

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003137.D
 Acq On : 08 Jul 2020 15:32
 Operator : SY/MD
 Sample : VY0708SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

Quant Time: Jul 09 02:31:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	576409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	192131	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.72	113	187839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.18	98	685179	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.48	95	244898	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55000	18.126	ug/l	98
3) Chloromethane	2.12	50	78250	17.611	ug/l	98
4) Vinyl Chloride	2.26	62	83584	19.285	ug/l	100
5) Bromomethane	2.65	94	64693	21.984	ug/l	94
6) Chloroethane	2.79	64	58095	21.070	ug/l	99
7) Trichlorofluoromethane	3.13	101	128001	20.924	ug/l	98
8) Diethyl Ether	3.54	74	44093	21.025	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	78554	21.506	ug/l	99
10) Methyl Iodide	4.10	142	93894	20.730	ug/l	100
11) Tert butyl alcohol	4.97	59	41147	101.463	ug/l	97
12) 1,1-Dichloroethene	3.88	96	71928	20.696	ug/l	92
13) Acrolein	3.74	56	29473	80.918	ug/l	100
14) Allyl chloride	4.49	41	107074	17.646	ug/l	95
15) Acrylonitrile	5.18	53	108698	100.568	ug/l	99
16) Acetone	3.96	43	85225	90.809	ug/l	96
17) Carbon Disulfide	4.20	76	211643	19.060	ug/l	100
18) Methyl Acetate	4.49	43	50942	20.147	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	209397	20.670	ug/l	98
20) Methylene Chloride	4.72	84	104963	21.023	ug/l	90
21) trans-1,2-Dichloroethene	5.23	96	81770	20.800	ug/l	91
22) Diisopropyl ether	6.13	45	247478	19.029	ug/l	95
23) Vinyl Acetate	6.07	43	808585	92.994	ug/l	95
24) 1,1-Dichloroethane	6.03	63	140017	19.709	ug/l	98
25) 2-Butanone	6.99	43	137983	92.554	ug/l	97
26) 2,2-Dichloropropane	6.99	77	127526	19.757	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	92669	21.017	ug/l	95
28) Bromochloromethane	7.35	49	55975	17.708	ug/l #	83
29) Tetrahydrofuran	7.36	42	95852	96.683	ug/l	93
30) Chloroform	7.52	83	147790	20.999	ug/l	94
31) Cyclohexane	7.79	56	133039	19.009	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	132198	20.578	ug/l	98
36) 1,1-Dichloropropene	7.92	75	114756	20.669	ug/l	98
37) Ethyl Acetate	7.08	43	65861	19.729	ug/l	99
38) Carbon Tetrachloride	7.91	117	120244	20.815	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	139994	20.336	ug/l	98
40) Benzene	8.16	78	320633	21.094	ug/l	98
41) Methacrylonitrile	7.35	41	89328	50.093	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	100301	20.858	ug/l	100
43) Isopropyl Acetate	8.28	43	122983	19.379	ug/l	96
44) Trichloroethene	8.94	130	99996	22.633	ug/l	99
45) 1,2-Dichloropropane	9.22	63	83597	20.442	ug/l	95
46) Dibromomethane	9.31	93	49150	21.519	ug/l	97
47) Bromodichloromethane	9.50	83	115955	20.733	ug/l	97
48) Methyl methacrylate	9.30	41	55286	19.139	ug/l	95
49) 1,4-Dioxane	9.30	88	12838	460.453	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	326673	99.592	ug/l	97
52) Toluene	10.24	92	204921	21.416	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	120644	20.575	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	139280	20.770	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	71528	22.536	ug/l	96
56) Ethyl methacrylate	10.51	69	95309	20.745	ug/l	97
57) 1,3-Dichloropropane	10.79	76	120543	21.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	218496	92.728	ug/l	97
59) 2-Hexanone	10.83	43	225926	98.543	ug/l	97
60) Dibromochloromethane	10.99	129	88226	21.721	ug/l	99
61) 1,2-Dibromoethane	11.09	107	69481	22.206	ug/l	98
64) Tetrachloroethene	10.72	164	110367	24.420	ug/l	97
65) Chlorobenzene	11.52	112	230512	21.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	89115	21.677	ug/l	100
67) Ethyl Benzene	11.59	91	402345	20.886	ug/l	99
68) m/p-Xylenes	11.70	106	306534	42.755	ug/l	98
69) o-Xylene	12.03	106	145773	21.577	ug/l	96
70) Styrene	12.04	104	248118	21.497	ug/l	98
71) Bromoform	12.20	173	60005	21.890	ug/l	100
73) Isopropylbenzene	12.33	105	402674	21.043	ug/l	100
74) N-amyl acetate	12.14	43	113992	18.298	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	76260	19.748	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	108912	37.636	ug/l #	100
77) Bromobenzene	12.61	156	103627	21.121	ug/l	97
78) n-propylbenzene	12.67	91	474471	20.617	ug/l	99
79) 2-Chlorotoluene	12.75	91	266352	20.735	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	335069	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28048	18.857	ug/l	97
82) 4-Chlorotoluene	12.85	91	275169	20.574	ug/l	97
83) tert-Butylbenzene	13.07	119	298184	21.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	340812	21.063	ug/l	99
85) sec-Butylbenzene	13.25	105	410809	21.138	ug/l	100
86) p-Isopropyltoluene	13.37	119	382255	21.226	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	197115	21.519	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	195592	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	364467	21.153	ug/l	99
90) Hexachloroethane	13.96	117	69390	19.405	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	174333	21.212	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14108	20.637	ug/l	97

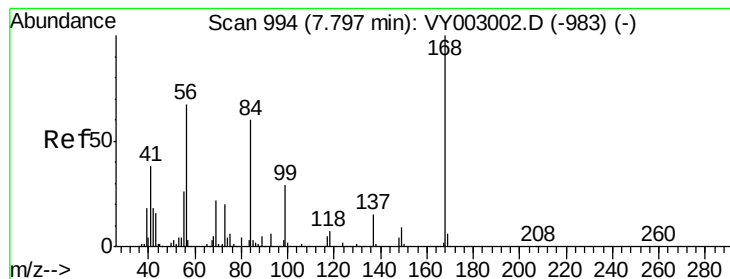
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
Data File : VY003137.D
Acq On : 08 Jul 2020 15:32
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Sample : VY0708SBSD01
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Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

Quant Time: Jul 09 02:31:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	129566	21.216	ug/l	99
94) Hexachlorobutadiene	15.11	225	85034	22.075	ug/l	99
95) Naphthalene	15.23	128	223636	20.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	108975	20.550	ug/l	99

(#) = 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: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

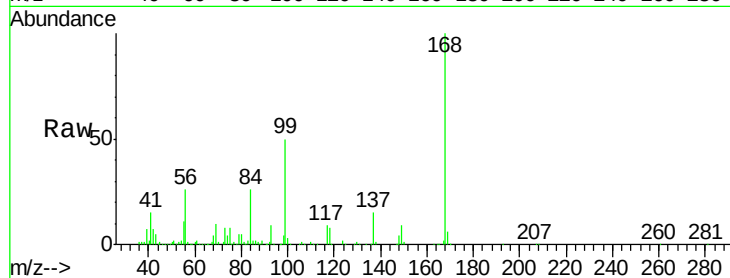
VY0708SBSD01

Tot Ion:168 Resp: 400656

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003137.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003137.D (-945) (-)

7.80

200000

150000

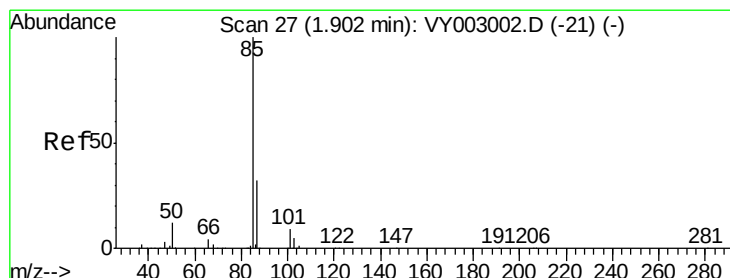
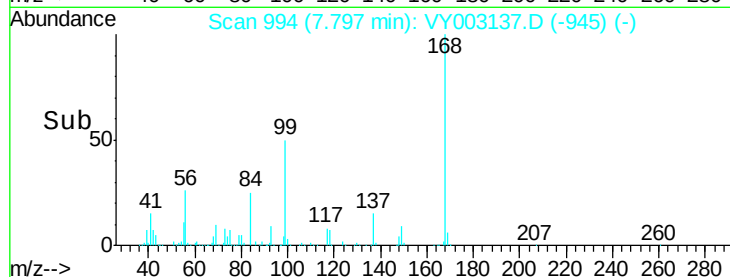
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.126 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003137.D

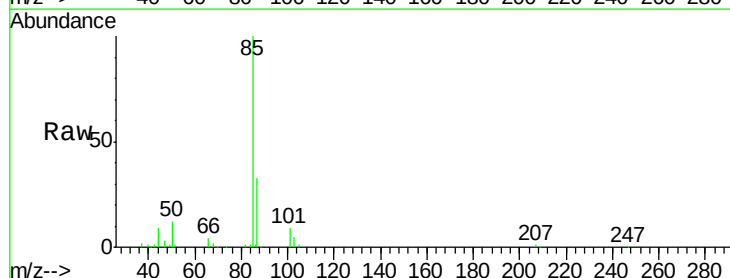
Acq: 08 Jul 2020 15:32

Tgt Ion: 85 Resp: 55000

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003137.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003137.D (-1) (-)

1.91

40000

30000

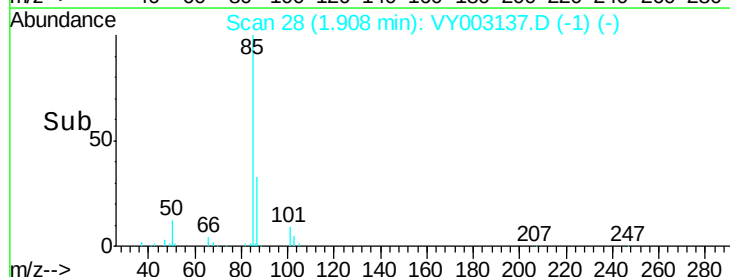
20000

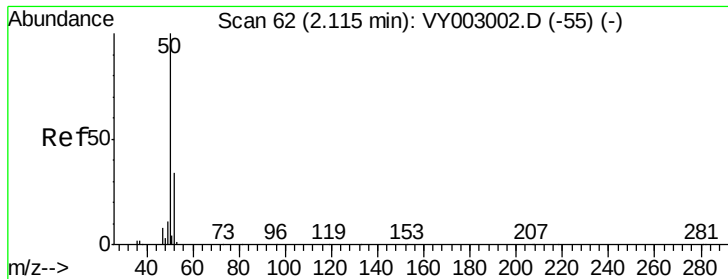
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.611 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

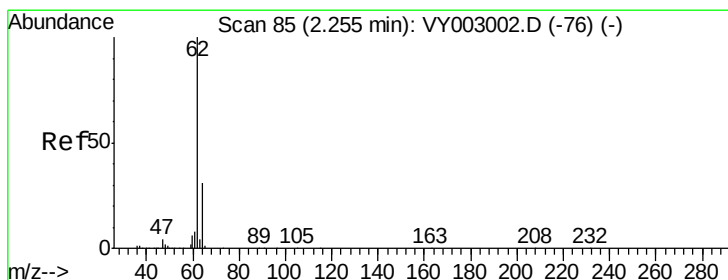
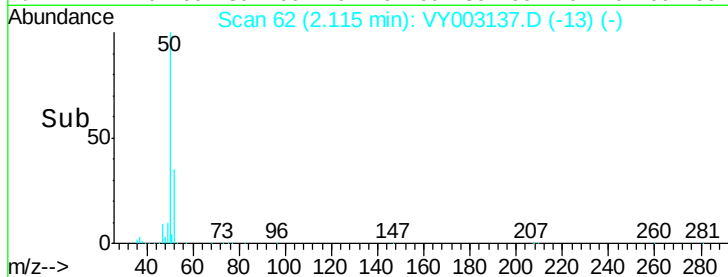
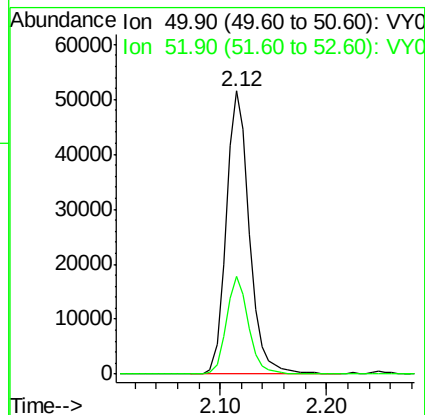
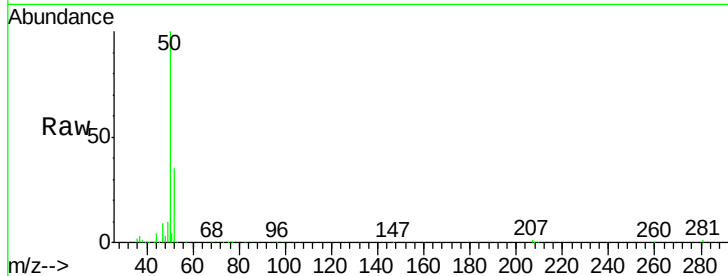
VY0708SBS01

Tot Ion: 50 Resp: 78250

Ion Ratio Lower Upper

50 100

52 34.6 26.9 40.3



#4

Vinyl Chloride

Concen: 19.285 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003137.D

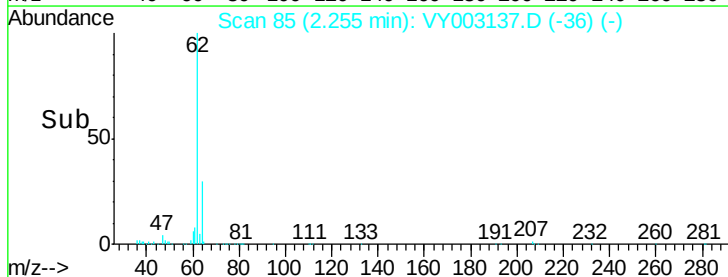
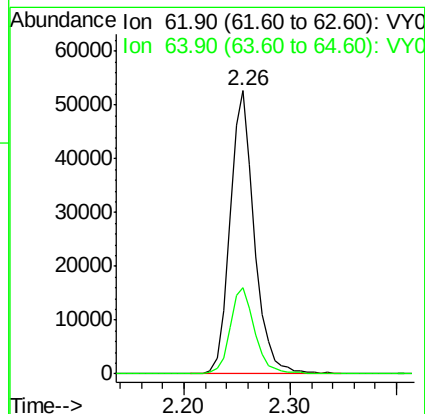
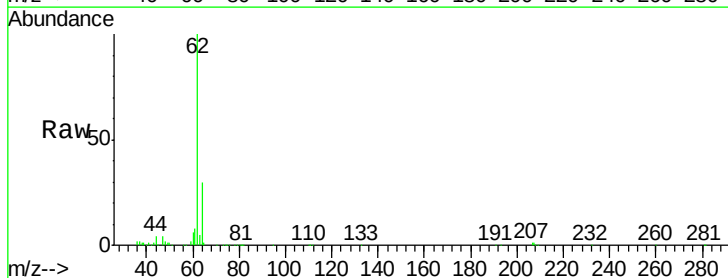
Acq: 08 Jul 2020 15:32

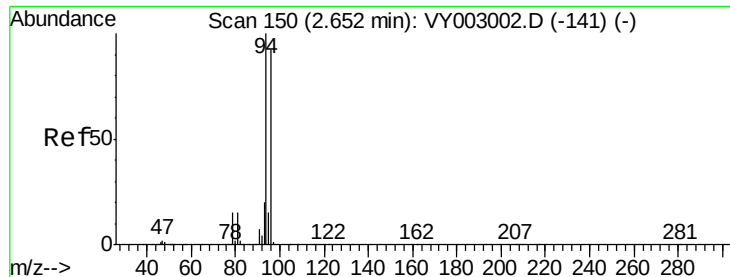
Tgt Ion: 62 Resp: 83584

Ion Ratio Lower Upper

62 100

64 30.3 24.4 36.6





#5

Bromomethane

Concen: 21.984 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

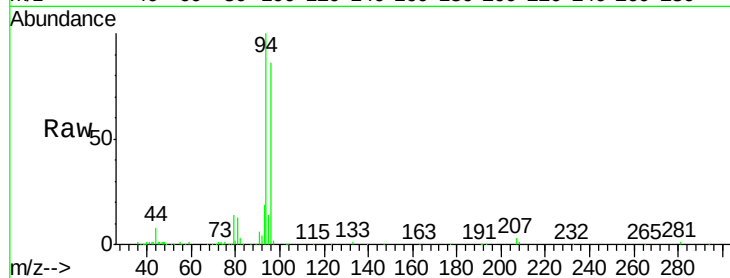
VY0708SBSD01

Tot Ion: 94 Resp: 64693

Ion Ratio Lower Upper

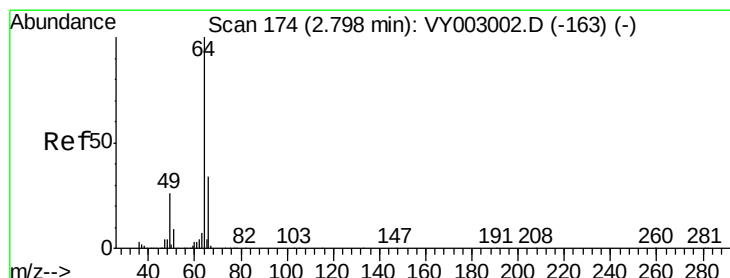
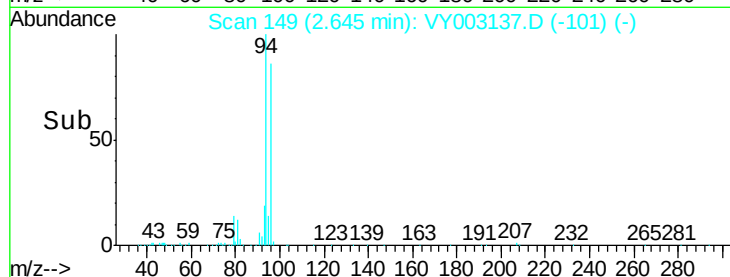
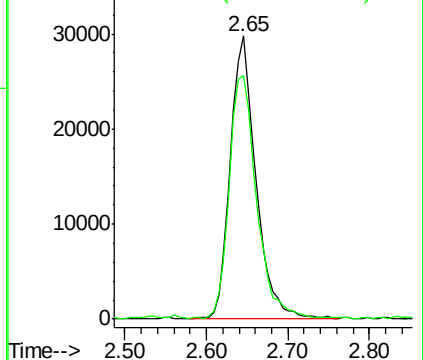
94 100

96 85.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.070 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003137.D

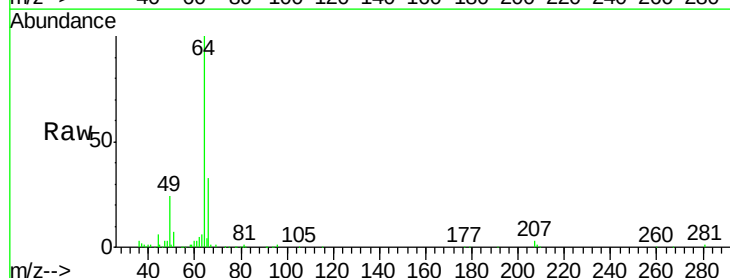
Acq: 08 Jul 2020 15:32

Tgt Ion: 64 Resp: 58095

Ion Ratio Lower Upper

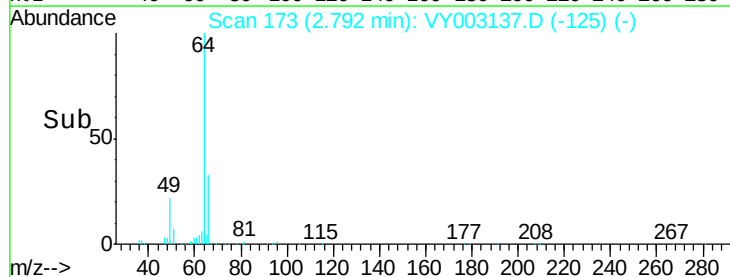
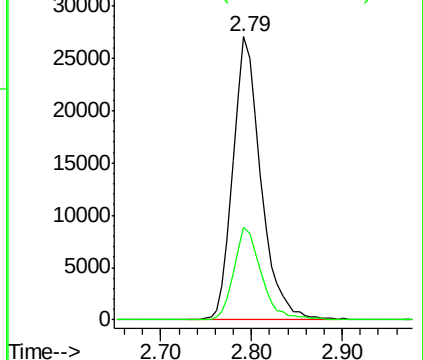
64 100

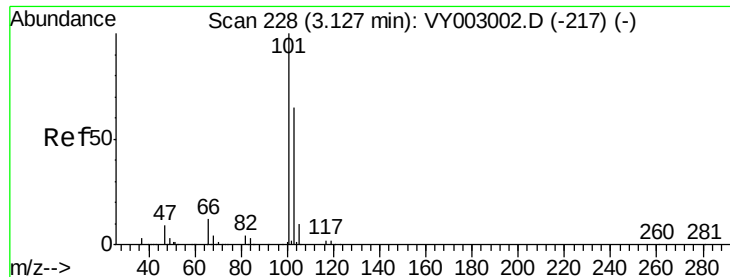
66 32.9 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



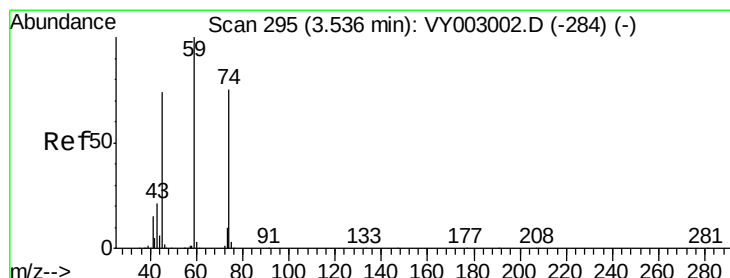
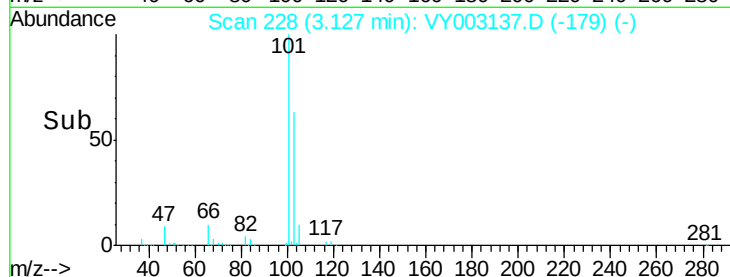
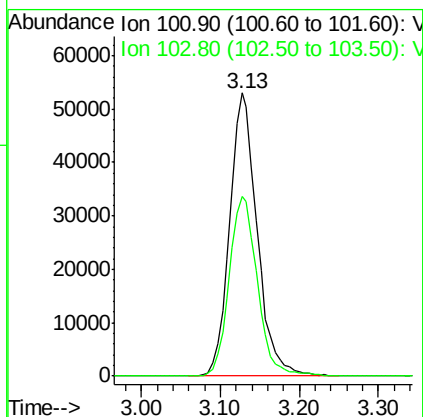
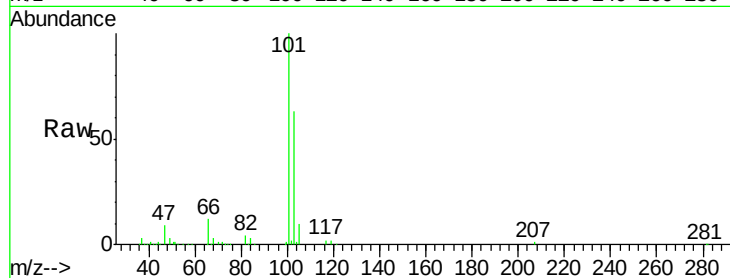


#7

Trichlorofluoromethane
Concen: 20.924 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

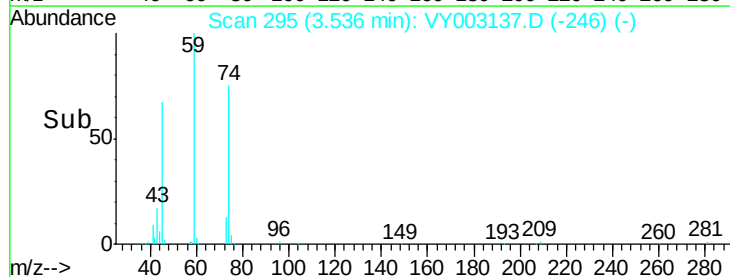
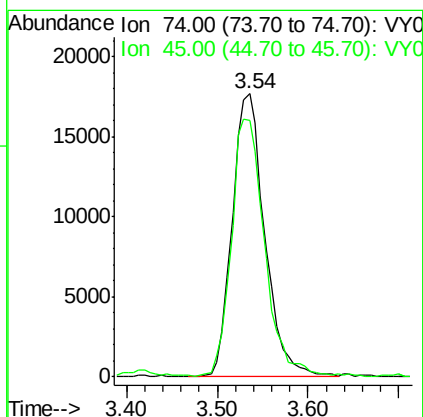
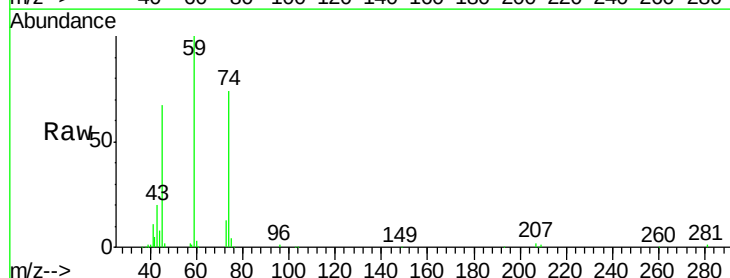
Tot Ion:101 Resp: 128001
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

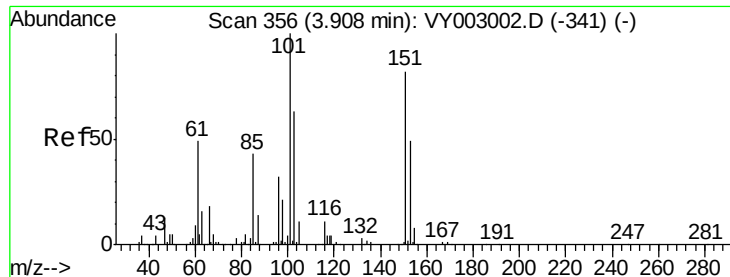


#8

Diethyl Ether
Concen: 21.025 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 74 Resp: 44093
Ion Ratio Lower Upper
74 100
45 93.7 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.506 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

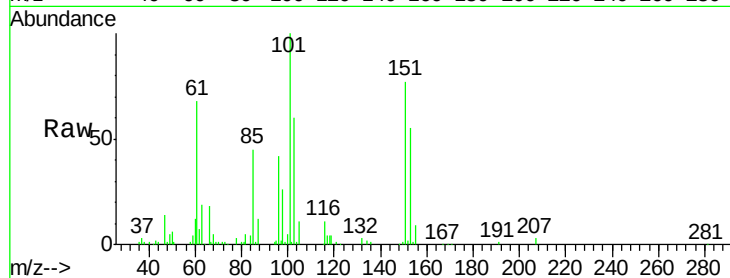
Tot Ion:101 Resp: 78554

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

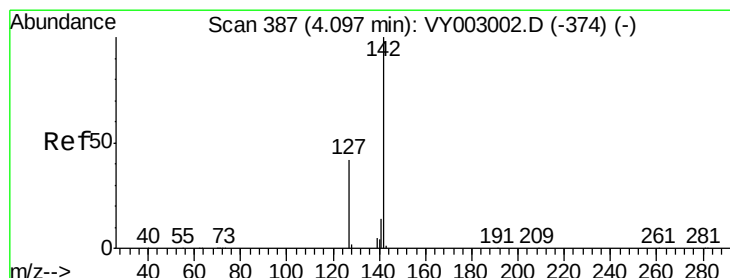
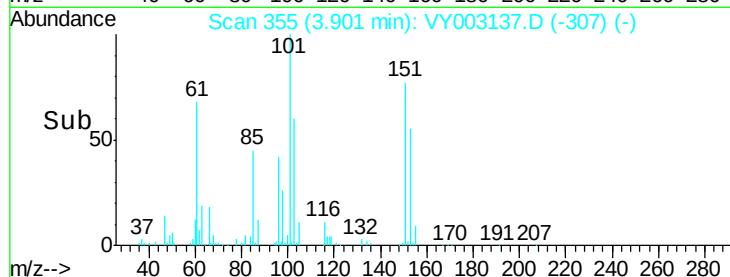
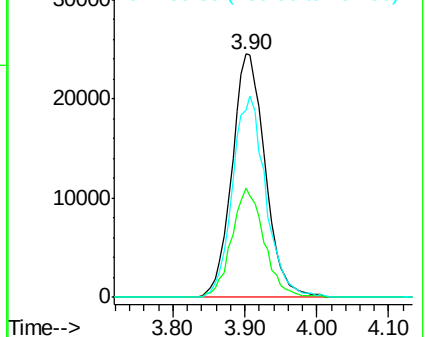
151 82.7 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.730 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

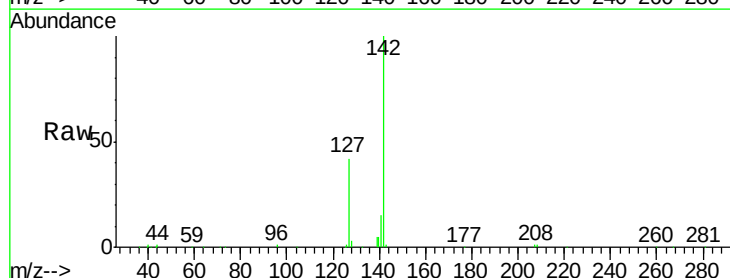
Tgt Ion:142 Resp: 93894

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

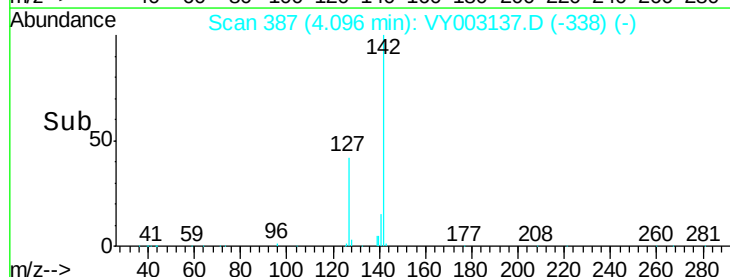
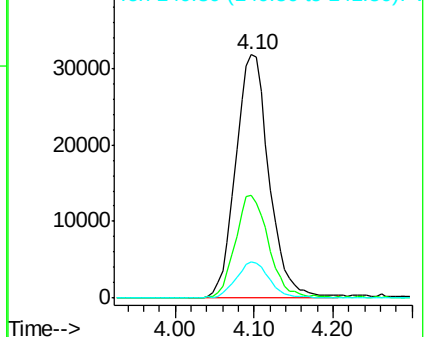
141 14.8 11.7 17.5

