

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003313.D
 Acq On : 23 Jul 2020 13:43
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:37:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	449182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	610420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	188180	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.72	113	179890	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.18	98	667329	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	245983	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	71409	22.181	ug/l	99
3) Chloromethane	2.12	50	93829	21.012	ug/l	99
4) Vinyl Chloride	2.25	62	99434	21.702	ug/l	97
5) Bromomethane	2.64	94	76240	22.403	ug/l	98
6) Chloroethane	2.79	64	62441	20.749	ug/l	100
7) Trichlorofluoromethane	3.13	101	141155	21.573	ug/l	100
8) Diethyl Ether	3.53	74	47364	21.602	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	83220	21.059	ug/l	98
10) Methyl Iodide	4.10	142	80069	18.649	ug/l	98
11) Tert butyl alcohol	4.96	59	49160	119.916	ug/l	97
12) 1,1-Dichloroethene	3.88	96	79737	21.333	ug/l	95
13) Acrolein	3.73	56	27445	77.130	ug/l	96
14) Allyl chloride	4.49	41	127470	22.983	ug/l	95
15) Acrylonitrile	5.17	53	121510	115.368	ug/l	99
16) Acetone	3.95	43	105289	124.330	ug/l	100
17) Carbon Disulfide	4.19	76	244360	21.305	ug/l	99
18) Methyl Acetate	4.49	43	58390	24.828	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	225487	21.527	ug/l	98
20) Methylene Chloride	4.72	84	103583	21.138	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	88410	20.912	ug/l	89
22) Diisopropyl ether	6.12	45	279242	22.686	ug/l	98
23) Vinyl Acetate	6.07	43	919901	112.123	ug/l	99
24) 1,1-Dichloroethane	6.02	63	153629	21.543	ug/l	99
25) 2-Butanone	6.99	43	164362	118.207	ug/l	98
26) 2,2-Dichloropropane	6.99	77	143113	22.284	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	99796	21.440	ug/l	98
28) Bromochloromethane	7.34	49	73374	23.765	ug/l	94
29) Tetrahydrofuran	7.35	42	109929	117.686	ug/l	96
30) Chloroform	7.52	83	153038	20.836	ug/l	97
31) Cyclohexane	7.79	56	148922	21.596	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	140651	21.271	ug/l	99
36) 1,1-Dichloropropene	7.92	75	124248	21.052	ug/l	99
37) Ethyl Acetate	7.08	43	76292	24.004	ug/l	97
38) Carbon Tetrachloride	7.90	117	130064	21.347	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003313.D
 Acq On : 23 Jul 2020 13:43
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 04:37:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155827	21.018	ug/l	95
40) Benzene	8.16	78	346787	21.340	ug/l	97
41) Methacrylonitrile	7.35	41	98514	51.464	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	105271	21.042	ug/l	100
43) Isopropyl Acetate	8.27	43	140515	22.840	ug/l	97
44) Trichloroethene	8.94	130	99466	19.966	ug/l	96
45) 1,2-Dichloropropane	9.22	63	91326	21.719	ug/l	98
46) Dibromomethane	9.31	93	51195	20.845	ug/l	98
47) Bromodichloromethane	9.50	83	123972	21.224	ug/l	95
48) Methyl methacrylate	9.30	41	61742	22.449	ug/l	97
49) 1,4-Dioxane	9.30	88	14629	469.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	372630	116.532	ug/l	98
52) Toluene	10.24	92	217925	20.981	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	132409	21.879	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	147759	21.190	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	75123	21.586	ug/l	99
56) Ethyl methacrylate	10.51	69	103499	21.875	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128760	21.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	280137	116.094	ug/l	99
59) 2-Hexanone	10.83	43	262770	117.718	ug/l	99
60) Dibromochloromethane	10.99	129	92636	21.163	ug/l	98
61) 1,2-Dibromoethane	11.09	107	71395	20.786	ug/l	99
64) Tetrachloroethene	10.72	164	102167	18.771	ug/l	95
65) Chlorobenzene	11.52	112	243047	20.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	94372	20.663	ug/l	99
67) Ethyl Benzene	11.59	91	439979	20.955	ug/l	97
68) m/p-Xylenes	11.70	106	329069	41.306	ug/l	99
69) o-Xylene	12.03	106	156558	21.035	ug/l	99
70) Styrene	12.04	104	265460	20.850	ug/l	98
71) Bromoform	12.20	173	61902	20.650	ug/l #	96
73) Isopropylbenzene	12.33	105	432794	20.380	ug/l	99
74) N-amyl acetate	12.14	43	130458	21.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	88390	21.550	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	120974	41.011	ug/l #	100
77) Bromobenzene	12.61	156	111222	20.546	ug/l	97
78) n-propylbenzene	12.67	91	520649	20.799	ug/l	99
79) 2-Chlorotoluene	12.75	91	284026	20.336	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	362322	20.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31417	20.728	ug/l	97
82) 4-Chlorotoluene	12.85	91	298403	20.470	ug/l	100
83) tert-Butylbenzene	13.07	119	314010	20.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	364971	20.494	ug/l	99
85) sec-Butylbenzene	13.25	105	450966	21.009	ug/l	99
86) p-Isopropyltoluene	13.37	119	415974	20.754	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	209014	20.418	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	205715	20.298	ug/l	99
89) n-Butylbenzene	13.69	91	405776	21.524	ug/l	99
90) Hexachloroethane	13.95	117	77986	21.366	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185596	20.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15013	22.578	ug/l	97

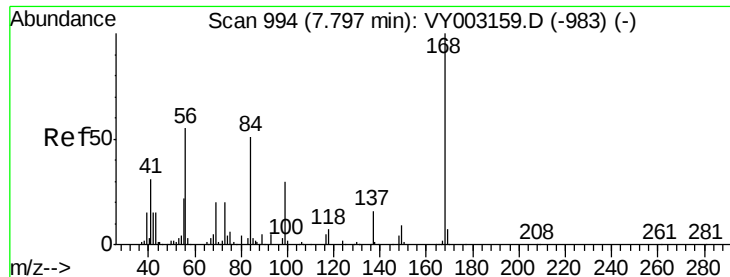
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003313.D
Acq On : 23 Jul 2020 13:43
Operator : SY/MD
Sample : VY0723SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBSD01

Quant Time: Jul 24 04:37:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136220	21.315	ug/l	99
94) Hexachlorobutadiene	15.11	225	87137	19.898	ug/l	97
95) Naphthalene	15.23	128	230899	21.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	107467	21.272	ug/l	100

(#) = 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: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

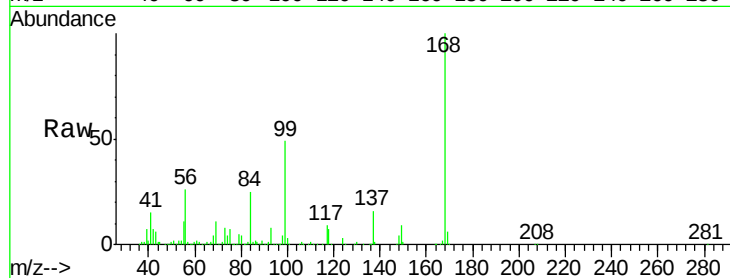
VY0723SBS01

Tot Ion:168 Resp: 449182

Ion Ratio Lower Upper

168 100

99 49.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003313.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003313.D (-945) (-)

7.80

200000

150000

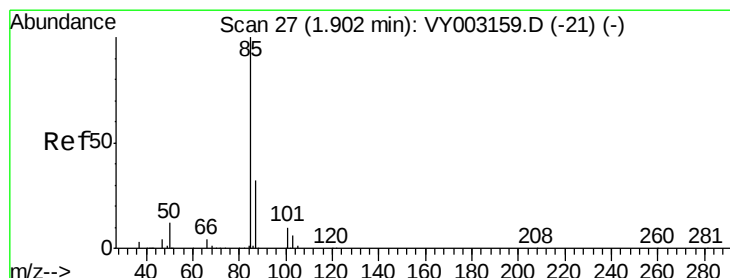
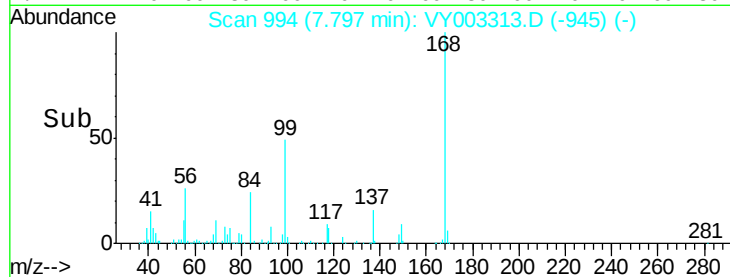
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.181 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003313.D

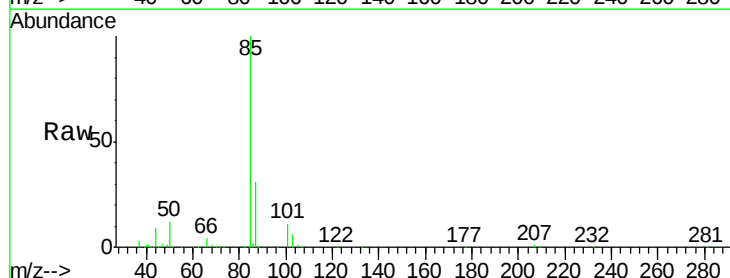
Acq: 23 Jul 2020 13:43

Tgt Ion: 85 Resp: 71409

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003313.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003313.D (-1) (-)

1.90

50000

40000

30000

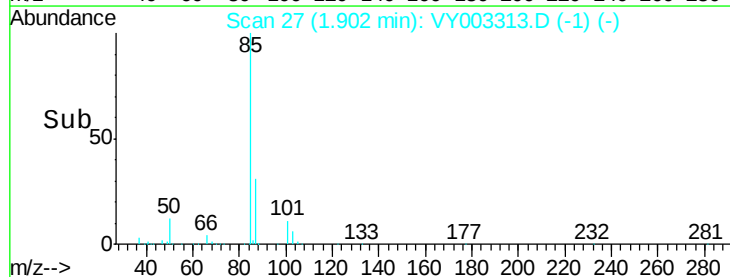
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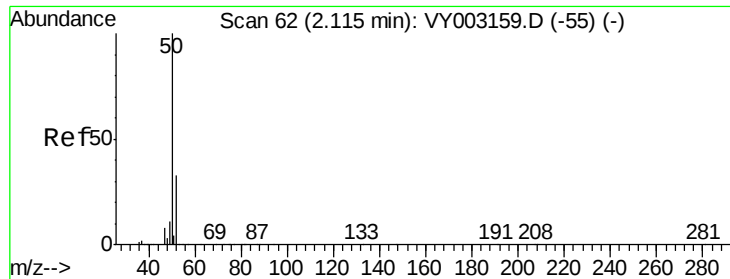
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.012 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

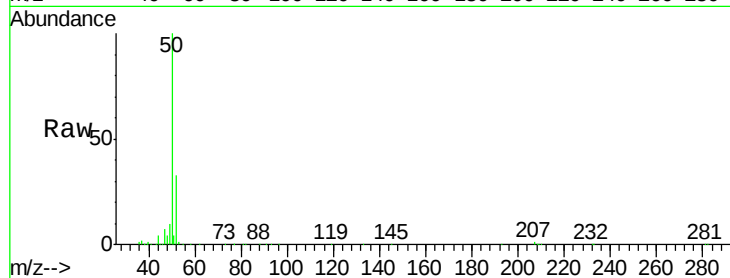
VY0723SBS01

Tot Ion: 50 Resp: 93829

Ion Ratio Lower Upper

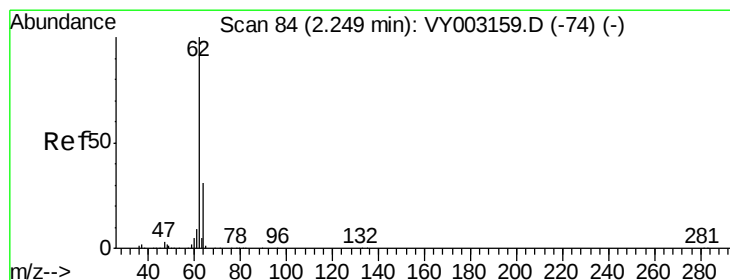
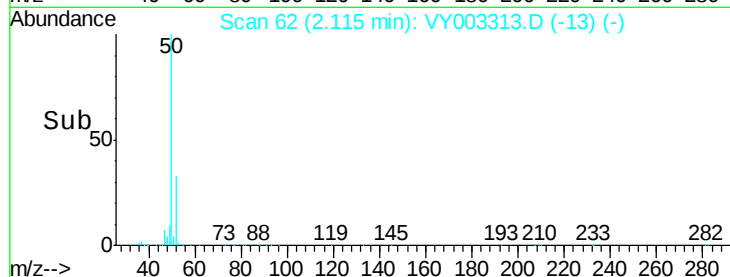
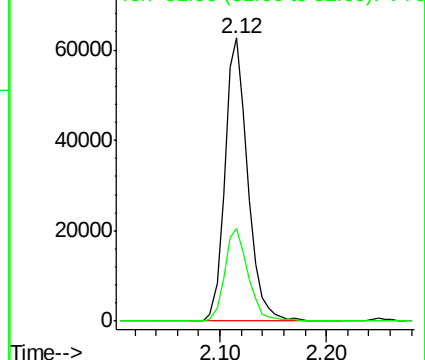
50 100

52 32.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.702 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003313.D

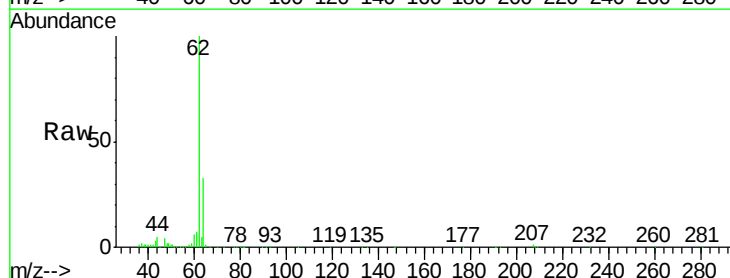
Acq: 23 Jul 2020 13:43

Tgt Ion: 62 Resp: 99434

Ion Ratio Lower Upper

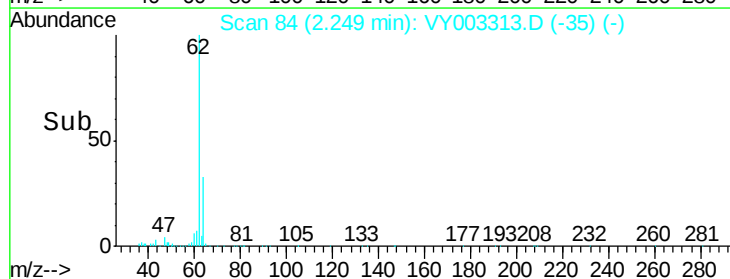
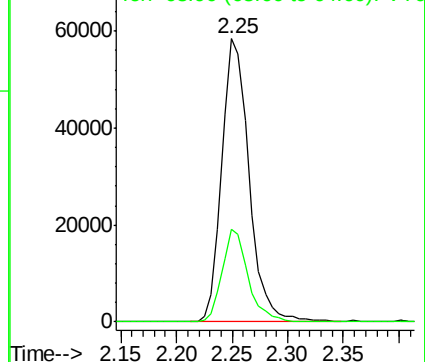
62 100

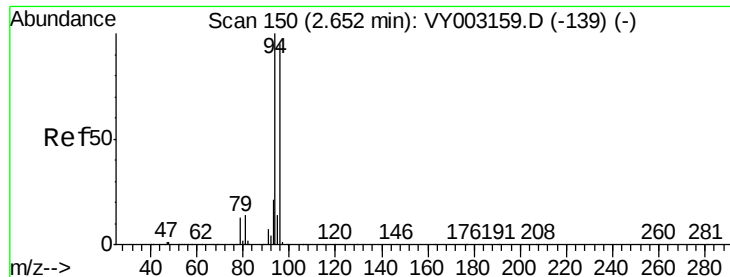
64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.403 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

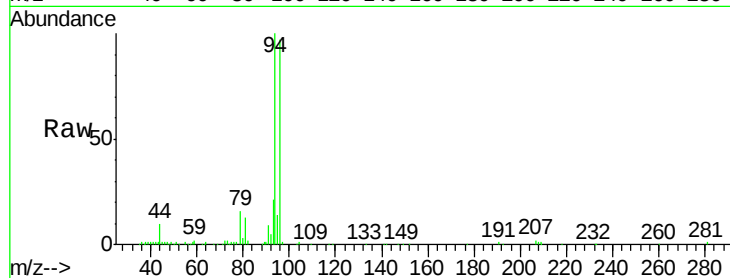
VY0723SBS01

Tot Ion: 94 Resp: 76240

Ion Ratio Lower Upper

94 100

96 96.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

30000

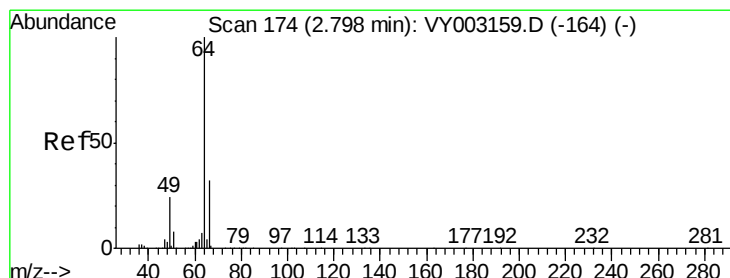
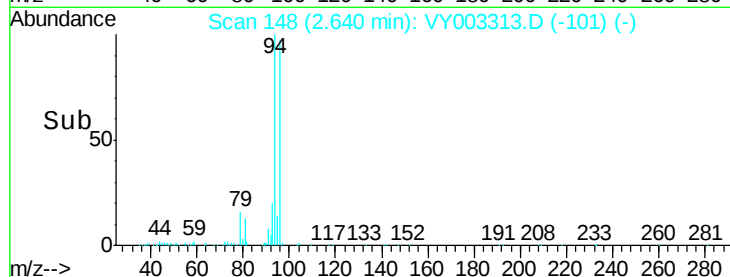
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 20.749 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003313.D

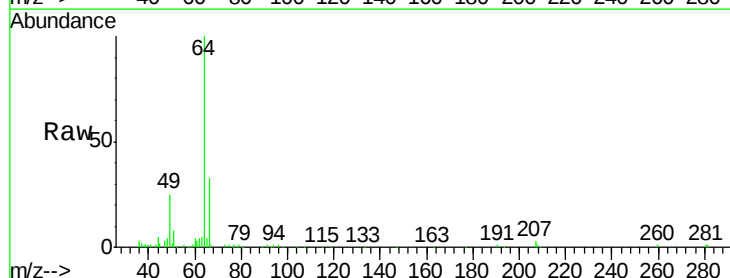
Acq: 23 Jul 2020 13:43

Tgt Ion: 64 Resp: 62441

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

25000

20000

15000

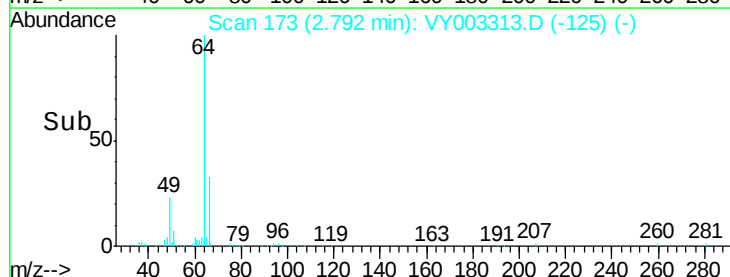
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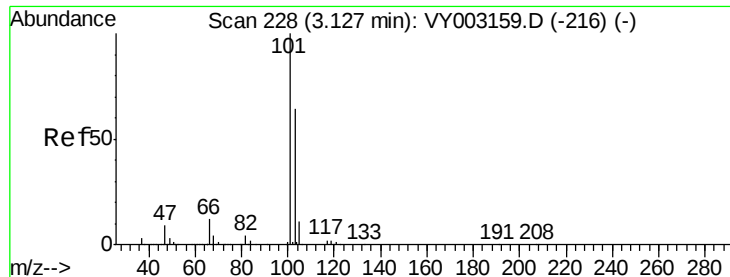
5000

0

Time-->

2.70 2.80 2.90



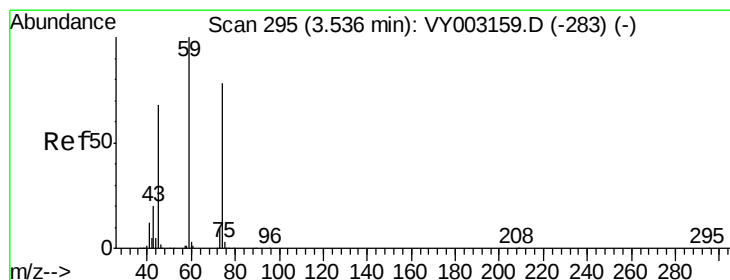
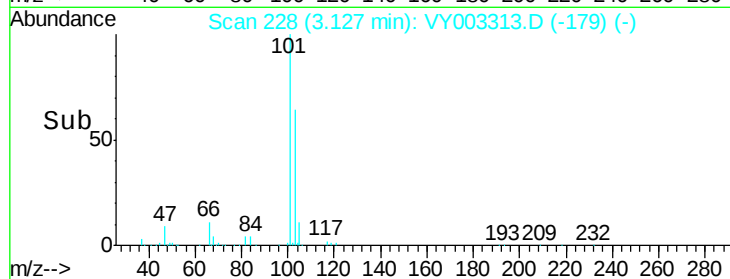
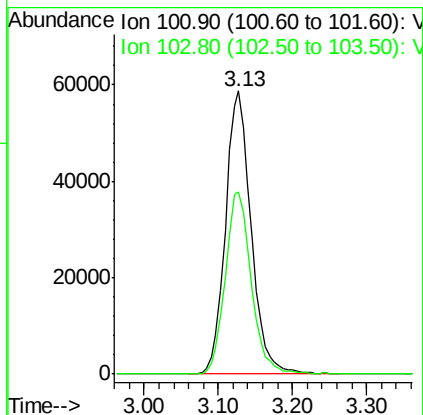
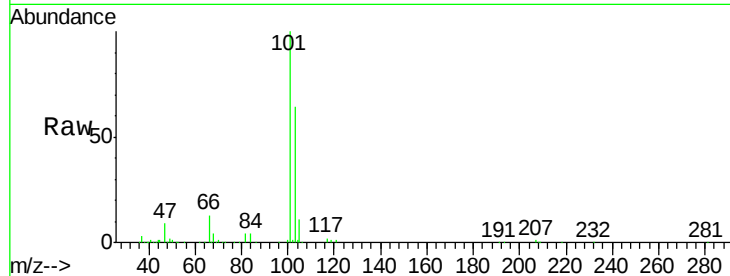


#7

Trichlorofluoromethane
 Concen: 21.573 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

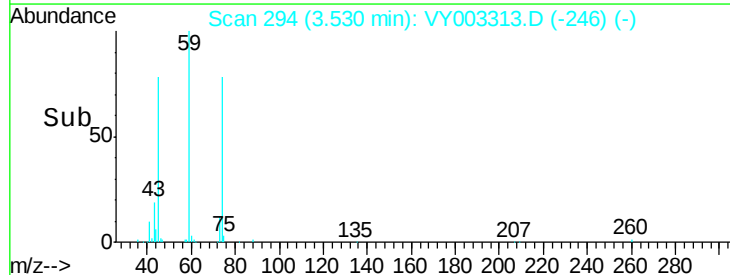
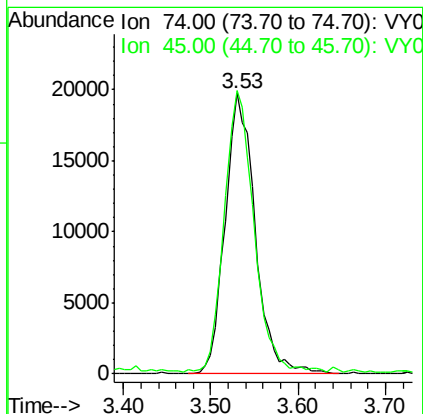
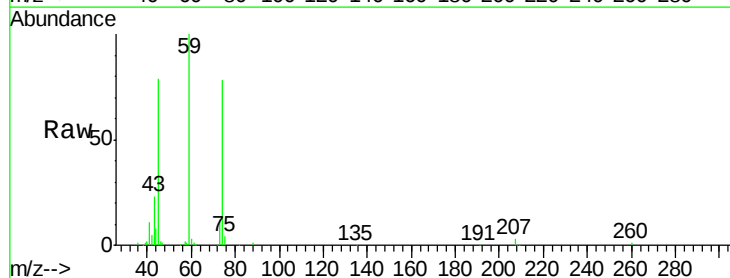
Tot Ion:101 Resp: 141155
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.3 76.9

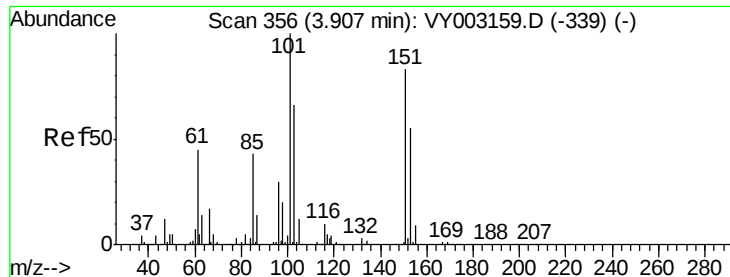


#8

Diethyl Ether
 Concen: 21.602 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 74 Resp: 47364
 Ion Ratio Lower Upper
 74 100
 45 99.1 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.059 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

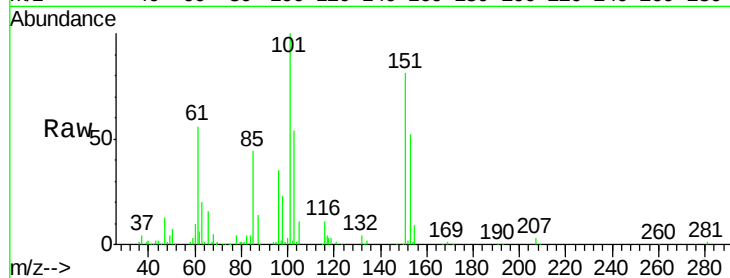
Tot Ion:101 Resp: 83220

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

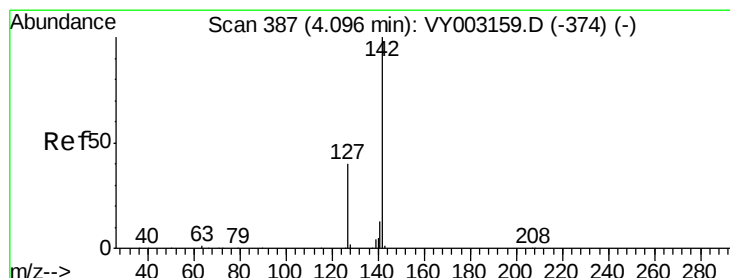
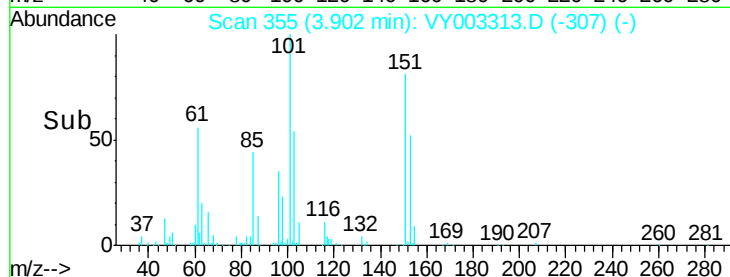
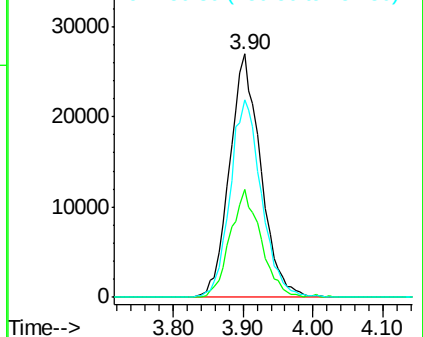
151 81.7 67.0 100.6



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: 18.649 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

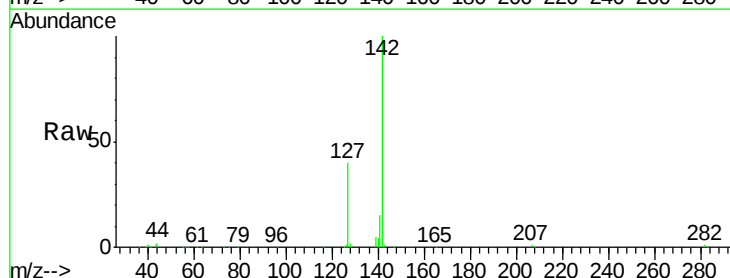
Tgt Ion:142 Resp: 80069

Ion Ratio Lower Upper

142 100

127 42.6 33.5 50.3

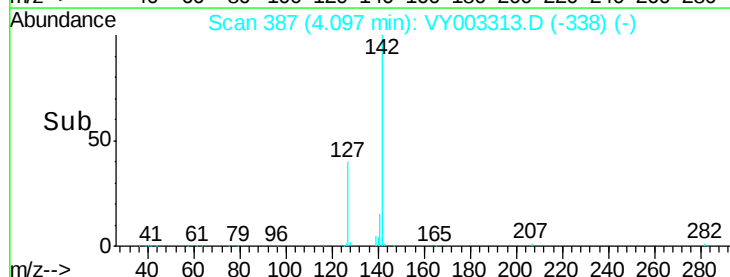
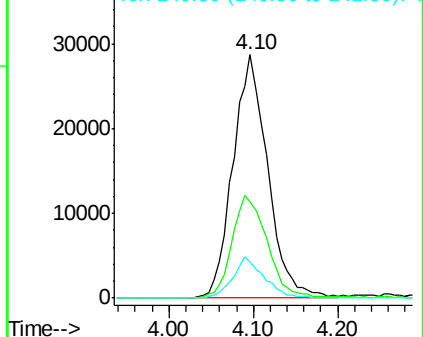
141 15.2 11.2 16.8

