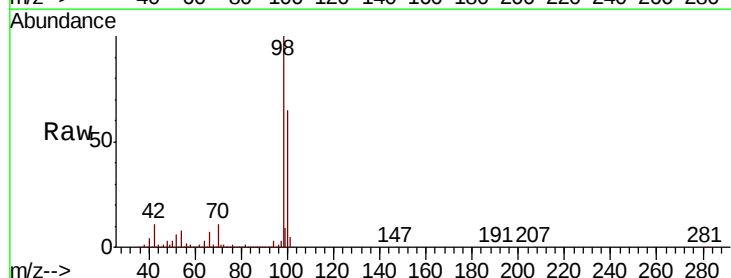


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

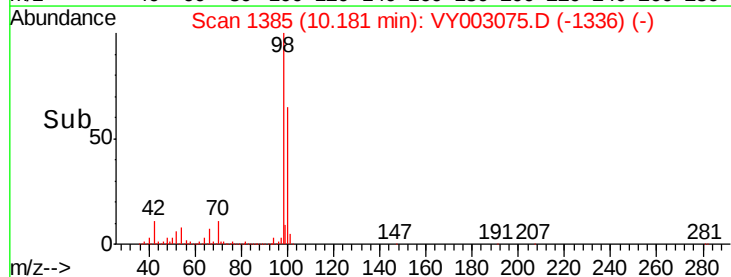
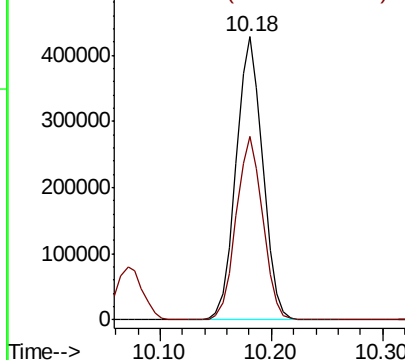


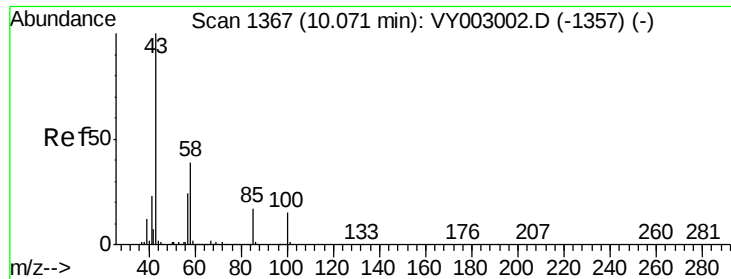
#50
Toluene-d8
Concen: 49.757 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 98 Resp: 707311
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

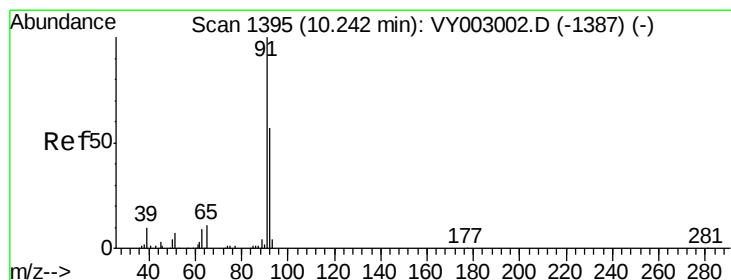
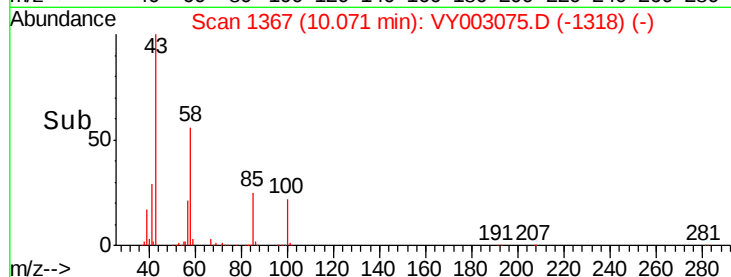
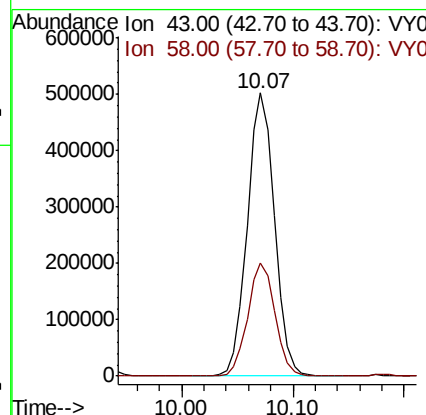
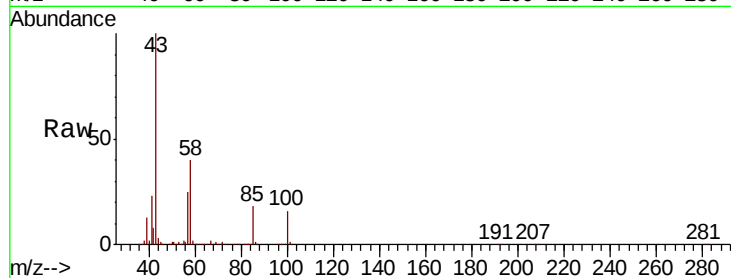




#51
4-Methyl-2-Pentanone
Concen: 244.942 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

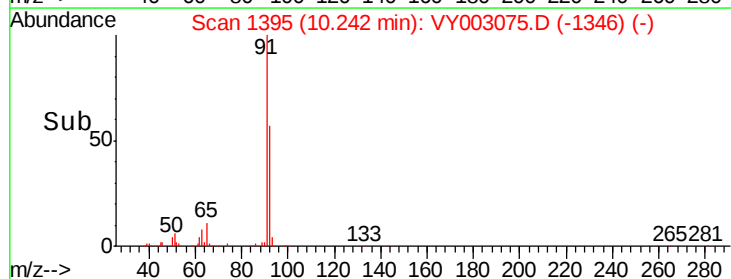
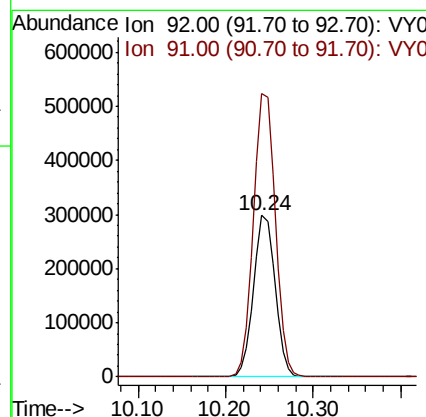
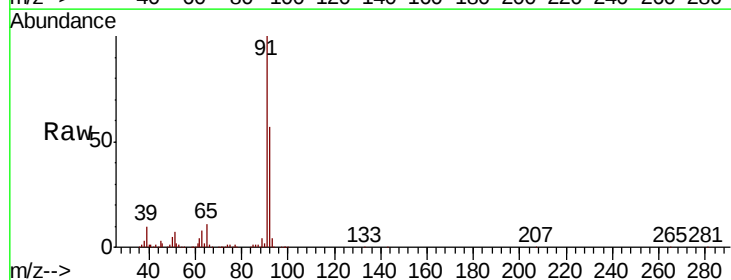
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

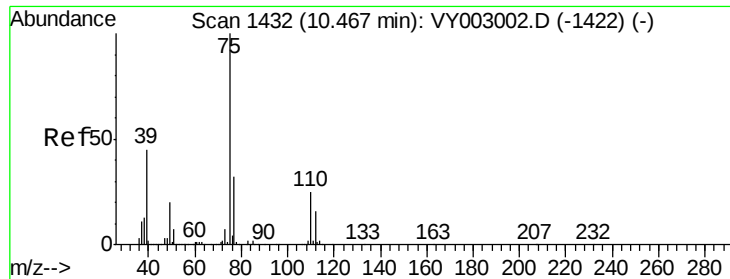
Tot Ion: 43 Resp: 852583
Ion Ratio Lower Upper
43 100
58 40.2 31.1 46.7



#52
Toluene
Concen: 50.355 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 92 Resp: 511312
Ion Ratio Lower Upper
92 100
91 177.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 51.013 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

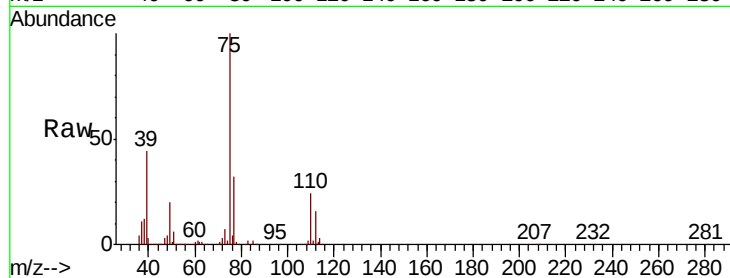
VSTDCCC050

Tot Ion: 75 Resp: 317419

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

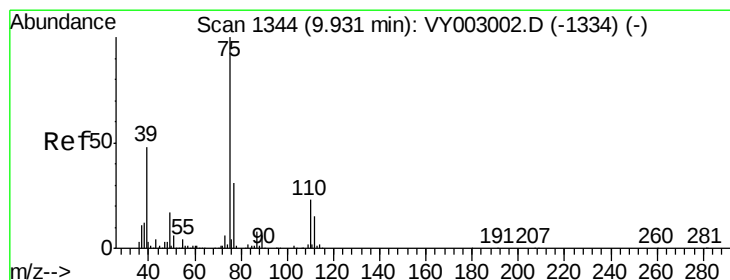
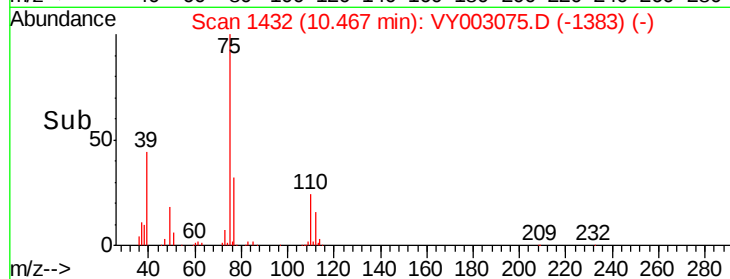
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.922 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

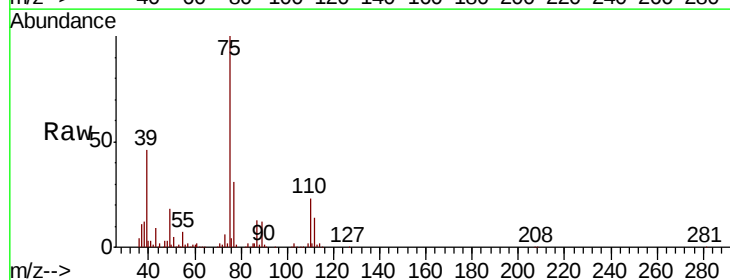
Tgt Ion: 75 Resp: 362374

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 46.0 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

300000

250000

200000

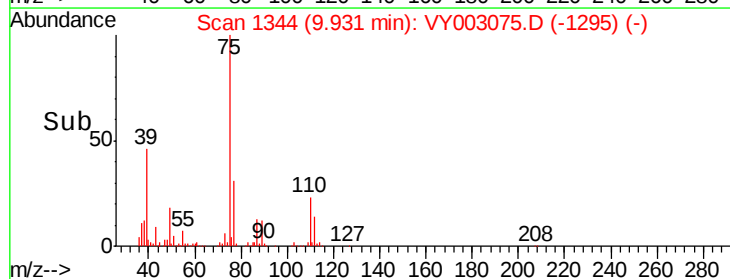
150000

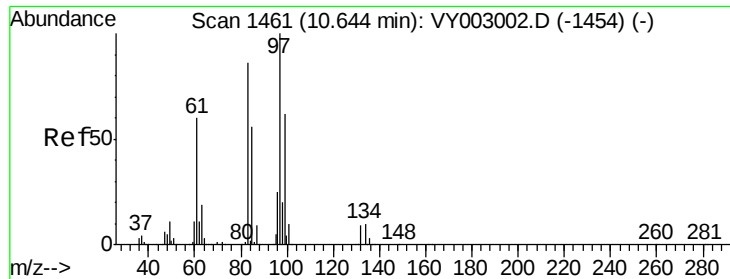
100000

50000

0

Time-->

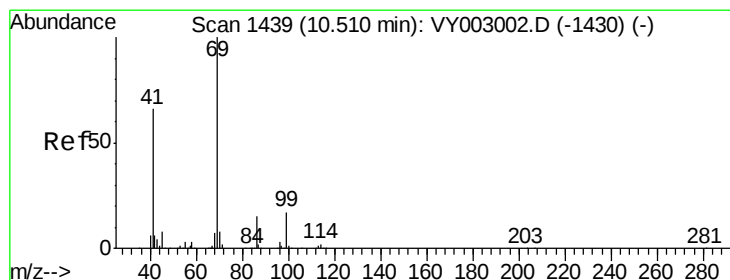
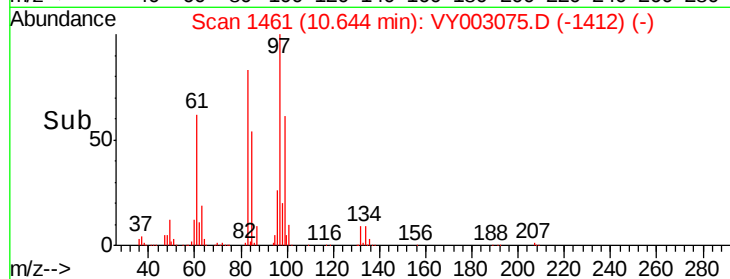
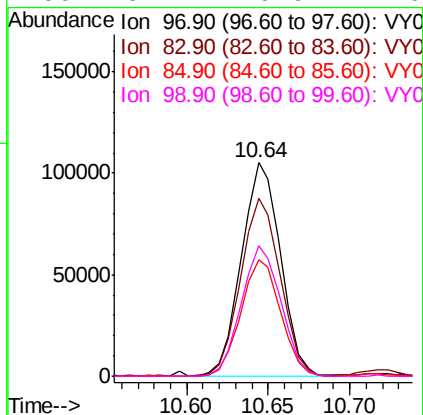
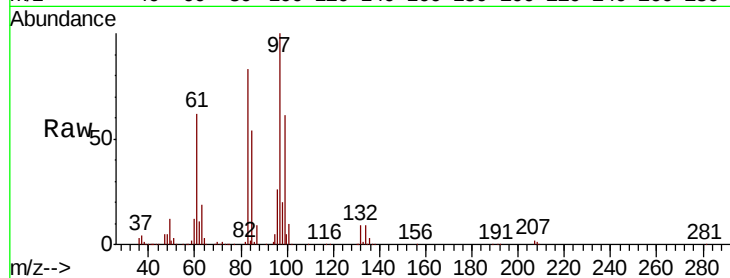




#55
 1,1,2-Trichloroethane
 Concen: 52.004 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

