

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002997.D
 Acq On : 25 Jun 2020 15:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Quant Time: Jun 26 07:43:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	493143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	360622	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	218191	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	7.72	113	205414	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	10.18	98	816693	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.48	95	292331	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	164090	55.470	ug/l	98
3) Chloromethane	2.11	50	222422	54.649	ug/l	99
4) Vinyl Chloride	2.26	62	245384	60.120	ug/l	100
5) Bromomethane	2.66	94	174212	57.213	ug/l	100
6) Chloroethane	2.80	64	153757	58.046	ug/l	99
7) Trichlorofluoromethane	3.13	101	413228	53.327	ug/l	98
8) Diethyl Ether	3.54	74	123694	53.020	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	225252	55.701	ug/l	99
10) Methyl Iodide	4.10	142	319717	56.505	ug/l	99
11) Tert butyl alcohol	4.96	59	108294	257.217	ug/l	98
12) 1,1-Dichloroethene	3.88	96	218883	55.185	ug/l	94
13) Acrolein	3.74	56	114773	272.845	ug/l	98
14) Allyl chloride	4.49	41	348692	55.423	ug/l	99
15) Acrylonitrile	5.18	53	294952	275.276	ug/l	98
16) Acetone	3.96	43	260623	288.608	ug/l	99
17) Carbon Disulfide	4.20	76	679338	55.845	ug/l	99
18) Methyl Acetate	4.49	43	130498	55.093	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	609836	54.829	ug/l	97
20) Methylene Chloride	4.72	84	241767	54.470	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	240432	54.736	ug/l	98
22) Diisopropyl ether	6.12	45	561011	44.287	ug/l	96
23) Vinyl Acetate	6.07	43	1896574	221.416	ug/l	99
24) 1,1-Dichloroethane	6.03	63	320693	44.003	ug/l	100
25) 2-Butanone	6.99	43	335209	236.952	ug/l	98
26) 2,2-Dichloropropane	6.99	77	345393	47.099	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	229556	46.843	ug/l	99
28) Bromochloromethane	7.34	49	148302	51.231	ug/l	95
29) Tetrahydrofuran	7.35	42	219582	234.433	ug/l	99
30) Chloroform	7.52	83	366856	47.507	ug/l	98
31) Cyclohexane	7.79	56	308099	45.193	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	360561	49.437	ug/l	99
36) 1,1-Dichloropropene	7.92	75	265547	41.818	ug/l	98
37) Ethyl Acetate	7.08	43	156713	43.963	ug/l	99
38) Carbon Tetrachloride	7.90	117	334516	43.599	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	372800	49.986	ug/l	98
40) Benzene	8.16	78	781983	45.533	ug/l	99
41) Methacrylonitrile	7.35	41	212451	104.540	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	260836	47.187	ug/l	99
43) Isopropyl Acetate	8.27	43	305976	48.772	ug/l	99
44) Trichloroethene	8.94	130	259488	48.434	ug/l	97
45) 1,2-Dichloropropane	9.22	63	191603	48.218	ug/l	99
46) Dibromomethane	9.31	93	117279	48.690	ug/l	98
47) Bromodichloromethane	9.50	83	297123	49.720	ug/l	99
48) Methyl methacrylate	9.30	41	140508	48.872	ug/l	98
49) 1,4-Dioxane	9.30	88	30364	1079.908	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	757518	233.858	ug/l	98
52) Toluene	10.24	92	522436	45.650	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	316287	46.507	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	352602	49.985	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	180213	48.618	ug/l	99
56) Ethyl methacrylate	10.51	69	237774	46.465	ug/l	100
57) 1,3-Dichloropropane	10.79	76	282978	44.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	618523	275.108	ug/l	100
59) 2-Hexanone	10.83	43	565886	239.464	ug/l	99
60) Dibromochloromethane	10.99	129	222504	43.467	ug/l	98
61) 1,2-Dibromoethane	11.09	107	149075	39.995	ug/l	99
64) Tetrachloroethene	10.72	164	291516	58.394	ug/l	95
65) Chlorobenzene	11.52	112	522205	48.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	209811	48.534	ug/l	99
67) Ethyl Benzene	11.59	91	913428	48.843	ug/l	99
68) m/p-Xylenes	11.70	106	703216	97.591	ug/l	99
69) o-Xylene	12.03	106	332272	48.299	ug/l	100
70) Styrene	12.05	104	575245	48.998	ug/l	100
71) Bromoform	12.21	173	151715	51.281	ug/l	100
73) Isopropylbenzene	12.33	105	946098	40.332	ug/l	100
74) N-amyl acetate	12.14	43	245040	38.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	187446	44.960	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	272720	84.917	ug/l #	100
77) Bromobenzene	12.61	156	293242	44.440	ug/l	100
78) n-propylbenzene	12.67	91	1270803	46.954	ug/l	100
79) 2-Chlorotoluene	12.75	91	695848	45.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	909771	43.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68659	41.454	ug/l #	78
82) 4-Chlorotoluene	12.86	91	760547	46.028	ug/l	99
83) tert-Butylbenzene	13.08	119	807908	44.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	906693	44.606	ug/l	100
85) sec-Butylbenzene	13.25	105	1126825	48.909	ug/l	100
86) p-Isopropyltoluene	13.37	119	1058669	48.747	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	548370	47.797	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	549004	48.717	ug/l	100
89) n-Butylbenzene	13.70	91	962437	51.357	ug/l	100
90) Hexachloroethane	13.96	117	199957	50.850	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	501705	49.785	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33583	46.452	ug/l	100

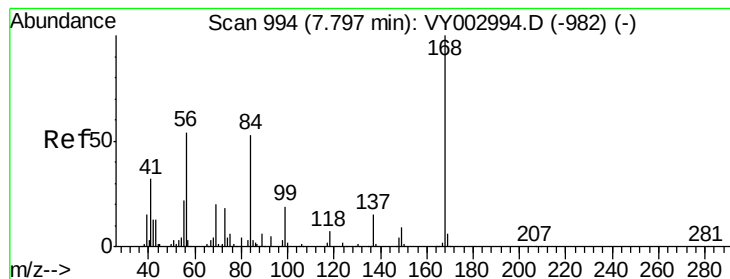
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	408338	50.917	ug/l	98
94) Hexachlorobutadiene	15.11	225	279321	50.893	ug/l	99
95) Naphthalene	15.23	128	675874	51.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	342166	49.462	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

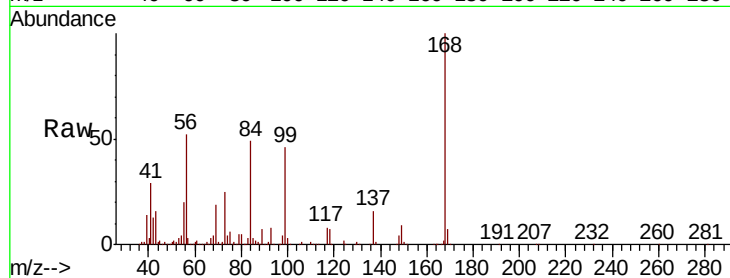
ICVVY062520

Tot Ion:168 Resp: 493143

Ion Ratio Lower Upper

168 100

99 46.4 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VY002997.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002997.D (-945) (-)

7.80

250000

200000

150000

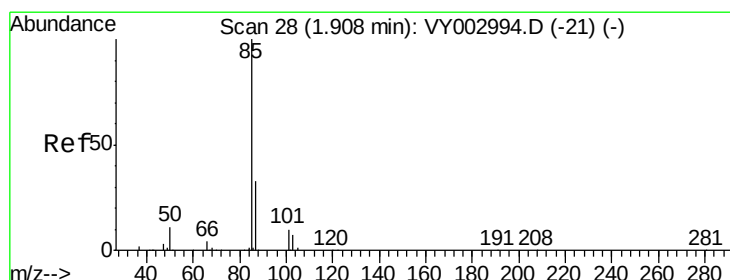
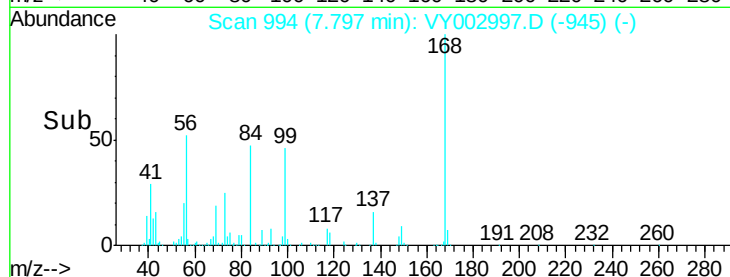
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.470 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002997.D

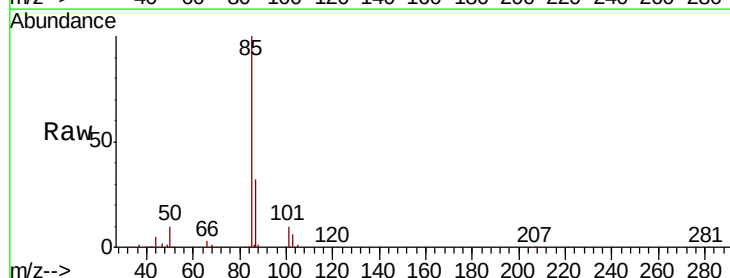
Acq: 25 Jun 2020 15:02

Tgt Ion: 85 Resp: 164090

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002997.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002997.D (-1) (-)

1.91

120000

100000

80000

60000

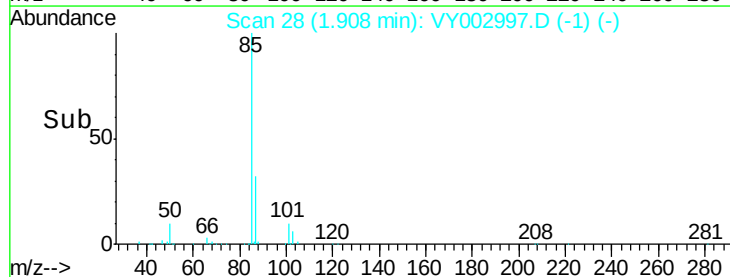
40000

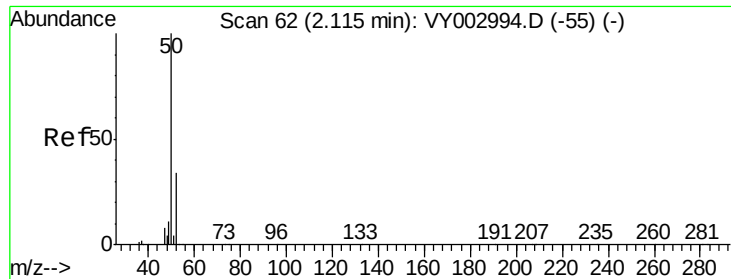
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 54.649 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

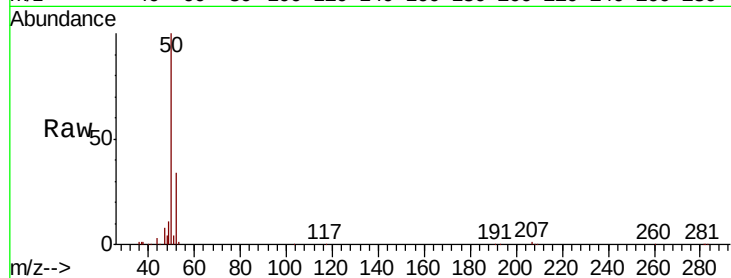
ICVY062520

Tot Ion: 50 Resp: 222422

Ion Ratio Lower Upper

50 100

52 34.2 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

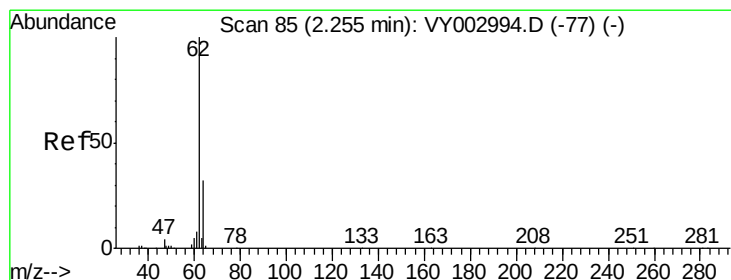
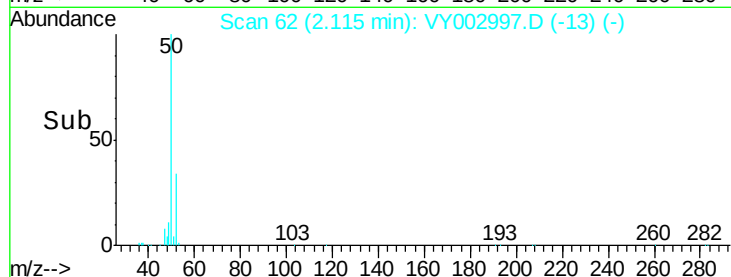
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 60.120 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002997.D

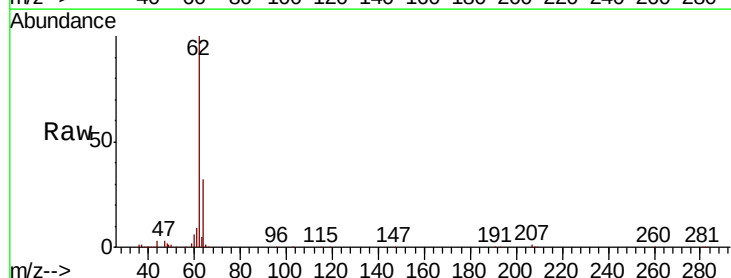
Acq: 25 Jun 2020 15:02

Tgt Ion: 62 Resp: 245384

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

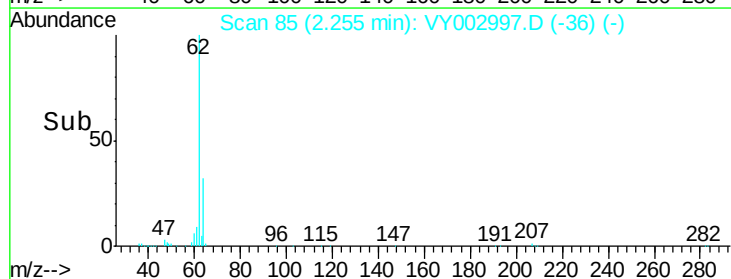
150000

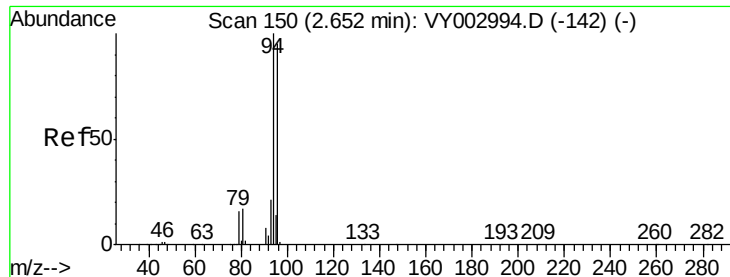
100000

50000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 57.213 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

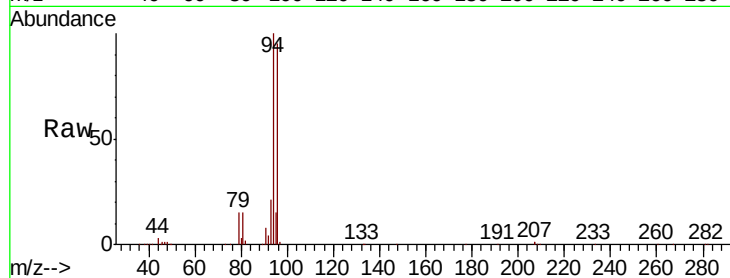
ICVY062520

Tot Ion: 94 Resp: 174212

Ion Ratio Lower Upper

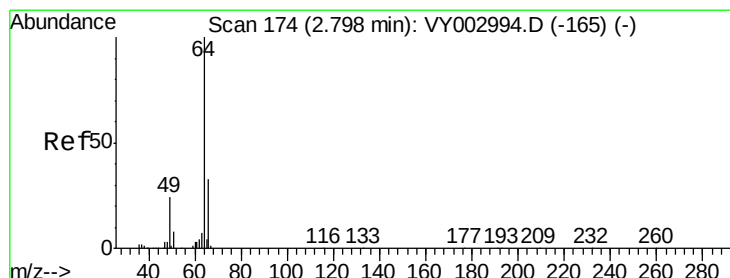
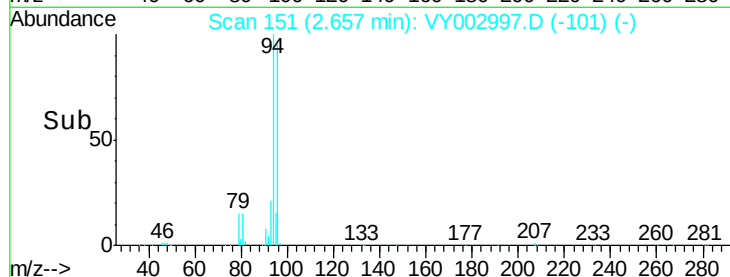
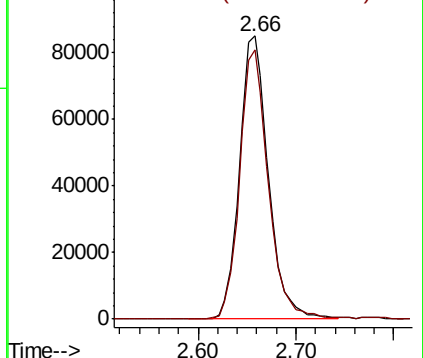
94 100

96 95.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 58.046 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002997.D

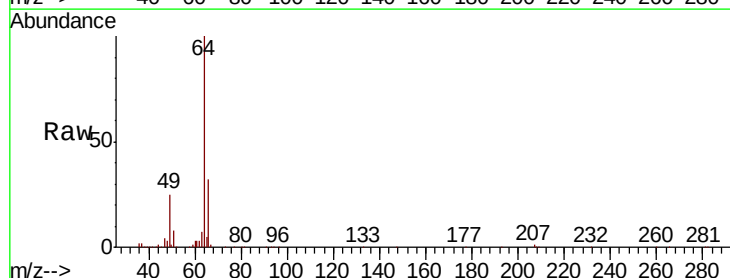
Acq: 25 Jun 2020 15:02

Tgt Ion: 64 Resp: 153757

Ion Ratio Lower Upper

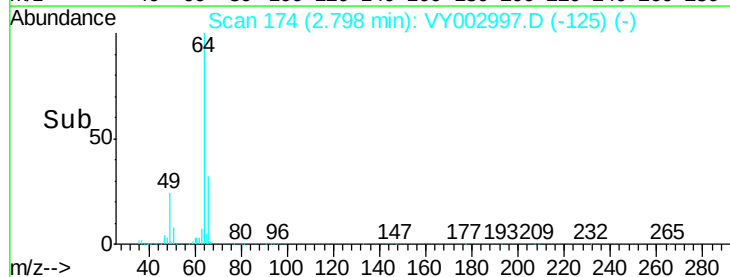
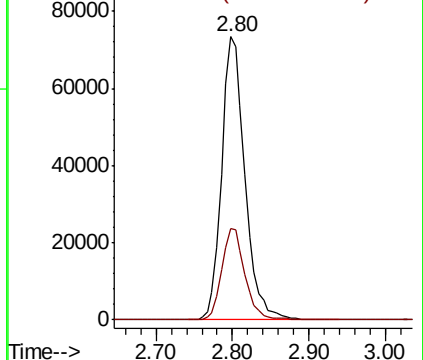
64 100

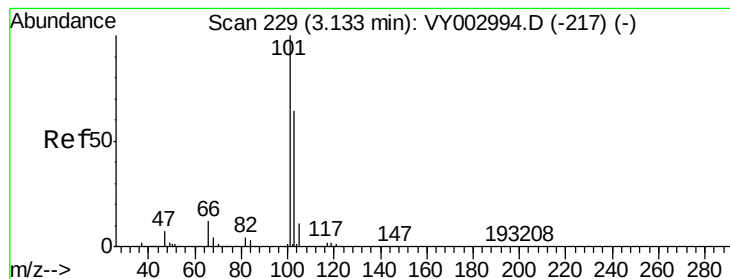
66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



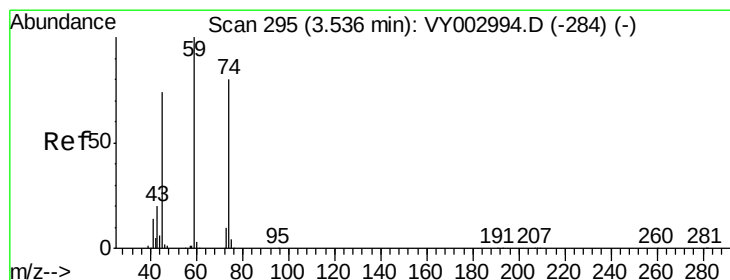
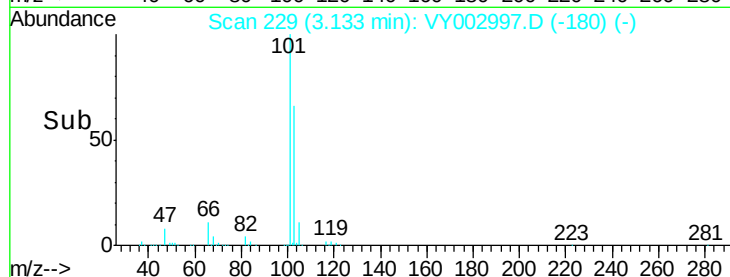
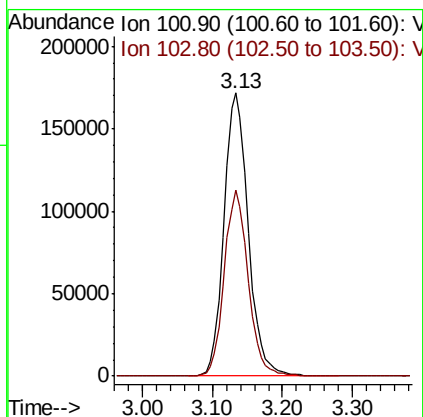
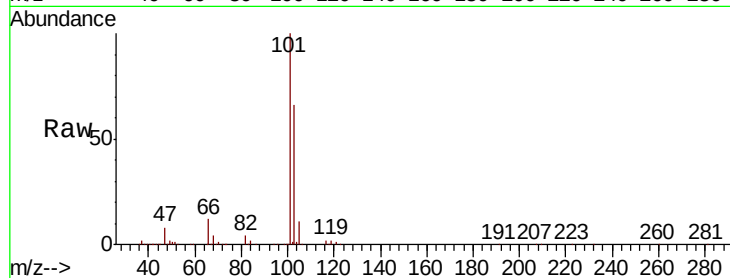


#7

Trichlorofluoromethane
Concen: 53.327 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
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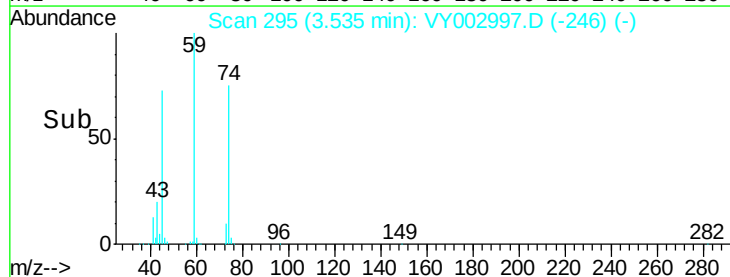
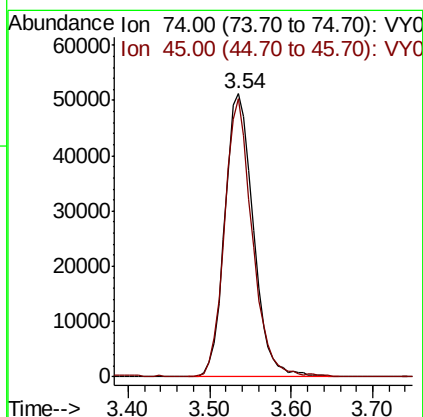
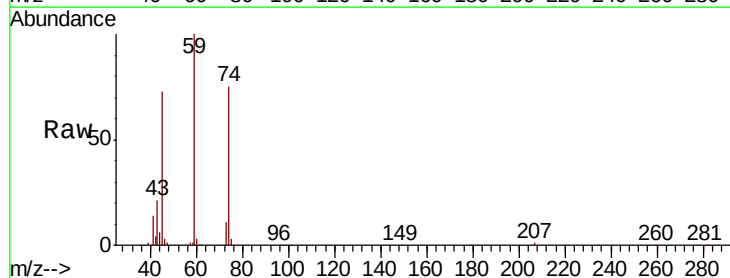
Tot Ion:101 Resp: 413228
Ion Ratio Lower Upper
101 100
103 65.8 51.3 76.9

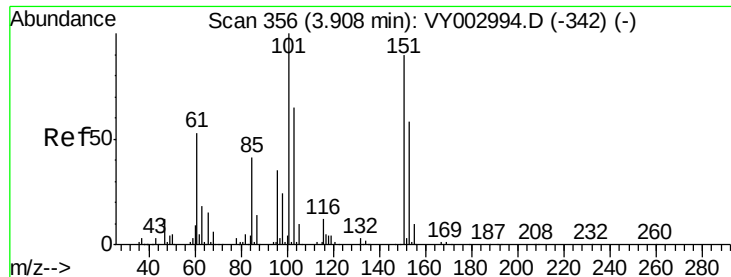


#8

Diethyl Ether
Concen: 53.020 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 74 Resp: 123694
Ion Ratio Lower Upper
74 100
45 95.3 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.701 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

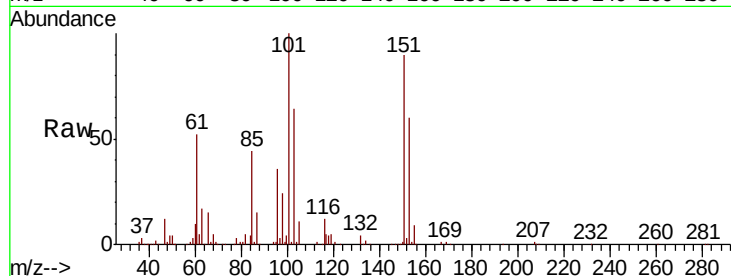
Tot Ion:101 Resp: 225252

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

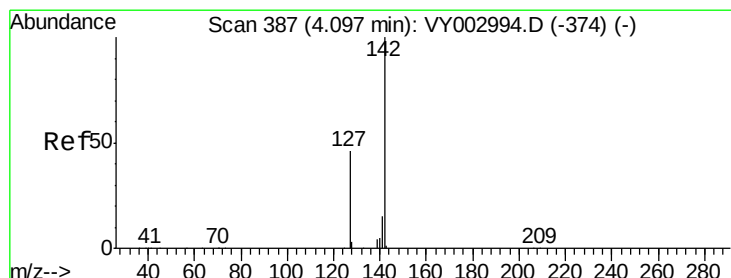
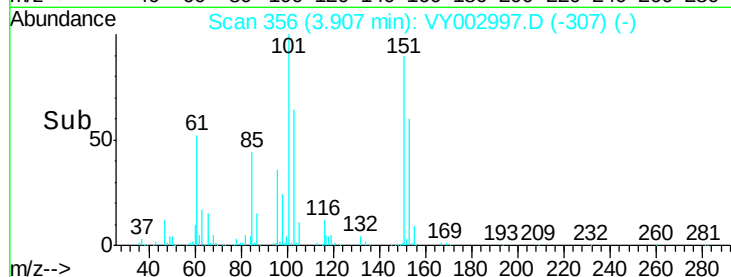
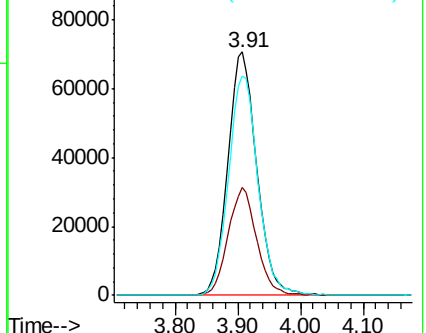
151 92.2 72.2 108.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.505 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

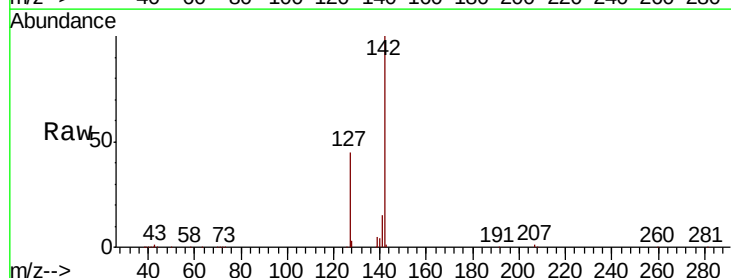
Tgt Ion:142 Resp: 319717

Ion Ratio Lower Upper

142 100

127 44.0 35.8 53.8

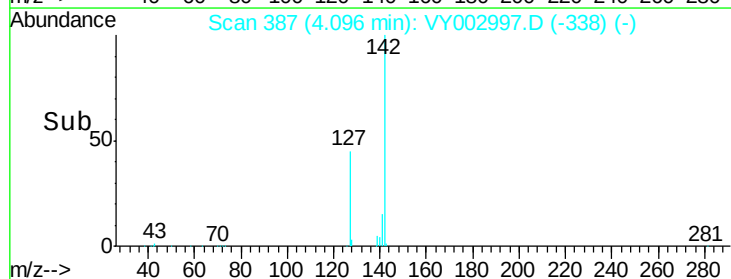
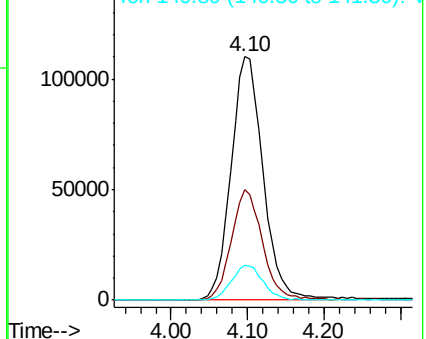
141 14.3 11.7 17.5

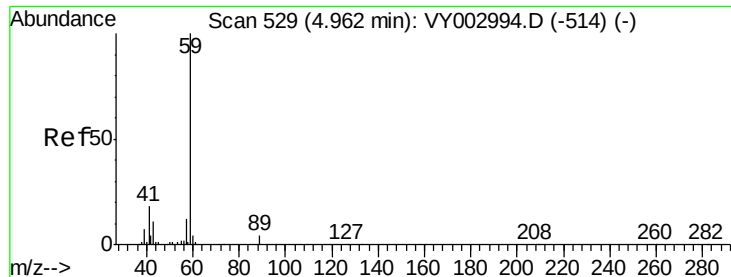


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



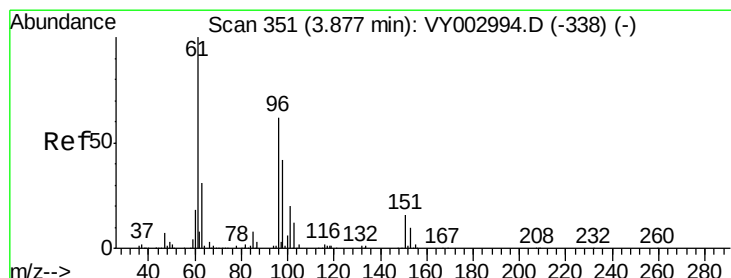
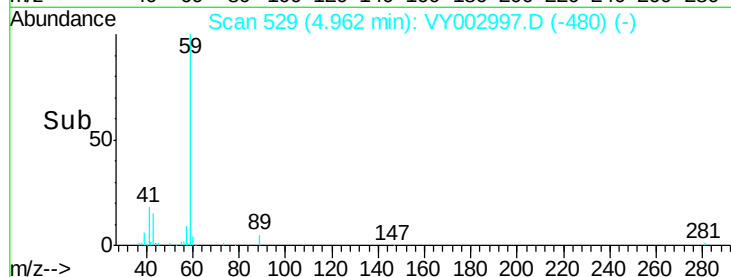
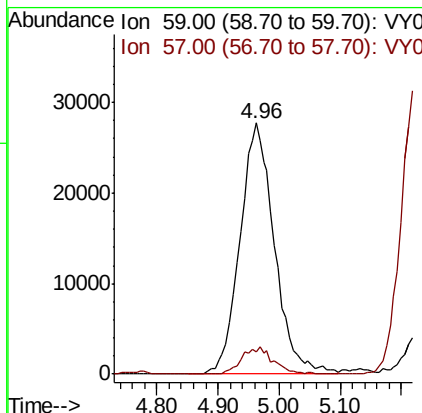
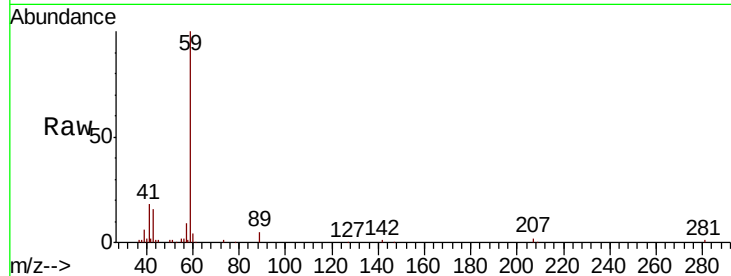