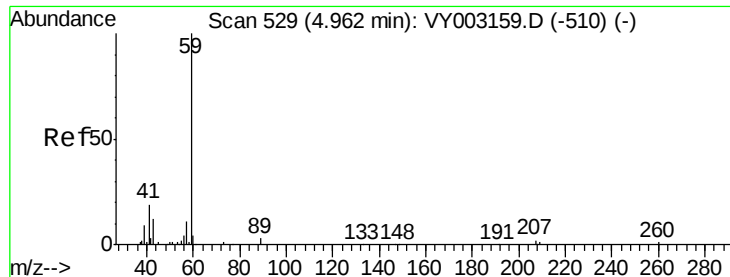


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



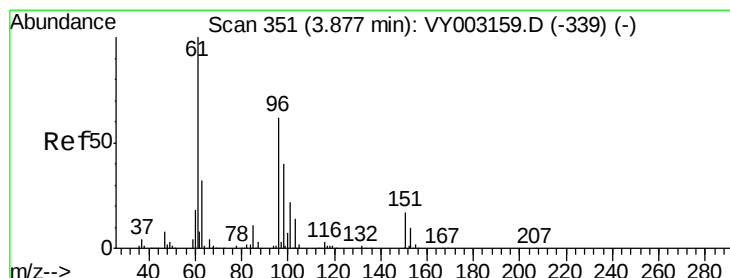
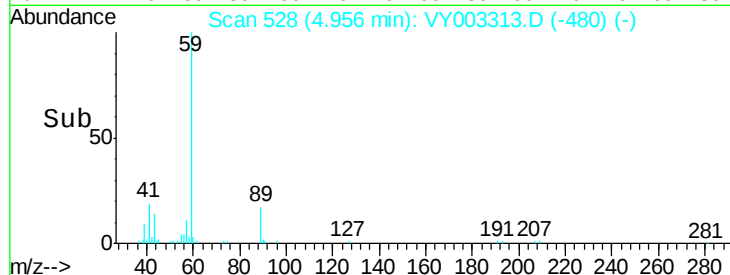
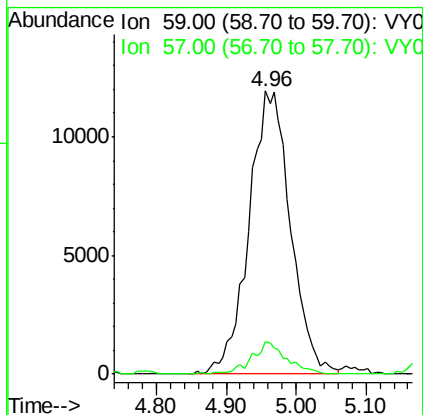
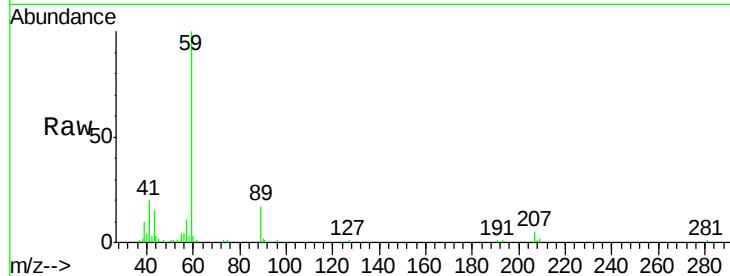


#11

Tert butyl alcohol
 Concen: 119.916 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

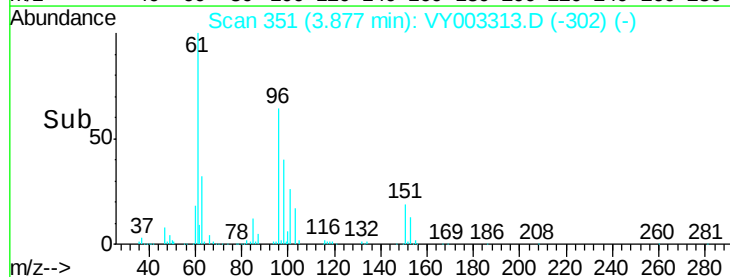
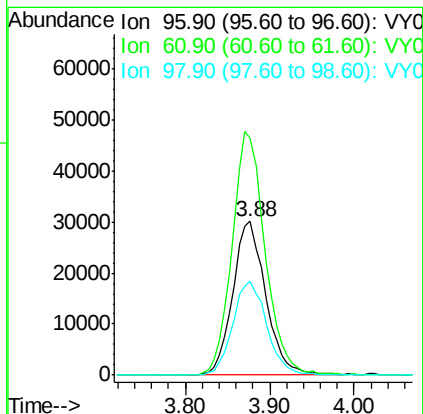
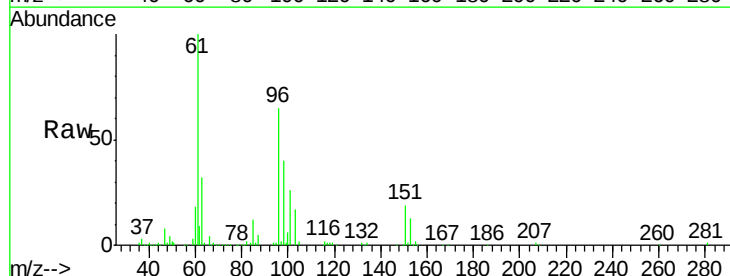
Tot Ion: 59 Resp: 49160
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.4 12.6

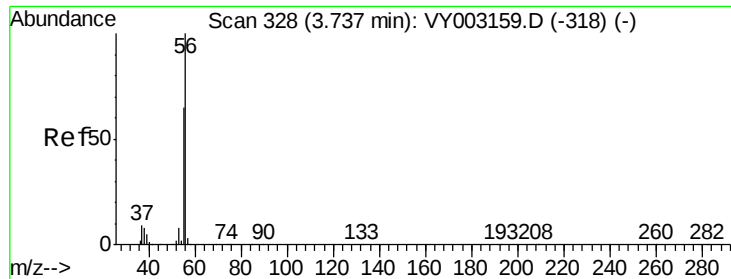


#12

1,1-Dichloroethene
 Concen: 21.333 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 96 Resp: 79737
 Ion Ratio Lower Upper
 96 100
 61 154.3 128.6 193.0
 98 61.2 51.6 77.4





#13

Acrolein

Concen: 77.130 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

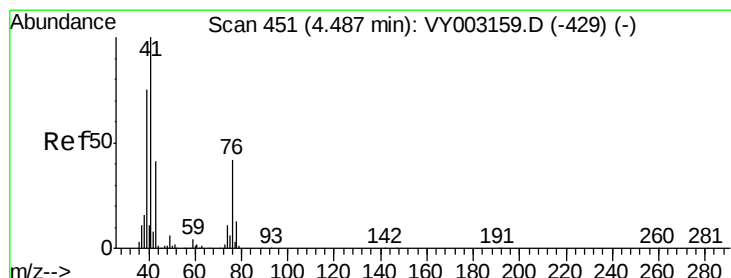
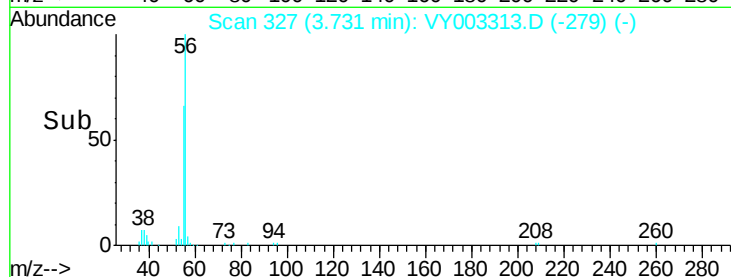
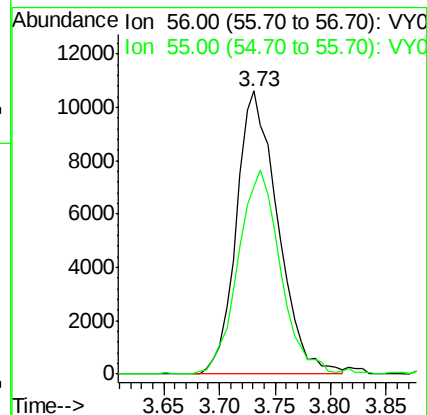
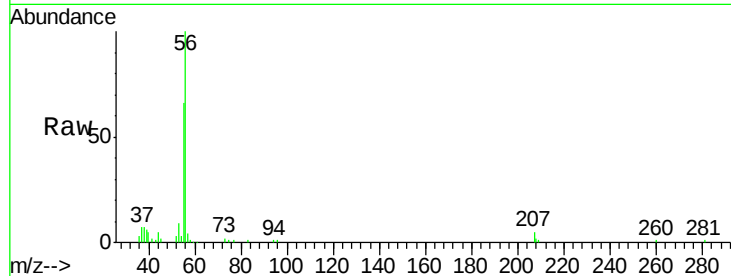
VY0723SBS01

Tot Ion: 56 Resp: 27445

Ion Ratio Lower Upper

56 100

55 73.6 56.0 84.0



#14

Allyl chloride

Concen: 22.983 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

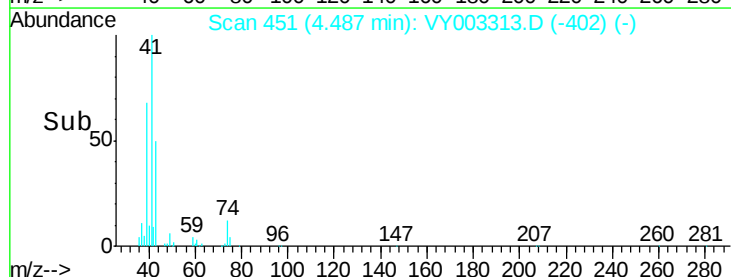
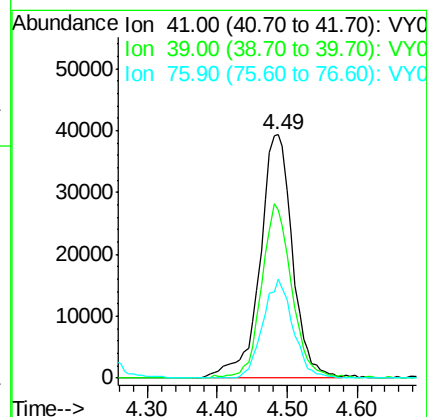
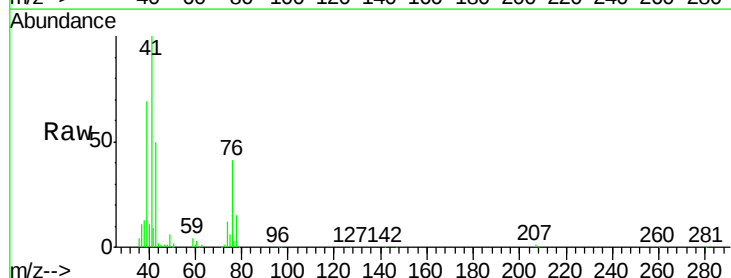
Tgt Ion: 41 Resp: 127470

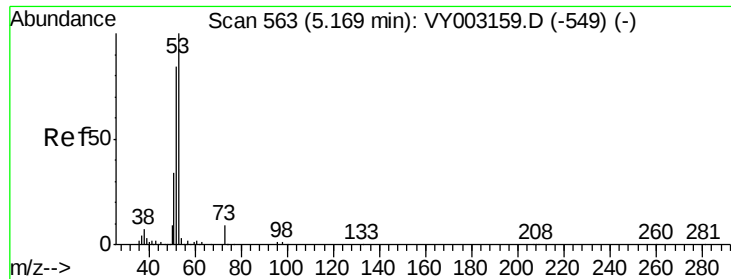
Ion Ratio Lower Upper

41 100

39 66.3 56.6 85.0

76 37.3 31.6 47.4





#15

Acrylonitrile

Concen: 115.368 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

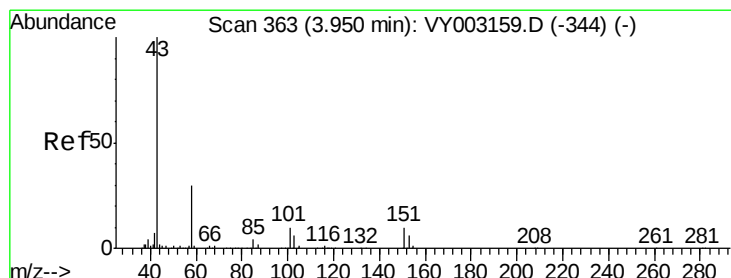
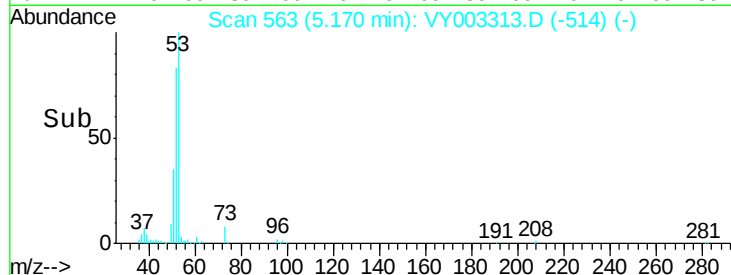
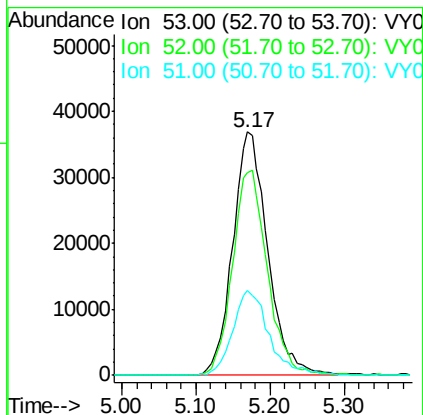
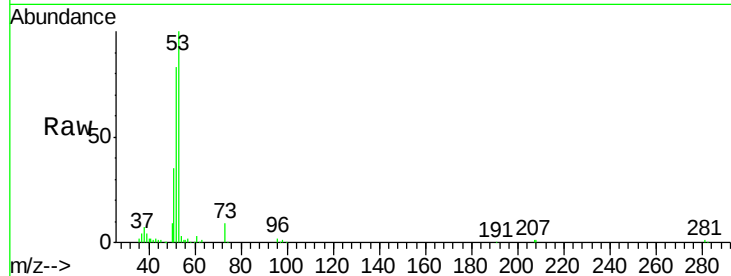
Tot Ion: 53 Resp: 121510

Ion Ratio Lower Upper

53 100

52 83.6 65.8 98.6

51 36.0 29.0 43.4



#16

Acetone

Concen: 124.330 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003313.D

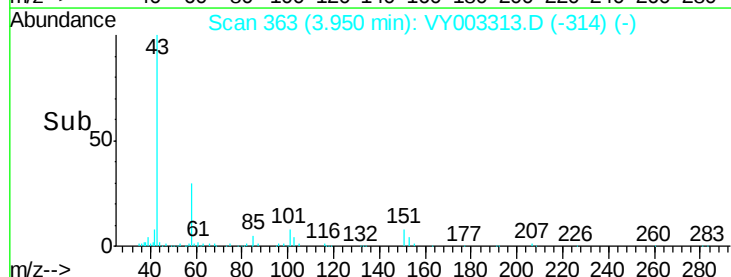
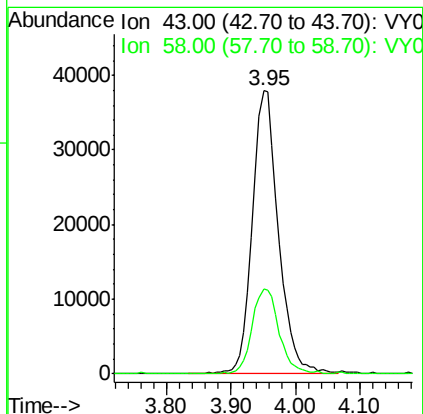
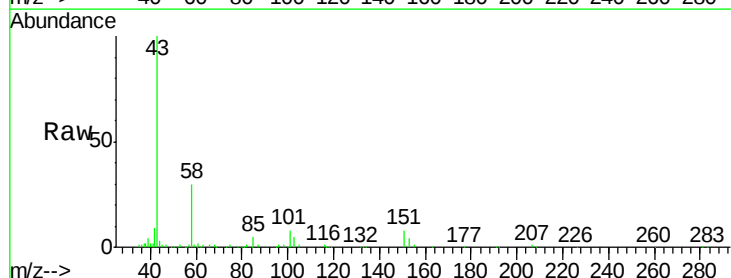
Acq: 23 Jul 2020 13:43

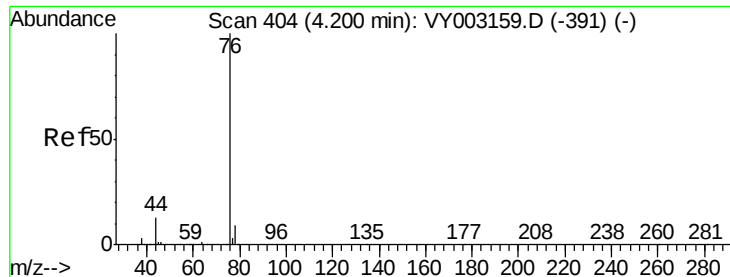
Tgt Ion: 43 Resp: 105289

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.6





#17

Carbon Disulfide

Concen: 21.305 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

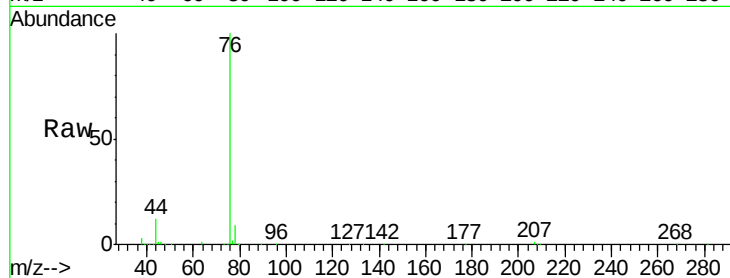
VY0723SBS01

Tot Ion: 76 Resp: 244360

Ion Ratio Lower Upper

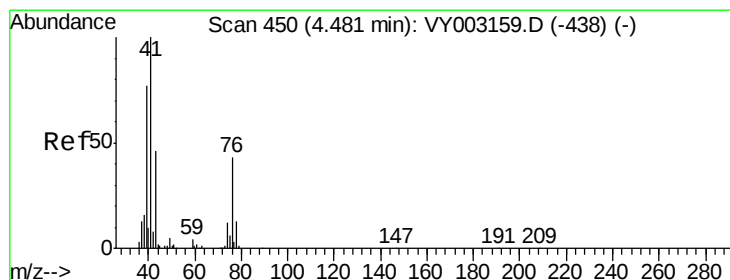
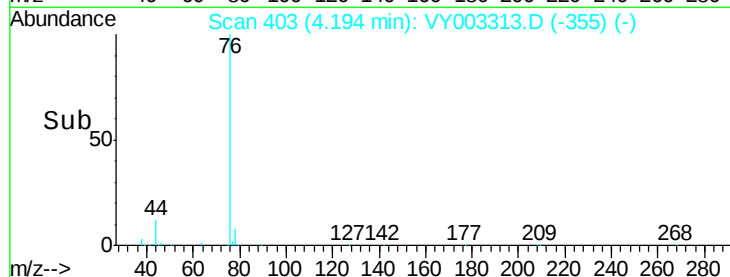
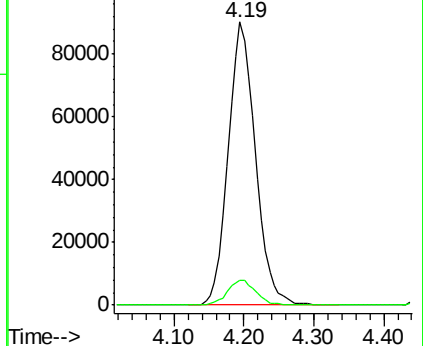
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 24.828 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003313.D

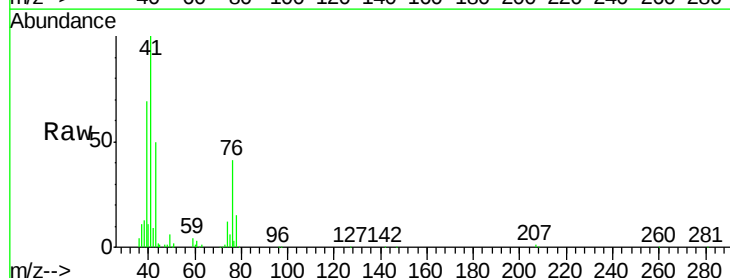
Acq: 23 Jul 2020 13:43

Tgt Ion: 43 Resp: 58390

Ion Ratio Lower Upper

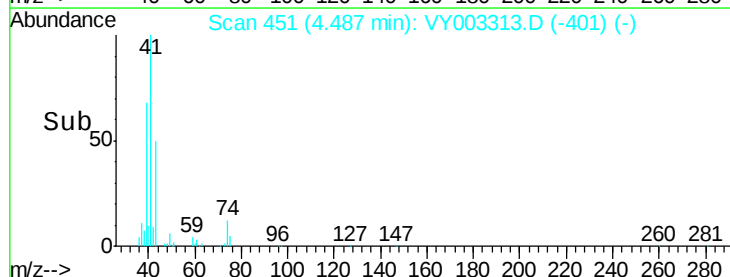
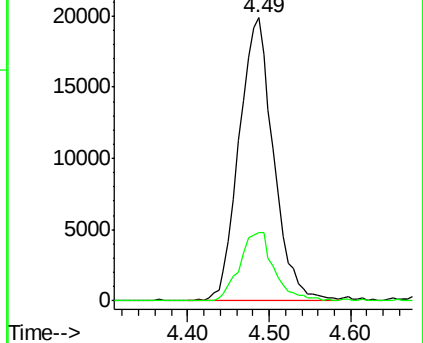
43 100

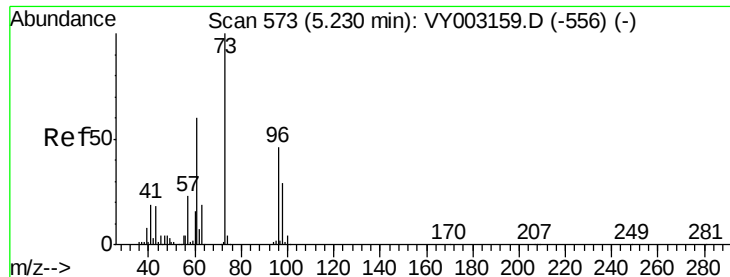
74 24.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

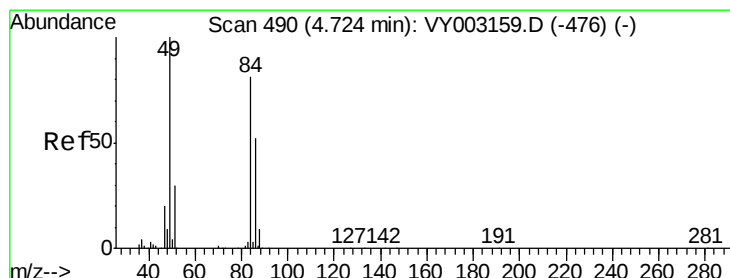
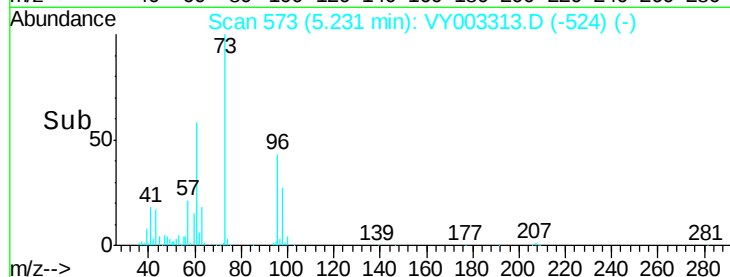
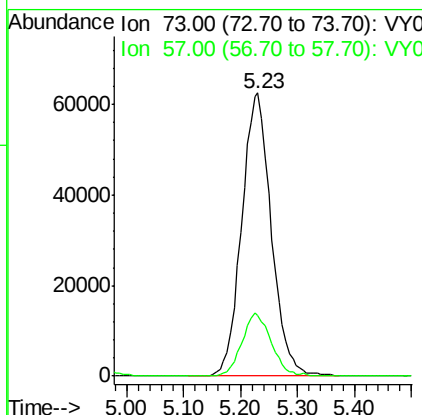
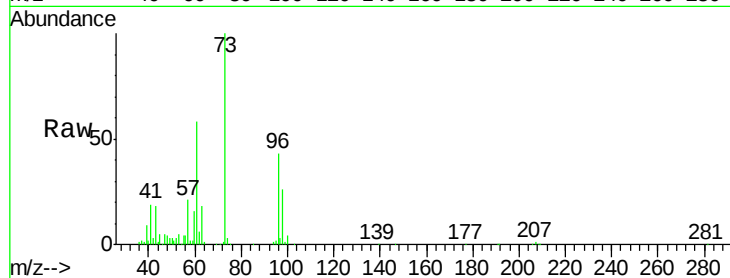




#19
Methvl tert-butvl Ether
Concen: 21.527 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

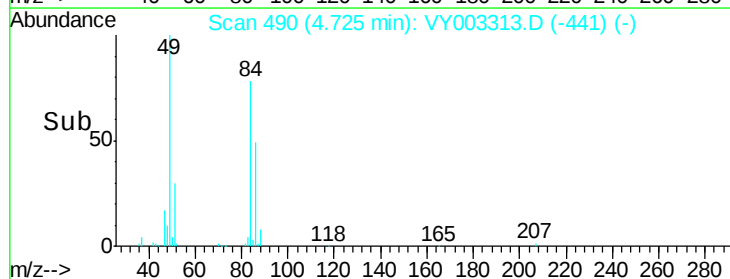
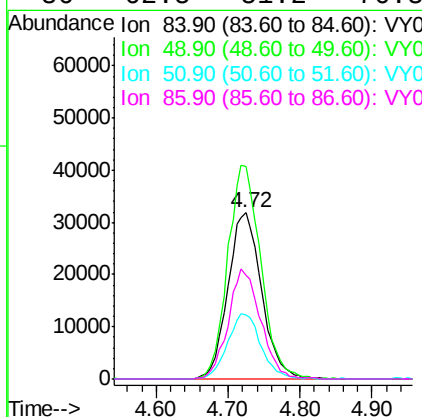
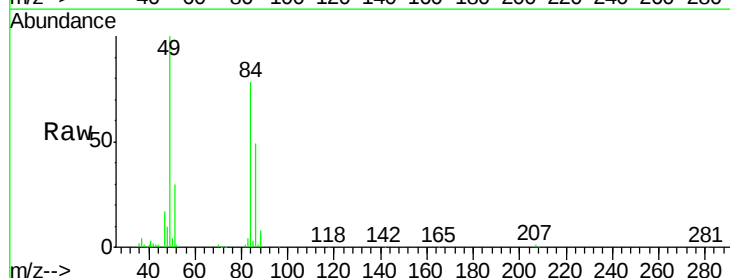
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

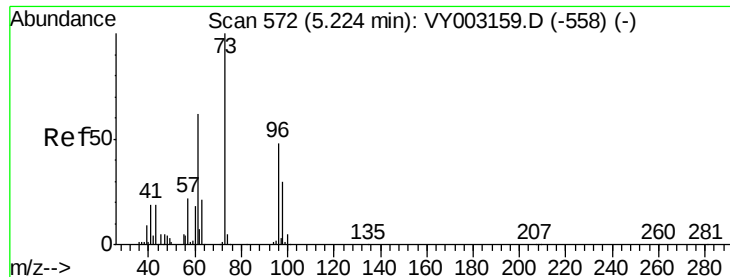
Tot Ion: 73 Resp: 225487
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 21.138 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 84 Resp: 103583
Ion Ratio Lower Upper
84 100
49 127.6 98.2 147.4
51 38.7 29.8 44.6
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.912 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

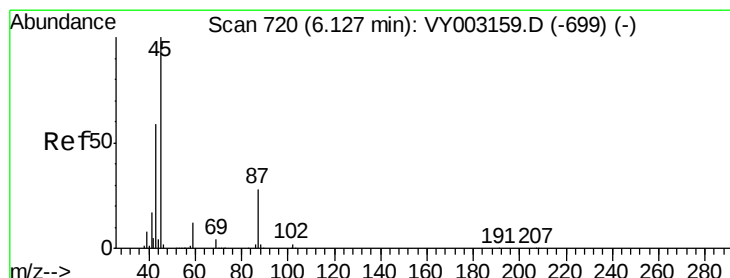
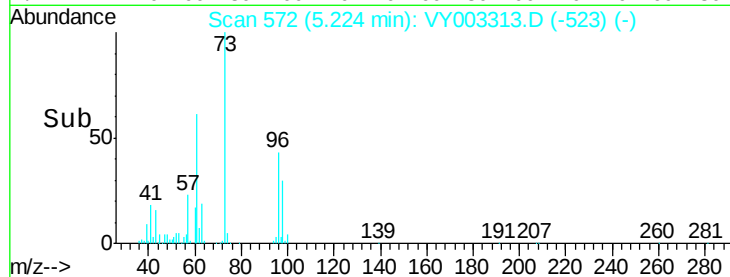
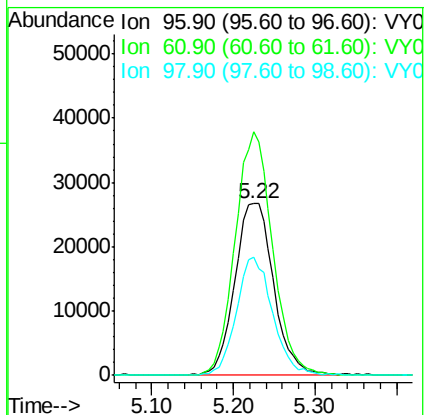
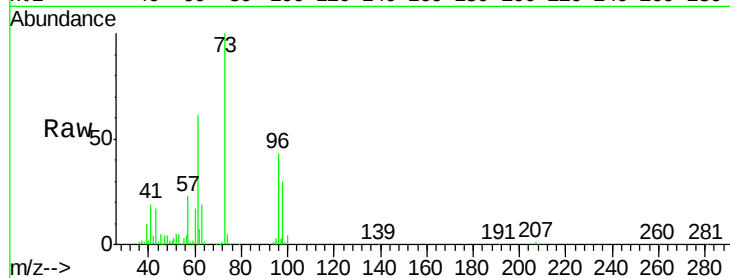
Tot Ion: 96 Resp: 88410

Ion Ratio Lower Upper

96 100

61 141.7 102.5 153.7

98 69.1 49.8 74.8



#22

Diisopropyl ether

Concen: 22.686 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion: 45 Resp: 279242

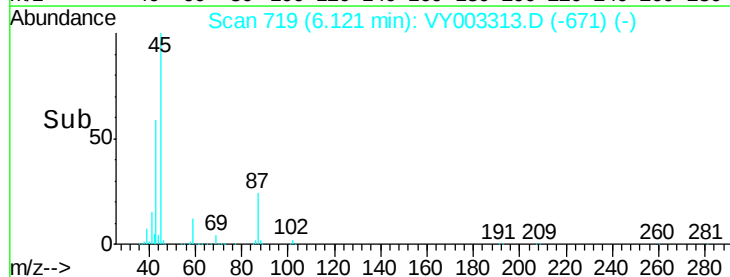
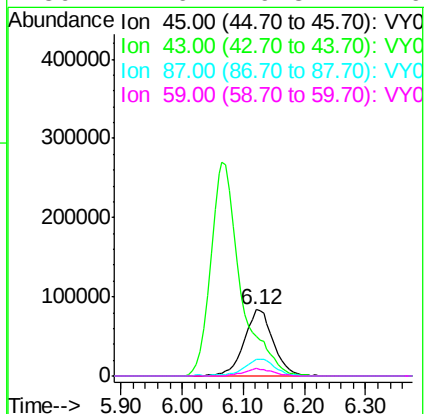
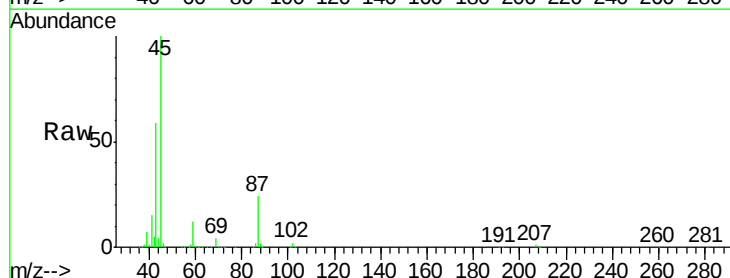
Ion Ratio Lower Upper

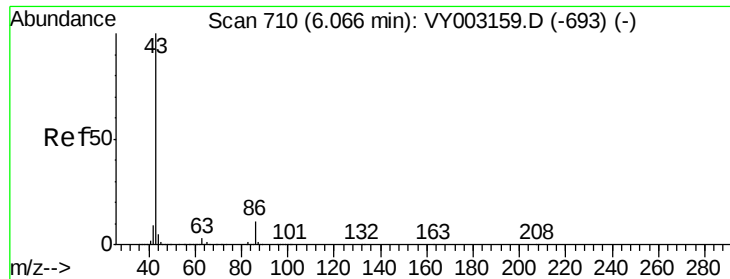
45 100

43 58.6 47.0 70.4

87 24.4 22.6 33.8

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 112.123 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