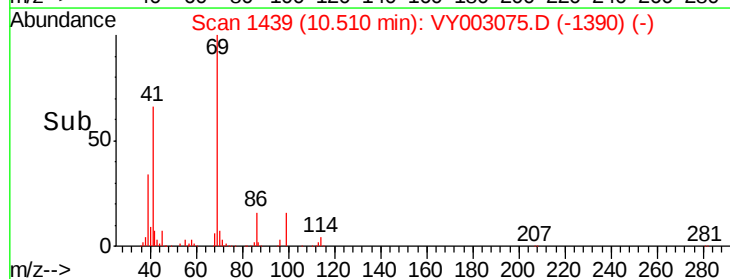
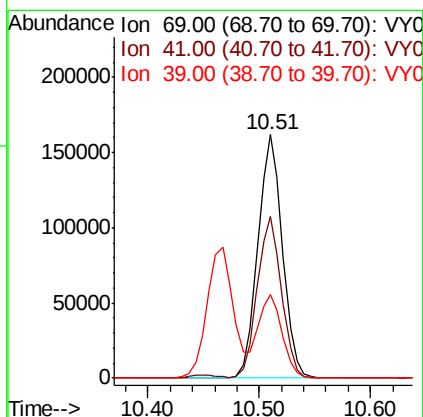
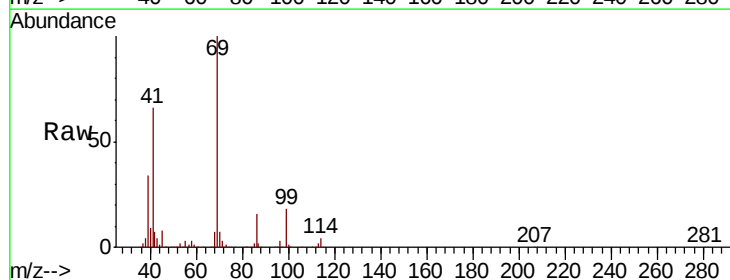
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

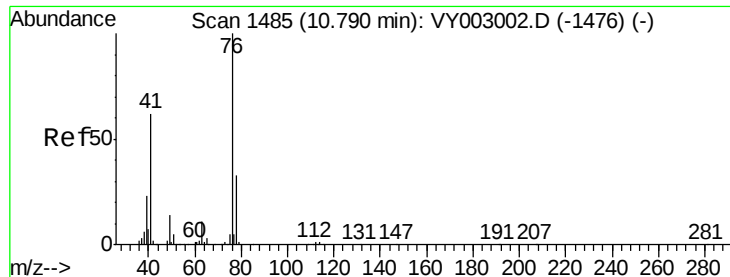
Tot Ion: 97 Resp: 175151
 Ion Ratio Lower Upper
 97 100
 83 83.0 69.0 103.6
 85 54.4 44.8 67.2
 99 61.2 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 51.019 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 69 Resp: 248740
 Ion Ratio Lower Upper
 69 100
 41 65.3 53.7 80.5
 39 32.5 28.3 42.5





#57

1,3-Dichloropropane

Concen: 50.505 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

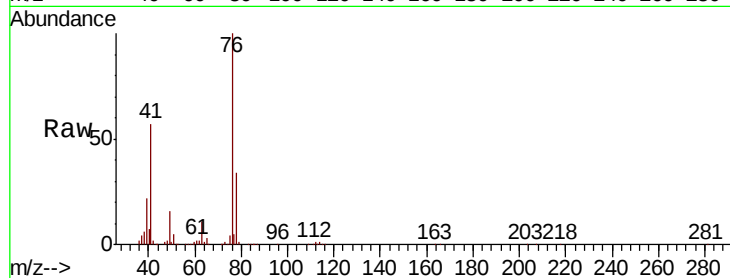
VSTDCCC050

Tot Ion: 76 Resp: 298621

Ion Ratio Lower Upper

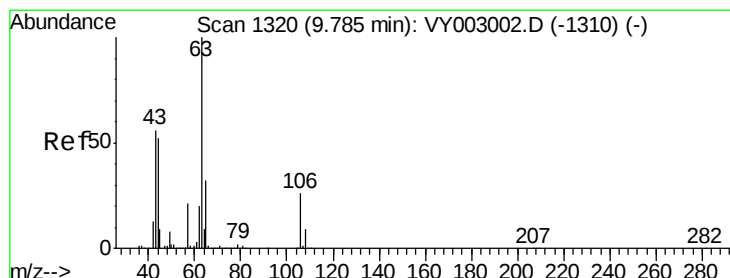
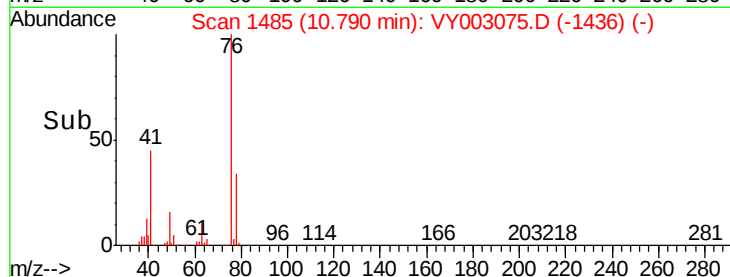
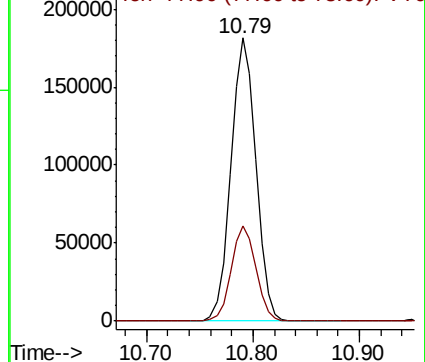
76 100

78 33.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 264.470 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003075.D

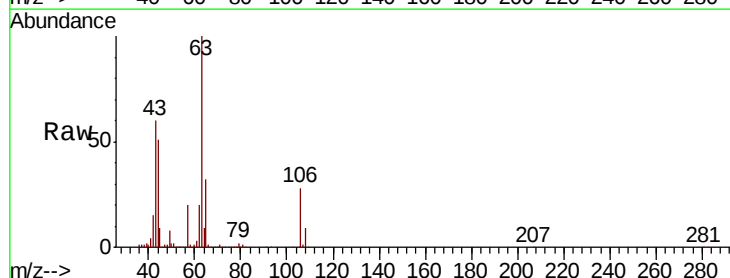
Acq: 02 Jul 2020 10:35

Tgt Ion: 63 Resp: 661298

Ion Ratio Lower Upper

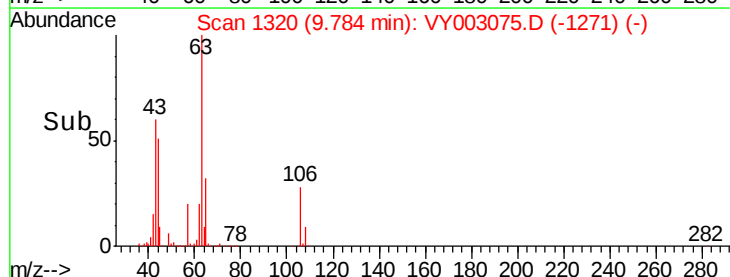
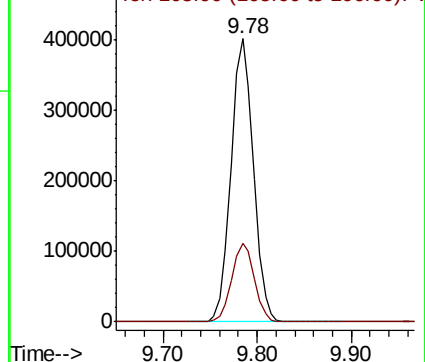
63 100

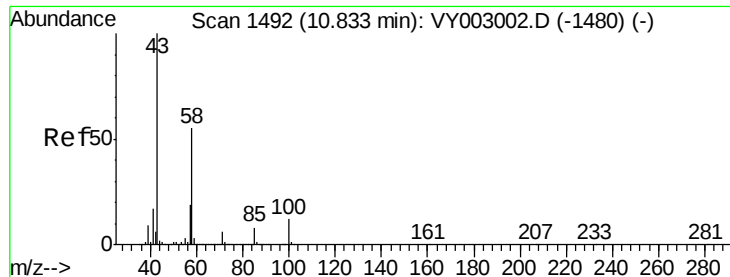
106 27.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

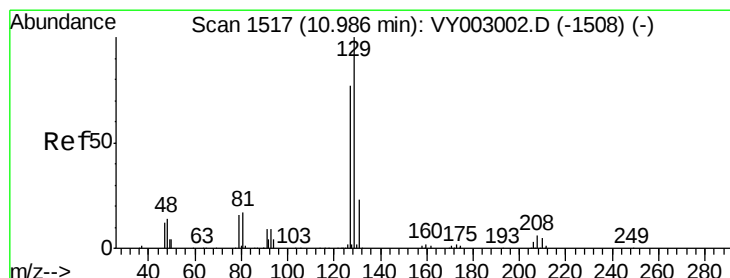
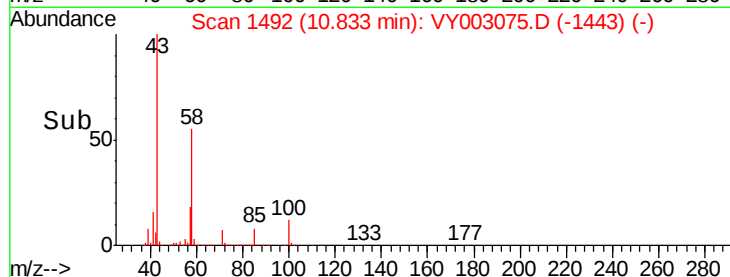
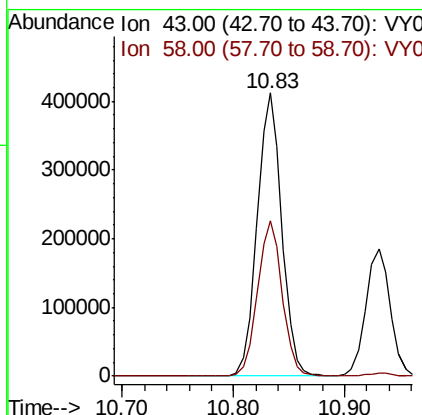
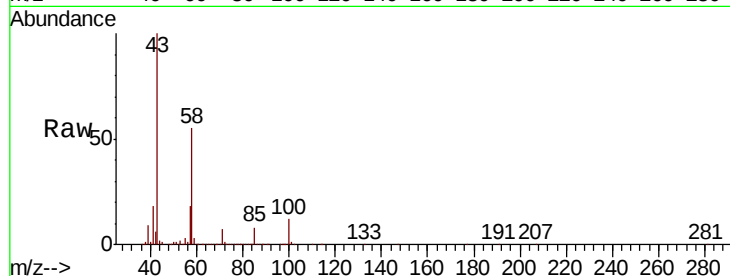




#59
2-Hexanone
Concen: 260.724 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

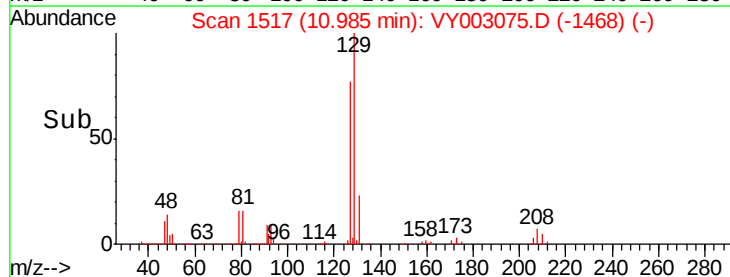
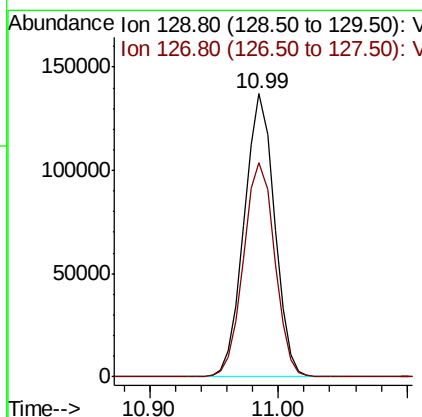
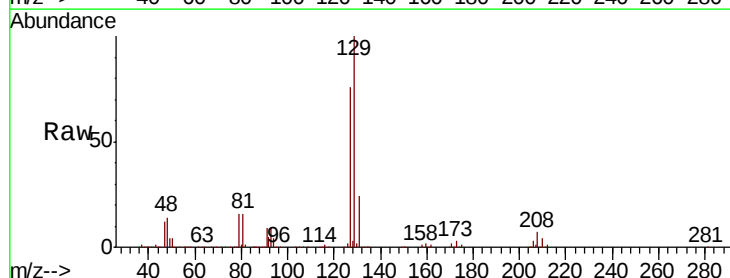
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

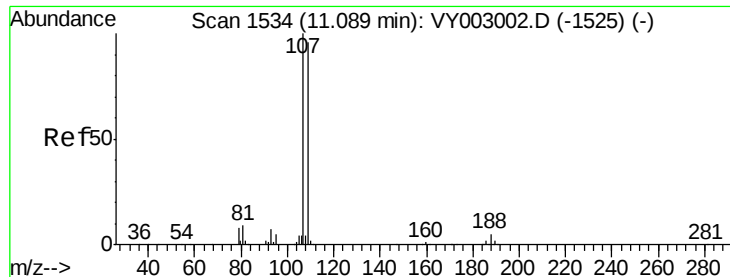
Tot Ion: 43 Resp: 634323
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.4



#60
Dibromochloromethane
Concen: 51.741 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 129 Resp: 223013
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

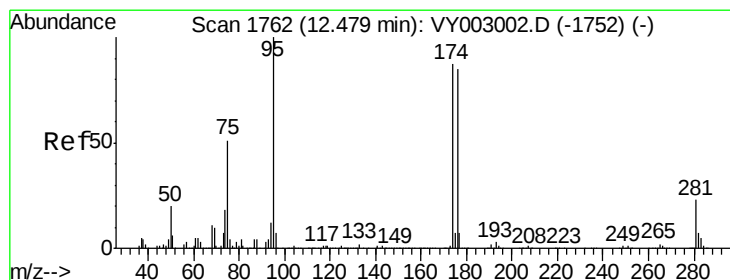
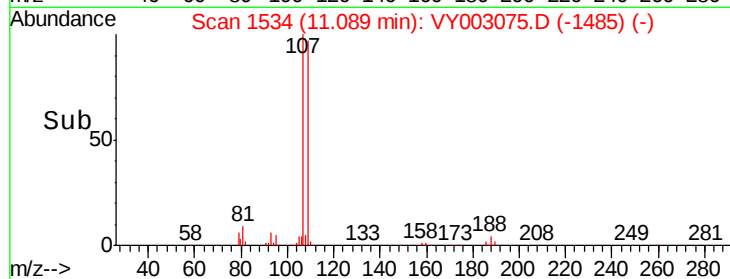
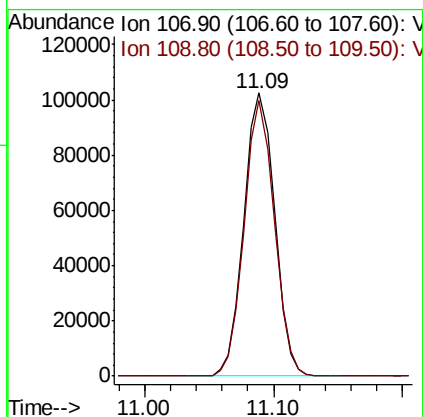
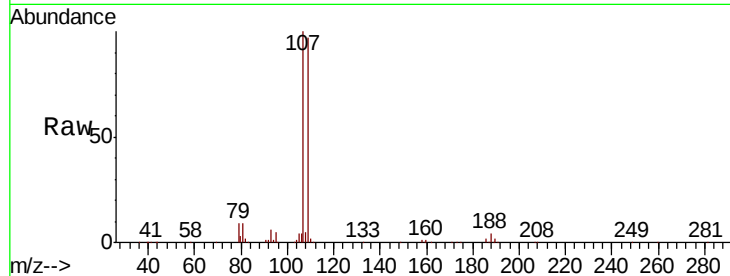