#11

Tert butyl alcohol
 Concen: 257.217 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

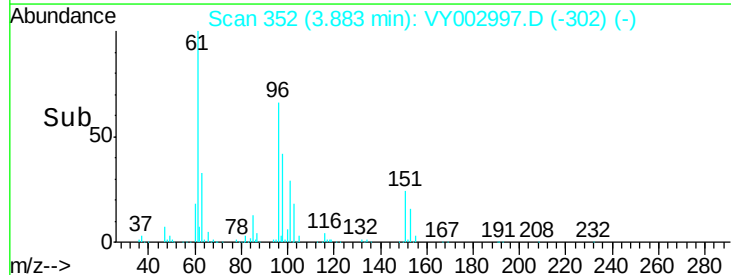
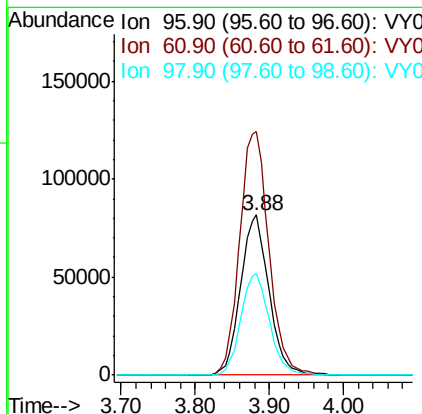
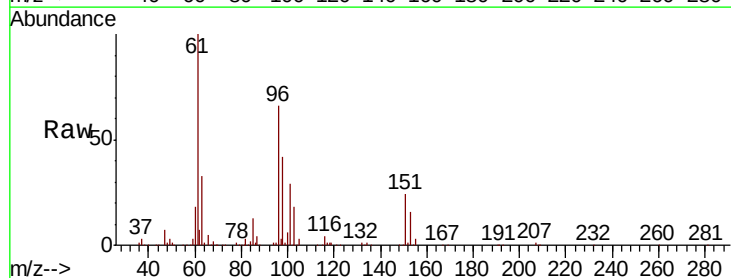
Tot Ion: 59 Resp: 108294
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

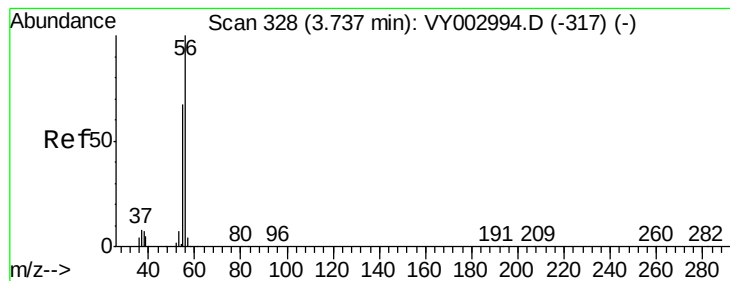


#12

1,1-Dichloroethene
 Concen: 55.185 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 96 Resp: 218883
 Ion Ratio Lower Upper
 96 100
 61 151.8 128.1 192.1
 98 63.4 53.5 80.3





#13

Acrolein

Concen: 272.845 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

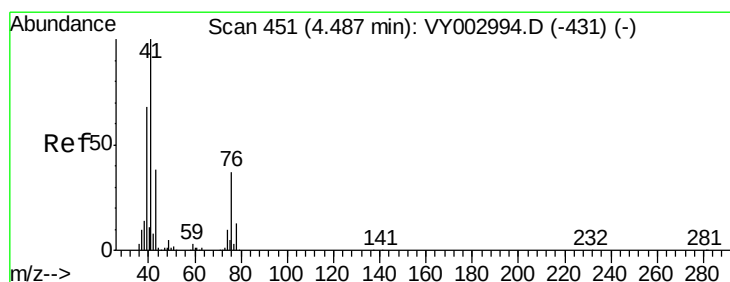
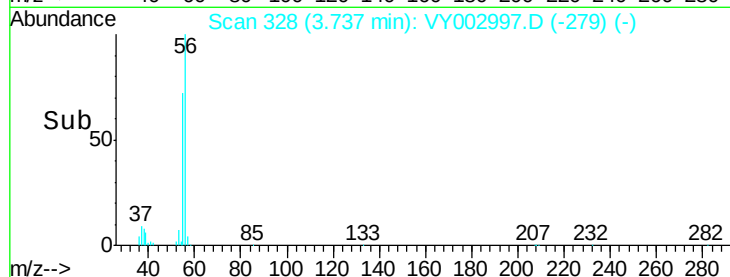
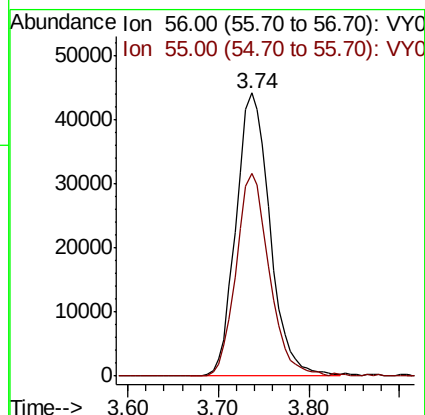
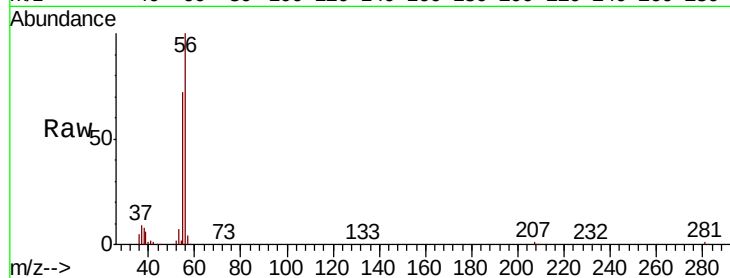
ICVY062520

Tot Ion: 56 Resp: 114773

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 55.423 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

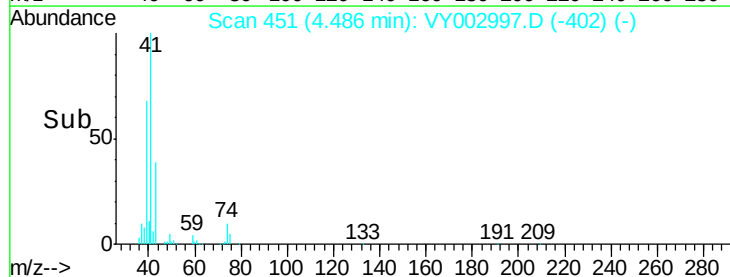
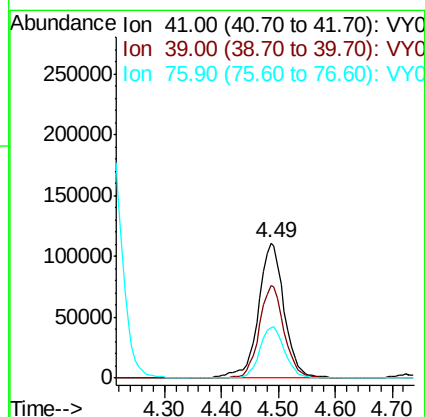
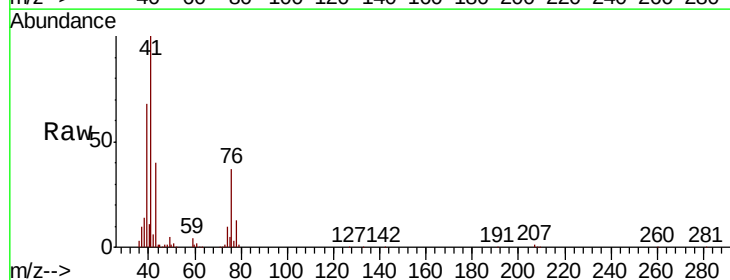
Tgt Ion: 41 Resp: 348692

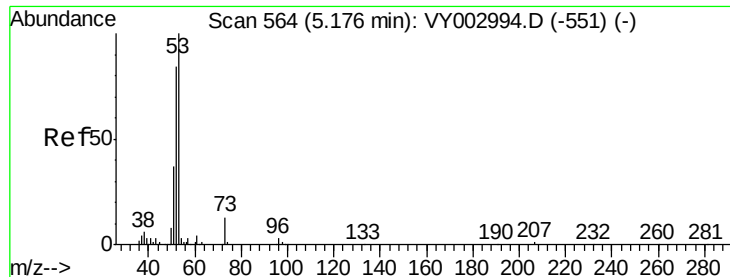
Ion Ratio Lower Upper

41 100

39 66.0 53.1 79.7

76 36.7 30.0 45.0





#15

Acrylonitrile

Concen: 275.276 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

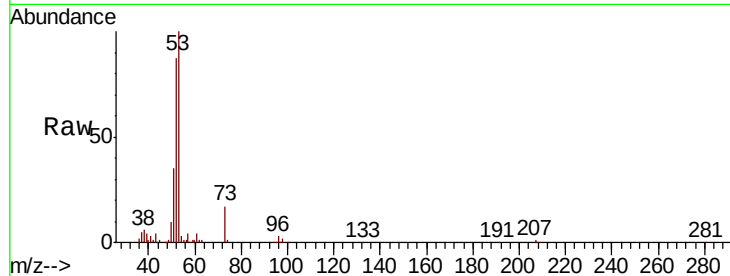
Tot Ion: 53 Resp: 294952

Ion Ratio Lower Upper

53 100

52 83.3 68.0 102.0

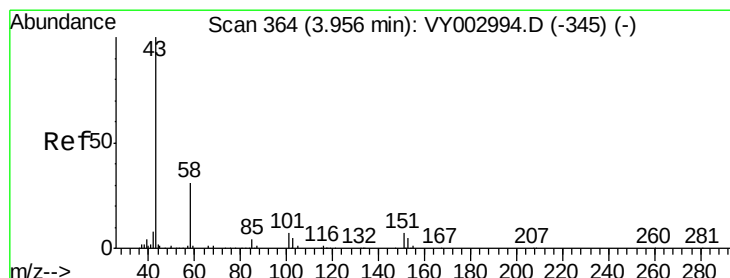
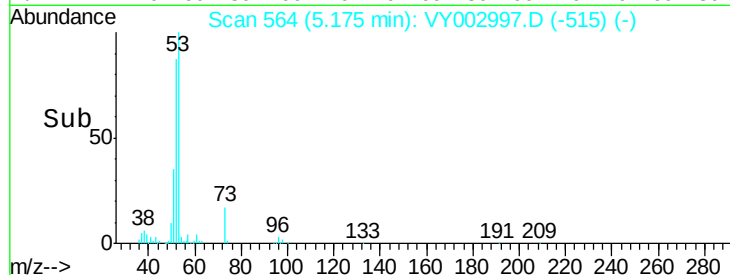
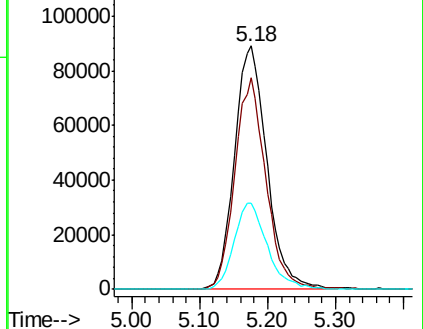
51 36.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 288.608 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002997.D

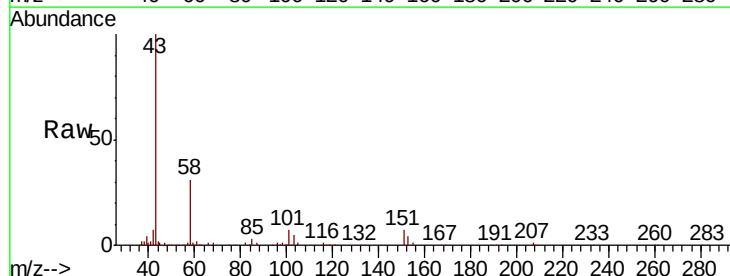
Acq: 25 Jun 2020 15:02

Tgt Ion: 43 Resp: 260623

Ion Ratio Lower Upper

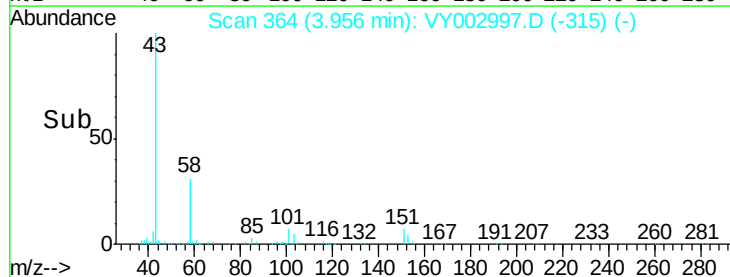
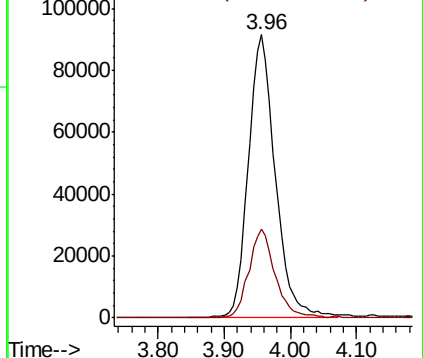
43 100

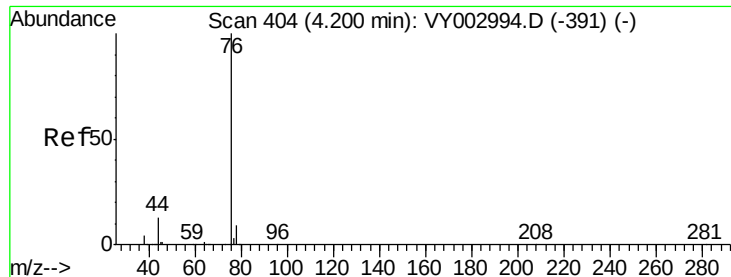
58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 55.845 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

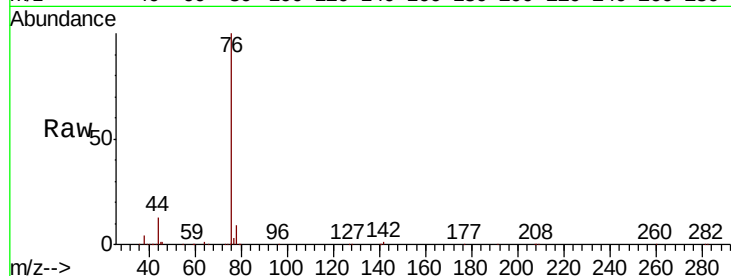
ICVY062520

Tot Ion: 76 Resp: 679338

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

250000

200000

150000

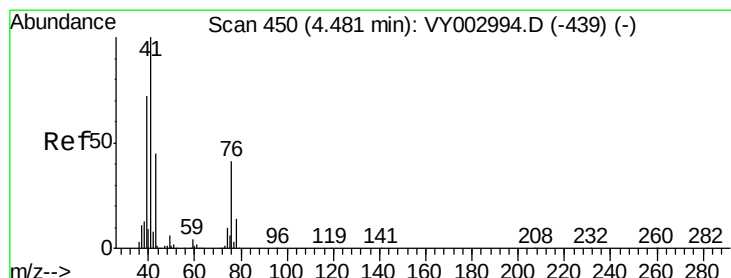
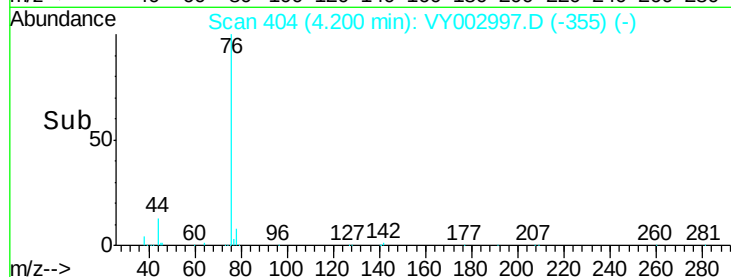
100000

50000

0

Time-->

4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 55.093 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002997.D

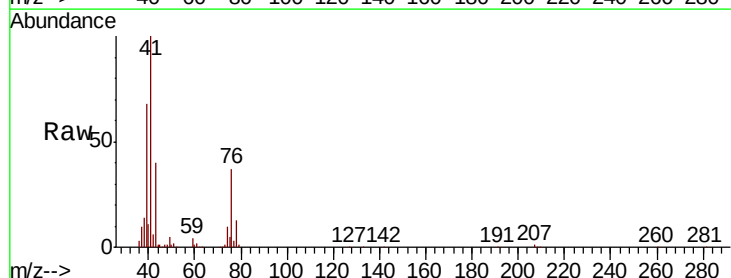
Acq: 25 Jun 2020 15:02

Tgt Ion: 43 Resp: 130498

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

50000

40000

30000

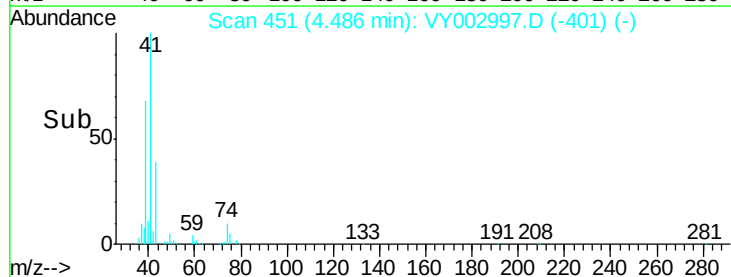
20000

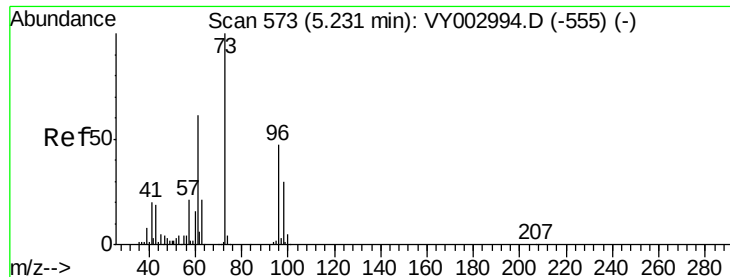
10000

0

Time-->

4.40 4.50 4.60



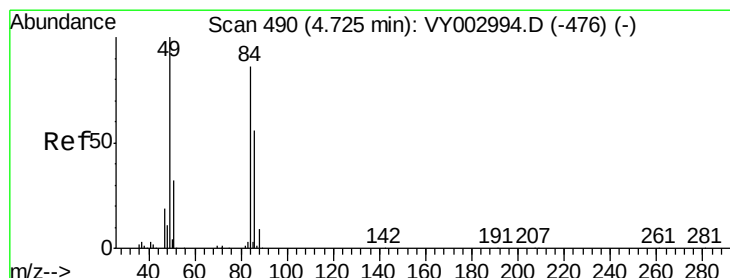
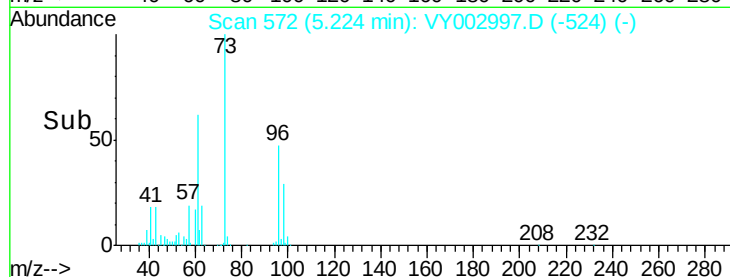
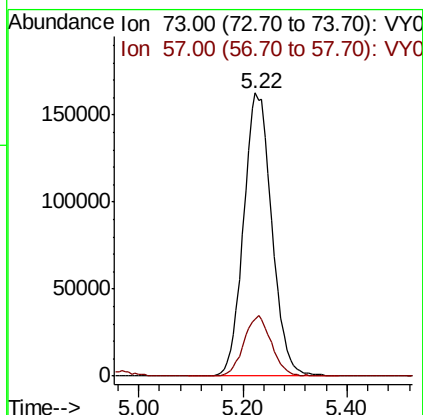
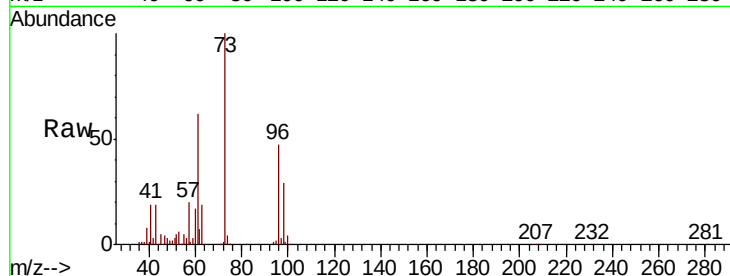


#19

Methyl tert-butyl Ether
 Concen: 54.829 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

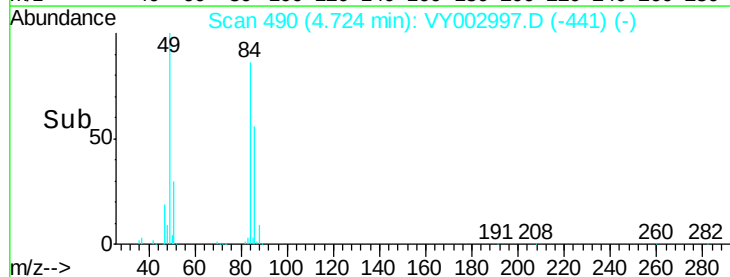
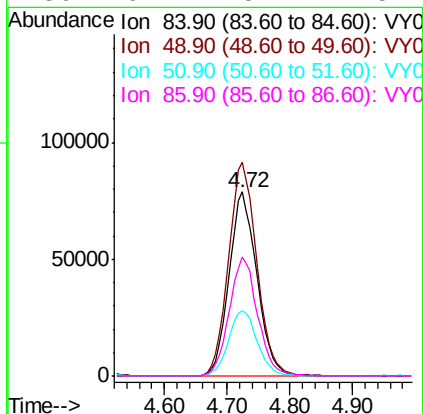
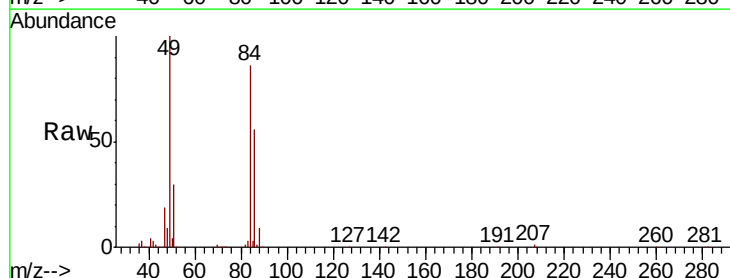
Tot Ion: 73 Resp: 609836
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.0 25.4

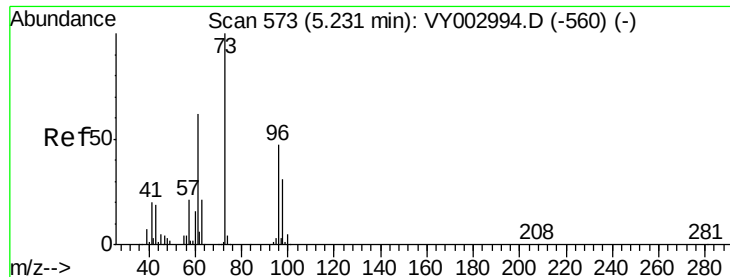


#20

Methylene Chloride
 Concen: 54.470 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 84 Resp: 241767
 Ion Ratio Lower Upper
 84 100
 49 116.1 92.6 138.8
 51 35.3 29.8 44.8
 86 64.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 54.736 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062520

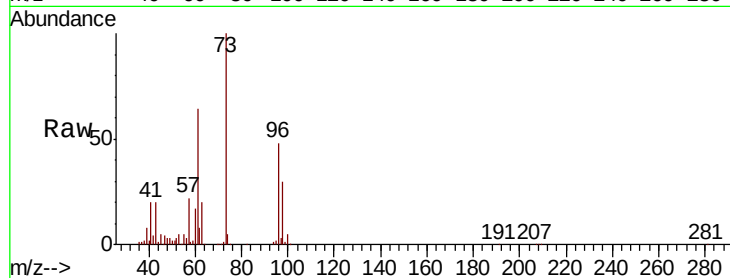
Tot Ion: 96 Resp: 240432

Ion Ratio Lower Upper

96 100

61 131.6 104.0 156.0

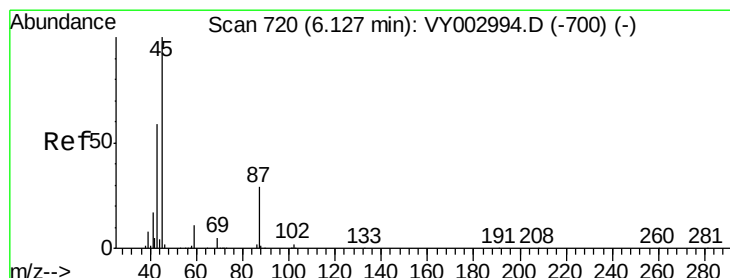
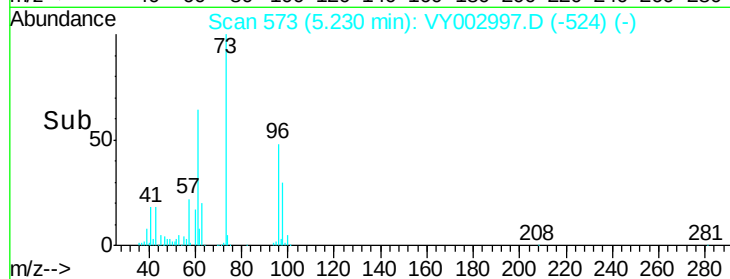
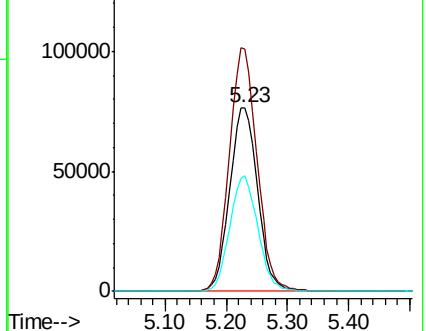
98 62.9 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 44.287 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion: 45 Resp: 561011

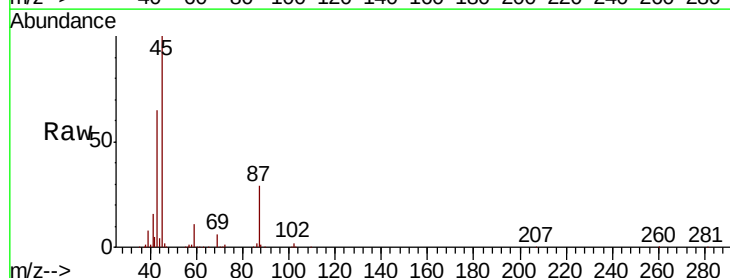
Ion Ratio Lower Upper

45 100

43 64.5 47.5 71.3

87 29.4 23.3 34.9

59 11.4 8.9 13.3

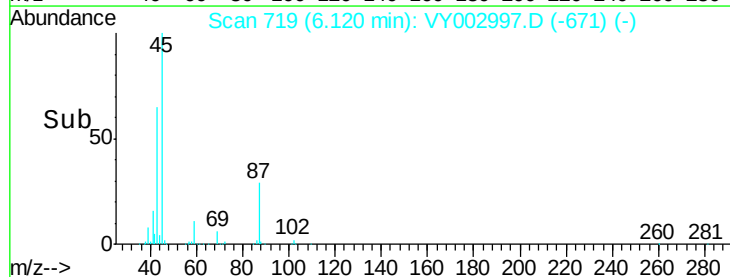
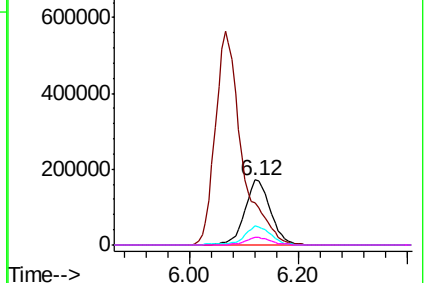


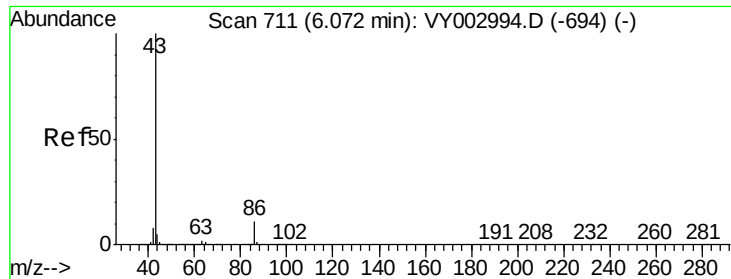
Abundance Ion 45.00 (44.70 to 45.70): VY0

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

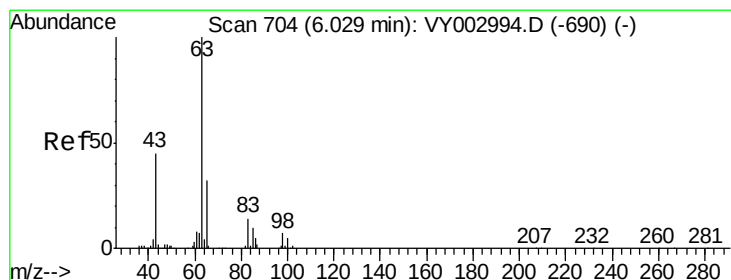
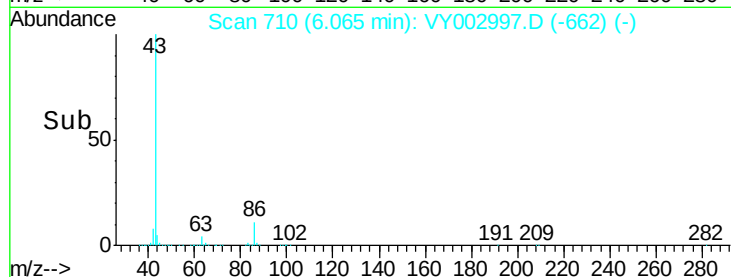
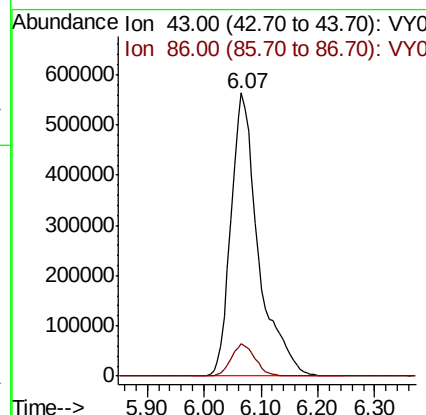
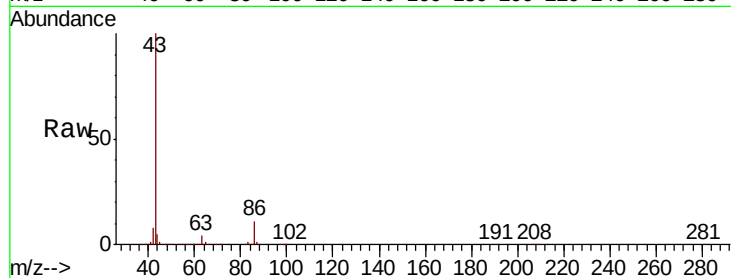