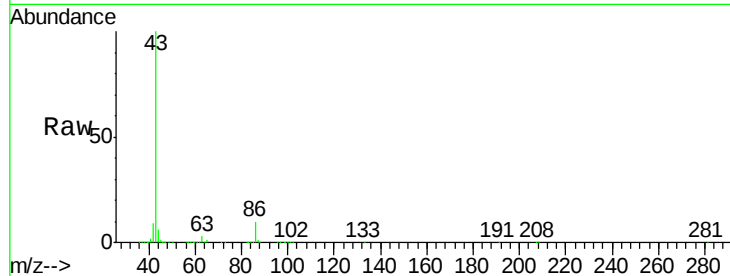
VY0723SBS01

Tot Ion: 43 Resp: 919901

Ion Ratio Lower Upper

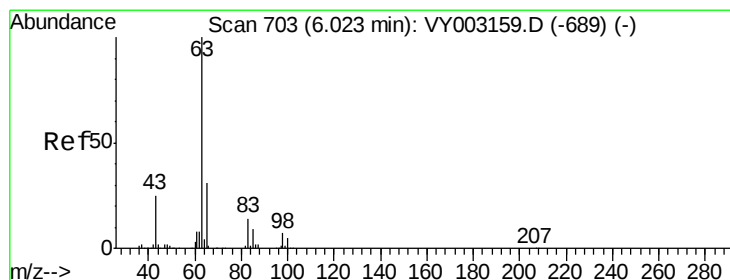
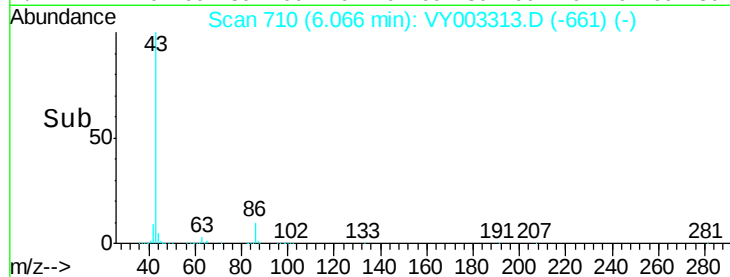
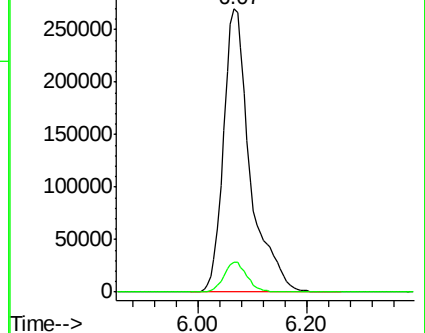
43 100

86 10.5 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.543 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

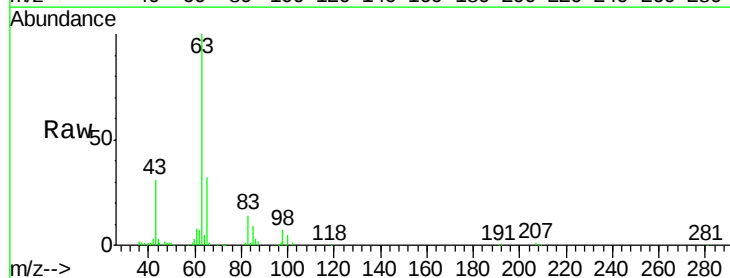
Tgt Ion: 63 Resp: 153629

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

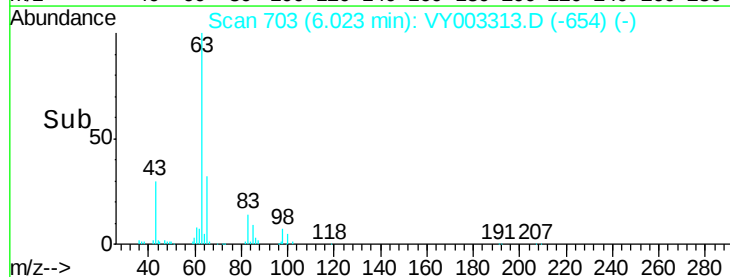
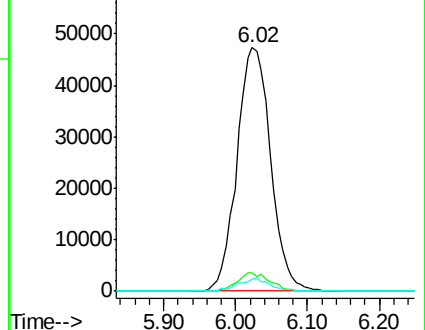
100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 118.207 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

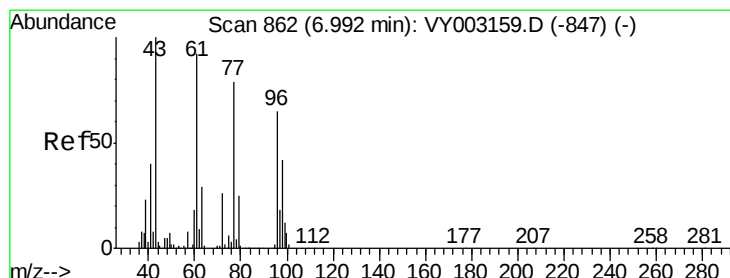
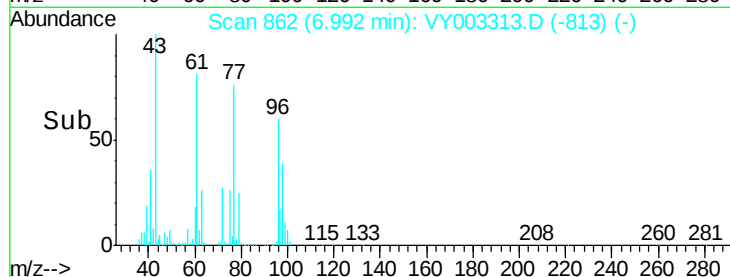
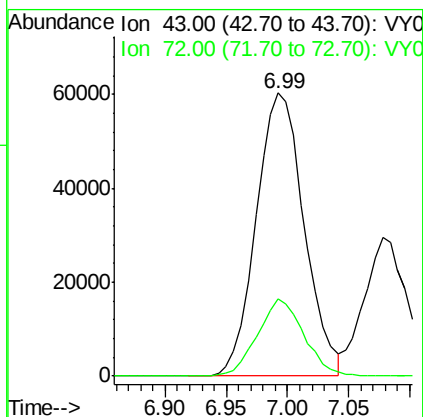
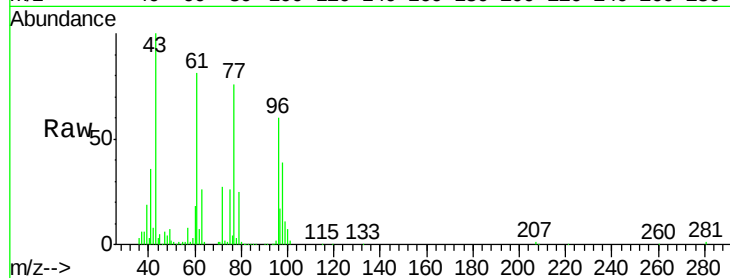
VY0723SBS01

Tot Ion: 43 Resp: 164362

Ion Ratio Lower Upper

43 100

72 27.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 22.284 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003313.D

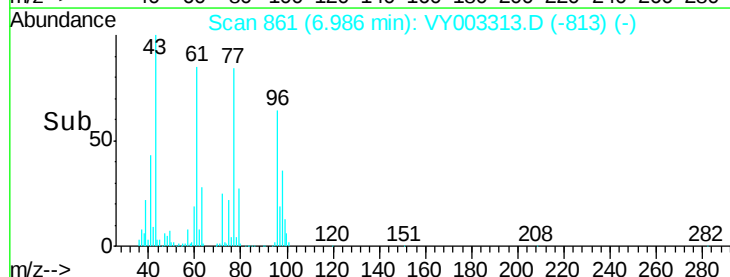
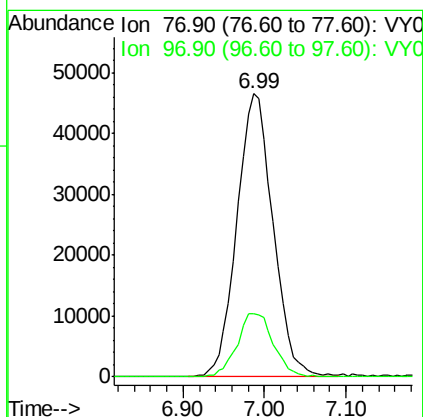
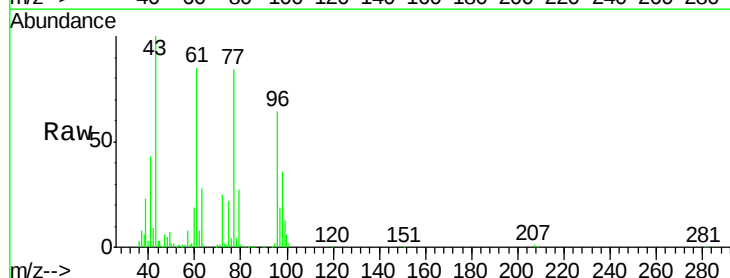
Acq: 23 Jul 2020 13:43

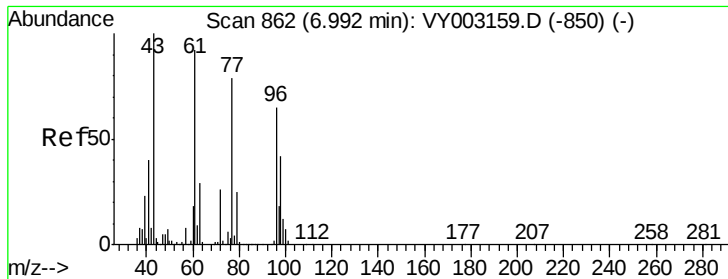
Tgt Ion: 77 Resp: 143113

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



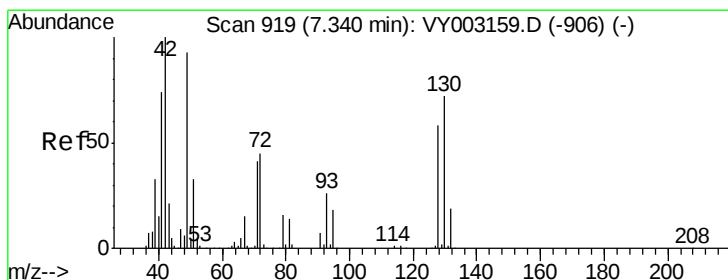
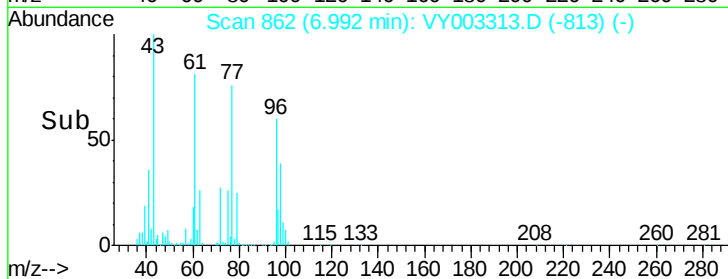
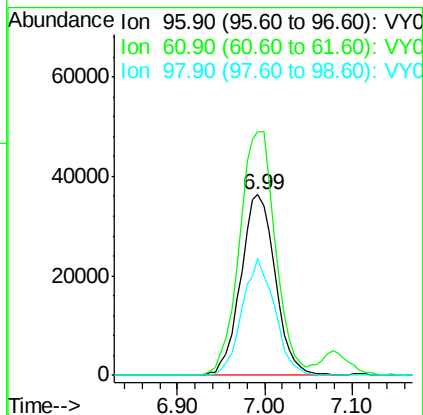
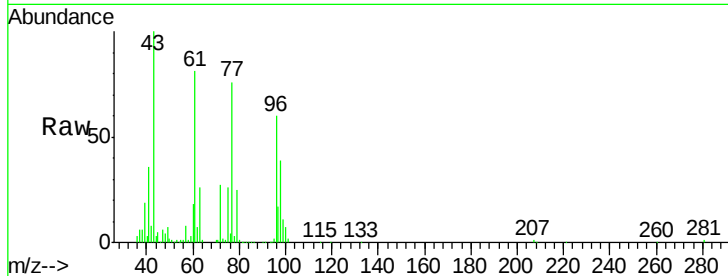


#27

cis-1,2-Dichloroethene
 Concen: 21.440 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

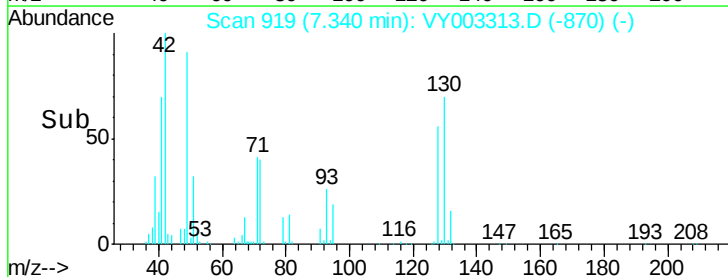
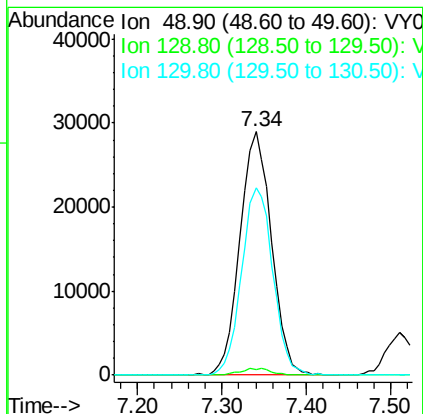
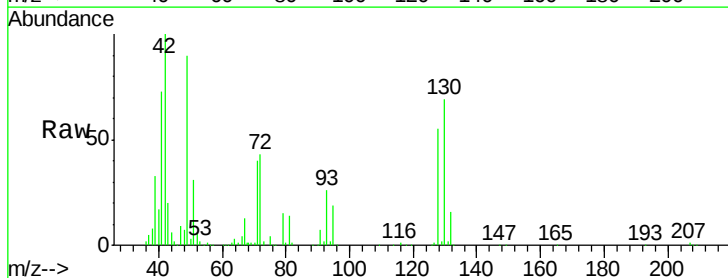
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	281.2
98	61.1	0.0	129.8

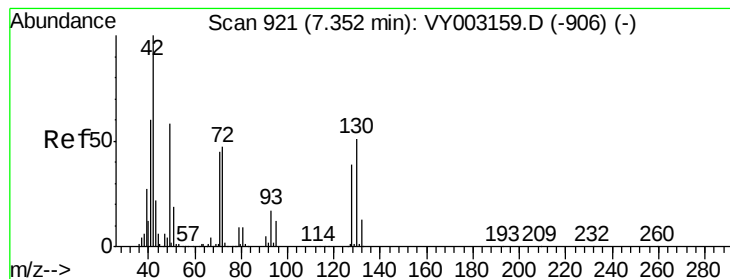


#28

Bromochloromethane
 Concen: 23.765 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	76.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 117.686 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

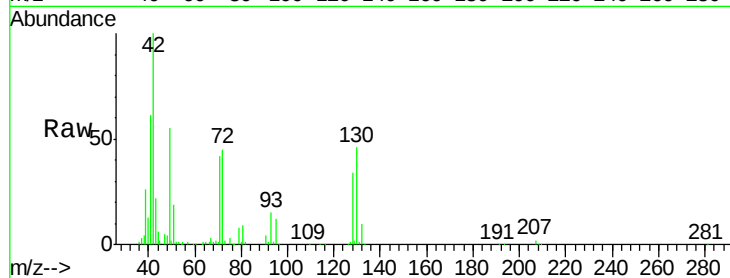
Tot Ion: 42 Resp: 109929

Ion Ratio Lower Upper

42 100

72 42.4 36.7 55.1

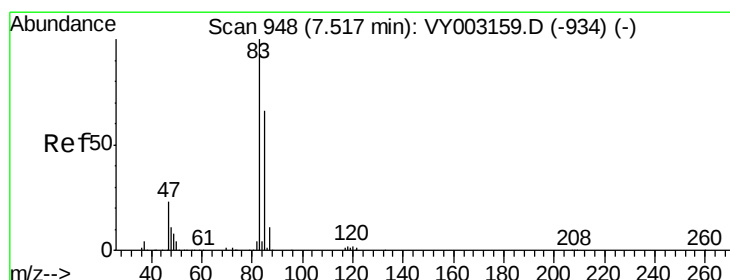
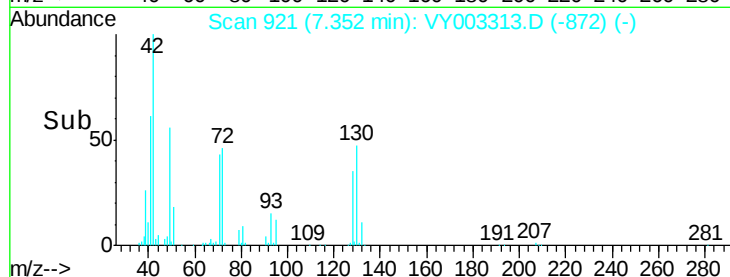
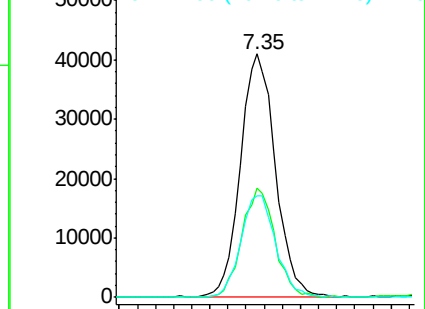
71 41.7 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.836 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003313.D

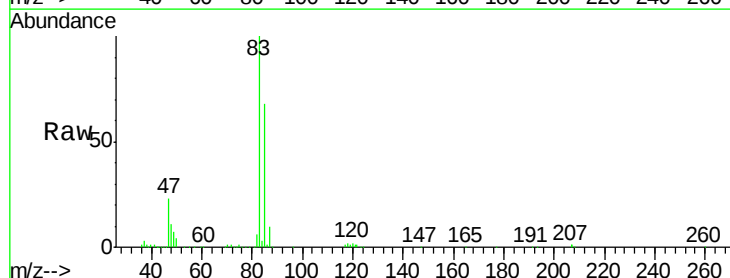
Acq: 23 Jul 2020 13:43

Tgt Ion: 83 Resp: 153038

Ion Ratio Lower Upper

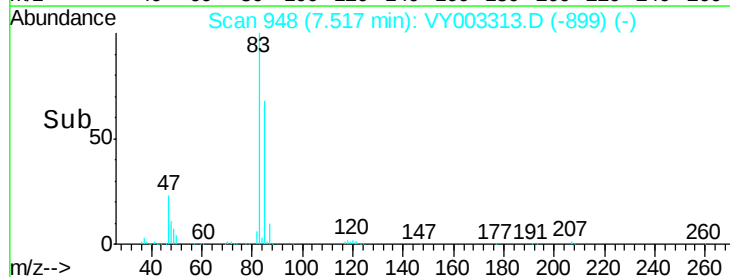
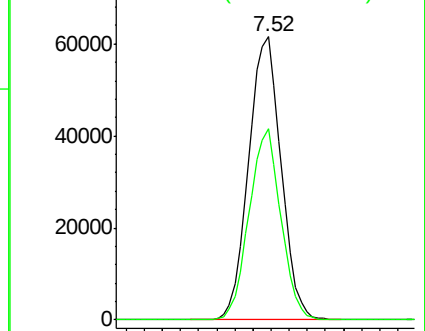
83 100

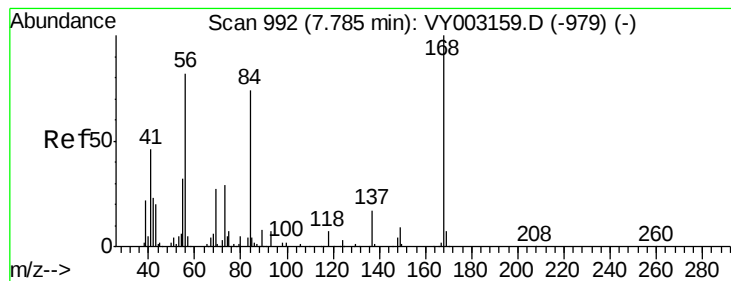
85 67.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.596 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

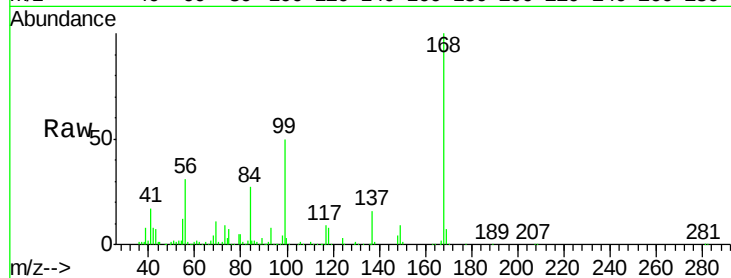
Tot Ion: 56 Resp: 148922

Ion Ratio Lower Upper

56 100

69 35.1 26.7 40.1

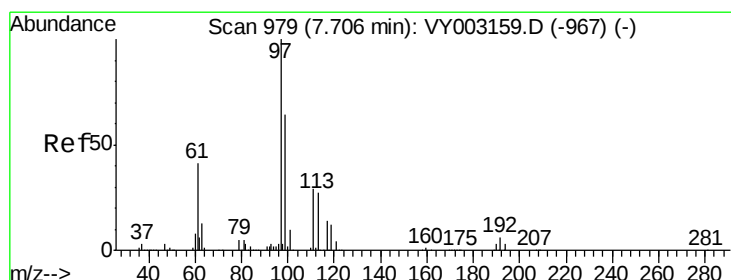
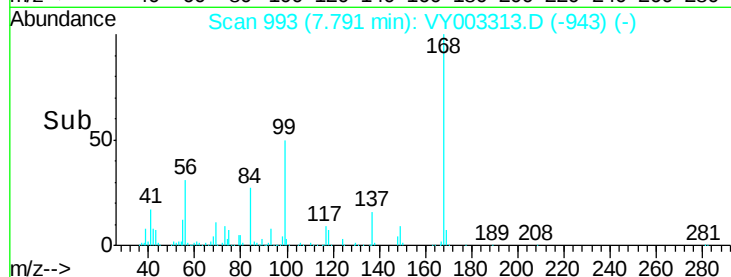
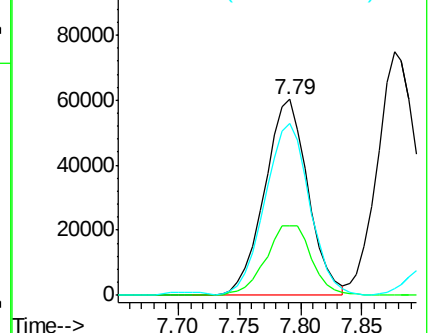
84 86.8 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.271 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

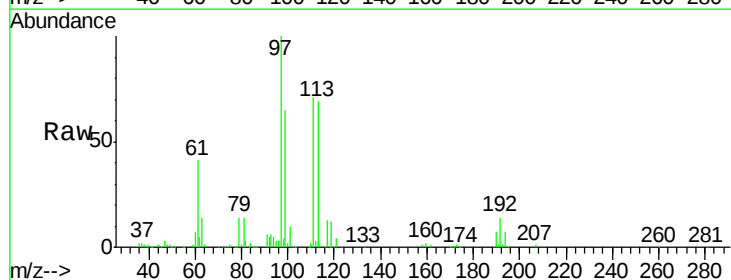
Tgt Ion: 97 Resp: 140651

Ion Ratio Lower Upper

97 100

99 65.8 52.1 78.1

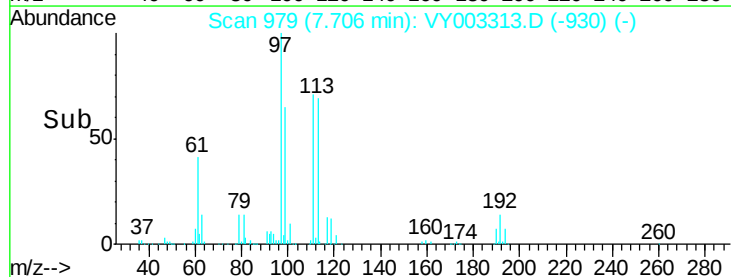
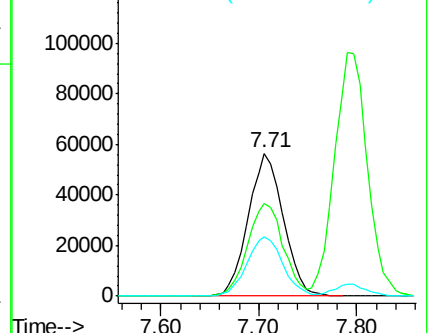
61 42.4 33.9 50.9

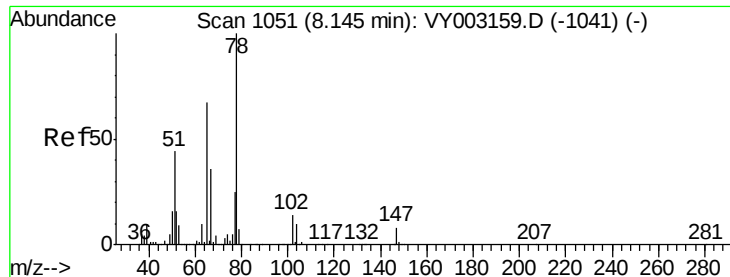


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 49.635 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

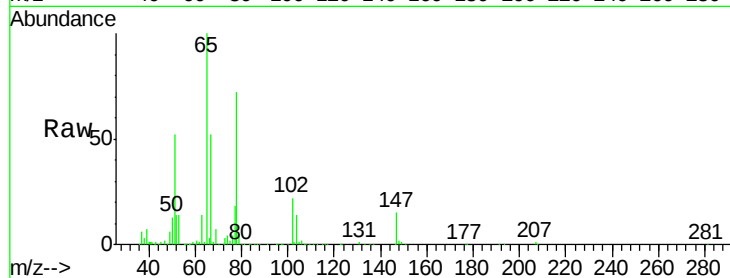
VY0723SBS01

Tot Ion: 65 Resp: 188180

Ion Ratio Lower Upper

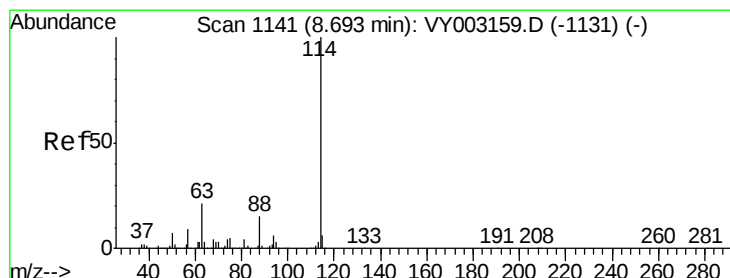
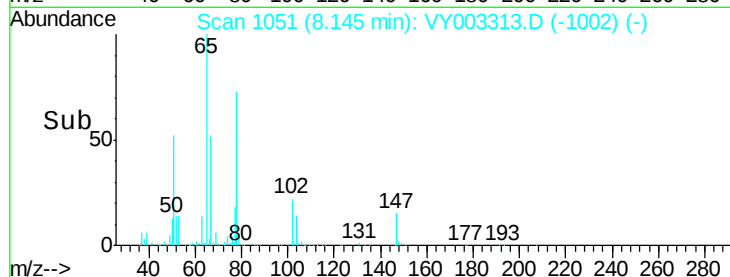
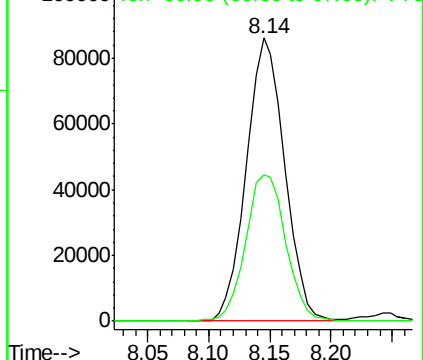
65 100

67 54.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

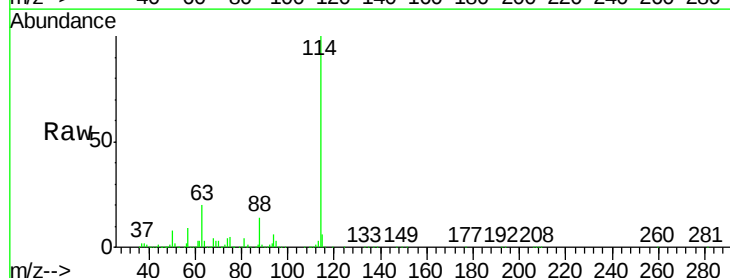
Tgt Ion: 114 Resp: 651181

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

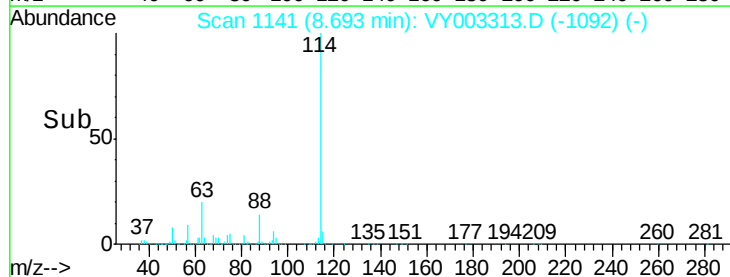
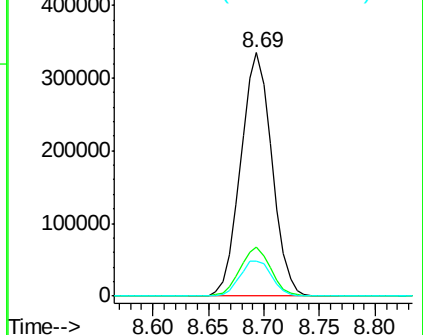
88 14.3 0.0 30.2

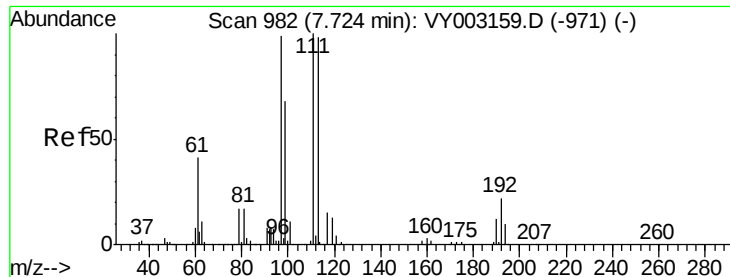


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

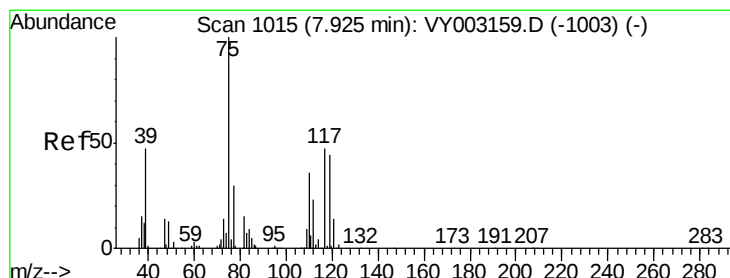
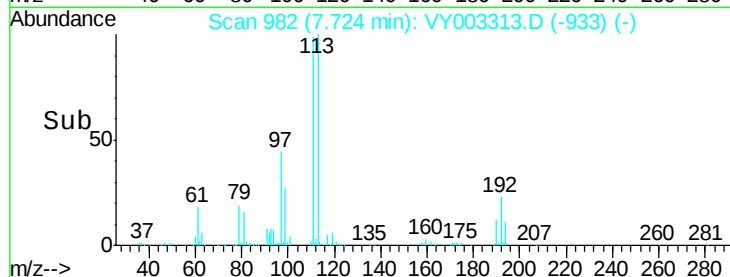
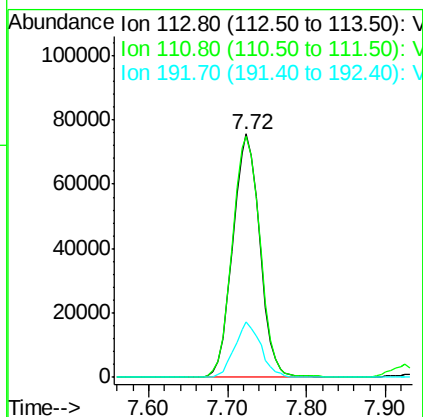
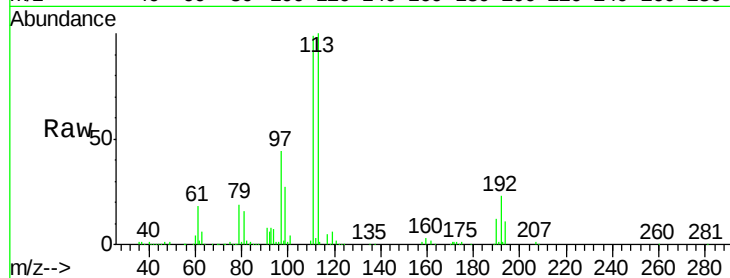