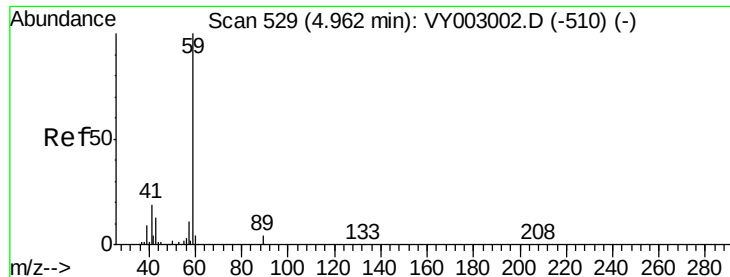


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



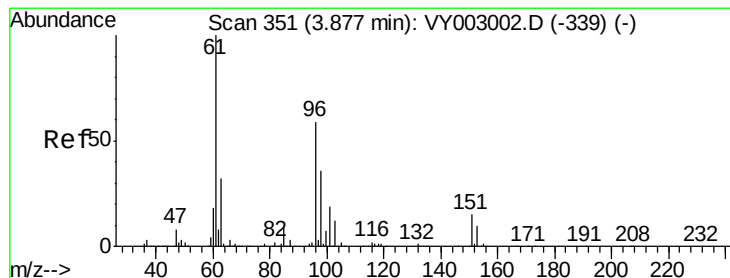
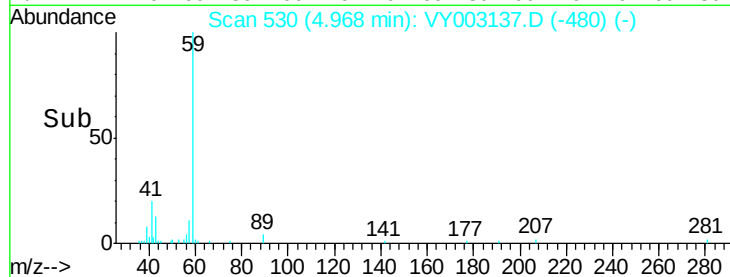
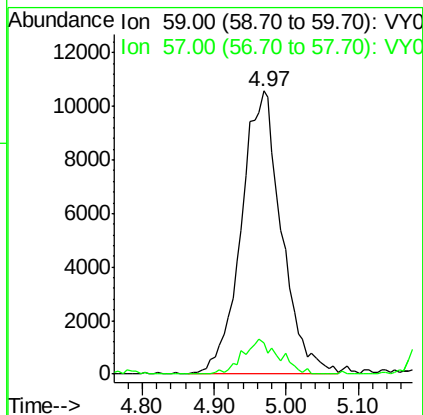
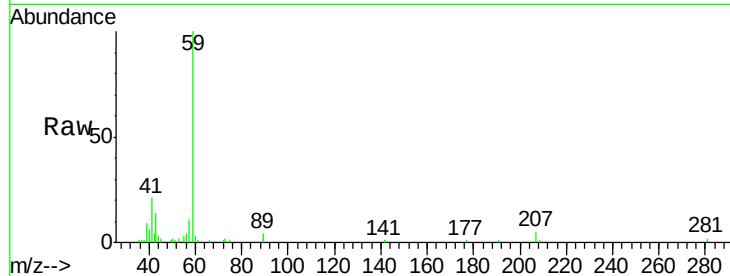


#11

Tert butyl alcohol
 Concen: 101.463 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

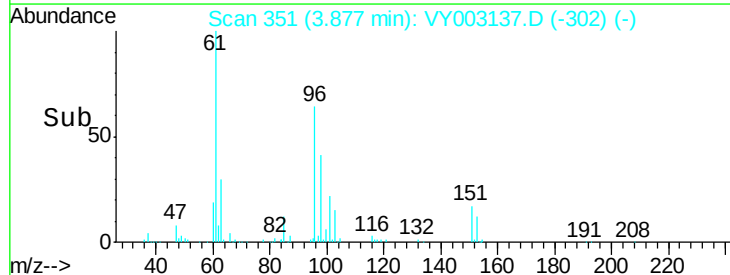
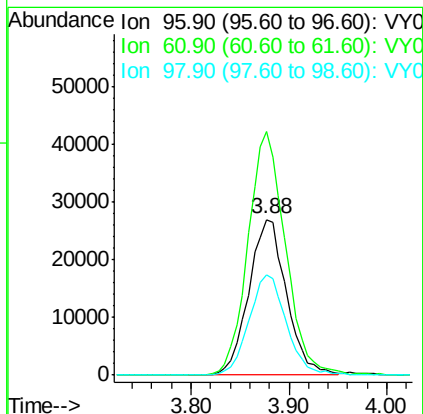
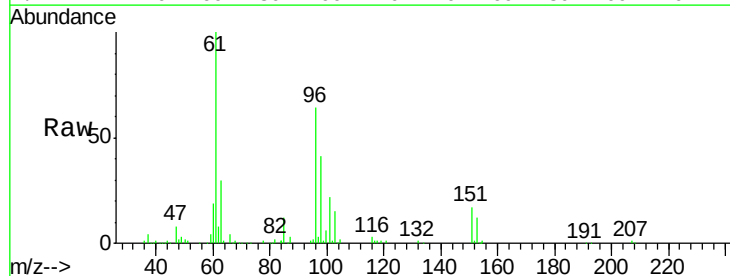
Tot Ion: 59 Resp: 41147
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.0 12.0

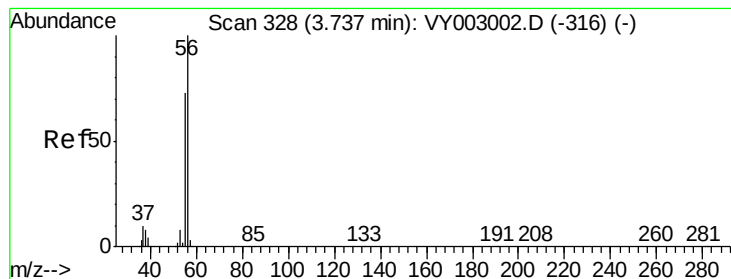


#12

1,1-Dichloroethene
 Concen: 20.696 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 96 Resp: 71928
 Ion Ratio Lower Upper
 96 100
 61 156.3 136.7 205.1
 98 64.1 49.7 74.5





#13

Acrolein

Concen: 80.918 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

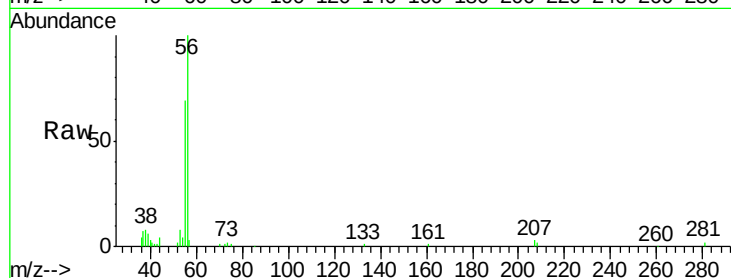
VY0708SBSD01

Tot Ion: 56 Resp: 29473

Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

6000

4000

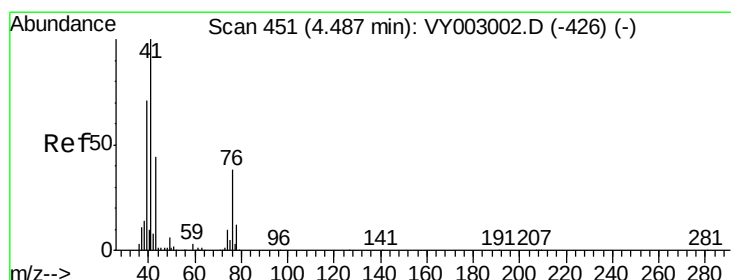
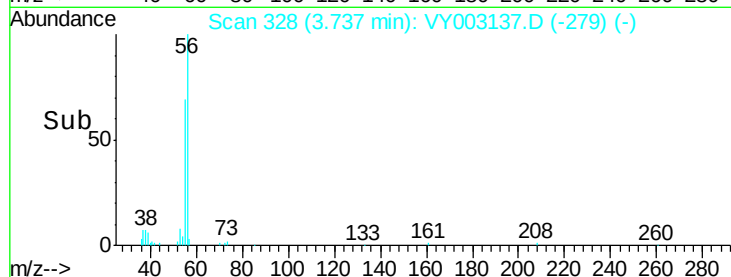
2000

0

Time-->

3.60 3.70 3.80 3.90

3.74



#14

Allyl chloride

Concen: 17.646 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

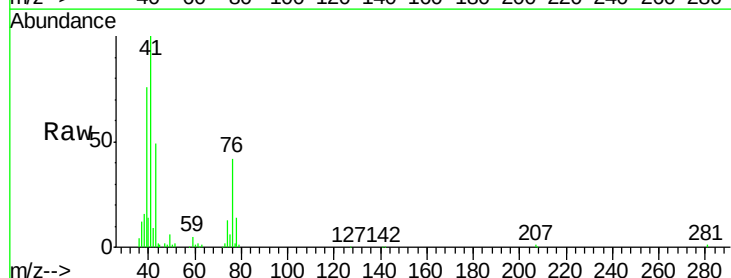
Tgt Ion: 41 Resp: 107074

Ion Ratio Lower Upper

41 100

39 73.3 55.6 83.4

76 39.6 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

50000

40000

30000

20000

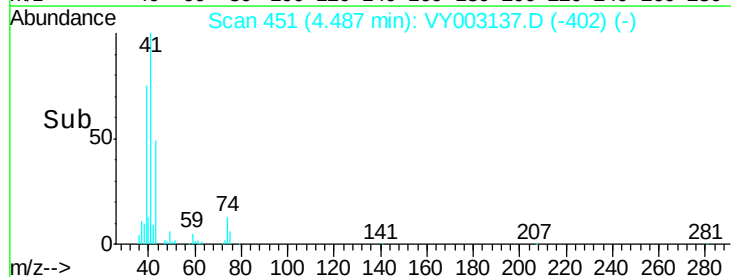
10000

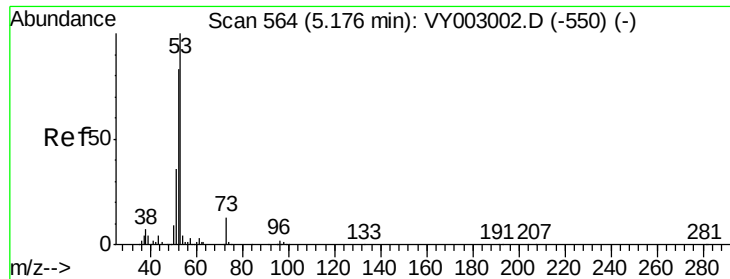
0

Time-->

4.30 4.40 4.50 4.60 4.70

4.49





#15

Acrylonitrile

Concen: 100.568 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

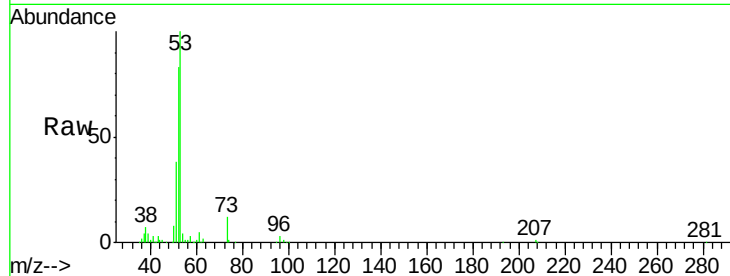
Tot Ion: 53 Resp: 108698

Ion Ratio Lower Upper

53 100

52 81.0 66.2 99.2

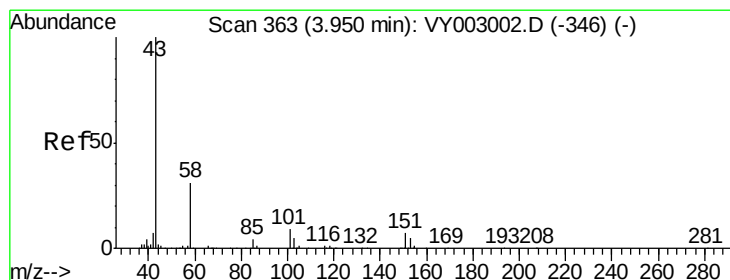
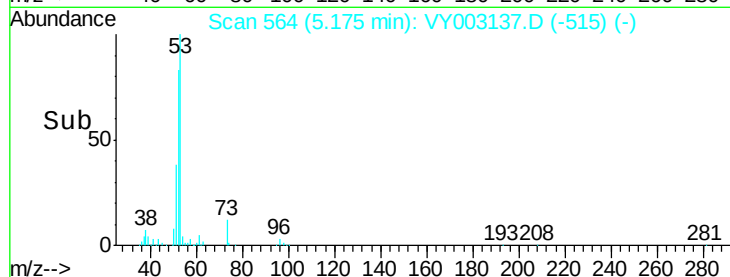
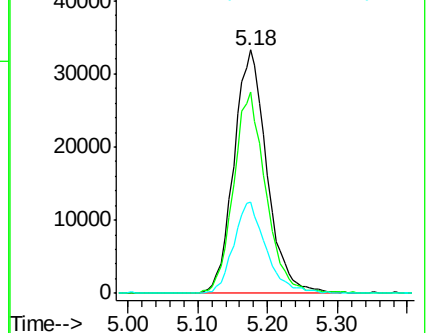
51 37.0 29.5 44.3



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: 90.809 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003137.D

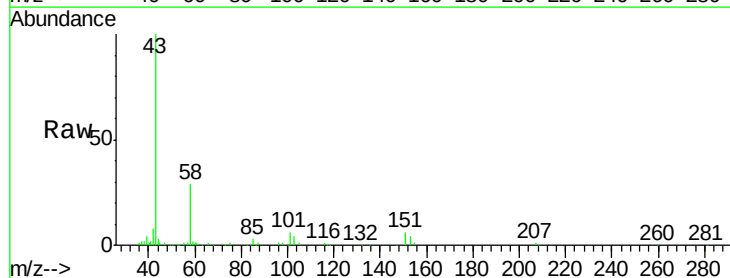
Acq: 08 Jul 2020 15:32

Tgt Ion: 43 Resp: 85225

Ion Ratio Lower Upper

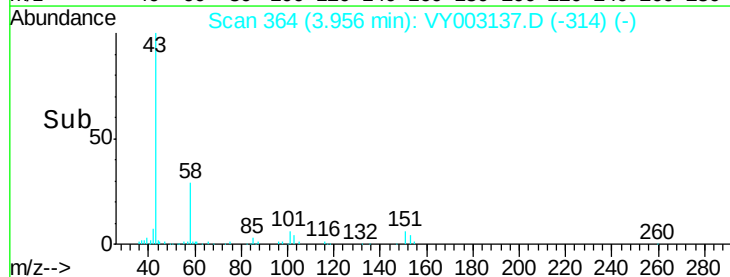
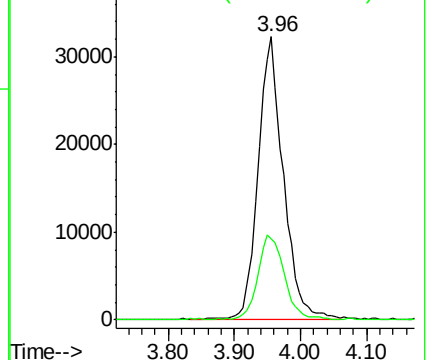
43 100

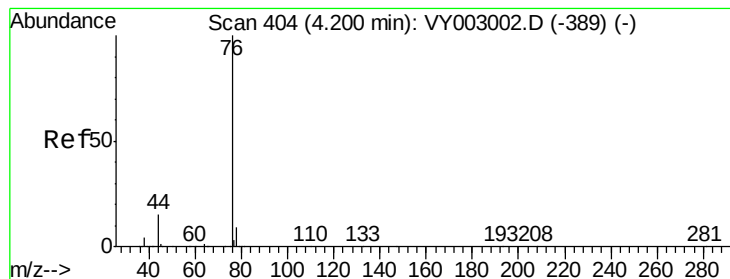
58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.060 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

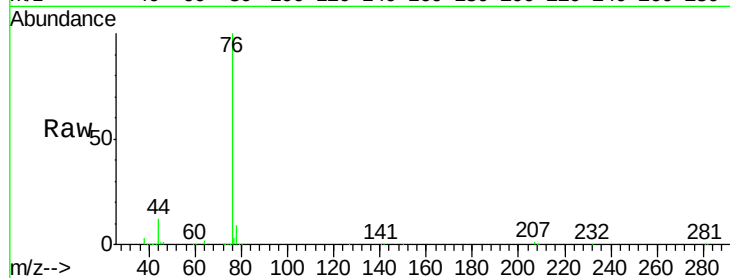
VY0708SBSD01

Tot Ion: 76 Resp: 211643

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

80000

60000

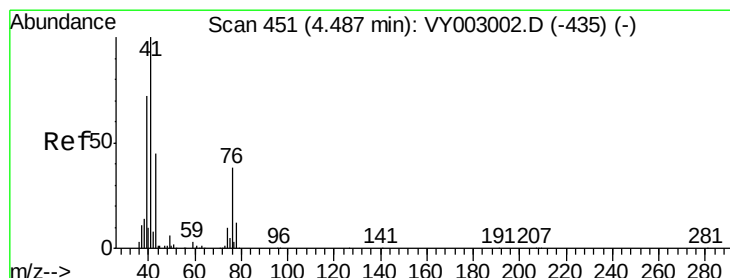
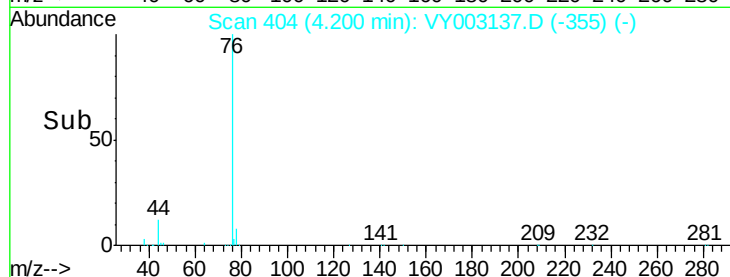
40000

20000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 20.147 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003137.D

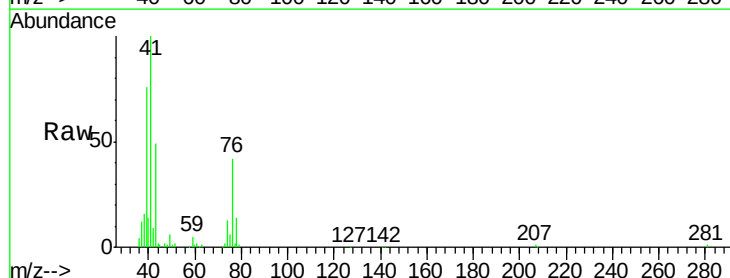
Acq: 08 Jul 2020 15:32

Tgt Ion: 43 Resp: 50942

Ion Ratio Lower Upper

43 100

74 25.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

15000

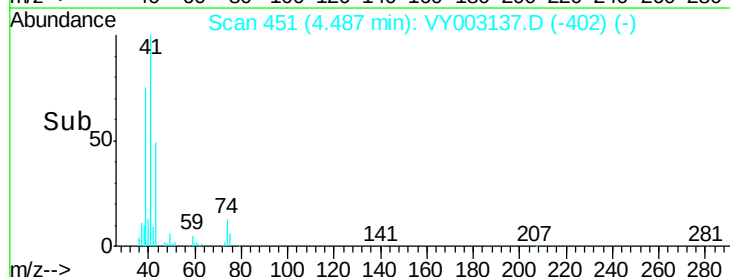
10000

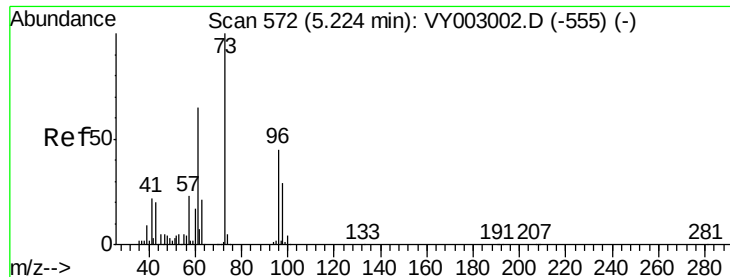
5000

0

Time-->

4.30 4.40 4.50 4.60 4.70

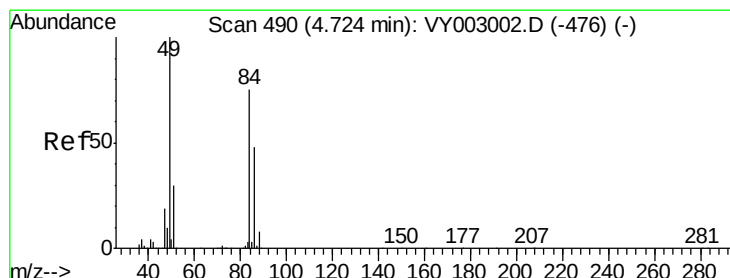
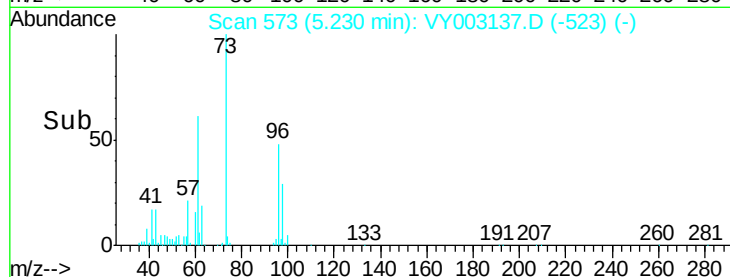
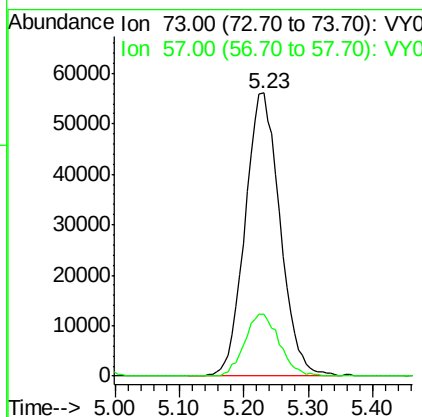
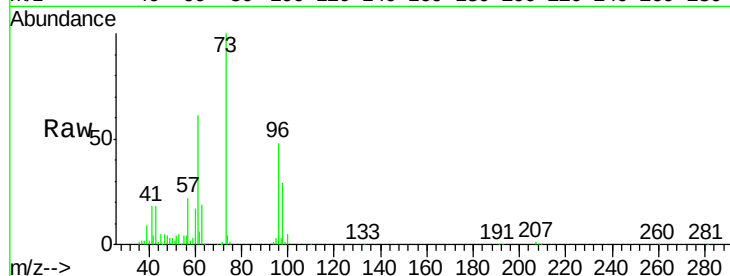




#19
Methyl tert-butyl Ether
Concen: 20.670 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

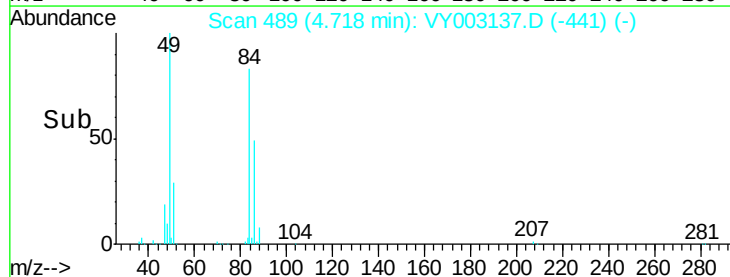
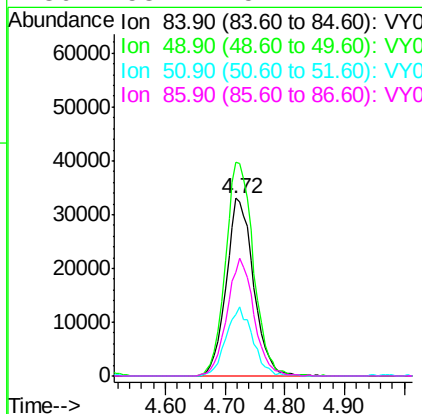
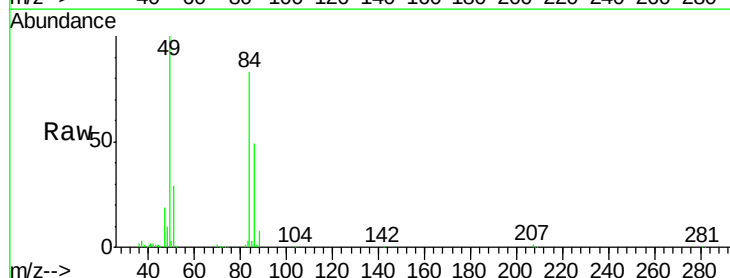
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

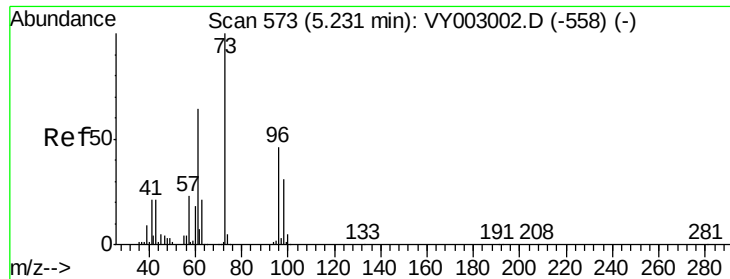
Tot Ion: 73 Resp: 209397
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 21.023 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 84 Resp: 104963
Ion Ratio Lower Upper
84 100
49 120.5 106.8 160.2
51 34.9 32.0 48.0
86 58.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.800 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

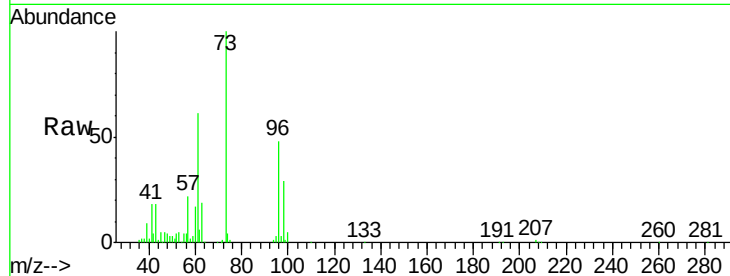
Tot Ion: 96 Resp: 81770

Ion Ratio Lower Upper

96 100

61 129.1 112.3 168.5

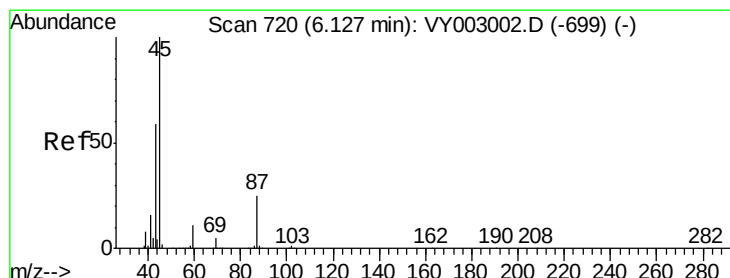
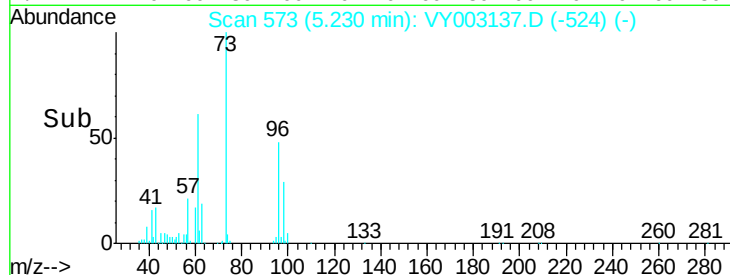
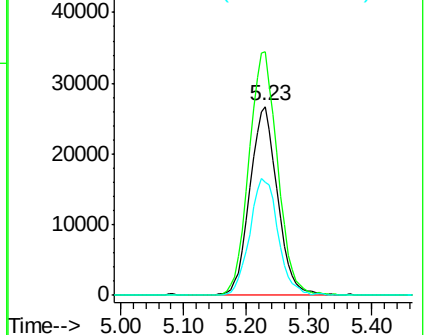
98 60.0 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.029 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion: 45 Resp: 247478

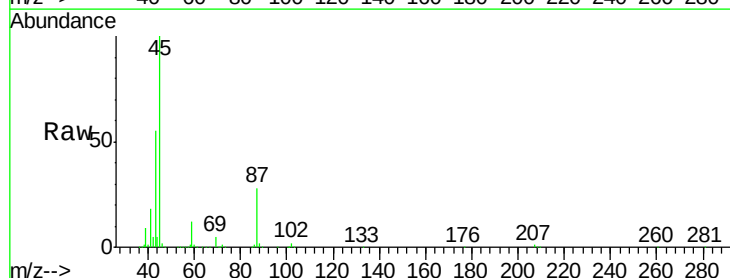
Ion Ratio Lower Upper

45 100

43 55.0 47.4 71.2

87 27.9 20.2 30.2

59 11.5 9.2 13.8

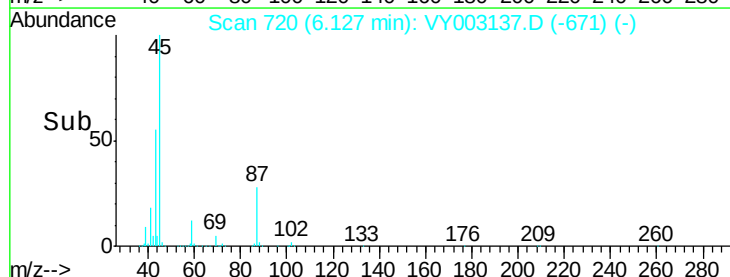
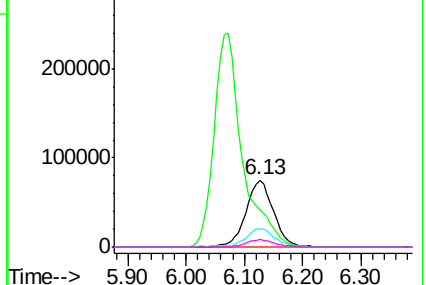


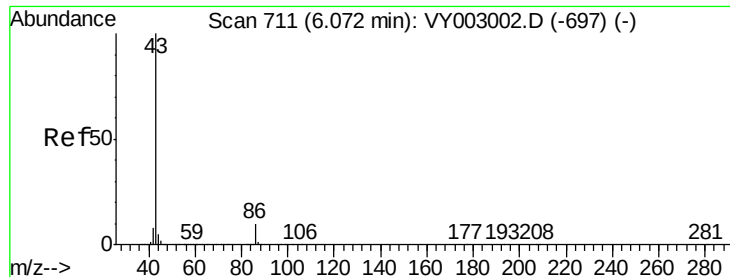
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 92.994 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

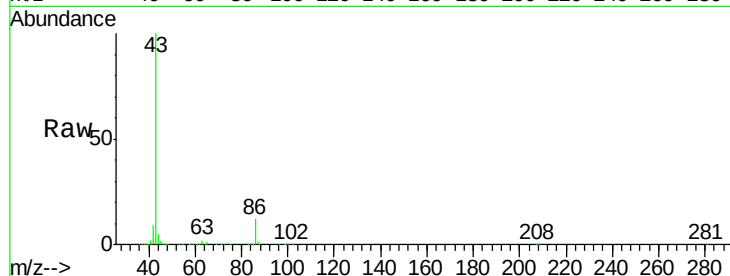
VY0708SBS01

Tot Ion: 43 Resp: 808585

Ion Ratio Lower Upper

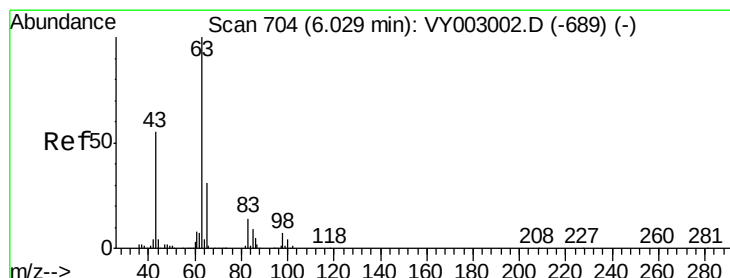
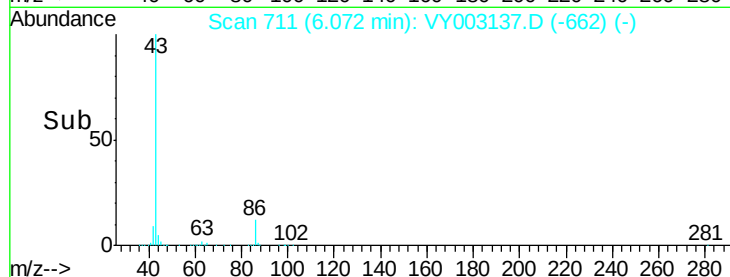
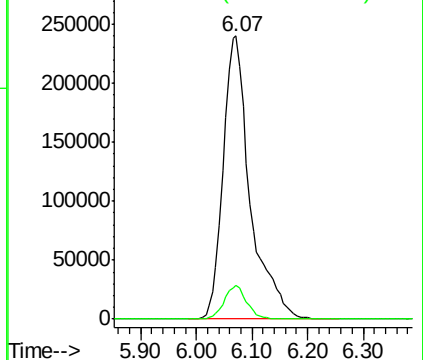
43 100