#61
 1,2-Dibromoethane
 Concen: 50.941 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

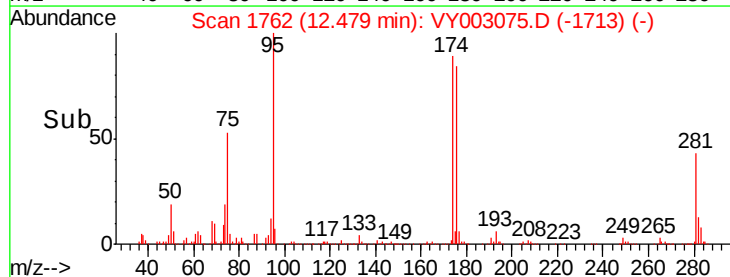
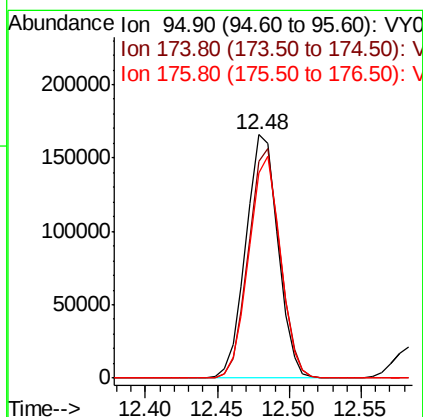
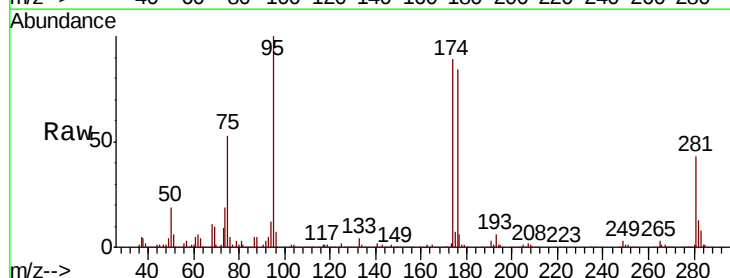
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

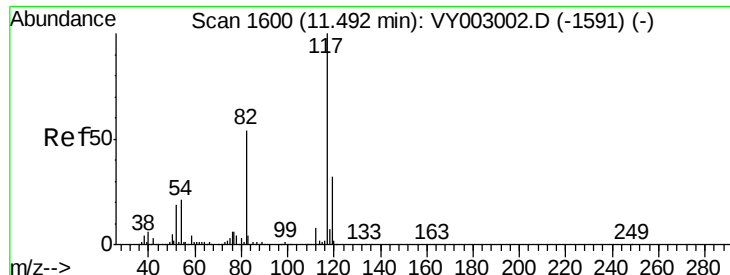
Tot Ion: 107 Resp: 169144
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.117 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion: 95 Resp: 255776
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 184.8
 176 89.6 0.0 183.0

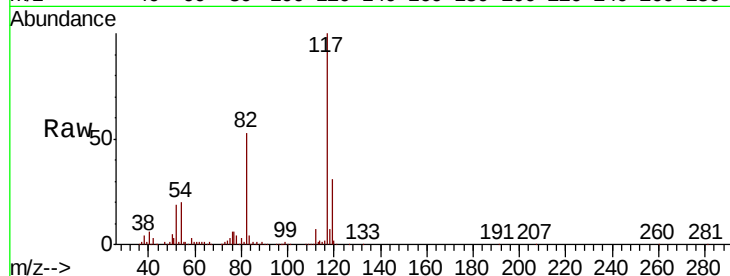




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.6
119	31.4	25.8	38.8

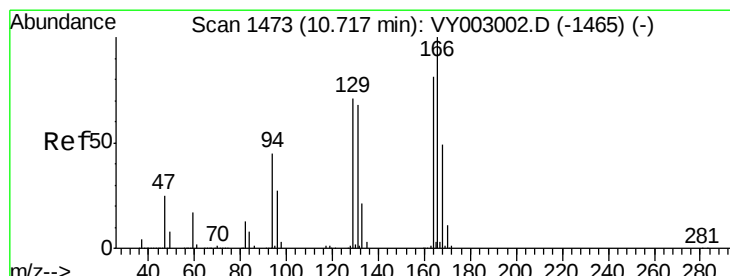
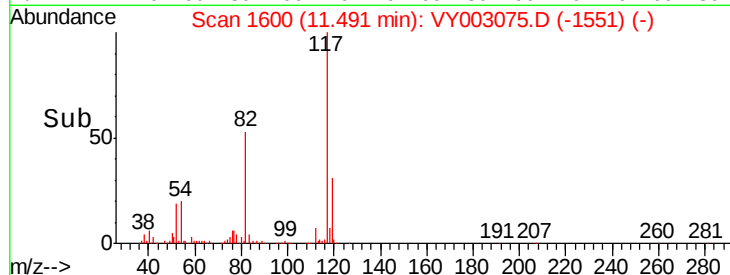
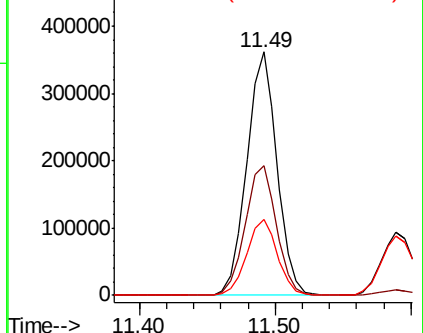


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.568 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	98.5	147.7
129	87.2	69.7	104.5
131	82.7	67.2	100.8

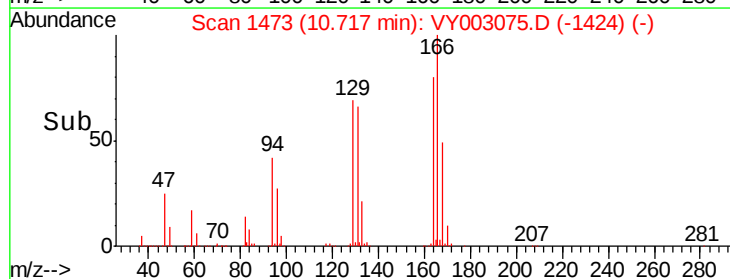
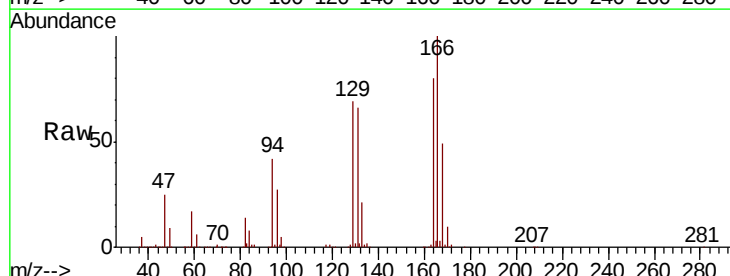
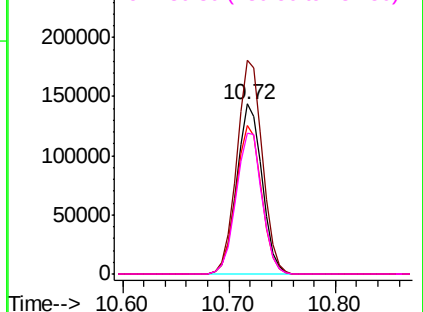
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

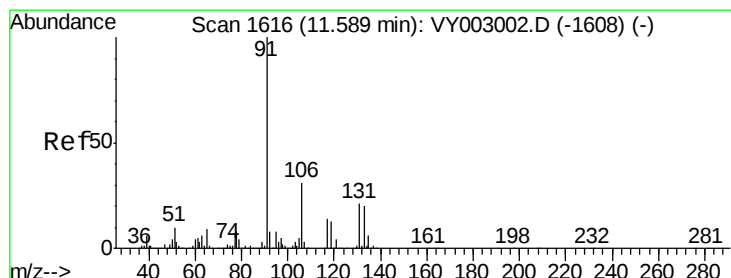
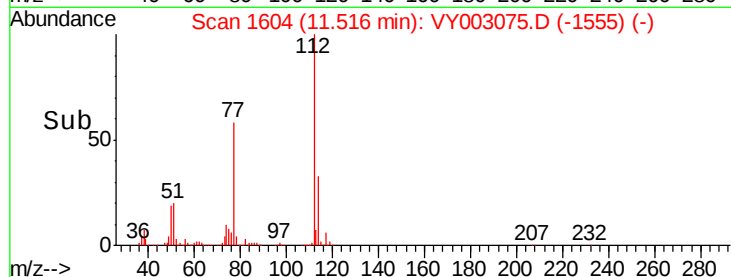
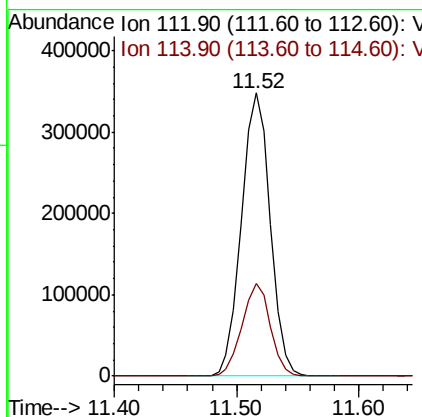
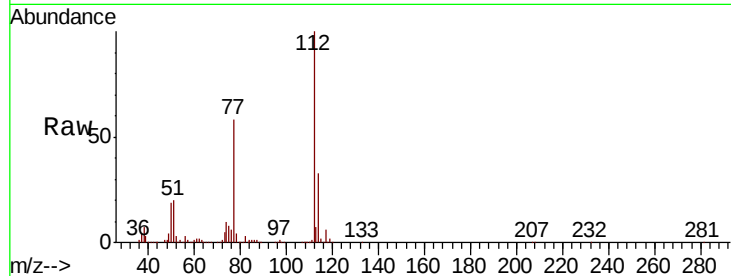




#65
Chlorobenzene
Concen: 51.311 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

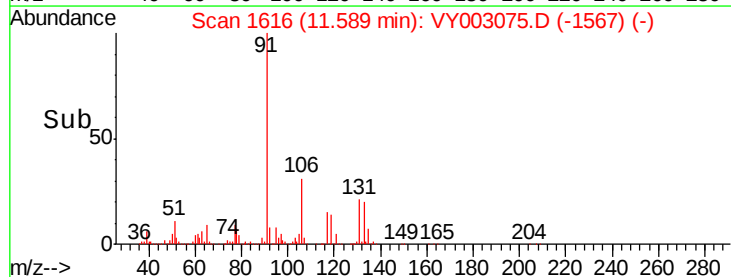
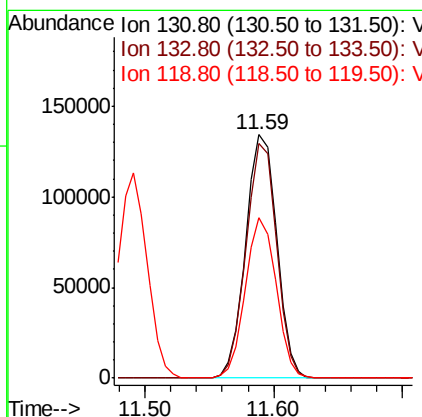
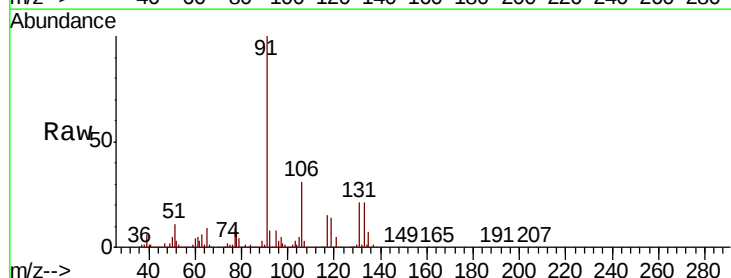
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 568134
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.701 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion:131 Resp: 223498
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 65.3 31.8 95.3

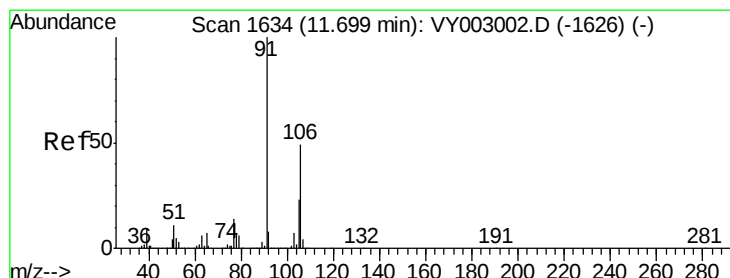
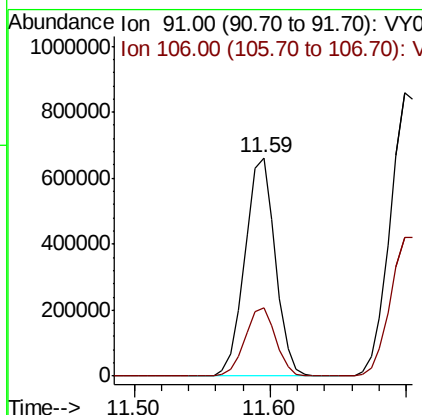
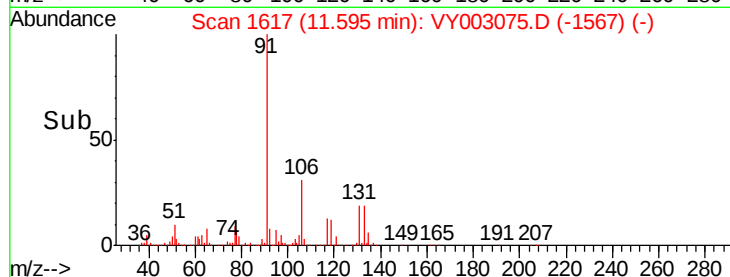
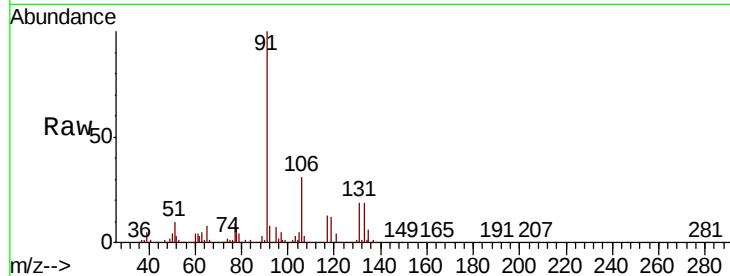