#23
 Vinyl Acetate
 Concen: 221.416 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

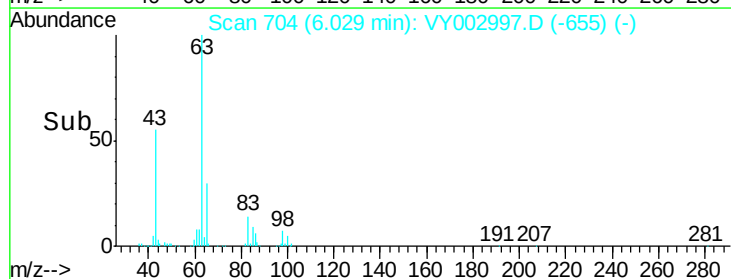
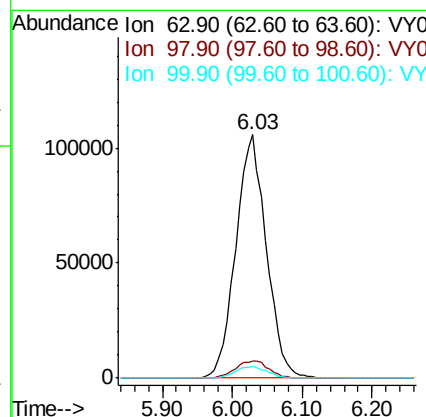
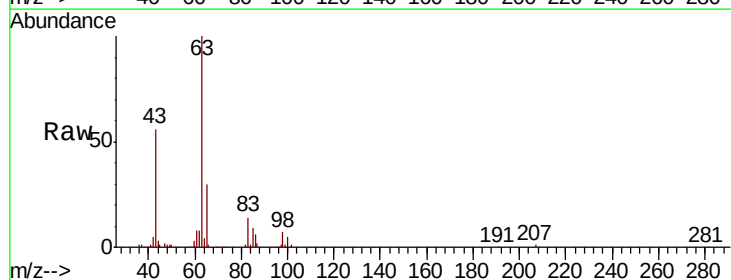
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

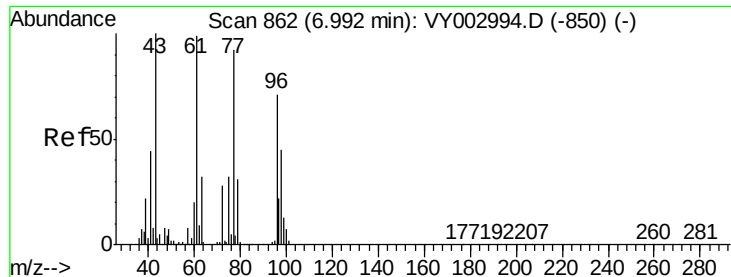
Tot Ion: 43 Resp: 1896574
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 44.003 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 63 Resp: 320693
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 236.952 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

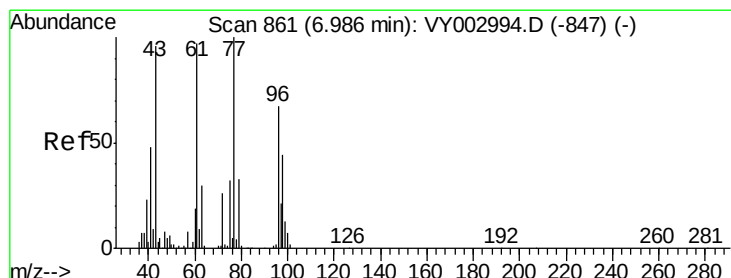
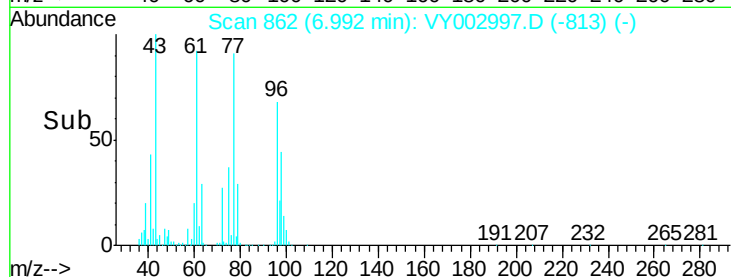
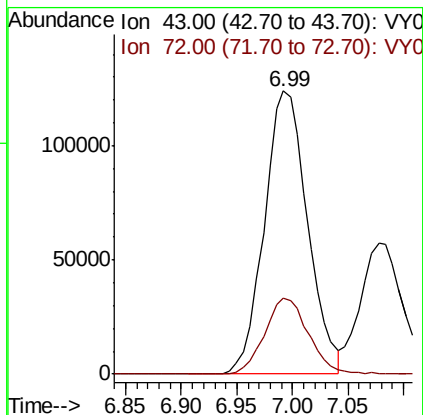
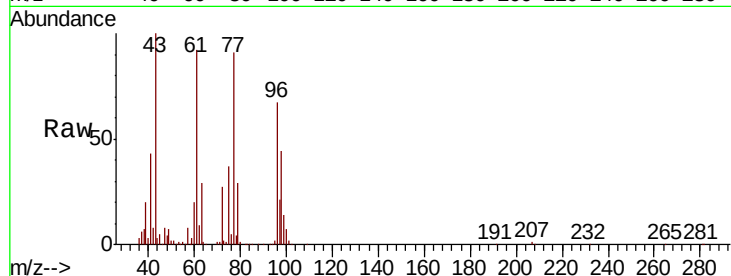
ICVY062520

Tot Ion: 43 Resp: 335209

Ion Ratio Lower Upper

43 100

72 26.8 22.3 33.5



#26

2,2-Dichloropropane

Concen: 47.099 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY002997.D

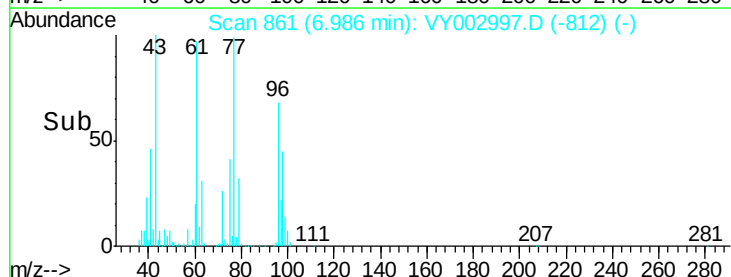
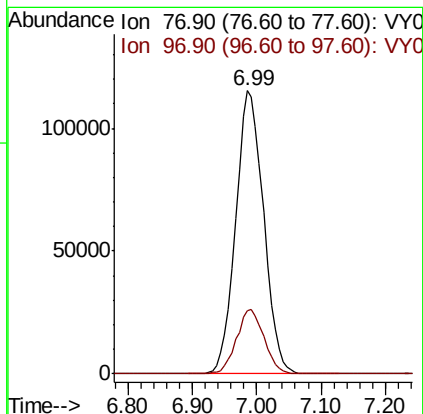
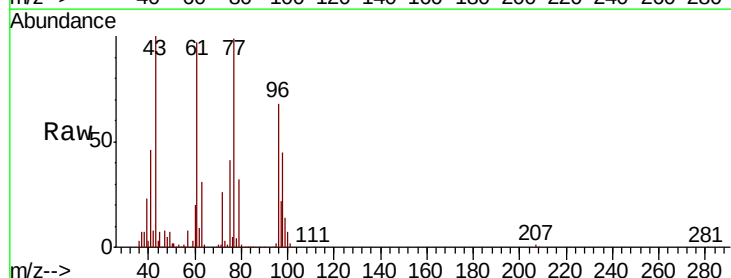
Acq: 25 Jun 2020 15:02

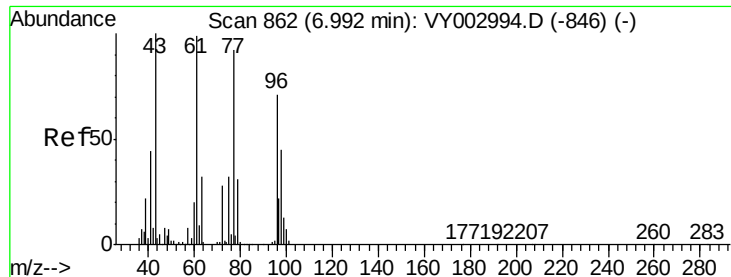
Tgt Ion: 77 Resp: 345393

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



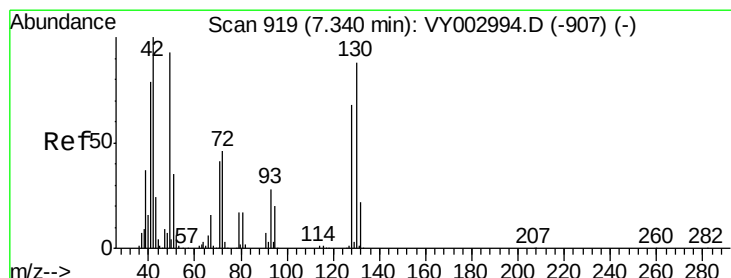
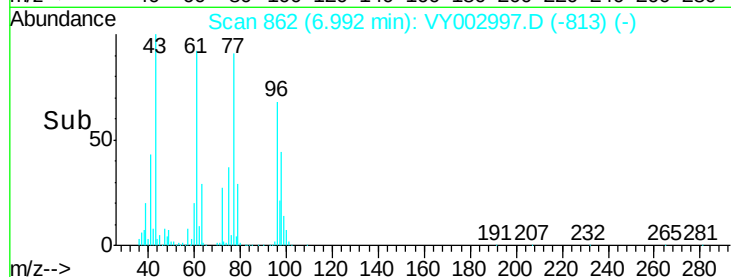
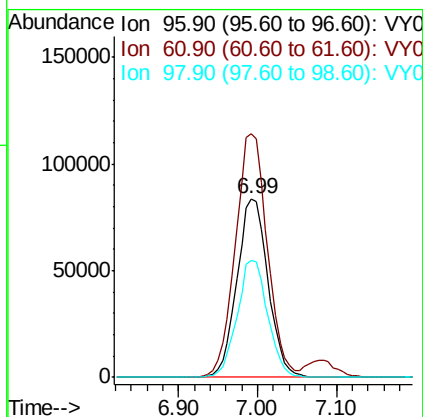
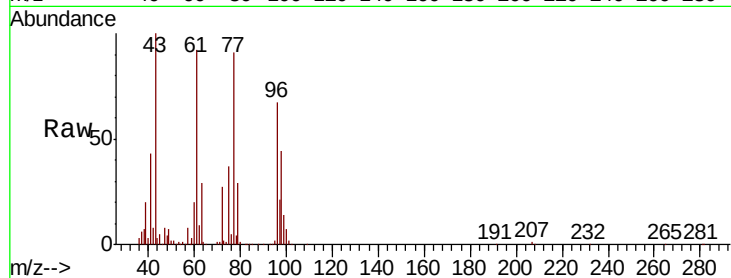


#27

cis-1,2-Dichloroethene
 Concen: 46.843 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

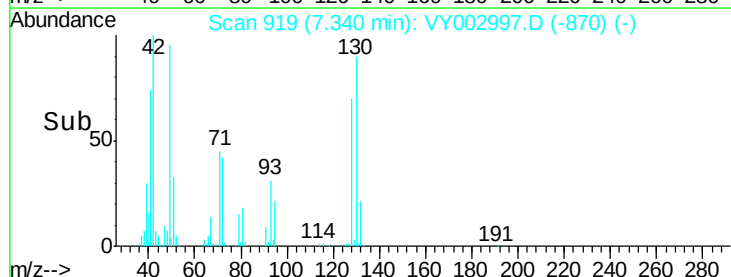
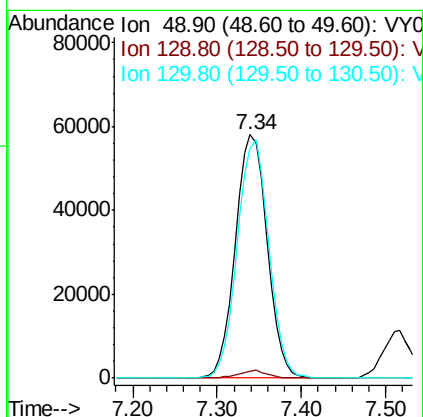
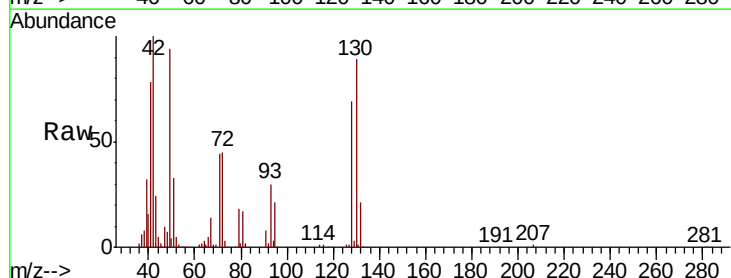
Tot Ion	96	Resp	229556
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	279.0
98	64.5	0.0	128.2

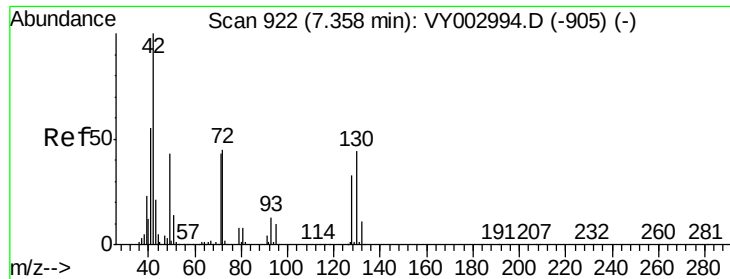


#28

Bromochloromethane
 Concen: 51.231 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	49	Resp	148302
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	96.8	73.8	110.8





#29

Tetrahydrofuran

Concen: 234.433 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

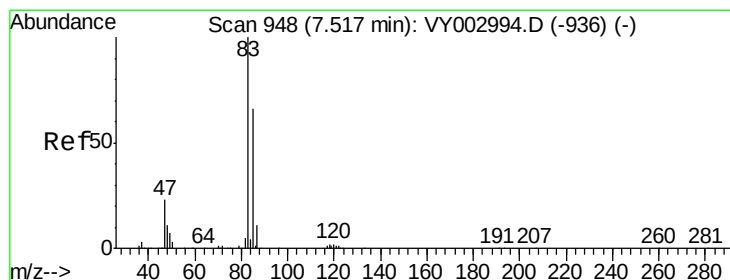
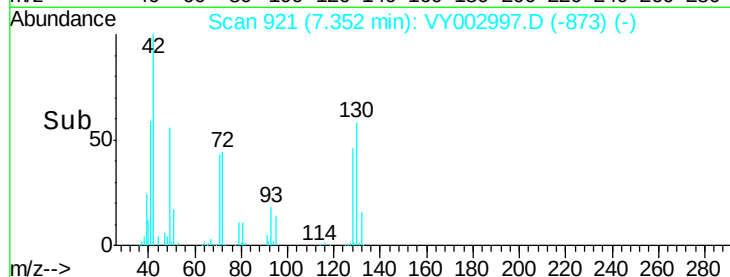
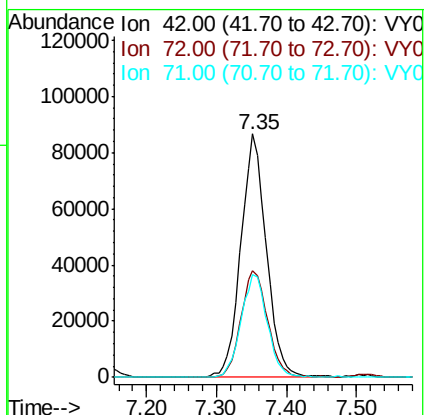
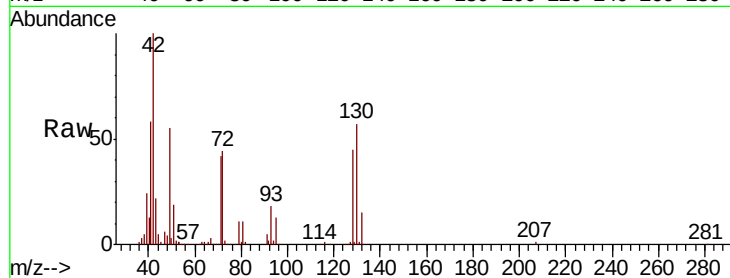
Tot Ion: 42 Resp: 219582

Ion Ratio Lower Upper

42 100

72 45.8 36.2 54.4

71 43.5 34.2 51.2



#30

Chloroform

Concen: 47.507 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002997.D

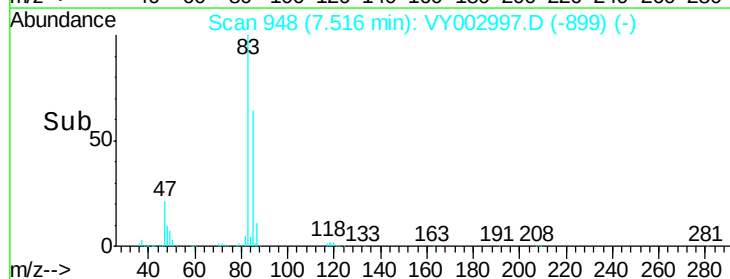
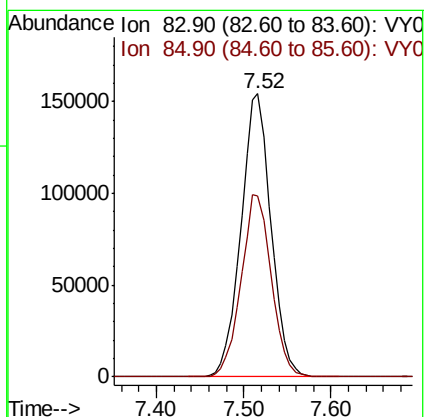
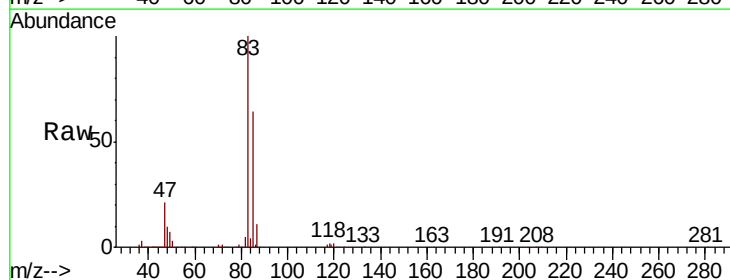
Acq: 25 Jun 2020 15:02

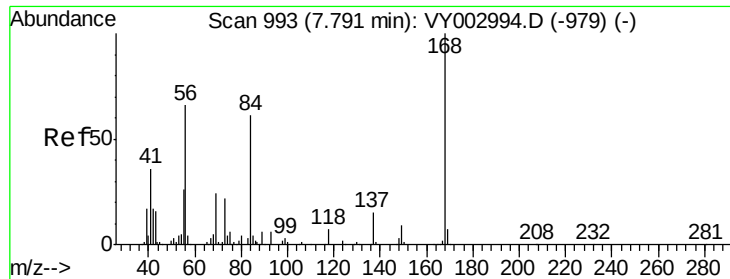
Tgt Ion: 83 Resp: 366856

Ion Ratio Lower Upper

83 100

85 63.9 52.6 78.8

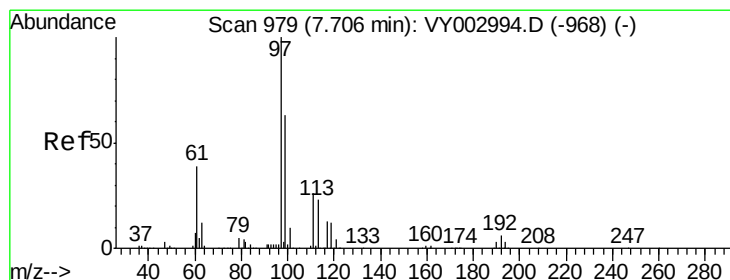
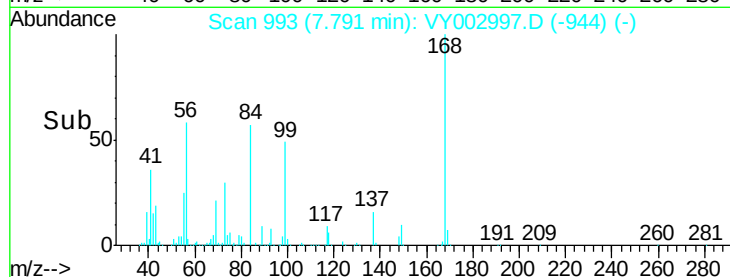
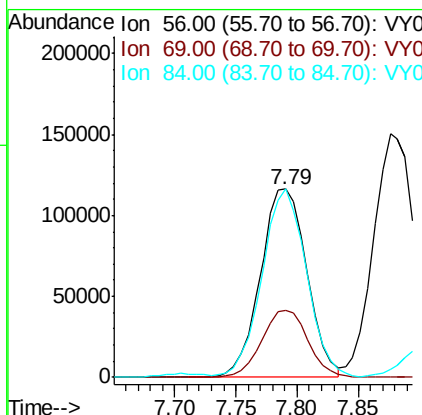
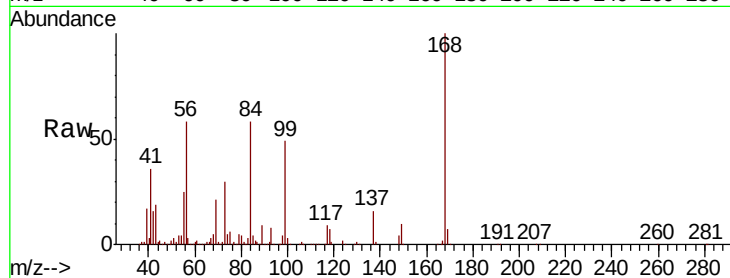




#31
Cyclohexane
Concen: 45.193 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

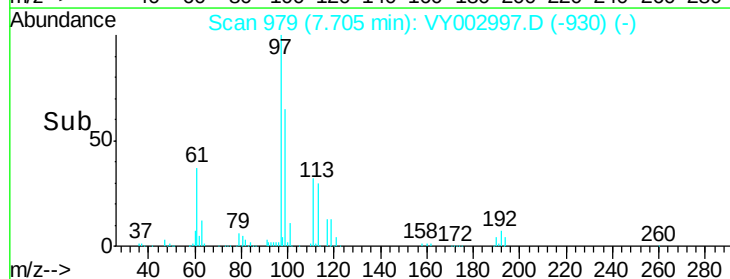
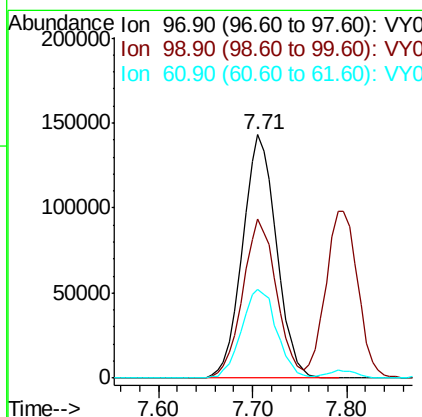
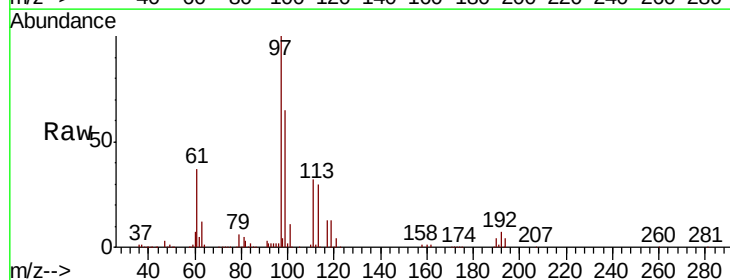
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

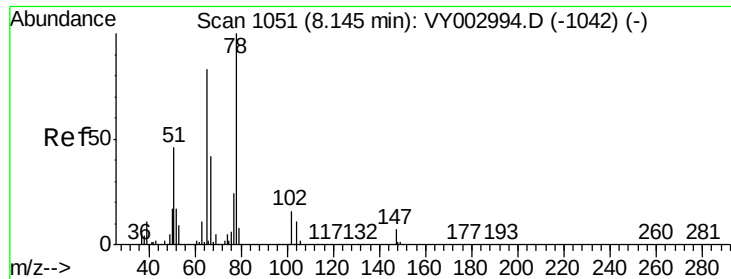
Tot Ion: 56 Resp: 308099
Ion Ratio Lower Upper
56 100
69 35.5 28.6 43.0
84 98.3 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 49.437 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 97 Resp: 360561
Ion Ratio Lower Upper
97 100
99 65.3 51.8 77.6
61 38.1 31.0 46.6

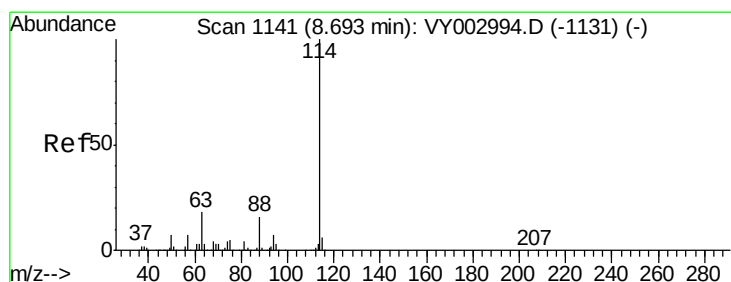
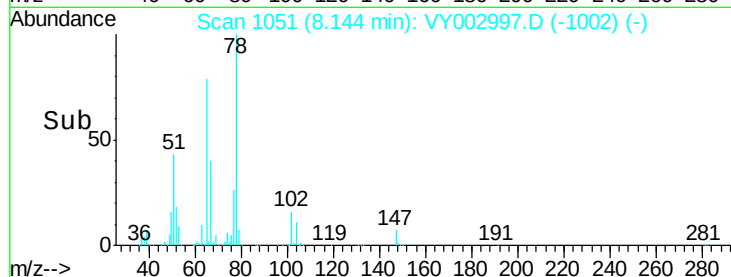
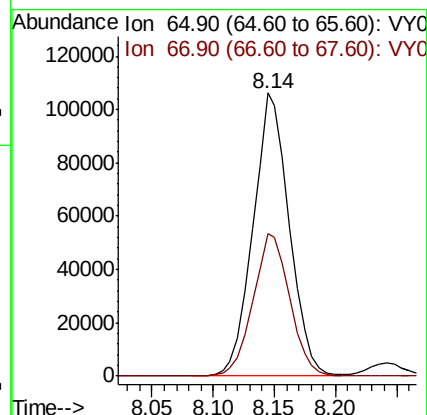
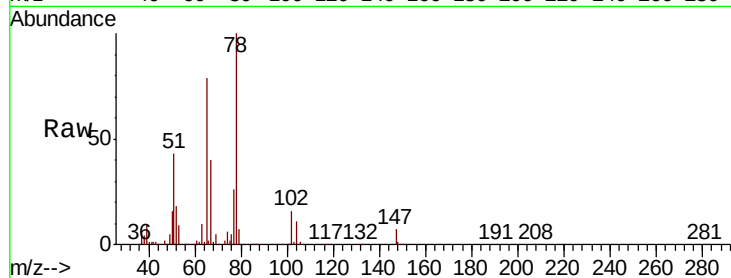




#33
 1,2-Dichloroethane-d4
 Concen: 51.703 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

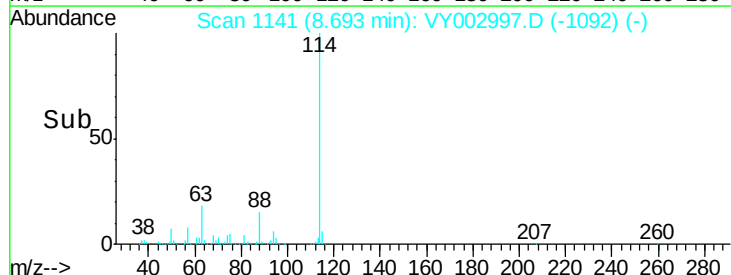
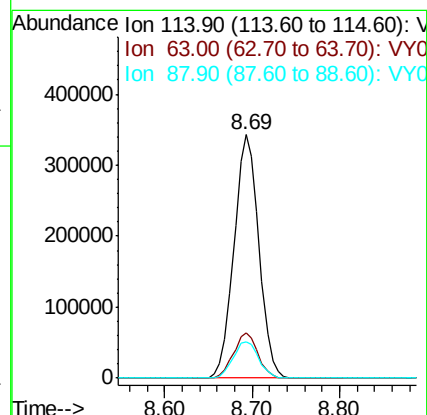
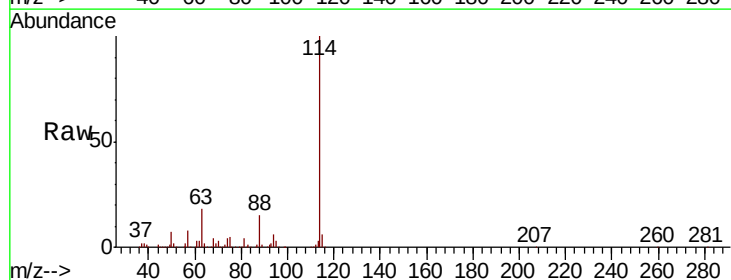
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

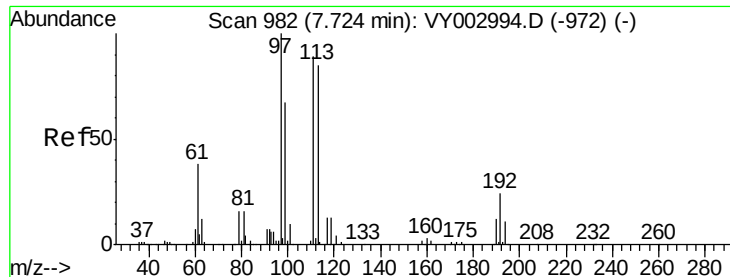
Tot Ion: 65 Resp: 218191
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 114 Resp: 676830
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.381 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

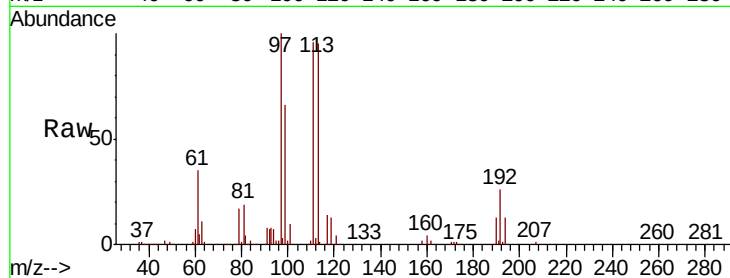
Tot Ion:113 Resp: 205414

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

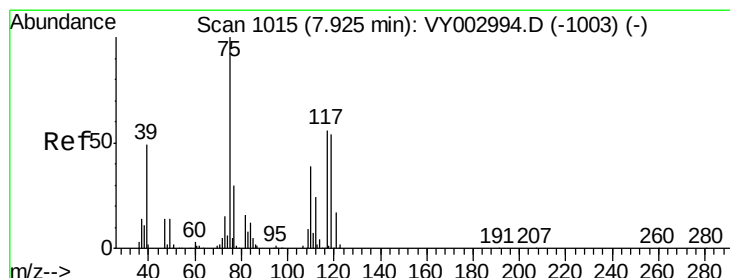
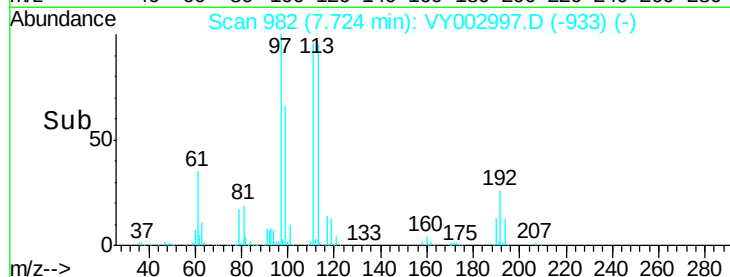
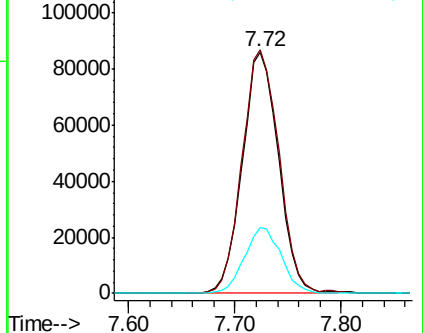
192 27.7 21.1 31.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 41.818 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