#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

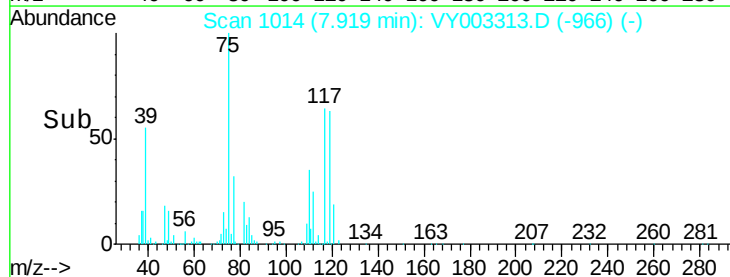
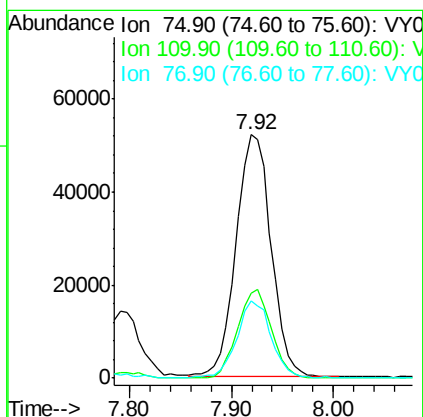
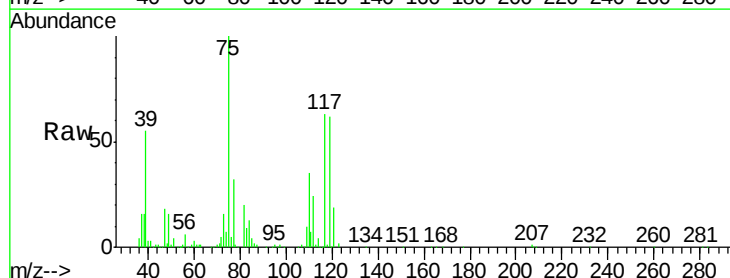
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

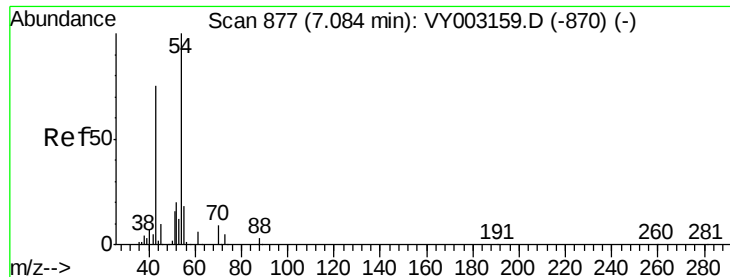
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.4	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 21.052 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.1	54.1
77	31.4	24.8	37.2

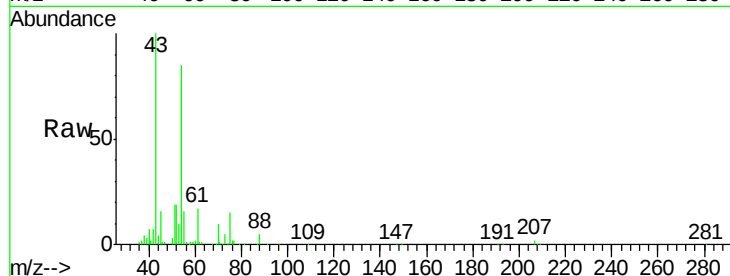




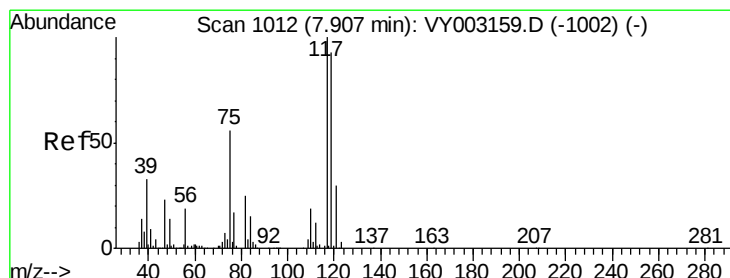
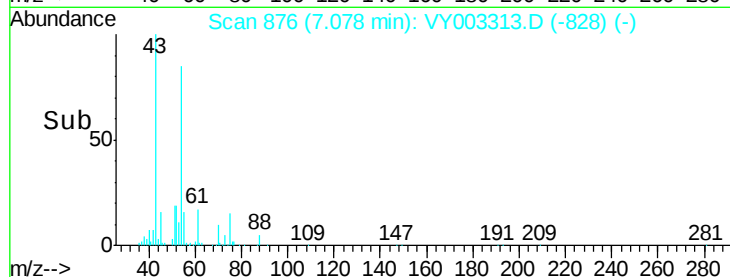
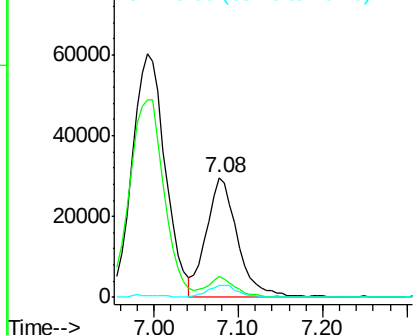
#37
Ethyl Acetate
Concen: 24.004 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 43 Resp: 76292
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.9 8.6 13.0

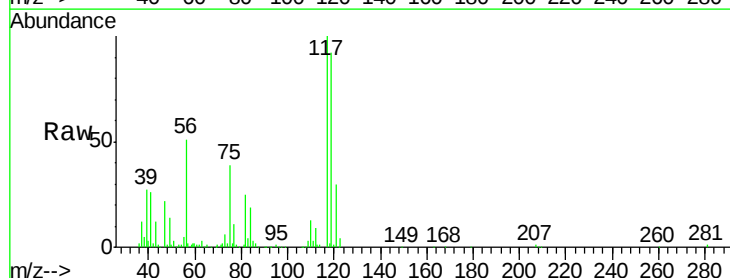


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

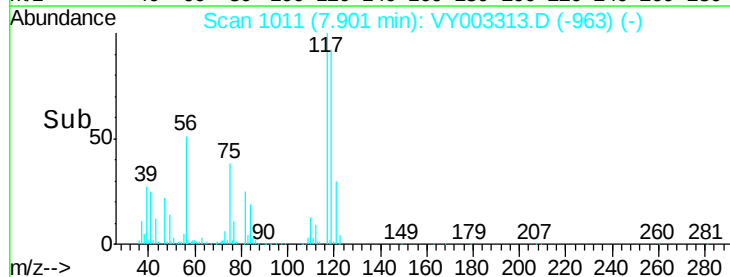
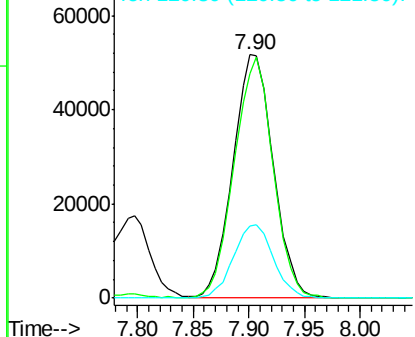


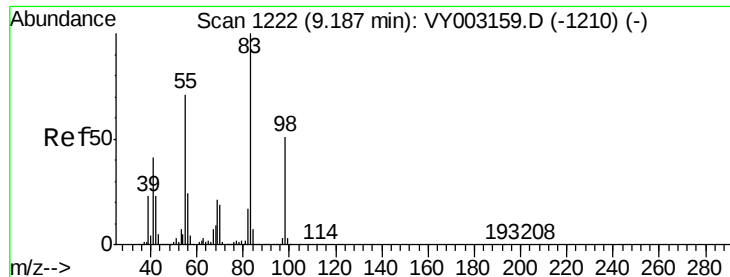
#38
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 117 Resp: 130064
Ion Ratio Lower Upper
117 100
119 92.0 74.5 111.7
121 29.6 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

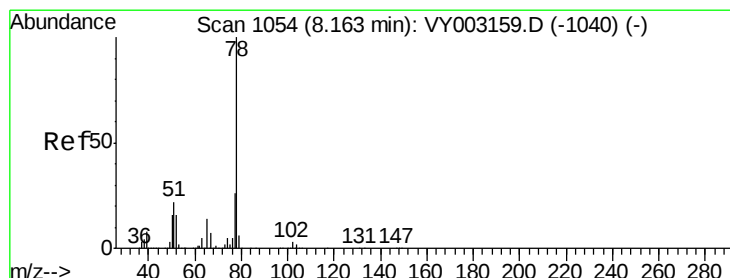
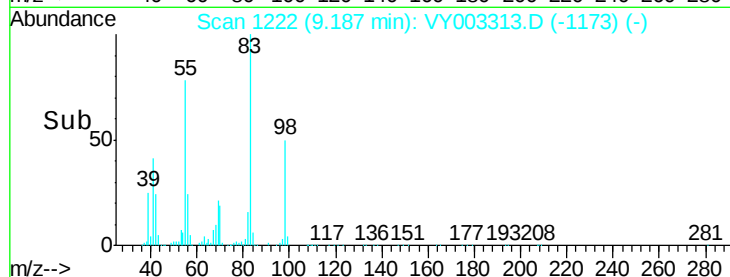
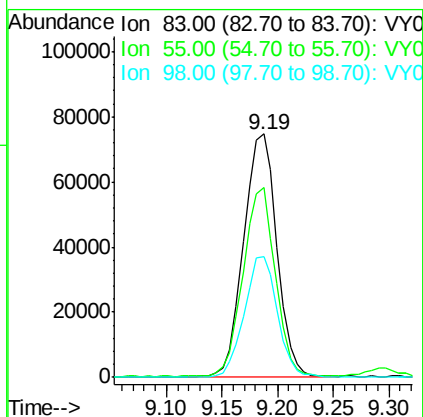
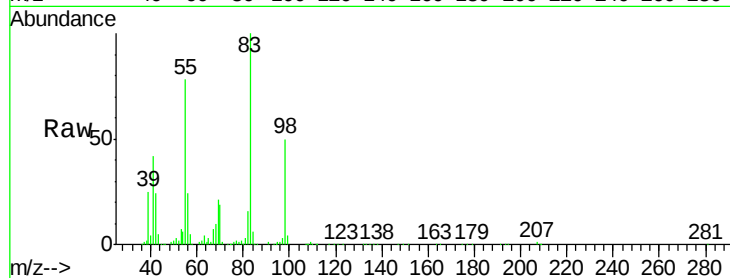




#39
Methvlcvclohexane
Concen: 21.018 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

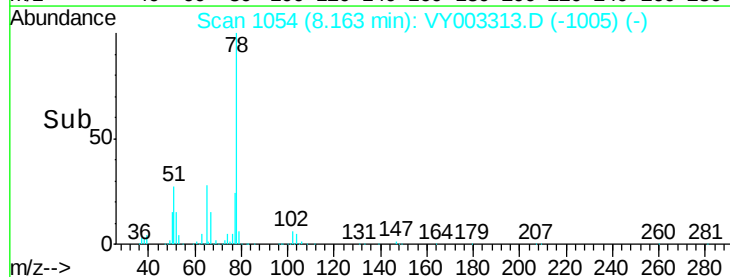
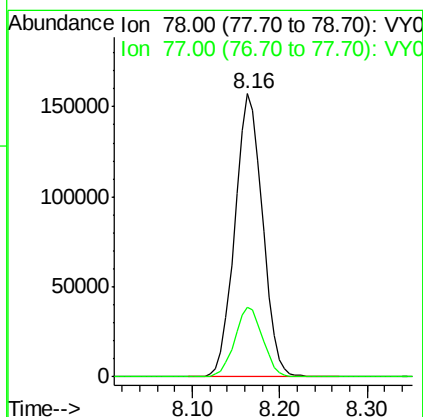
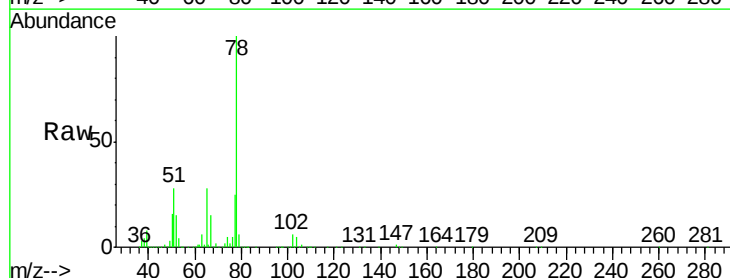
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 83 Resp: 155827
Ion Ratio Lower Upper
83 100
55 77.6 57.2 85.8
98 49.6 41.0 61.6



#40
Benzene
Concen: 21.340 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 78 Resp: 346787
Ion Ratio Lower Upper
78 100
77 24.5 20.7 31.1

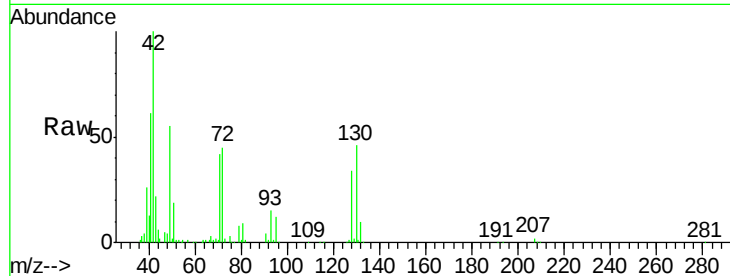




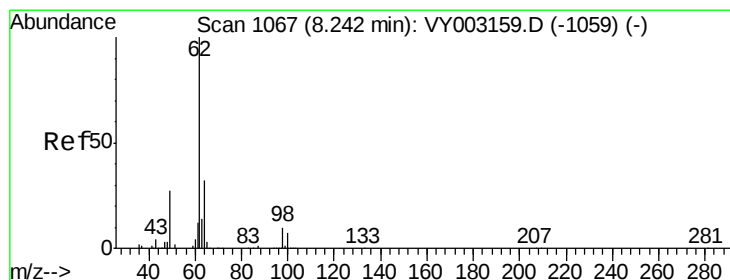
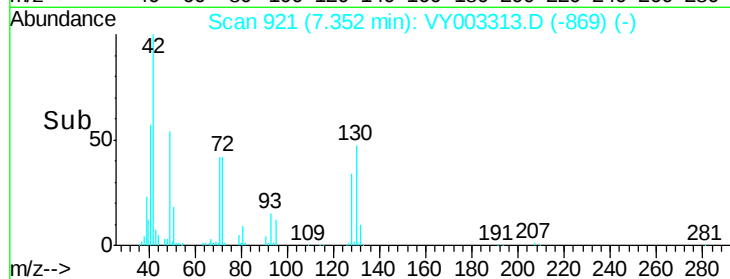
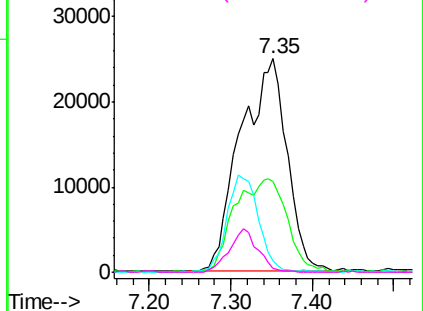
#41
Methacrylonitrile
Concen: 51.464 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 41 Resp: 98514
Ion Ratio Lower Upper
41 100
39 49.6 83.3 124.9#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

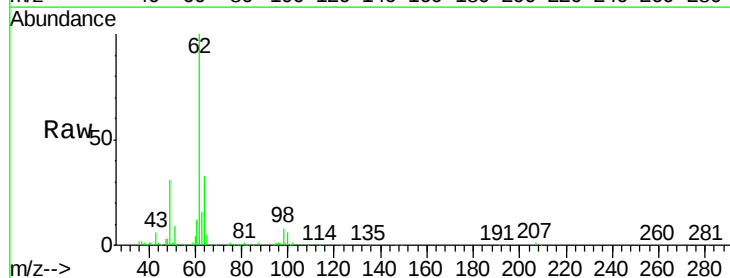


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

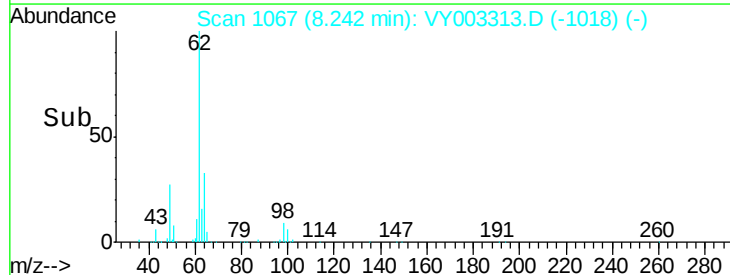
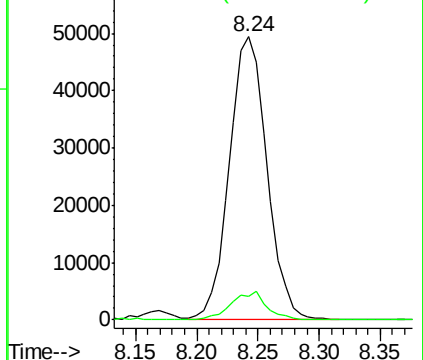


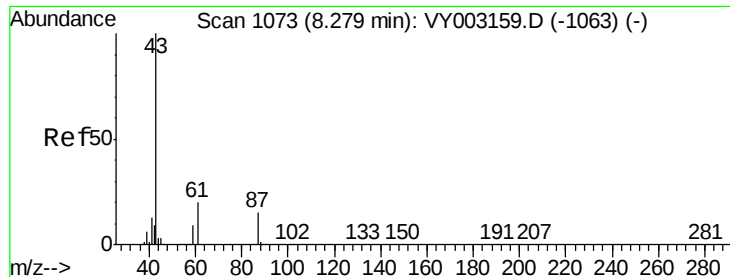
#42
1,2-Dichloroethane
Concen: 21.042 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 62 Resp: 105271
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0



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



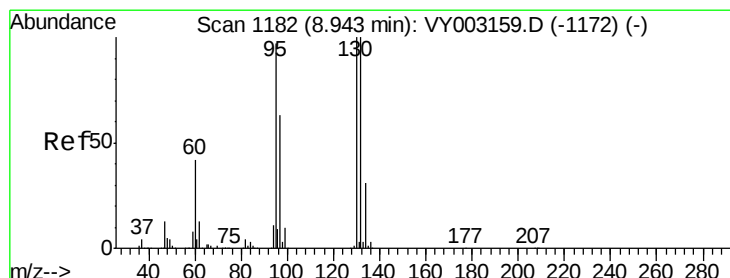
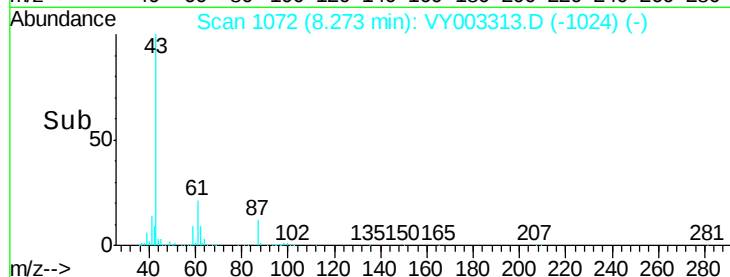
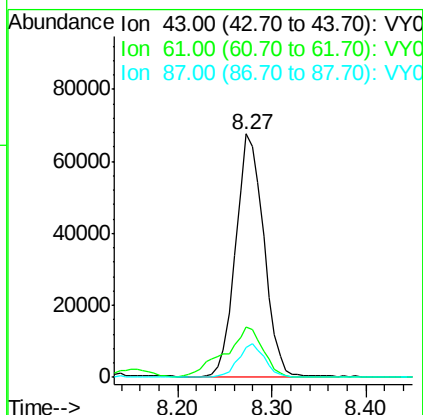
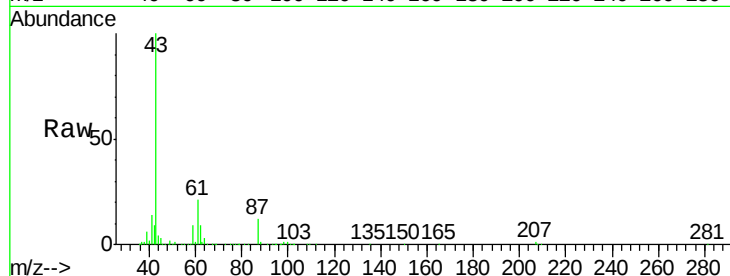


#43

Isopropyl Acetate
 Concen: 22.840 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

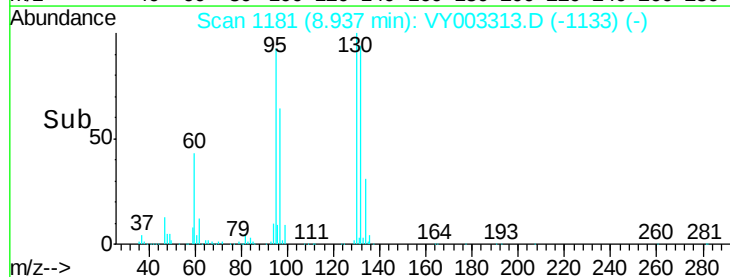
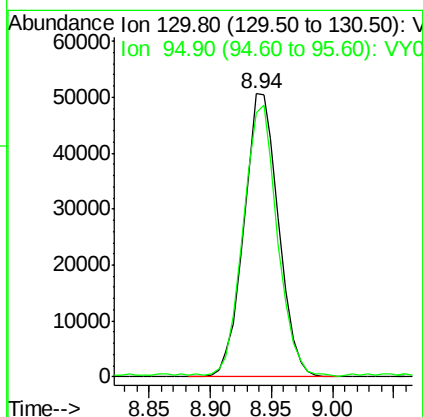
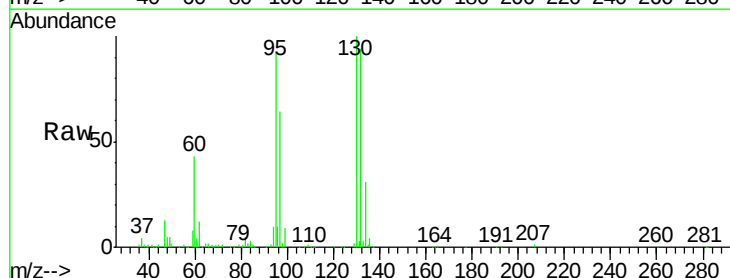
Tot Ion	43	Resp	140515
Ion Ratio	Lower	Upper	
43	100		
61	27.9	23.7	35.5
87	13.1	11.4	17.0

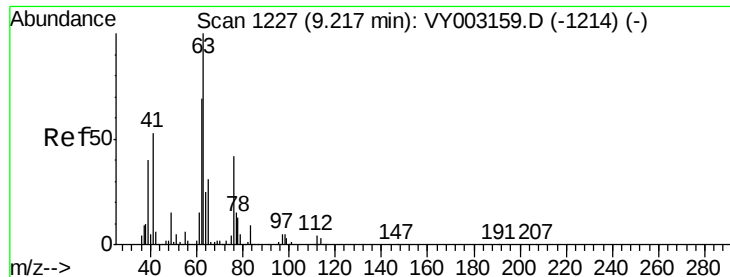


#44

Trichloroethene
 Concen: 19.966 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	130	Resp	99466
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	193.8

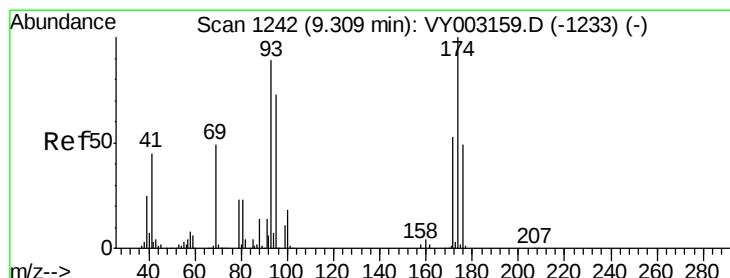
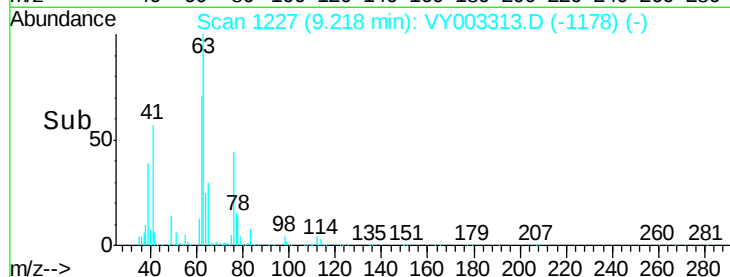
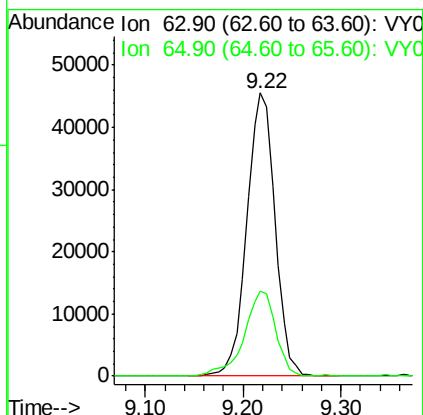
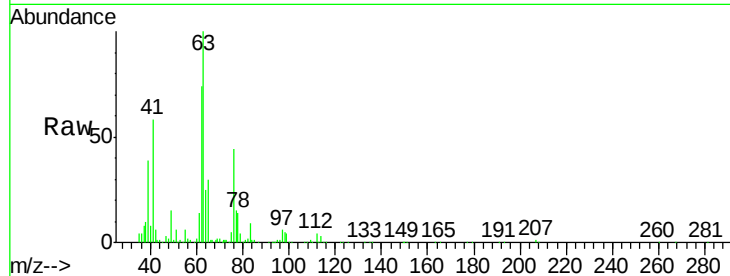




#45
 1,2-Dichloropropane
 Concen: 21.719 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

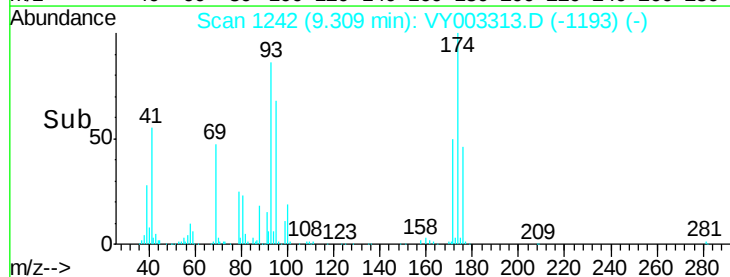
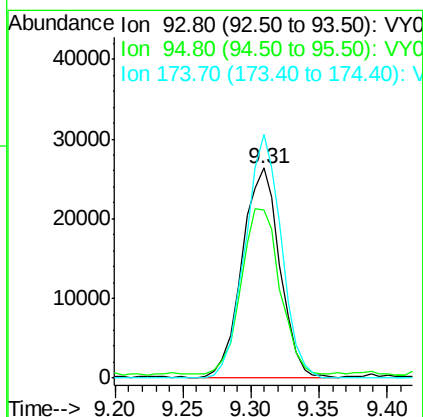
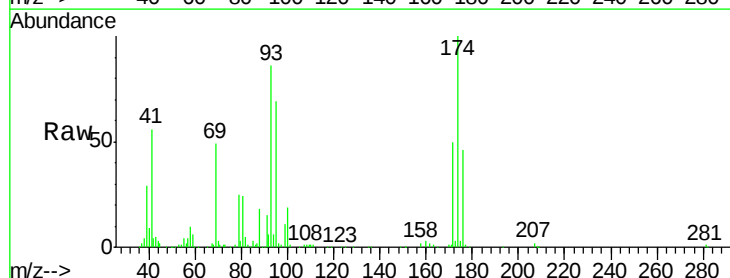
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

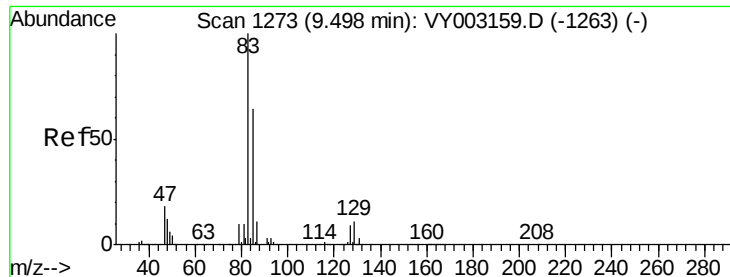
Tot Ion: 63 Resp: 91326
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.0 37.4



#46
 Dibromomethane
 Concen: 20.845 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 93 Resp: 51195
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.6 99.8
 174 111.2 90.2 135.4





#47

Bromodichloromethane

Concen: 21.224 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

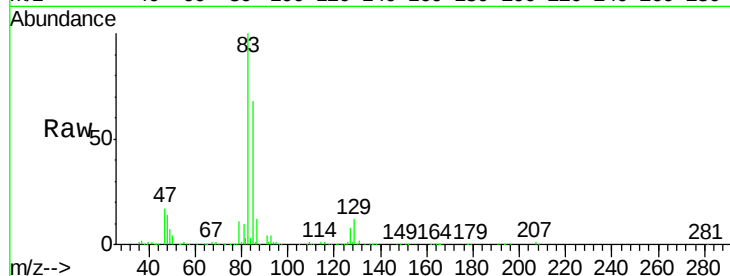
Tot Ion: 83 Resp: 123972

Ion Ratio Lower Upper

83 100

85 68.3 50.9 76.3

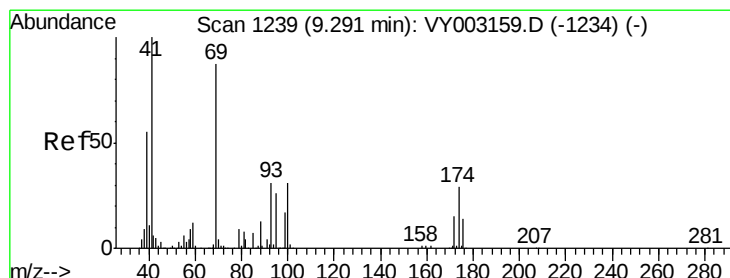
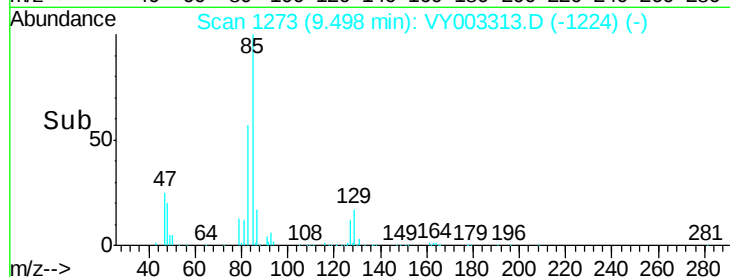
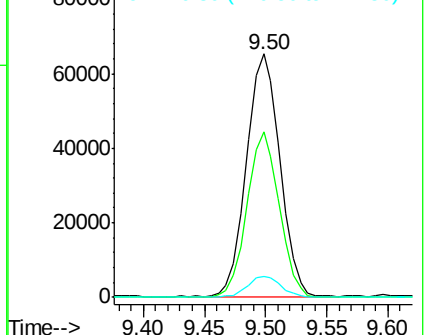
127 8.4 7.0 10.4