#67
Ethyl Benzene
Concen: 51.109 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

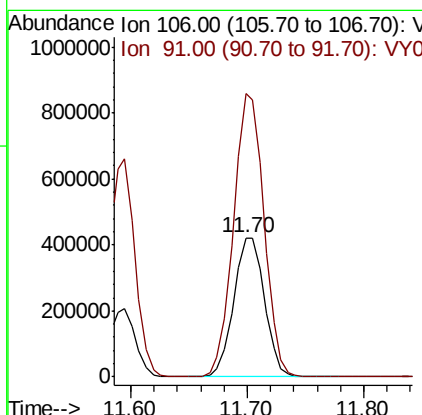
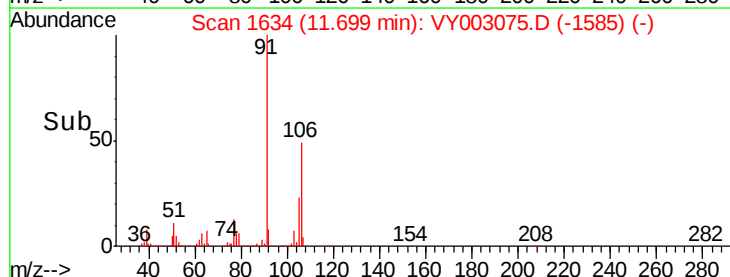
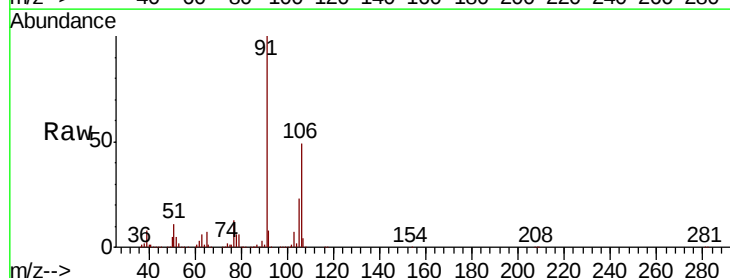
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

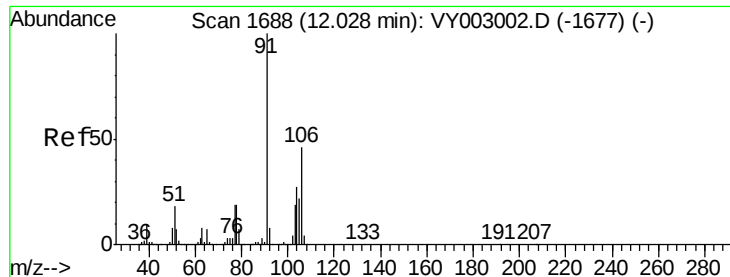
Tot Ion: 91 Resp: 1035274
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 103.063 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 106 Resp: 776988
Ion Ratio Lower Upper
106 100
91 200.9 161.9 242.9

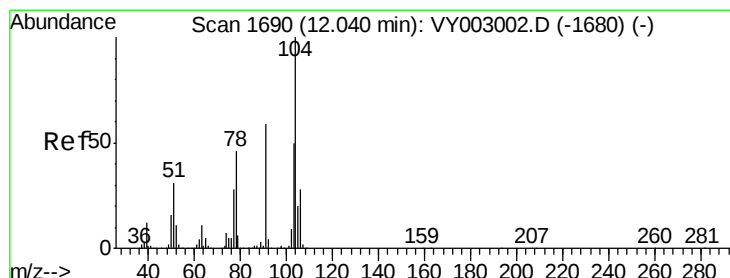
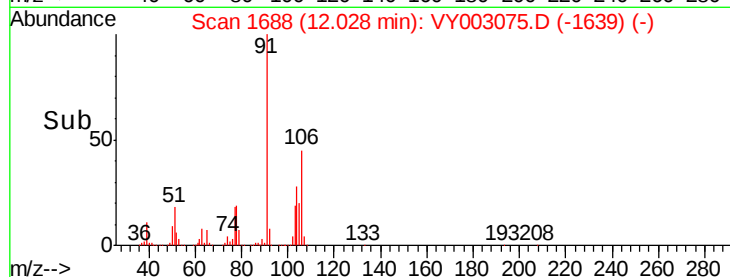
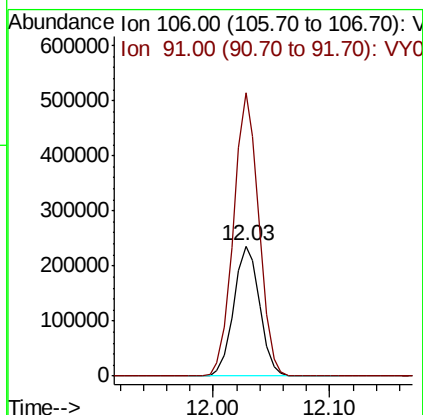
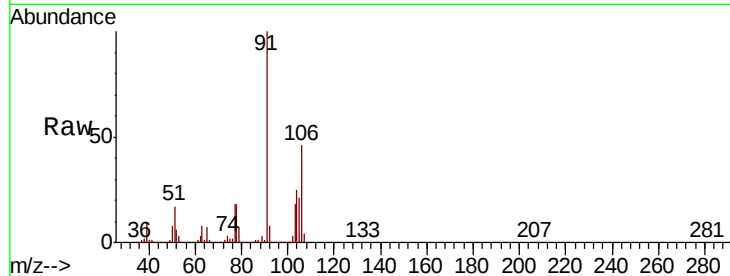




#69
o-Xylene
Concen: 51.358 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

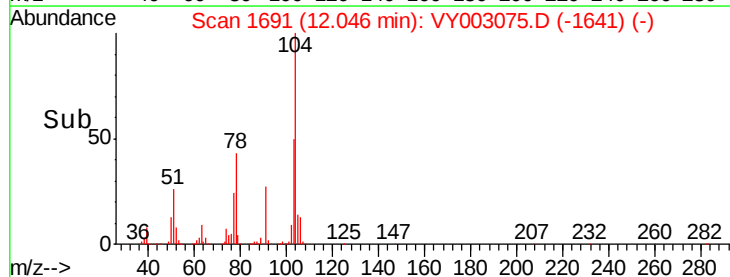
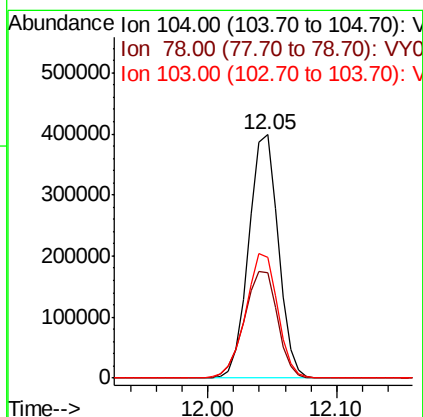
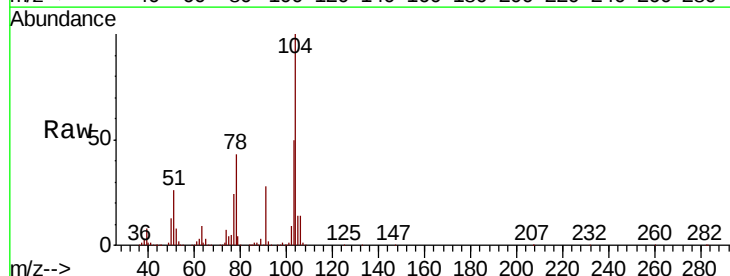
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

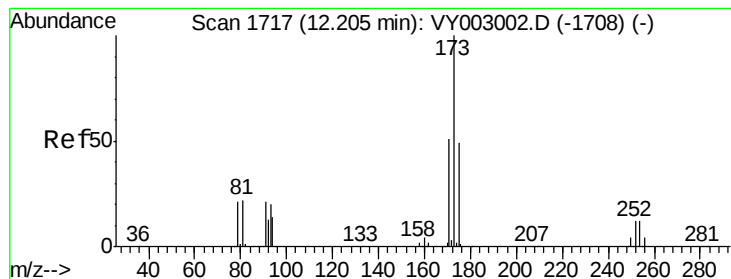
Tot Ion:106 Resp: 364855
Ion Ratio Lower Upper
106 100
91 213.2 107.9 323.8



#70
Styrene
Concen: 51.917 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion:104 Resp: 630097
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.5 44.1 66.1





#71

Bromoform

Concen: 51.667 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

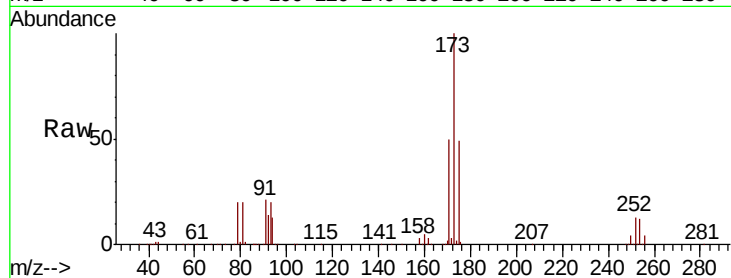
Tot Ion:173 Resp: 148932

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

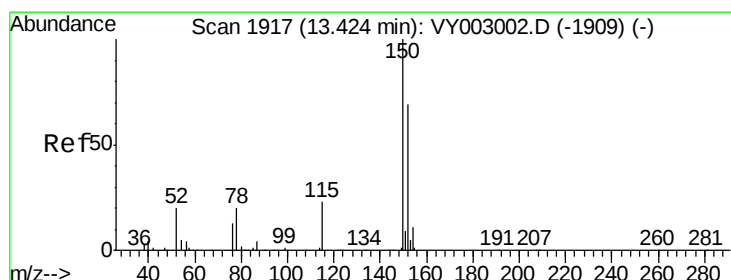
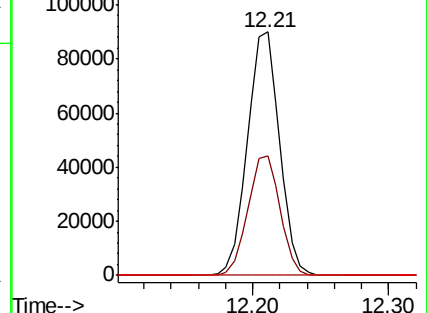
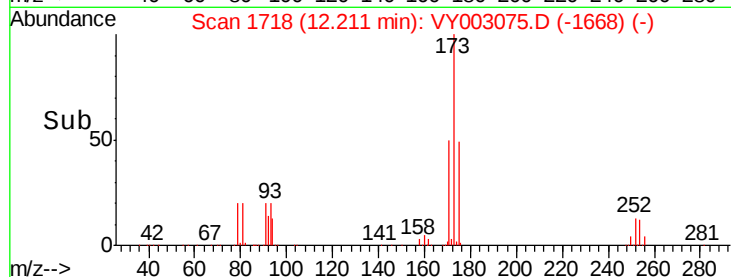
254 0.2 0.2 0.2



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

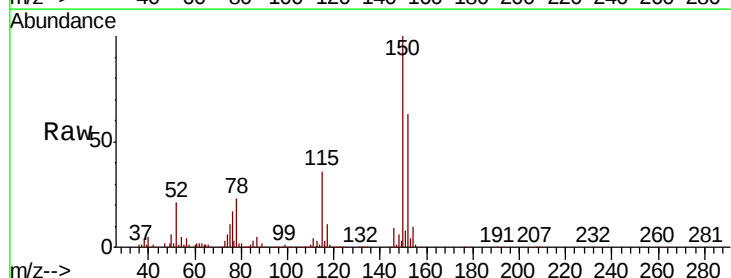
Tgt Ion:152 Resp: 296698

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

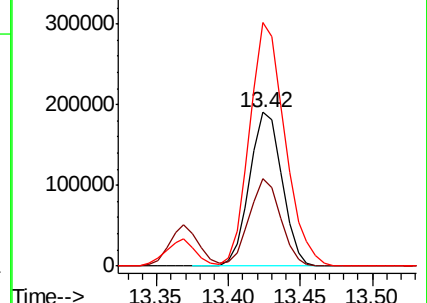
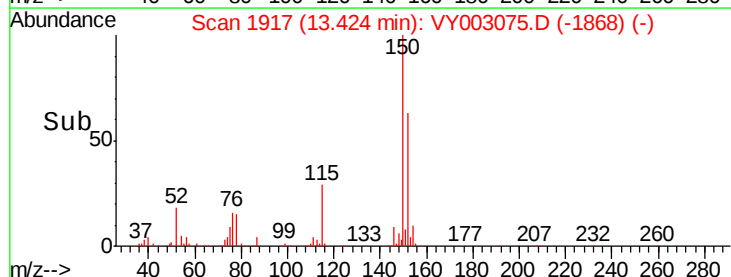
150 171.8 0.0 343.4

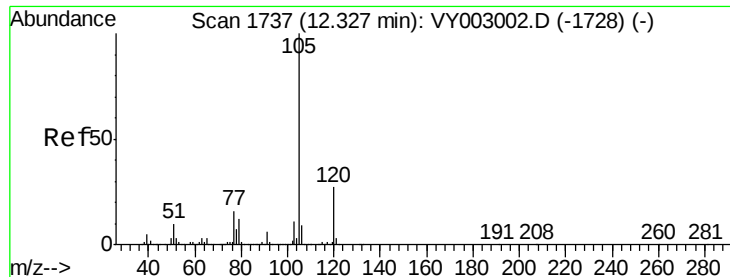


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.282 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