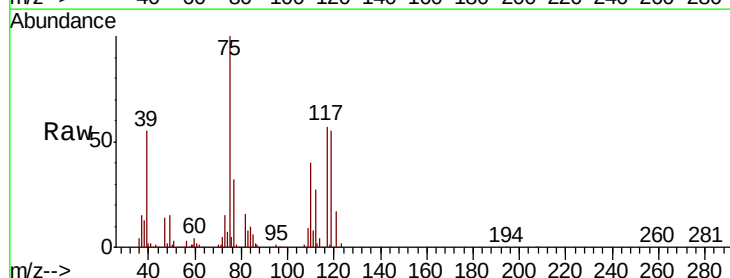
Tgt Ion: 75 Resp: 265547

Ion Ratio Lower Upper

75 100

110 38.8 18.9 56.9

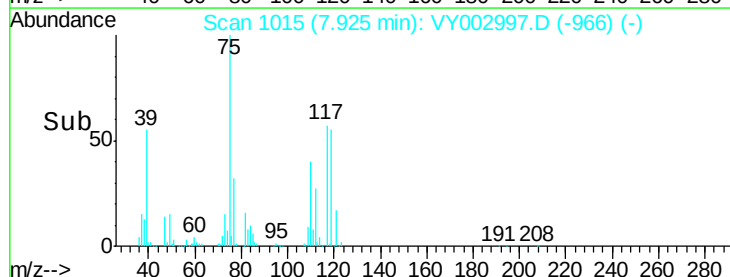
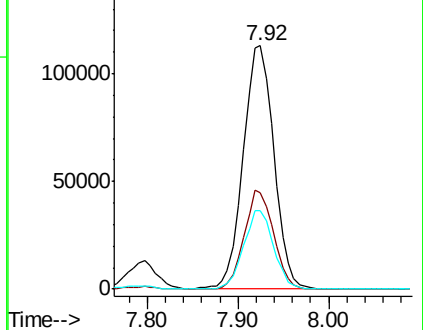
77 31.6 24.3 36.5

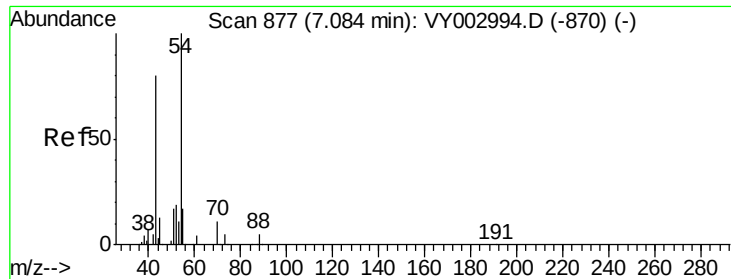


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

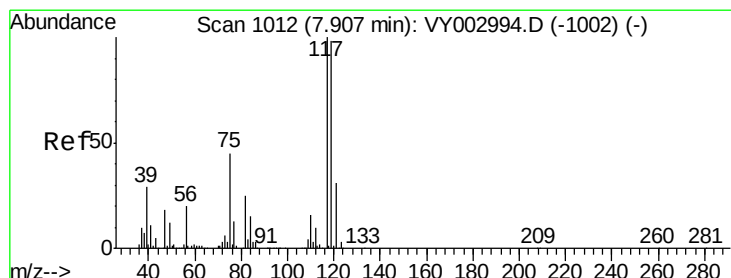
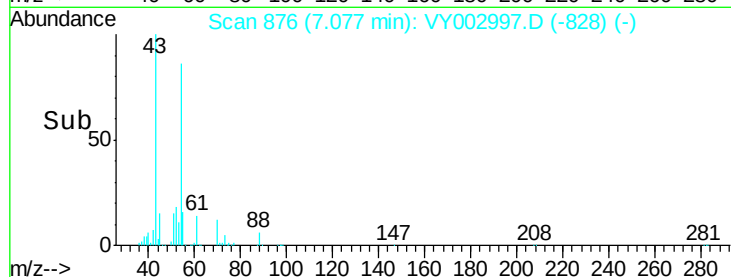
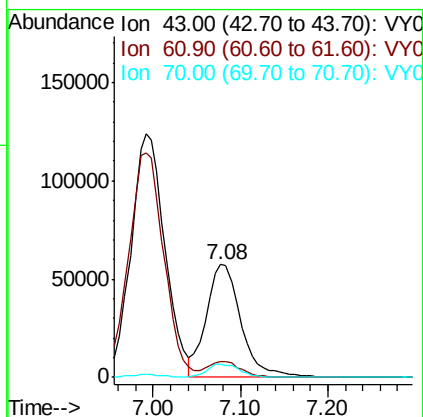
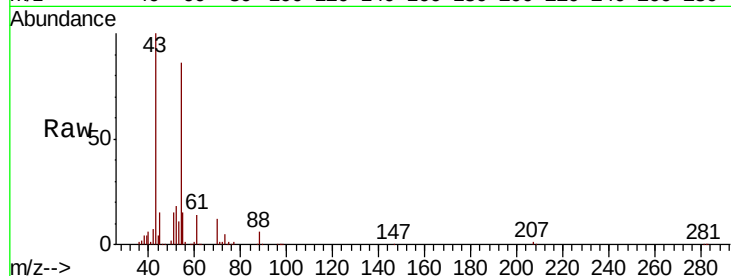




#37
Ethyl Acetate
Concen: 43.963 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

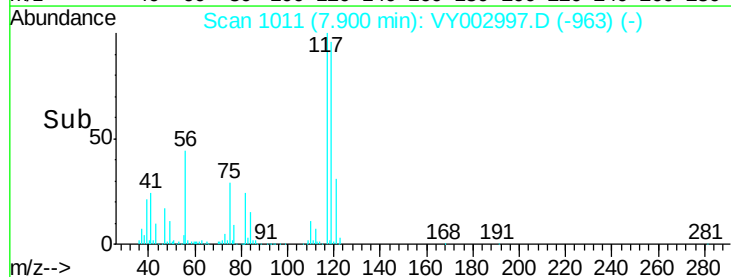
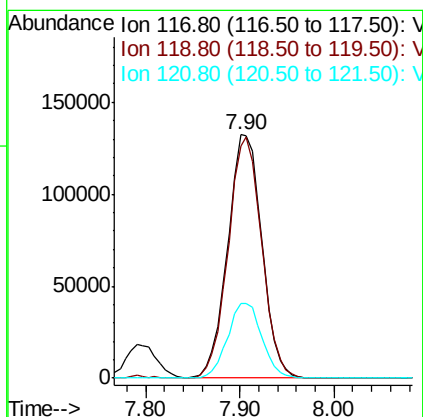
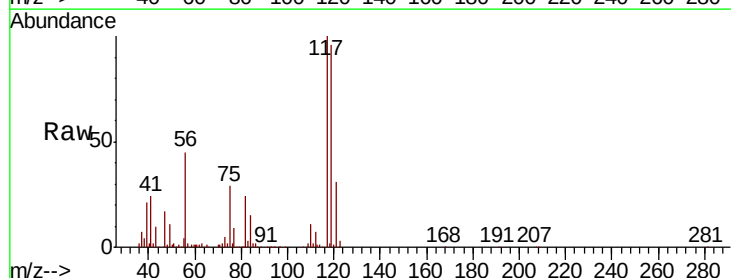
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

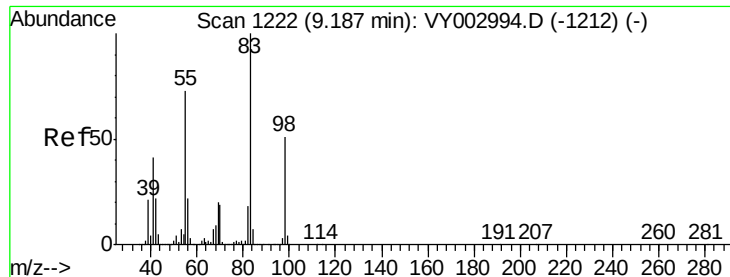
Tot Ion: 43 Resp: 156713
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 43.599 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 117 Resp: 334516
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.4
121 30.8 24.5 36.7

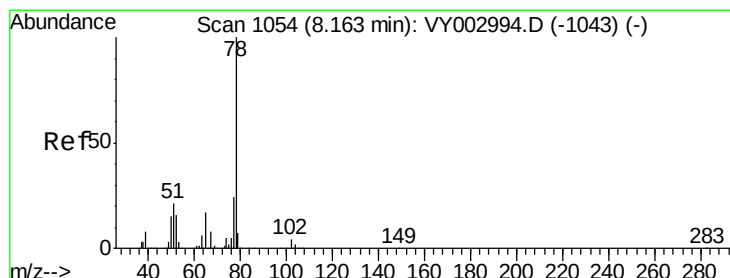
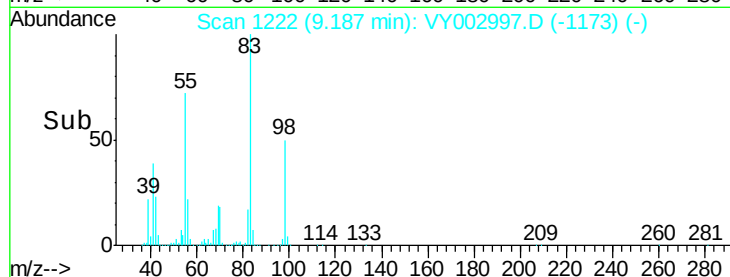
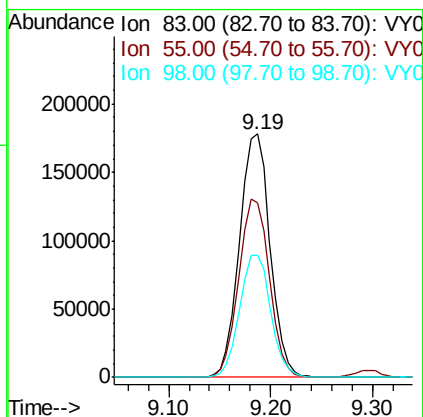
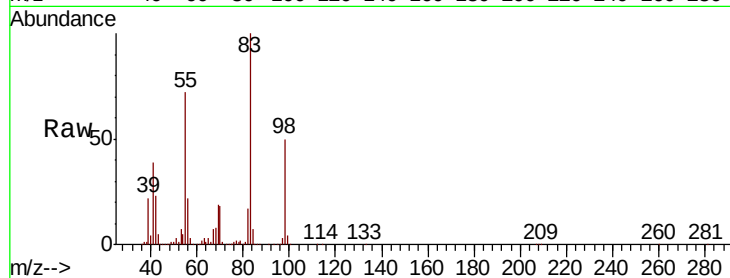




#39
Methylvlcyclohexane
Concen: 49.986 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

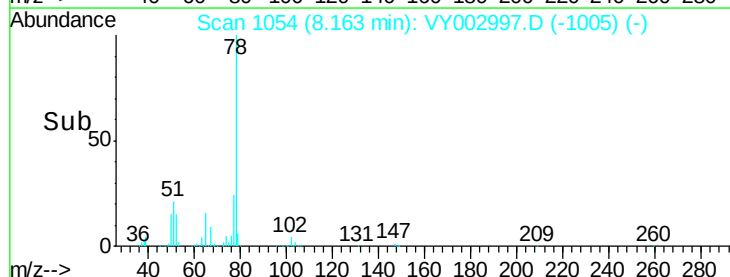
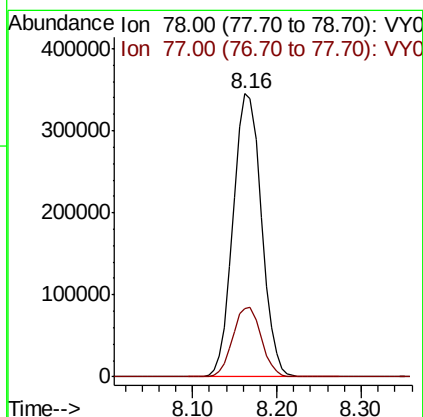
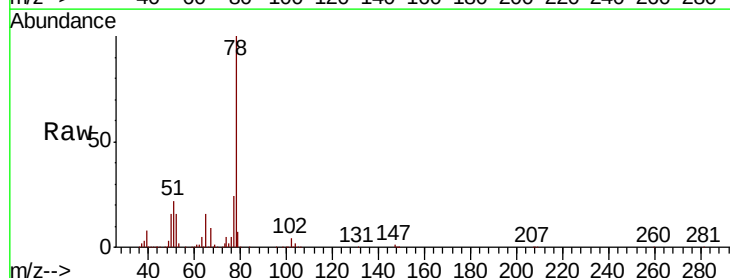
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

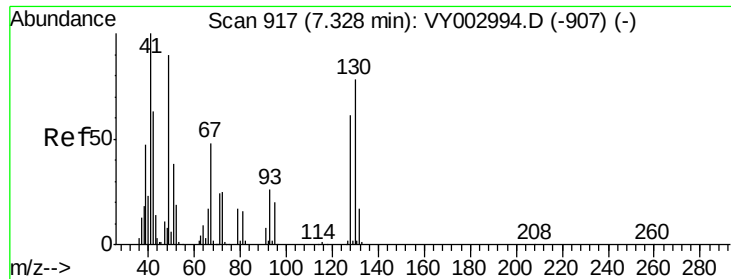
Tot Ion	83.00	Resp:	372800
Ion	Ratio	Lower	Upper
83	100		
55	71.9	58.6	87.8
98	50.2	41.0	61.6



#40
Benzene
Concen: 45.533 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	78.00	Resp:	781983
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8

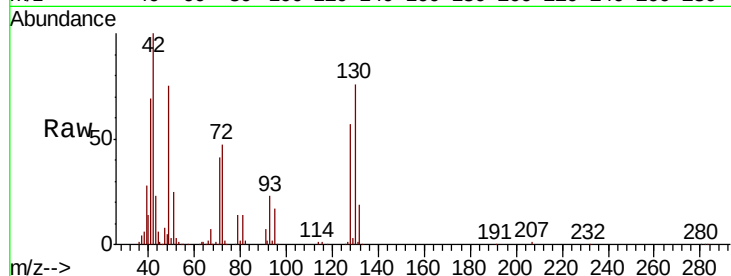




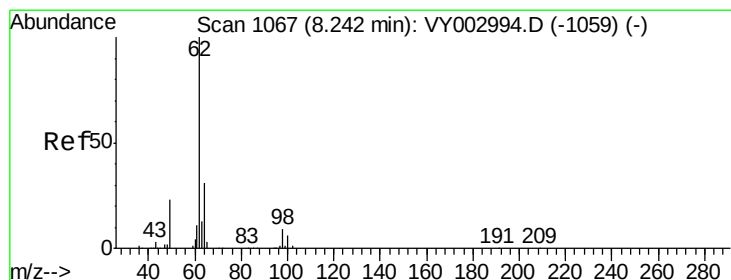
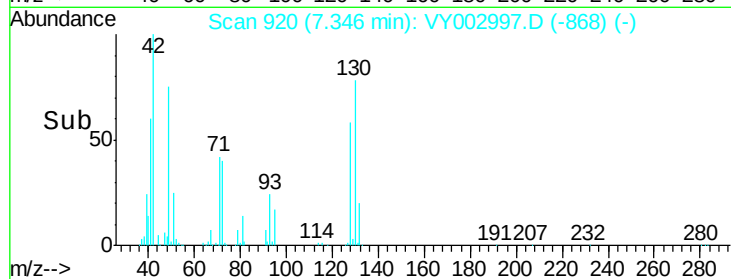
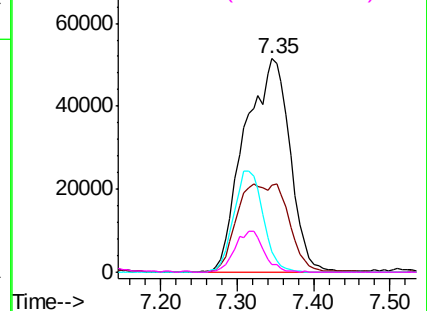
#41
Methacrylonitrile
Concen: 104.540 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion:	41	Resp:	212451
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

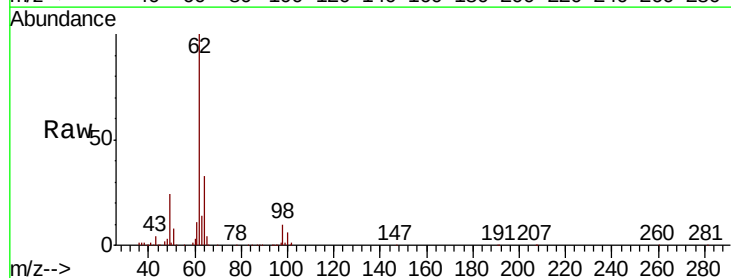


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

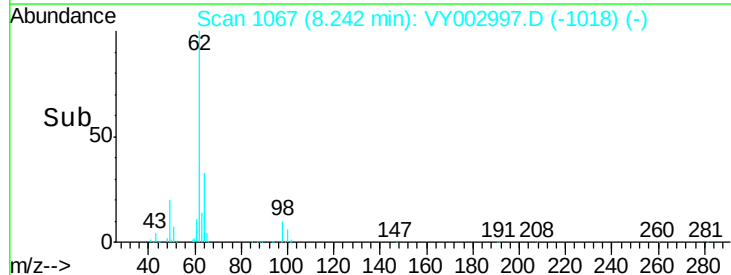
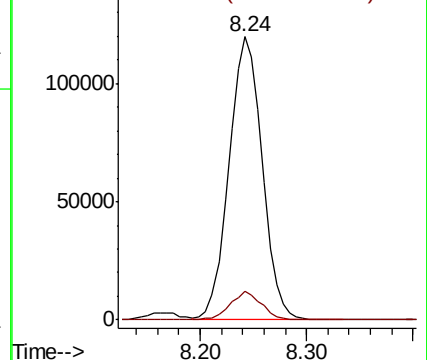


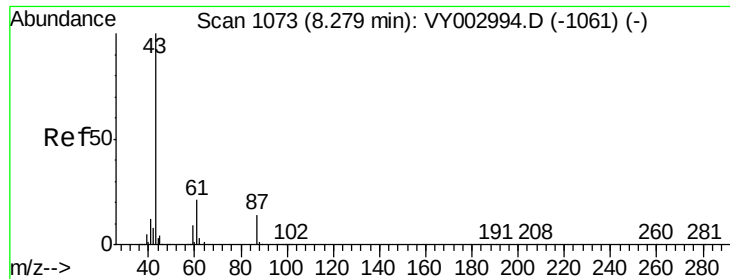
#42
1,2-Dichloroethane
Concen: 47.187 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion:	62	Resp:	260836
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 48.772 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

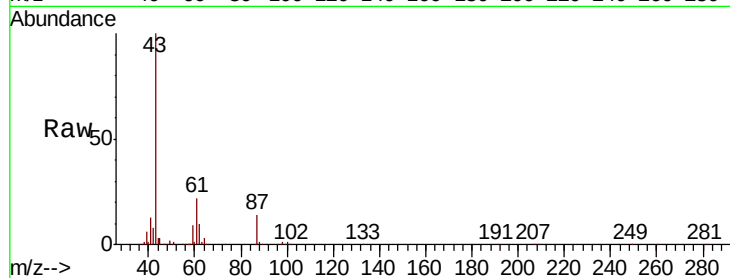
Tot Ion: 43 Resp: 305976

Ion Ratio Lower Upper

43 100

61 29.2 23.2 34.8

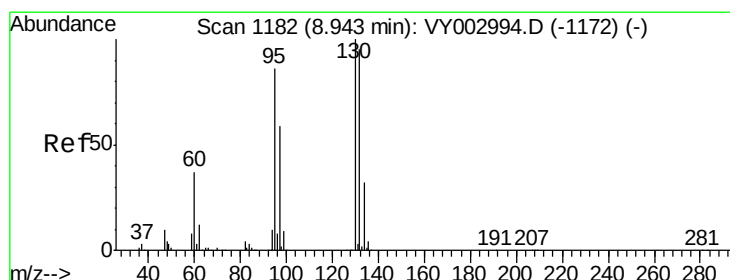
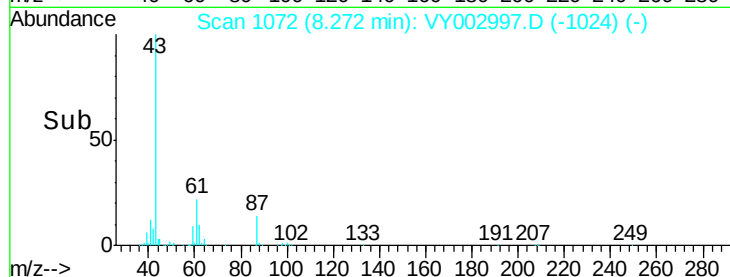
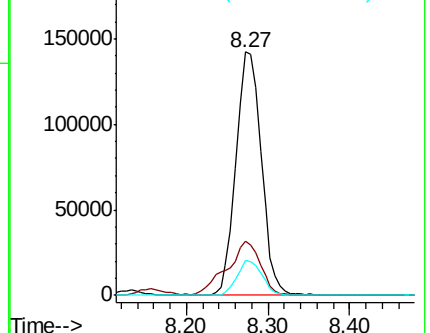
87 14.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 48.434 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002997.D

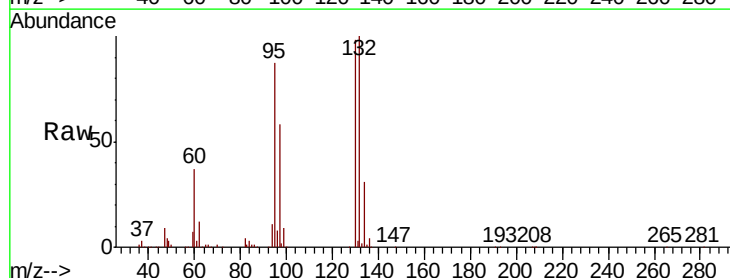
Acq: 25 Jun 2020 15:02

Tgt Ion:130 Resp: 259488

Ion Ratio Lower Upper

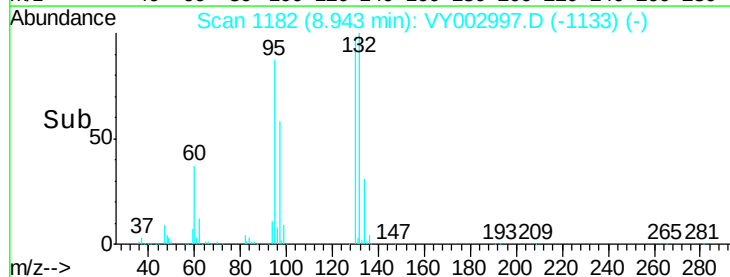
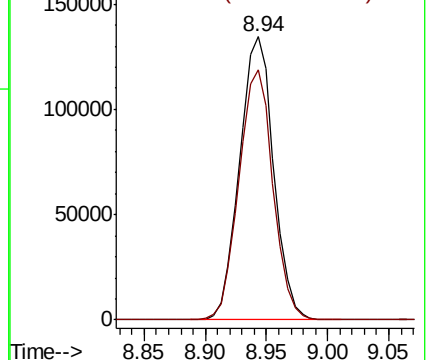
130 100

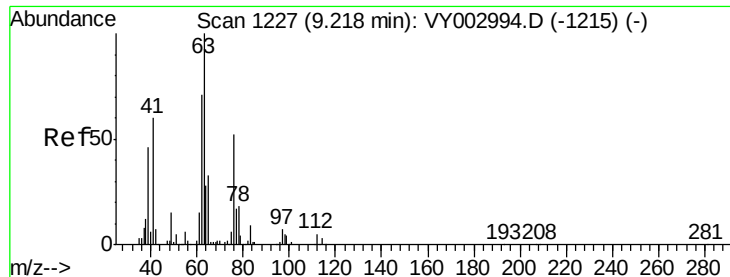
95 88.3 0.0 171.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

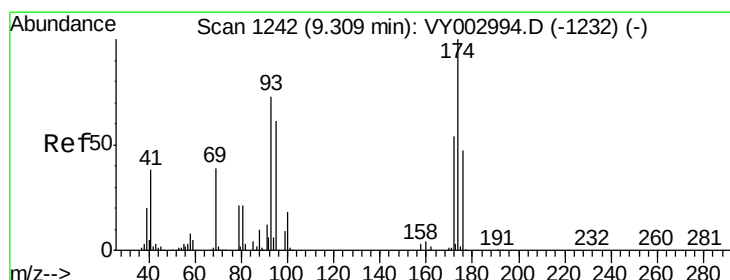
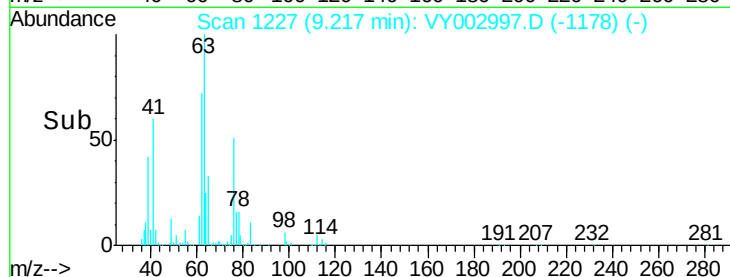
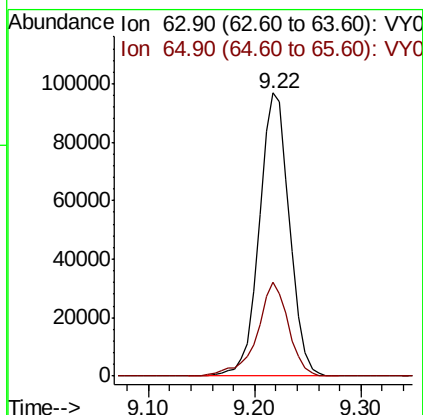
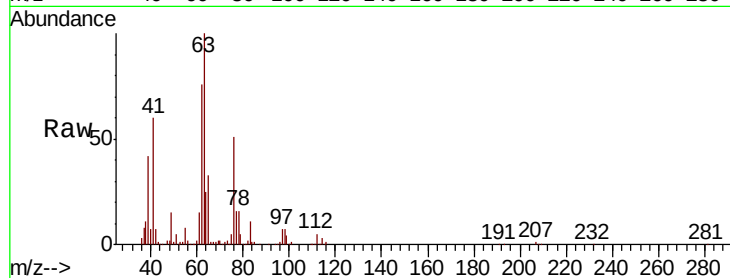




#45
 1,2-Dichloropropane
 Concen: 48.218 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

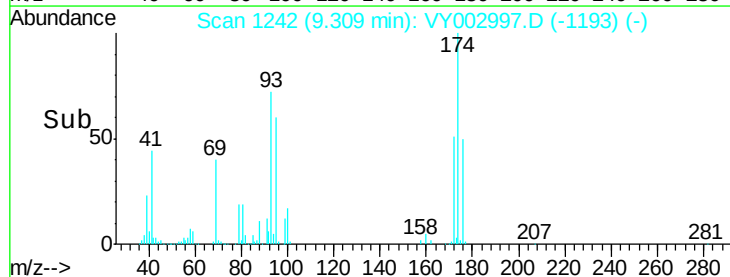
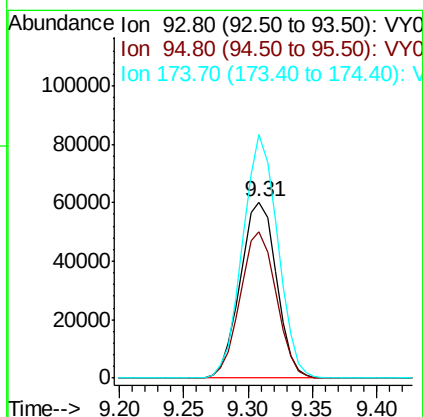
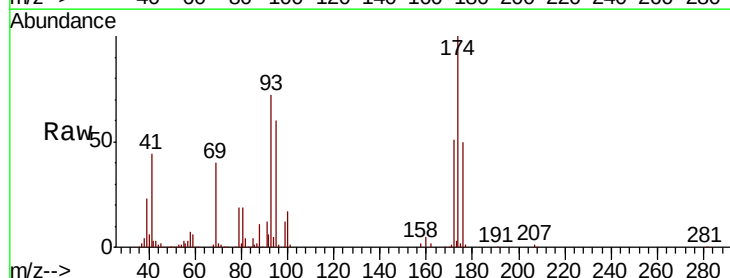
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

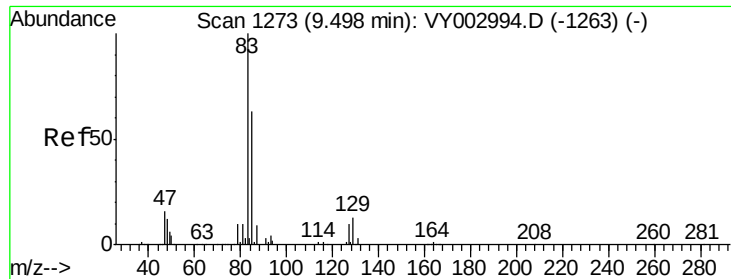
Tot Ion: 63 Resp: 191603
 Ion Ratio Lower Upper
 63 100
 65 33.3 26.2 39.4



#46
 Dibromomethane
 Concen: 48.690 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 93 Resp: 117279
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.2
 174 133.7 109.8 164.8





#47

Bromodichloromethane

Concen: 49.720 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

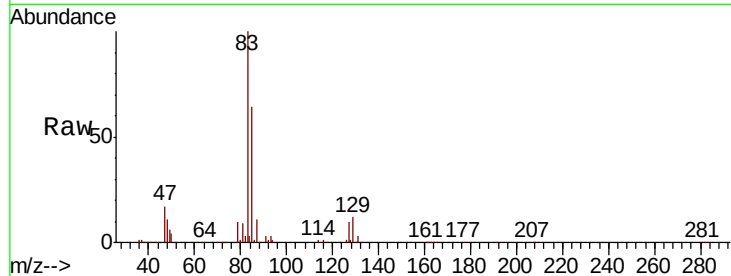
Tot Ion: 83 Resp: 297123

Ion Ratio Lower Upper

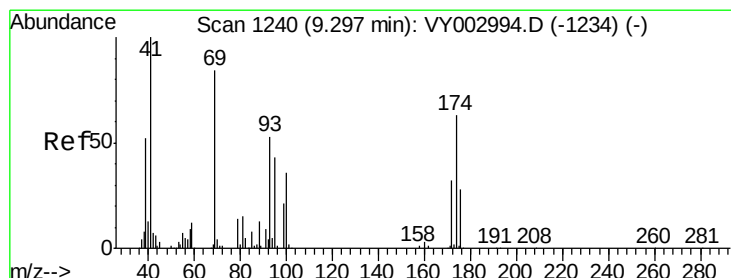
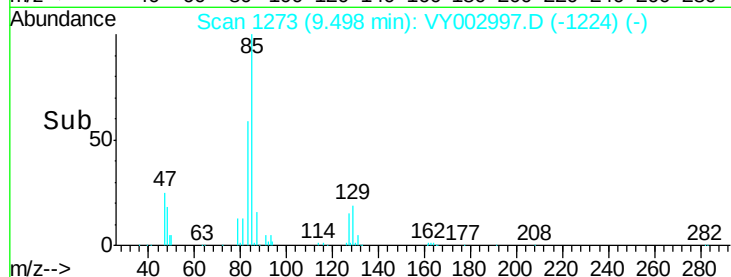
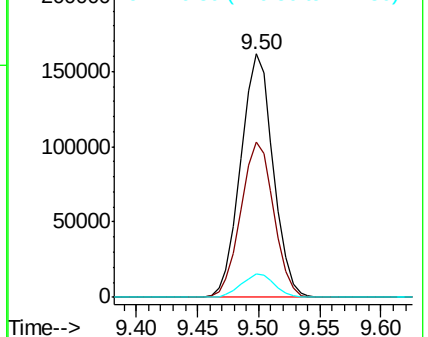
83 100