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: 22.449 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

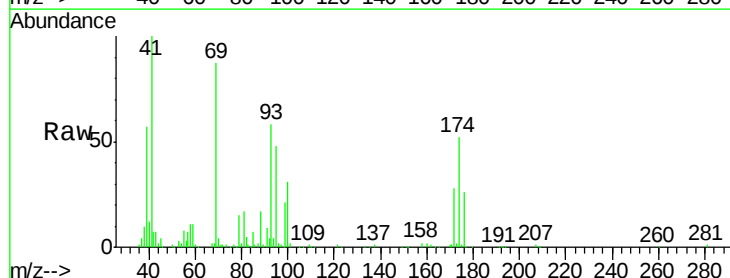
Tgt Ion: 41 Resp: 61742

Ion Ratio Lower Upper

41 100

69 90.8 74.5 111.7

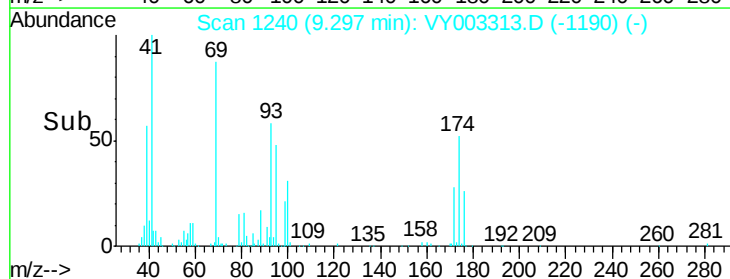
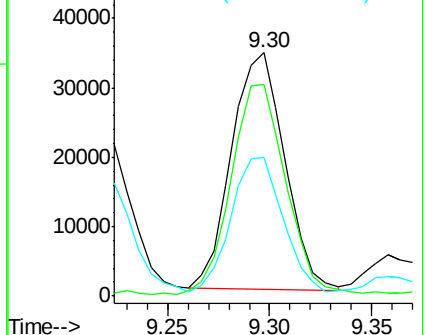
39 55.6 47.5 71.3

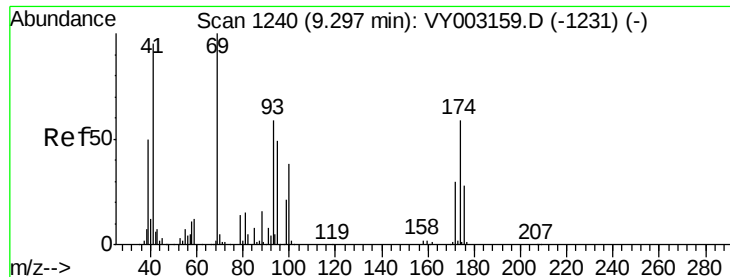


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

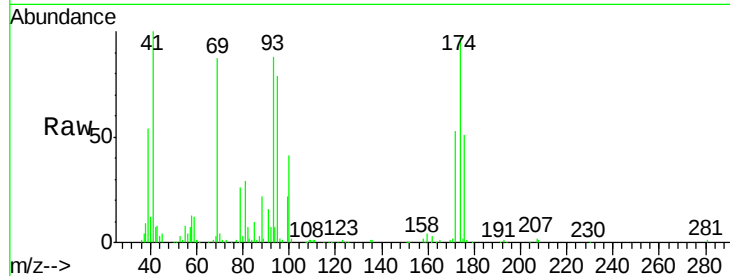




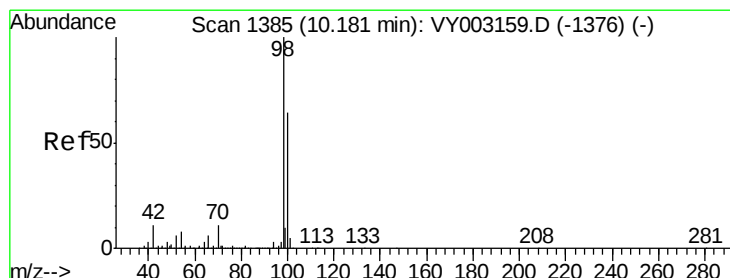
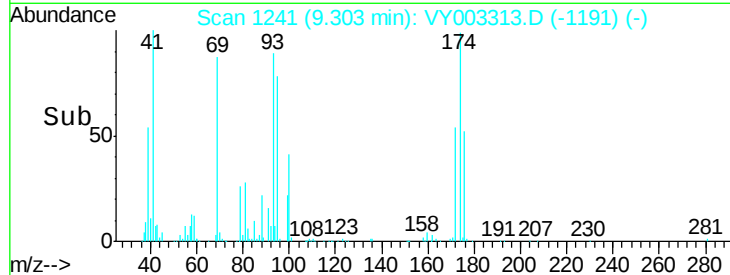
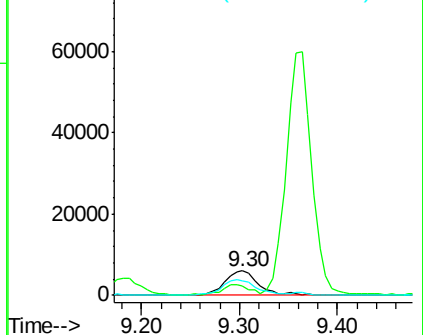
#49
1,4-Dioxane
Concen: 469.330 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 88 Resp: 14629
Ion Ratio Lower Upper
88 100
43 31.0 25.6 38.4
58 63.3 47.8 71.6

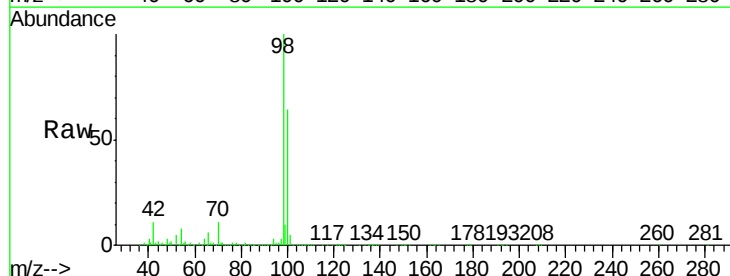


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

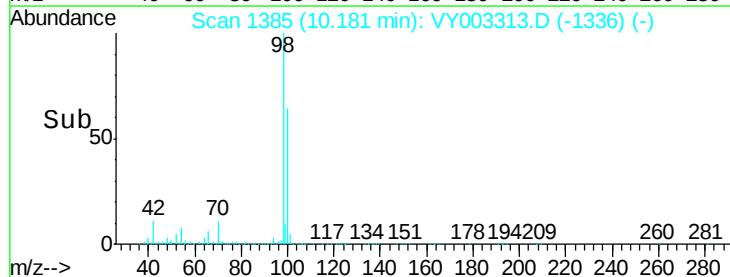
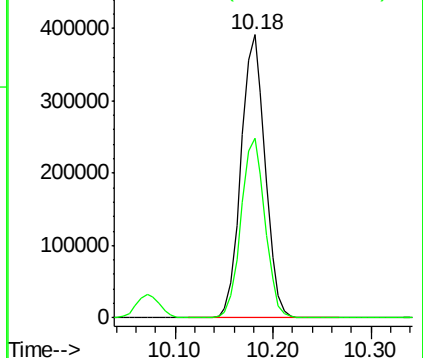


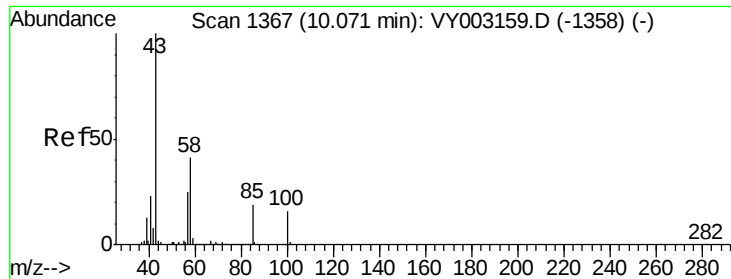
#50
Toluene-d8
Concen: 47.898 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 98 Resp: 667329
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



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

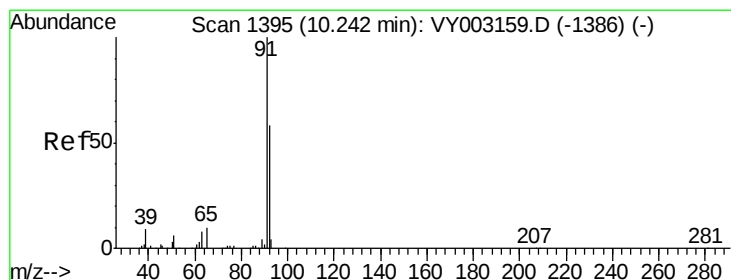
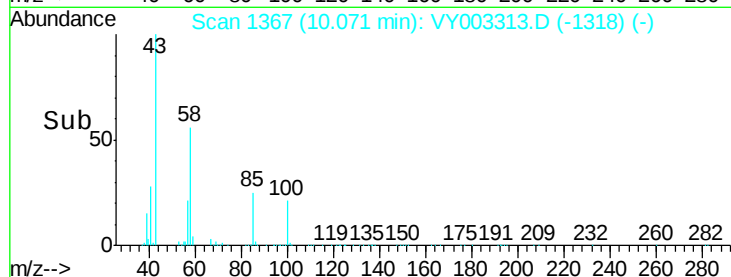
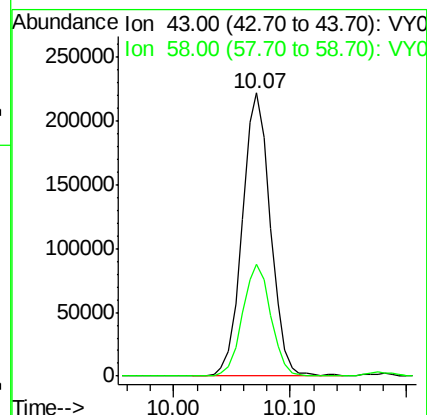
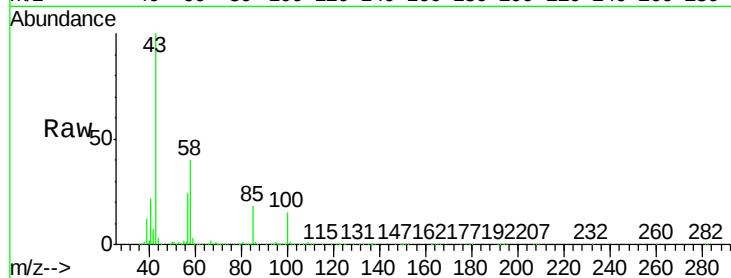




#51
4-Methyl-2-Pentanone
Concen: 116.532 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

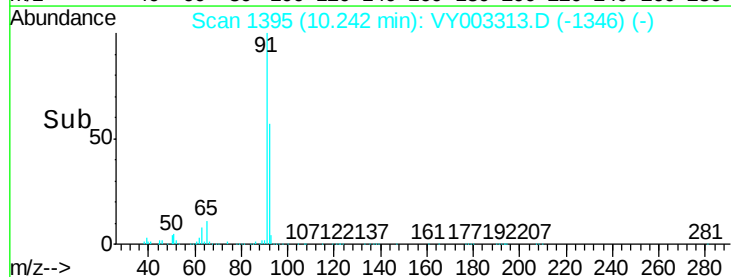
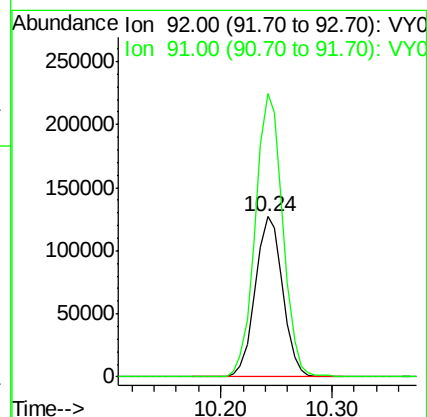
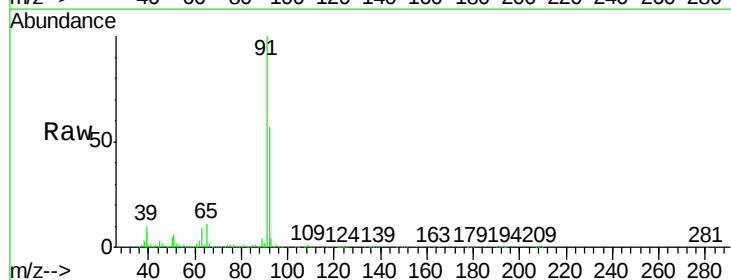
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

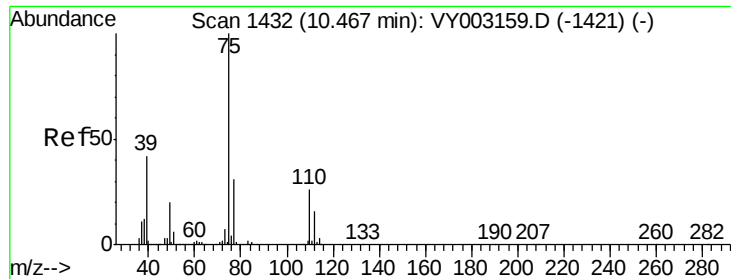
Tot Ion: 43 Resp: 372630
Ion Ratio Lower Upper
43 100
58 39.8 32.7 49.1



#52
Toluene
Concen: 20.981 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 92 Resp: 217925
Ion Ratio Lower Upper
92 100
91 175.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.879 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

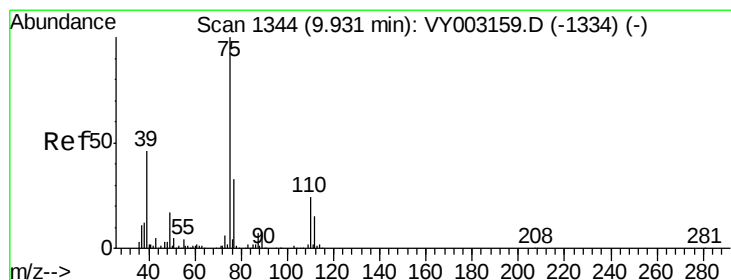
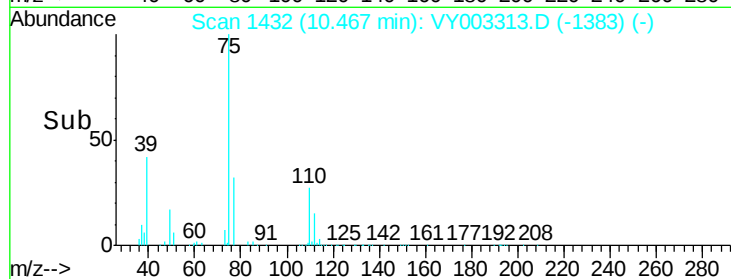
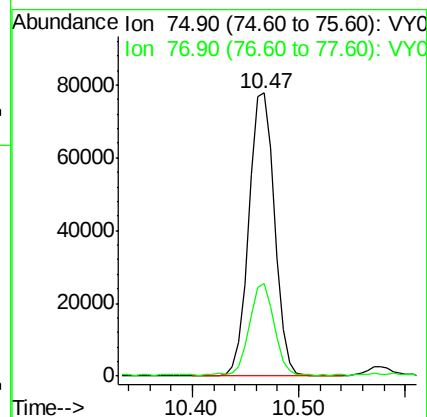
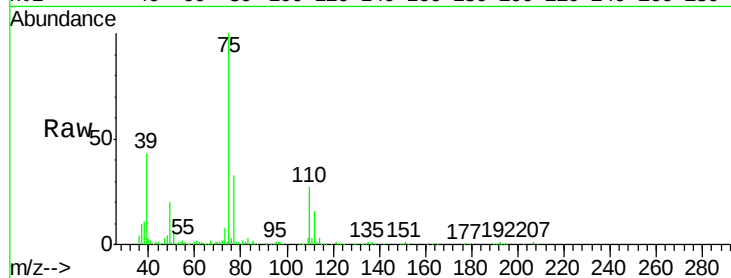
VY0723SBS01

Tot Ion: 75 Resp: 132409

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.190 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

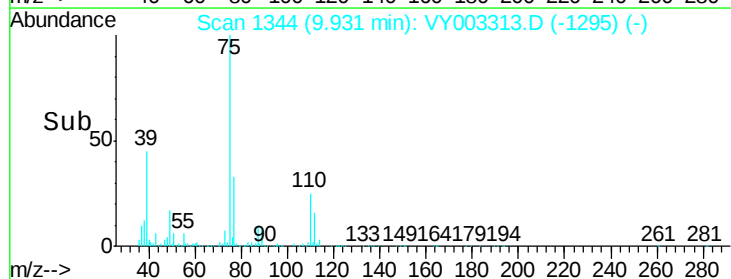
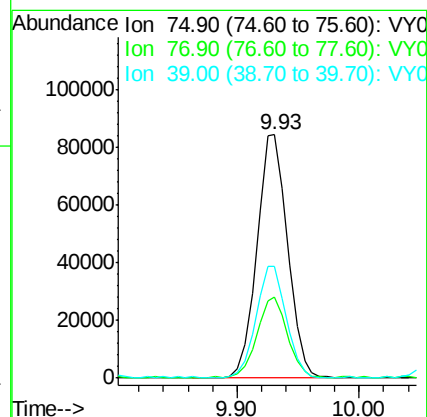
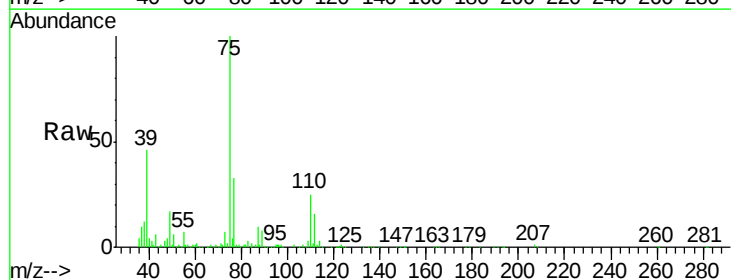
Tgt Ion: 75 Resp: 147759

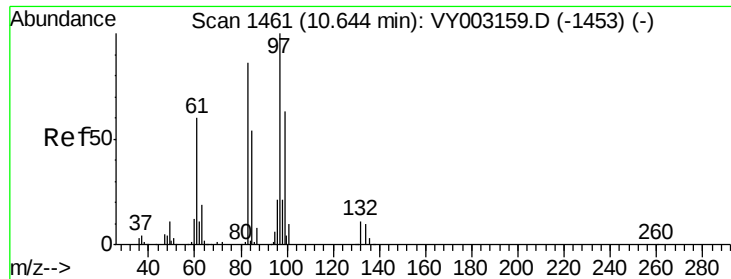
Ion Ratio Lower Upper

75 100

77 33.0 26.7 40.1

39 45.3 37.0 55.6

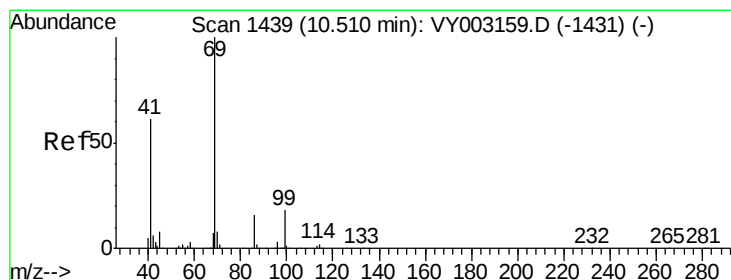
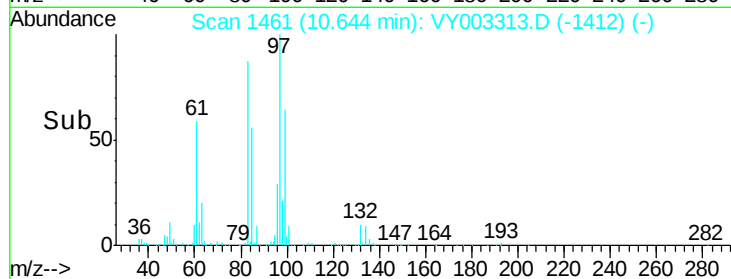
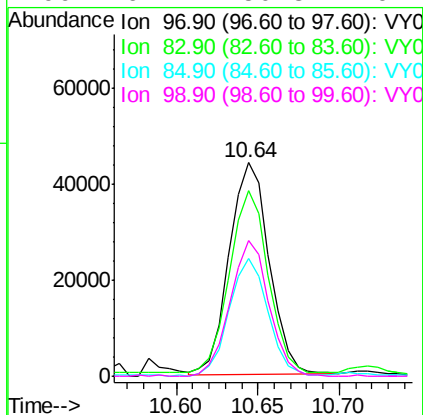
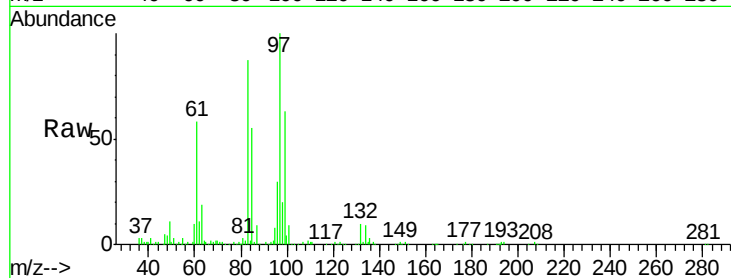




#55
 1,1,2-Trichloroethane
 Concen: 21.586 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

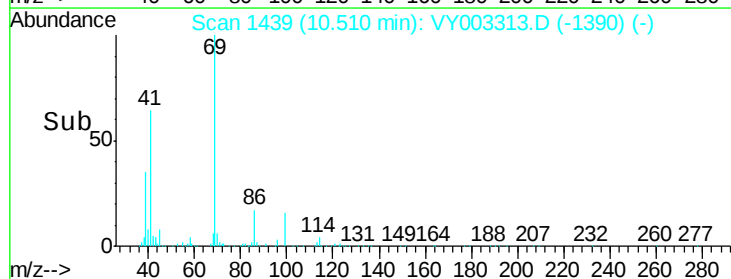
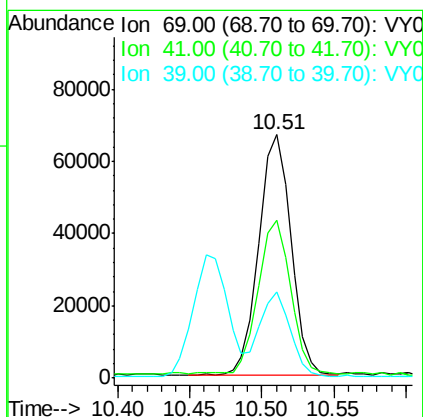
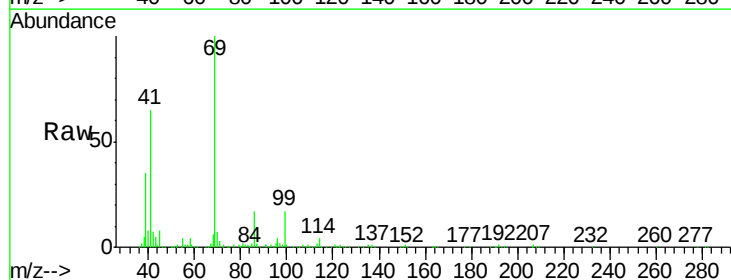
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

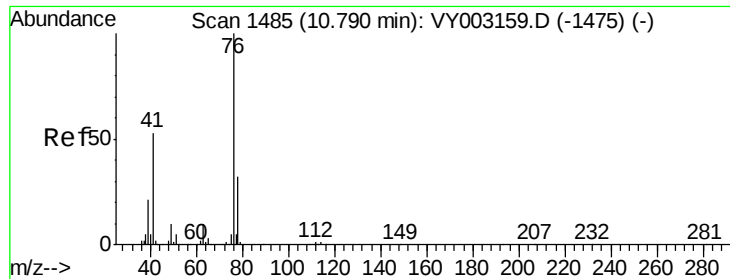
Tot Ion:	97	Resp:	75123
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.8	103.2
85	55.7	43.1	64.7
99	64.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.875 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion:	69	Resp:	103499
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	34.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.821 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

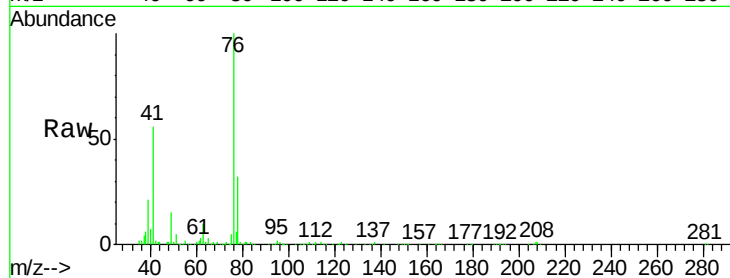
VY0723SBS01

Tot Ion: 76 Resp: 128760

Ion Ratio Lower Upper

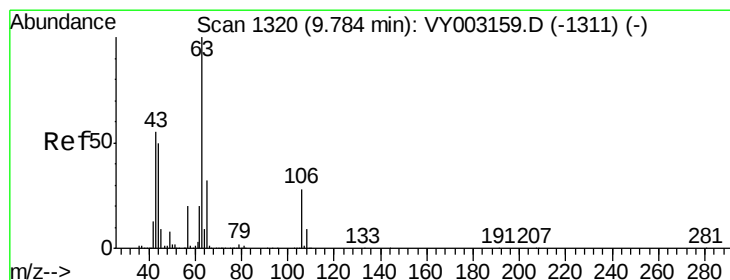
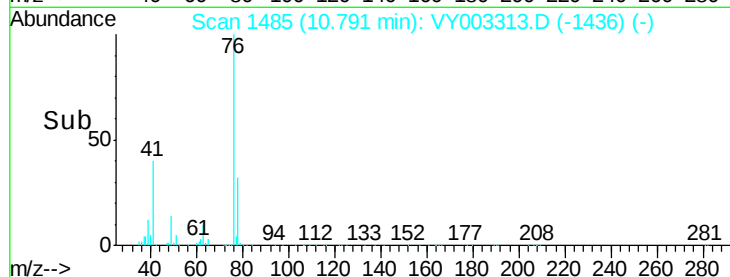
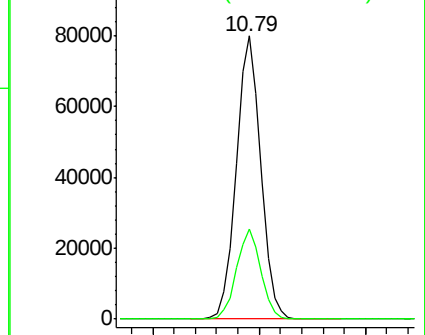
76 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 116.094 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003313.D

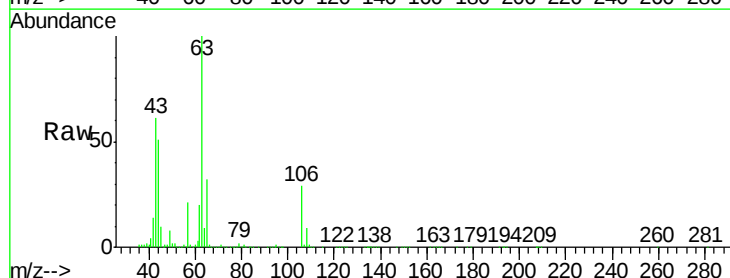
Acq: 23 Jul 2020 13:43

Tgt Ion: 63 Resp: 280137

Ion Ratio Lower Upper

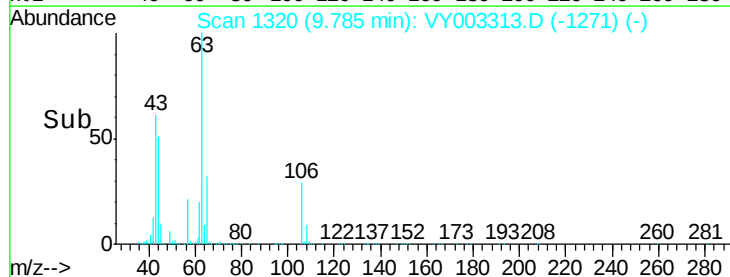
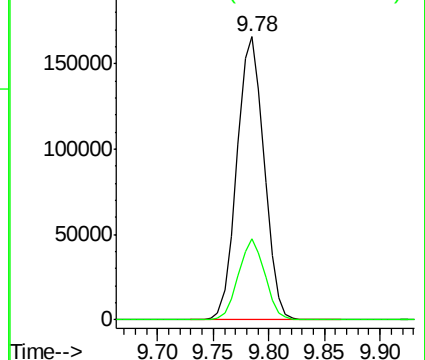
63 100

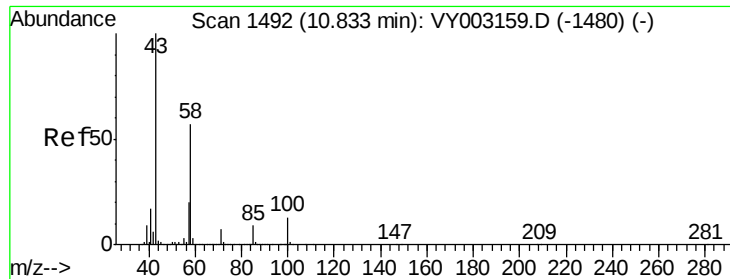
106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

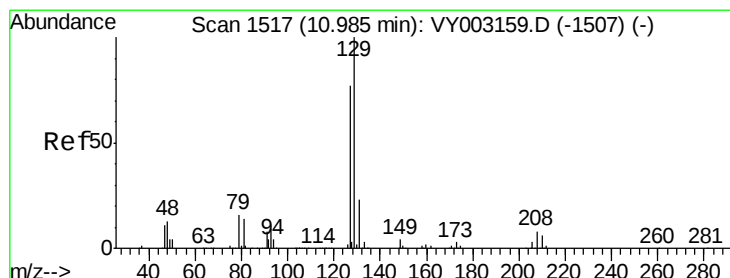
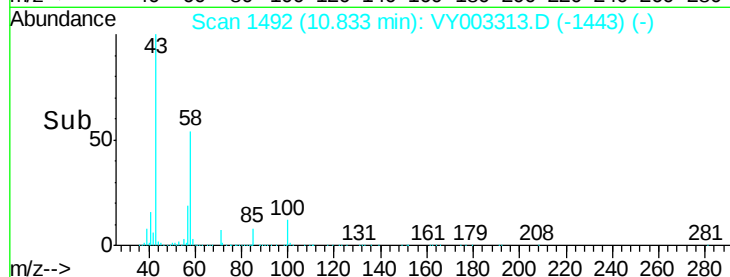
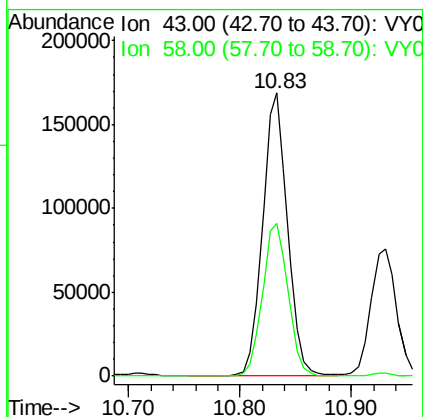
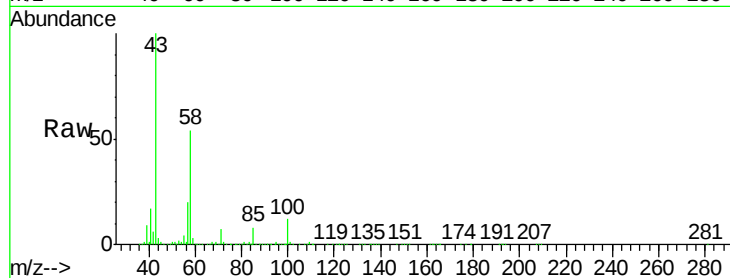