86 11.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.709 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

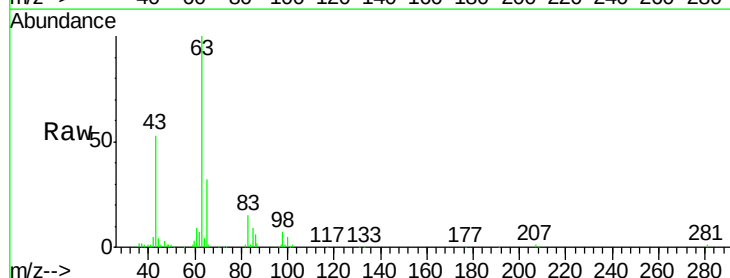
Tgt Ion: 63 Resp: 140017

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

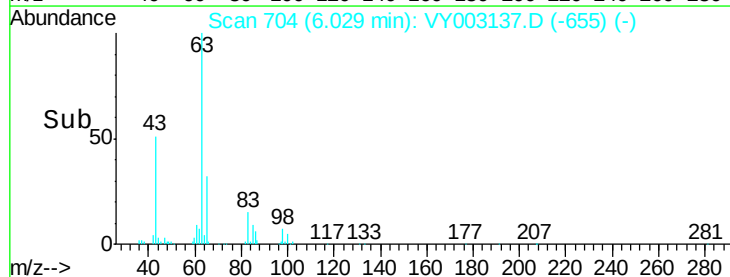
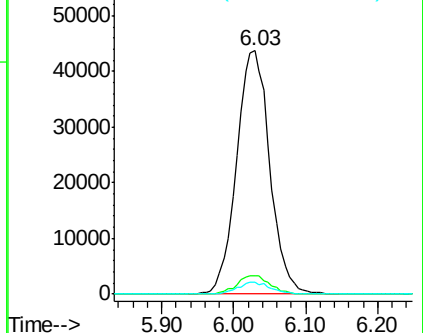
100 5.0 2.3 6.8

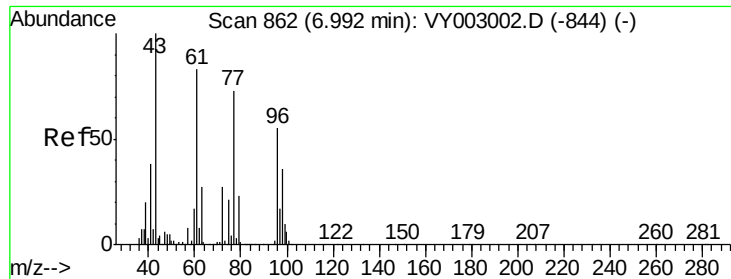


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

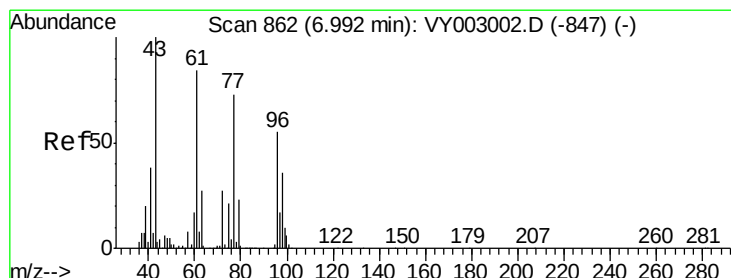
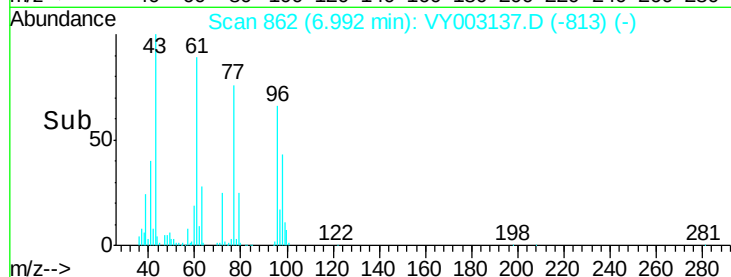
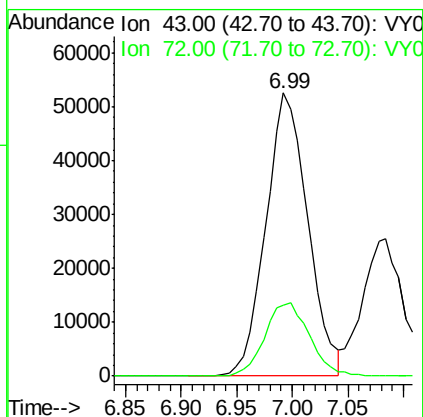
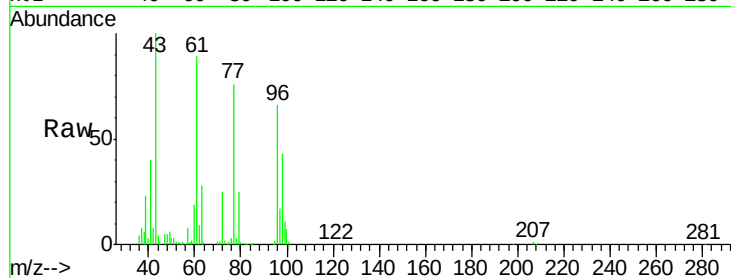




#25
2-Butanone
Concen: 92.554 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

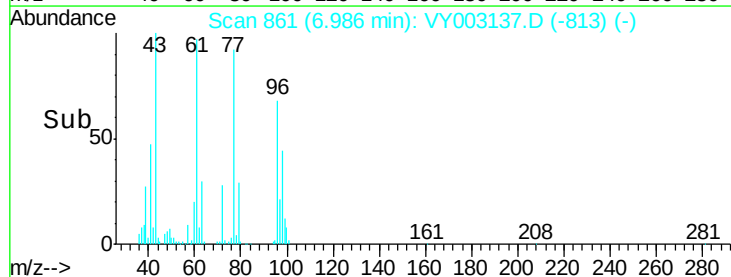
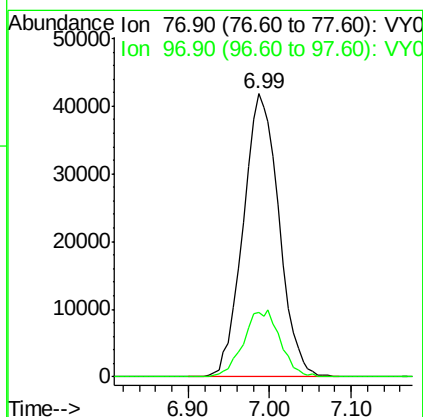
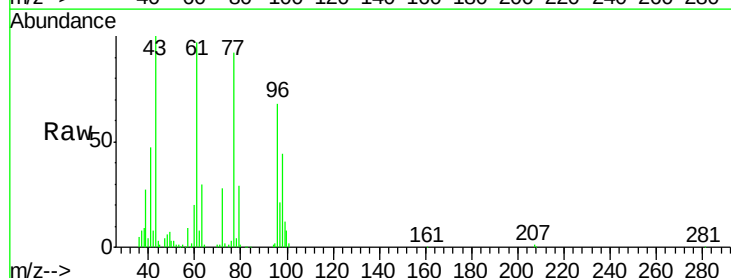
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

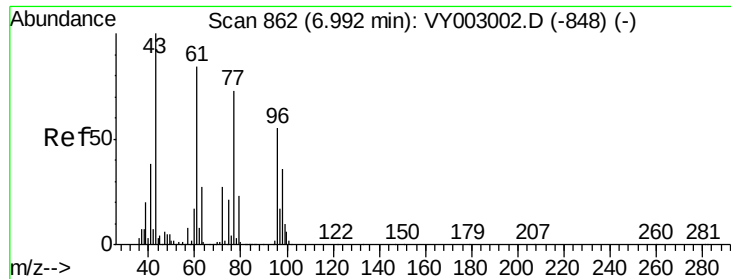
Tot Ion: 43 Resp: 137983
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.757 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 77 Resp: 127526
Ion Ratio Lower Upper
77 100
97 24.1 11.3 33.9



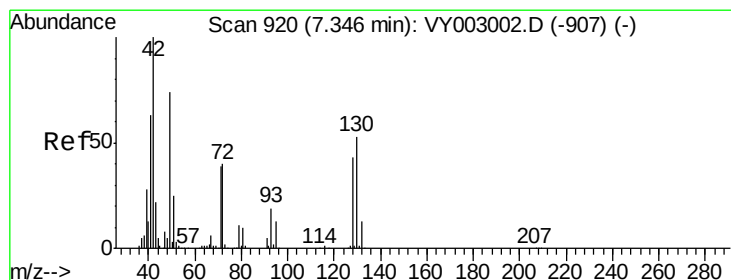
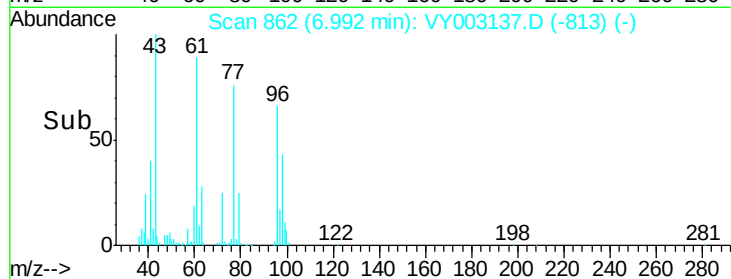
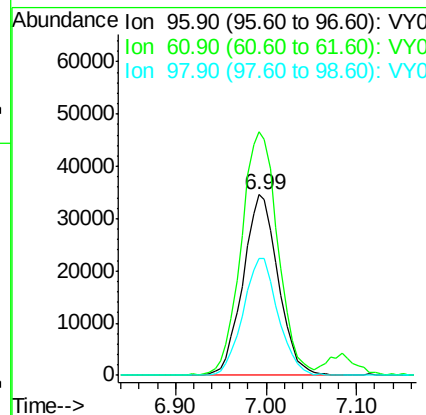
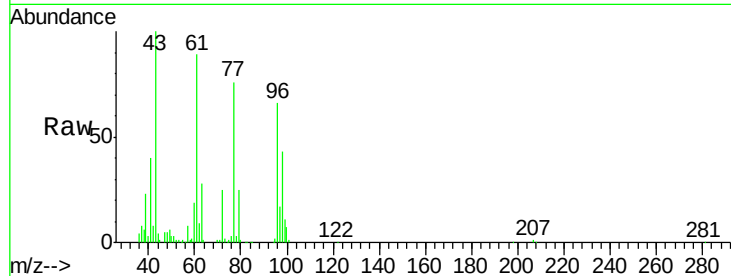


#27

cis-1,2-Dichloroethene
 Concen: 21.017 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

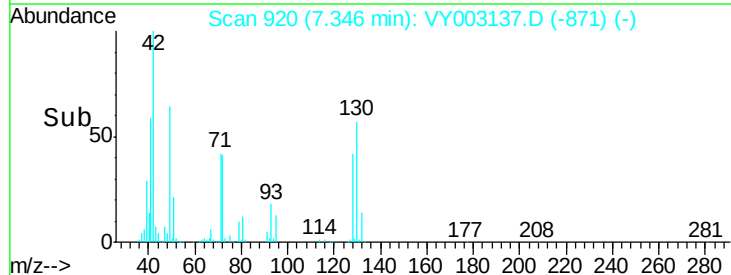
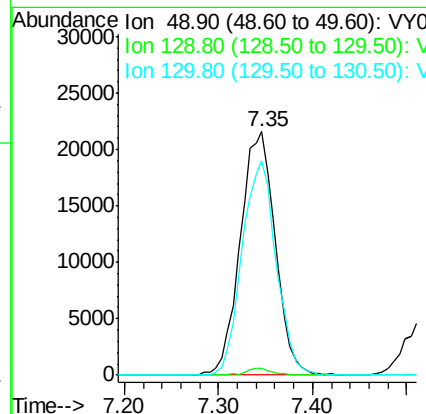
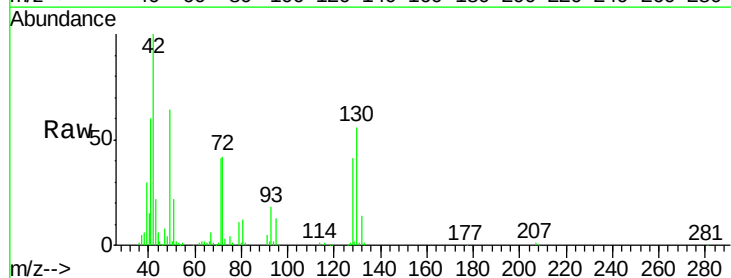
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	301.2
98	64.7	0.0	129.0

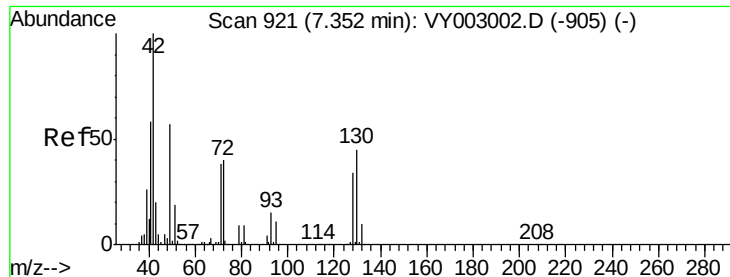


#28

Bromochloromethane
 Concen: 17.708 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	85.9	57.0	85.6#





#29

Tetrahydrofuran

Concen: 96.683 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

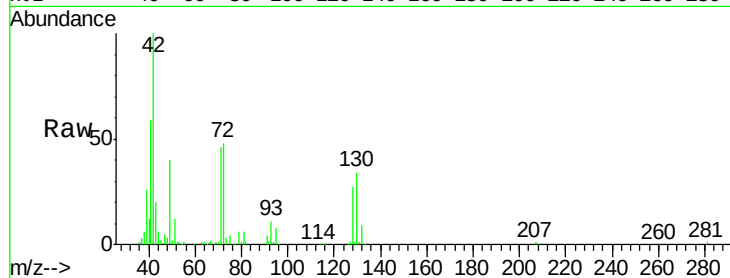
Tot Ion: 42 Resp: 95852

Ion Ratio Lower Upper

42 100

72 45.5 32.9 49.3

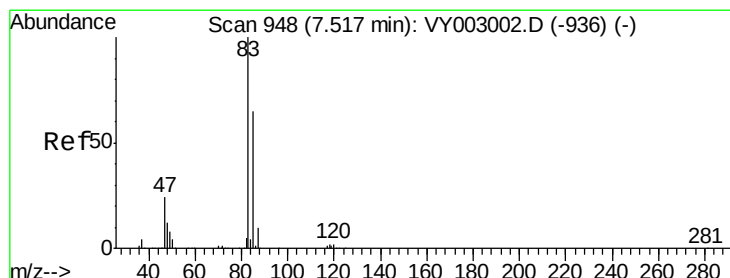
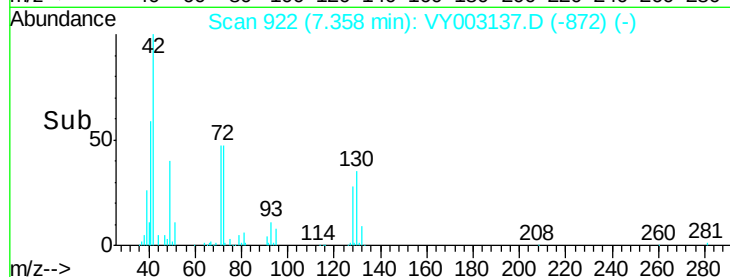
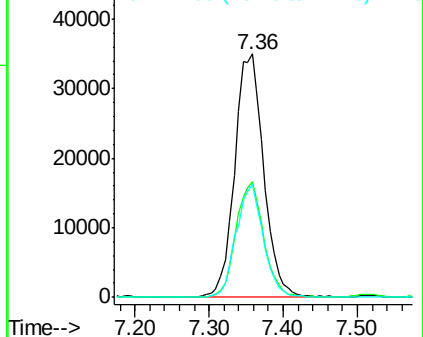
71 43.4 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.999 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003137.D

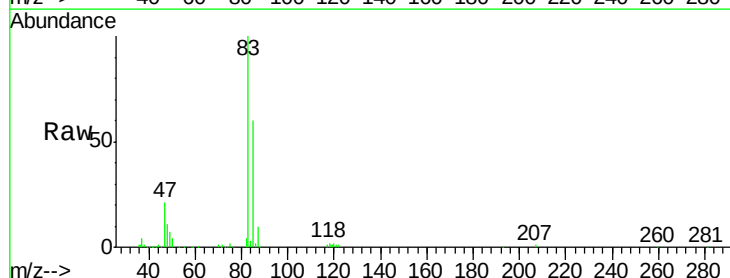
Acq: 08 Jul 2020 15:32

Tgt Ion: 83 Resp: 147790

Ion Ratio Lower Upper

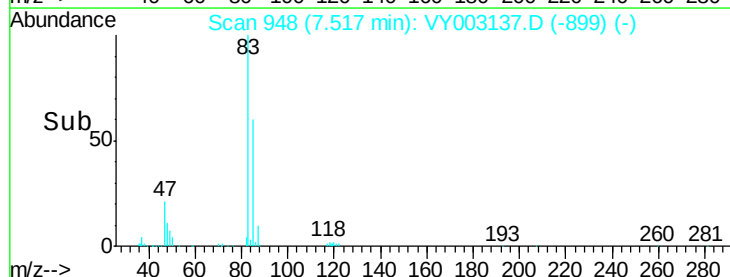
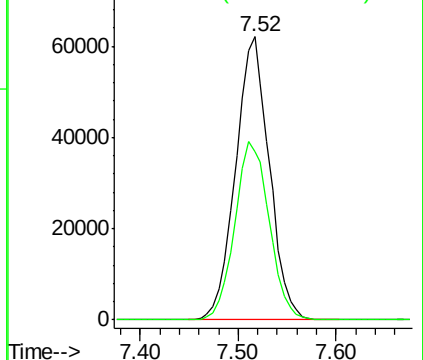
83 100

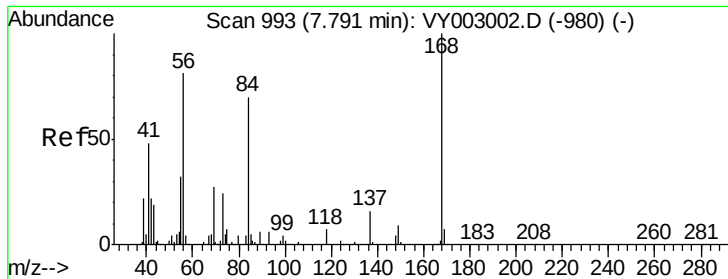
85 59.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

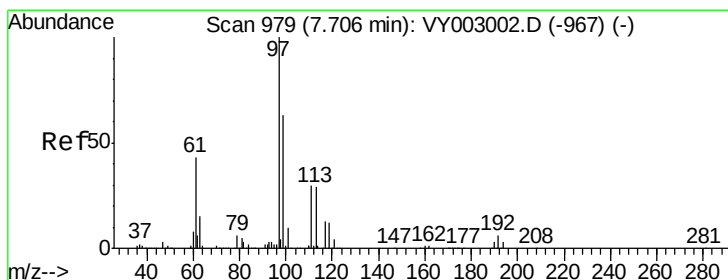
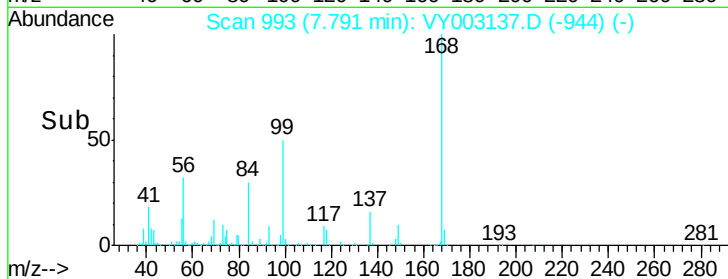
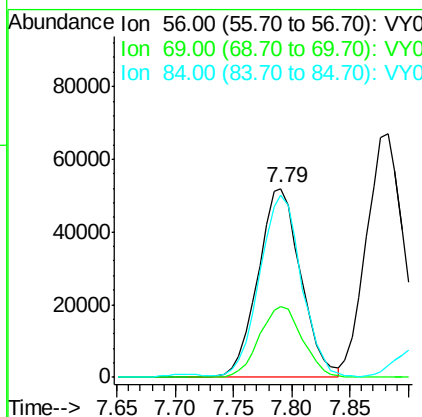
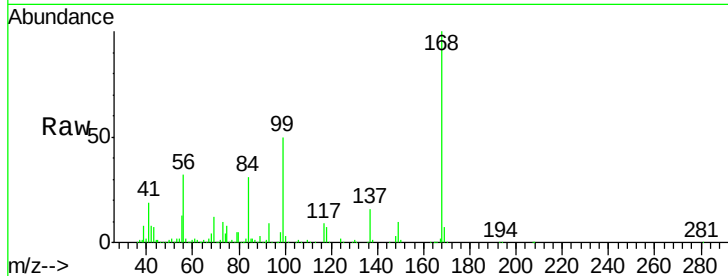




#31
Cyclohexane
Concen: 19.009 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

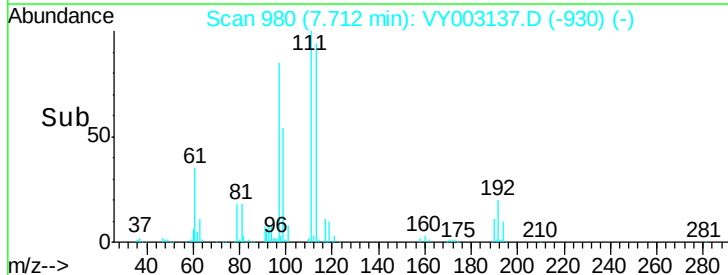
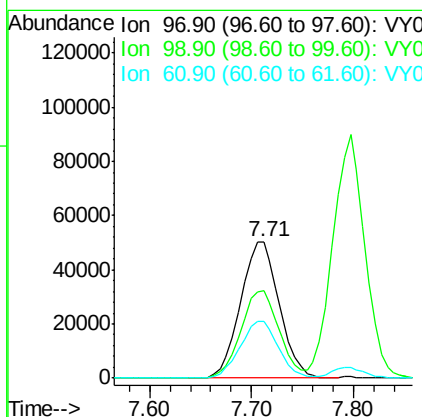
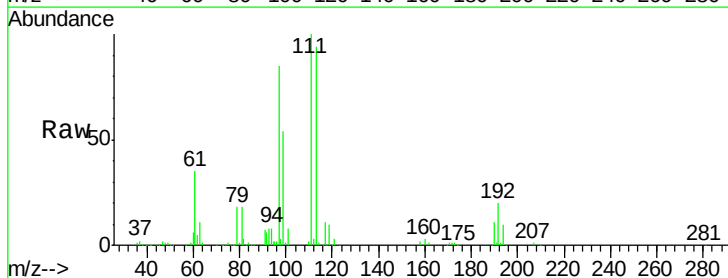
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

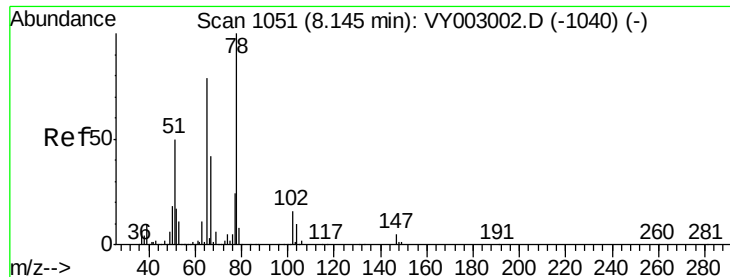
Tot Ion: 56 Resp: 133039
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.4
84 94.8 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 20.578 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 97 Resp: 132198
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.2
61 41.2 33.9 50.9

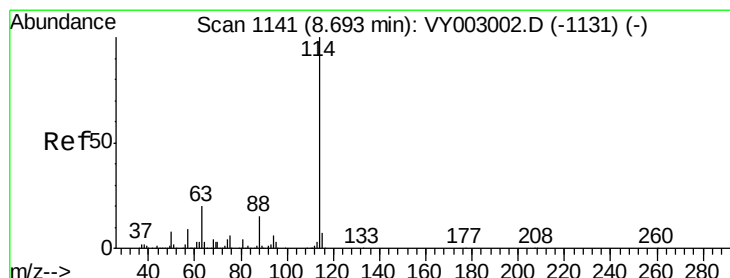
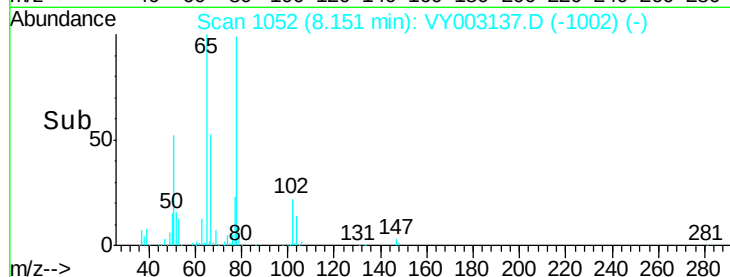
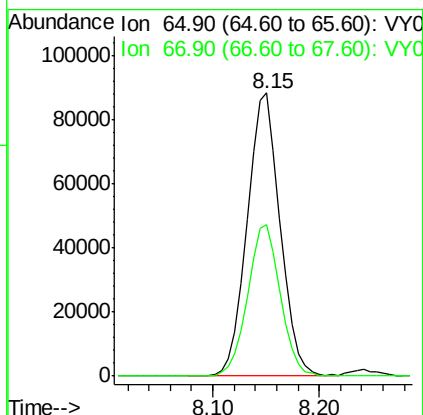
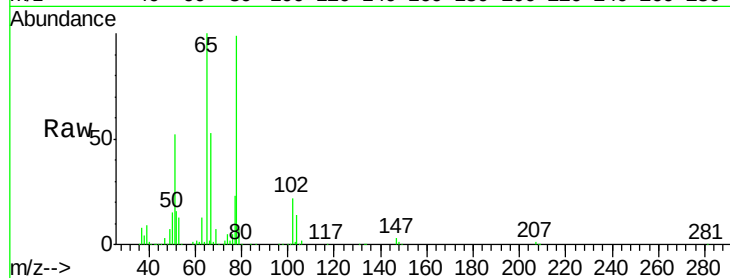




#33
 1,2-Dichloroethane-d4
 Concen: 48.282 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

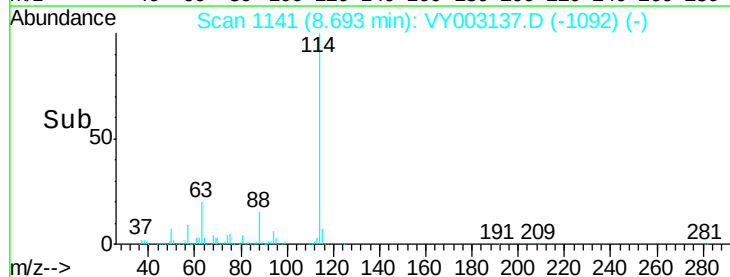
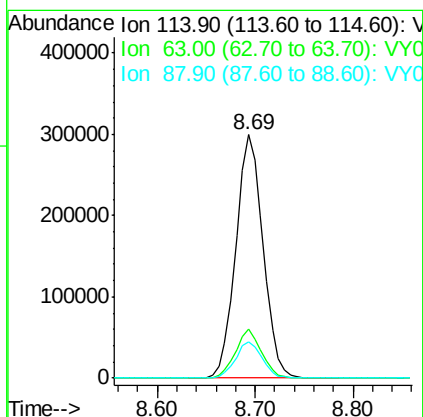
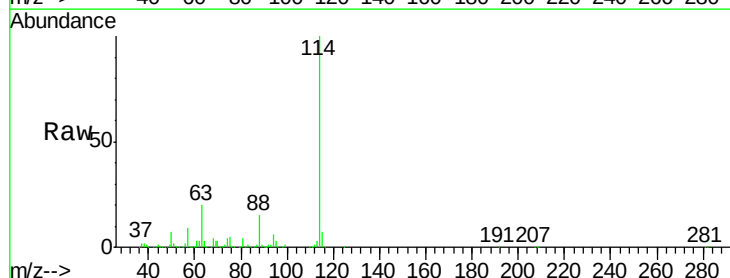
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

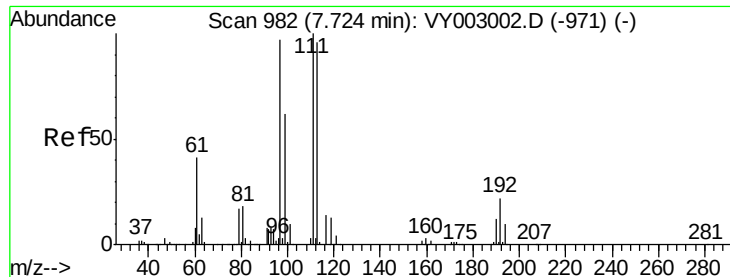
Tot Ion: 65 Resp: 192131
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 114 Resp: 576409
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.239 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

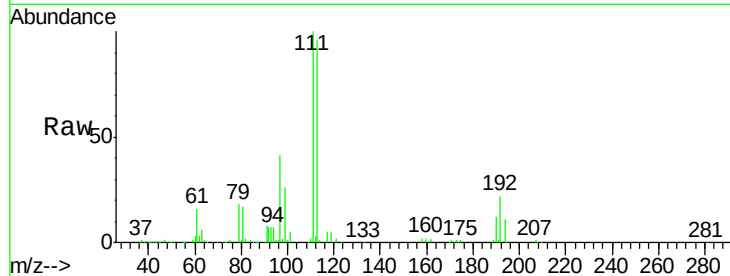
Tot Ion:113 Resp: 187839

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

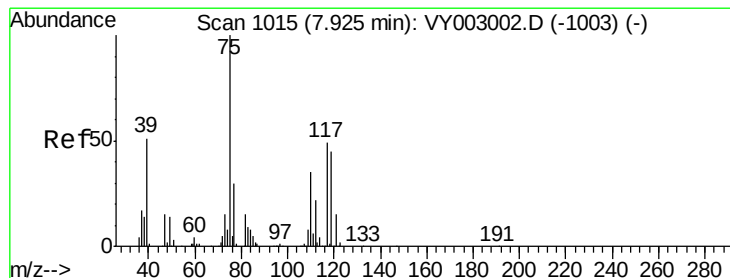
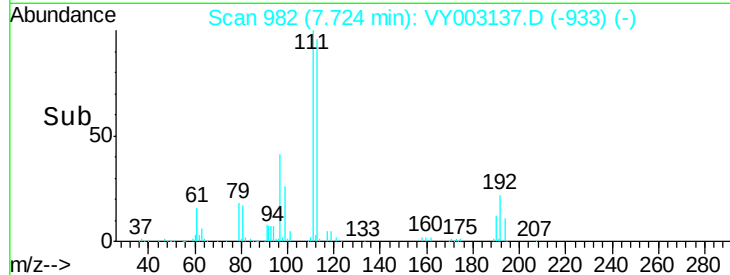
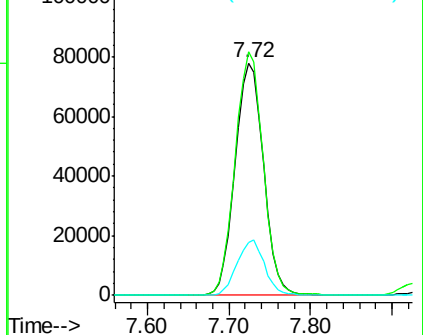
192 23.0 18.1 27.1