85 63.8 50.2 75.4

127 9.5 7.8 11.6



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: 48.872 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

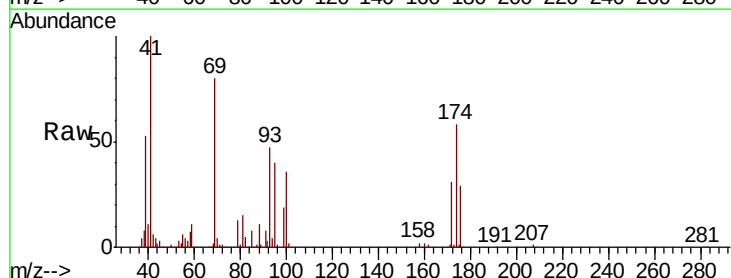
Tgt Ion: 41 Resp: 140508

Ion Ratio Lower Upper

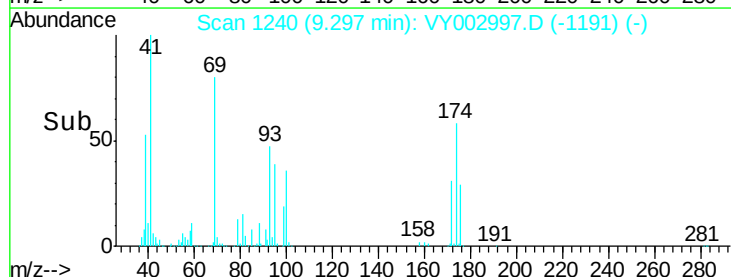
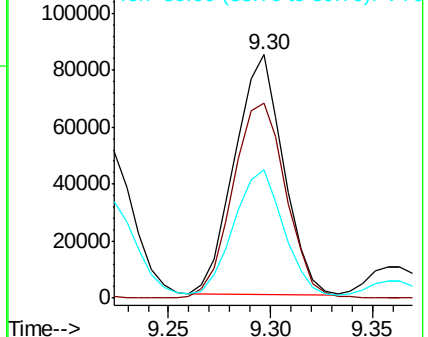
41 100

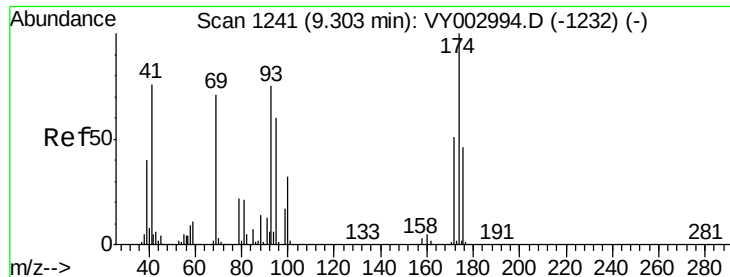
69 88.1 70.2 105.2

39 53.2 45.0 67.6



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: 1079.908 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

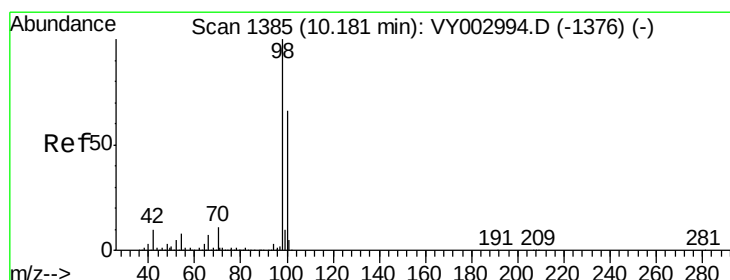
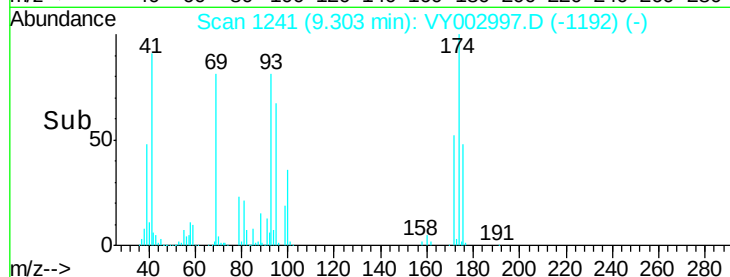
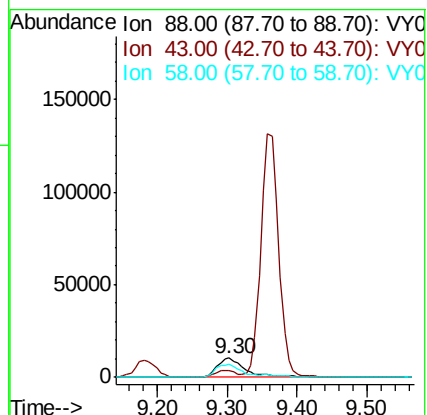
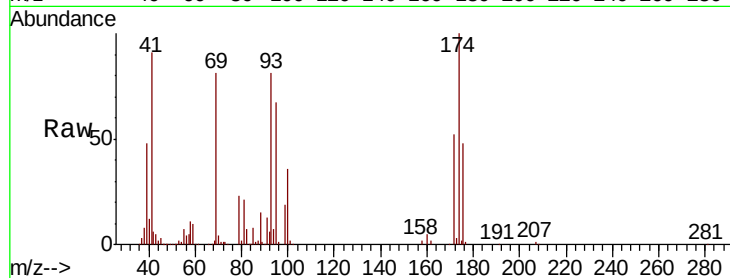
Tot Ion: 88 Resp: 30364

Ion Ratio Lower Upper

88 100

43 27.9 26.6 39.8

58 70.5 50.6 75.8



#50

Toluene-d8

Concen: 50.172 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002997.D

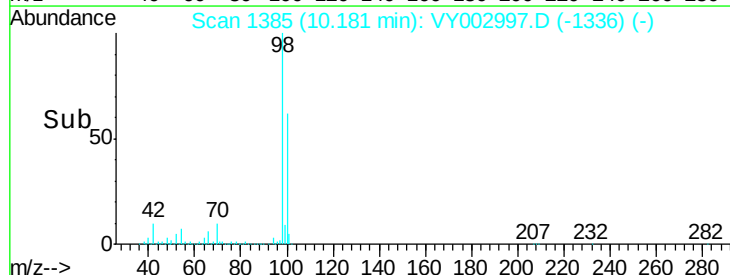
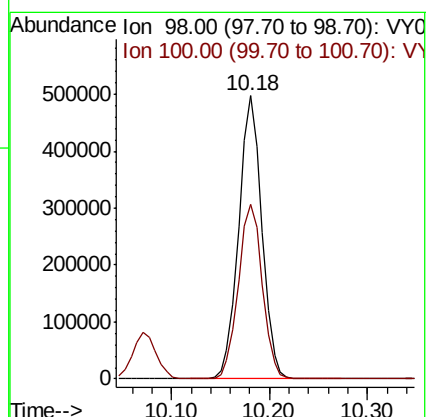
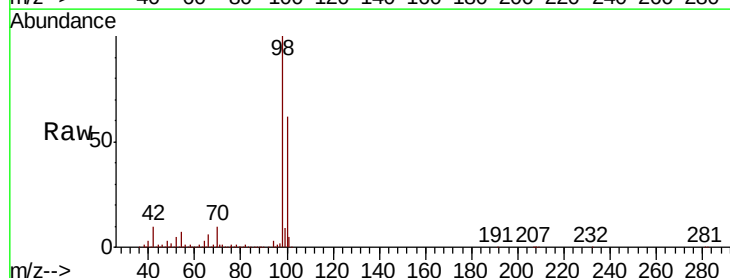
Acq: 25 Jun 2020 15:02

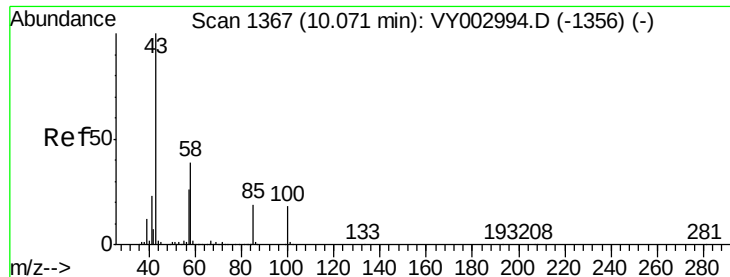
Tgt Ion: 98 Resp: 816693

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

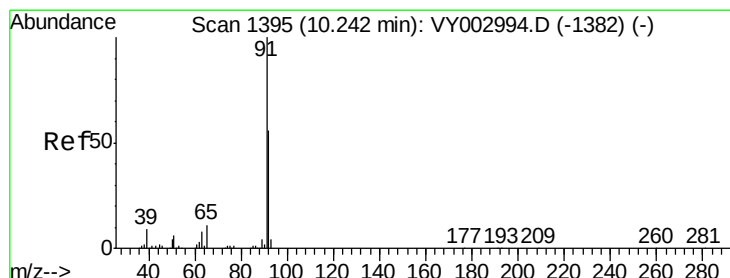
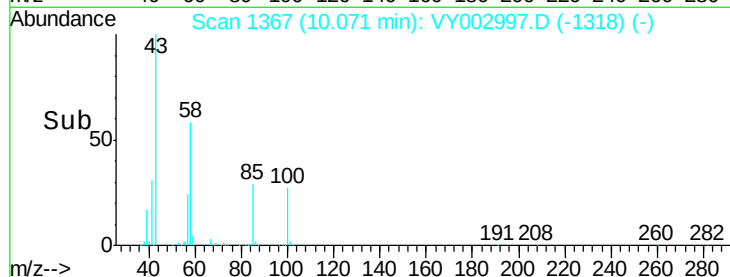
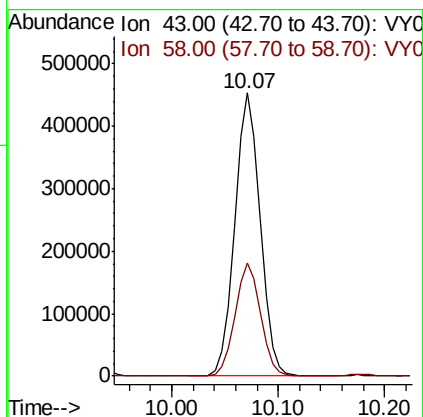
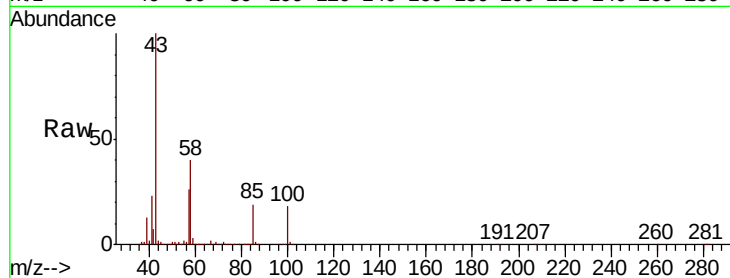




#51
4-Methyl-2-Pentanone
Concen: 233.858 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

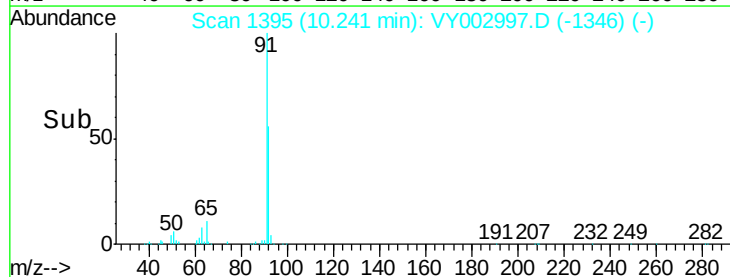
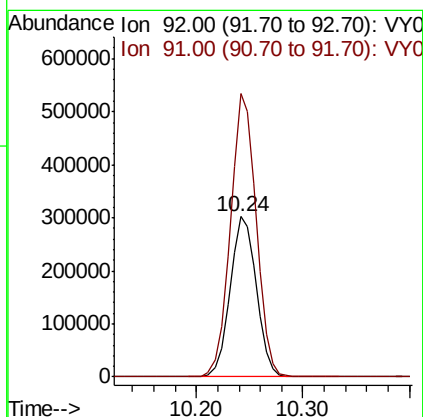
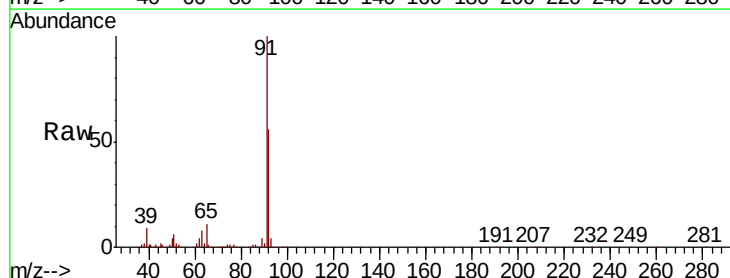
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

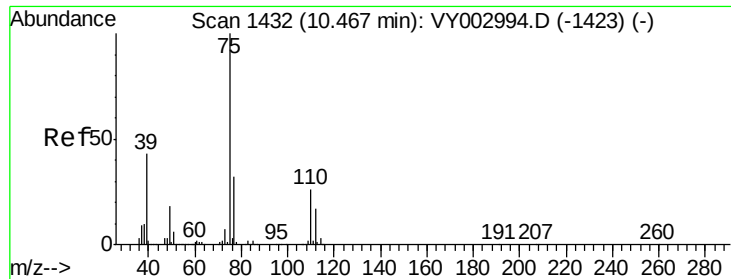
Tot Ion: 43 Resp: 757518
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0



#52
Toluene
Concen: 45.650 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 92 Resp: 522436
Ion Ratio Lower Upper
92 100
91 173.8 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 46.507 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

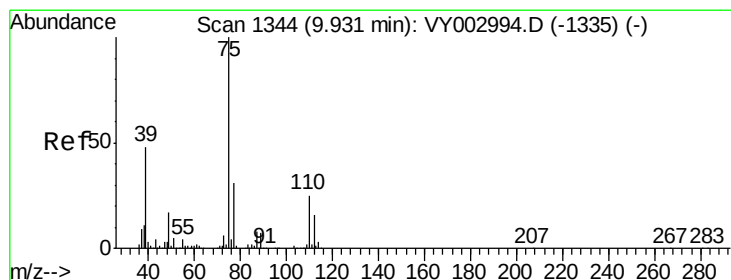
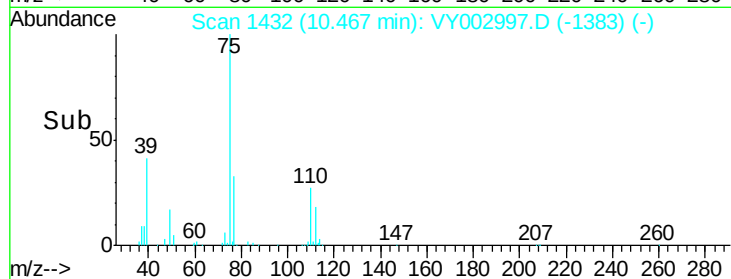
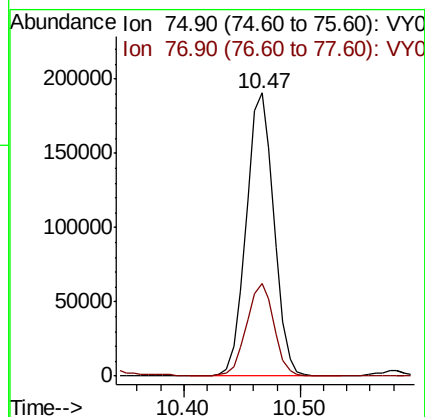
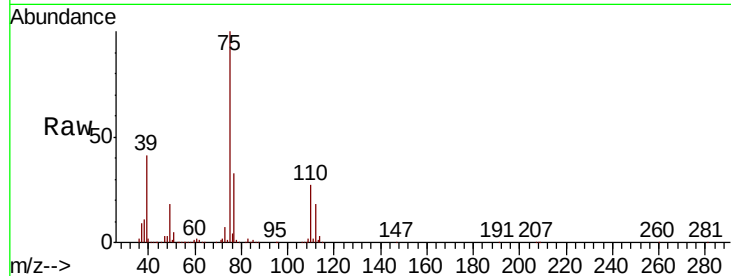
ICVY062520

Tot Ion: 75 Resp: 316287

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.985 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

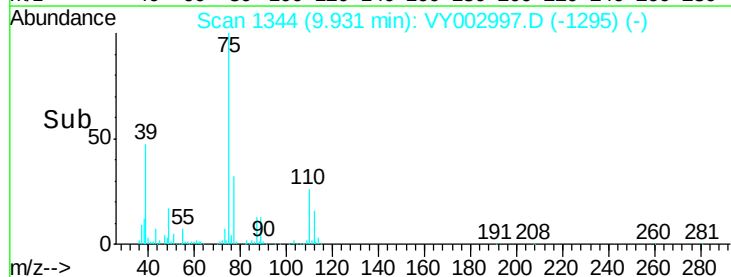
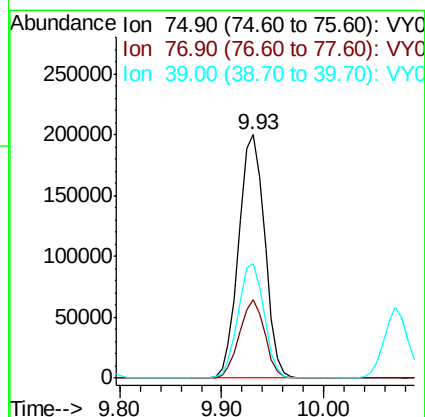
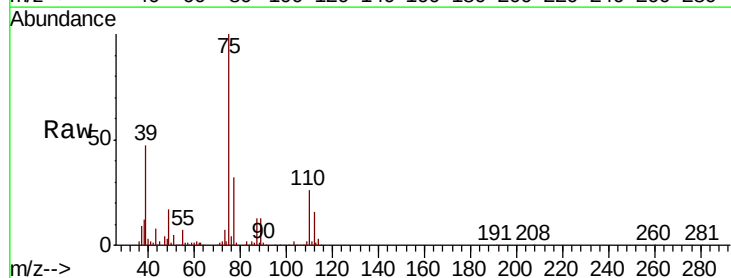
Tgt Ion: 75 Resp: 352602

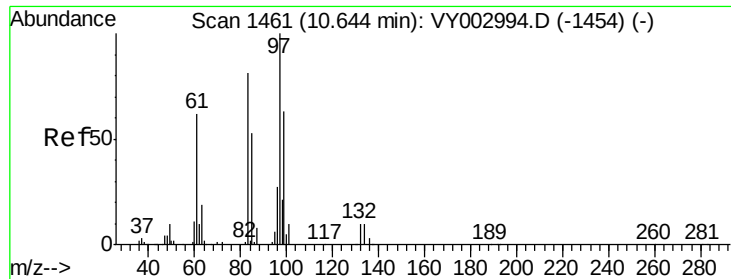
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 46.8 38.4 57.6

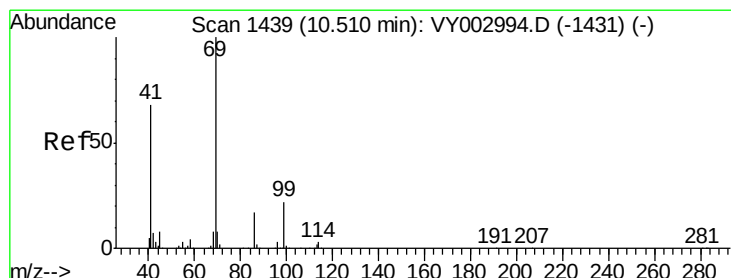
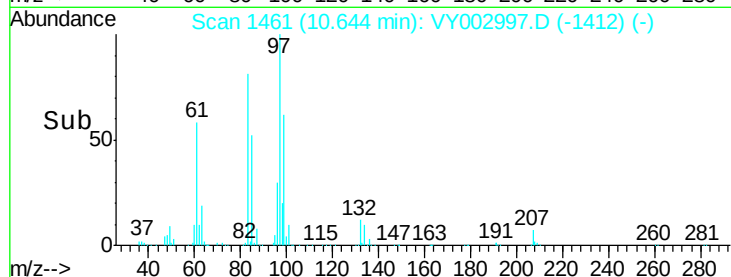
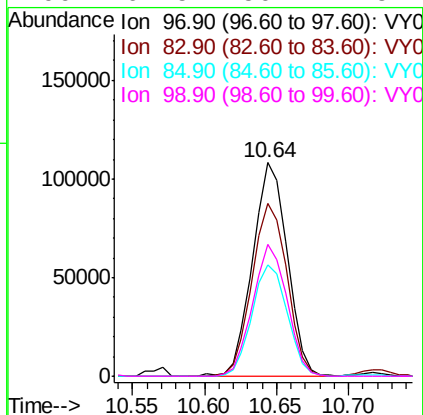
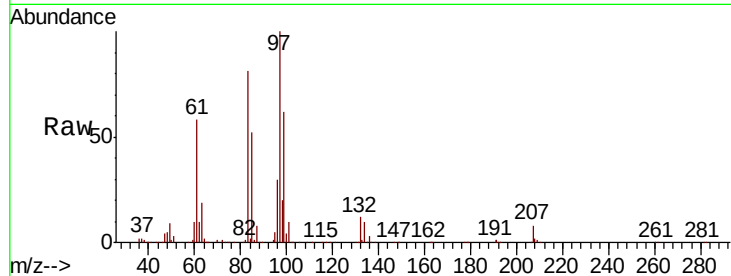




#55
 1,1,2-Trichloroethane
 Concen: 48.618 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

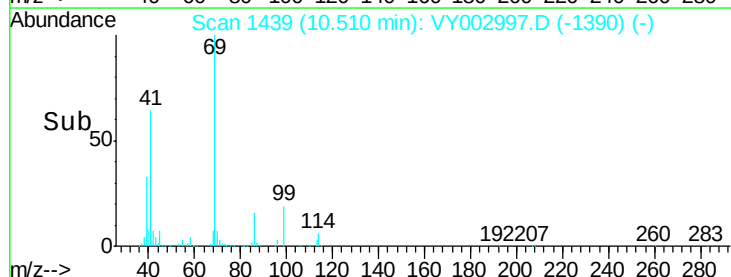
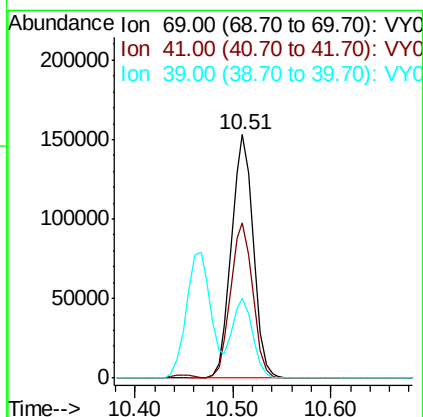
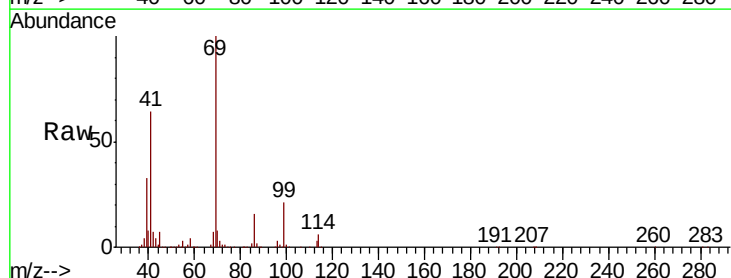
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

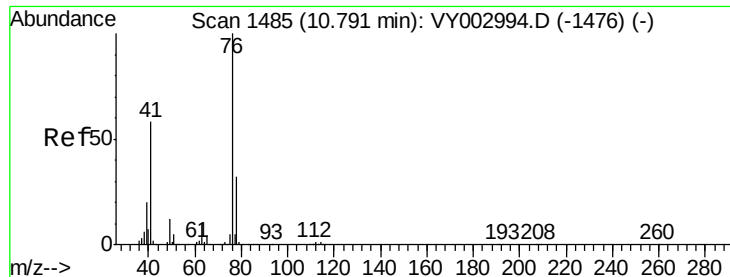
Tot Ion:	97	Resp:	180213
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.6	96.8
85	52.3	42.6	63.8
99	61.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 46.465 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion:	69	Resp:	237774
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.4	77.0
39	30.1	24.4	36.6





#57

1,3-Dichloropropane

Concen: 44.821 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

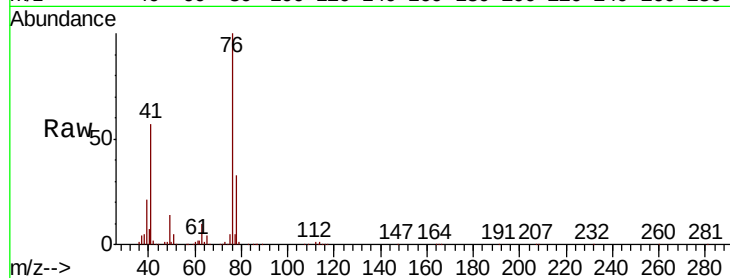
ICVY062520

Tot Ion: 76 Resp: 282978

Ion Ratio Lower Upper

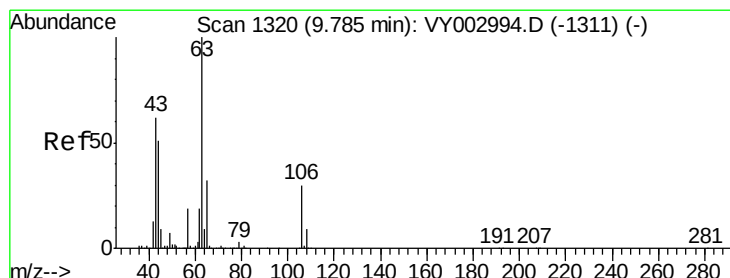
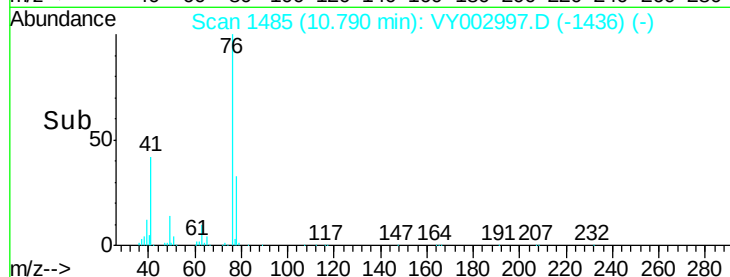
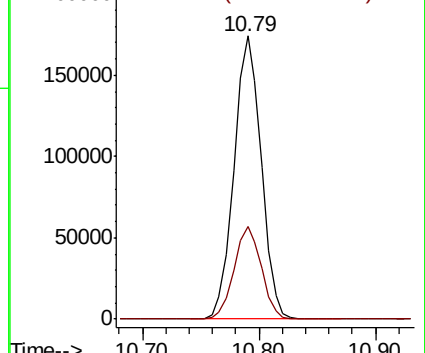
76 100

78 32.8 25.8 38.6



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: 275.108 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002997.D

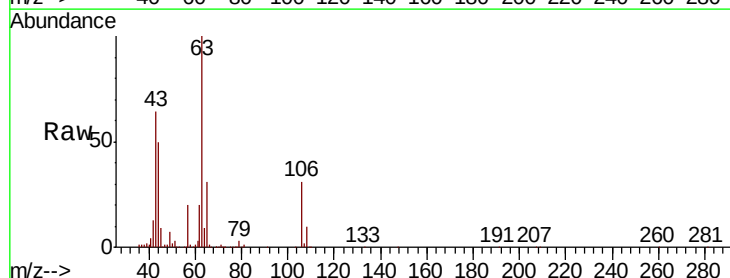
Acq: 25 Jun 2020 15:02

Tgt Ion: 63 Resp: 618523

Ion Ratio Lower Upper

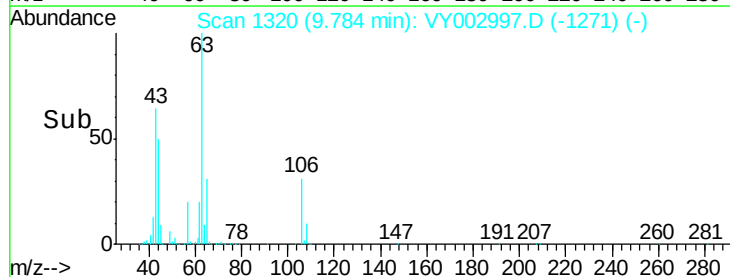
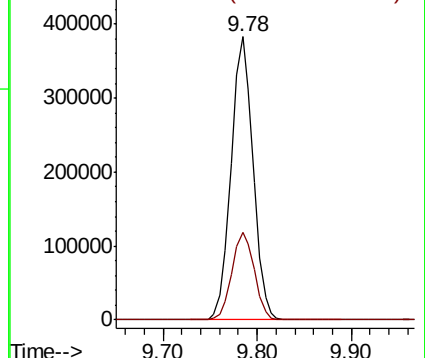
63 100

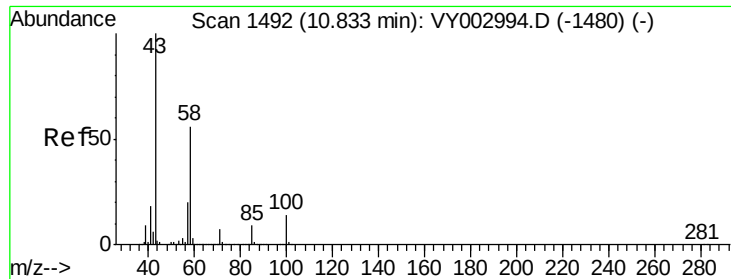
106 31.5 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

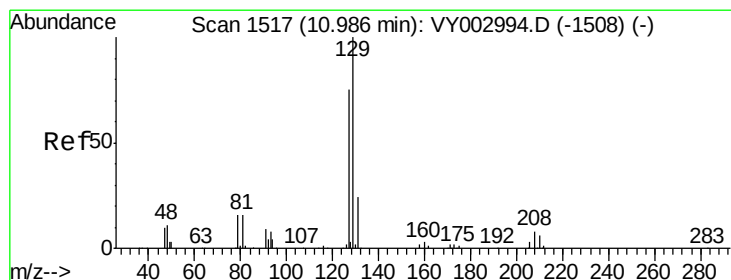
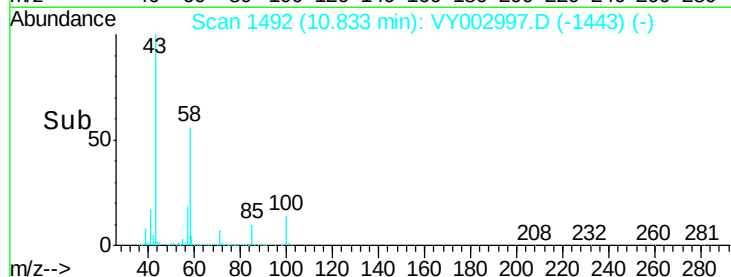
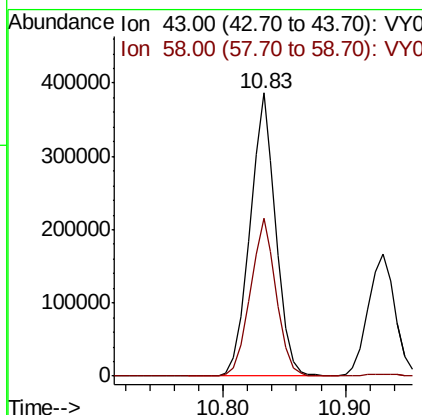
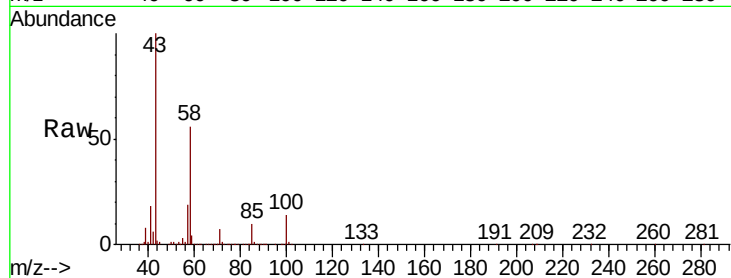