#59
2-Hexanone
Concen: 117.718 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

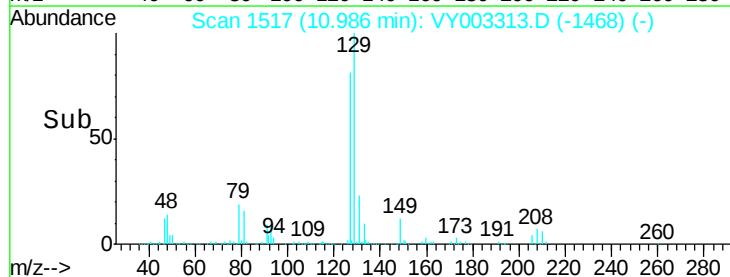
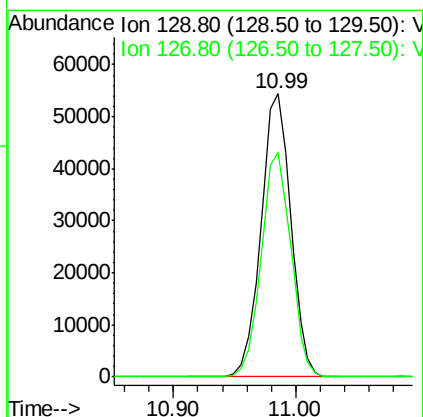
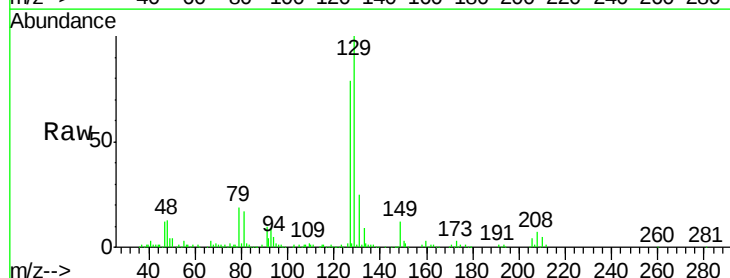
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

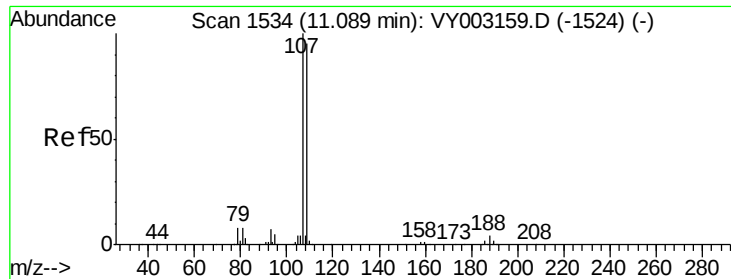
Tot Ion: 43 Resp: 262770
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0



#60
Dibromochloromethane
Concen: 21.163 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 129 Resp: 92636
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

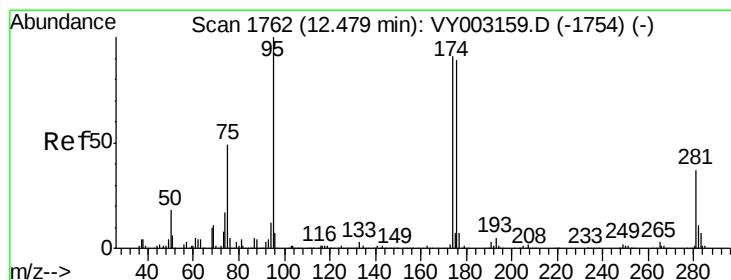
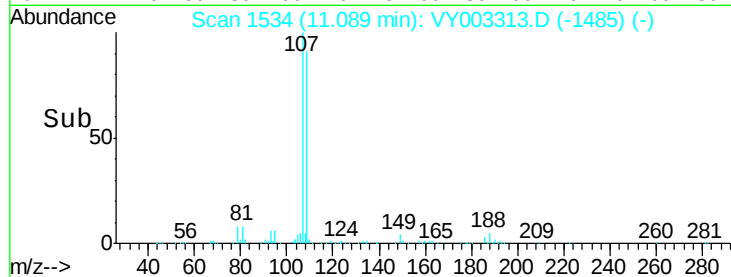
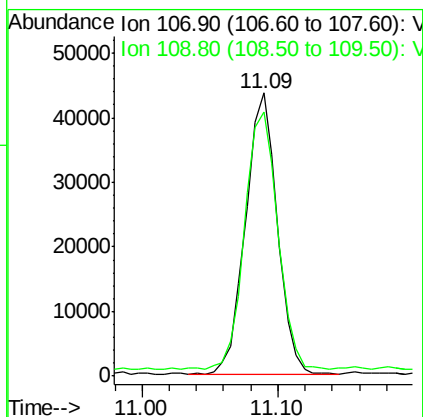
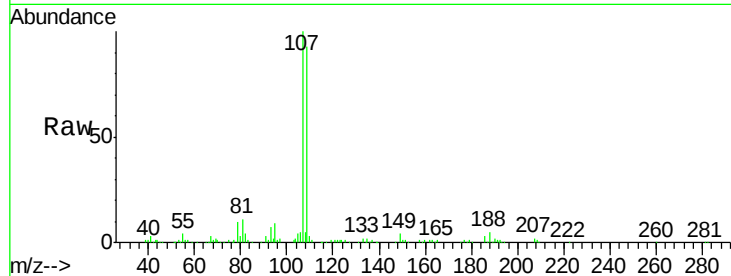




#61
 1,2-Dibromoethane
 Concen: 20.786 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

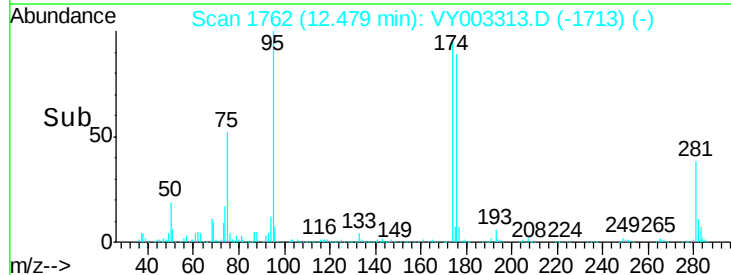
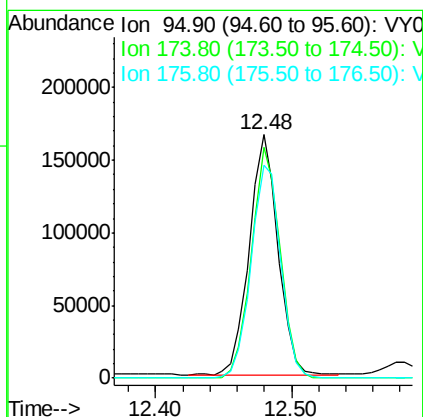
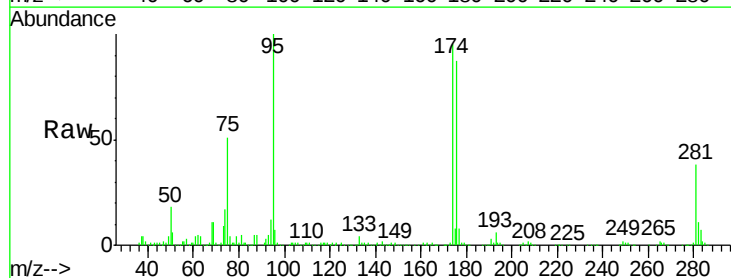
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

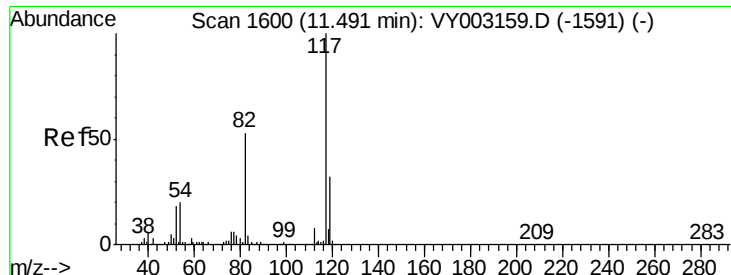
Tot Ion: 107 Resp: 71395
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.873 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 95 Resp: 245983
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 190.6
 176 91.6 0.0 186.4

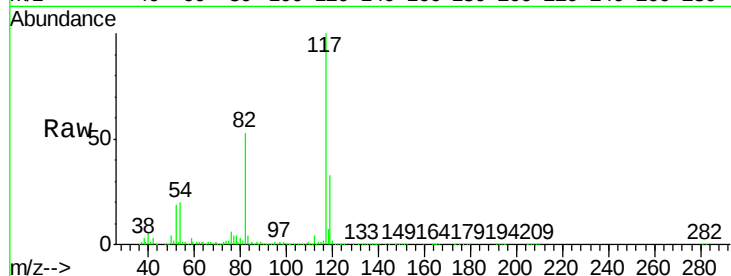




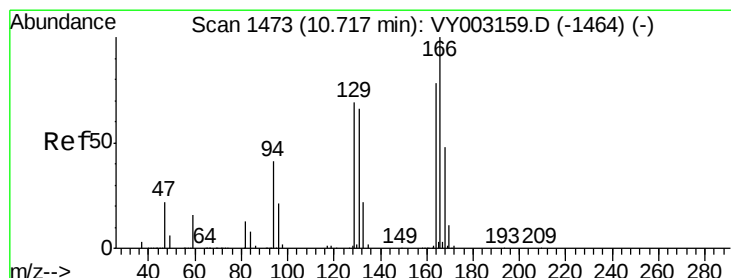
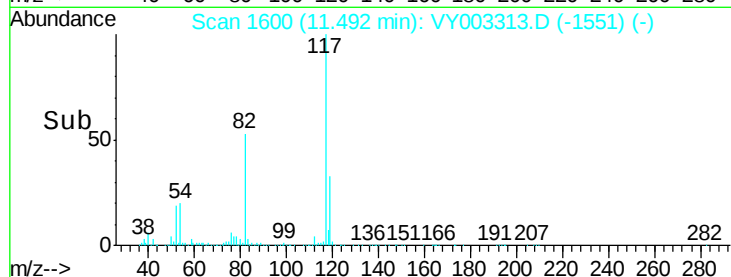
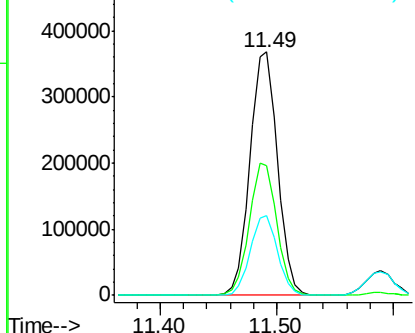
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:117 Resp: 610420
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.7 25.5 38.3

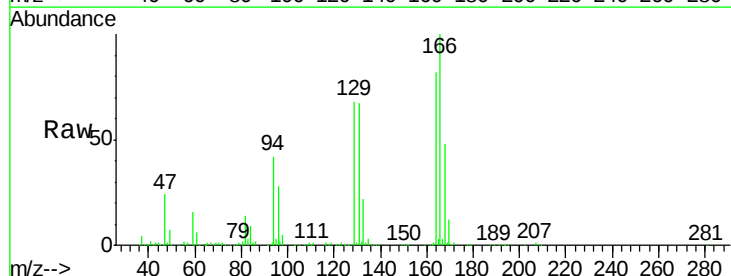


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

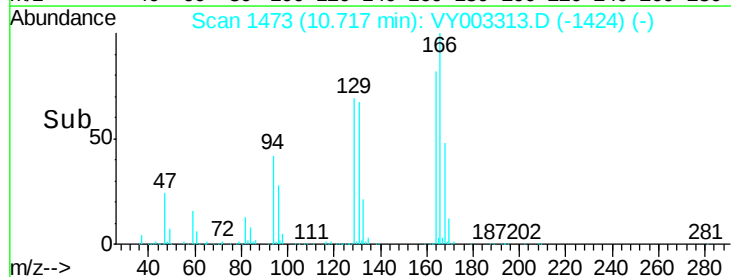
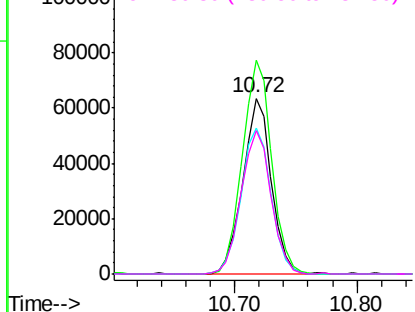


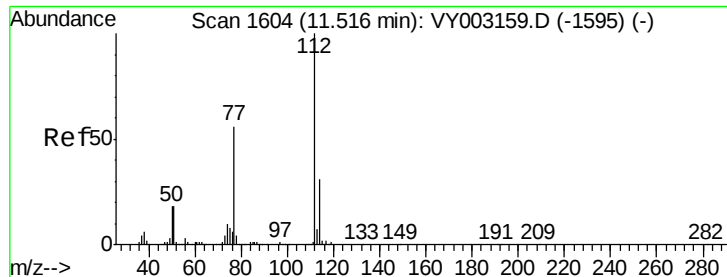
#64
Tetrachloroethene
Concen: 18.771 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion:164 Resp: 102167
Ion Ratio Lower Upper
164 100
166 121.6 102.9 154.3
129 83.3 71.4 107.2
131 81.7 68.1 102.1



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

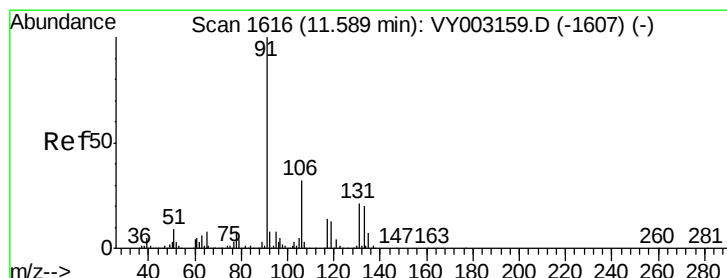
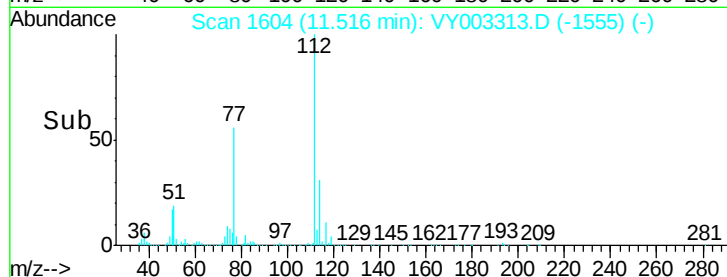
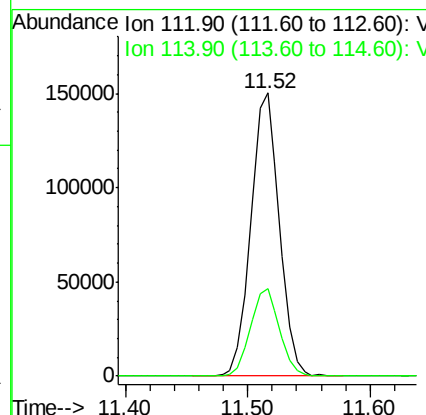
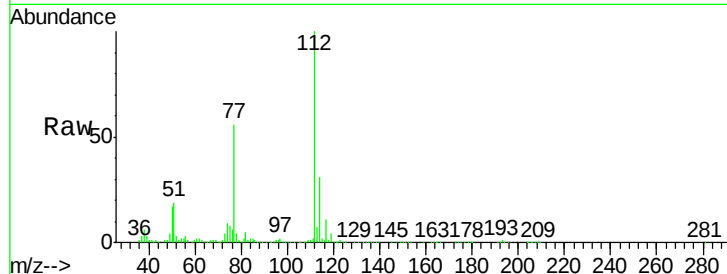




#65
Chlorobenzene
Concen: 20.668 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

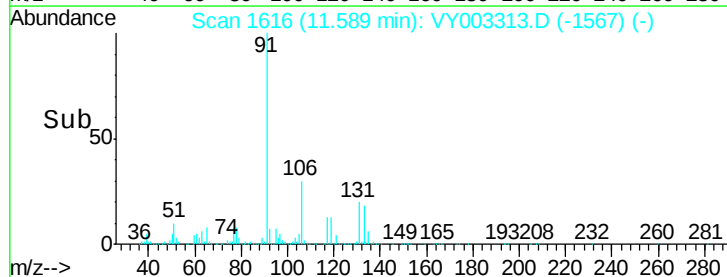
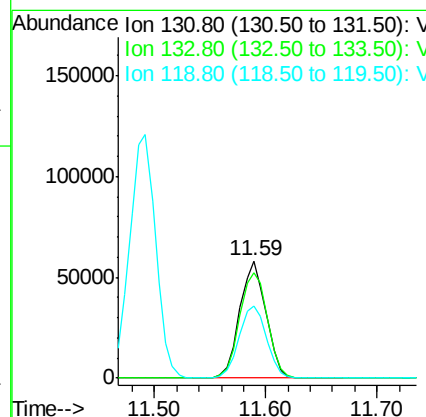
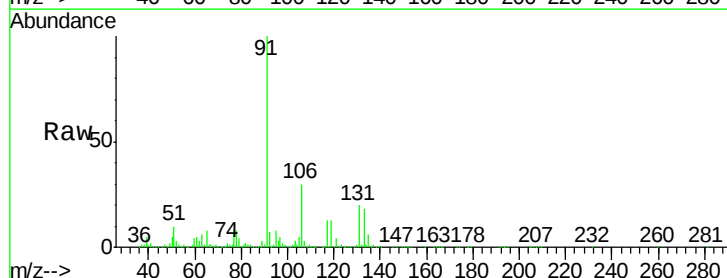
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

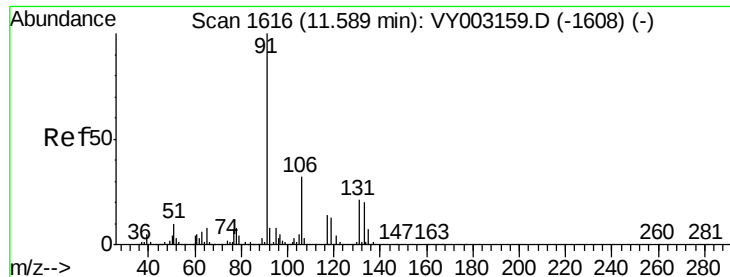
Tot Ion:112 Resp: 243047
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.663 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion:131 Resp: 94372
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 64.1 32.4 97.0

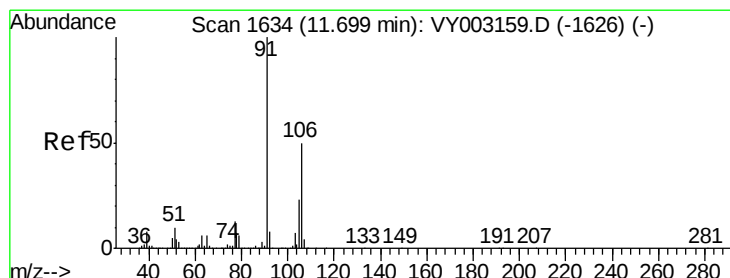
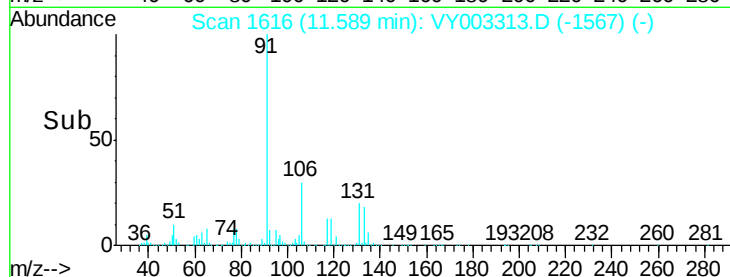
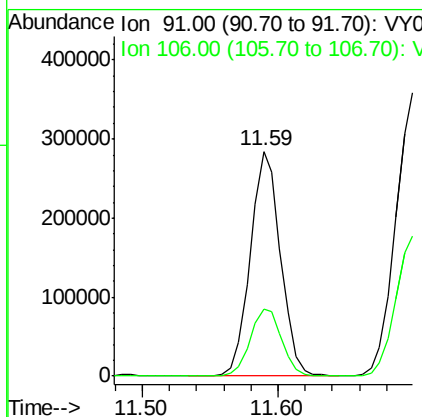
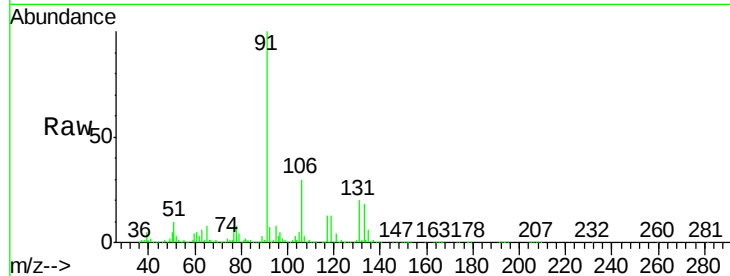




#67
Ethyl Benzene
Concen: 20.955 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

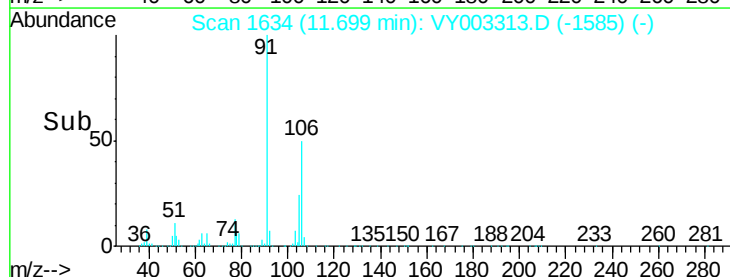
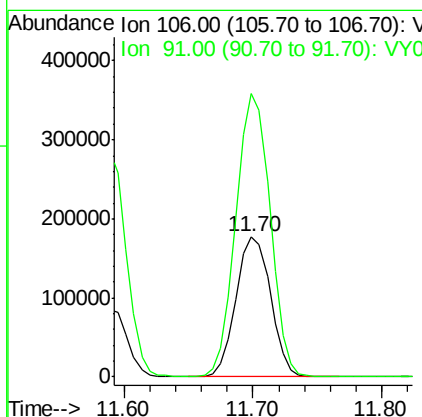
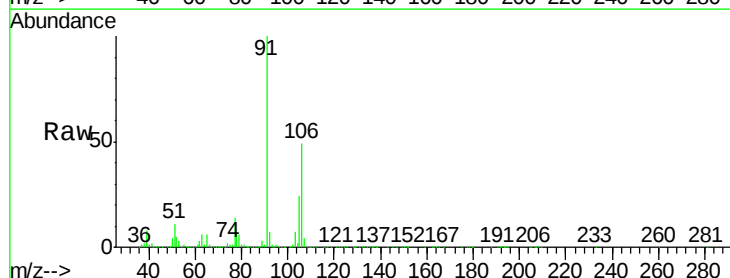
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 91 Resp: 439979
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 41.306 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 106 Resp: 329069
Ion Ratio Lower Upper
106 100
91 200.3 159.0 238.6

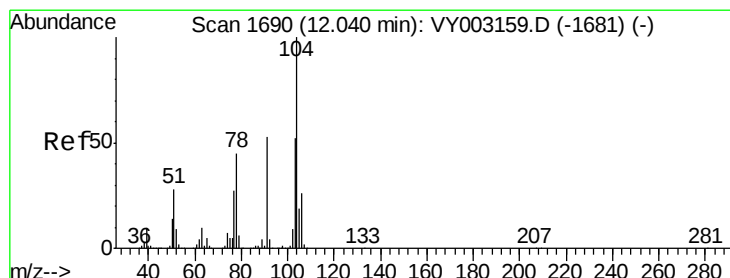
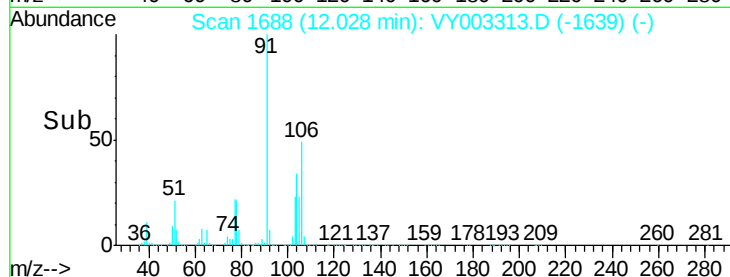
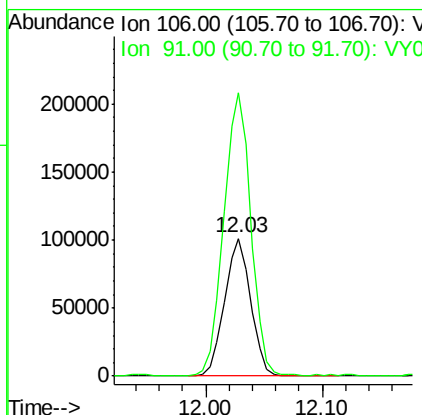
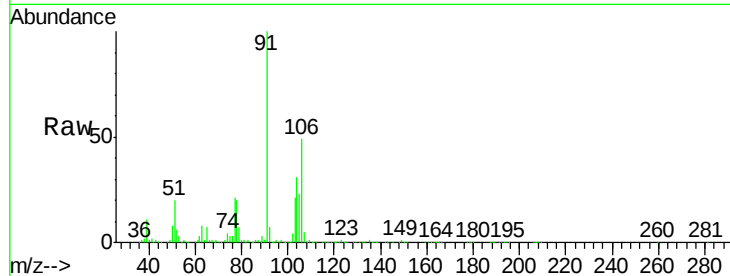




#69
o-Xylene
Concen: 21.035 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

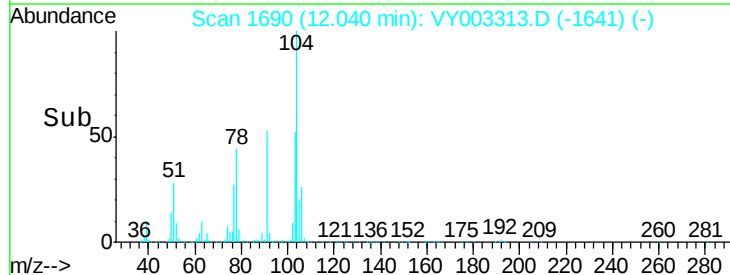
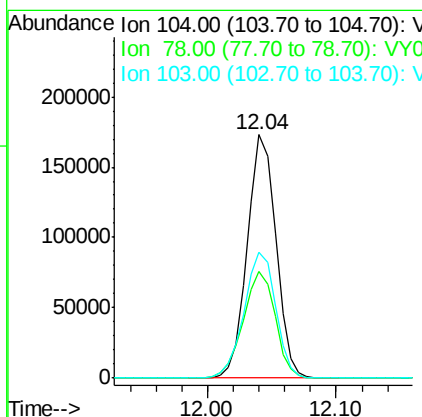
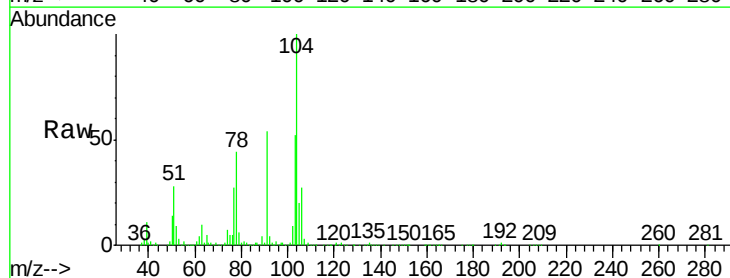
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

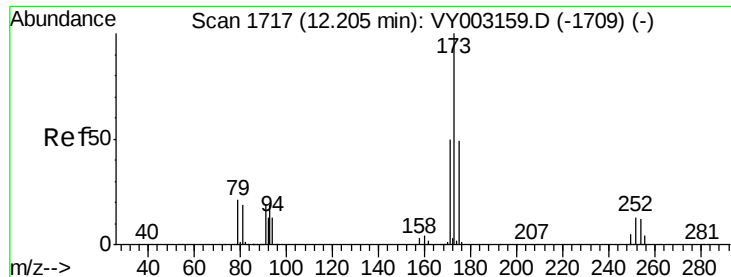
Tot Ion:106 Resp: 156558
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.1



#70
Styrene
Concen: 20.850 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion:104 Resp: 265460
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 57.1 43.9 65.9





#71

Bromoform

Concen: 20.650 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

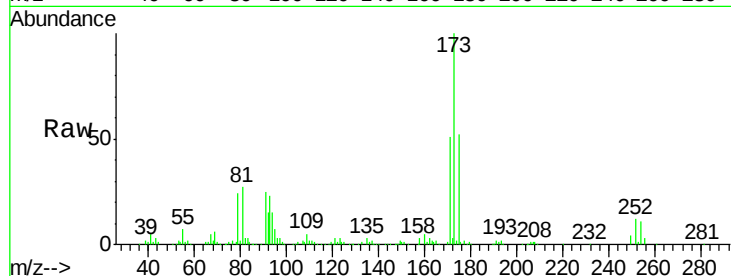
Tot Ion:173 Resp: 61902

Ion Ratio Lower Upper

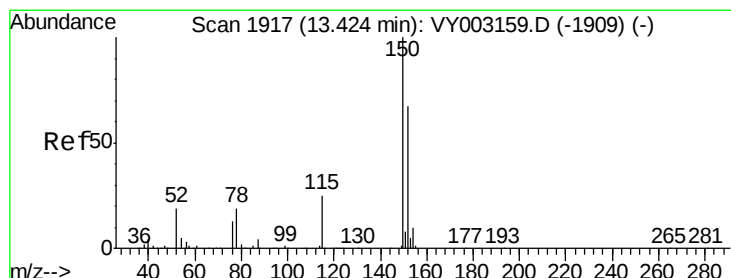
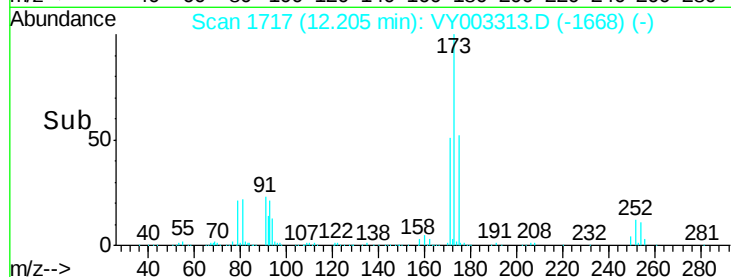
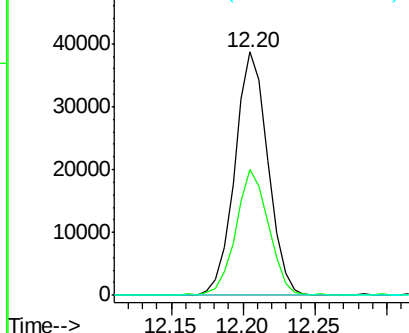
173 100