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: 20.669 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

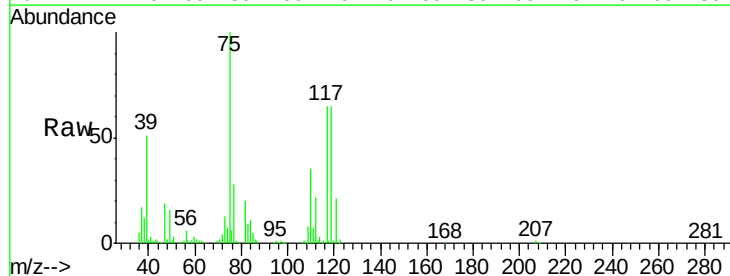
Tgt Ion: 75 Resp: 114756

Ion Ratio Lower Upper

75 100

110 35.8 17.1 51.2

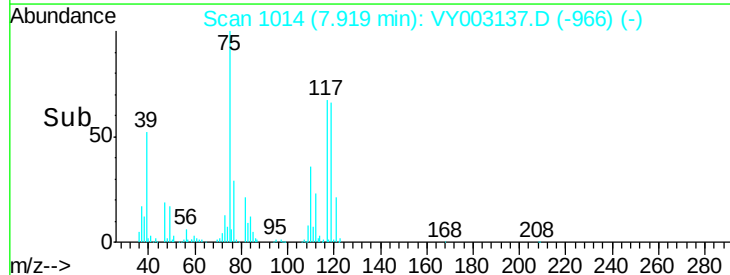
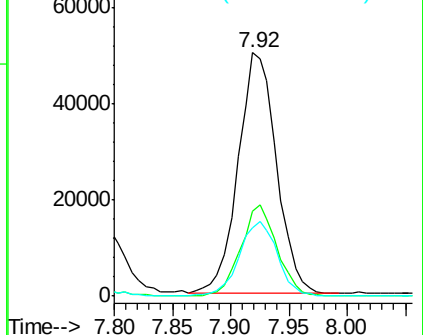
77 31.1 24.9 37.3

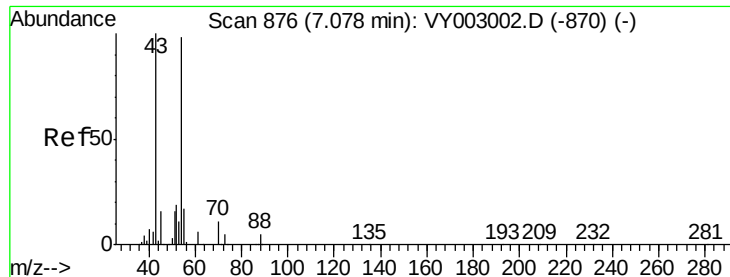


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

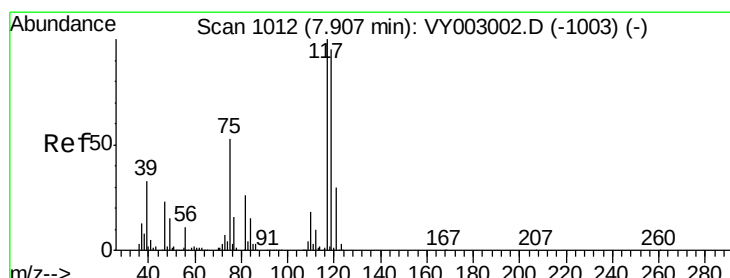
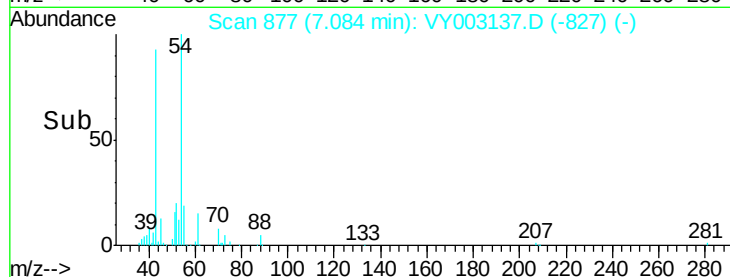
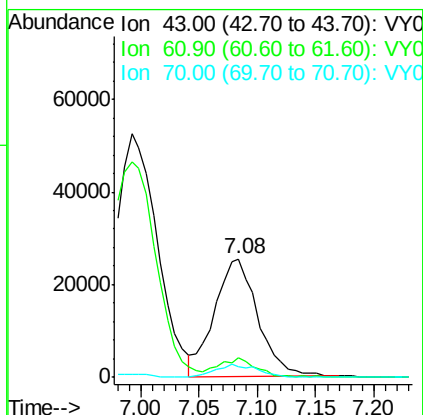
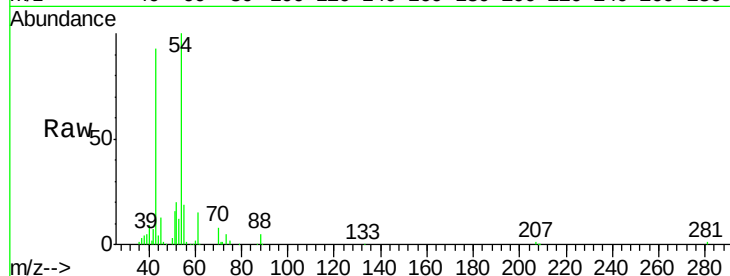




#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

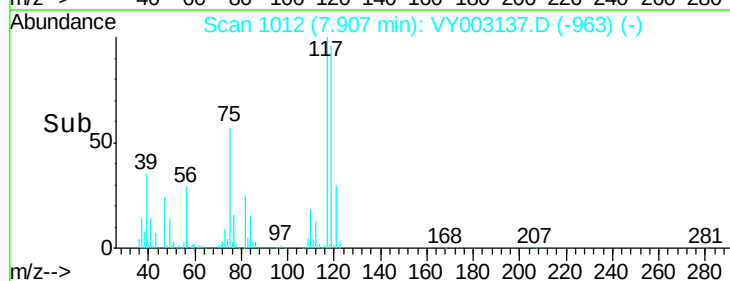
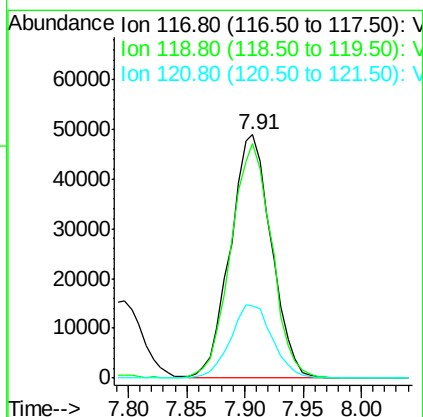
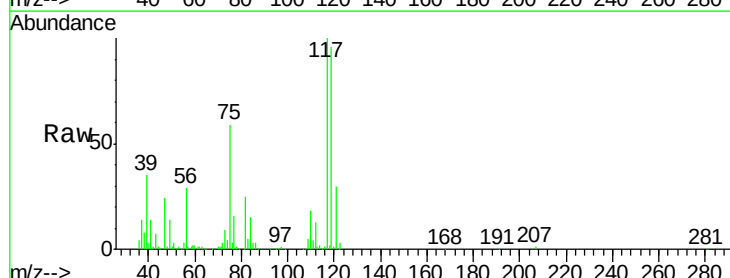
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

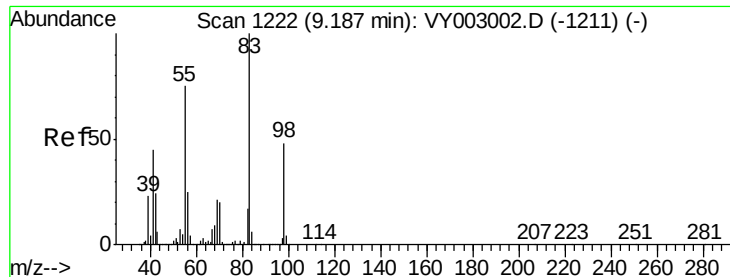
Tot Ion: 43 Resp: 65861
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.815 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 117 Resp: 120244
Ion Ratio Lower Upper
117 100
119 96.1 75.7 113.5
121 29.7 23.9 35.9

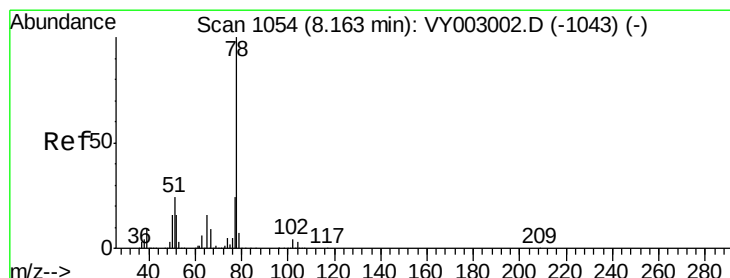
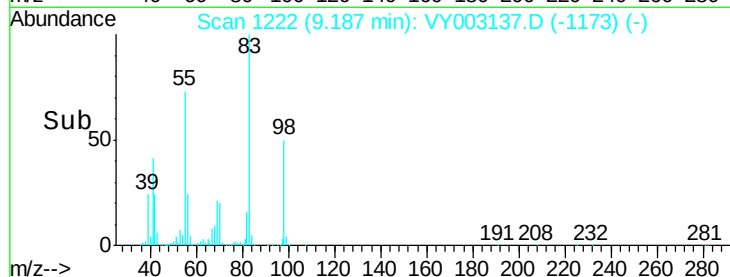
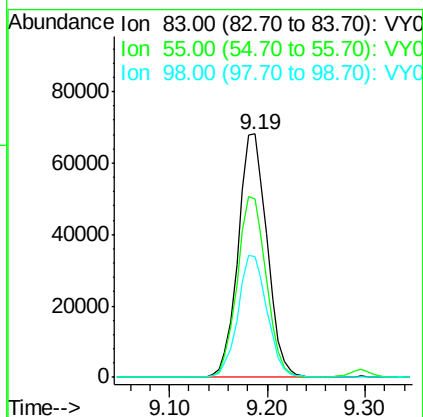
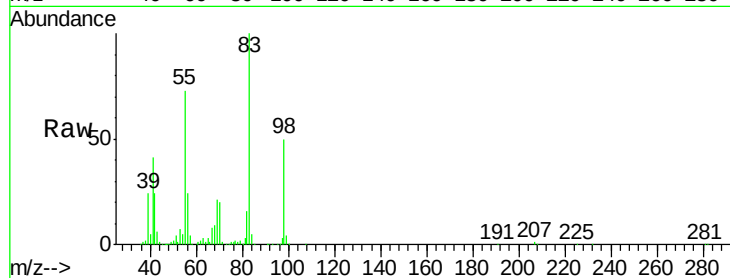




#39
Methylvlcyclohexane
Concen: 20.336 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

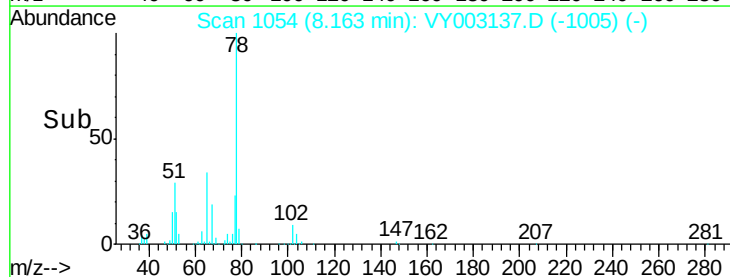
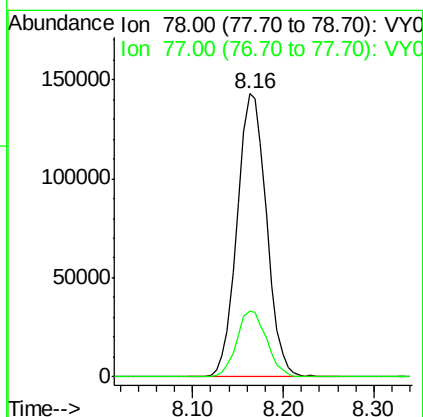
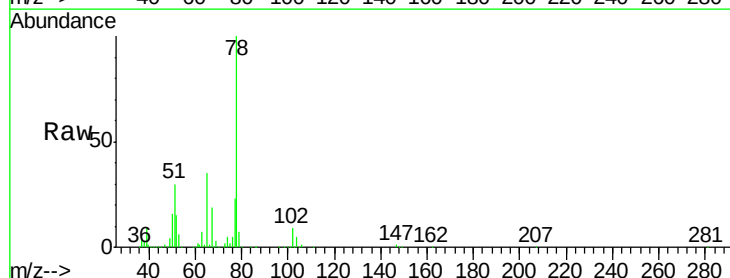
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

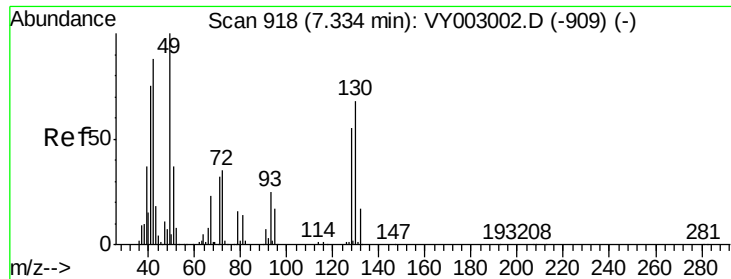
Tot Ion: 83 Resp: 139994
Ion Ratio Lower Upper
83 100
55 73.4 59.9 89.9
98 49.6 38.7 58.1



#40
Benzene
Concen: 21.094 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 78 Resp: 320633
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

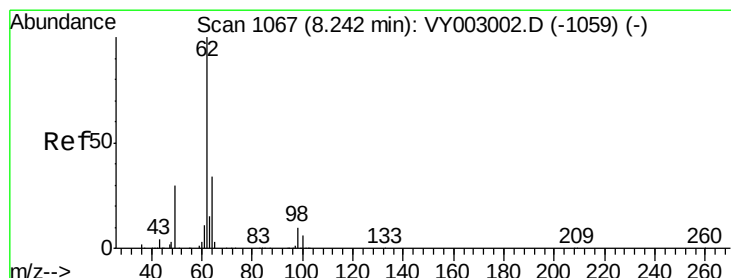
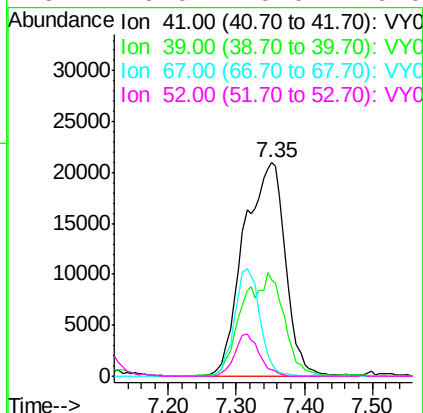
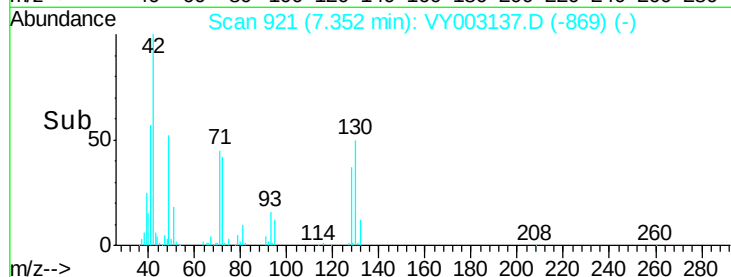
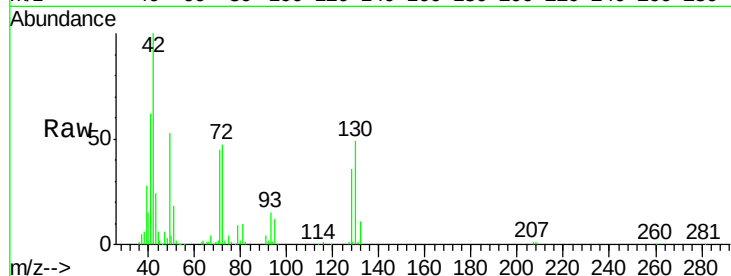




#41
Methacrylonitrile
Concen: 50.093 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

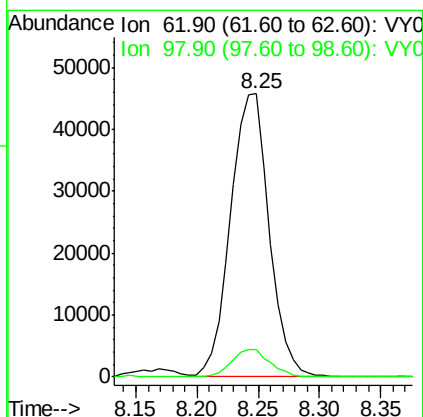
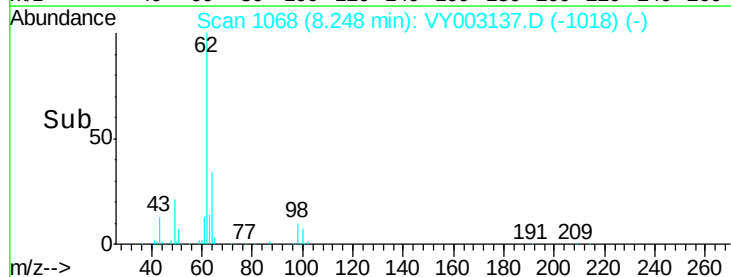
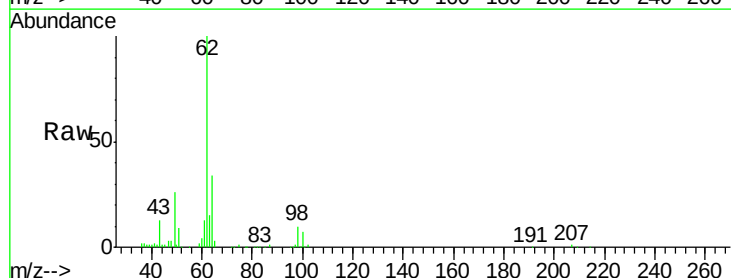
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

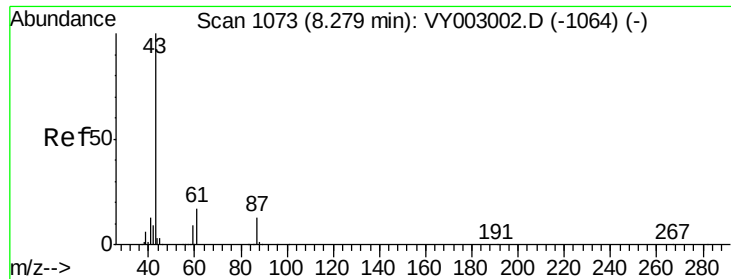
Tot Ion:	41	Resp:	89328
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.858 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion:	62	Resp:	100301
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.379 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

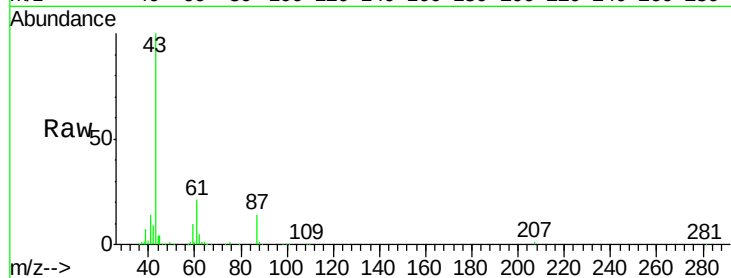
Tot Ion: 43 Resp: 122983

Ion Ratio Lower Upper

43 100

61 29.4 21.8 32.6

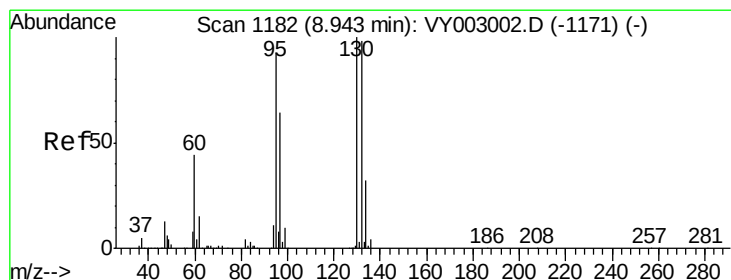
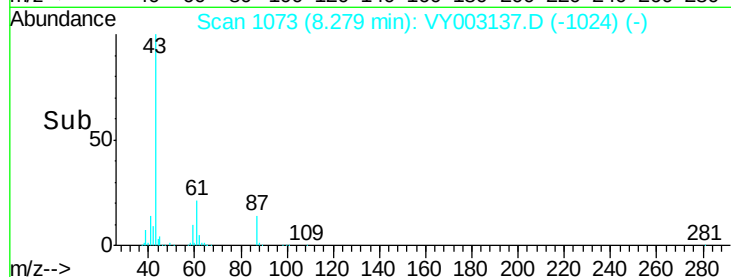
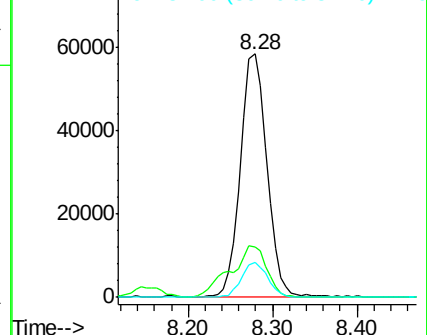
87 14.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003137.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003137.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003137.D (-1024) (-)



#44

Trichloroethene

Concen: 22.633 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003137.D

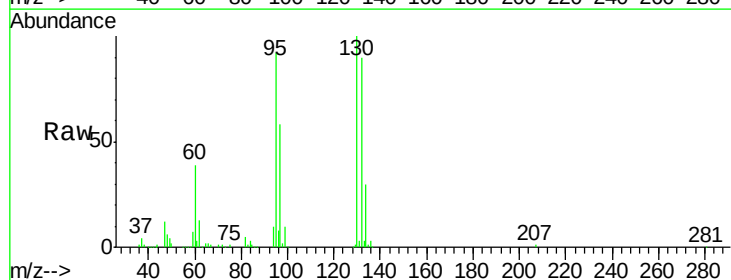
Acq: 08 Jul 2020 15:32

Tgt Ion: 130 Resp: 99996

Ion Ratio Lower Upper

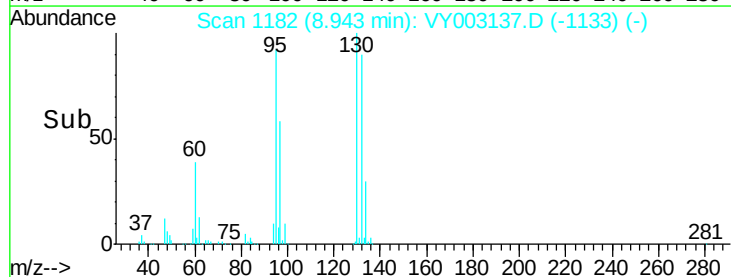
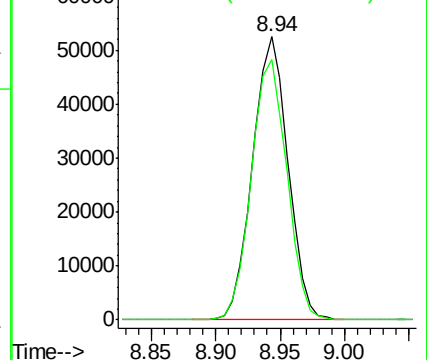
130 100

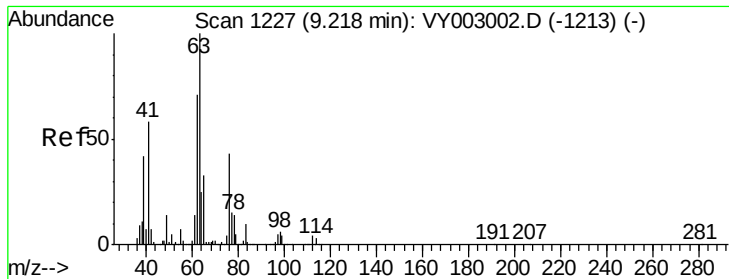
95 92.0 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003137.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003137.D (-1133) (-)

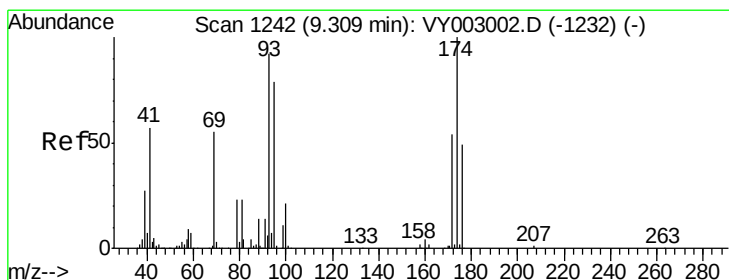
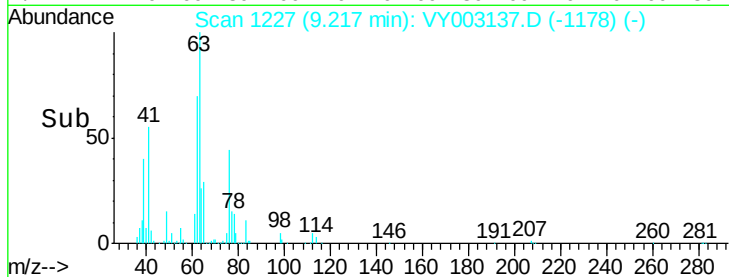
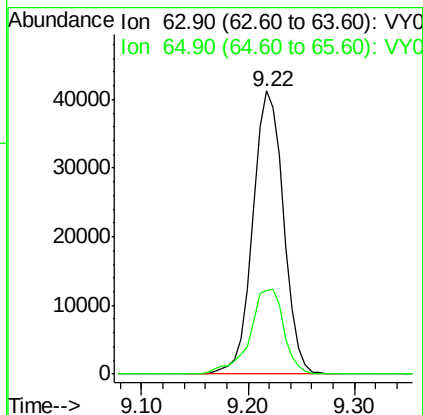
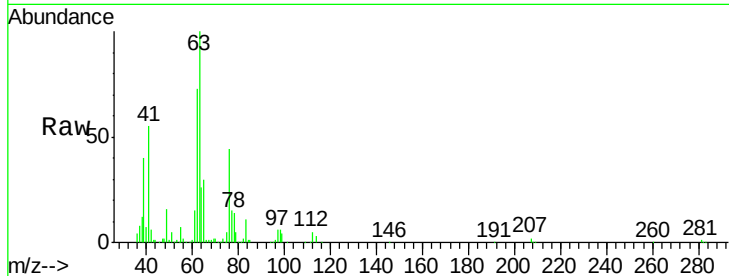




#45
 1,2-Dichloropropane
 Concen: 20.442 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

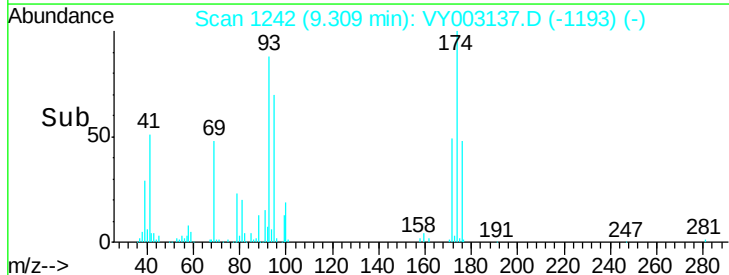
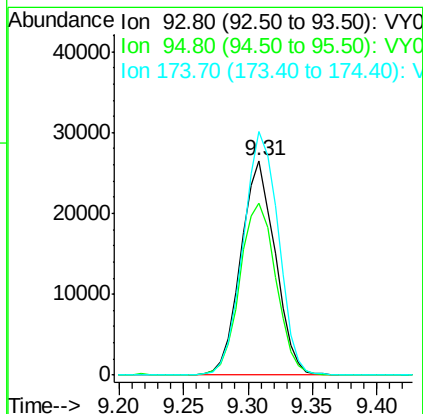
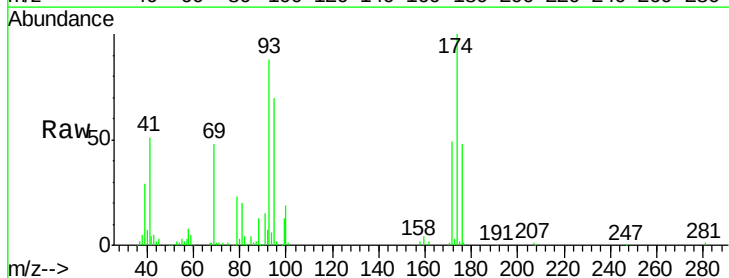
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

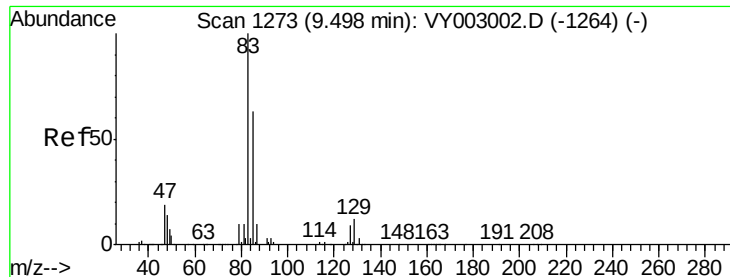
Tot Ion: 63 Resp: 83597
 Ion Ratio Lower Upper
 63 100
 65 29.8 26.2 39.4



#46
 Dibromomethane
 Concen: 21.519 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 93 Resp: 49150
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.6 101.4
 174 115.5 88.3 132.5