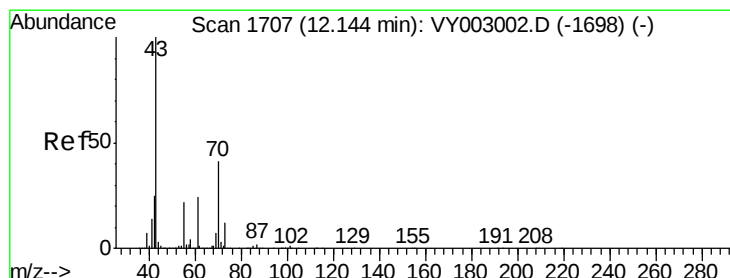
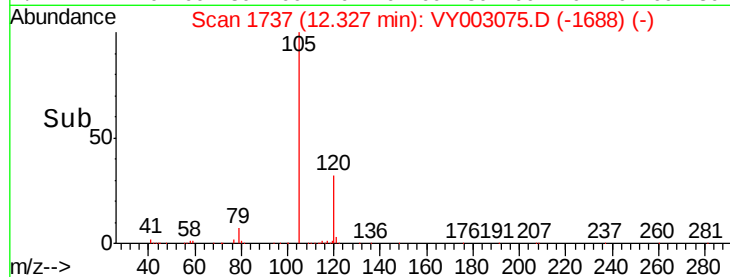
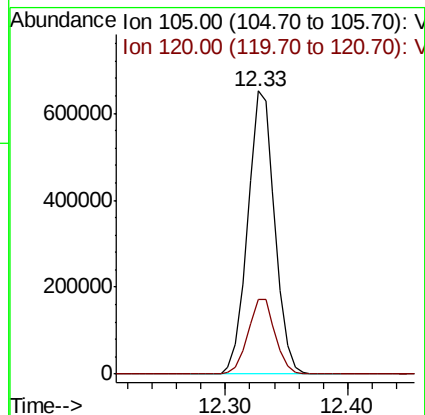
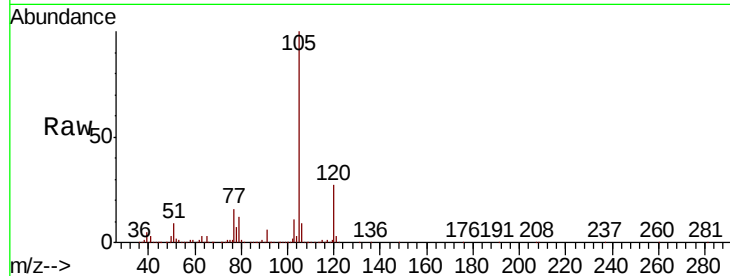
VSTDCCC050

Tot Ion: 105 Resp: 995785

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 49.192 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Tgt Ion: 43 Resp: 310960

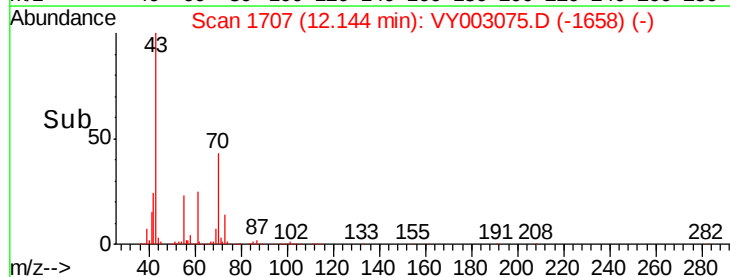
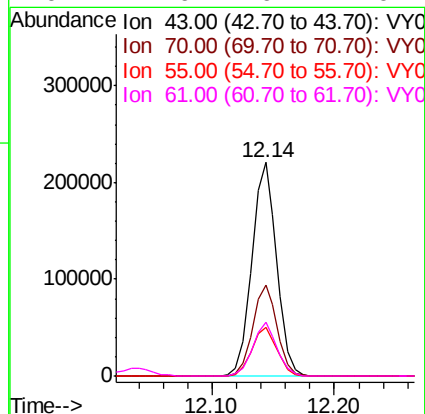
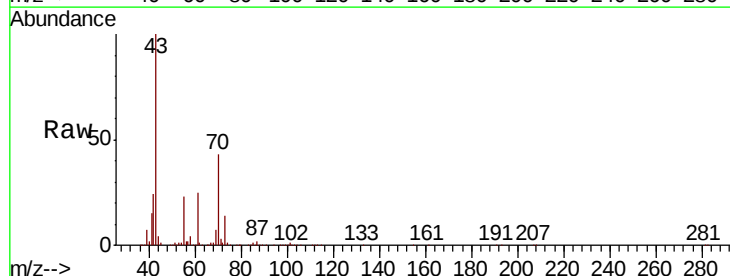
Ion Ratio Lower Upper

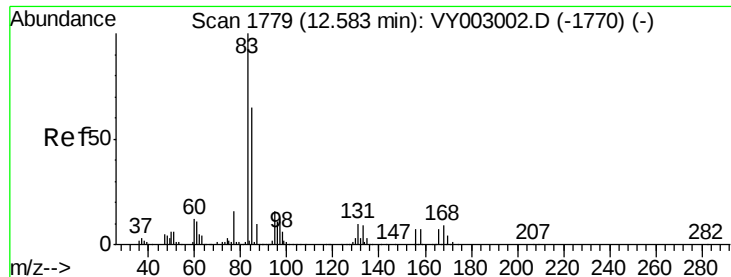
43 100

70 42.2 33.0 49.4

55 23.1 18.2 27.2

61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.921 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

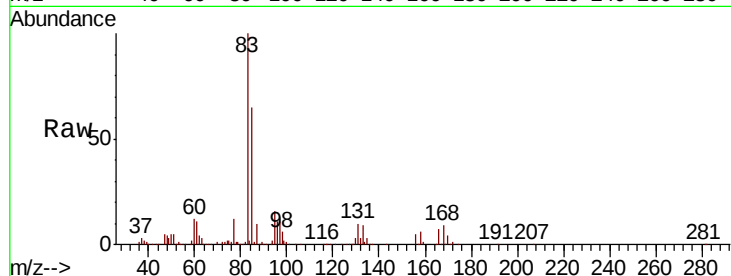
Tot Ion: 83 Resp: 203456

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

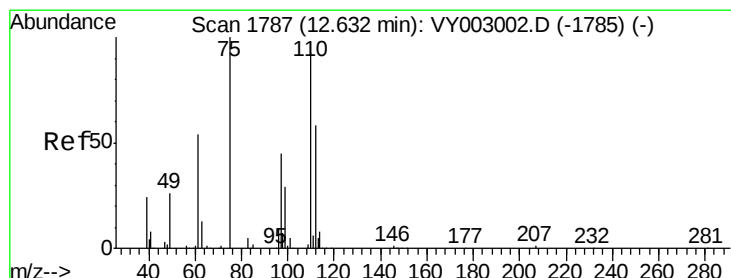
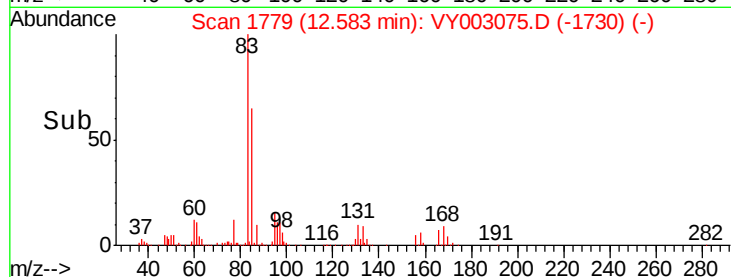
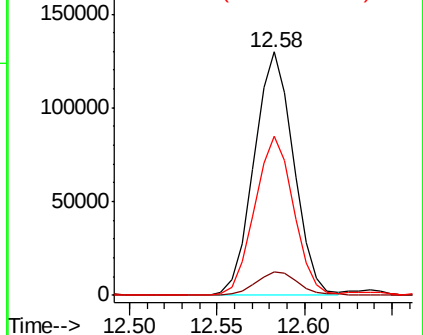
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY003075.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003075.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003075.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 95.205 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003075.D

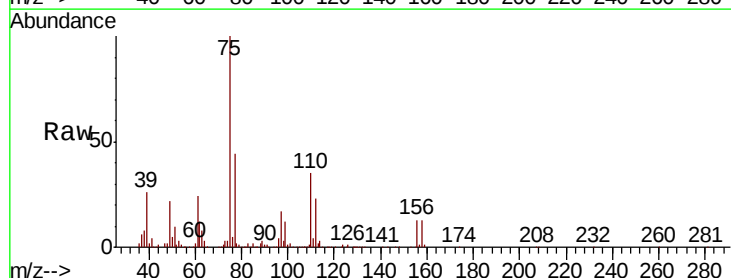
Acq: 02 Jul 2020 10:35

Tgt Ion: 75 Resp: 279559

Ion Ratio Lower Upper

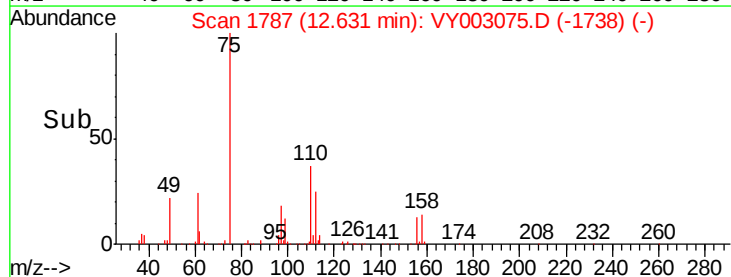
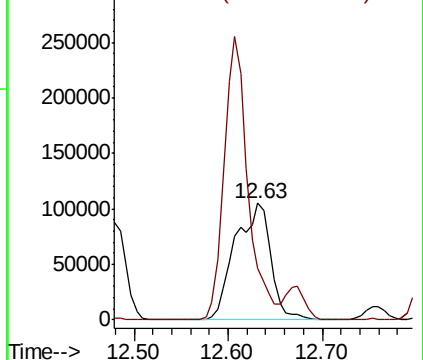
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003075.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003075.D (-1738) (-)





#77

Bromobenzene

Concen: 50.724 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

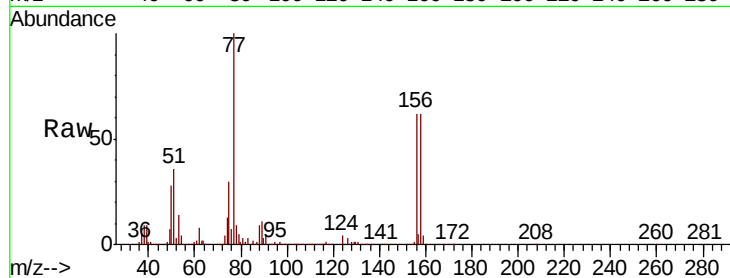
Tot Ion:156 Resp: 252538

Ion Ratio Lower Upper

156 100

77 178.8 90.0 270.0

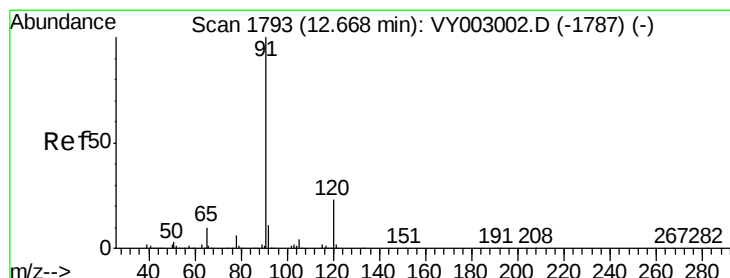
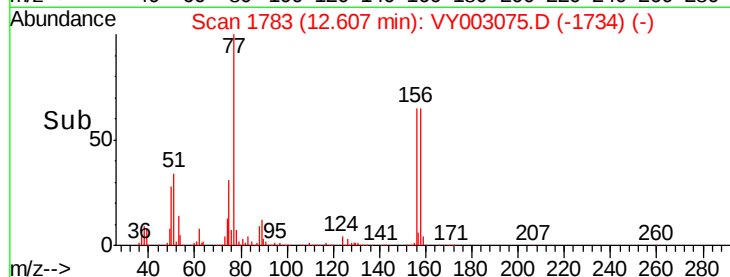
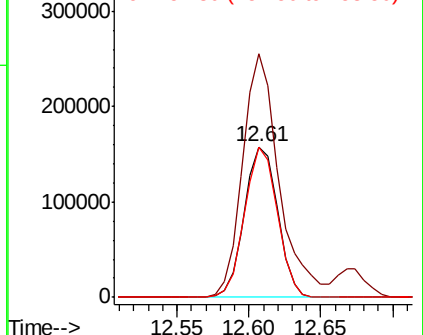
158 97.8 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.274 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003075.D

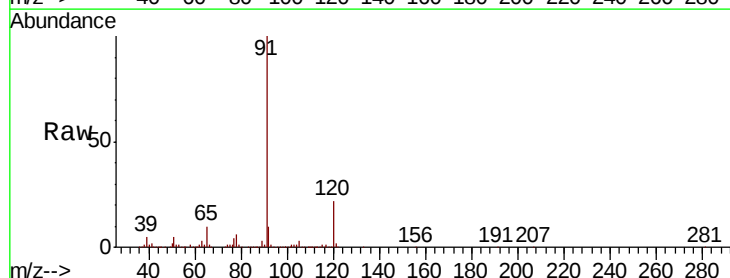
Acq: 02 Jul 2020 10:35

Tgt Ion: 91 Resp: 1197373

Ion Ratio Lower Upper

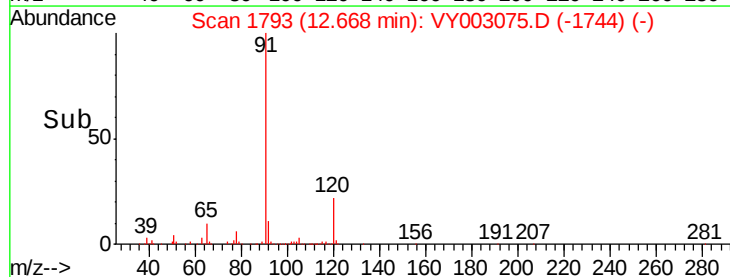
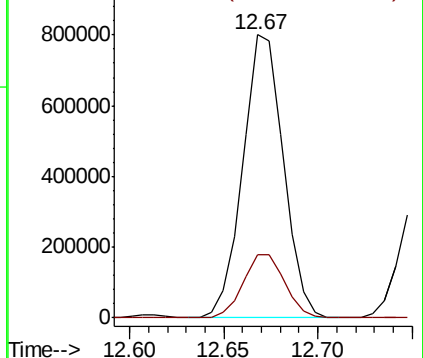
91 100

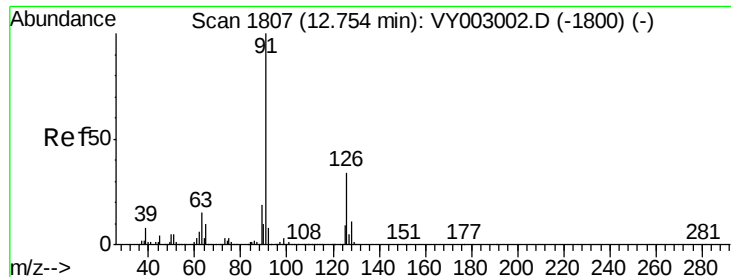
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