175 51.5 24.3 73.0

254 0.1 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: VY003313.D

Acq: 23 Jul 2020 13:43

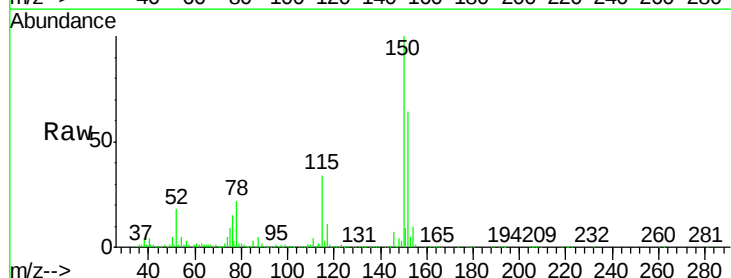
Tgt Ion:152 Resp: 333246

Ion Ratio Lower Upper

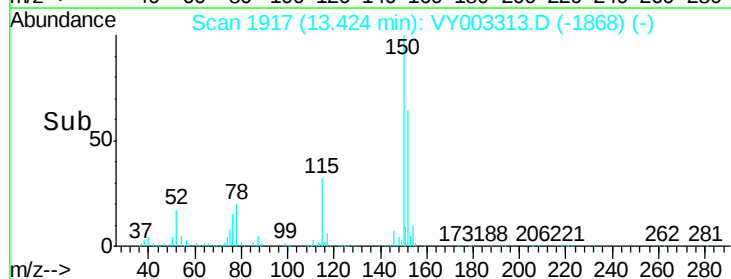
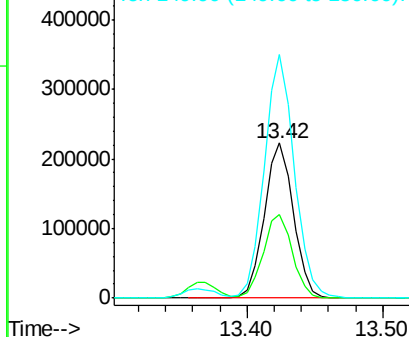
152 100

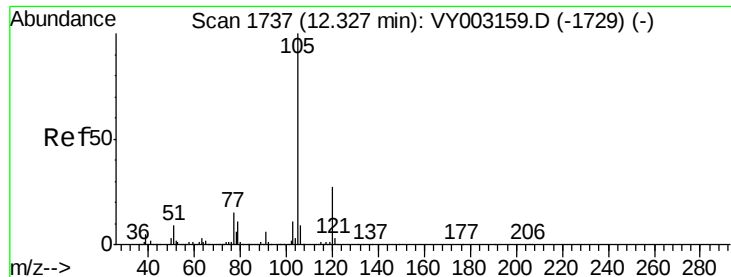
115 54.3 26.9 80.7

150 161.6 0.0 338.0



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: 20.380 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

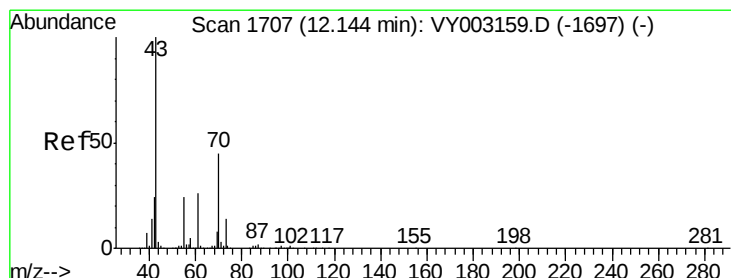
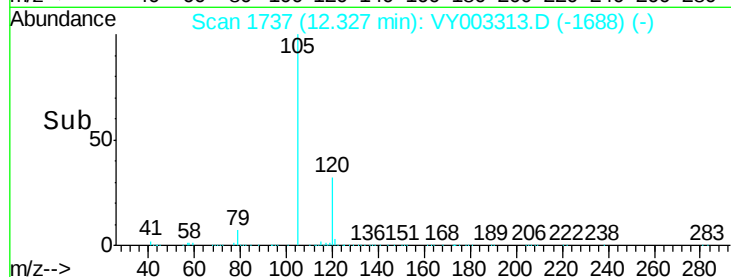
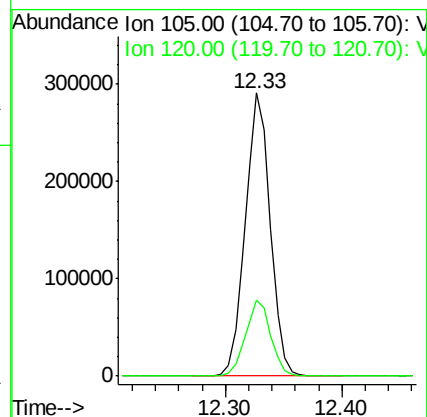
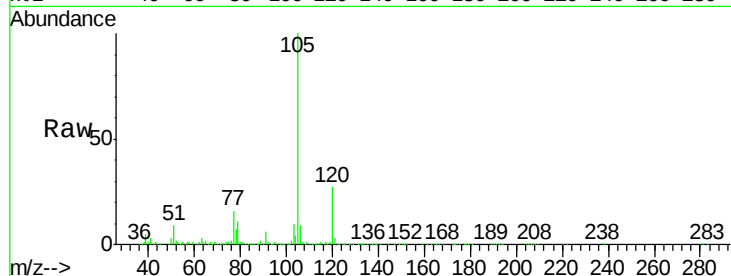
VY0723SBS01

Tot Ion:105 Resp: 432794

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 21.894 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion: 43 Resp: 130458

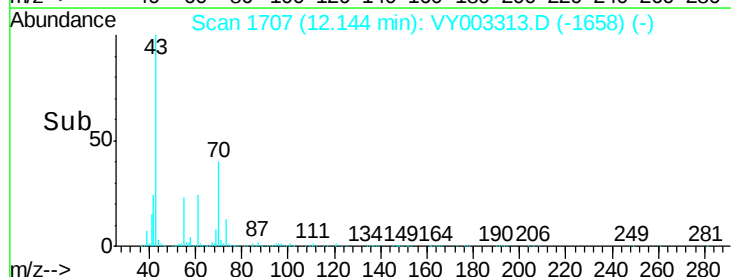
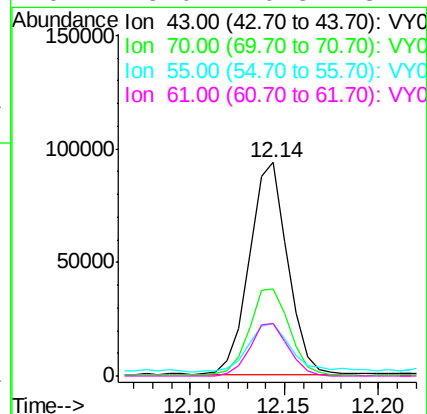
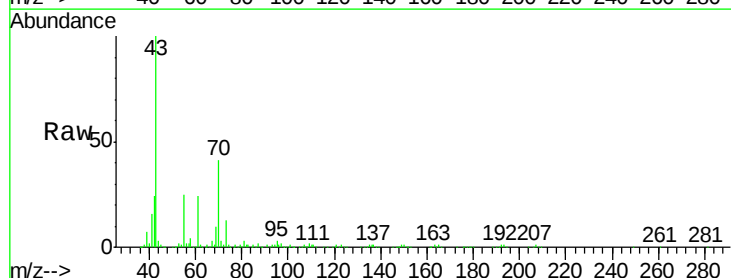
Ion Ratio Lower Upper

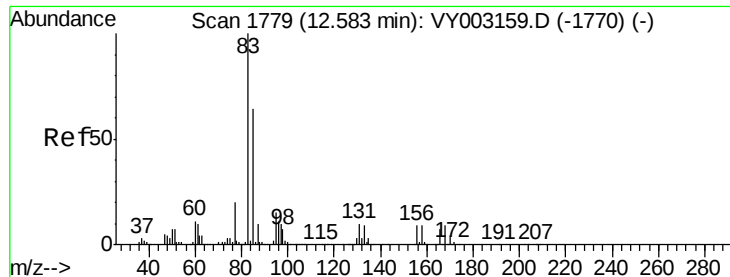
43 100

70 43.0 35.6 53.4

55 26.1 19.4 29.2

61 25.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.550 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

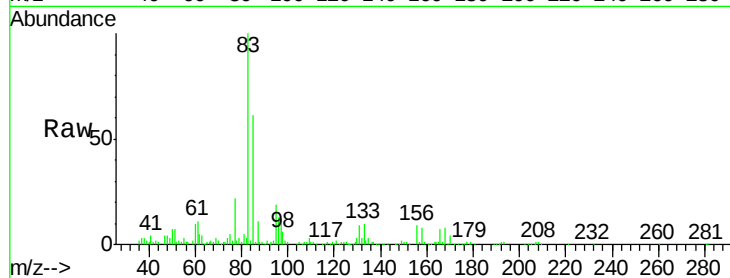
Tot Ion: 83 Resp: 88390

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

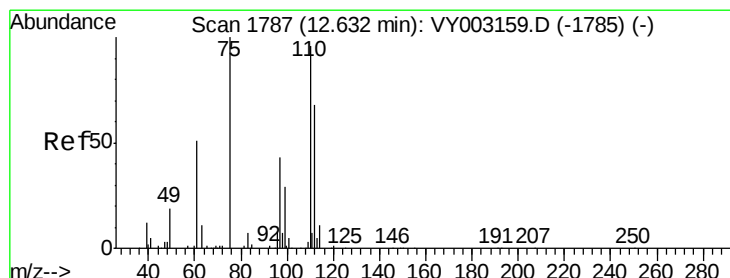
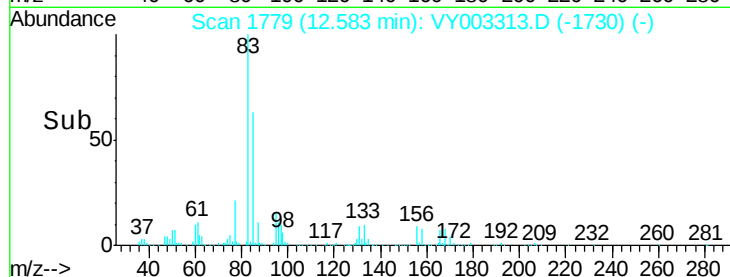
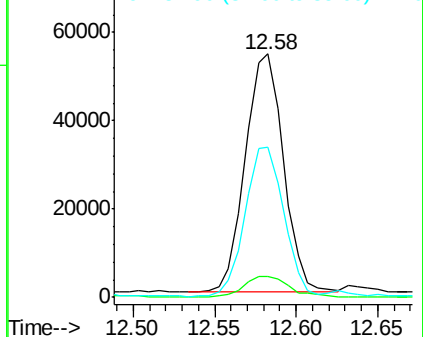
85 63.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 41.011 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003313.D

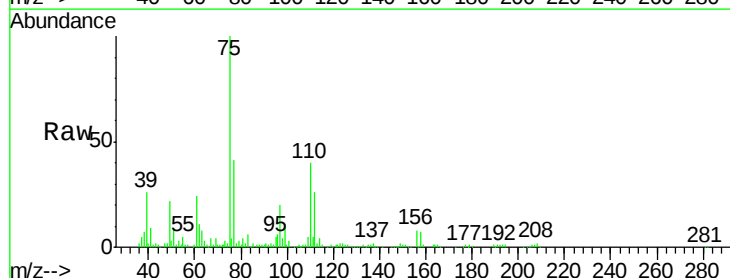
Acq: 23 Jul 2020 13:43

Tgt Ion: 75 Resp: 120974

Ion Ratio Lower Upper

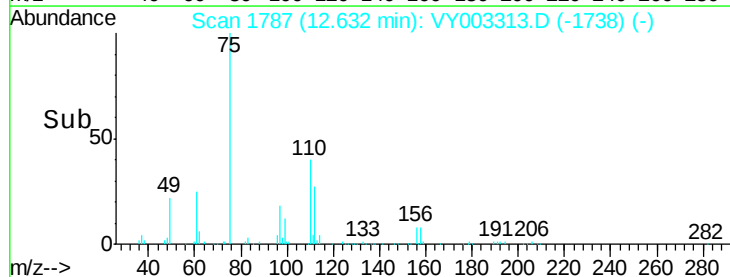
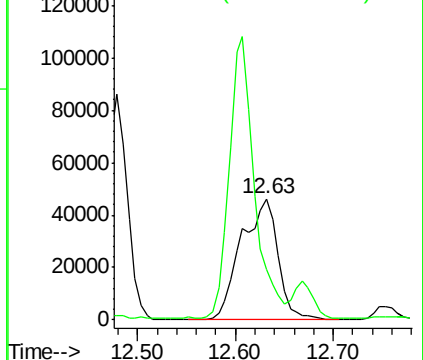
75 100

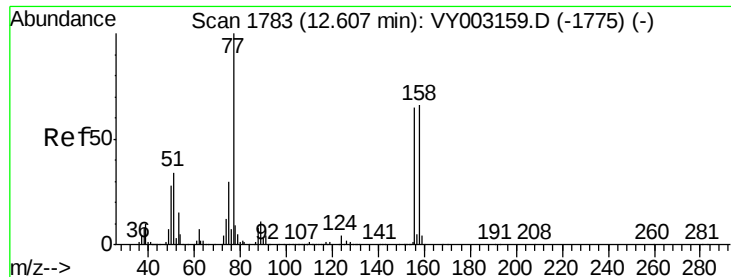
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.546 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

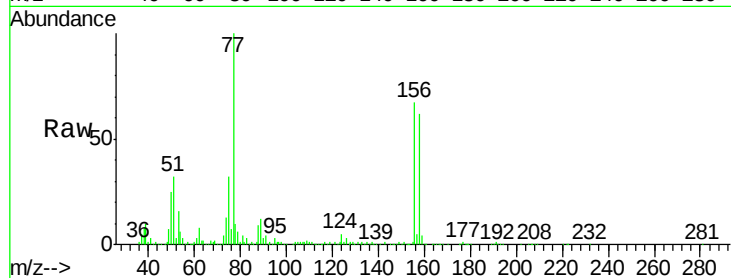
Tot Ion:156 Resp: 111222

Ion Ratio Lower Upper

156 100

77 170.6 86.6 259.7

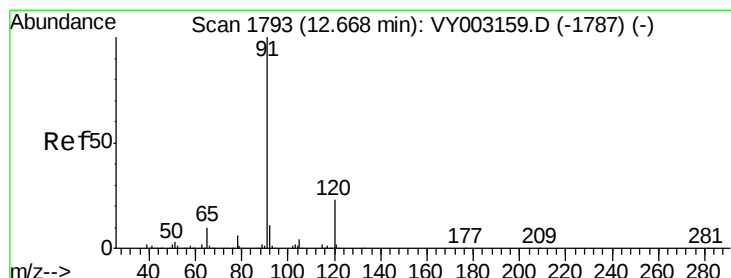
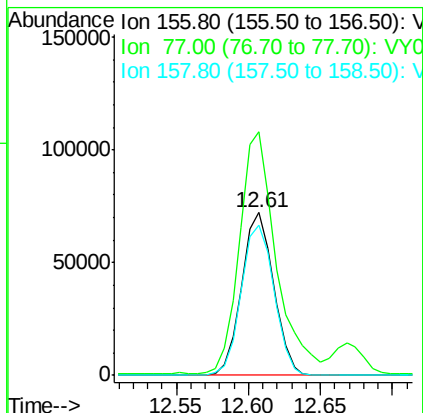
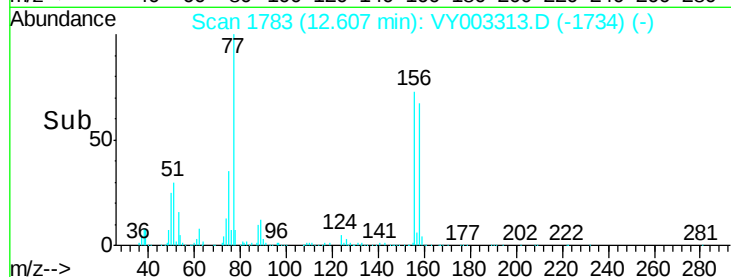
158 94.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.799 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003313.D

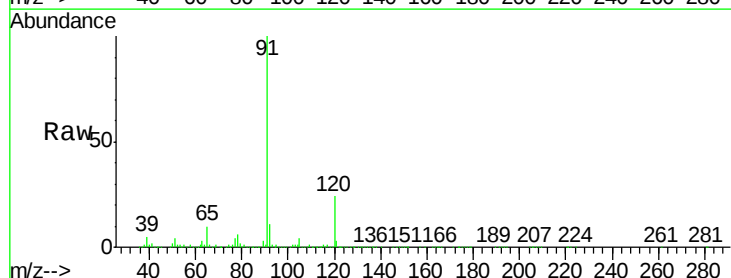
Acq: 23 Jul 2020 13:43

Tgt Ion: 91 Resp: 520649

Ion Ratio Lower Upper

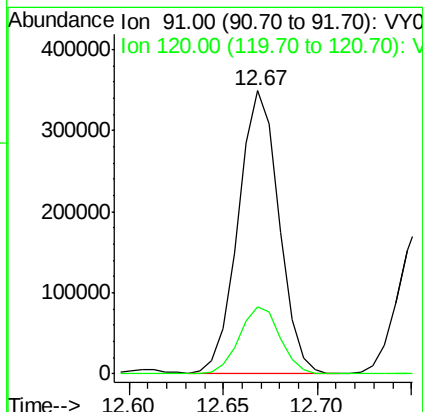
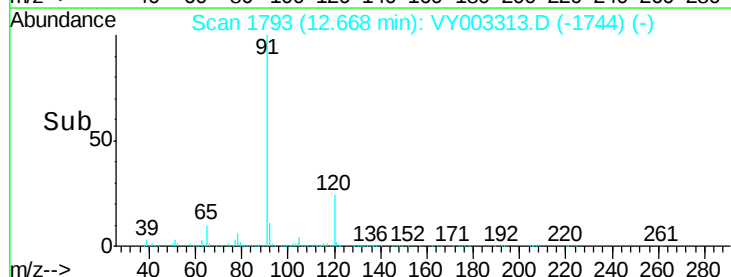
91 100

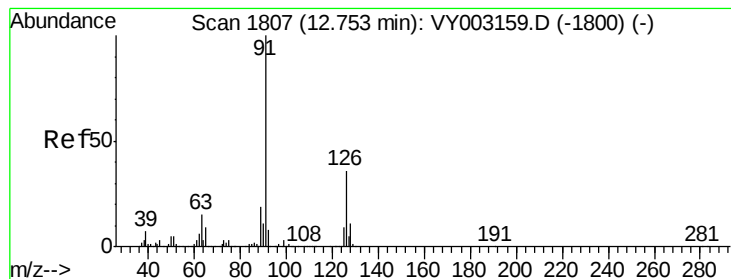
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.336 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

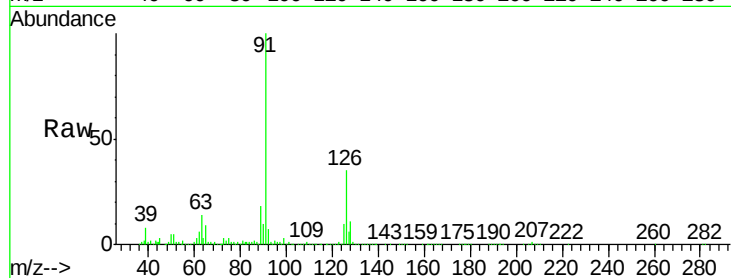
VY0723SBS01

Tot Ion: 91 Resp: 284026

Ion Ratio Lower Upper

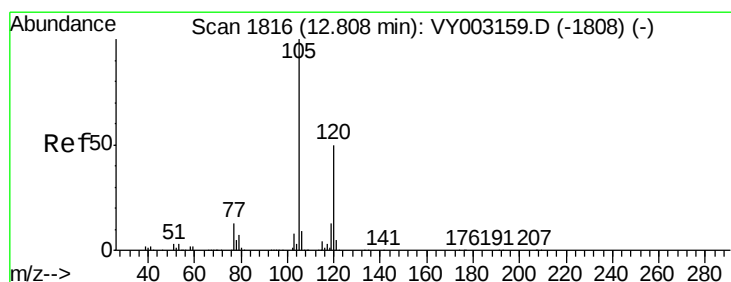
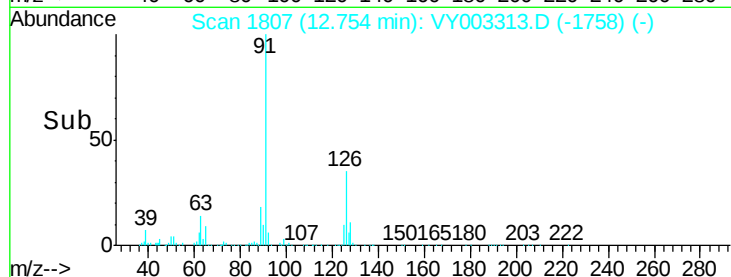
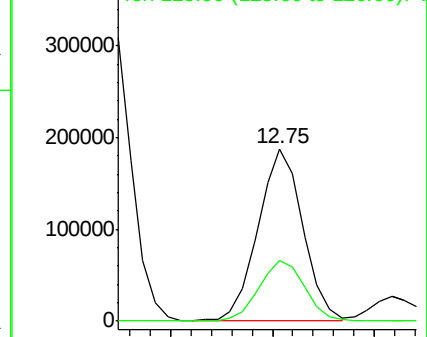
91 100

126 36.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.470 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003313.D

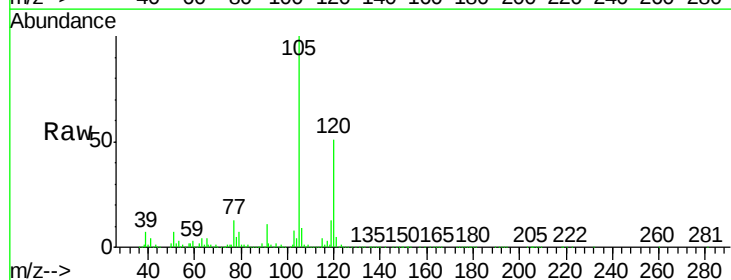
Acq: 23 Jul 2020 13:43

Tgt Ion: 105 Resp: 362322

Ion Ratio Lower Upper

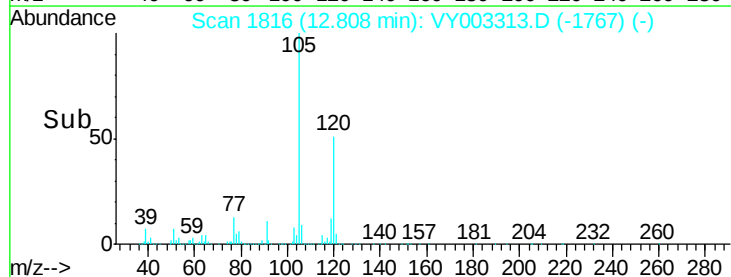
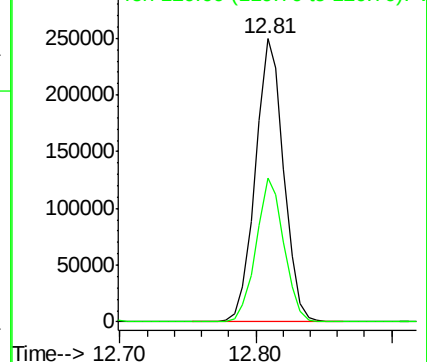
105 100

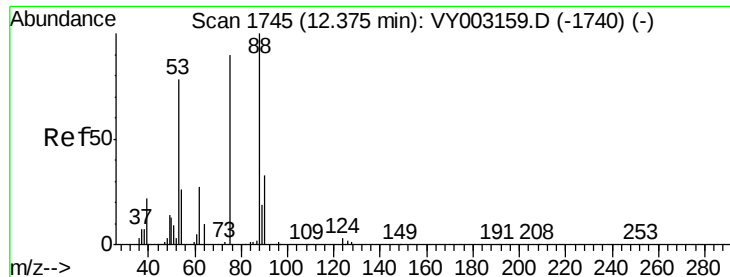
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.728 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

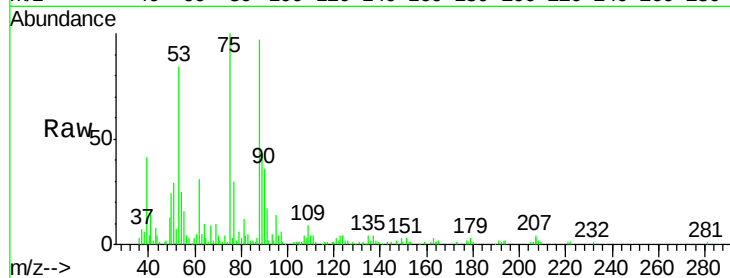
Tot Ion: 75 Resp: 31417

Ion Ratio Lower Upper

75 100

53 89.3 72.0 108.0

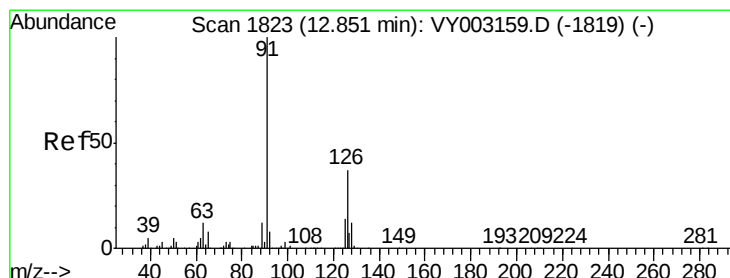
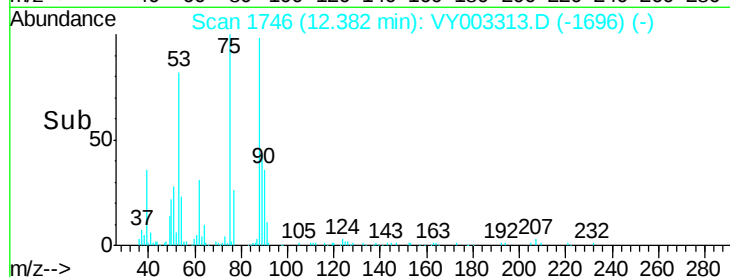
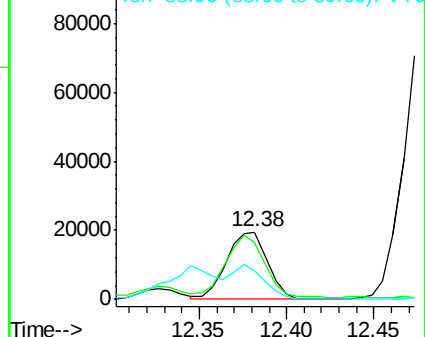
89 40.8 37.3 55.9



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: 20.470 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003313.D

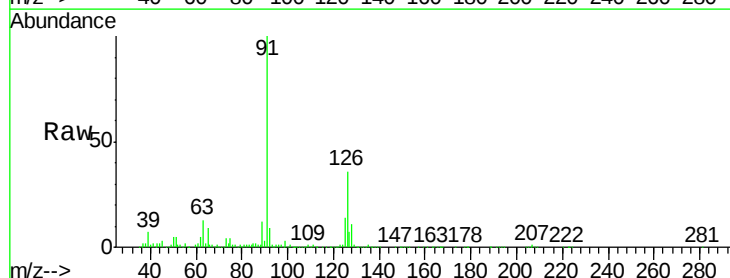
Acq: 23 Jul 2020 13:43

Tgt Ion: 91 Resp: 298403

Ion Ratio Lower Upper

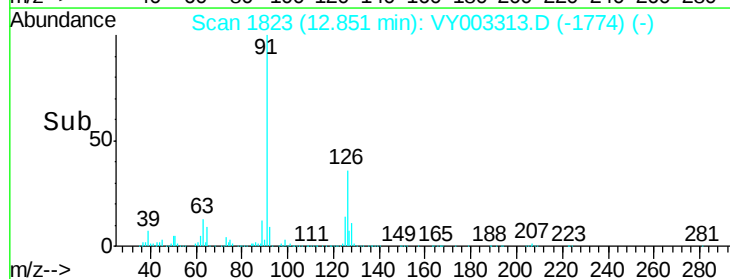
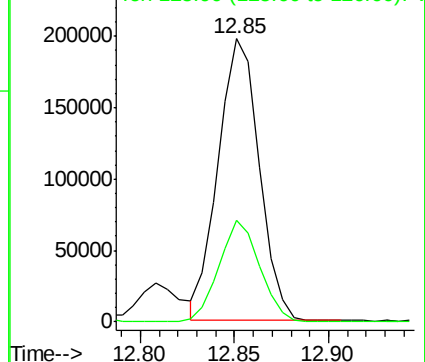
91 100

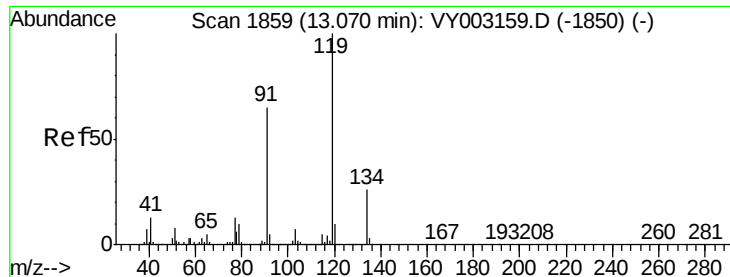
126 35.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.106 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

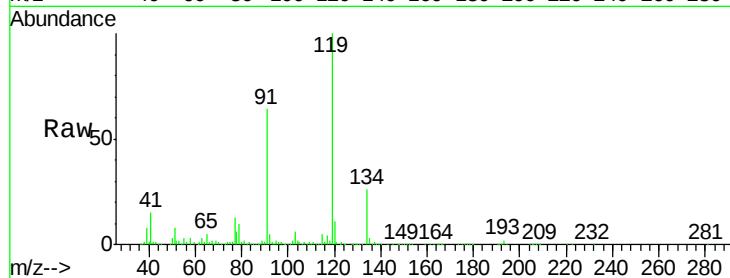
Tot Ion:119 Resp: 314010

Ion Ratio Lower Upper

119 100

91 64.4 30.8 92.4

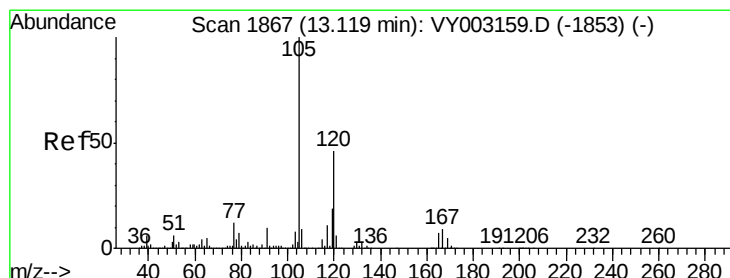
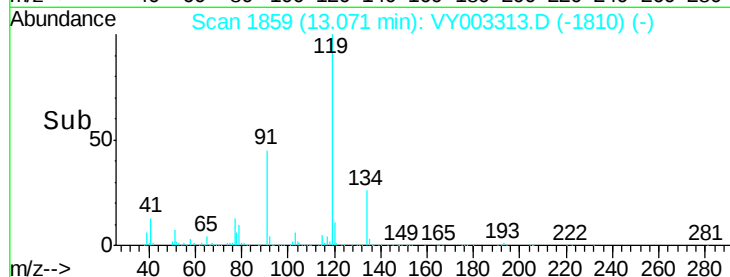
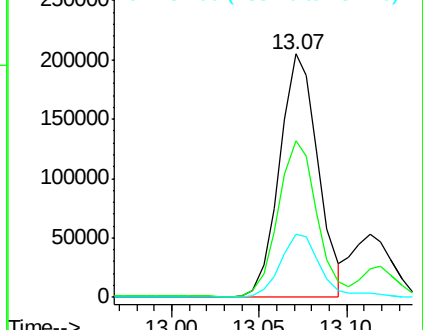
134 27.6 13.2 39.6