#47

Bromodichloromethane

Concen: 20.733 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

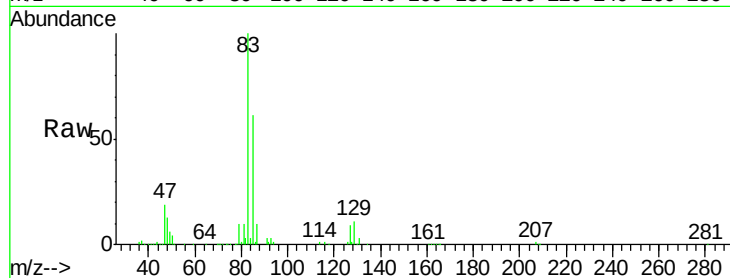
Tot Ion: 83 Resp: 115955

Ion Ratio Lower Upper

83 100

85 60.7 50.5 75.7

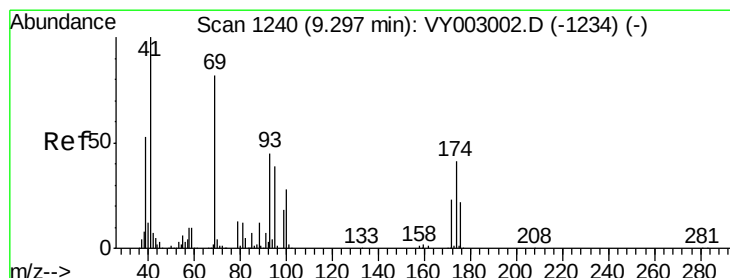
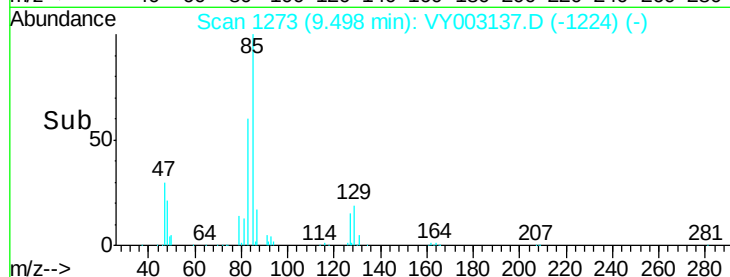
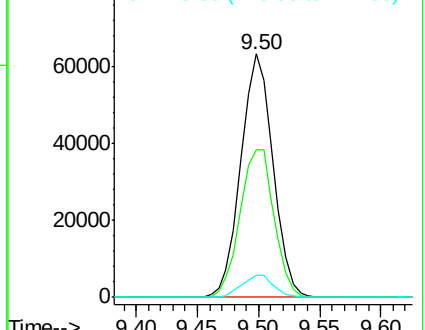
127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.139 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

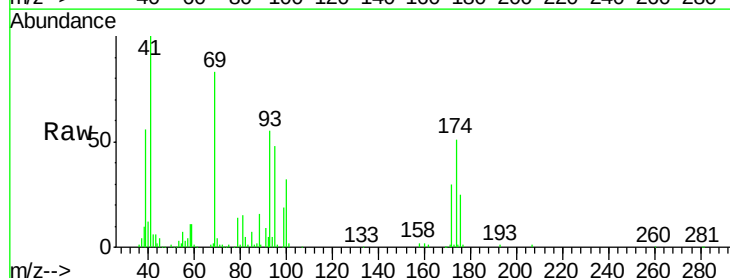
Tgt Ion: 41 Resp: 55286

Ion Ratio Lower Upper

41 100

69 91.3 67.7 101.5

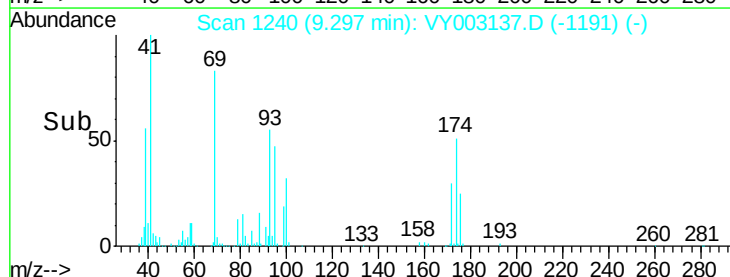
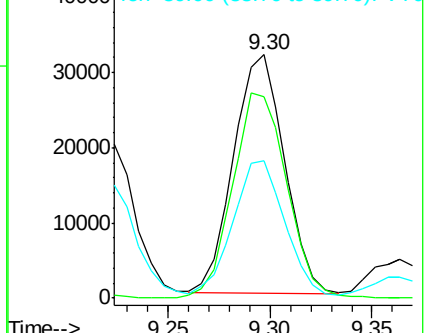
39 57.2 45.0 67.4

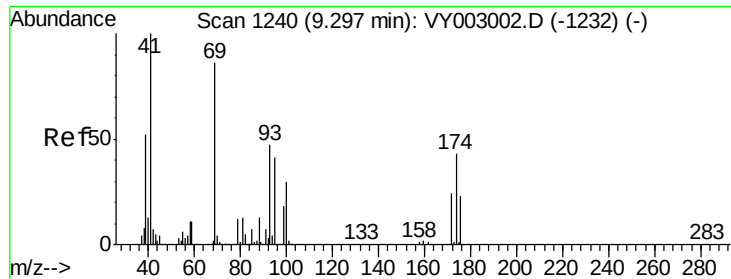


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

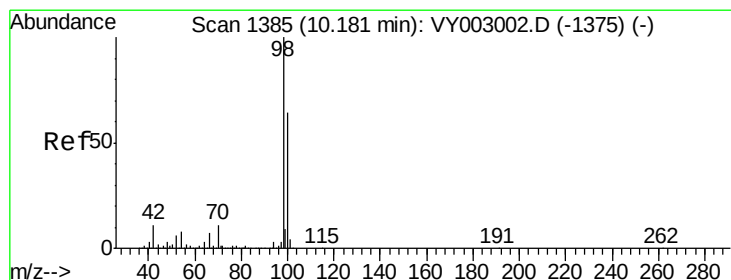
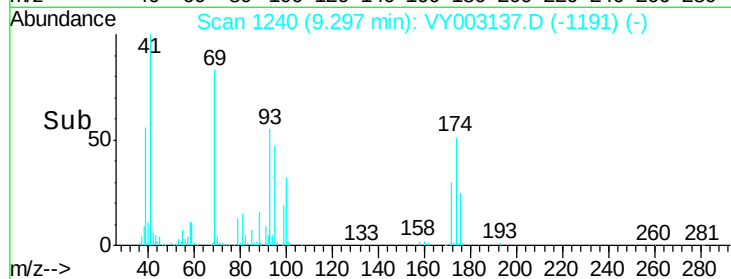
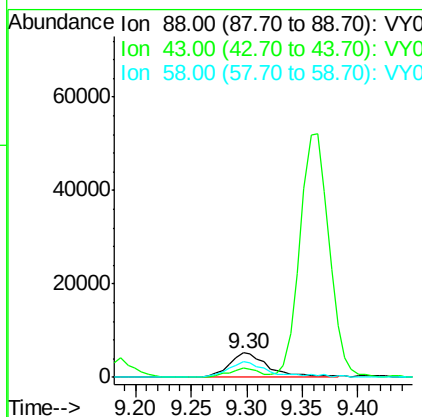
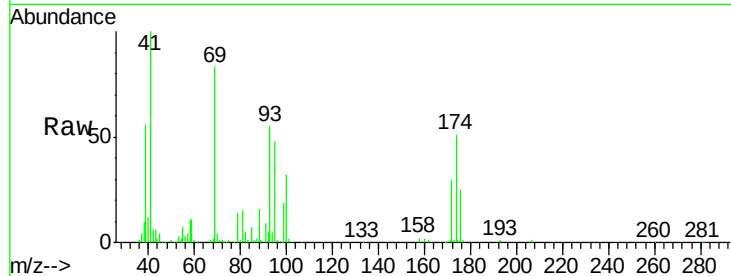




#49
 1,4-Dioxane
 Concen: 460.453 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

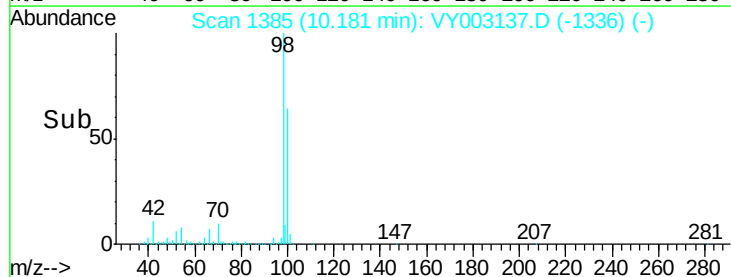
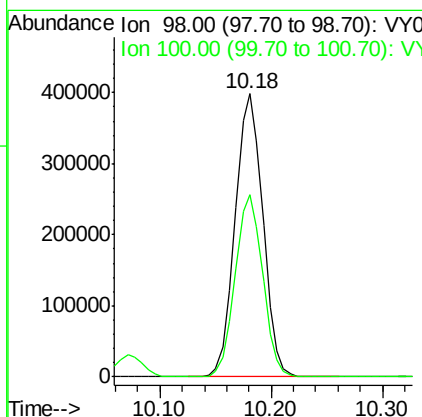
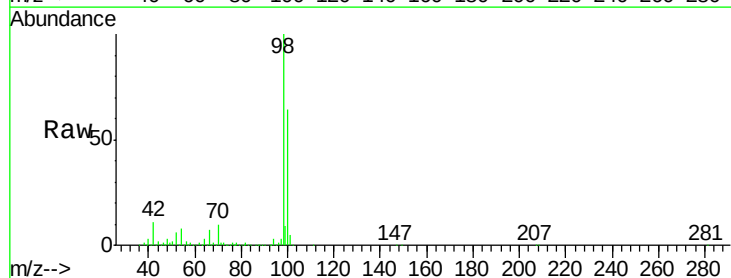
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

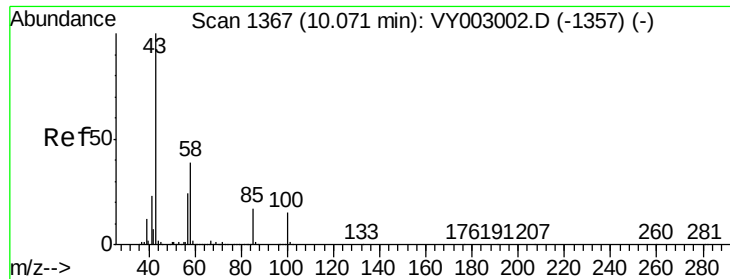
Tot Ion: 88 Resp: 12838
 Ion Ratio Lower Upper
 88 100
 43 26.2 28.6 42.8#
 58 71.5 56.7 85.1



#50
 Toluene-d8
 Concen: 51.149 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 98 Resp: 685179
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.1 76.7

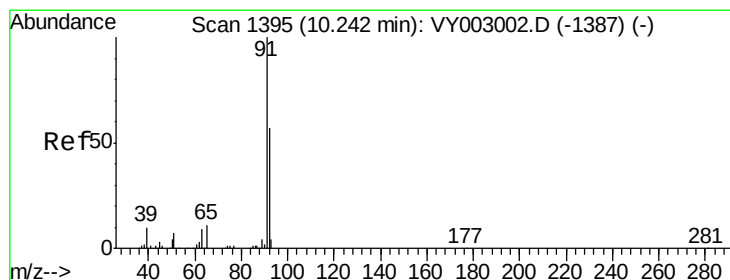
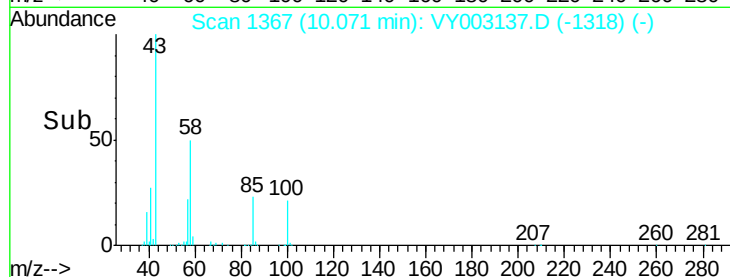
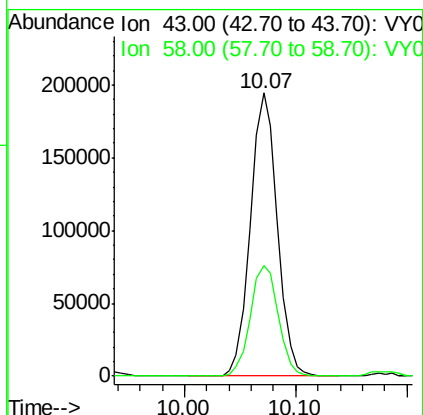
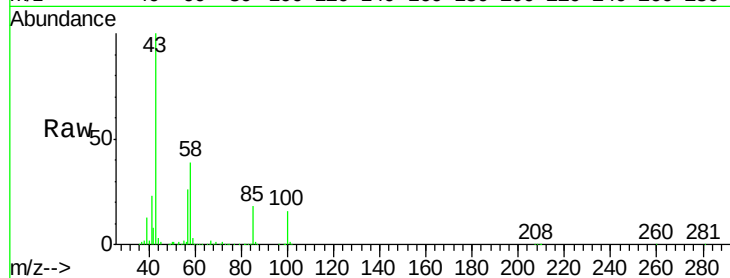




#51
4-Methyl-2-Pentanone
Concen: 99.592 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

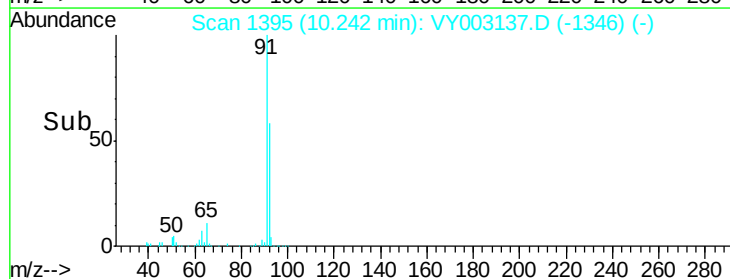
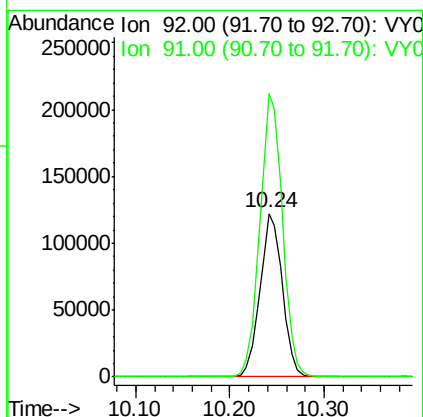
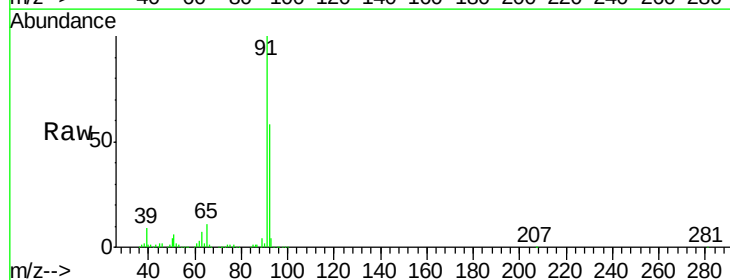
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

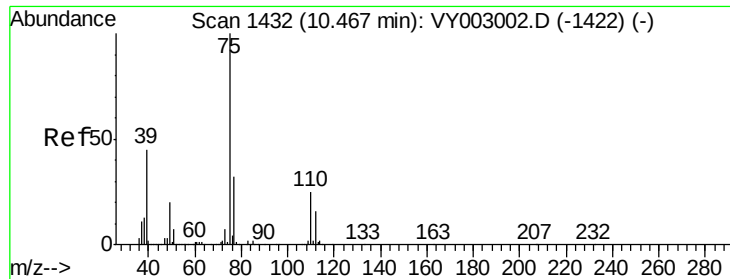
Tot Ion: 43 Resp: 326673
Ion Ratio Lower Upper
43 100
58 40.6 31.1 46.7



#52
Toluene
Concen: 21.416 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 92 Resp: 204921
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.575 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

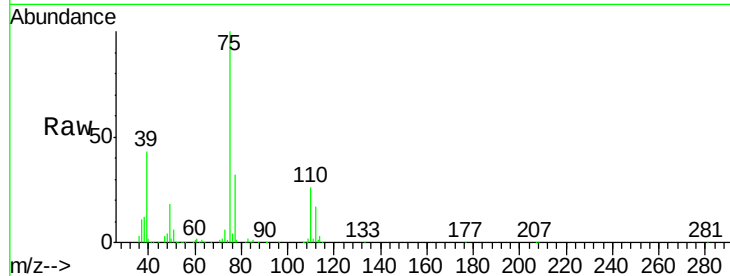
VY0708SBSD01

Tot Ion: 75 Resp: 120644

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

60000

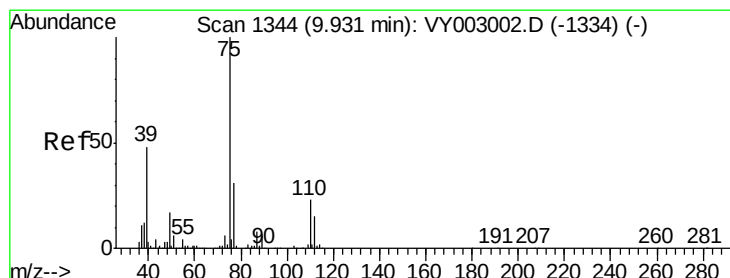
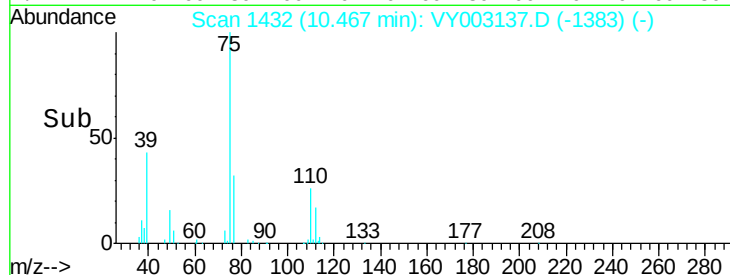
40000

20000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 20.770 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

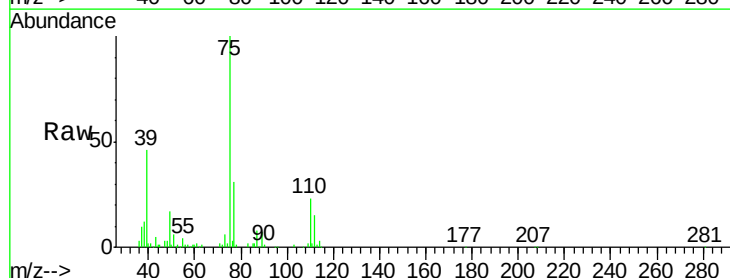
Tgt Ion: 75 Resp: 139280

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 46.1 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

100000

80000

60000

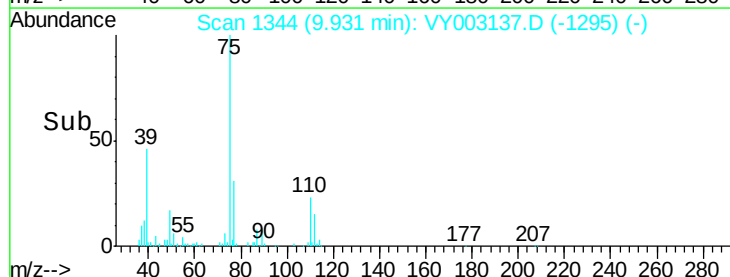
40000

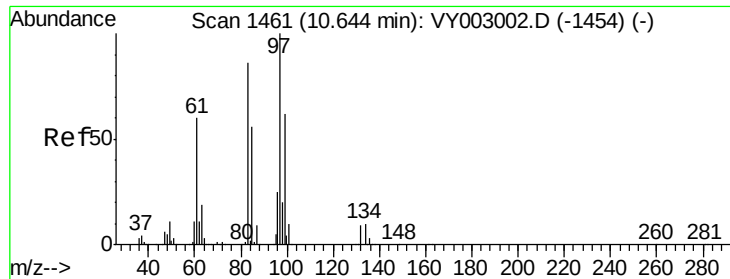
20000

0

Time-->

9.90 10.00

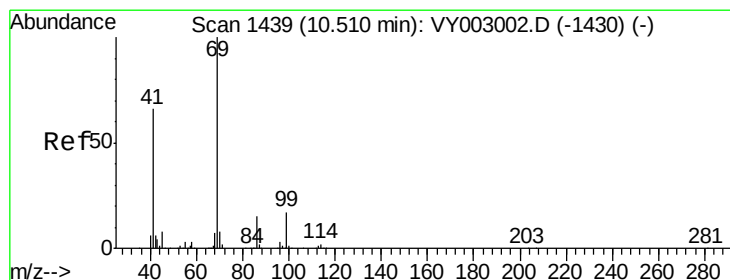
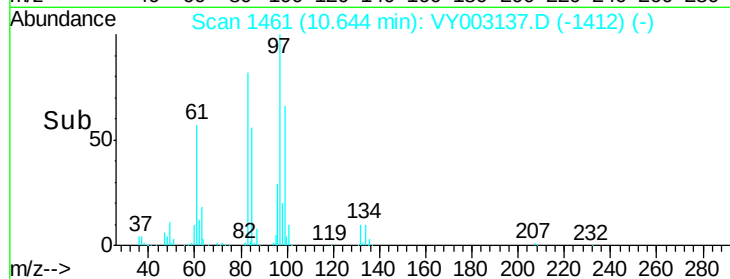
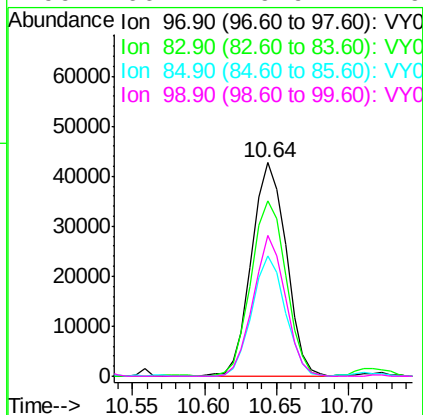
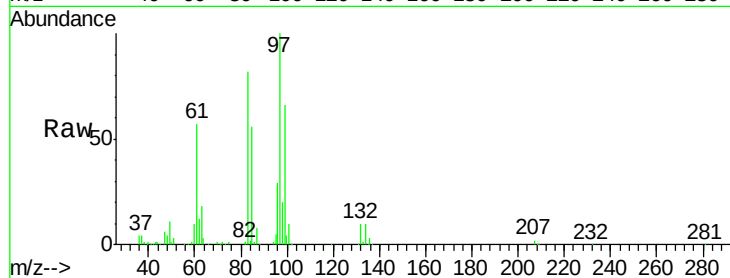




#55
 1,1,2-Trichloroethane
 Concen: 22.536 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

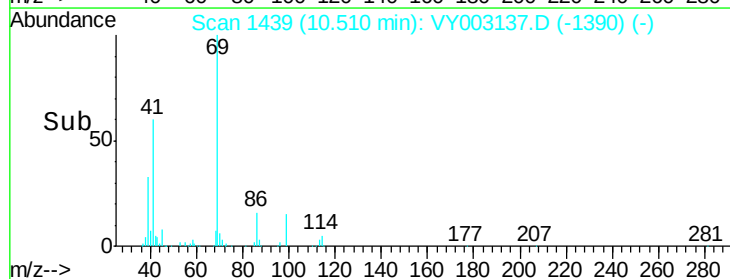
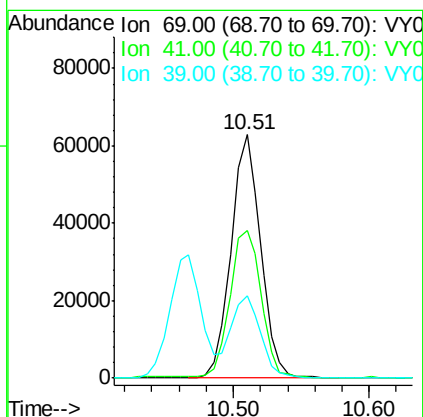
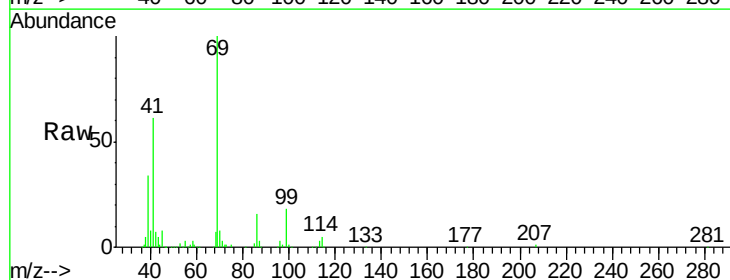
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

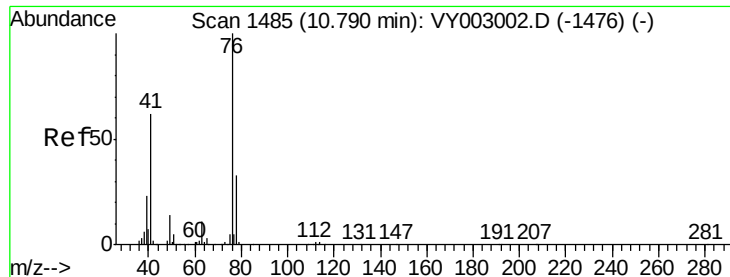
Tot Ion:	97	Resp:	71528
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.6
85	56.5	44.8	67.2
99	66.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 20.745 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion:	69	Resp:	95309
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	34.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 21.634 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

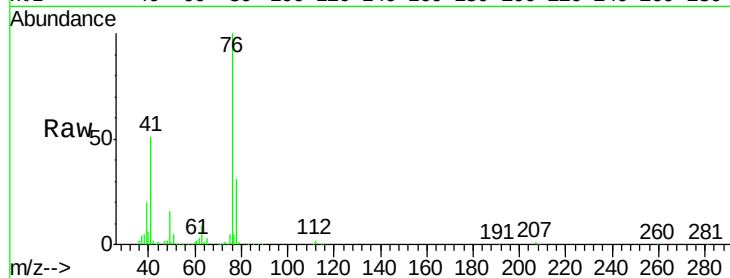
VY0708SBSD01

Tot Ion: 76 Resp: 120543

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

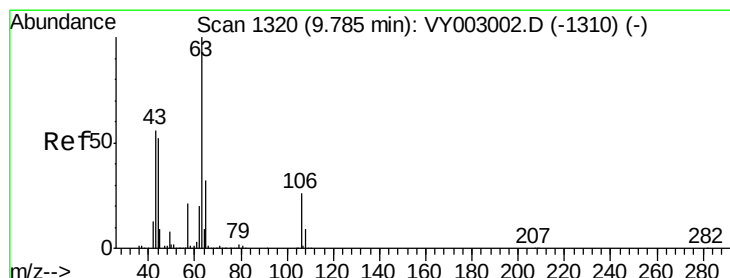
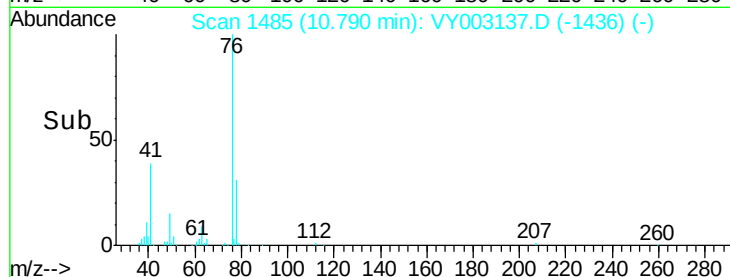
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 92.728 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003137.D

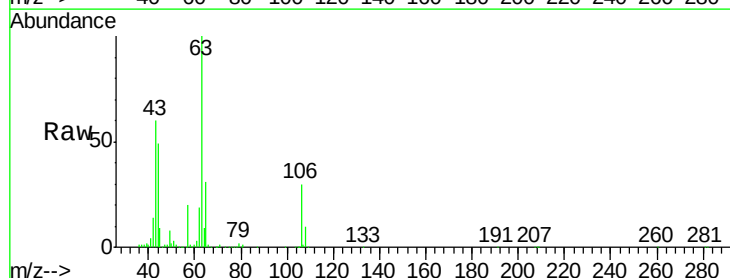
Acq: 08 Jul 2020 15:32

Tgt Ion: 63 Resp: 218496

Ion Ratio Lower Upper

63 100

106 28.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

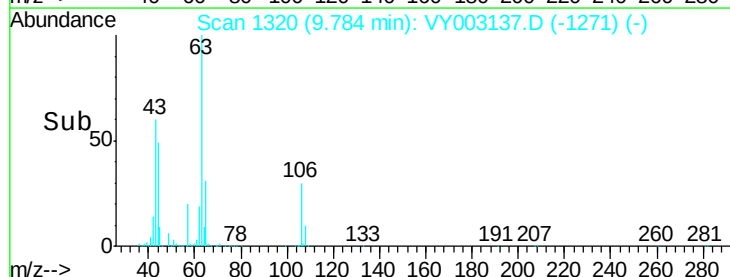
150000

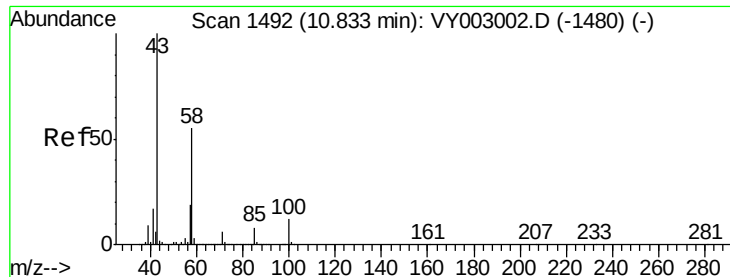
100000

50000

0

Time--> 9.70 9.80 9.90

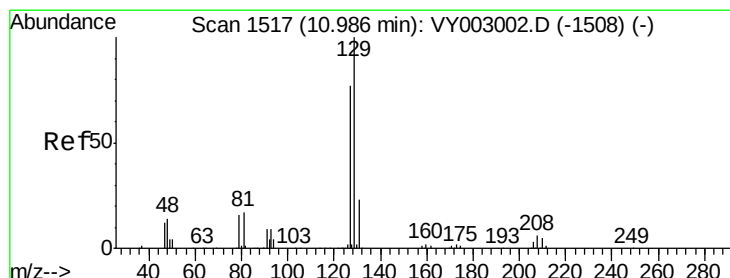
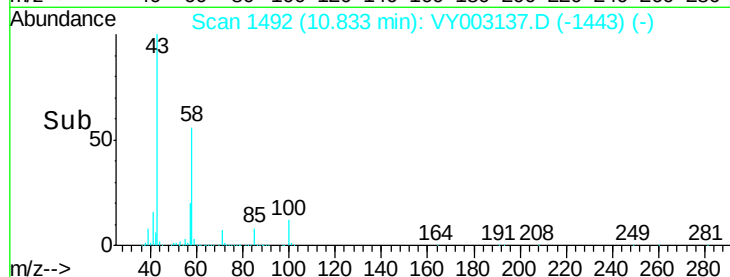
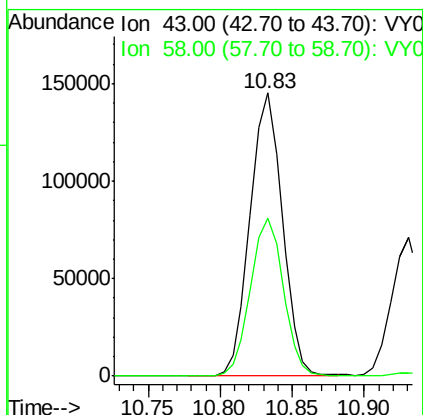
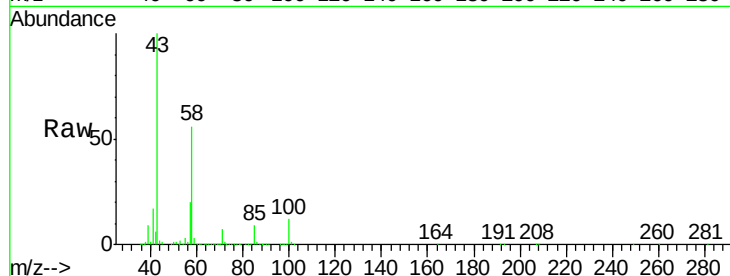




#59
2-Hexanone
Concen: 98.543 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