#59
2-Hexanone
Concen: 239.464 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

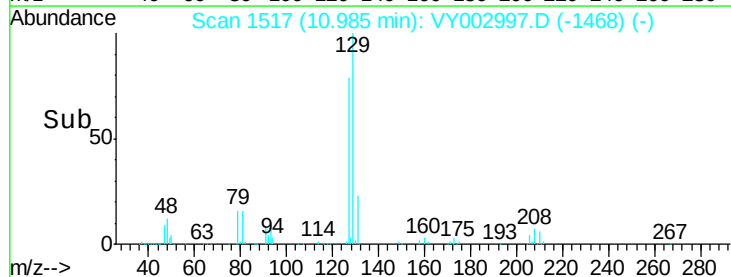
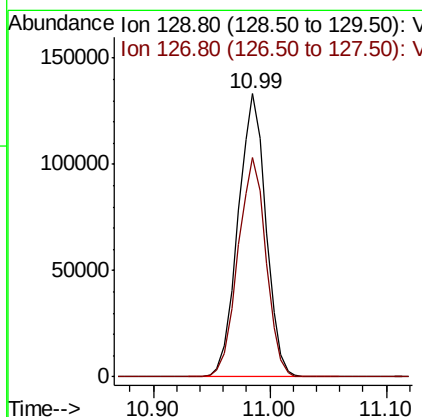
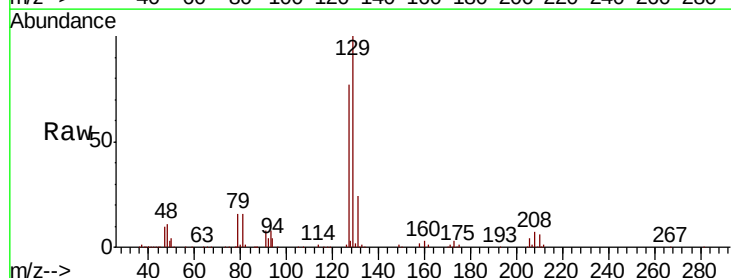
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

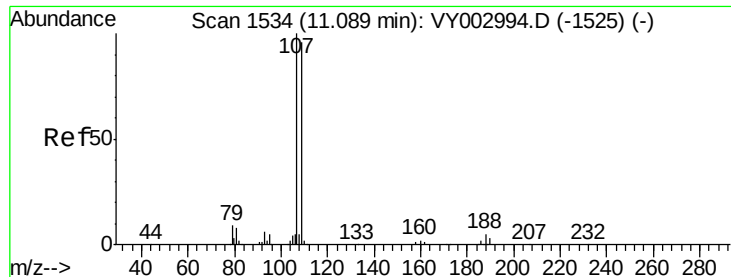
Tot Ion: 43 Resp: 565886
Ion Ratio Lower Upper
43 100
58 55.7 27.4 82.0



#60
Dibromochloromethane
Concen: 43.467 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 129 Resp: 222504
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 39.995 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

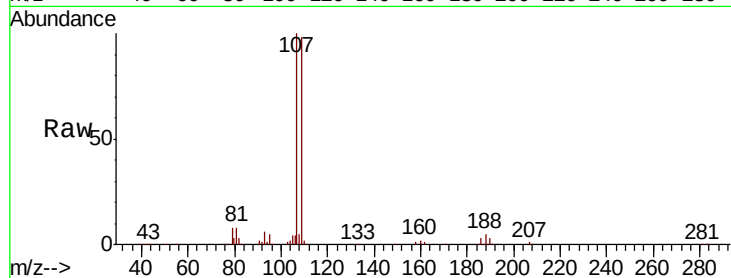
ICVY062520

Tot Ion:107 Resp: 149075

Ion Ratio Lower Upper

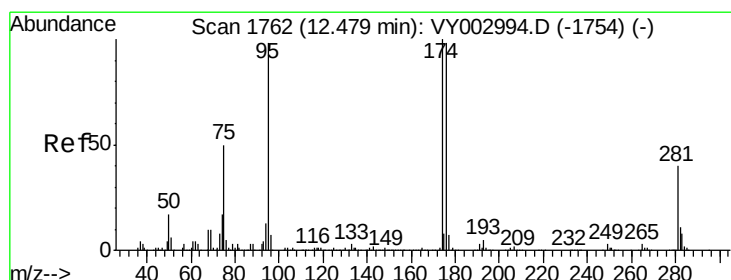
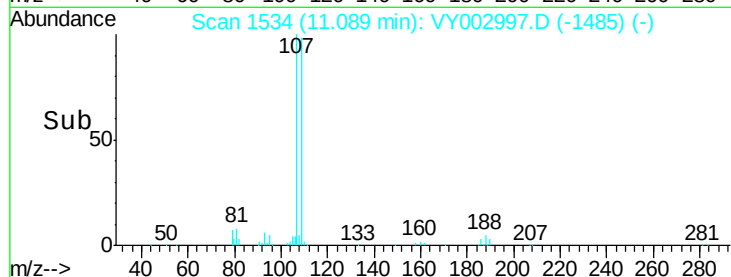
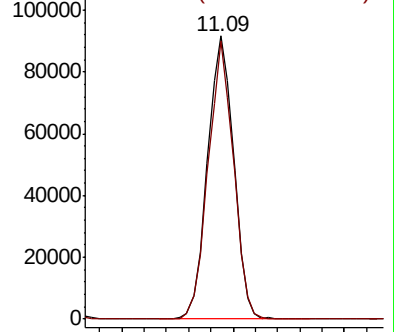
107 100

109 95.0 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.120 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

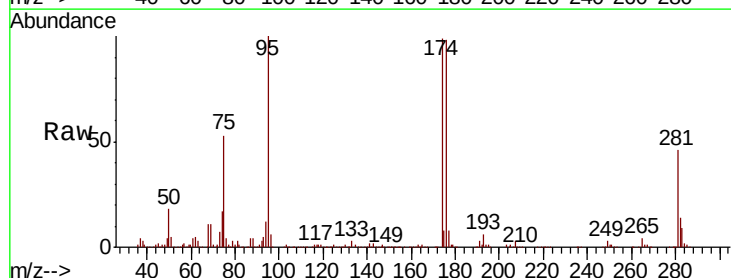
Tgt Ion: 95 Resp: 292331

Ion Ratio Lower Upper

95 100

174 104.3 0.0 209.2

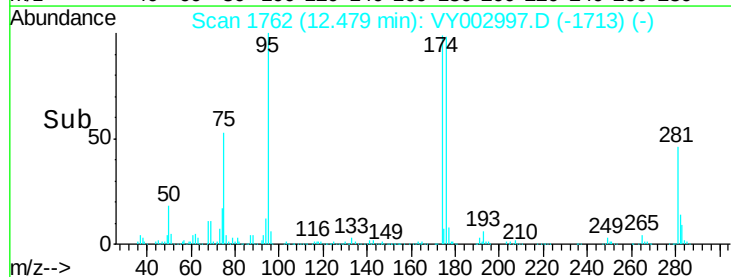
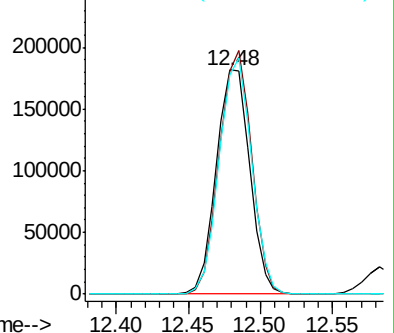
176 101.8 0.0 206.2

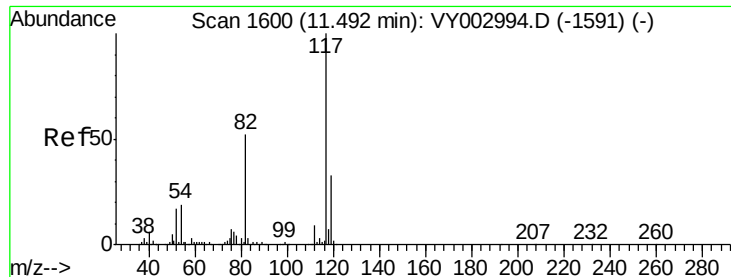


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

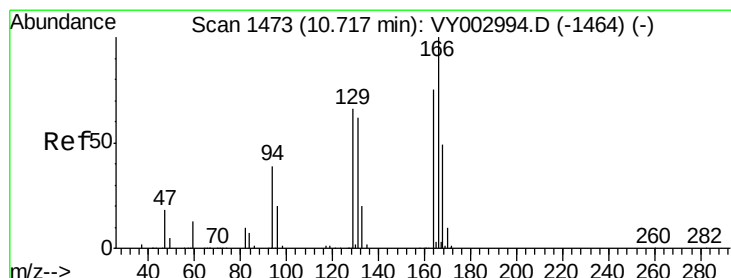
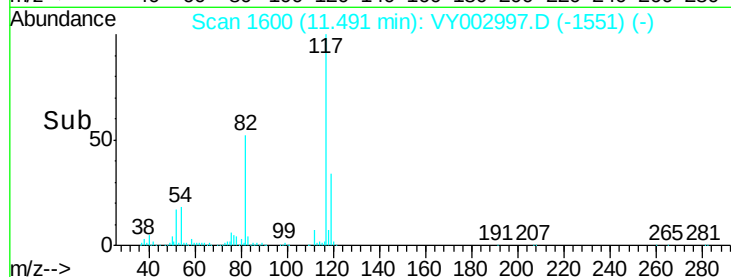
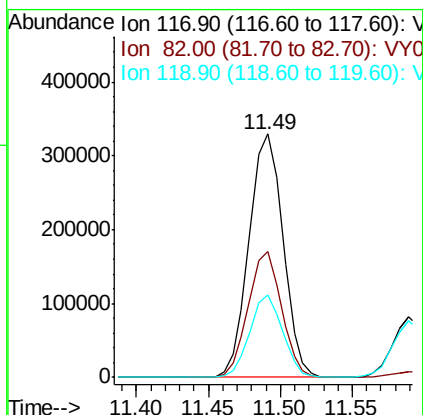
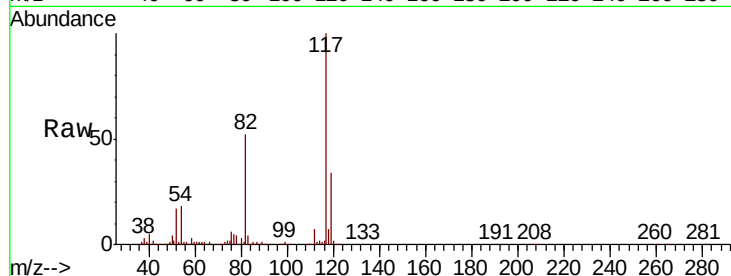




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

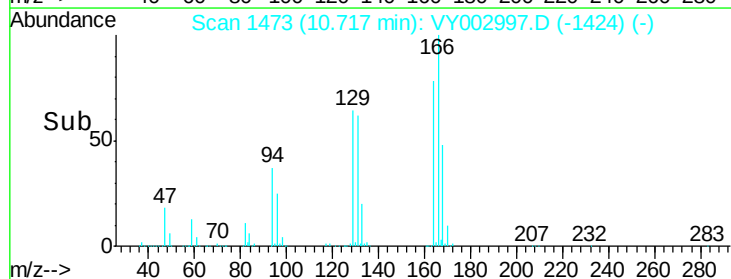
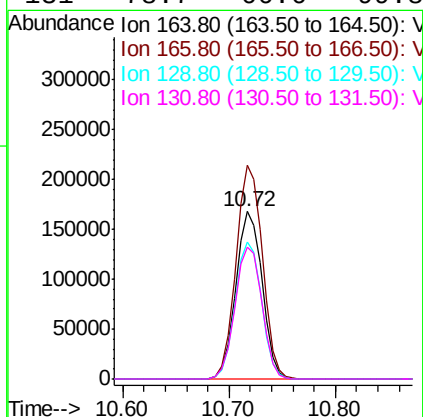
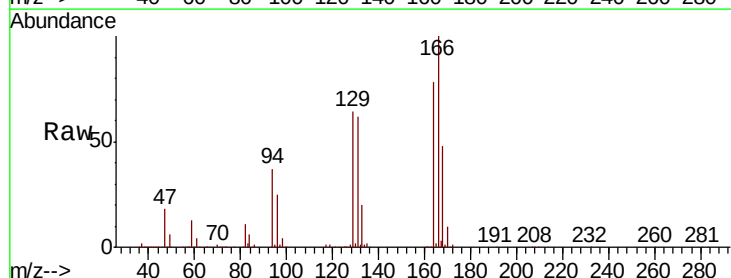
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

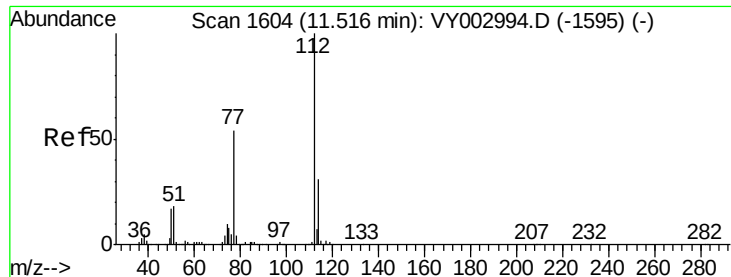
Tot Ion:117 Resp: 537666
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 33.6 26.7 40.1



#64
Tetrachloroethene
Concen: 58.394 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion:164 Resp: 291516
Ion Ratio Lower Upper
164 100
166 127.5 106.8 160.2
129 81.6 69.9 104.9
131 78.7 66.6 99.8

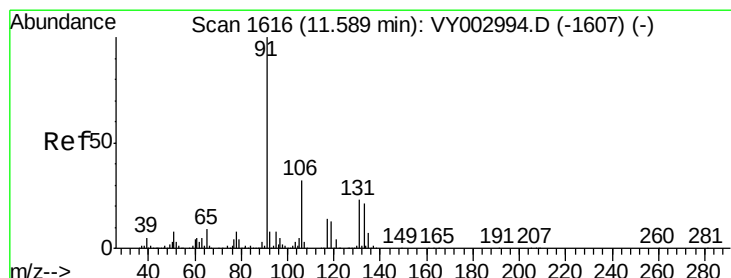
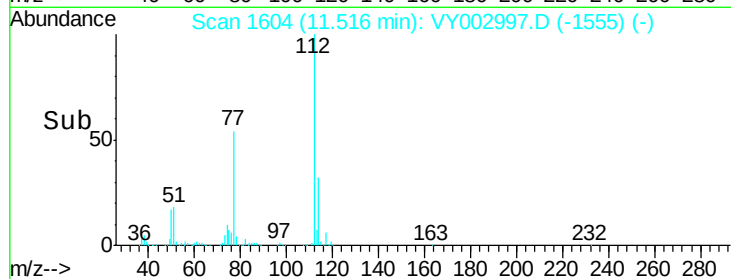
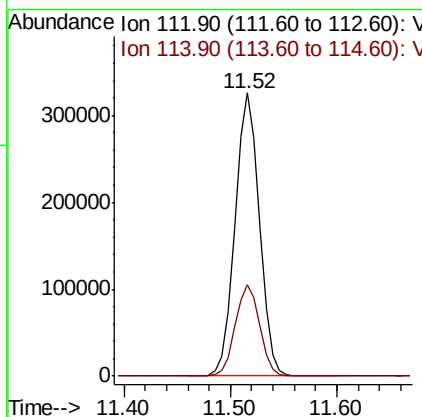
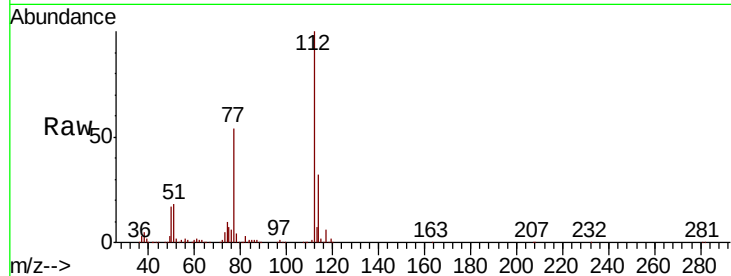




#65
Chlorobenzene
Concen: 48.858 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

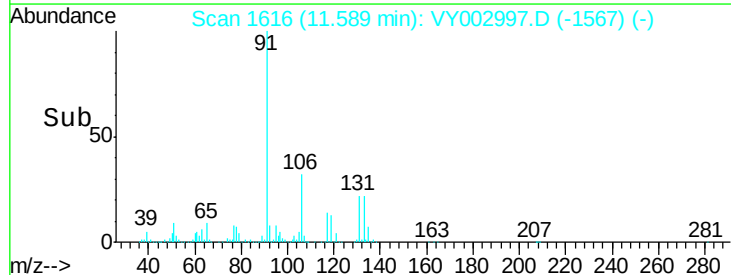
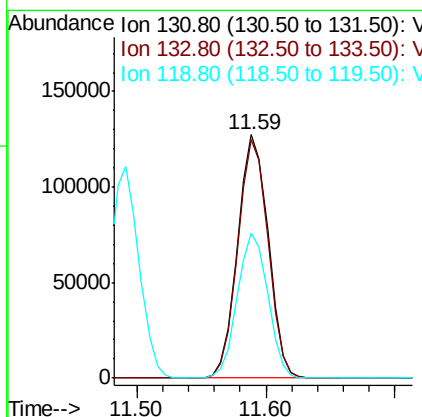
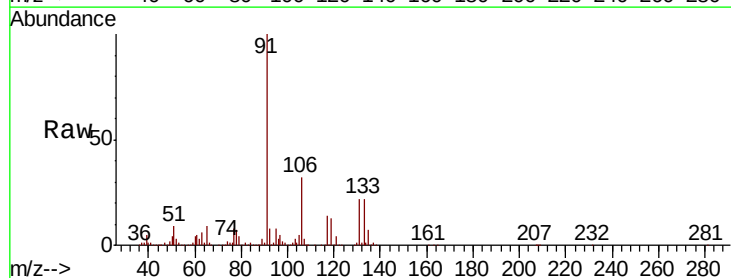
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

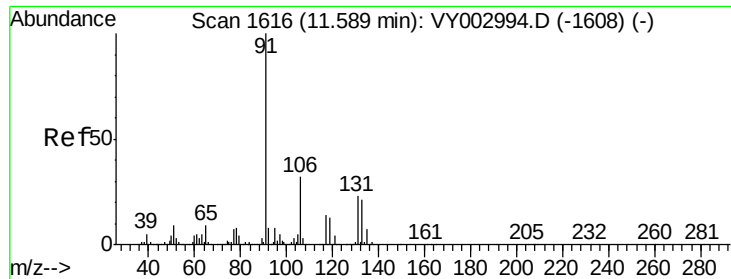
Tot Ion:112 Resp: 522205
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion:131 Resp: 209811
Ion Ratio Lower Upper
131 100
133 97.0 48.2 144.6
119 59.8 30.1 90.5





#67

Ethyl Benzene

Concen: 48.843 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

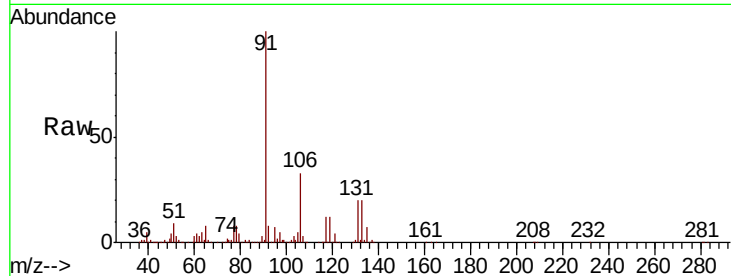
ICVY062520

Tot Ion: 91 Resp: 913428

Ion Ratio Lower Upper

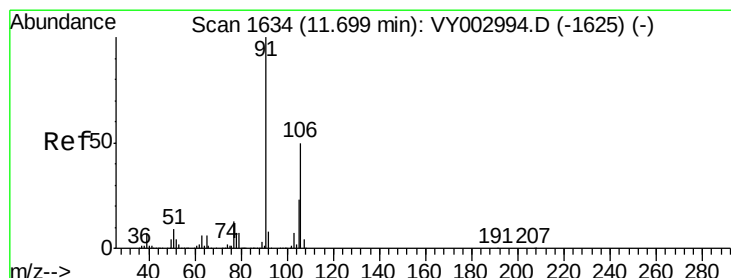
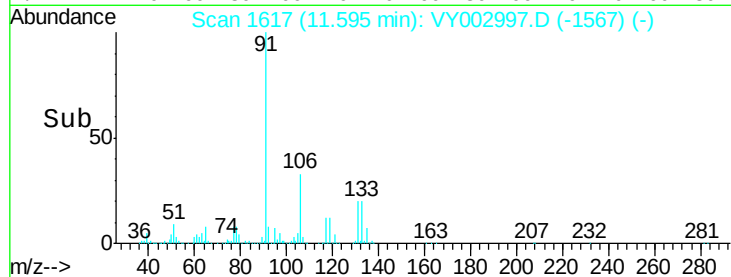
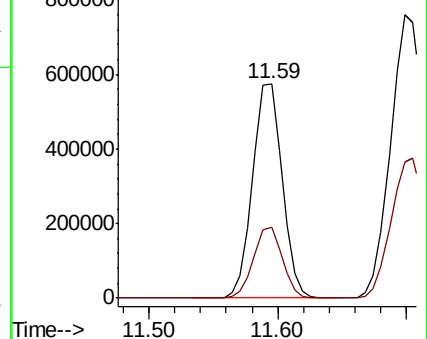
91 100

106 32.8 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 97.591 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002997.D

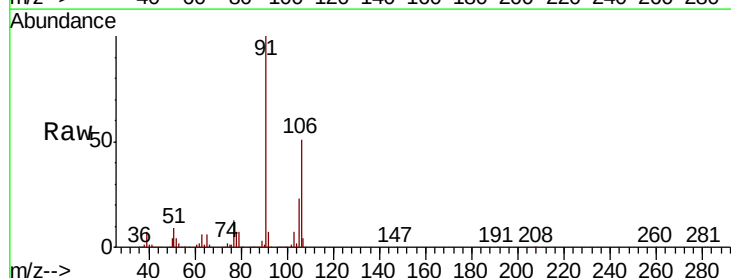
Acq: 25 Jun 2020 15:02

Tgt Ion: 106 Resp: 703216

Ion Ratio Lower Upper

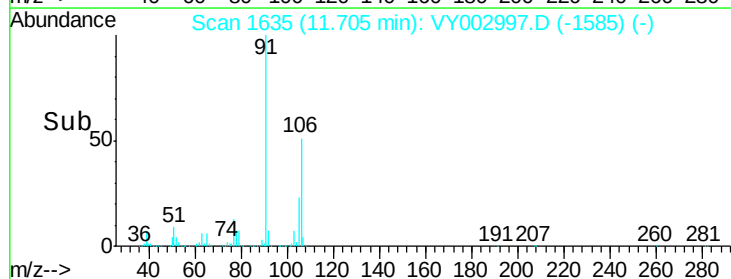
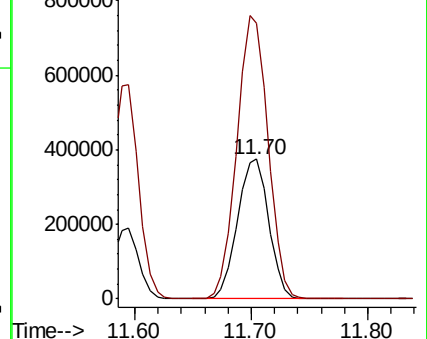
106 100

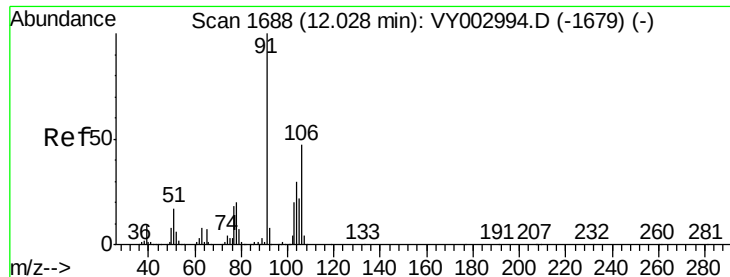
91 201.4 160.0 240.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

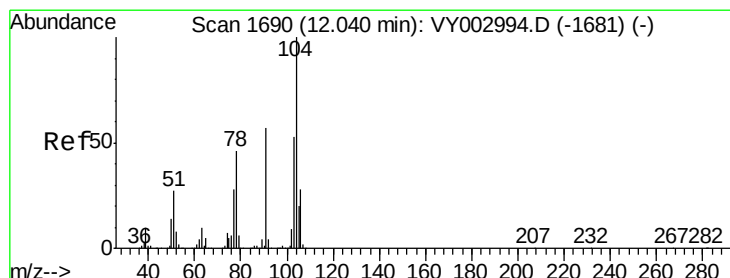
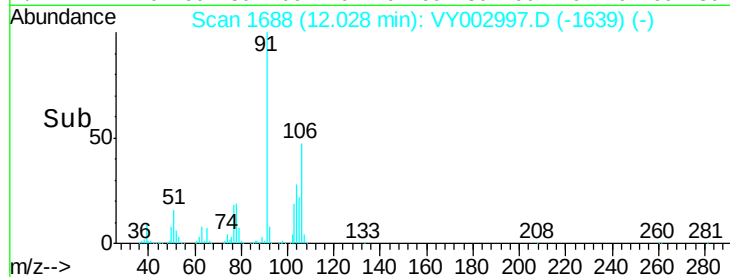
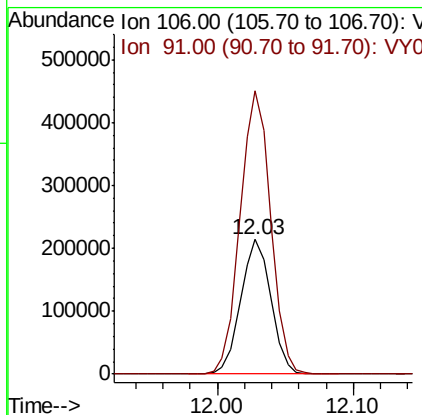
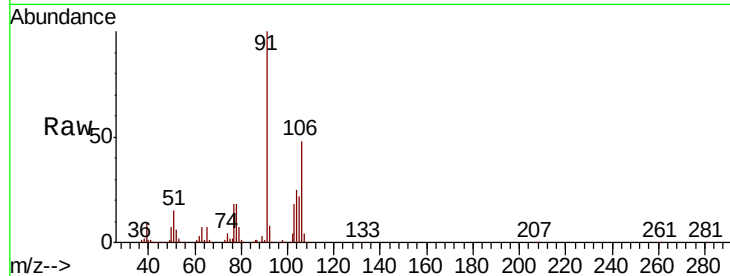




#69
o-Xylene
Concen: 48.299 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

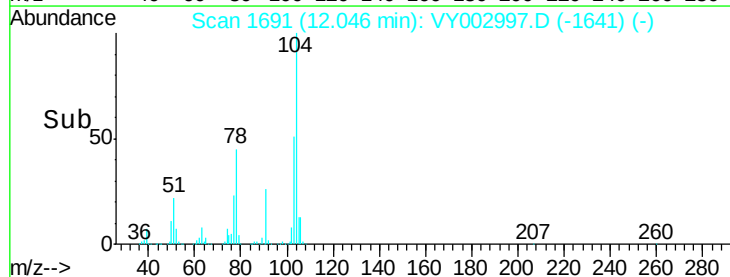
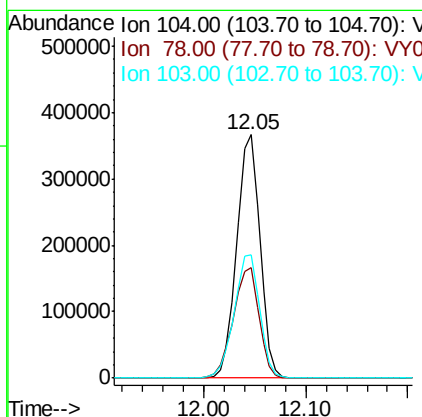
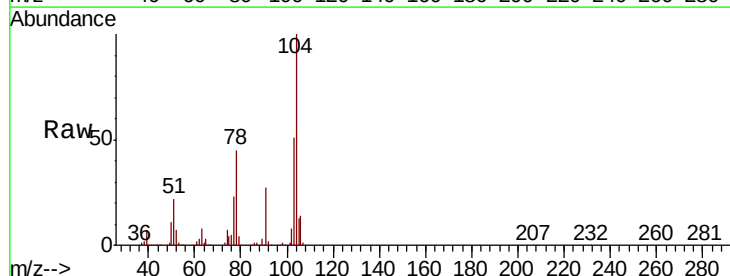
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

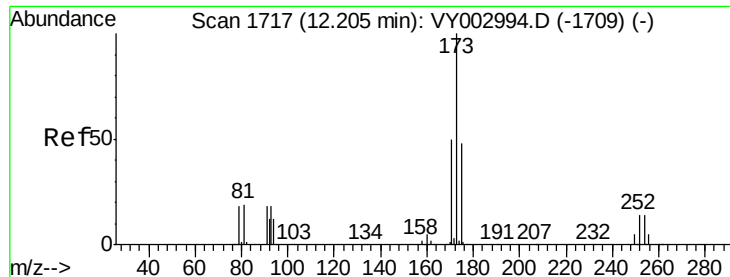
Tot Ion:106 Resp: 332272
Ion Ratio Lower Upper
106 100
91 212.2 105.8 317.3



#70
Styrene
Concen: 48.998 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion:104 Resp: 575245
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 55.5 44.3 66.5





#71

Bromoform

Concen: 51.281 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

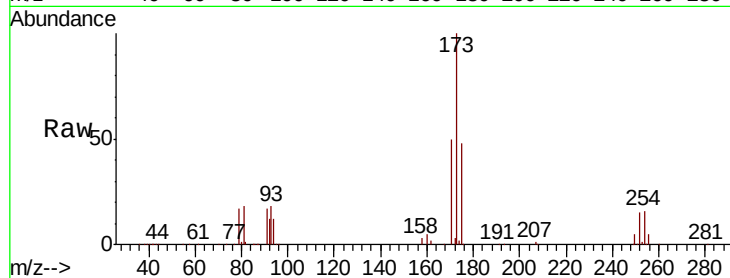
Tot Ion:173 Resp: 151715

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

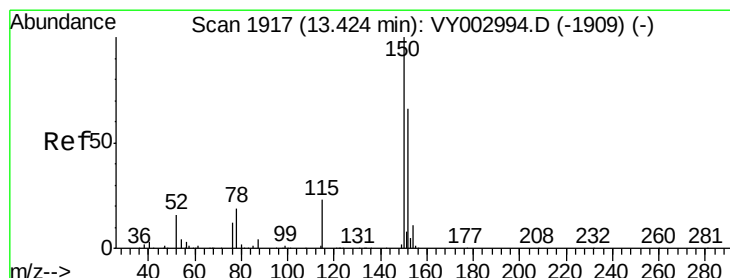
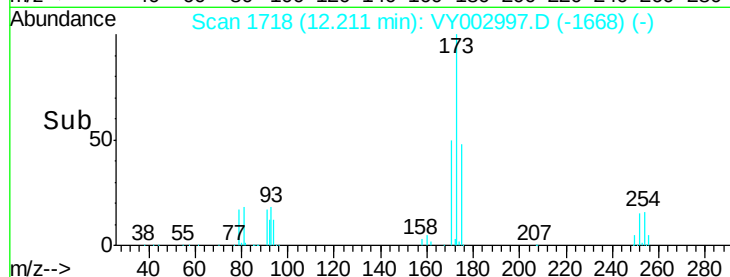
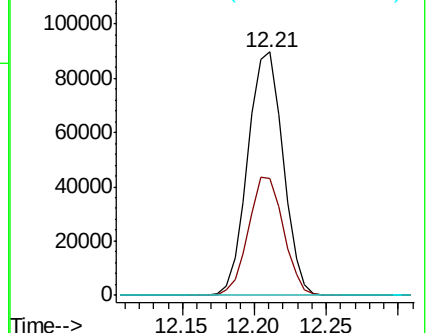
254 0.4 0.2 0.4