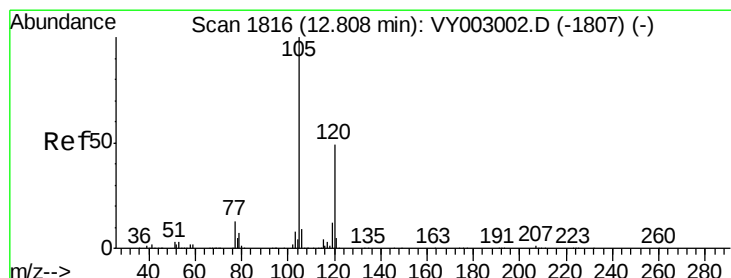
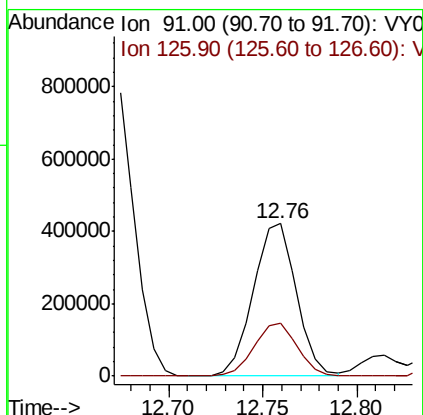
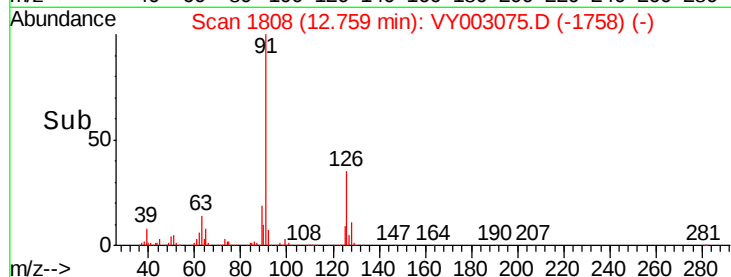
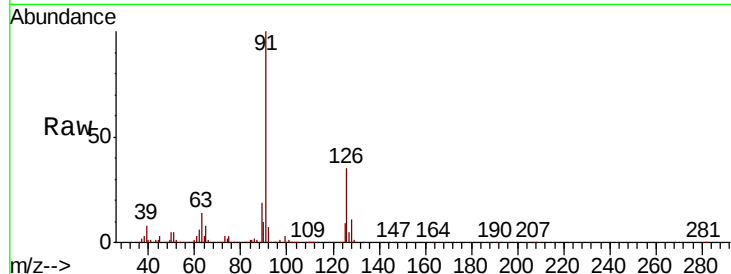




#79
2-Chlorotoluene
Concen: 50.984 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

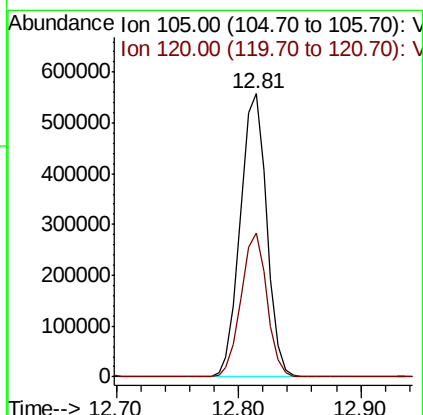
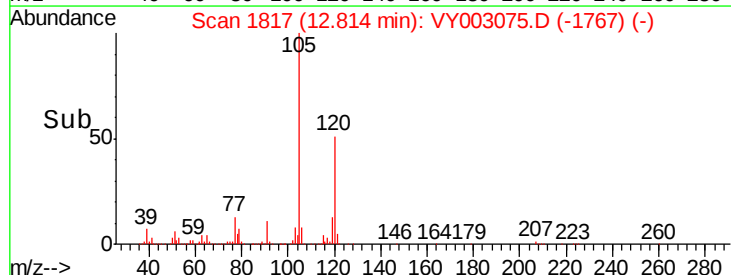
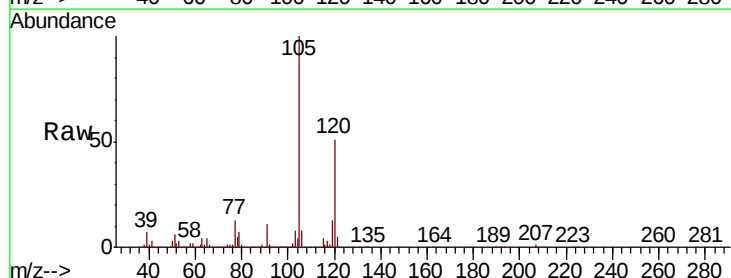
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

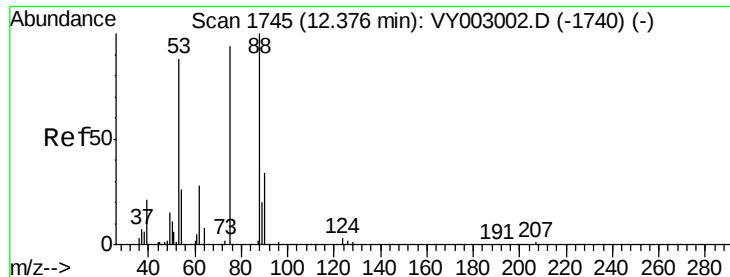
Tot Ion: 91 Resp: 664566
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 51.022 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 105 Resp: 831366
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.836 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

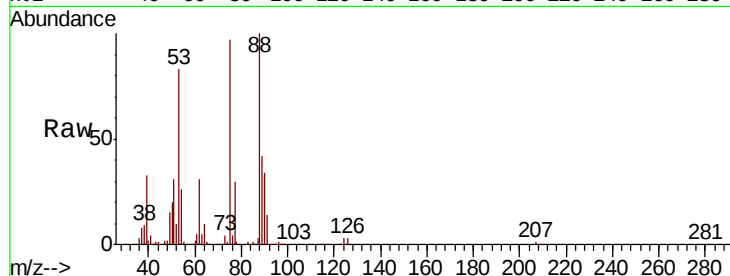
Tot Ion: 75 Resp: 78234

Ion Ratio Lower Upper

75 100

53 87.6 73.9 110.9

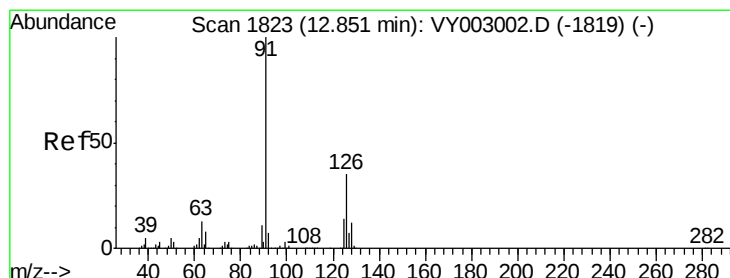
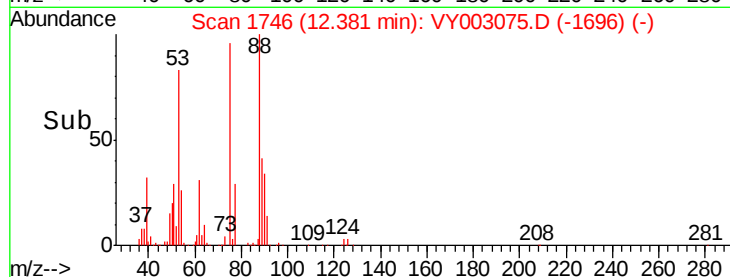
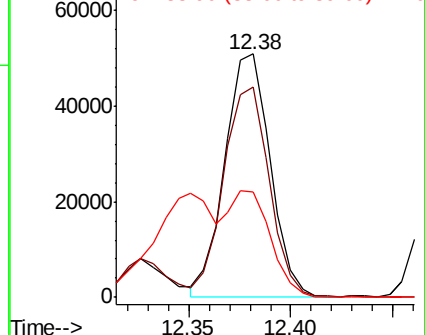
89 41.9 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.385 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003075.D

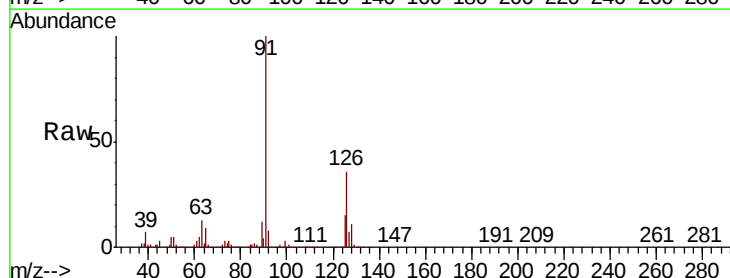
Acq: 02 Jul 2020 10:35

Tgt Ion: 91 Resp: 697355

Ion Ratio Lower Upper

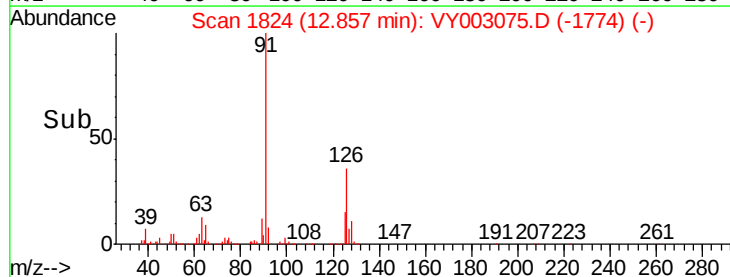
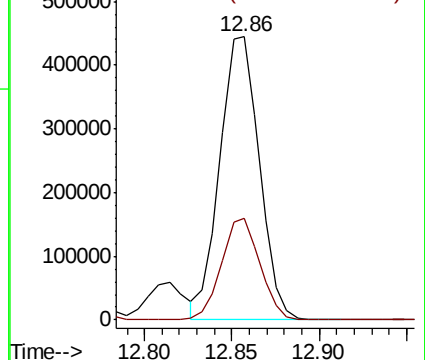
91 100

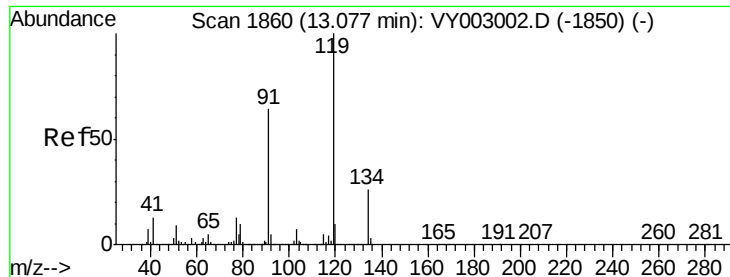
126 34.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.326 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

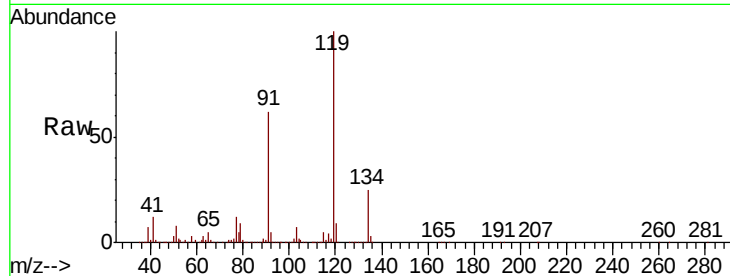
Tot Ion:119 Resp: 734342

Ion Ratio Lower Upper

119 100

91 62.2 31.6 95.0

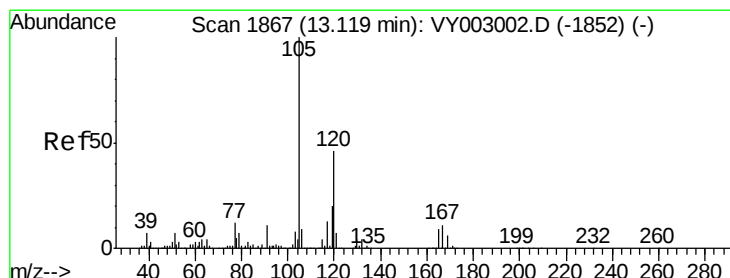
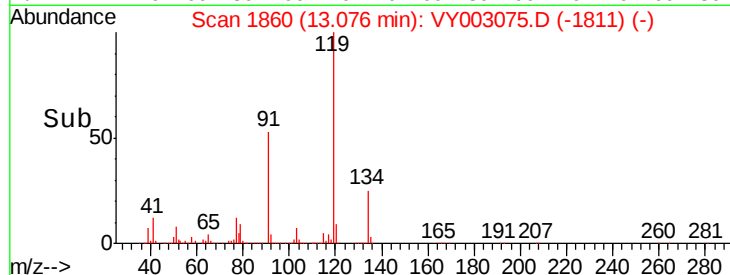
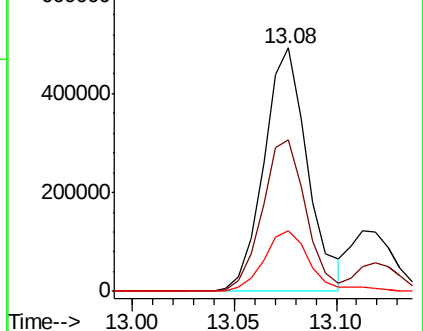
134 26.7 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.197 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003075.D

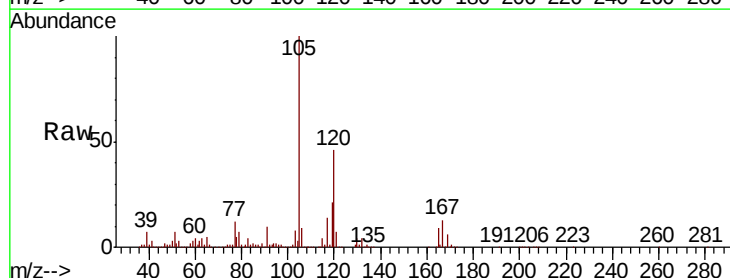
Acq: 02 Jul 2020 10:35

Tgt Ion:105 Resp: 840598

Ion Ratio Lower Upper

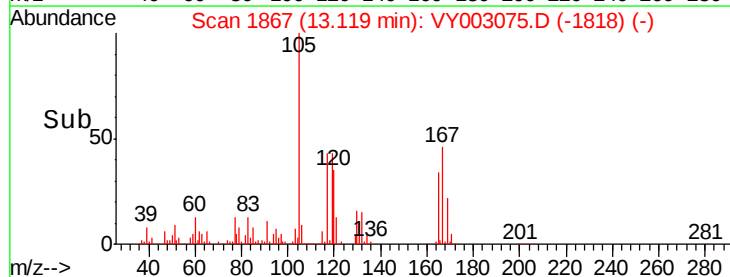
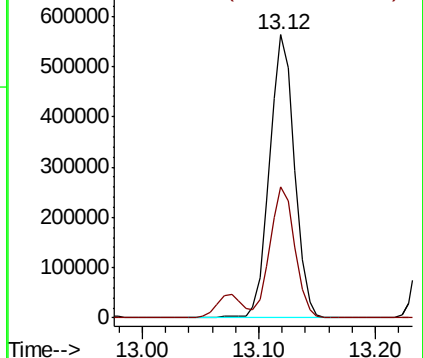
105 100

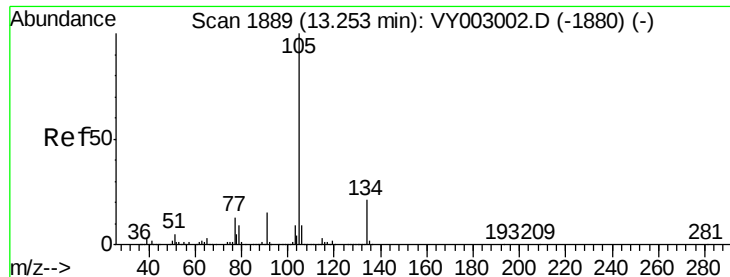
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.419 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