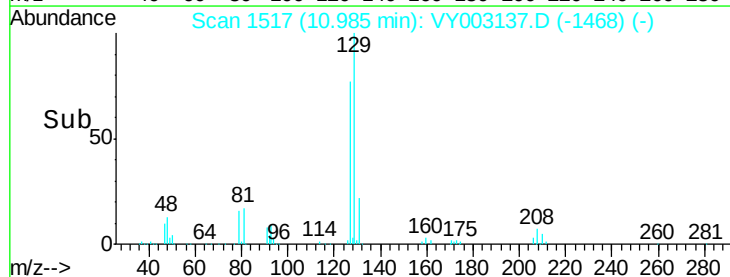
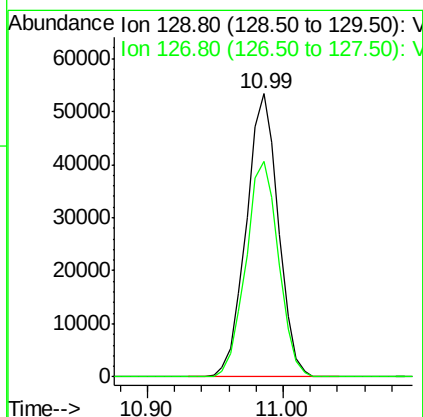
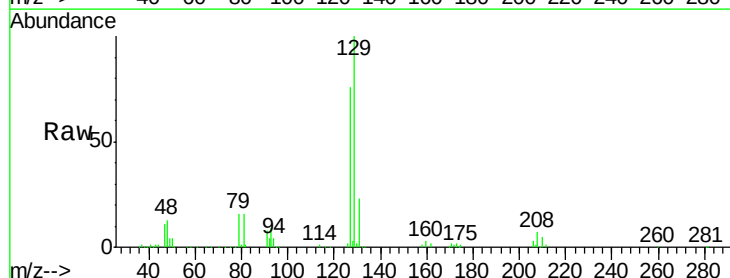
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

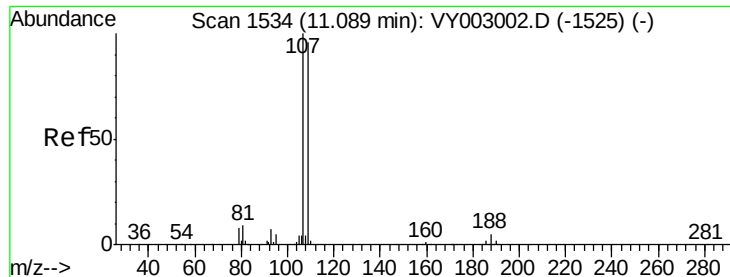
Tot Ion: 43 Resp: 225926
Ion Ratio Lower Upper
43 100
58 56.8 27.5 82.4



#60
Dibromochloromethane
Concen: 21.721 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 129 Resp: 88226
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

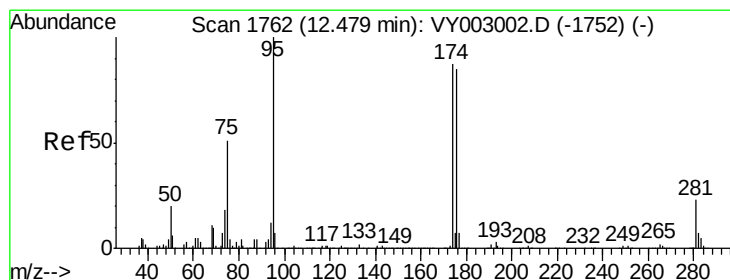
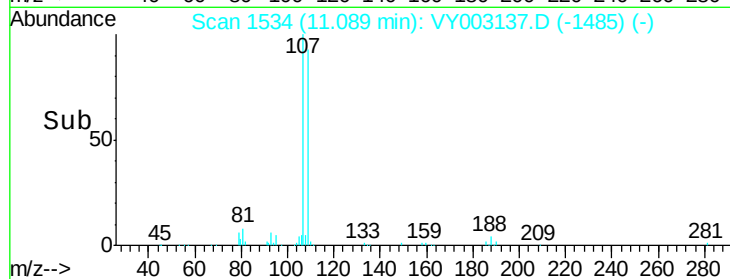
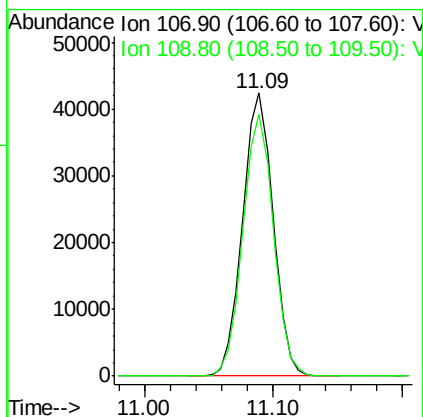
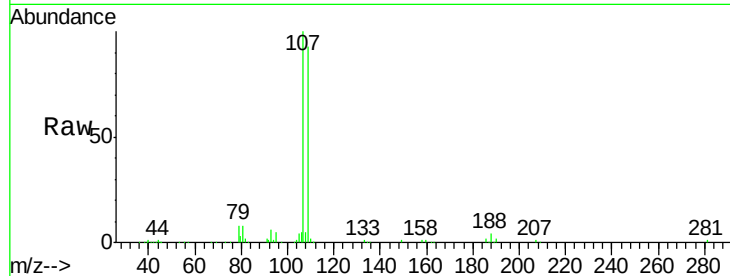




#61
 1,2-Dibromoethane
 Concen: 22.206 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

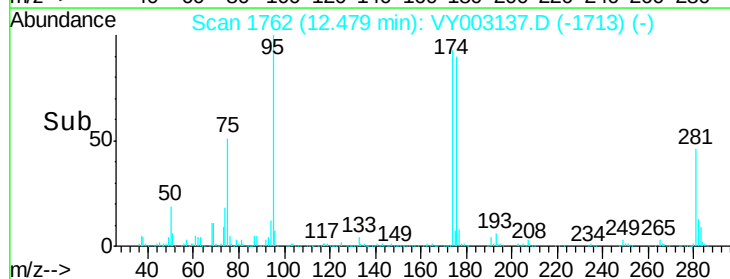
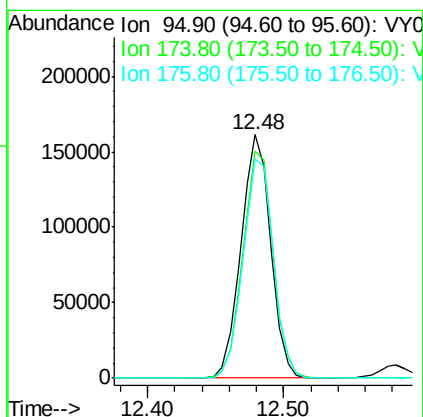
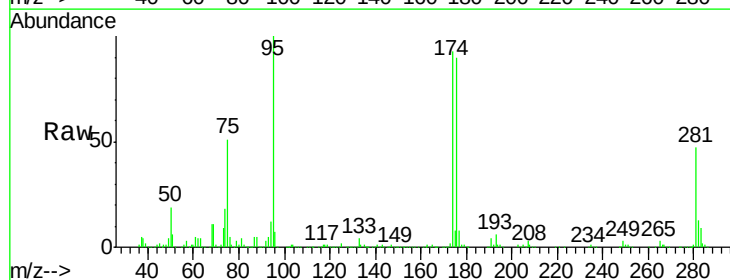
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

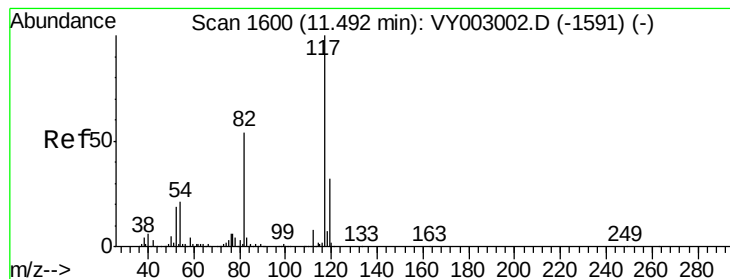
Tot Ion: 107 Resp: 69481
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.937 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 95 Resp: 244898
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 184.8
 176 92.6 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

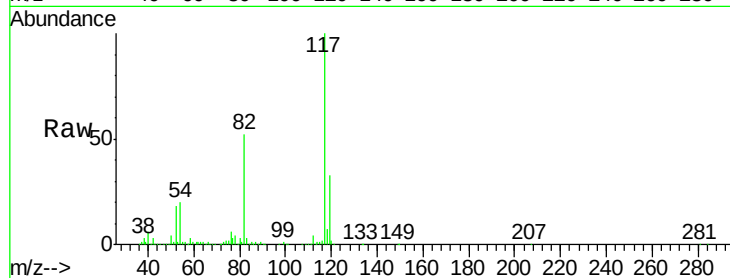
Tot Ion:117 Resp: 534012

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.6

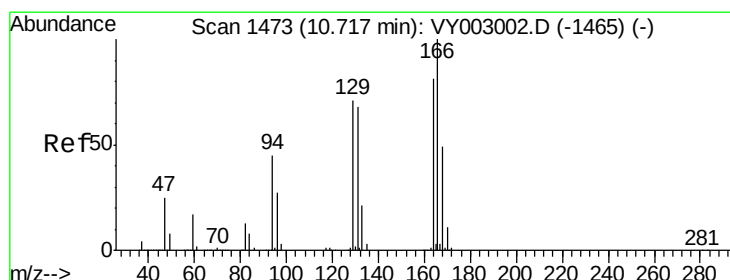
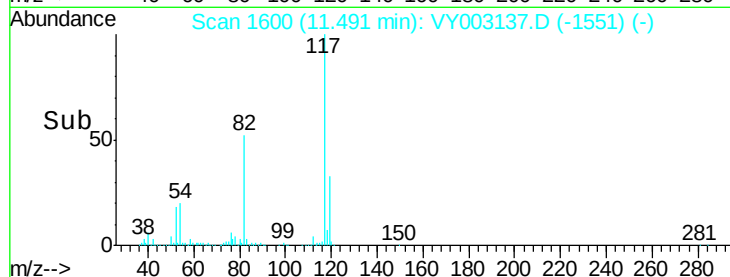
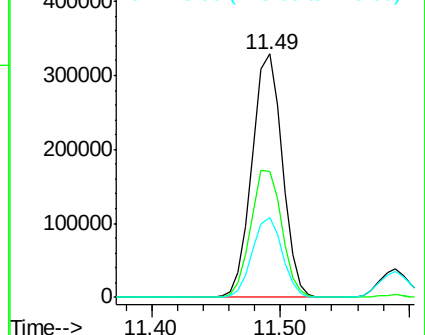
119 32.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 24.420 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion:164 Resp: 110367

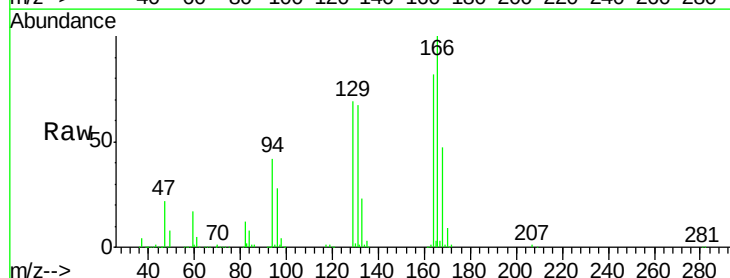
Ion Ratio Lower Upper

164 100

166 121.5 98.5 147.7

129 83.5 69.7 104.5

131 81.0 67.2 100.8

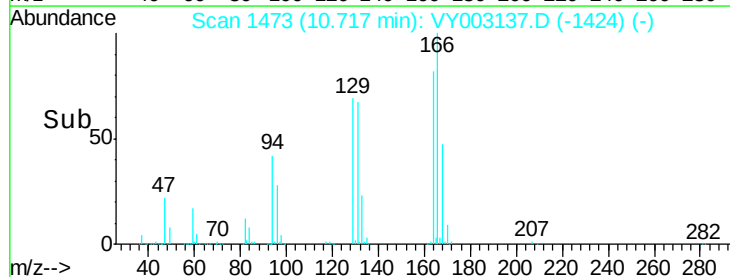
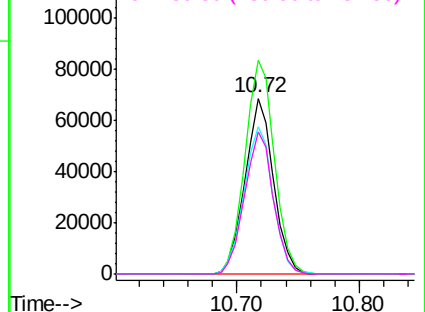


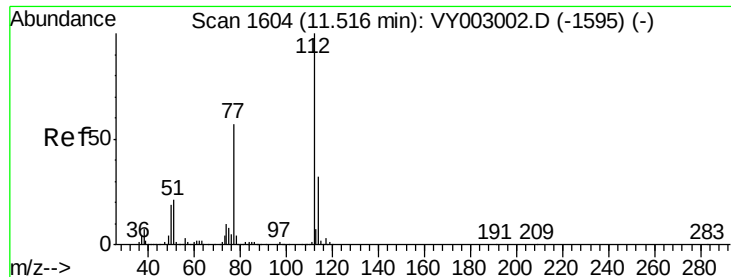
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

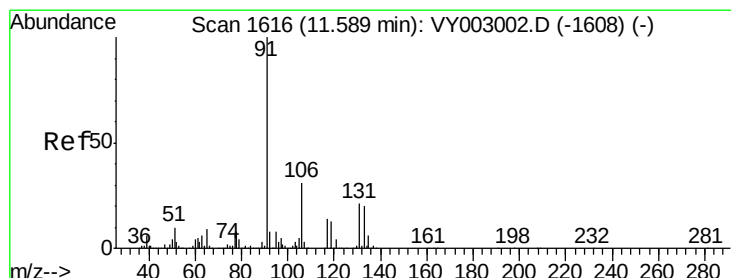
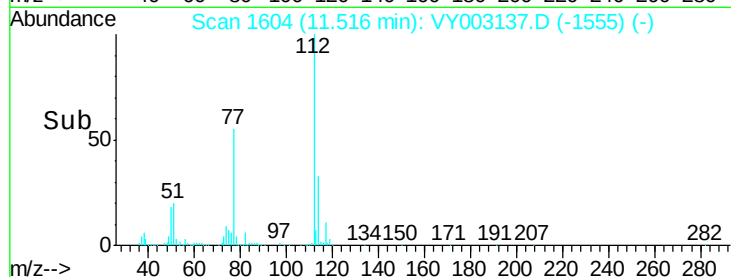
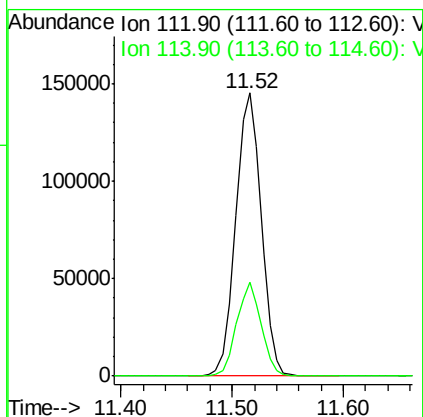
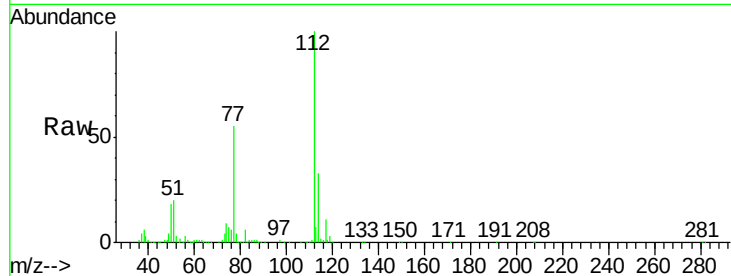




#65
Chlorobenzene
Concen: 21.892 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

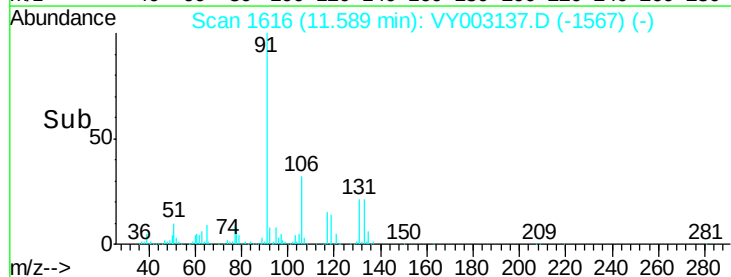
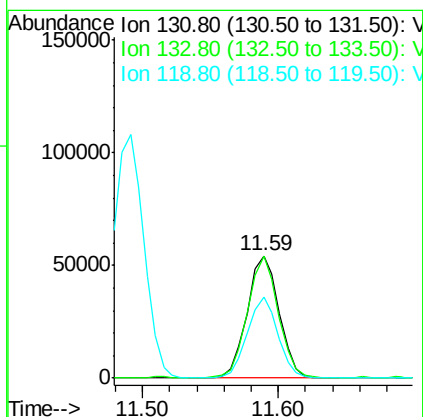
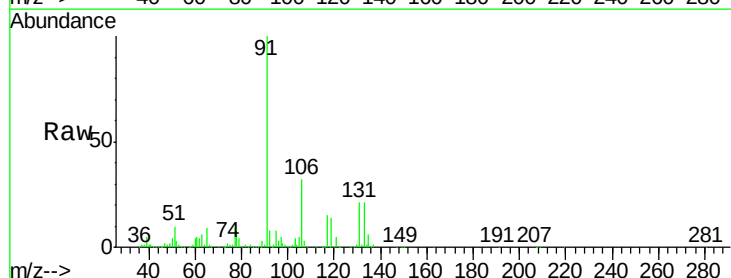
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBSD01

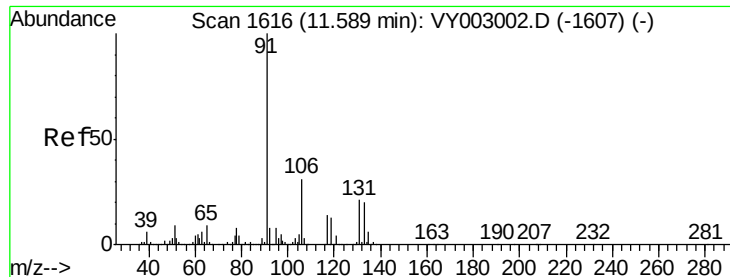
Tot Ion:112 Resp: 230512
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.677 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion:131 Resp: 89115
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 63.8 31.8 95.3

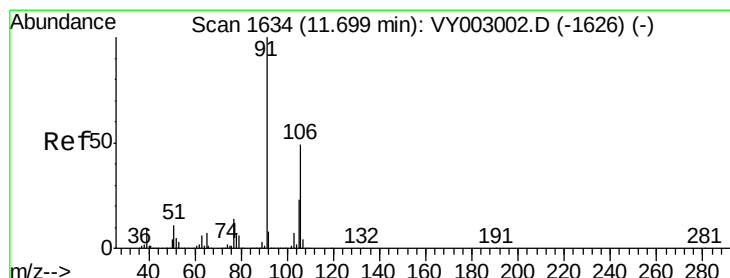
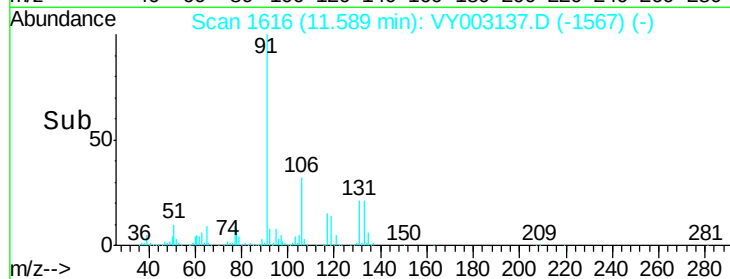
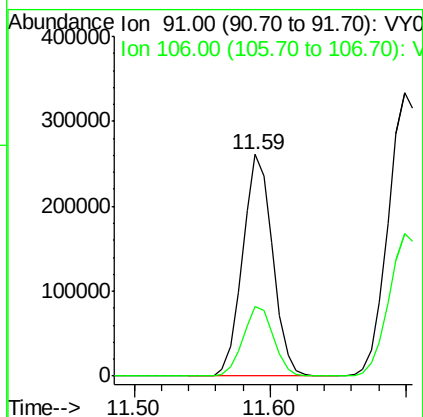
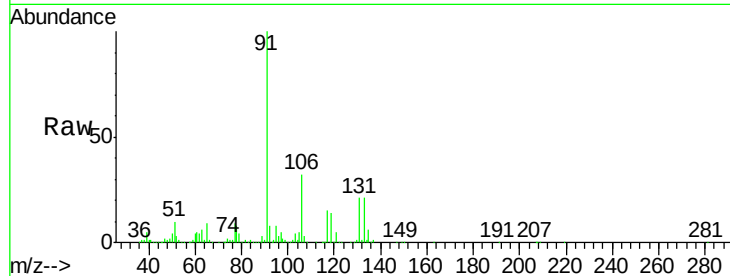




#67
Ethyl Benzene
Concen: 20.886 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

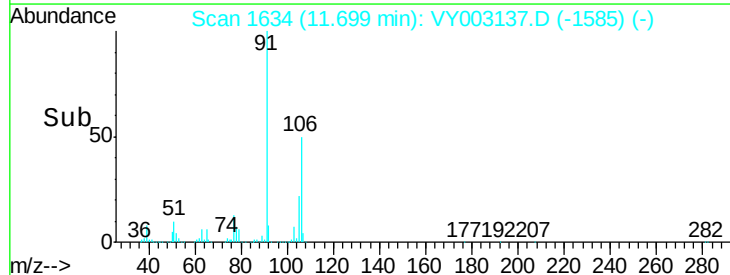
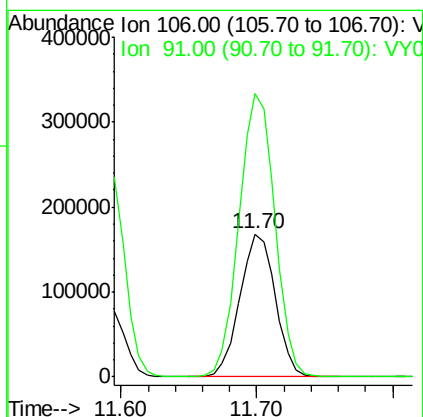
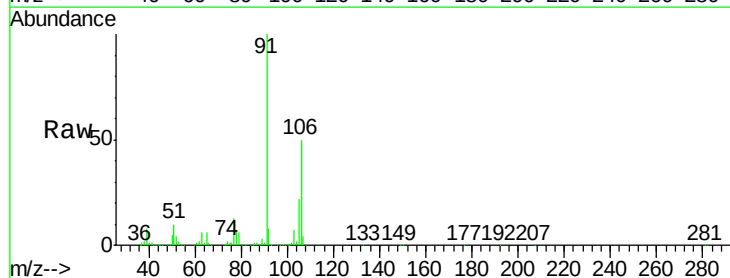
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

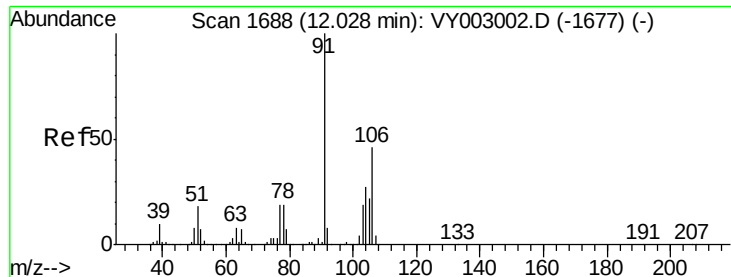
Tot Ion: 91 Resp: 402345
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



#68
m/p-Xylenes
Concen: 42.755 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 106 Resp: 306534
Ion Ratio Lower Upper
106 100
91 199.8 161.9 242.9

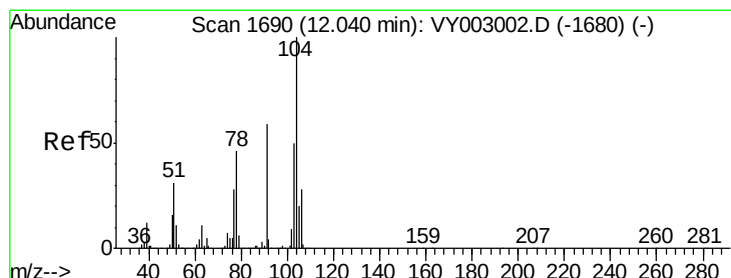
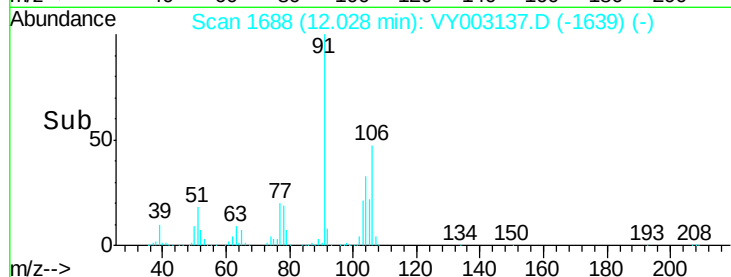
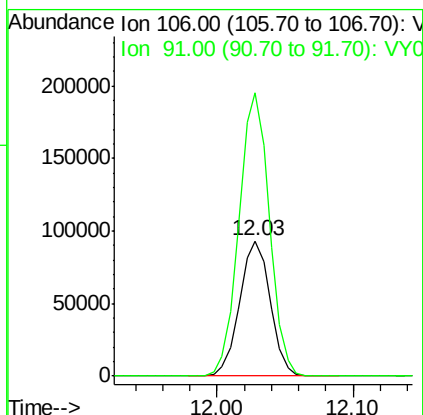
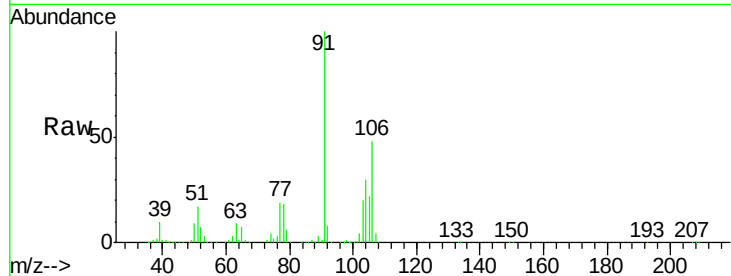




#69
o-Xylene
Concen: 21.577 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

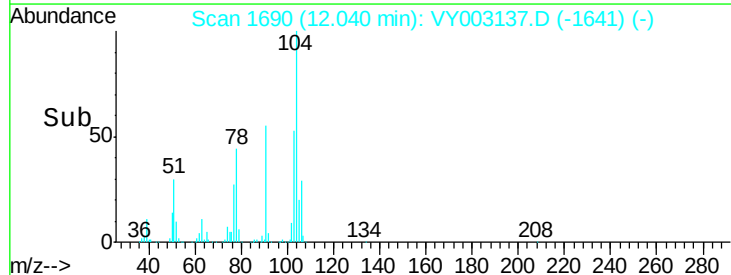
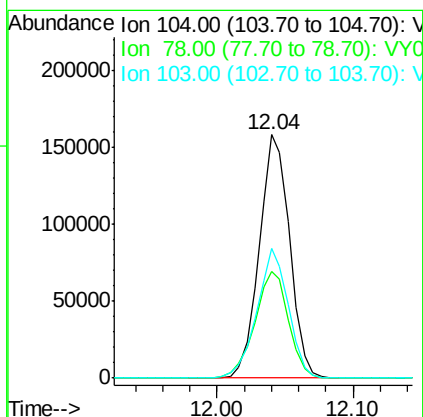
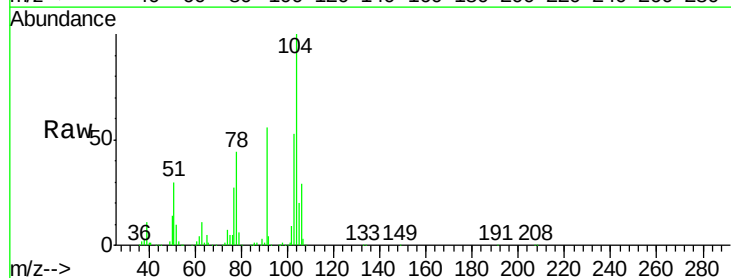
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

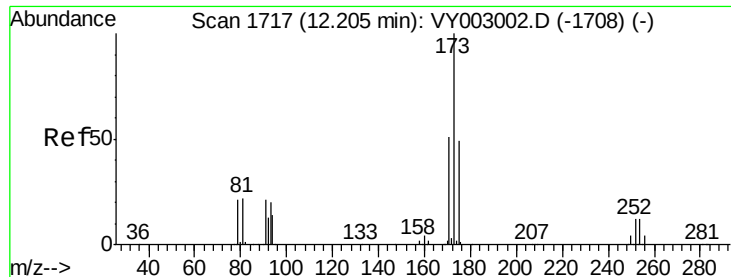
Tot Ion:106 Resp: 145773
Ion Ratio Lower Upper
106 100
91 208.9 107.9 323.8



#70
Styrene
Concen: 21.497 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion:104 Resp: 248118
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 21.890 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

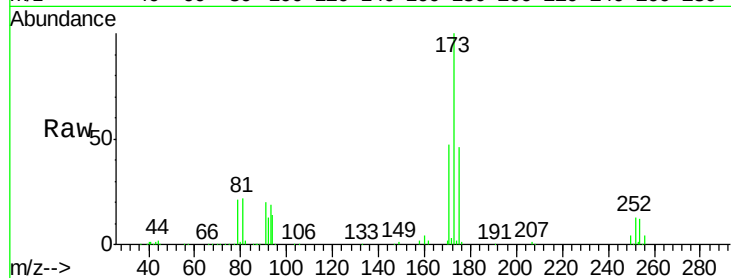
Tot Ion:173 Resp: 60005

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

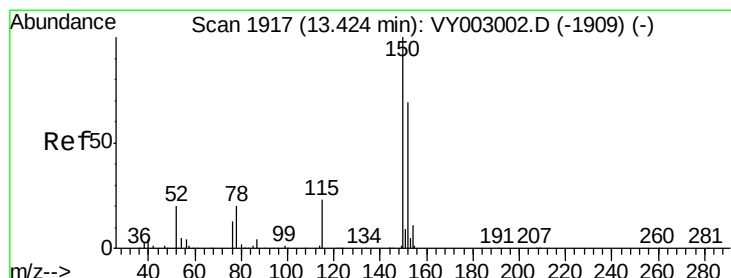
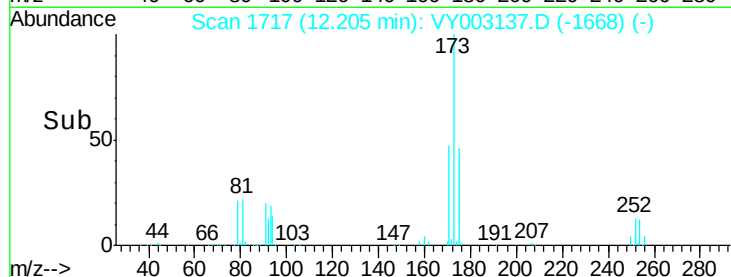
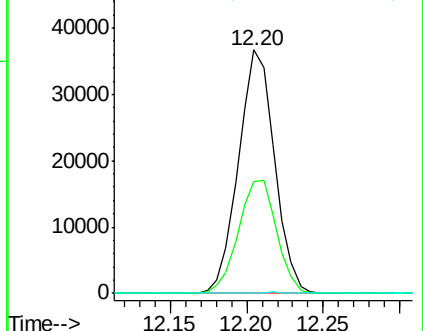
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