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: VY002997.D

Acq: 25 Jun 2020 15:02

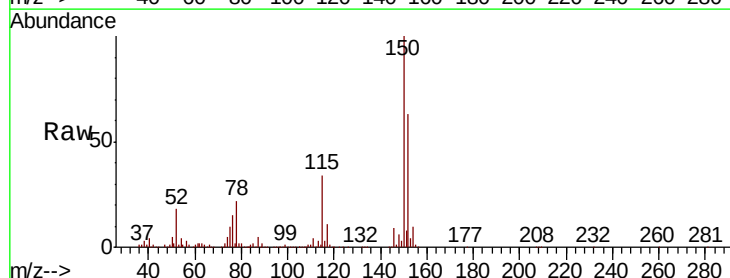
Tgt Ion:152 Resp: 360622

Ion Ratio Lower Upper

152 100

115 53.0 26.3 78.8

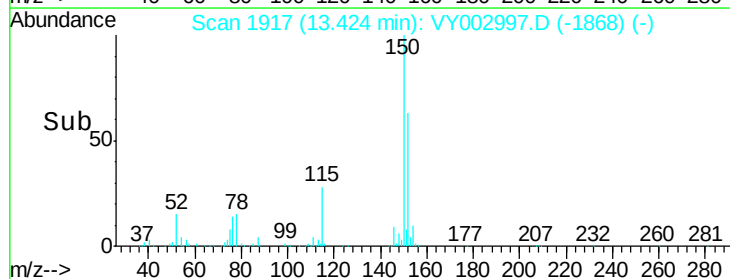
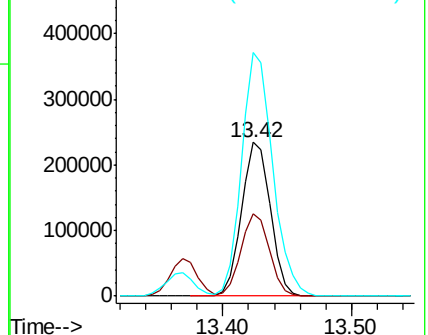
150 171.3 0.0 346.4

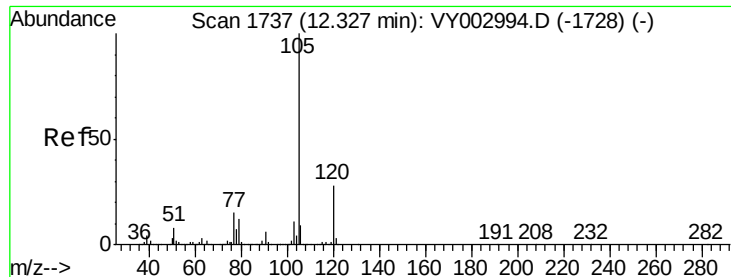


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 40.332 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

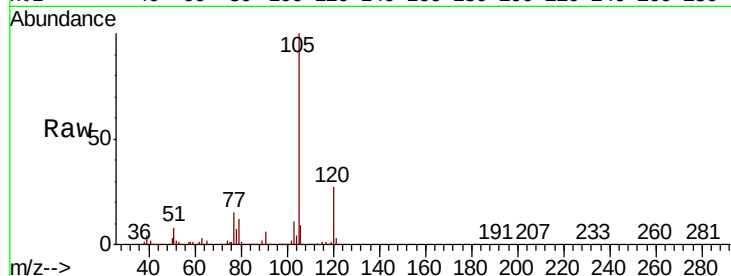
ICVY062520

Tot Ion:105 Resp: 946098

Ion Ratio Lower Upper

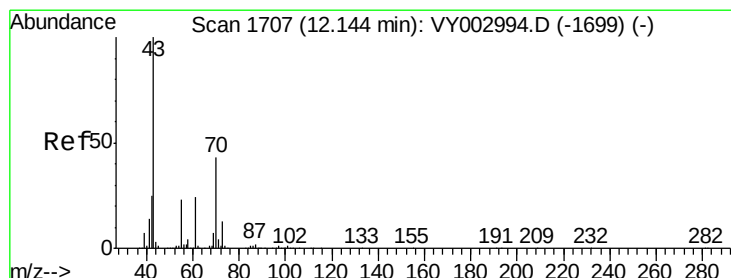
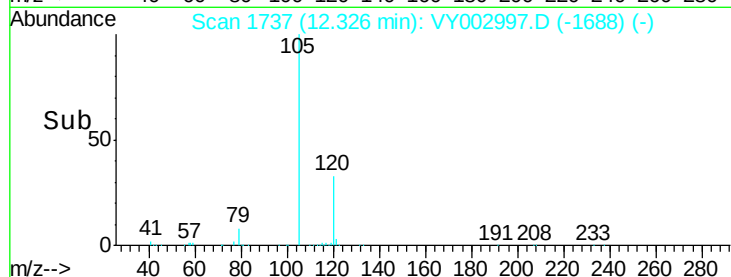
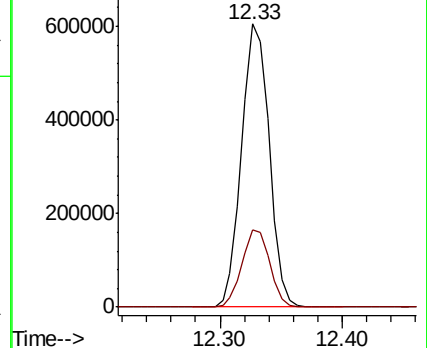
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.659 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion: 43 Resp: 245040

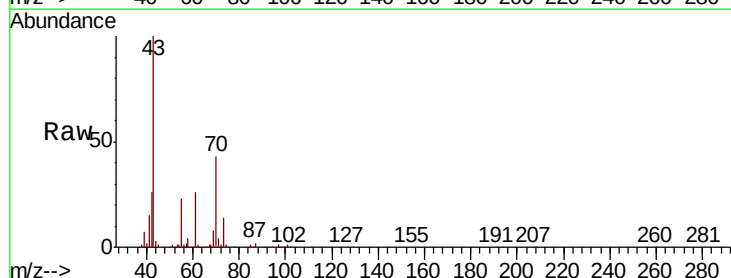
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 23.7 18.8 28.2

61 25.0 19.7 29.5

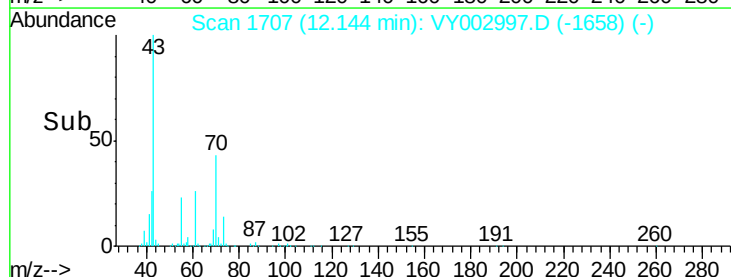
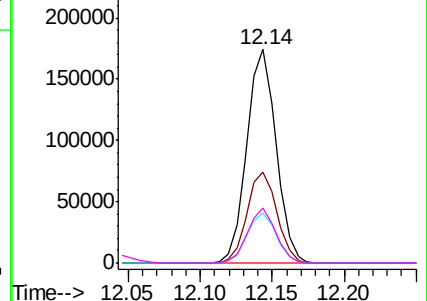


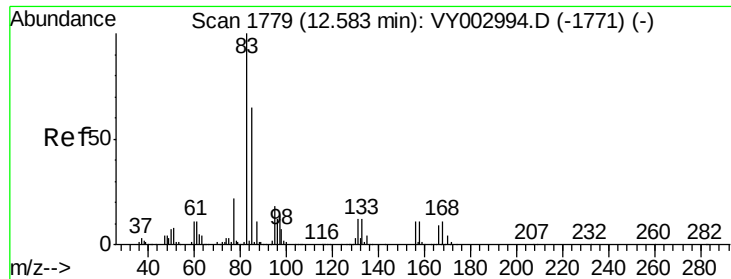
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.960 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

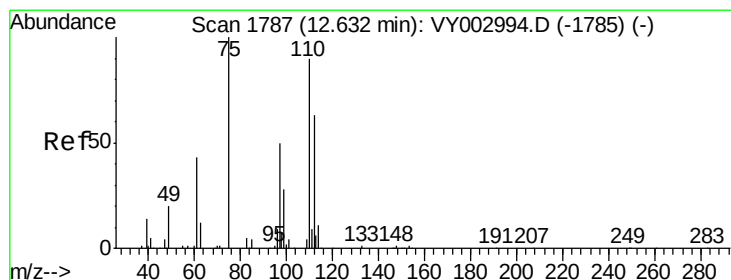
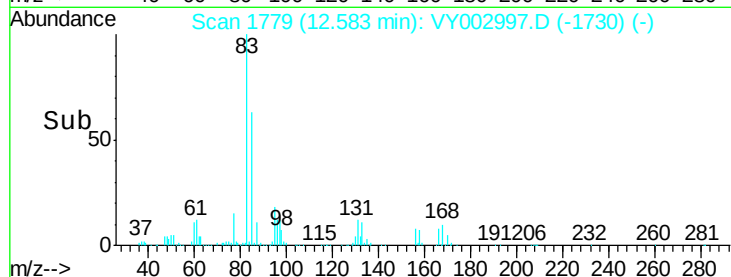
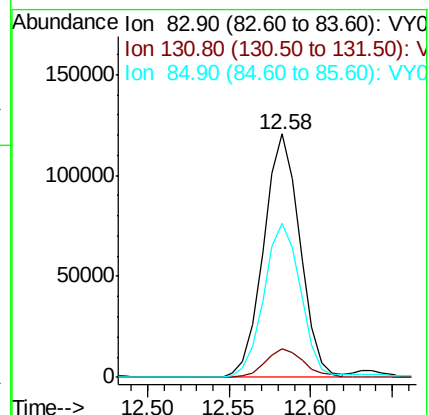
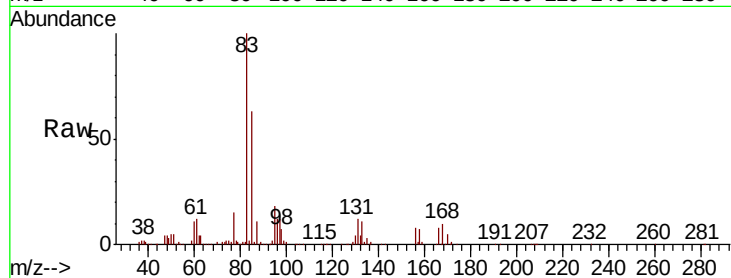
Tot Ion: 83 Resp: 187446

Ion	Ratio	Lower	Upper
83	100		
131	12.5	6.3	18.8
85	63.6	32.4	97.2

83 100

131 12.5 6.3 18.8

85 63.6 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 84.917 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002997.D

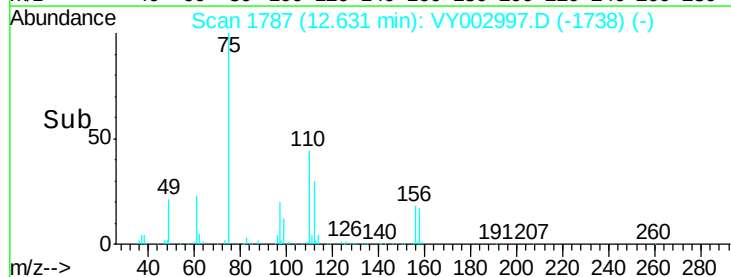
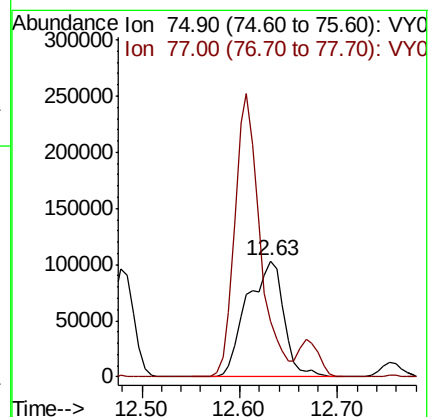
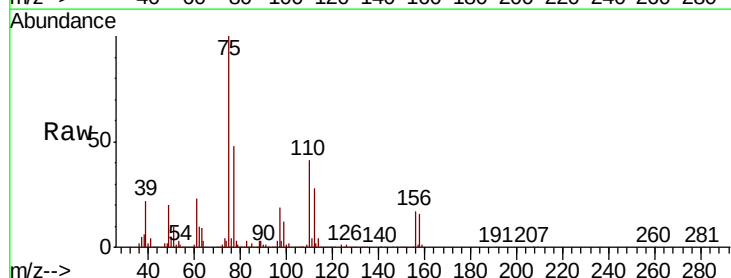
Acq: 25 Jun 2020 15:02

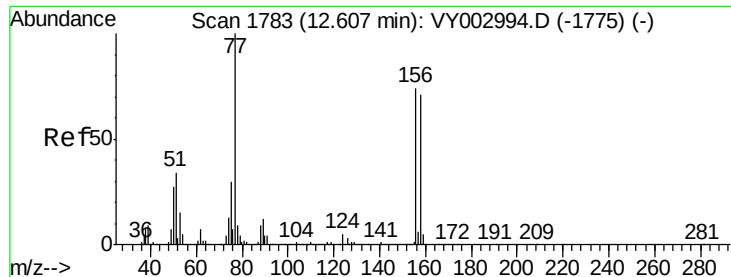
Tgt Ion: 75 Resp: 272720

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.440 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

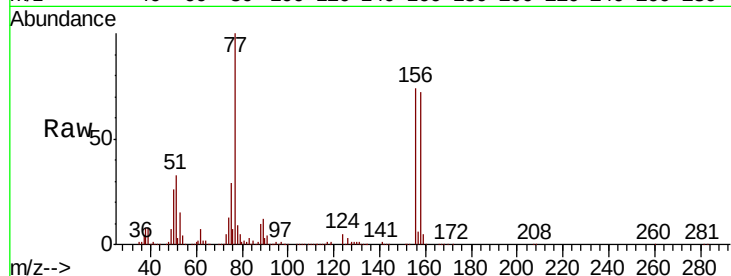
Tot Ion:156 Resp: 293242

Ion Ratio Lower Upper

156 100

77 153.6 77.3 231.9

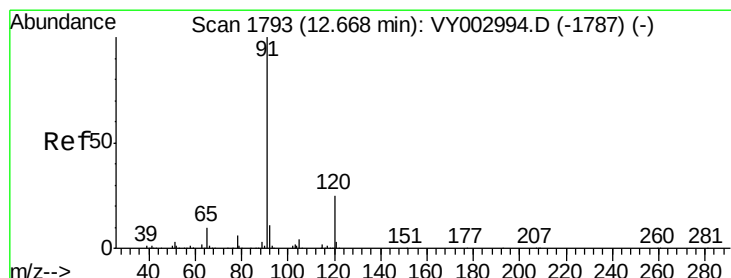
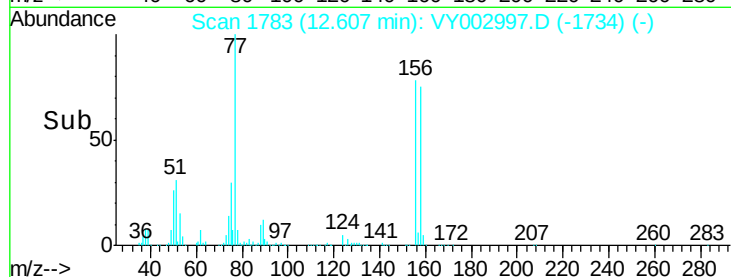
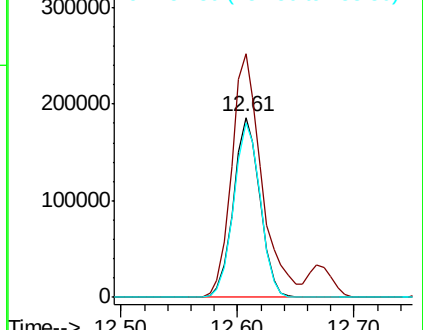
158 97.8 48.9 146.8



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: 46.954 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002997.D

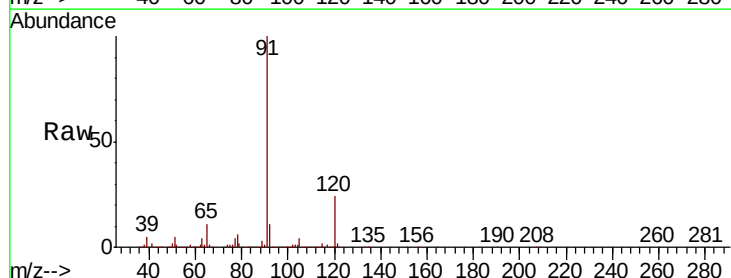
Acq: 25 Jun 2020 15:02

Tgt Ion: 91 Resp: 1270803

Ion Ratio Lower Upper

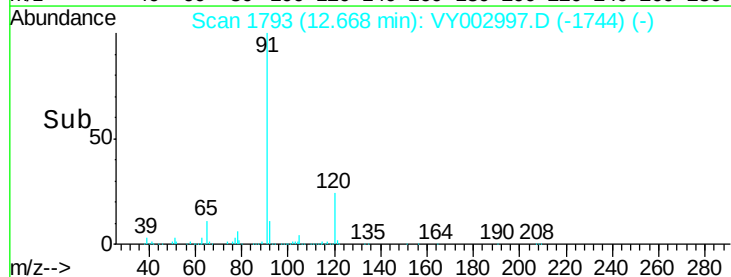
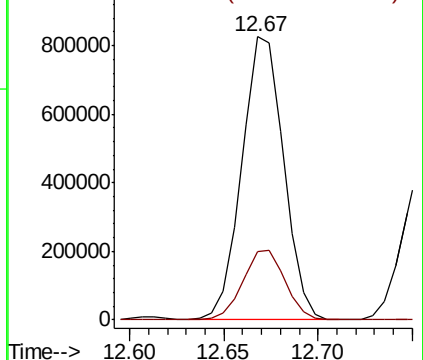
91 100

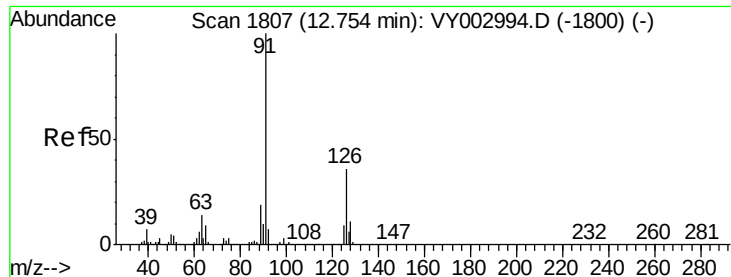
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

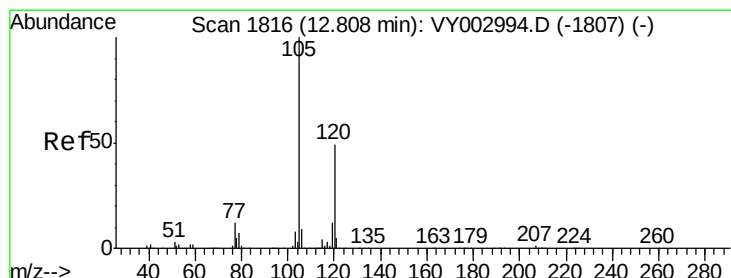
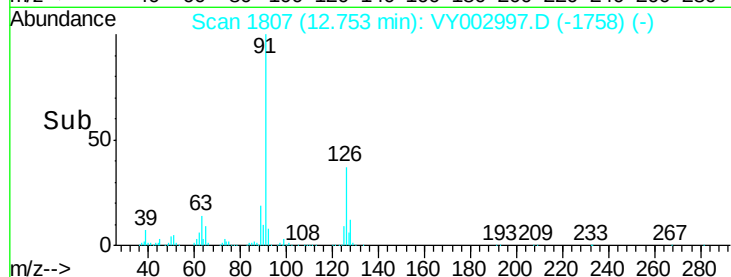
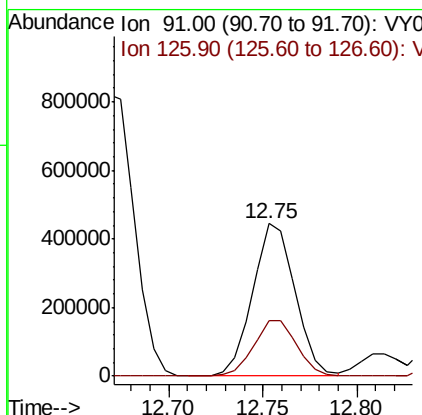
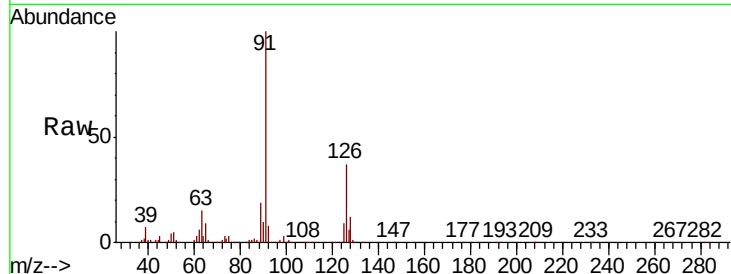




#79
 2-Chlorotoluene
 Concen: 45.095 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

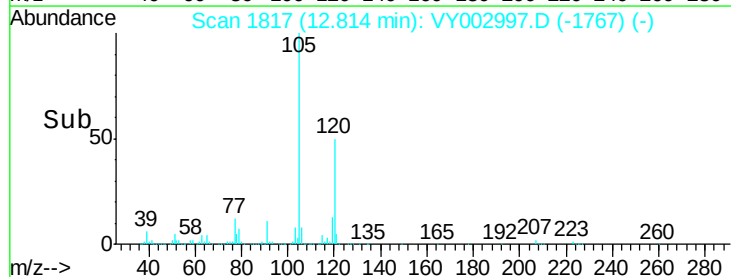
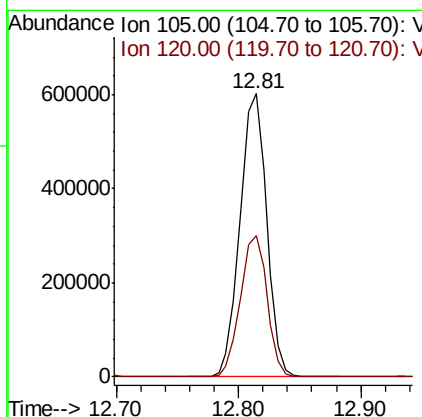
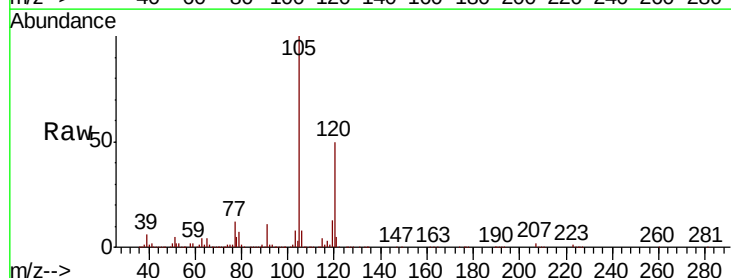
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

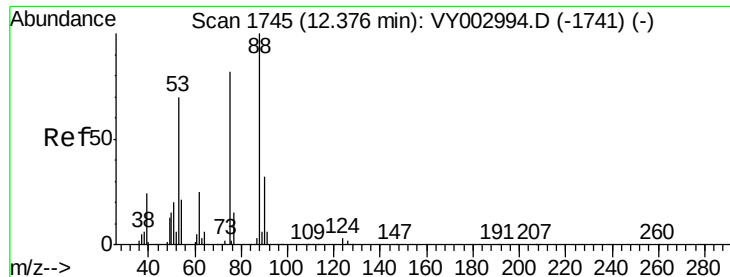
Tot Ion: 91 Resp: 695848
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 43.964 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion: 105 Resp: 909771
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.454 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

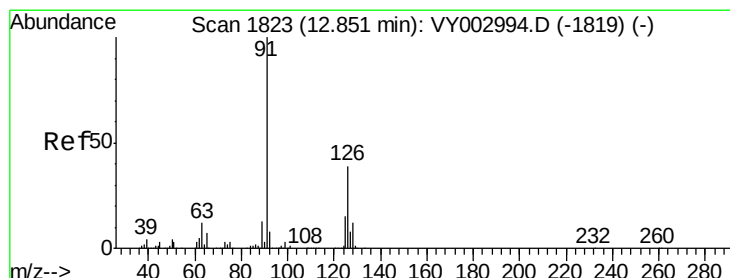
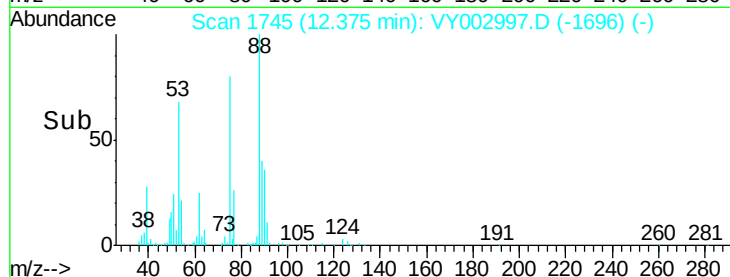
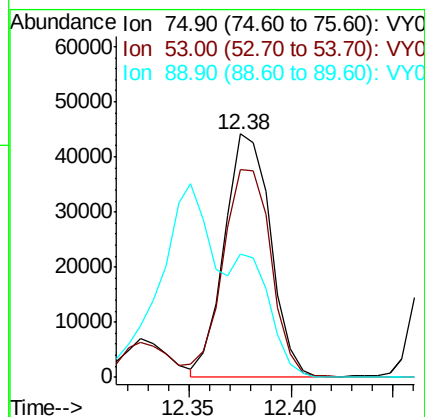
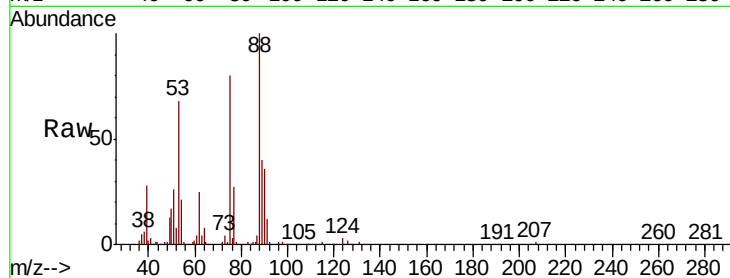
Tot Ion: 75 Resp: 68659

Ion Ratio Lower Upper

75 100

53 90.6 72.2 108.4

89 0.0 35.0 52.4#



#82

4-Chlorotoluene

Concen: 46.028 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002997.D

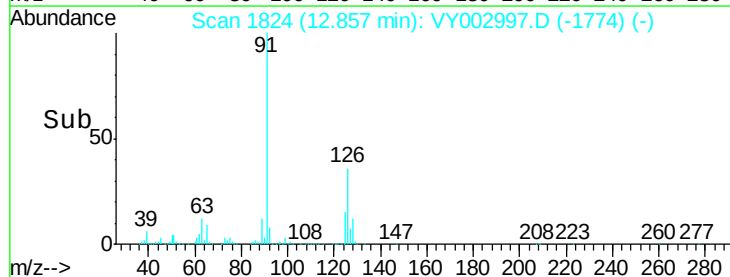
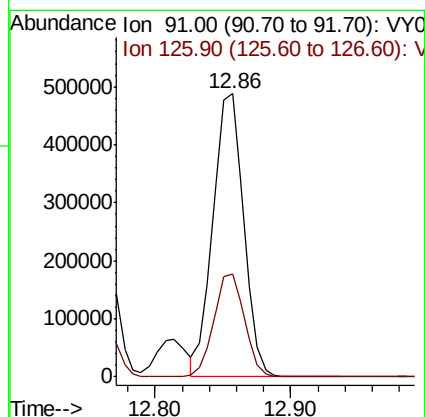
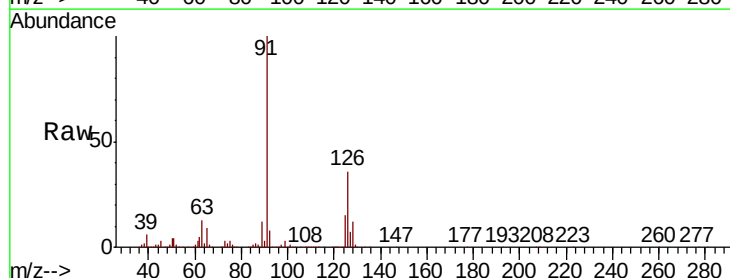
Acq: 25 Jun 2020 15:02

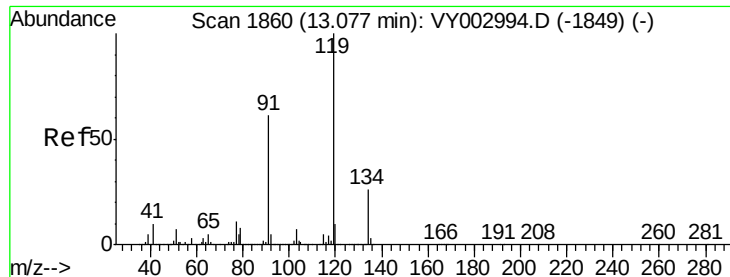
Tgt Ion: 91 Resp: 760547

Ion Ratio Lower Upper

91 100

126 36.5 18.4 55.2

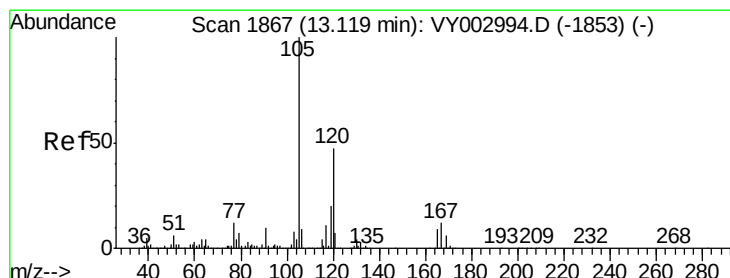
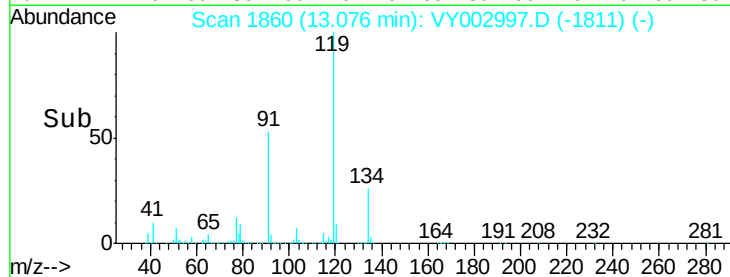
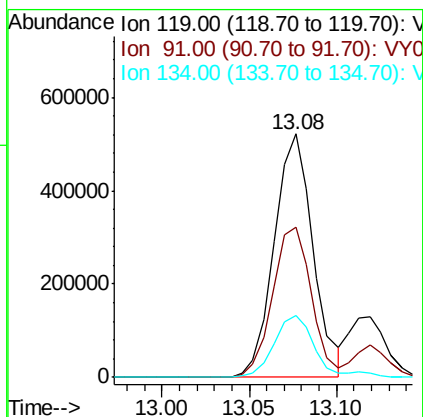
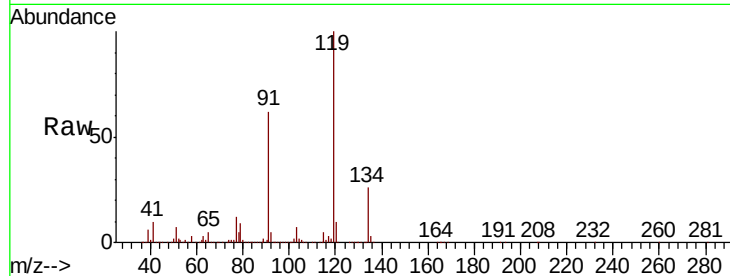