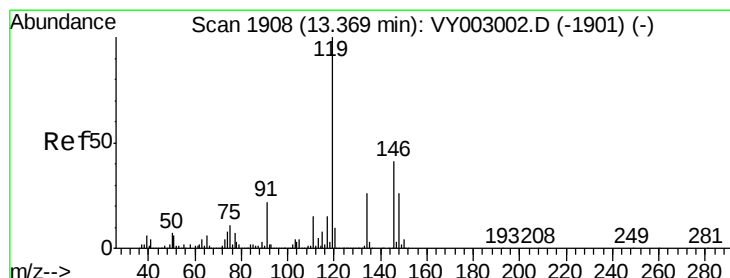
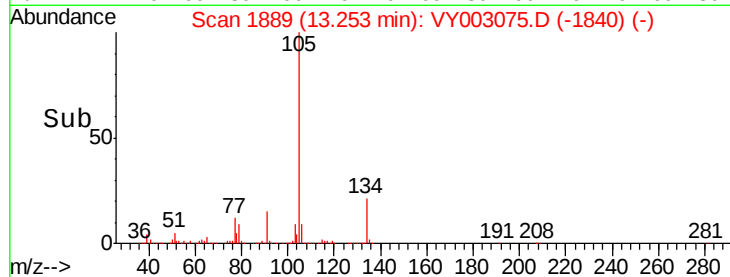
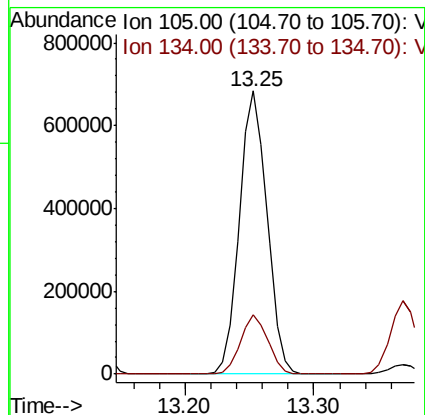
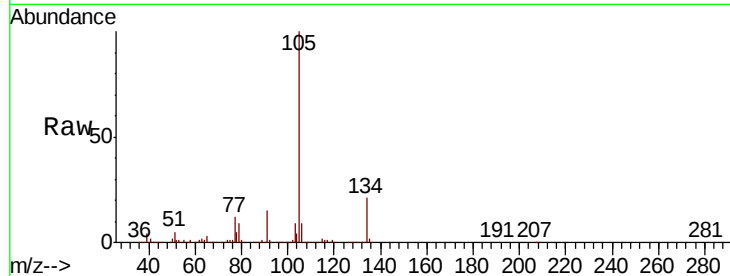
VSTDCCC050

Tot Ion:105 Resp: 1014021

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 51.731 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

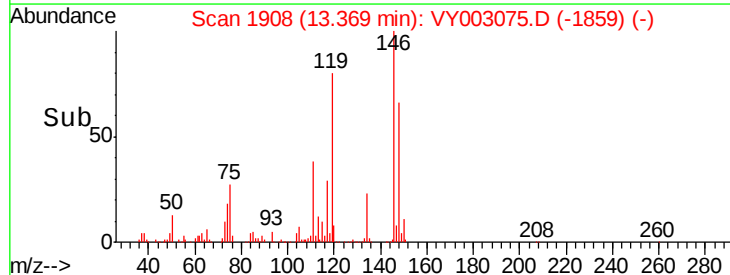
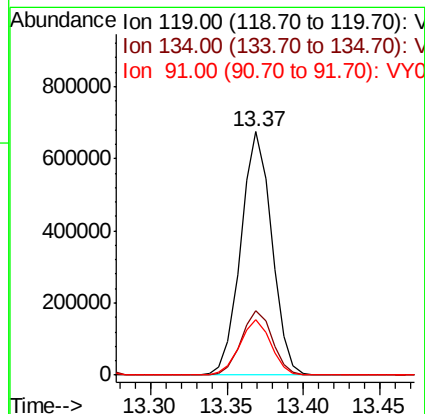
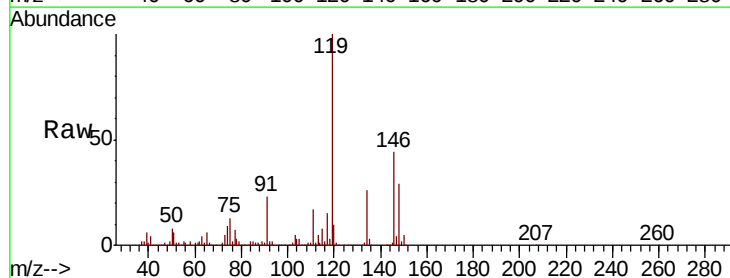
Tgt Ion:119 Resp: 945303

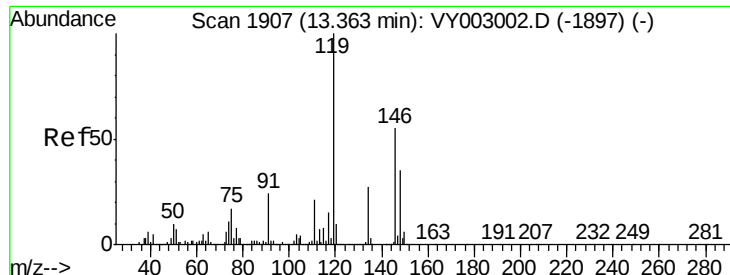
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.7 11.5 34.5

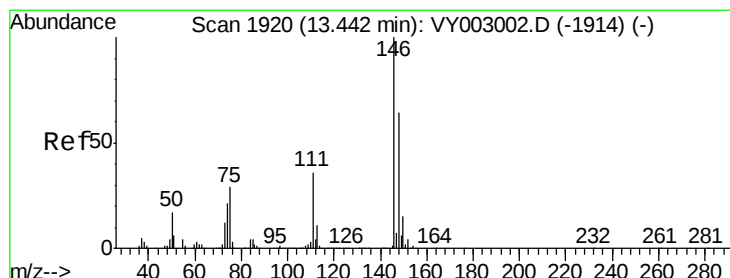
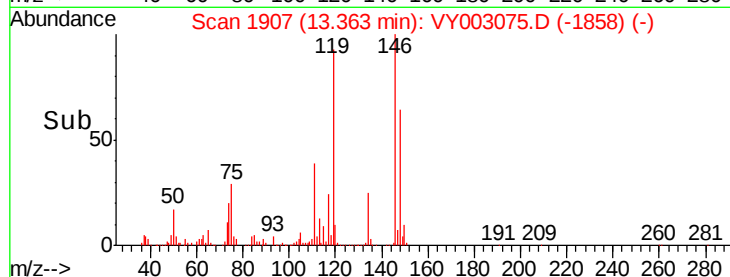
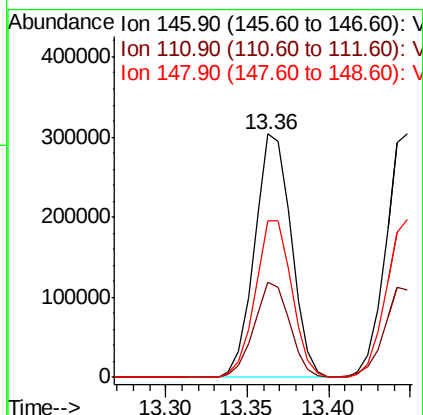
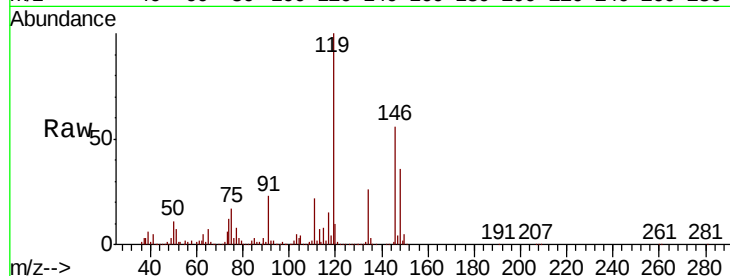




#87
 1,3-Dichlorobenzene
 Concen: 51.060 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

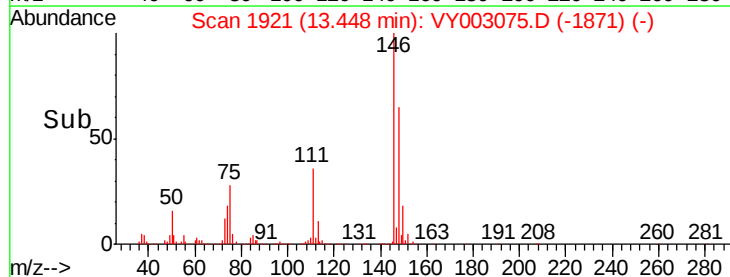
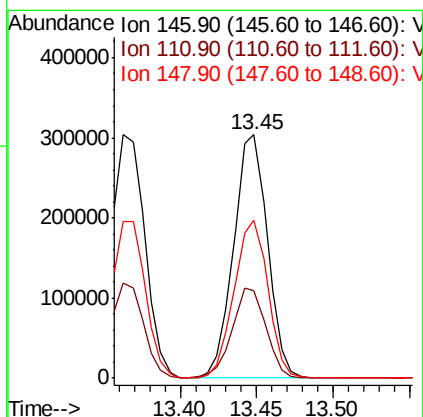
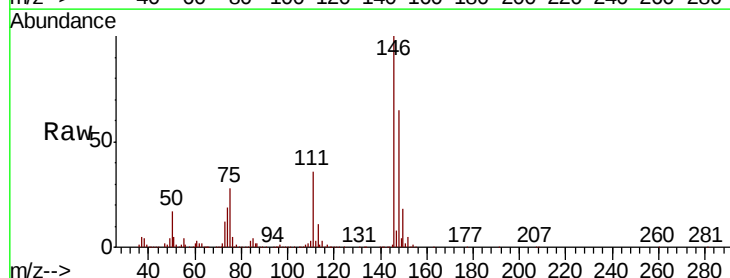
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

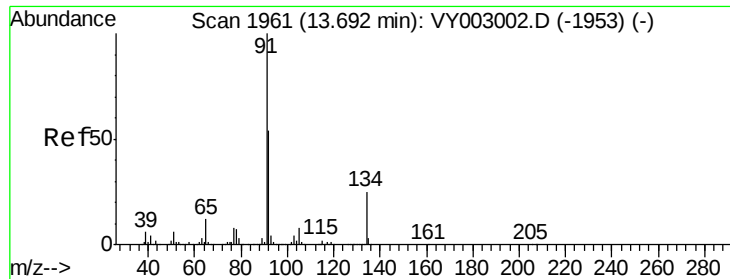
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.944 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.4
148	64.8	32.3	96.9

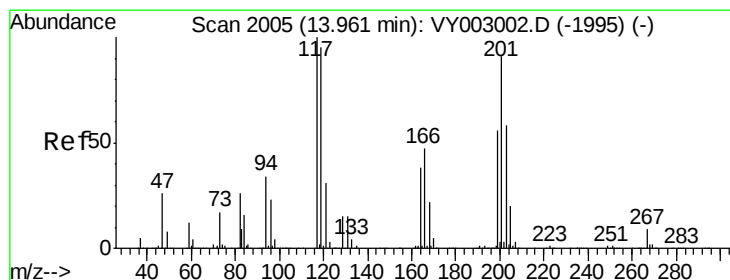
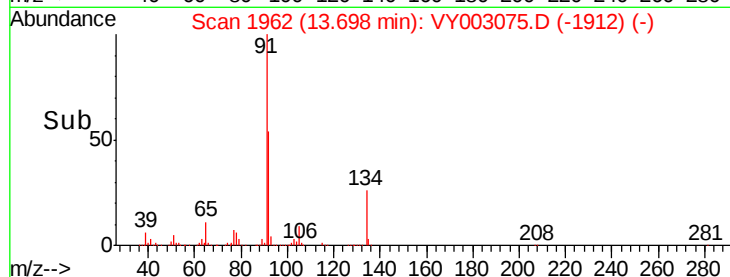
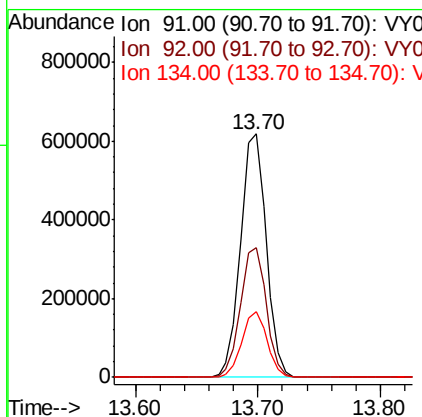
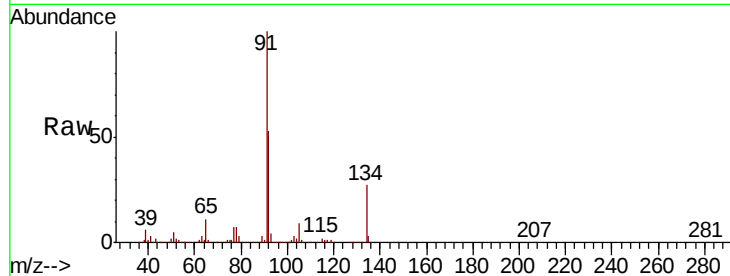




#89
n-Butylbenzene
Concen: 51.502 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

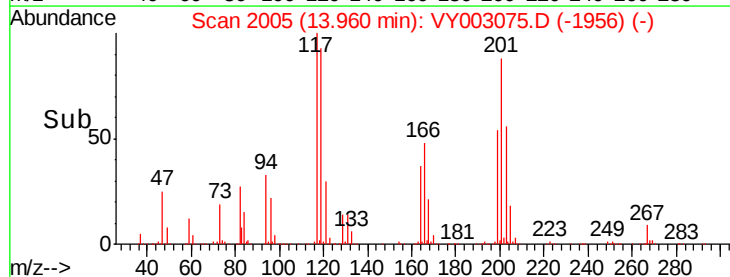
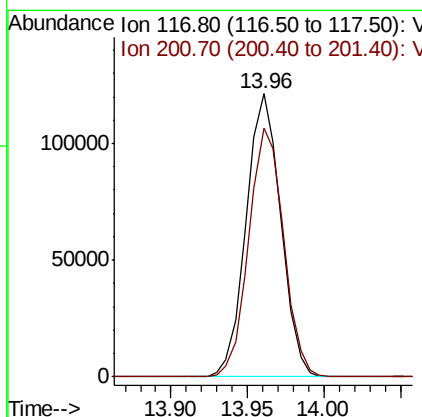
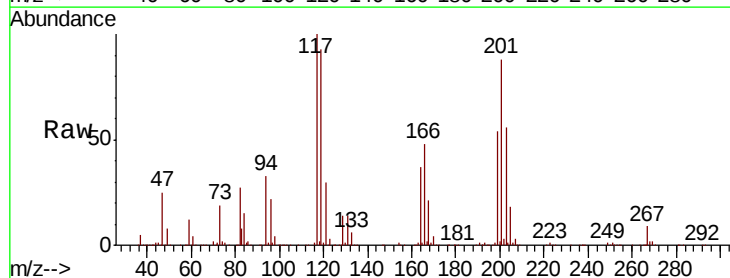
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