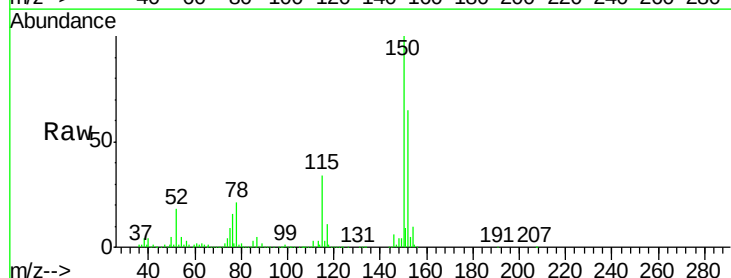
Tgt Ion:152 Resp: 292394

Ion Ratio Lower Upper

152 100

115 54.0 27.3 81.9

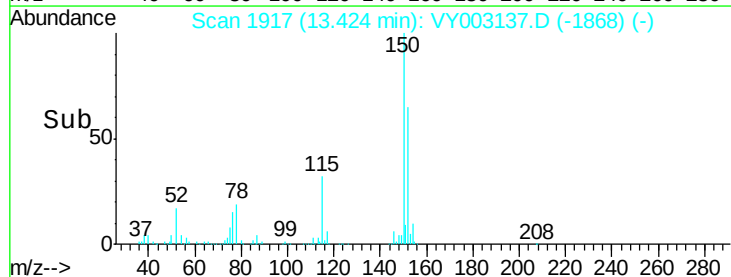
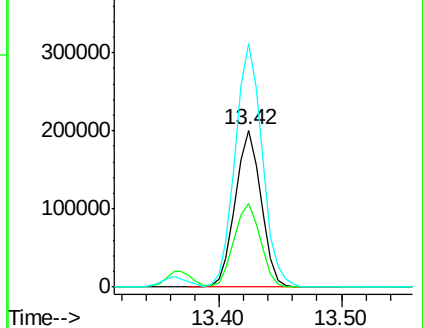
150 162.7 0.0 343.4

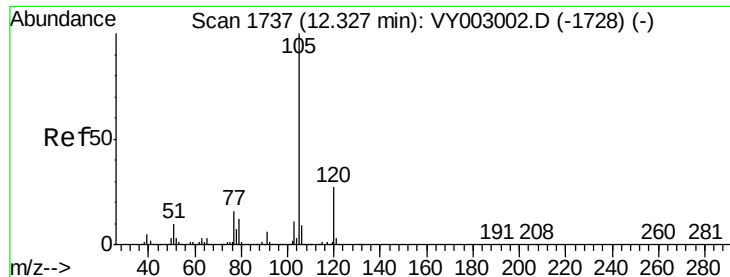


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.043 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

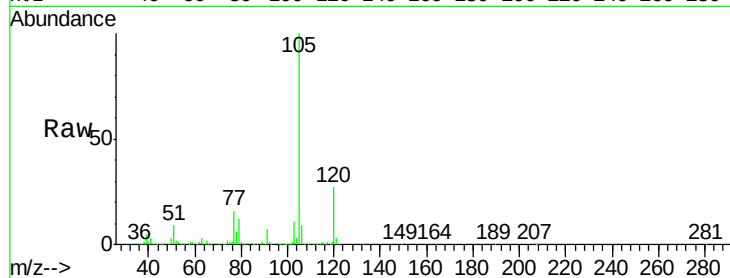
VY0708SBS01

Tot Ion:105 Resp: 402674

Ion Ratio Lower Upper

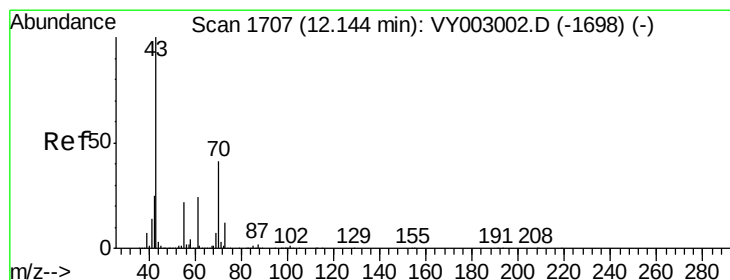
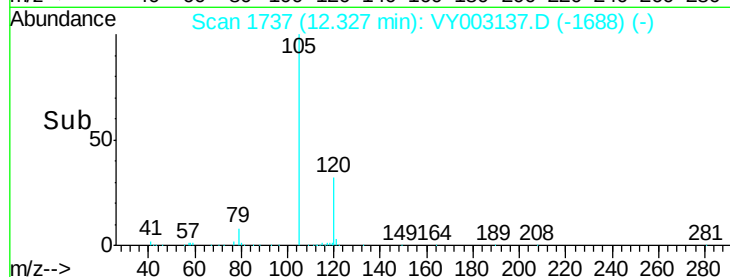
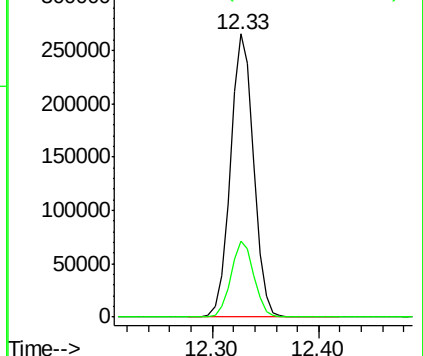
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.298 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Tgt Ion: 43 Resp: 113992

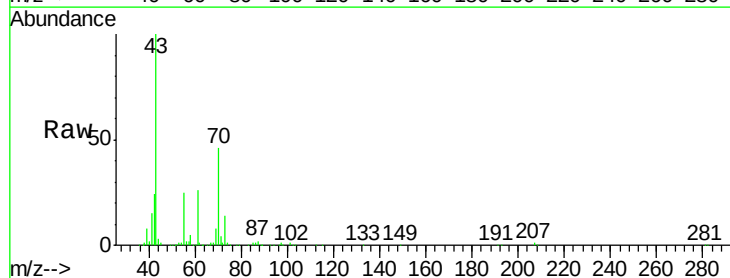
Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 25.3 18.2 27.2

61 26.4 19.4 29.2

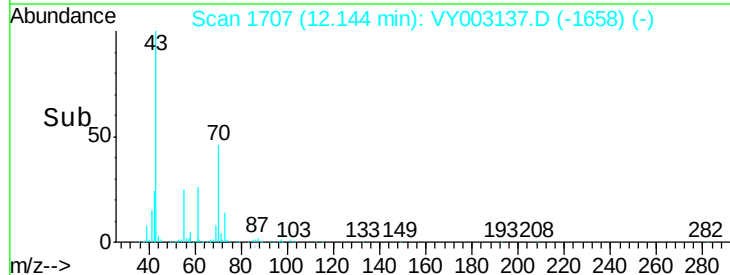
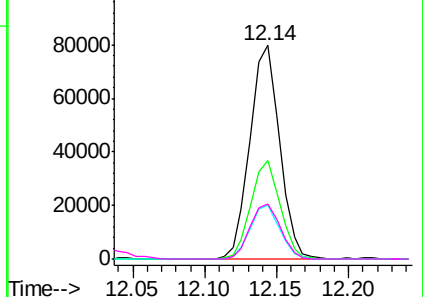


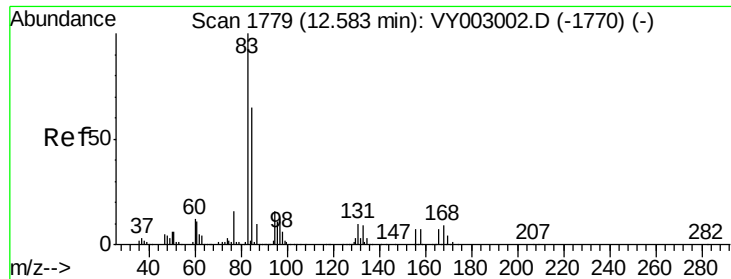
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 19.748 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

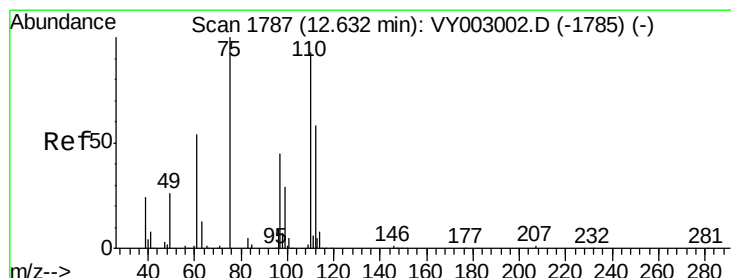
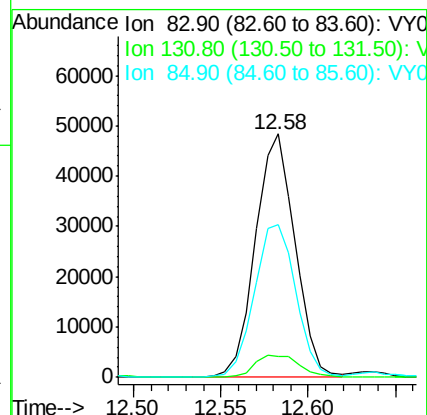
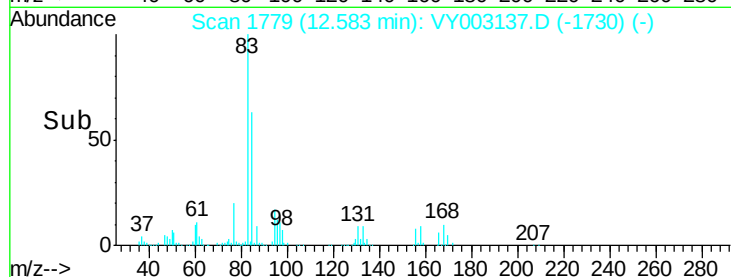
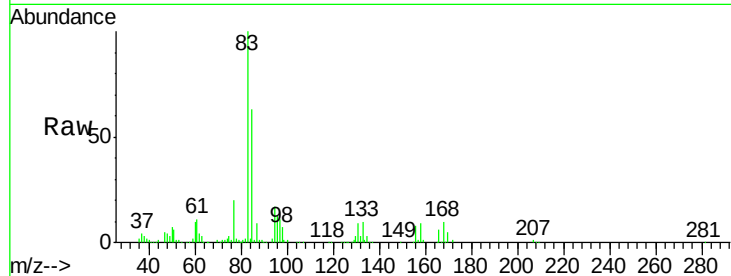
Tot Ion: 83 Resp: 76260

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

85 66.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 37.636 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003137.D

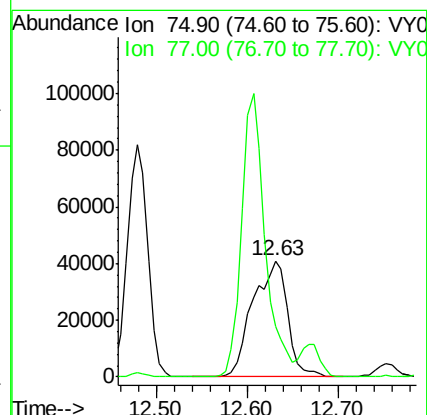
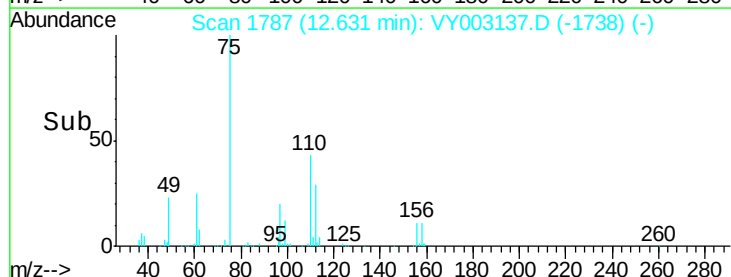
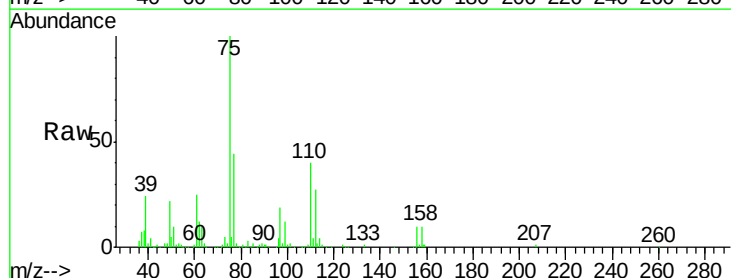
Acq: 08 Jul 2020 15:32

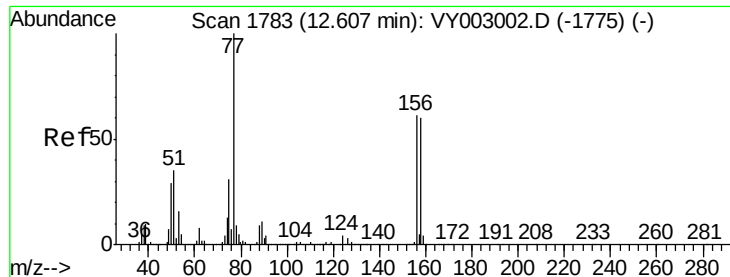
Tgt Ion: 75 Resp: 108912

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.121 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

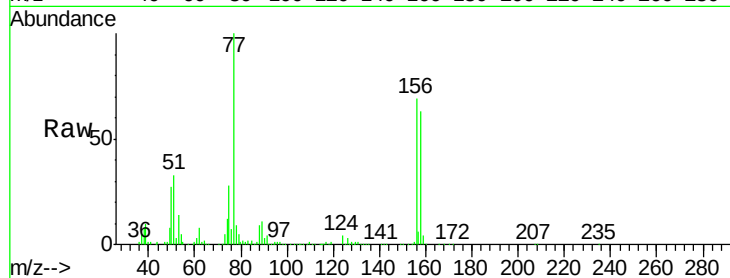
Tot Ion:156 Resp: 103627

Ion Ratio Lower Upper

156 100

77 173.9 90.0 270.0

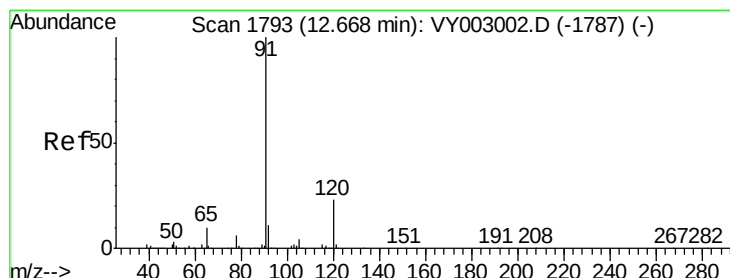
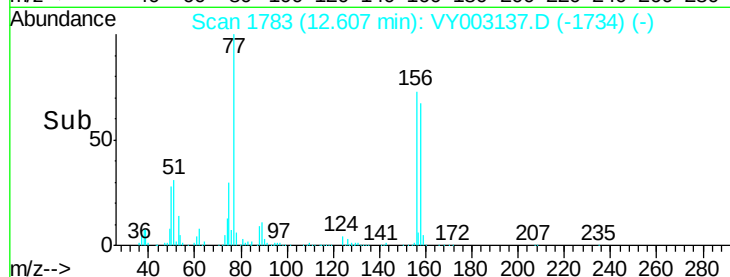
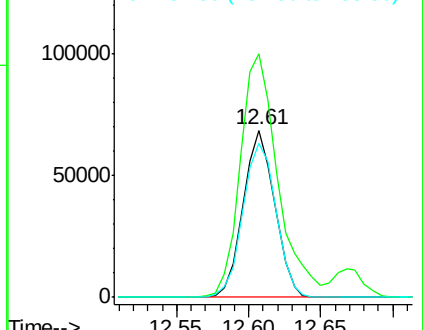
158 97.1 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.617 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003137.D

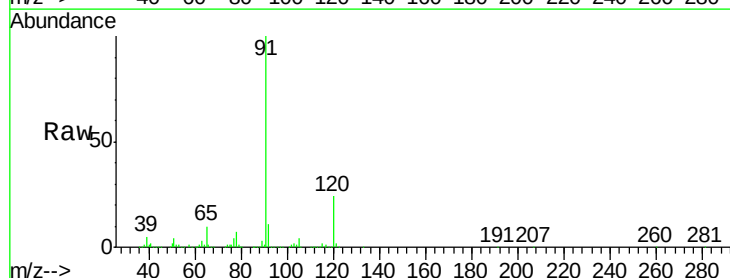
Acq: 08 Jul 2020 15:32

Tgt Ion: 91 Resp: 474471

Ion Ratio Lower Upper

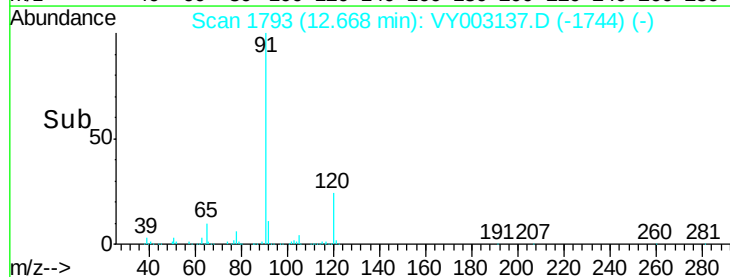
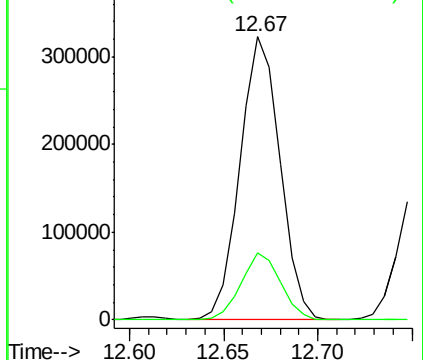
91 100

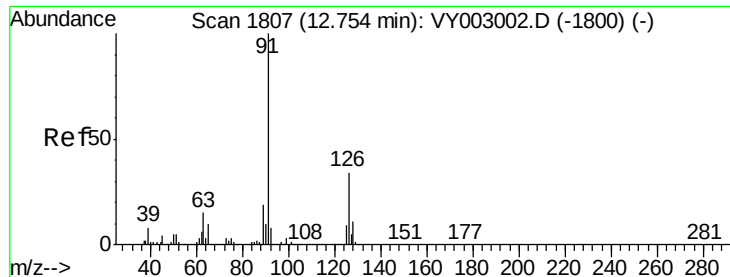
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

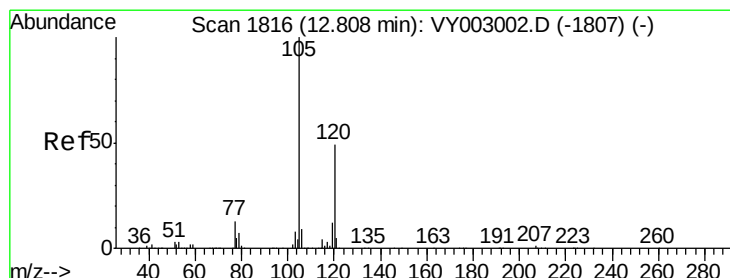
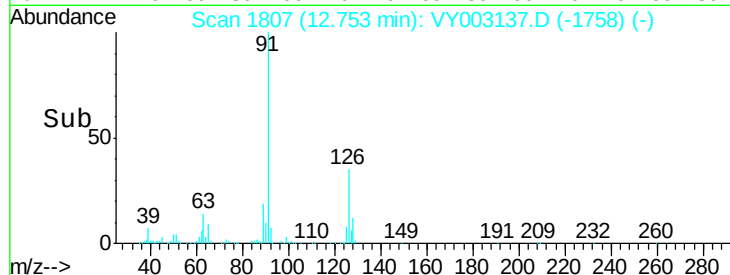
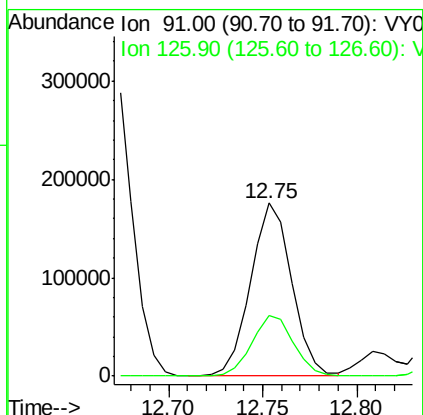
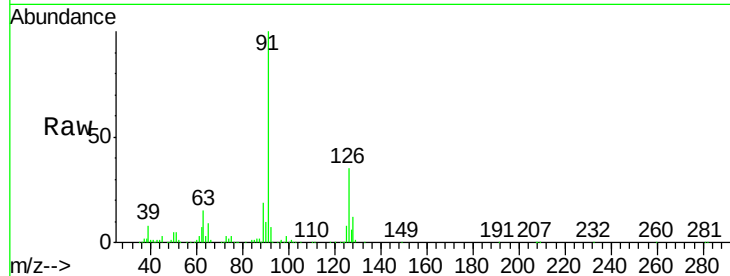




#79
 2-Chlorotoluene
 Concen: 20.735 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

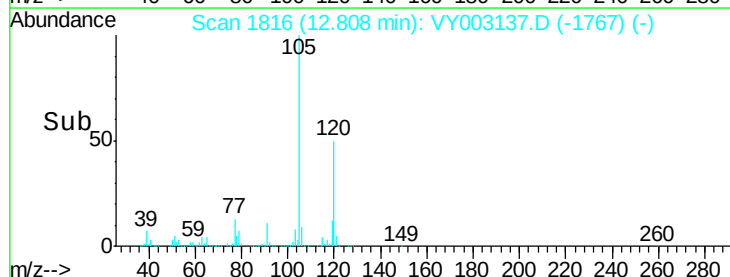
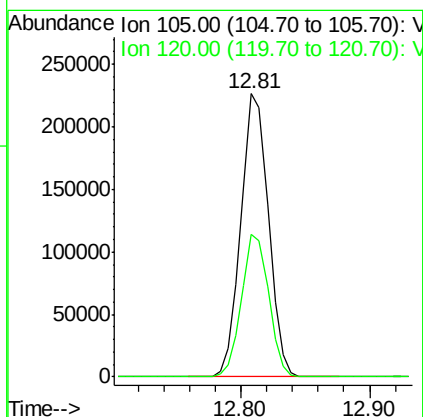
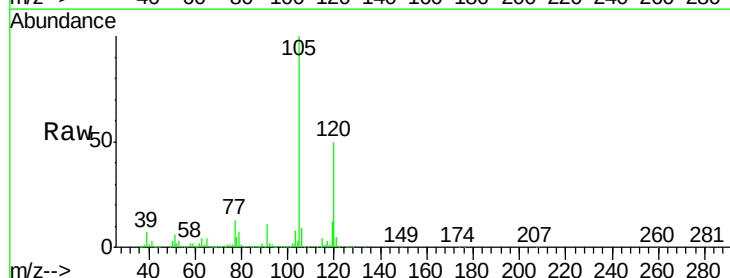
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

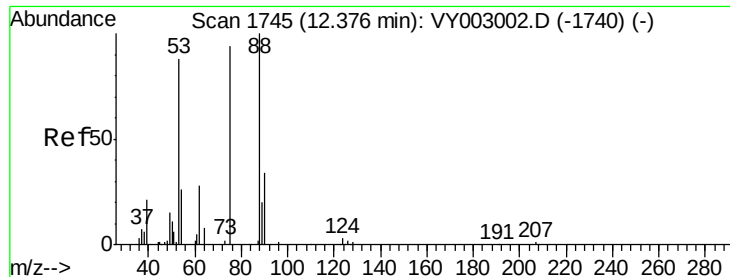
Tot Ion: 91 Resp: 266352
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.866 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion: 105 Resp: 335069
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.857 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

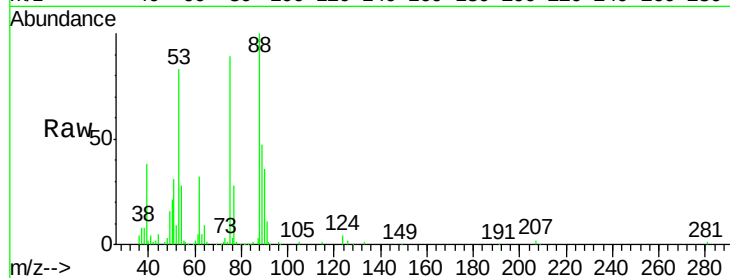
Tot Ion: 75 Resp: 28048

Ion Ratio Lower Upper

75 100

53 93.5 73.9 110.9

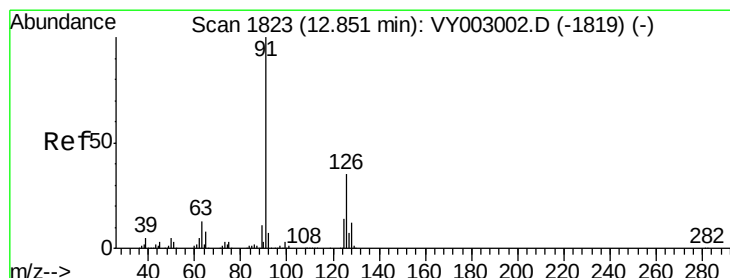
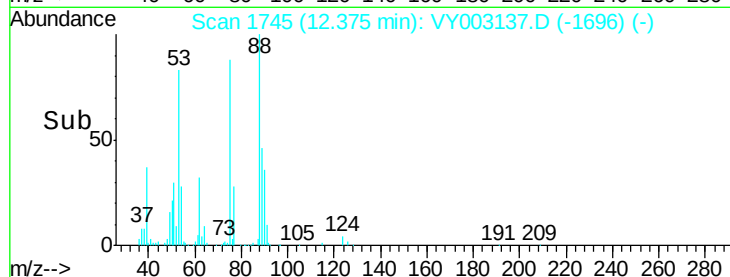
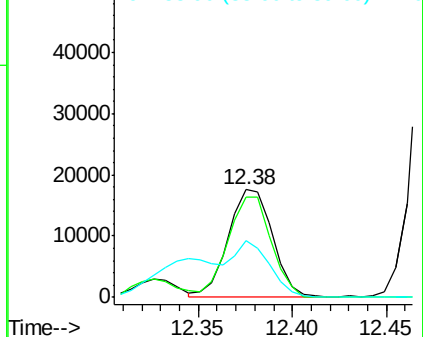
89 43.2 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.574 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003137.D

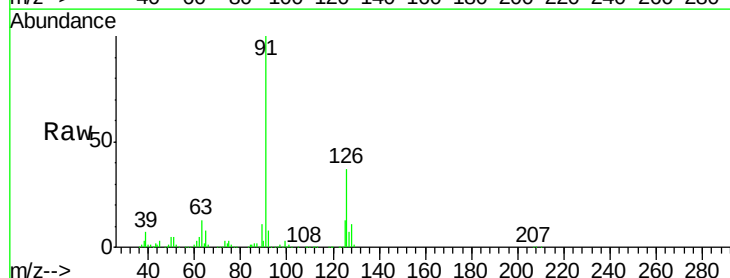
Acq: 08 Jul 2020 15:32

Tgt Ion: 91 Resp: 275169

Ion Ratio Lower Upper

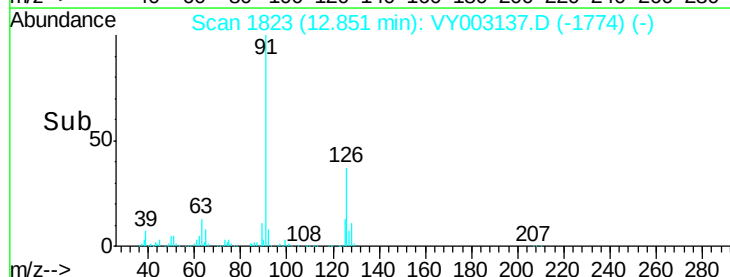
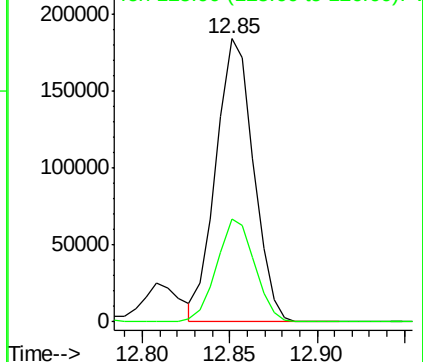
91 100

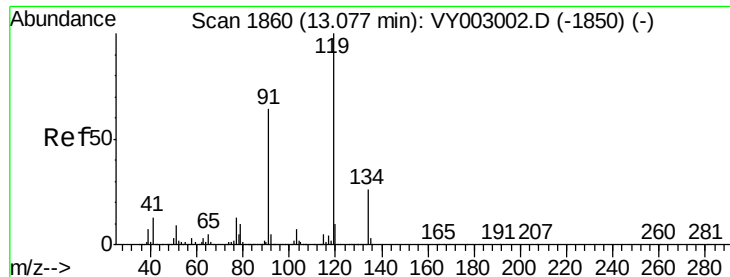
126 36.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.148 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBS01

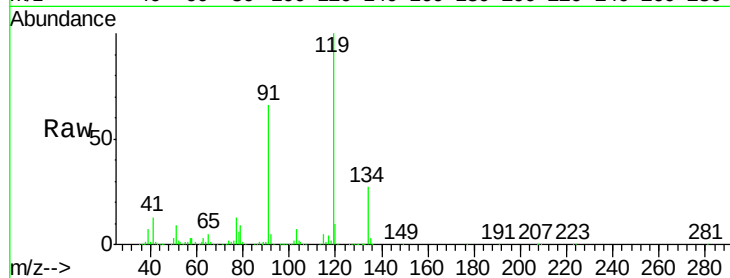
Tot Ion:119 Resp: 298184

Ion Ratio Lower Upper

119 100

91 62.3 31.6 95.0

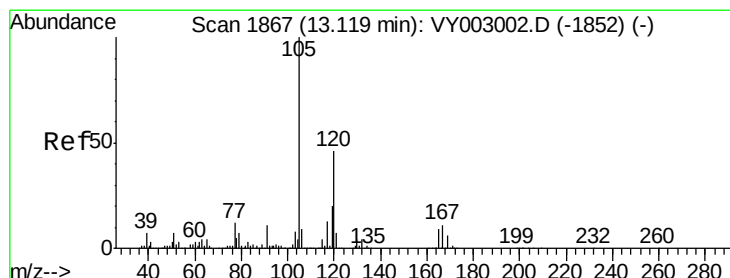
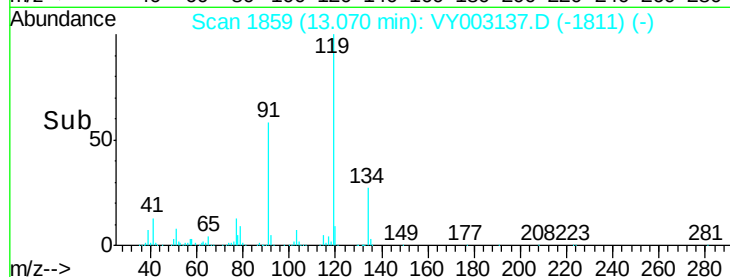
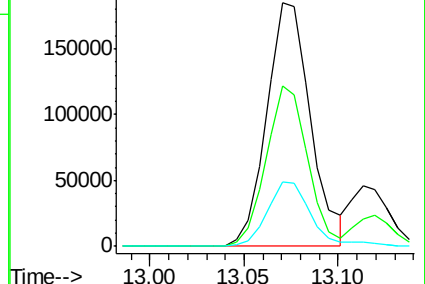
134 26.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.063 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003137.D