#83
 tert-Butylbenzene
 Concen: 44.371 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

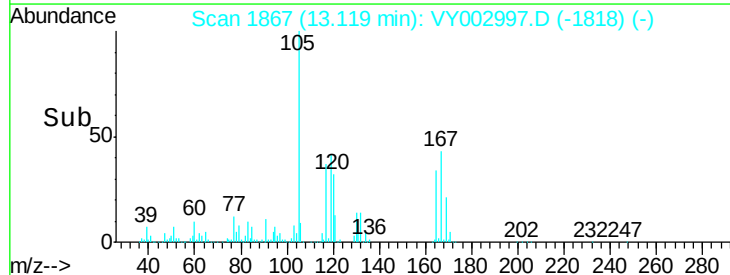
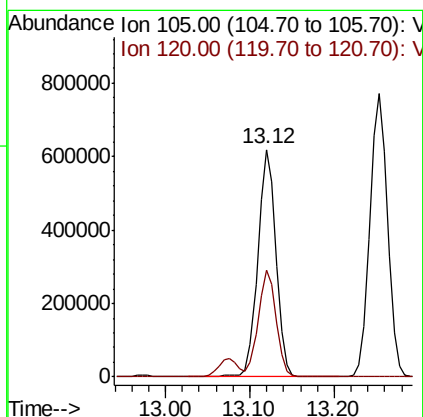
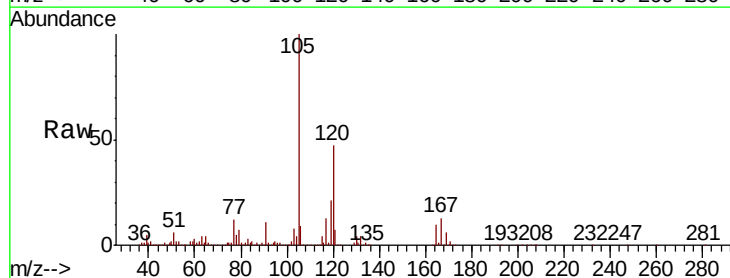
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

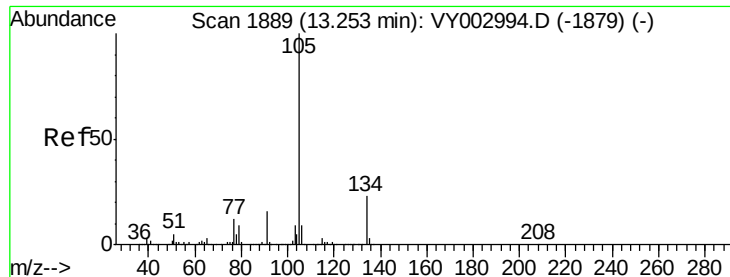
Tot Ion:119 Resp: 807908
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.4 94.2
 134 27.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.606 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion:105 Resp: 906693
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.909 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

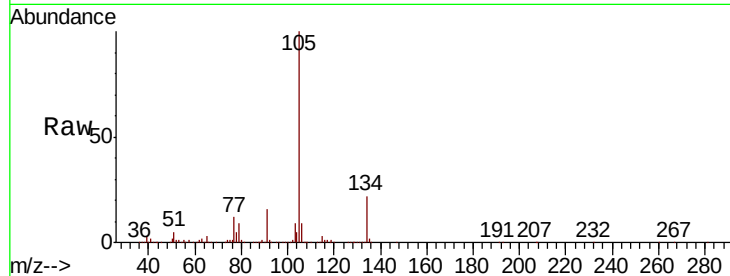
ICVY062520

Tot Ion:105 Resp: 1126825

Ion Ratio Lower Upper

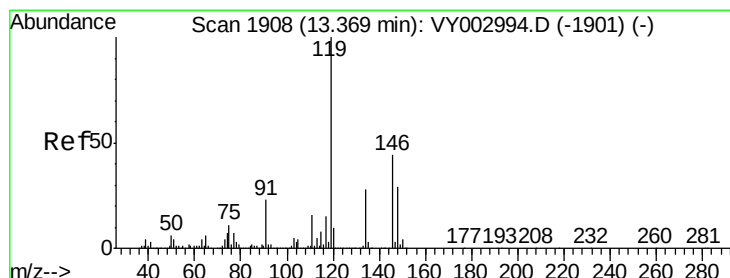
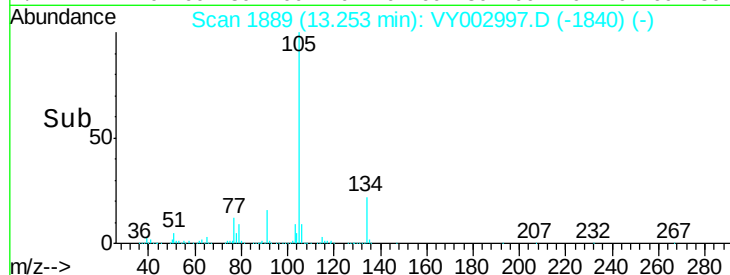
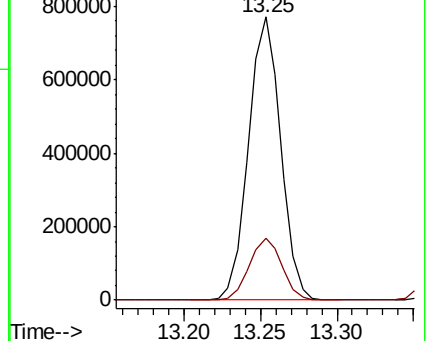
105 100

134 22.0 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.747 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

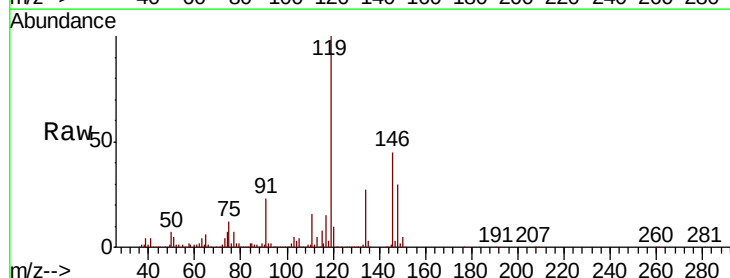
Tgt Ion:119 Resp: 1058669

Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.4

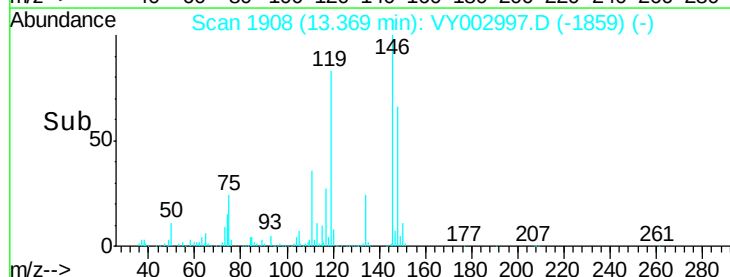
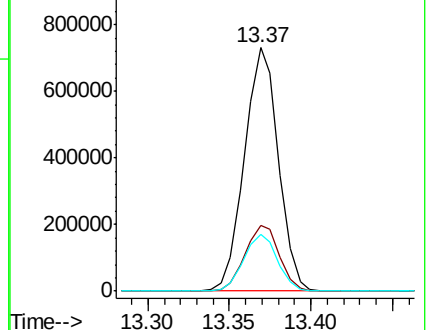
91 23.2 11.7 35.0

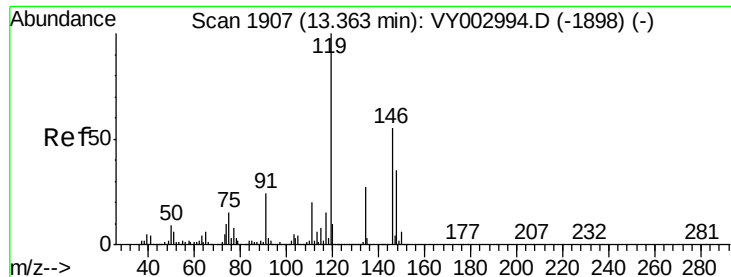


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

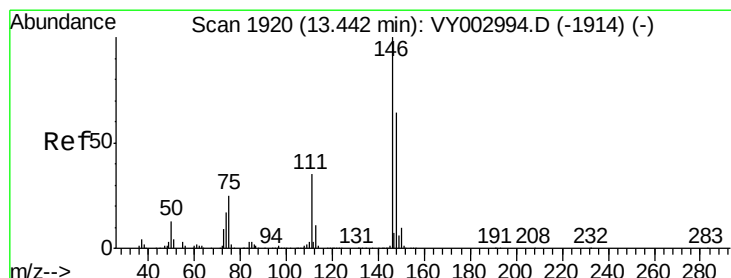
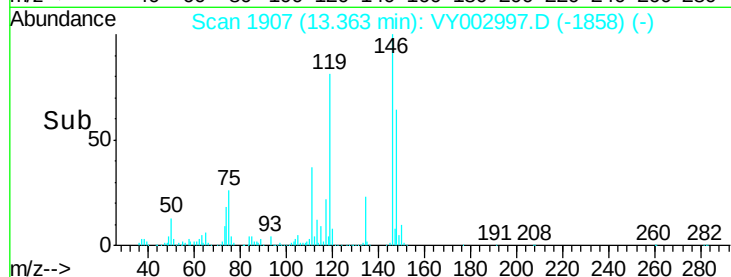
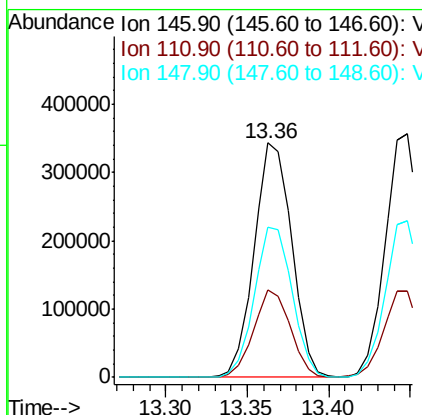
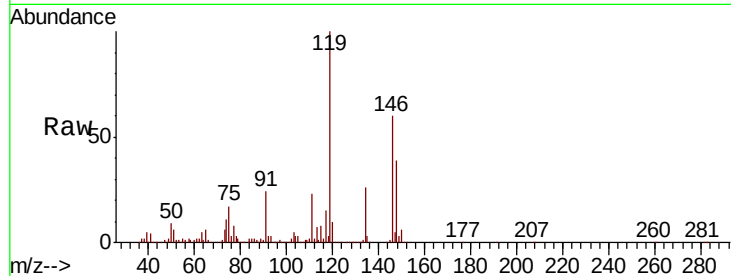




#87
 1,3-Dichlorobenzene
 Concen: 47.797 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

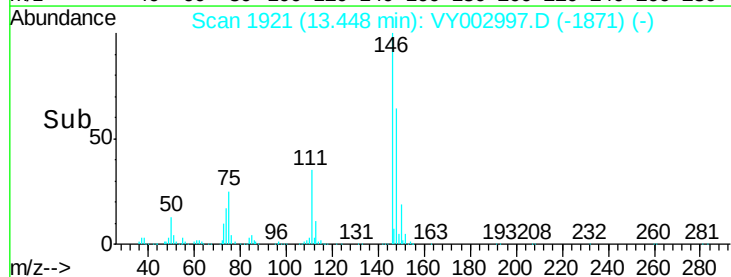
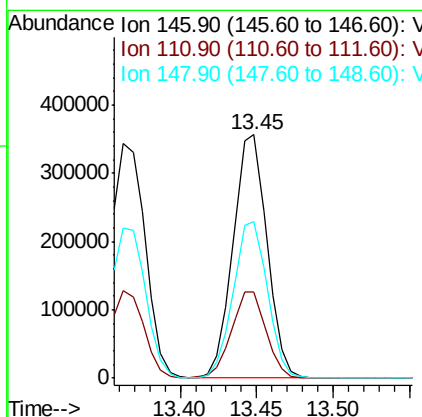
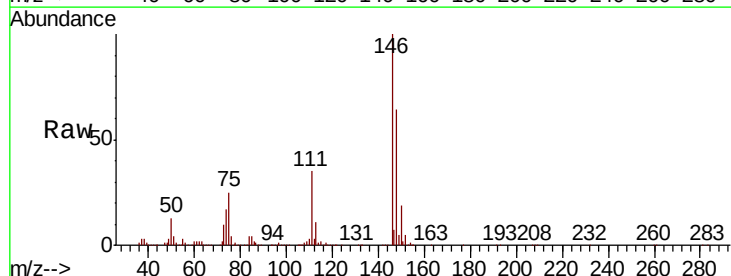
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

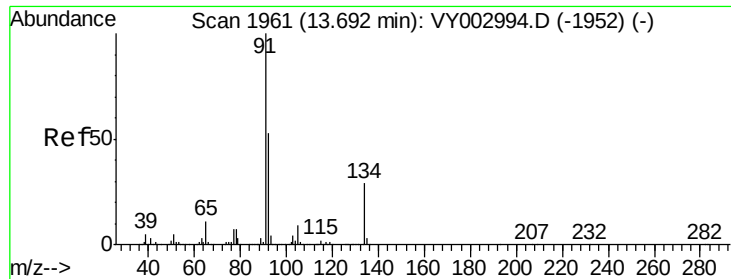
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.2
148	64.6	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.717 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.4
148	64.6	32.3	96.8

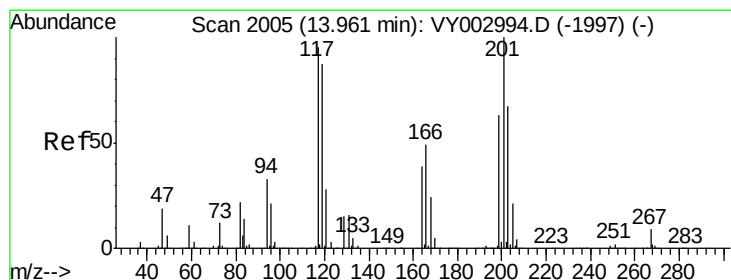
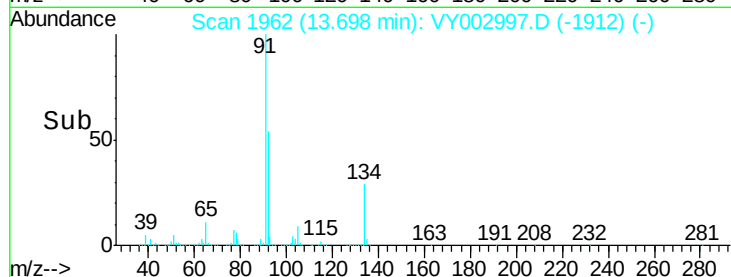
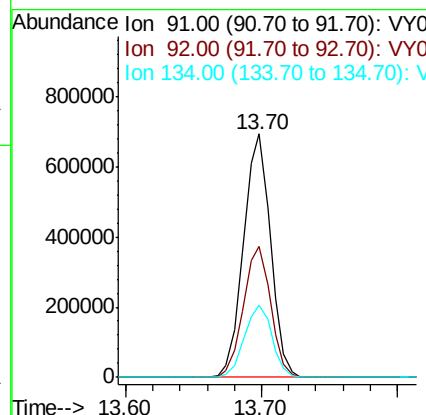
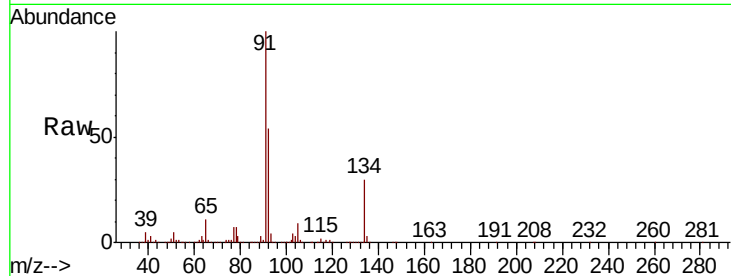




#89
n-Butylbenzene
Concen: 51.357 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

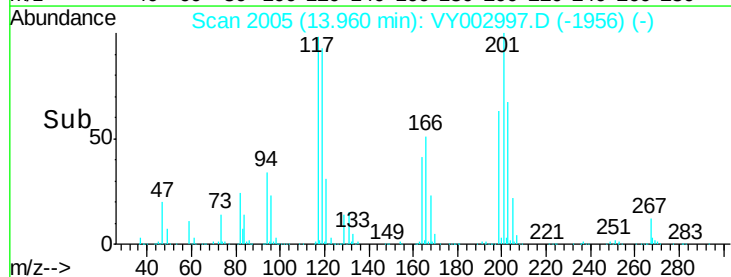
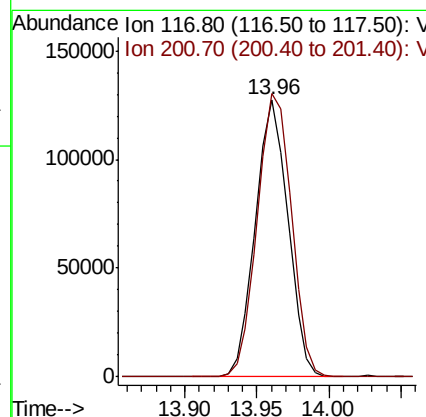
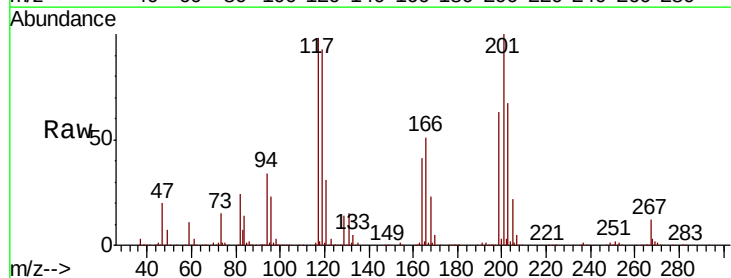
Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

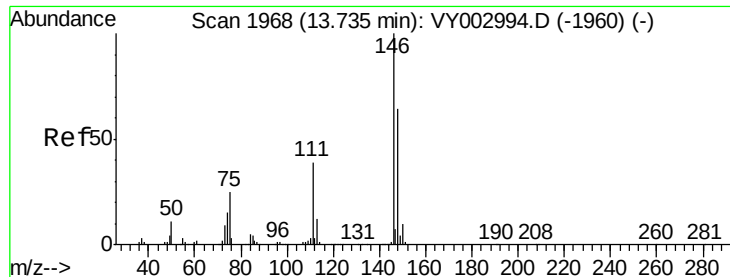
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	30.1	14.9	44.7



#90
Hexachloroethane
Concen: 50.850 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	106.6	53.8	161.5

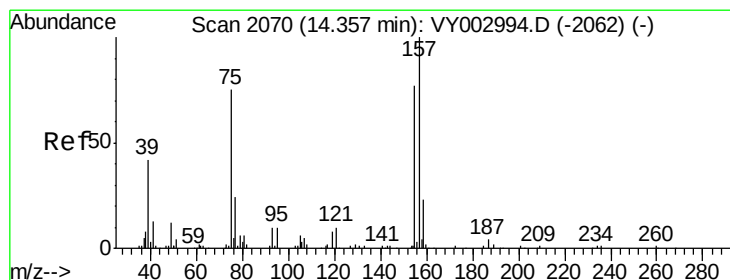
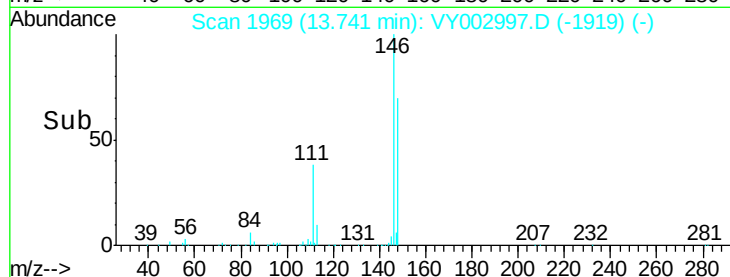
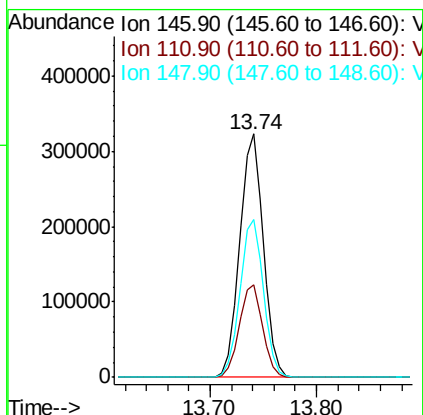
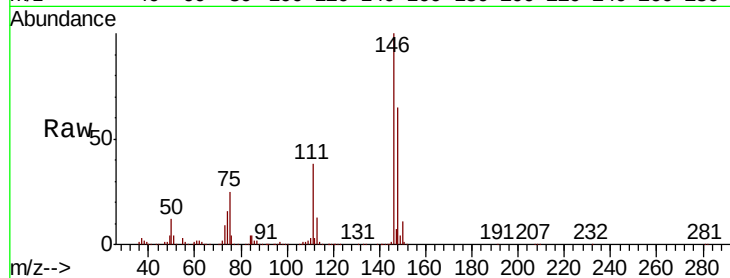




#91
 1,2-Dichlorobenzene
 Concen: 49.785 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

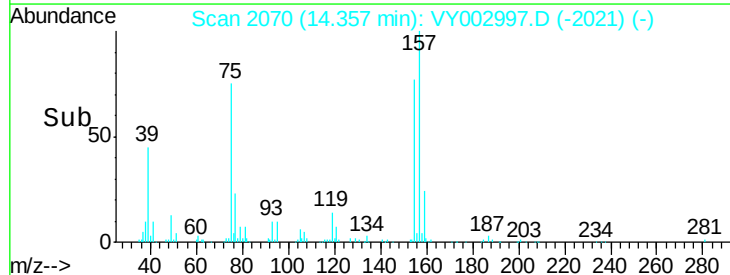
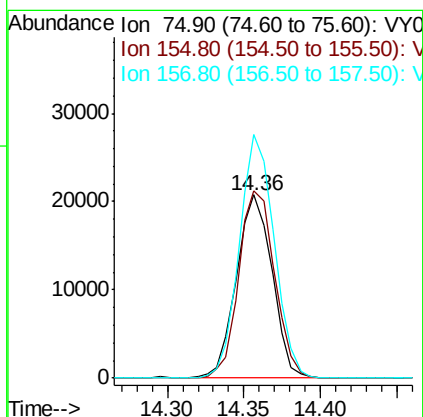
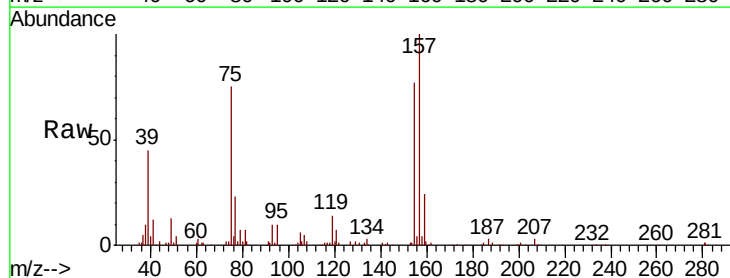
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

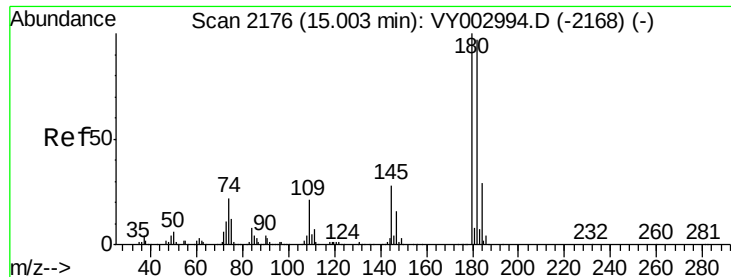
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.452 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	51.3	153.9
157	130.2	65.0	195.1

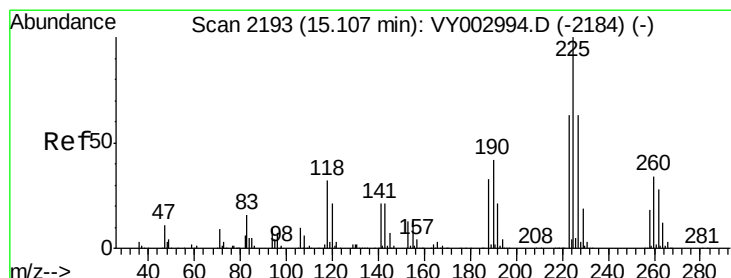
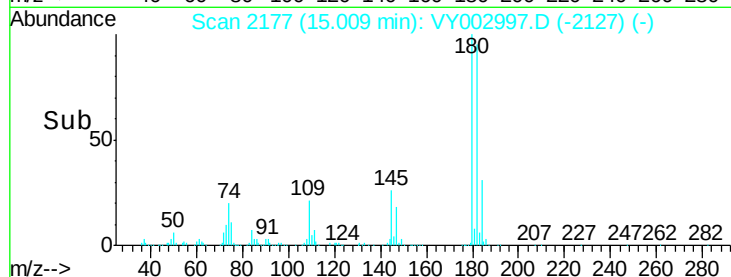
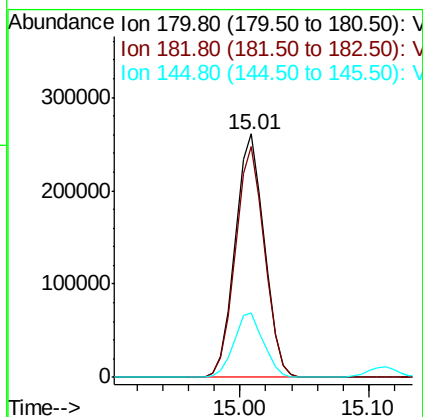
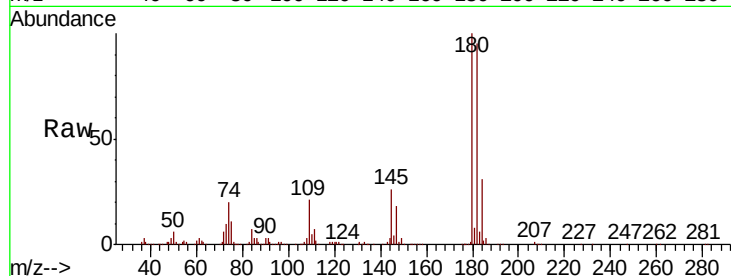




#93
 1,2,4-Trichlorobenzene
 Concen: 50.917 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

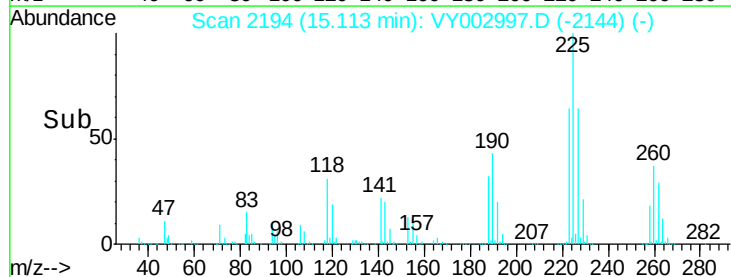
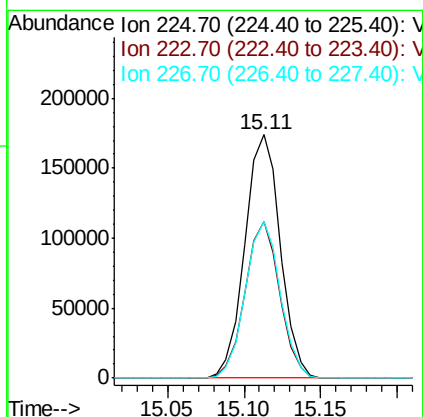
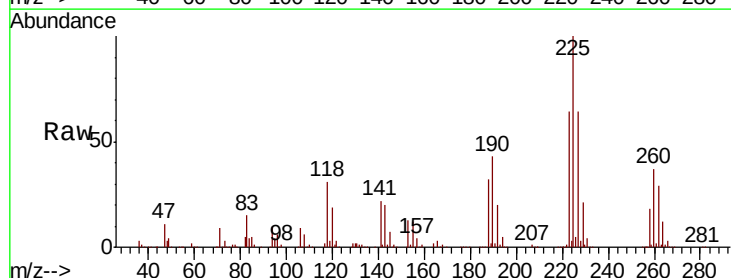
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

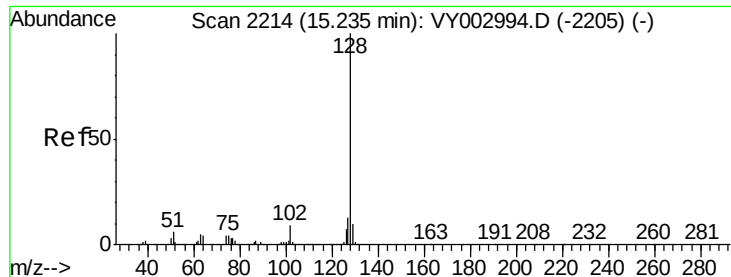
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	26.8	13.5	40.5



#94
 Hexachlorobutadiene
 Concen: 50.893 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	63.7	32.2	96.6

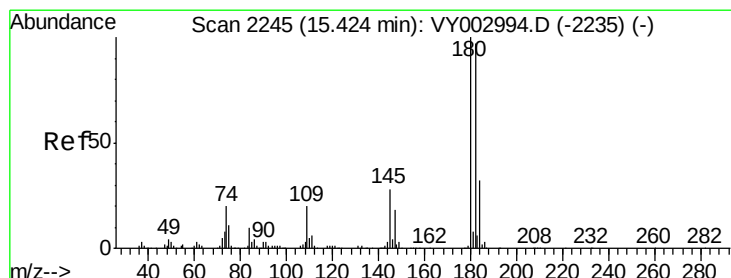
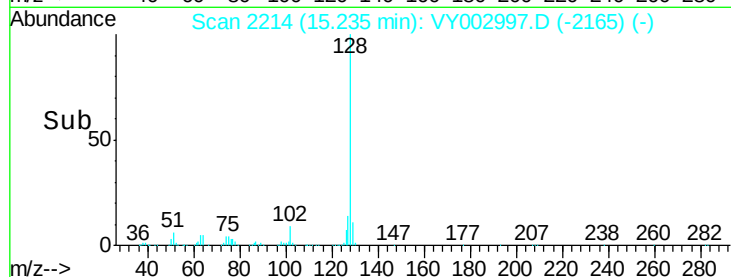
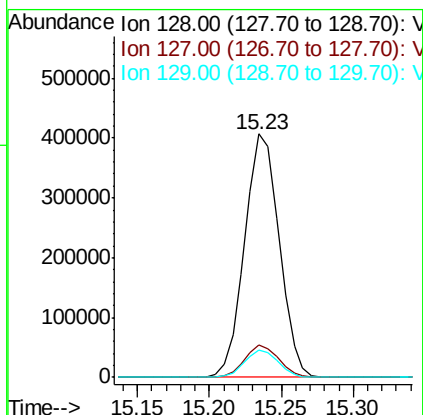
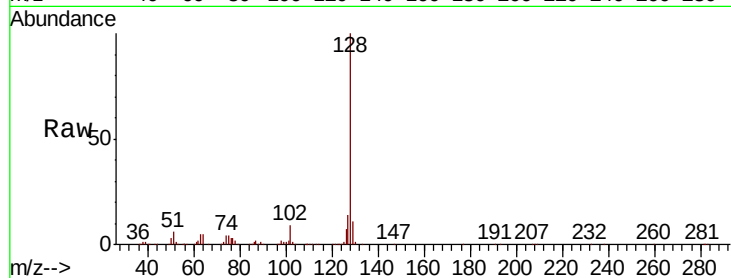




#95
Naphthalene
Concen: 51.442 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion:128 Resp: 675874
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.462 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion:180 Resp: 342166
Ion Ratio Lower Upper
180 100
182 96.6 47.1 141.4
145 28.9 14.0 42.0