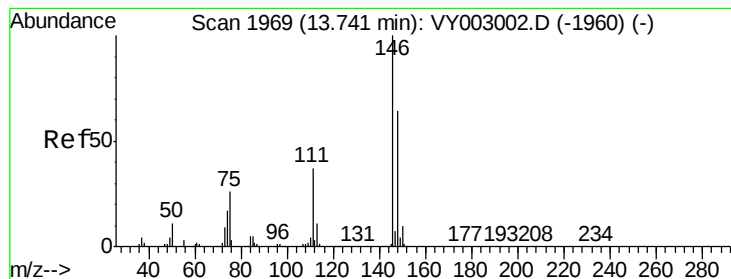
Tot Ion: 91 Resp: 900457
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 26.5 13.1 39.1



#90
Hexachloroethane
Concen: 52.660 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003075.D
Acq: 02 Jul 2020 10:35

Tgt Ion: 117 Resp: 191084
Ion Ratio Lower Upper
117 100
201 88.5 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 50.988 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

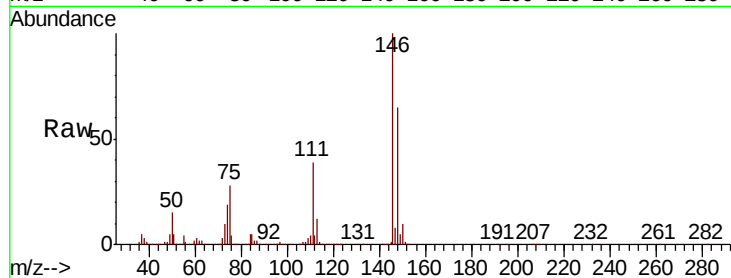
Tot Ion:146 Resp: 425217

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

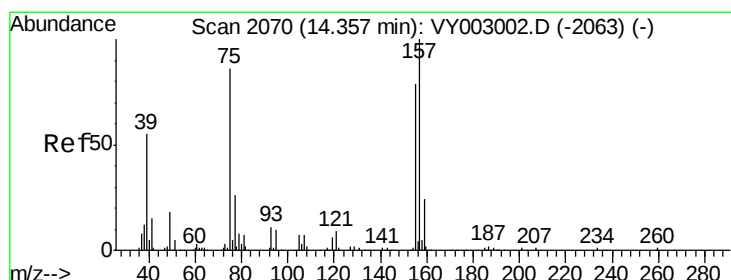
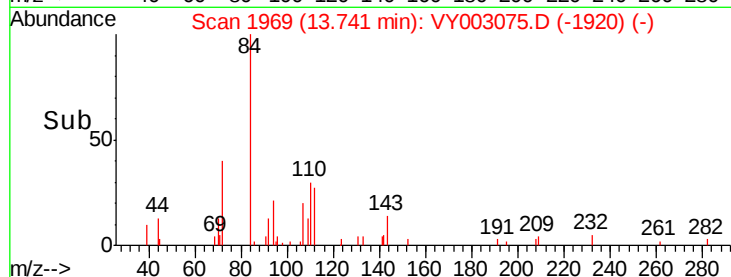
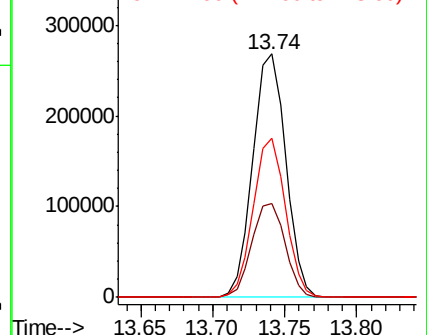
148 63.9 31.8 95.3



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: 48.854 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

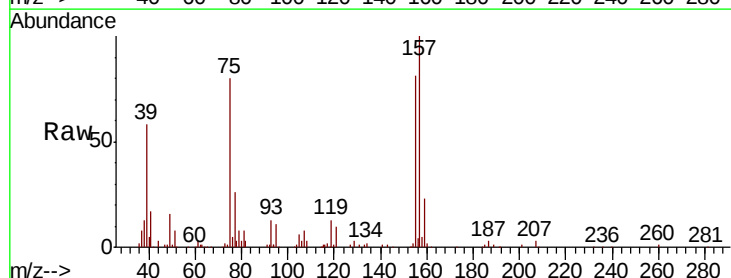
Tgt Ion: 75 Resp: 33889

Ion Ratio Lower Upper

75 100

155 96.4 46.5 139.3

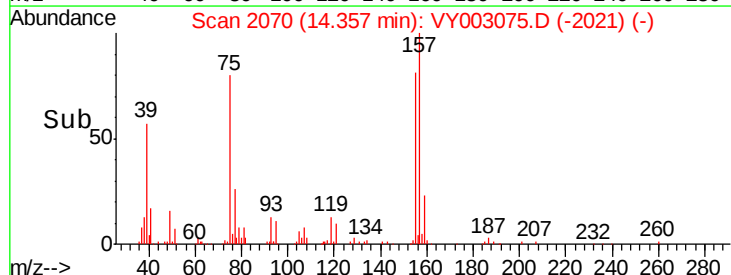
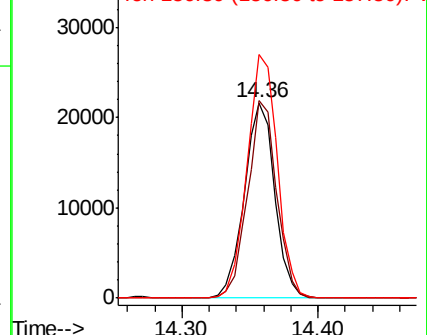
157 124.2 59.2 177.5

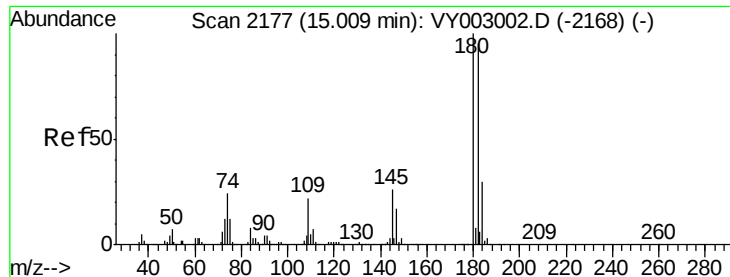


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

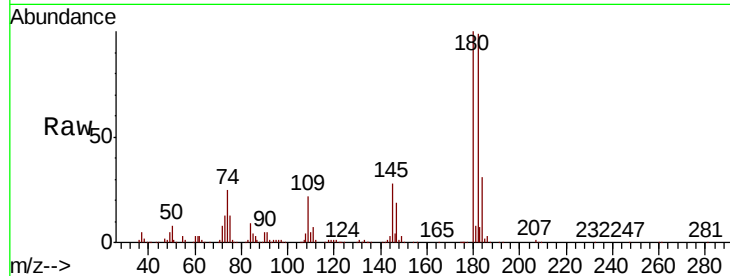




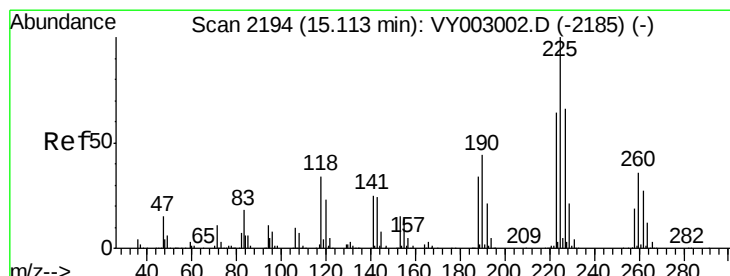
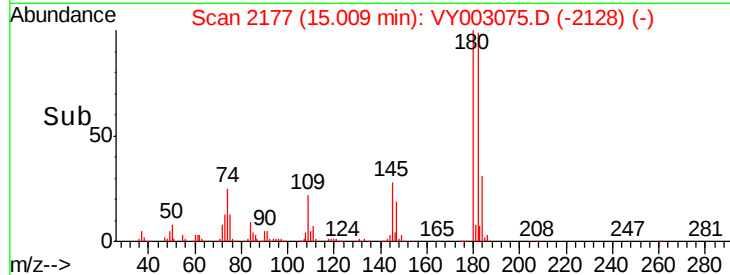
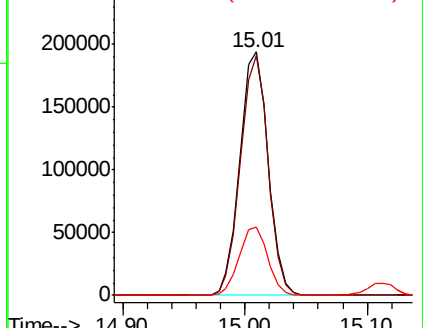
#93
 1,2,4-Trichlorobenzene
 Concen: 50.108 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 310509
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.1 144.3
 145 28.3 13.9 41.6

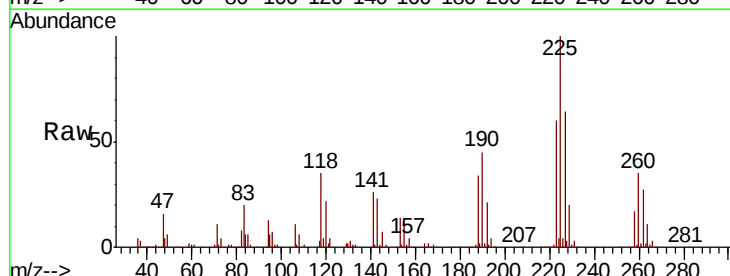


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

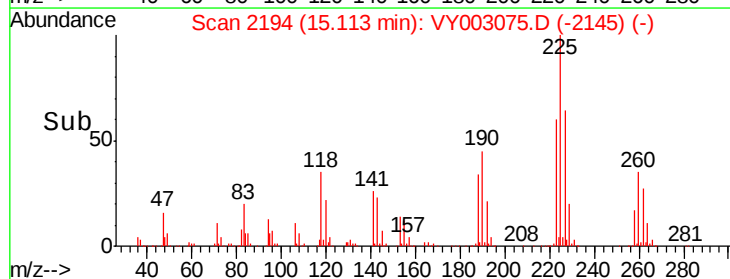
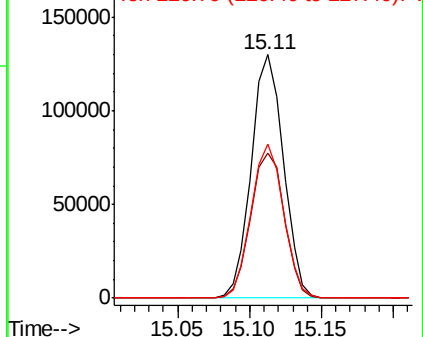


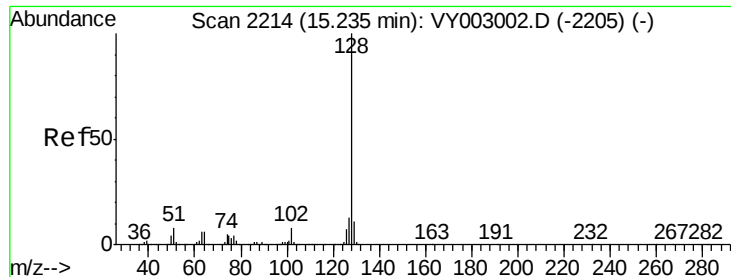
#94
 Hexachlorobutadiene
 Concen: 51.287 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003075.D
 Acq: 02 Jul 2020 10:35

Tgt Ion:225 Resp: 200470
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.4 97.0
 227 64.0 32.4 97.2



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





#95

Naphthalene

Concen: 50.303 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

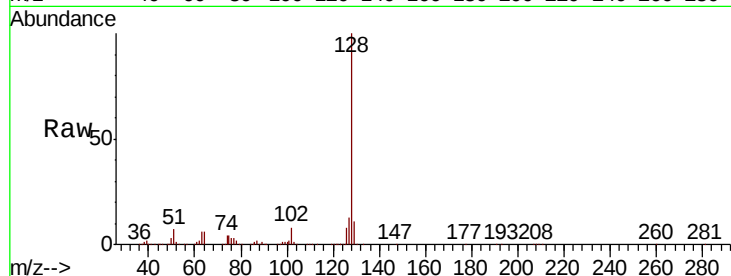
Tot Ion:128 Resp: 569365

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

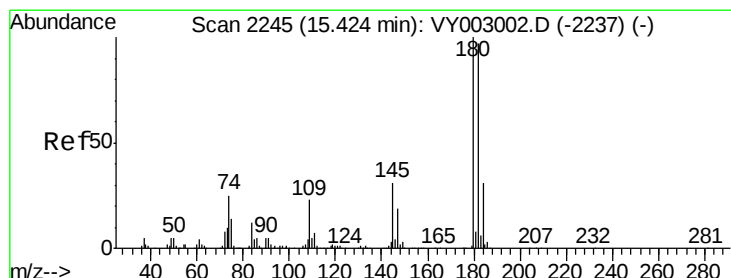
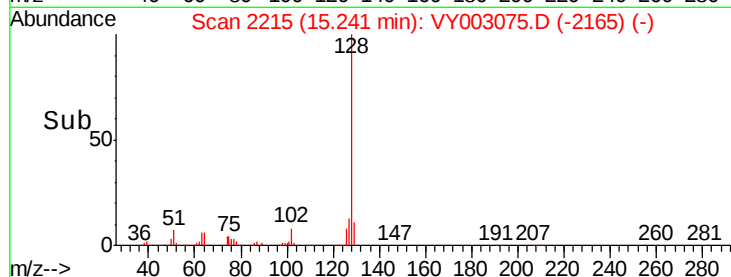
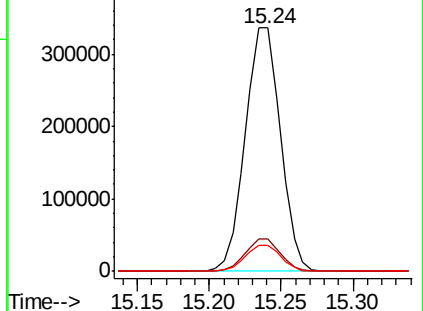
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.124 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003075.D

Acq: 02 Jul 2020 10:35

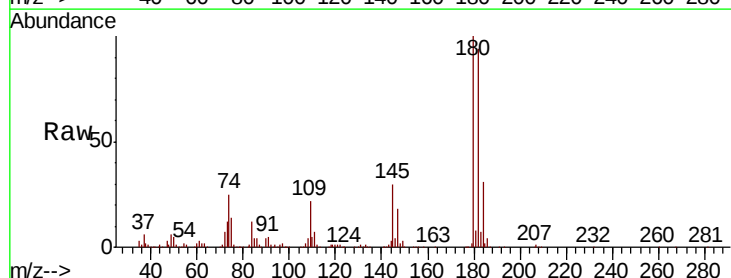
Tgt Ion:180 Resp: 269717

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 29.1 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