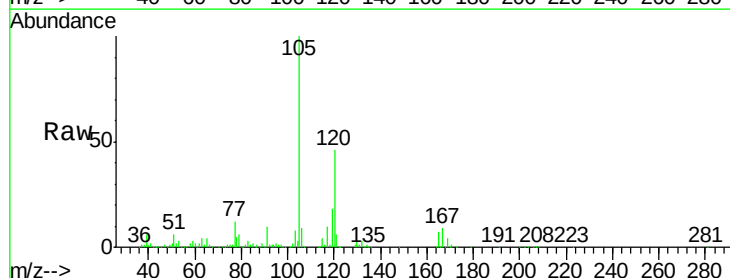
Acq: 08 Jul 2020 15:32

Tgt Ion:105 Resp: 340812

Ion Ratio Lower Upper

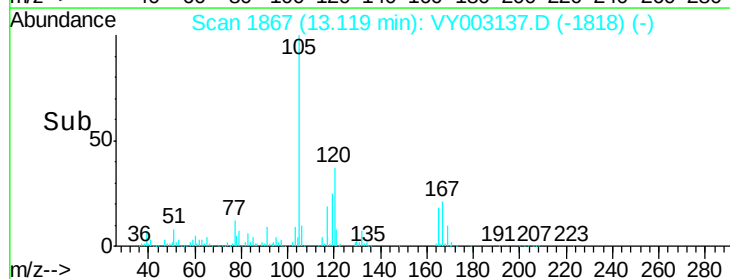
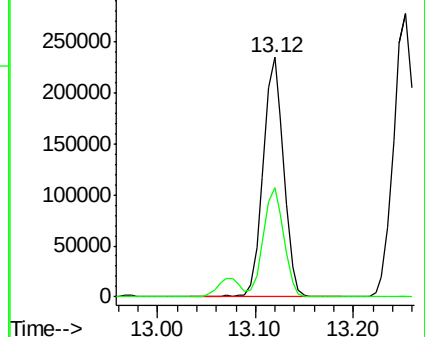
105 100

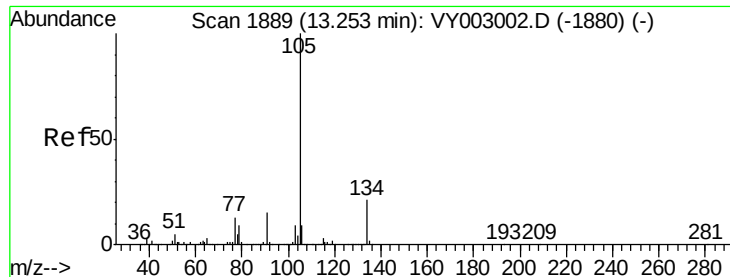
120 45.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.138 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

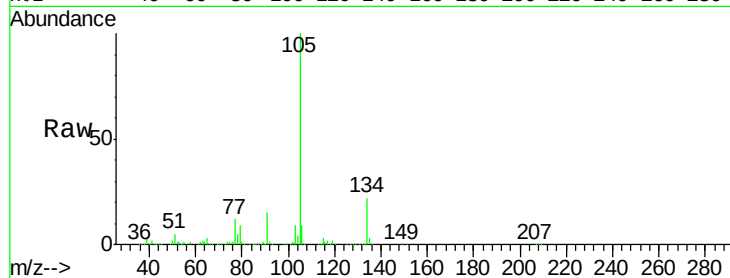
VY0708SBSD01

Tot Ion:105 Resp: 410809

Ion Ratio Lower Upper

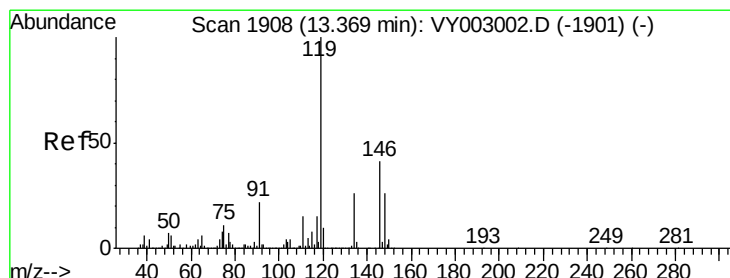
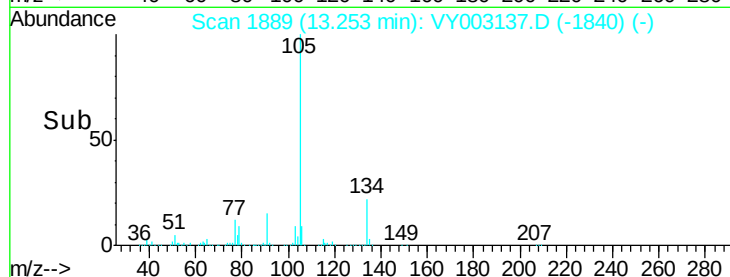
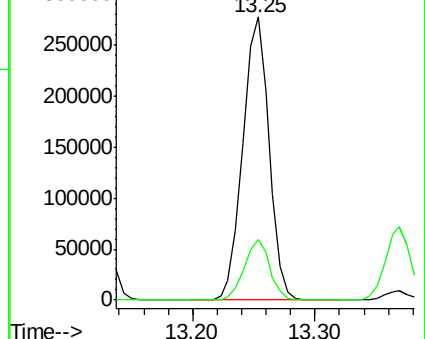
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.226 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

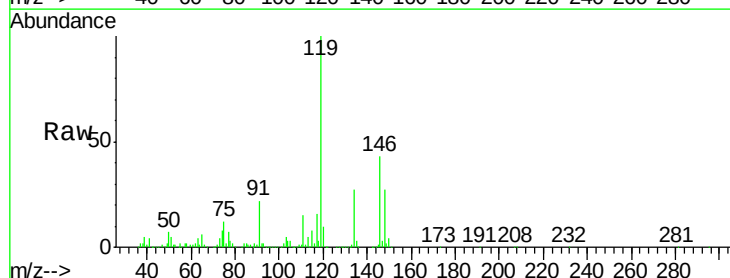
Tgt Ion:119 Resp: 382255

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

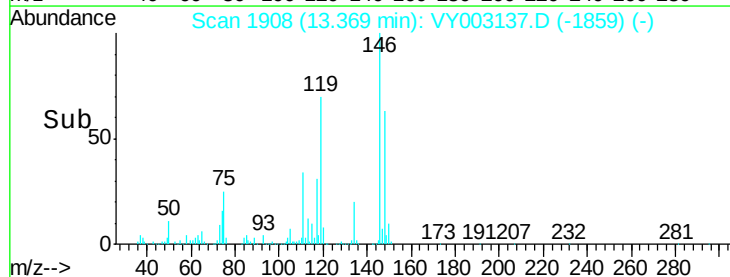
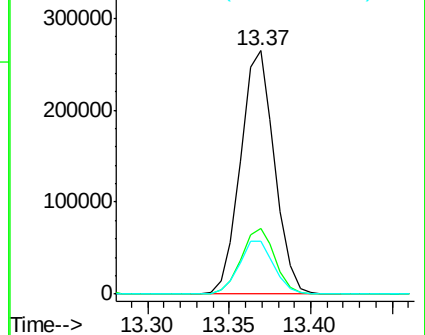
91 22.3 11.5 34.5

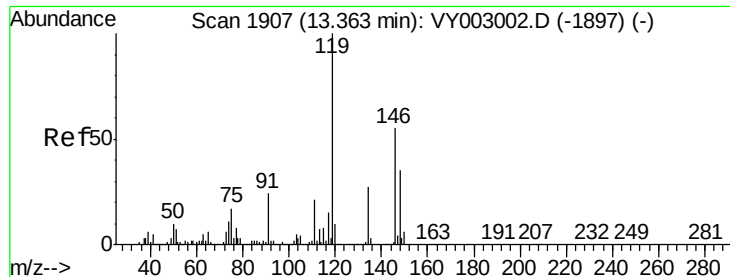


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

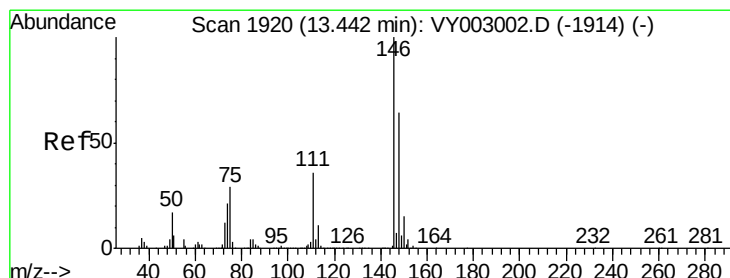
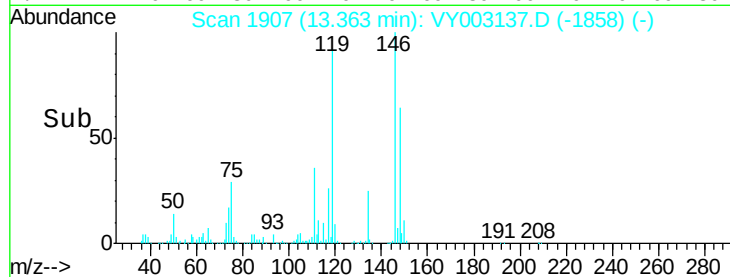
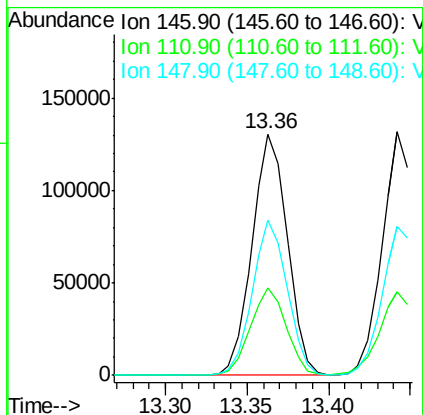
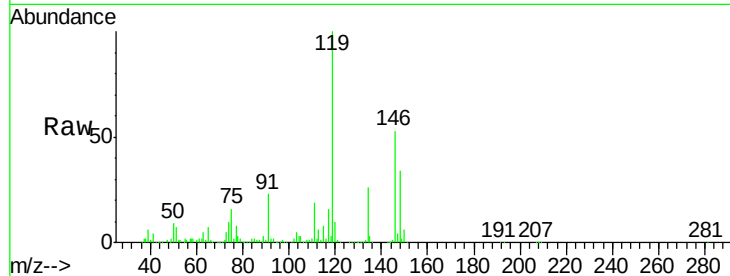




#87
 1,3-Dichlorobenzene
 Concen: 21.519 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

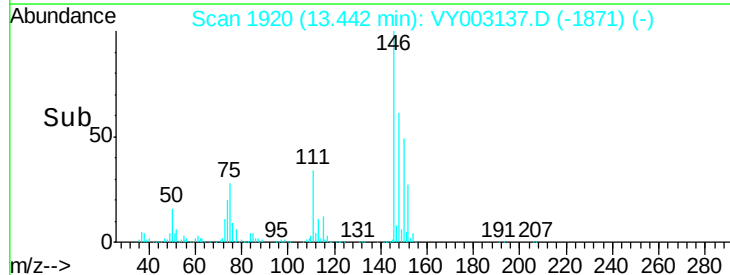
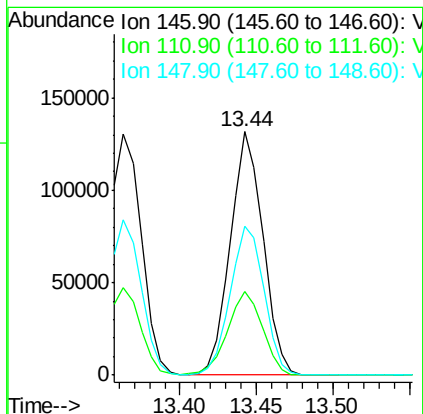
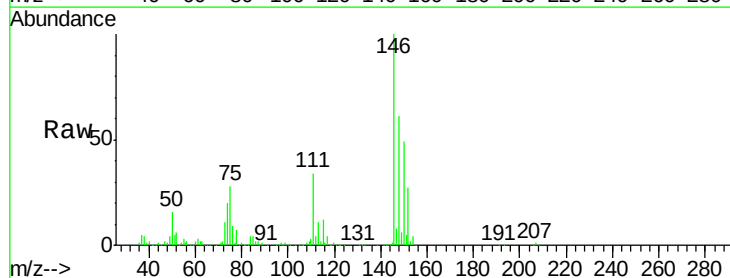
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBSD01

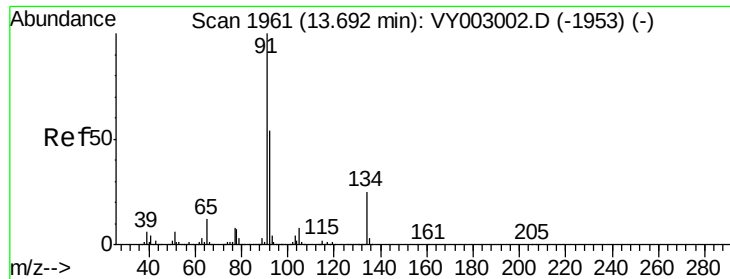
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.3
148	63.4	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.654 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.4
148	63.2	32.3	96.9

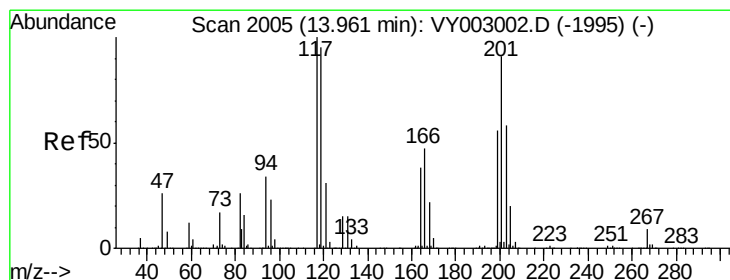
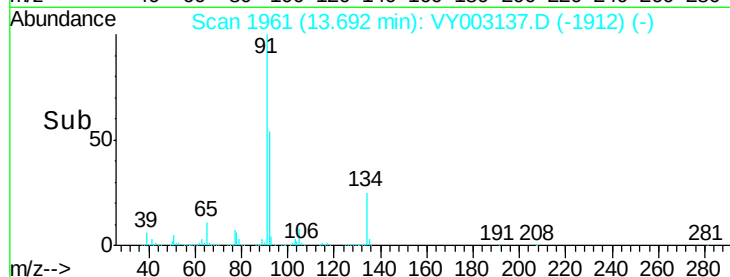
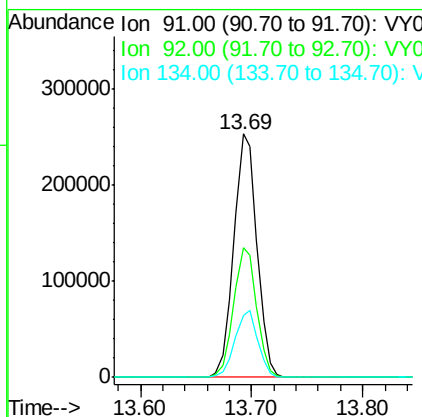
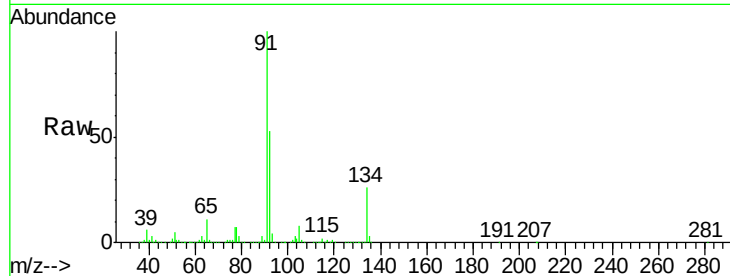




#89
n-Butylbenzene
Concen: 21.153 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

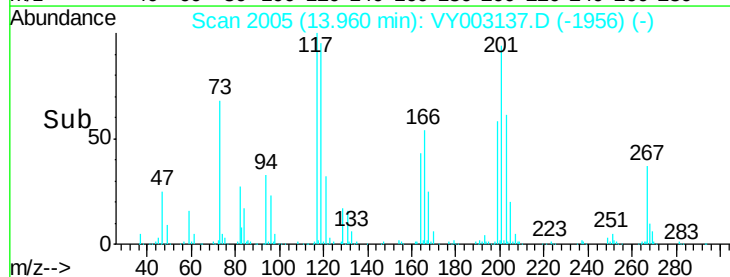
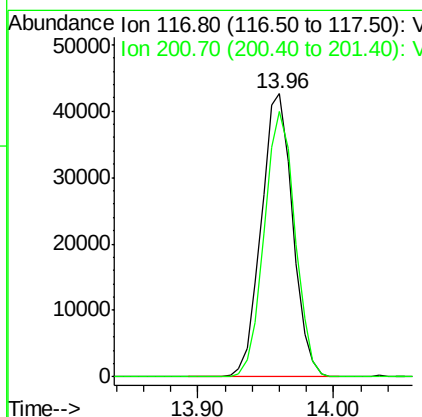
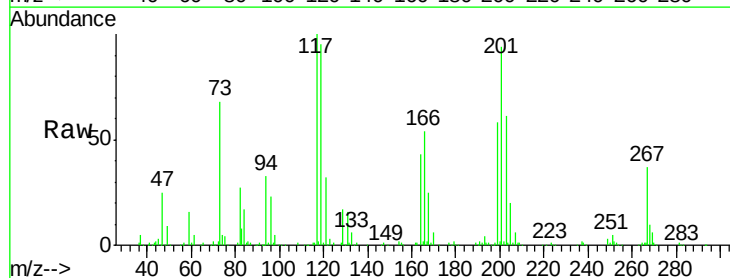
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBS01

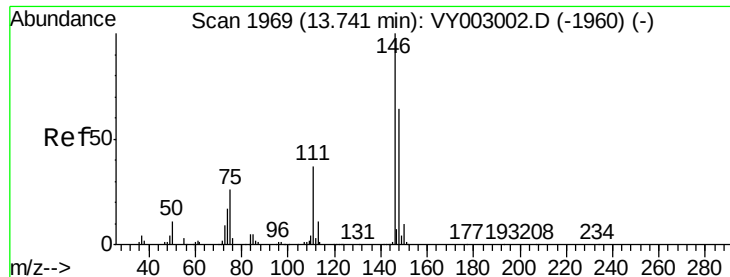
Tot Ion: 91 Resp: 364467
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.3
134 27.2 13.1 39.1



#90
Hexachloroethane
Concen: 19.405 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003137.D
Acq: 08 Jul 2020 15:32

Tgt Ion: 117 Resp: 69390
Ion Ratio Lower Upper
117 100
201 91.5 45.5 136.4

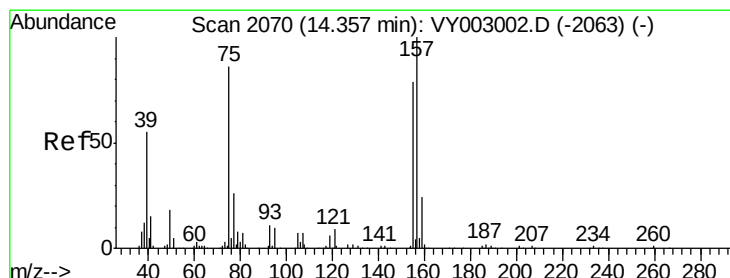
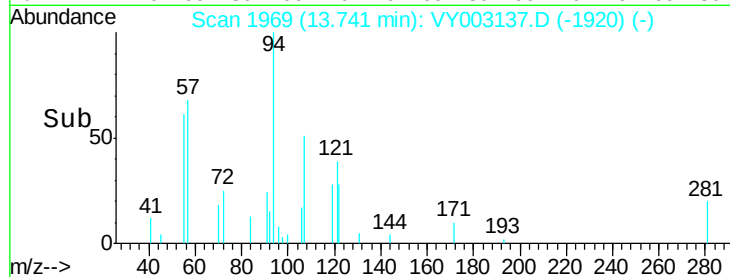
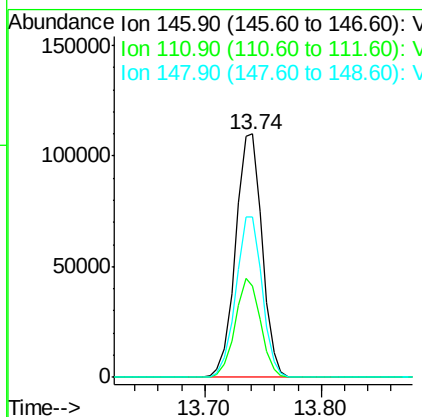
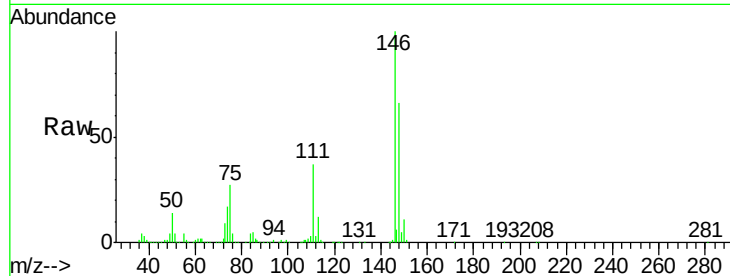




#91
 1,2-Dichlorobenzene
 Concen: 21.212 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

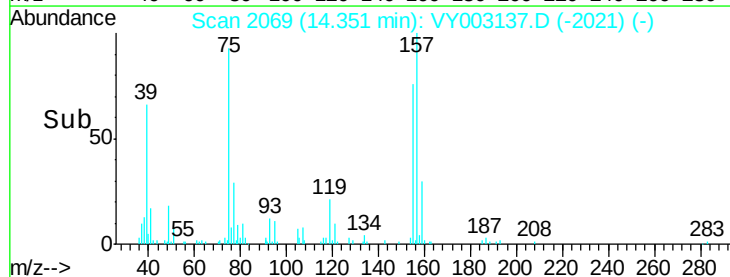
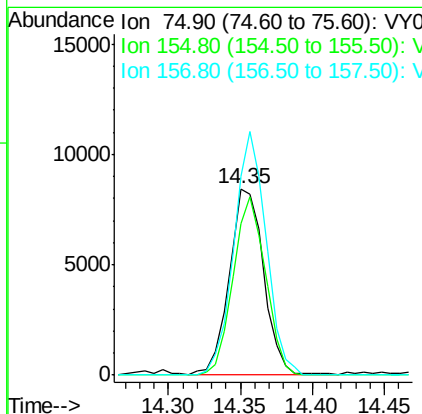
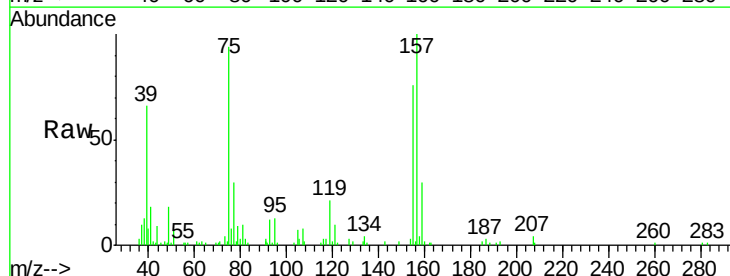
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBS01

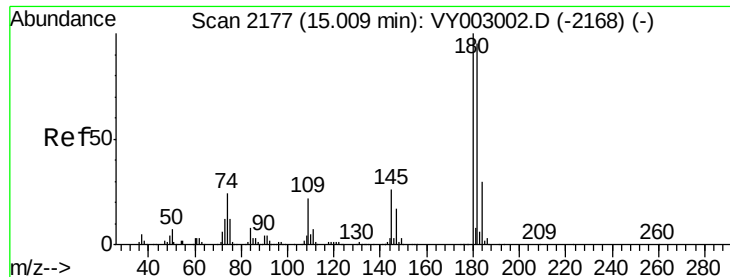
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	65.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.637 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003137.D
 Acq: 08 Jul 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	46.5	139.3
157	121.5	59.2	177.5





#93

1,2,4-Trichlorobenzene

Concen: 21.216 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

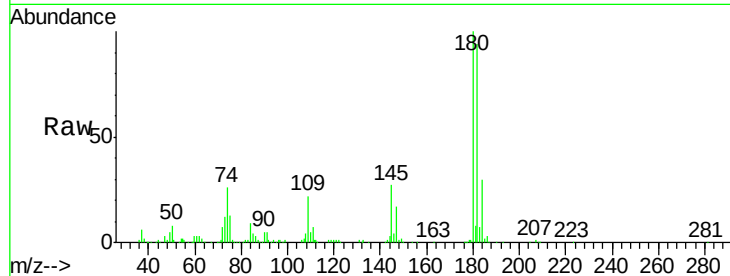
Tot Ion:180 Resp: 129566

Ion Ratio Lower Upper

180 100

182 97.2 48.1 144.3

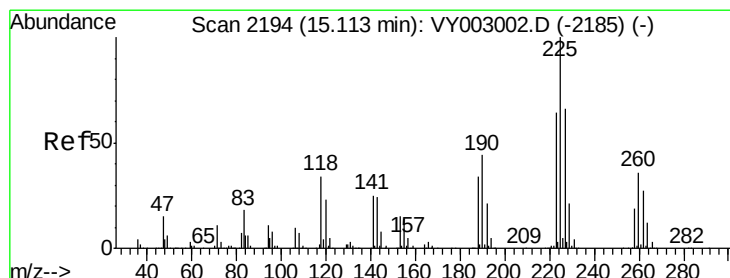
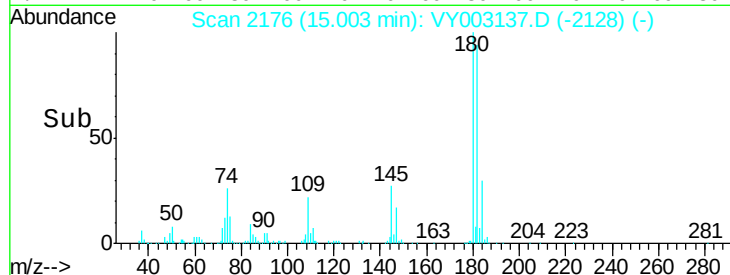
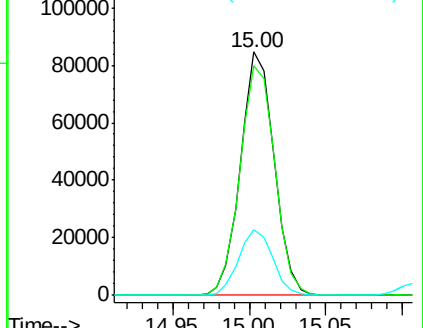
145 27.3 13.9 41.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 22.075 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

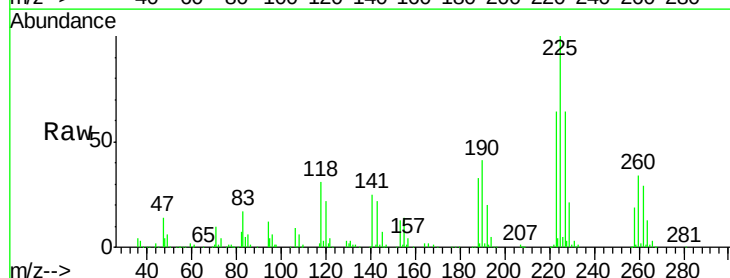
Tgt Ion:225 Resp: 85034

Ion Ratio Lower Upper

225 100

223 63.7 32.4 97.0

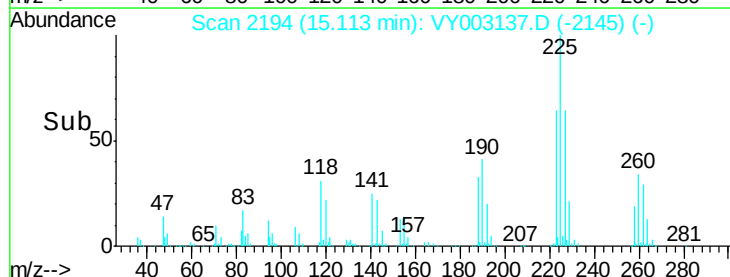
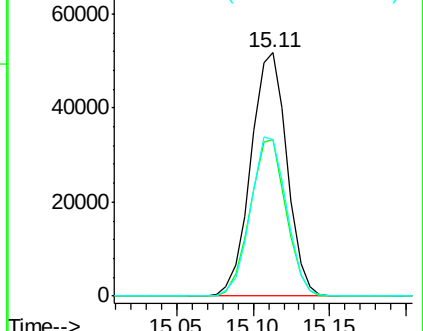
227 65.2 32.4 97.2

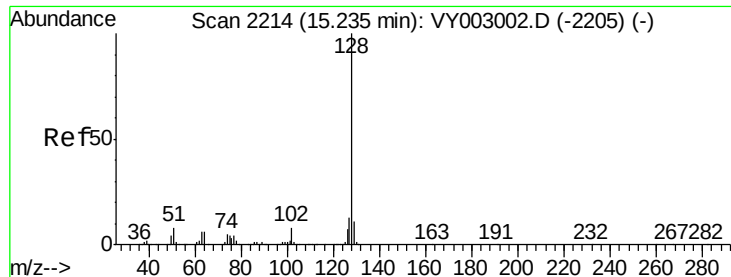


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.049 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBSD01

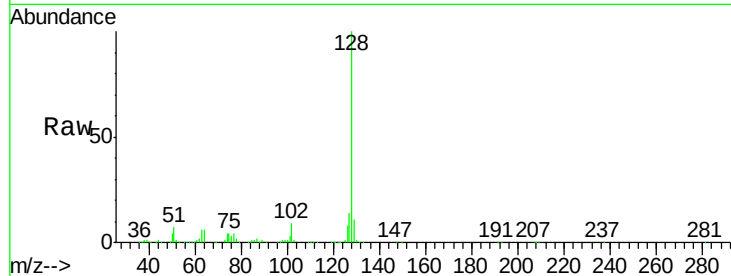
Tot Ion:128 Resp: 223636

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

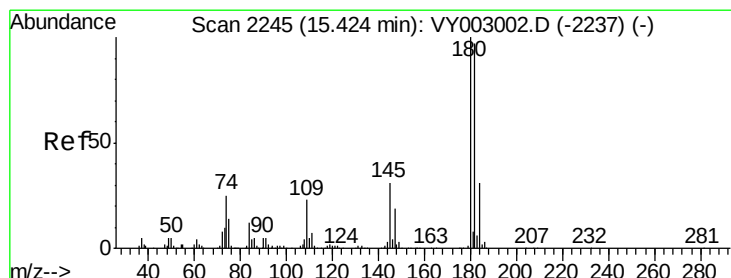
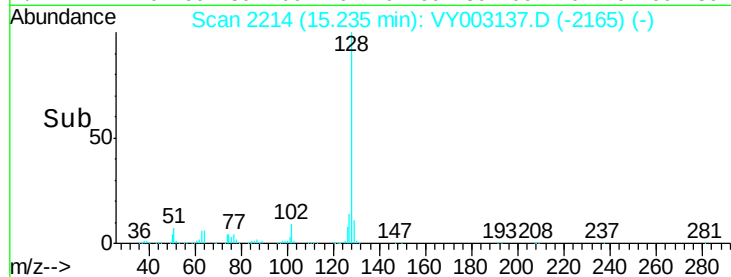
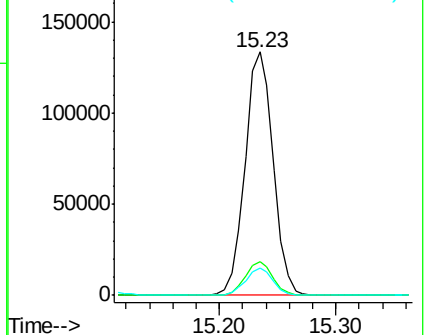
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.550 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003137.D

Acq: 08 Jul 2020 15:32

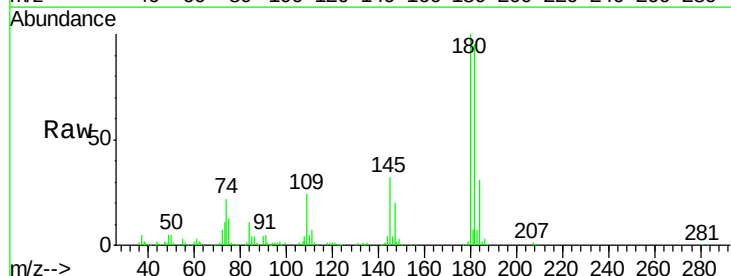
Tgt Ion:180 Resp: 108975

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.3

145 29.8 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