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: 20.494 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003313.D

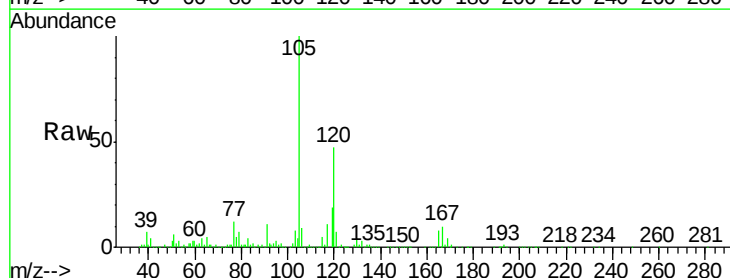
Acq: 23 Jul 2020 13:43

Tgt Ion:105 Resp: 364971

Ion Ratio Lower Upper

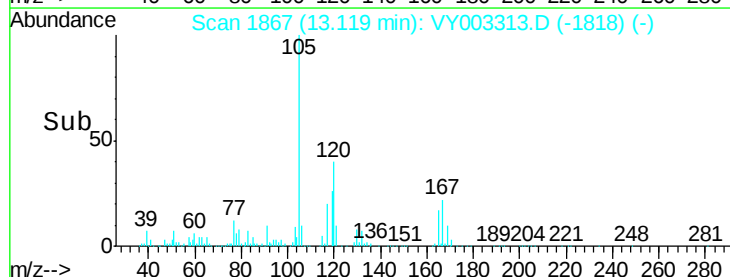
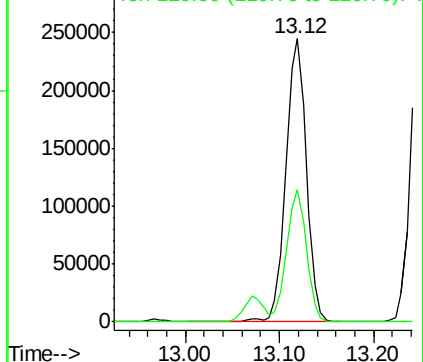
105 100

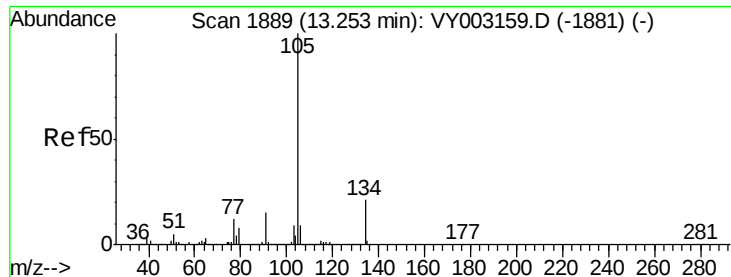
120 45.7 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.009 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

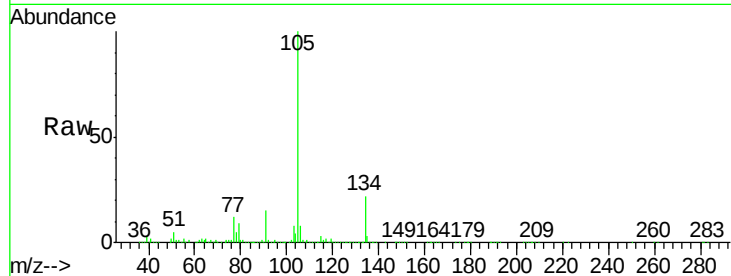
VY0723SBS01

Tot Ion:105 Resp: 450966

Ion Ratio Lower Upper

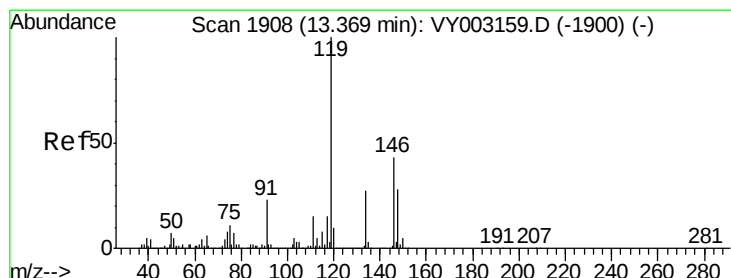
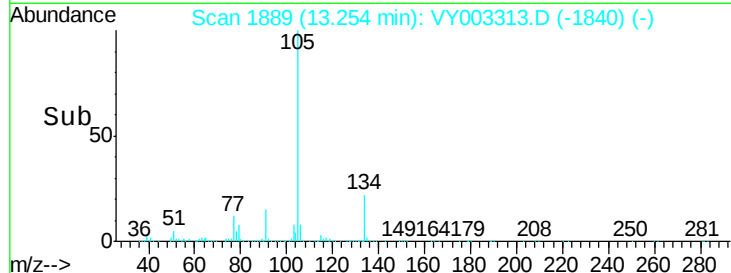
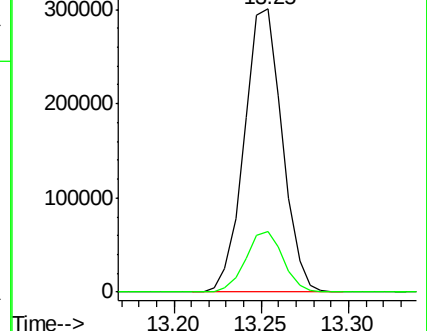
105 100

134 21.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.754 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

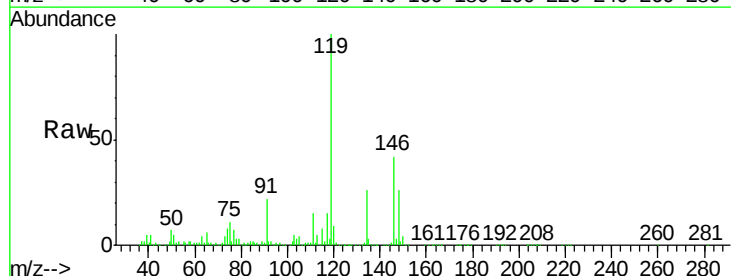
Tgt Ion:119 Resp: 415974

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

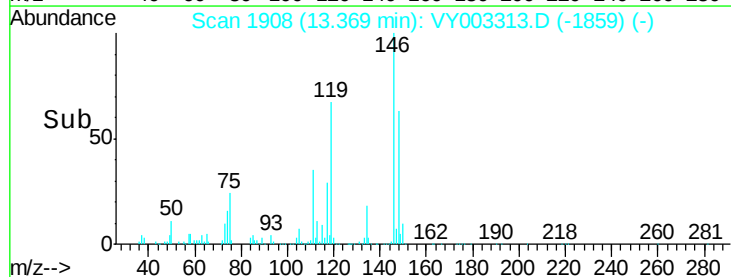
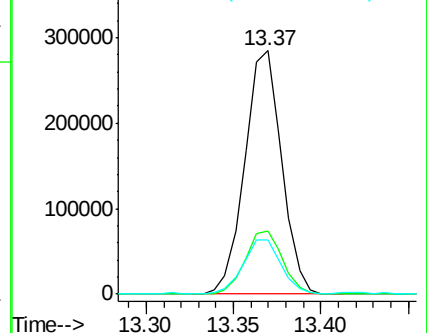
91 22.3 11.2 33.6



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

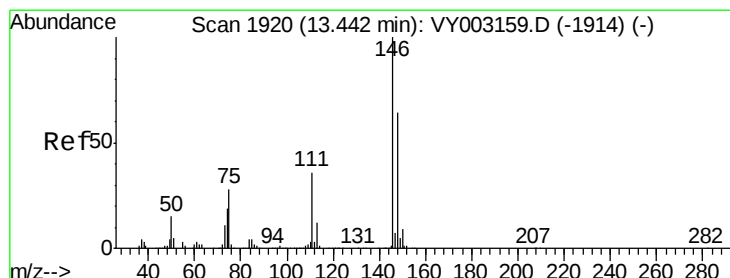
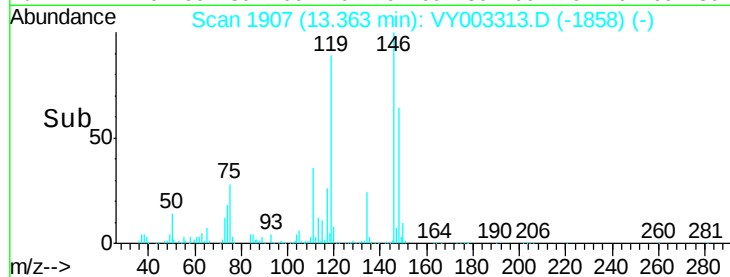
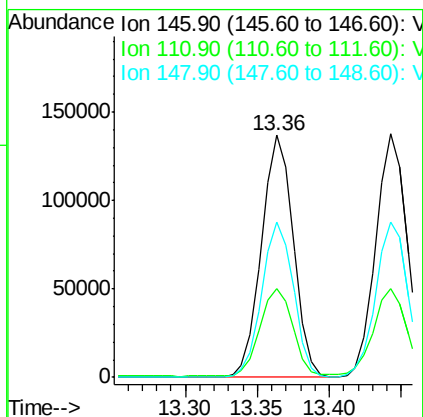
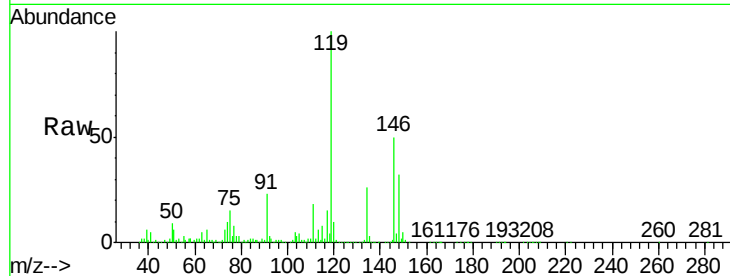




#87
 1,3-Dichlorobenzene
 Concen: 20.418 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

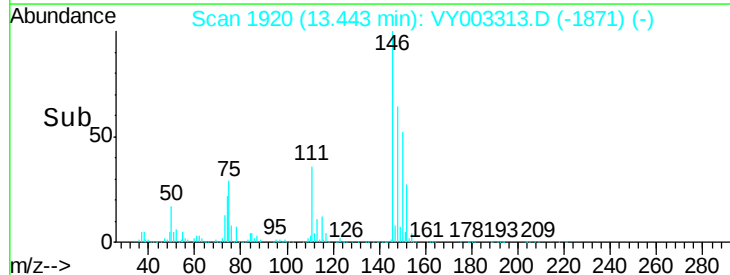
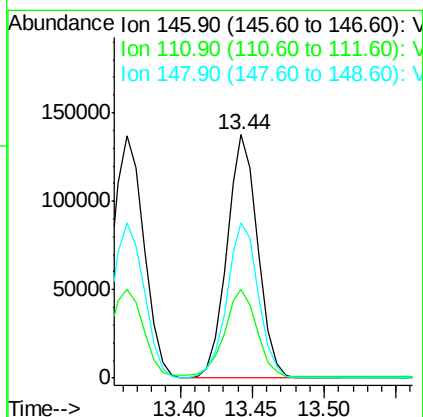
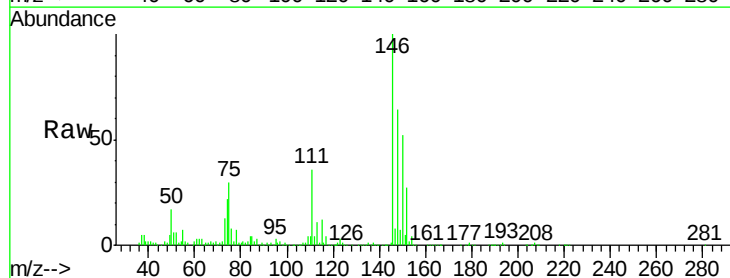
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

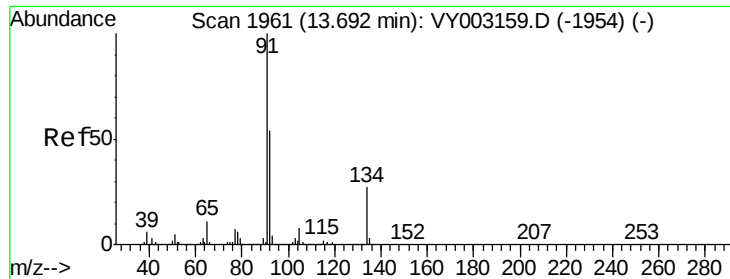
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.3
148	63.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 20.298 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	65.1	32.0	96.0

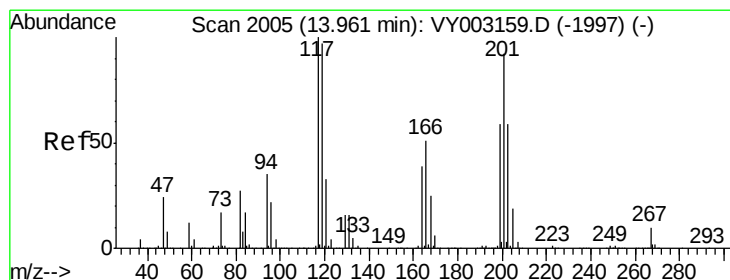
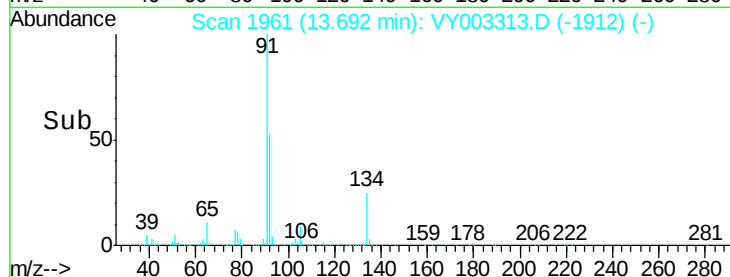
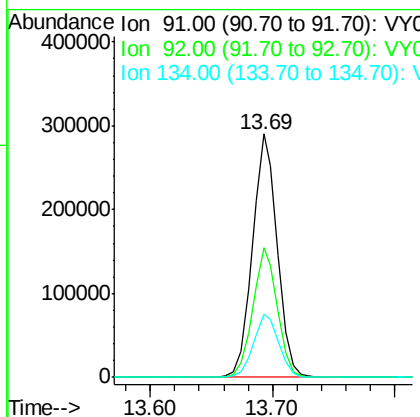
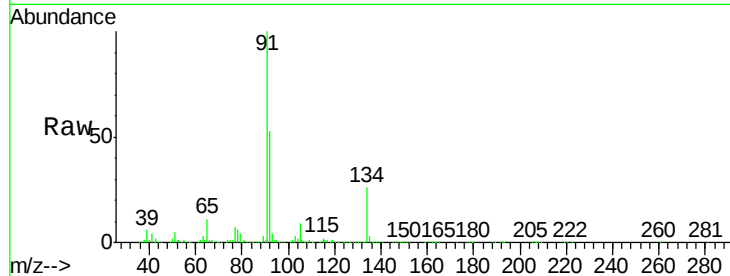




#89
n-Butylbenzene
Concen: 21.524 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

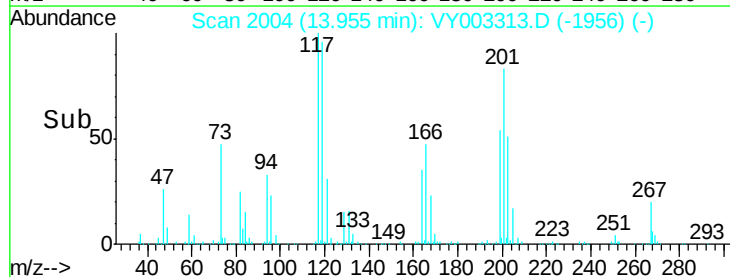
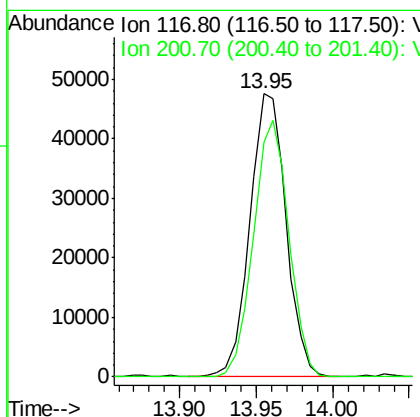
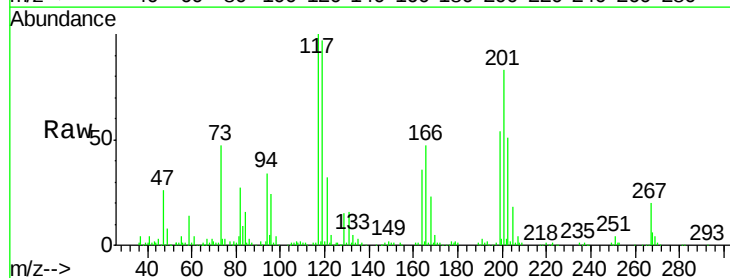
Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

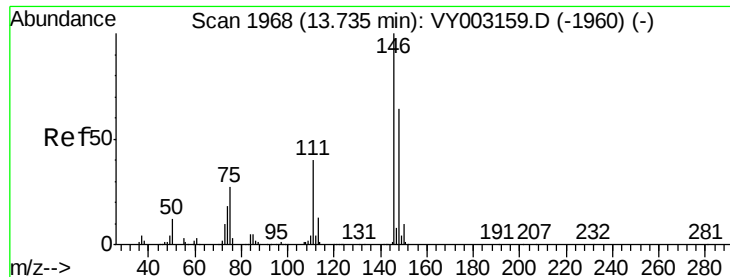
Tot Ion: 91 Resp: 405776
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 21.366 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 117 Resp: 77986
Ion Ratio Lower Upper
117 100
201 89.0 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 20.660 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

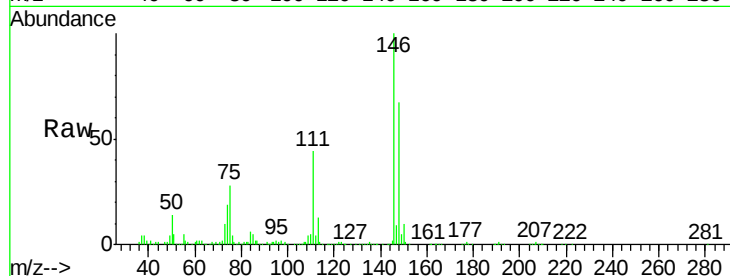
Tot Ion:146 Resp: 185596

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

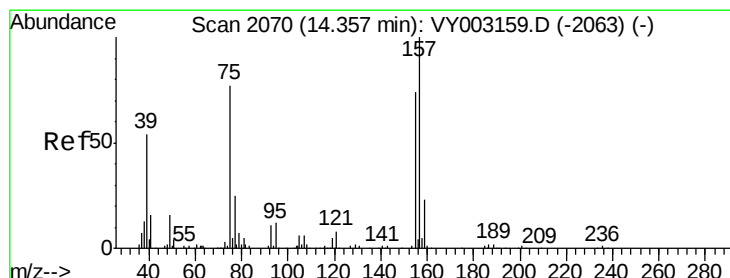
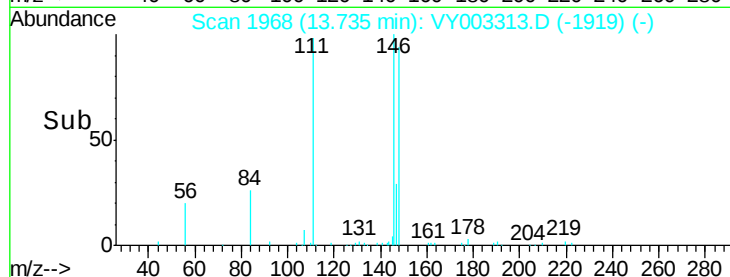
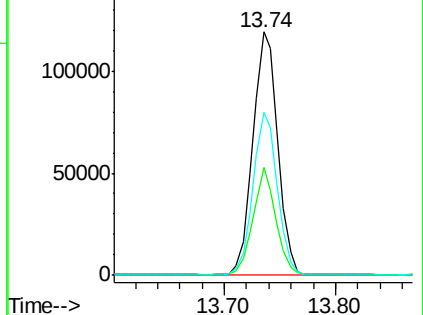
148 65.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.578 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

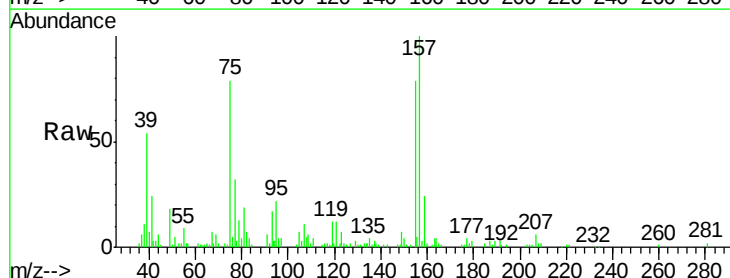
Tgt Ion: 75 Resp: 15013

Ion Ratio Lower Upper

75 100

155 89.8 48.1 144.3

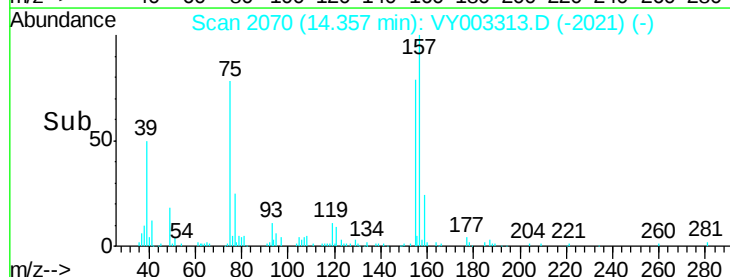
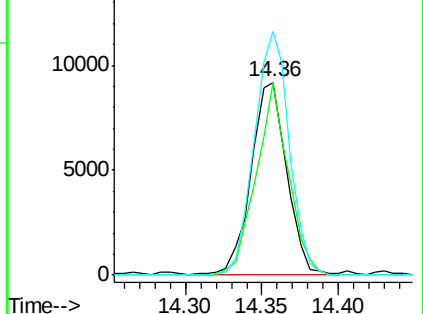
157 122.9 61.9 185.6

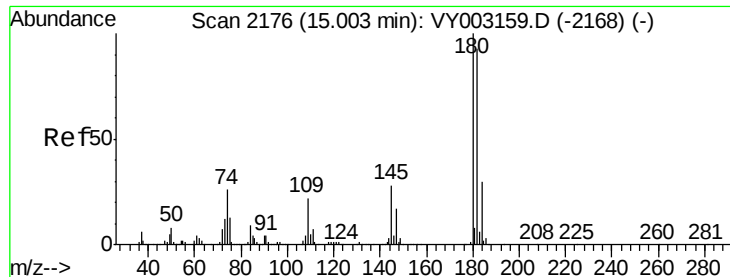


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

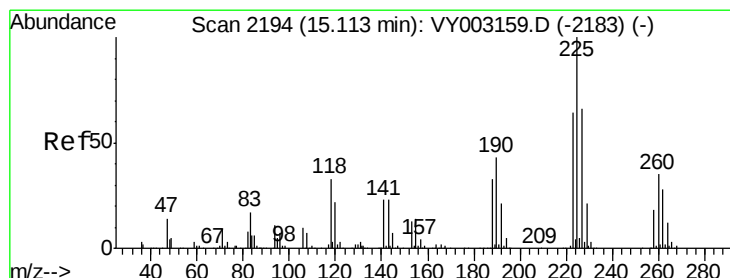
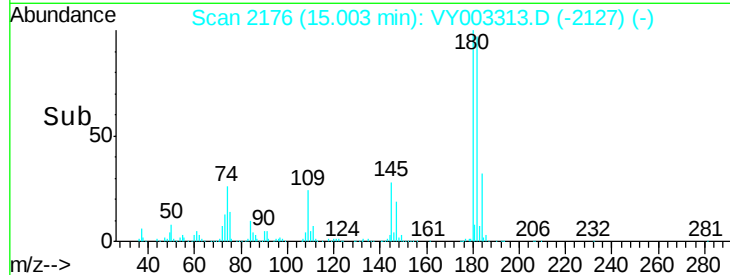
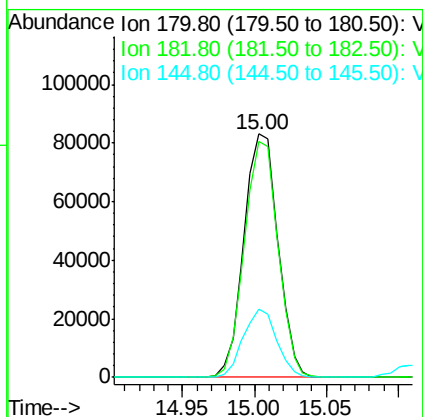
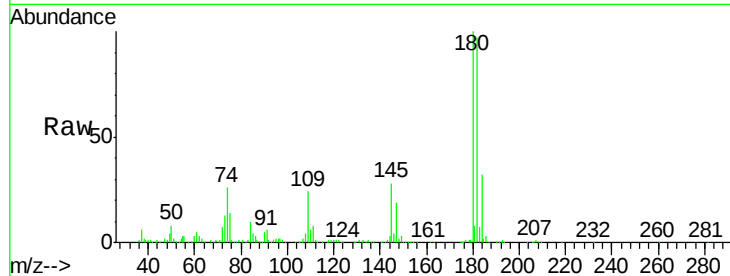




#93
 1,2,4-Trichlorobenzene
 Concen: 21.315 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

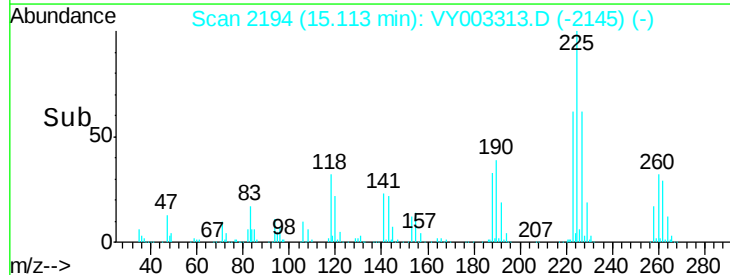
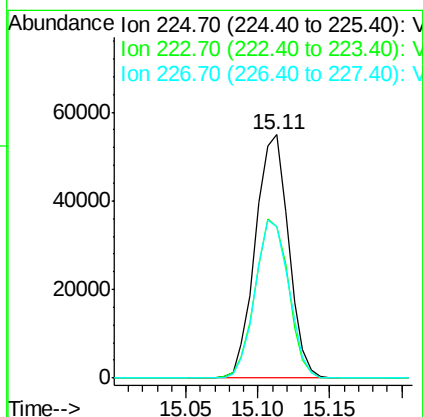
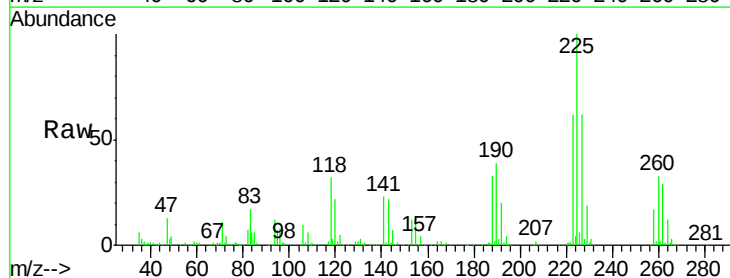
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

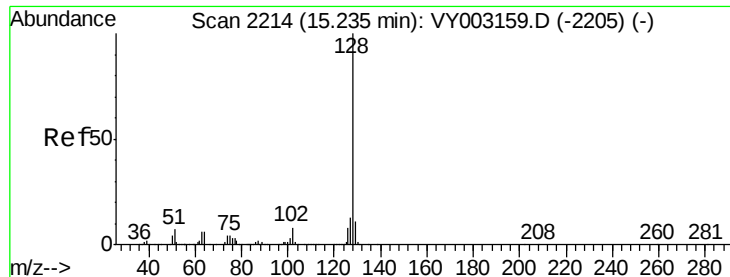
Tot Ion:180 Resp: 136220
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 27.4 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 19.898 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion:225 Resp: 87137
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.6 94.7
 227 66.0 32.3 96.8





#95

Naphthalene

Concen: 21.861 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

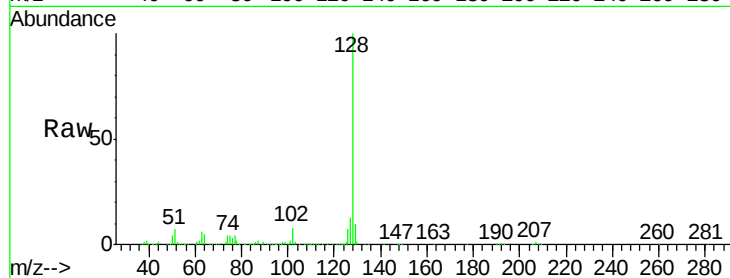
Tot Ion:128 Resp: 230899

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

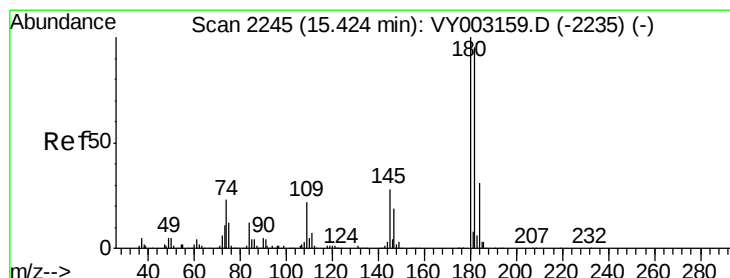
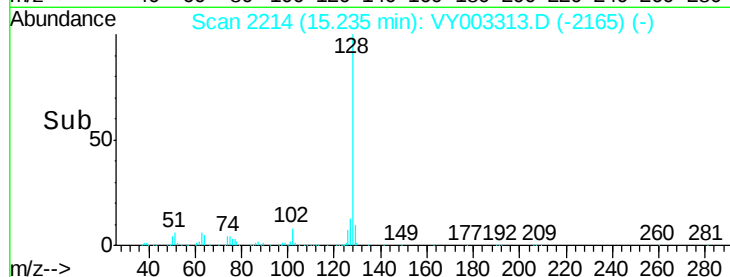
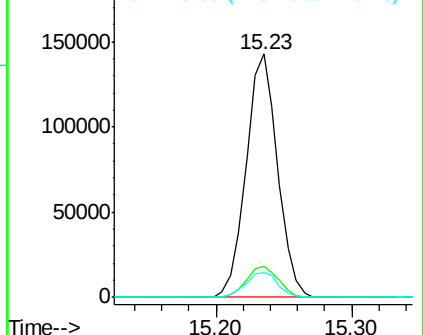
129 10.7 9.0 13.6



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: 21.272 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

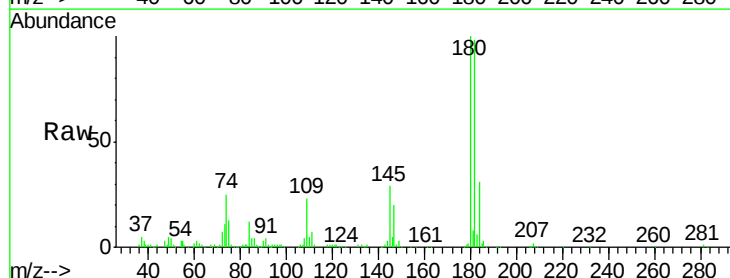
Tgt Ion:180 Resp: 107467

Ion Ratio Lower Upper

180 100

182 97.9 48.8 146.3

145 29.5 14.9 44.5



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

