

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002463.D
 Acq On : 23 Apr 2020 16:40
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:32:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	311147	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	465566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	420762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	208303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	135498	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.74	113	134152	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
50) Toluene-d8	10.19	98	508379	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.49	95	152661	43.11	ug/l	0.00
Spiked Amount			Recovery	=	86.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44031	19.323	ug/l	96
3) Chloromethane	2.13	50	55759	19.232	ug/l	95
4) Vinyl Chloride	2.26	62	45497	21.844	ug/l	99
5) Bromomethane	2.65	94	28839	24.671	ug/l	86
6) Chloroethane	2.80	64	26866	25.998	ug/l	98
7) Trichlorofluoromethane	3.14	101	96775	25.624	ug/l	100
8) Diethyl Ether	3.55	74	34587	22.218	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	55968	21.528	ug/l	98
10) Methyl Iodide	4.11	142	80183	19.993	ug/l	98
11) Tert butyl alcohol	4.99	59	30792	120.300	ug/l	98
12) 1,1-Dichloroethene	3.89	96	56203	21.101	ug/l	98
13) Acrolein	3.75	56	22039	107.561	ug/l	99
14) Allyl chloride	4.50	41	82562	21.092	ug/l	95
15) Acrylonitrile	5.19	53	83410	111.984	ug/l	99
16) Acetone	3.97	43	63482	111.698	ug/l	97
17) Carbon Disulfide	4.21	76	165911	19.976	ug/l	99
18) Methyl Acetate	4.50	43	40037	21.892	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	153448	21.350	ug/l	100
20) Methylene Chloride	4.74	84	64267	19.806	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	60954	20.326	ug/l	96
22) Diisopropyl ether	6.14	45	167640	21.660	ug/l	94
23) Vinyl Acetate	6.09	43	541145	110.036	ug/l	96
24) 1,1-Dichloroethane	6.05	63	96753	20.648	ug/l	98
25) 2-Butanone	7.01	43	99370	114.127	ug/l	99
26) 2,2-Dichloropropane	7.00	77	90956	20.297	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	67265	20.623	ug/l	99
28) Bromochloromethane	7.36	49	39960	21.859	ug/l	100
29) Tetrahydrofuran	7.37	42	66033	114.388	ug/l	98
30) Chloroform	7.53	83	102357	20.516	ug/l	100
31) Cyclohexane	7.80	56	92495	19.740	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	95678	20.295	ug/l	99
36) 1,1-Dichloropropene	7.94	75	78629	19.697	ug/l	100
37) Ethyl Acetate	7.10	43	44600	22.239	ug/l	99
38) Carbon Tetrachloride	7.92	117	89830	19.568	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002463.D
 Acq On : 23 Apr 2020 16:40
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:32:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	103373	19.851	ug/l	98
40) Benzene	8.18	78	233461	20.234	ug/l	98
41) Methacrylonitrile	7.37	41	61328	49.634	ug/l #	41
42) 1,2-Dichloroethane	8.25	62	69206	20.648	ug/l	99
43) Isopropyl Acetate	8.29	43	81783	21.803	ug/l	99
44) Trichloroethene	8.96	130	73660	20.417	ug/l	96
45) 1,2-Dichloropropane	9.23	63	54898	20.644	ug/l	98
46) Dibromomethane	9.32	93	32517	20.900	ug/l	99
47) Bromodichloromethane	9.51	83	80593	20.714	ug/l	97
48) Methyl methacrylate	9.31	41	37195	21.721	ug/l	97
49) 1,4-Dioxane	9.31	88	8675	437.520	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	216845	111.298	ug/l	99
52) Toluene	10.25	92	147635	19.877	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	85357	20.890	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	95267	20.371	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	48589	21.122	ug/l	97
56) Ethyl methacrylate	10.52	69	66365	21.114	ug/l	99
57) 1,3-Dichloropropane	10.80	76	81240	20.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	165478	108.868	ug/l	100
59) 2-Hexanone	10.85	43	151486	111.547	ug/l	99
60) Dibromochloromethane	11.00	129	62306	20.670	ug/l	100
61) 1,2-Dibromoethane	11.10	107	47912	21.004	ug/l	99
64) Tetrachloroethene	10.73	164	77683	20.145	ug/l	99
65) Chlorobenzene	11.53	112	166032	20.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	63230	20.775	ug/l	98
67) Ethyl Benzene	11.60	91	293717	20.317	ug/l	100
68) m/p-Xylenes	11.71	106	225917	40.594	ug/l	99
69) o-Xylene	12.04	106	107093	20.780	ug/l	99
70) Styrene	12.05	104	185887	20.714	ug/l	100
71) Bromoform	12.22	173	38109	19.876	ug/l #	97
73) Isopropylbenzene	12.34	105	228199	16.387	ug/l	99
74) N-amyl acetate	12.16	43	74582	22.601	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	42754	19.990	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	64747	36.674	ug/l #	100
77) Bromobenzene	12.62	156	66654	19.084	ug/l	100
78) n-propylbenzene	12.68	91	305584	18.899	ug/l	100
79) 2-Chlorotoluene	12.77	91	164175	18.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	229536	19.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	18030	18.898	ug/l	96
82) 4-Chlorotoluene	12.86	91	182776	19.988	ug/l	100
83) tert-Butylbenzene	13.08	119	207268	20.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	233391	20.581	ug/l	99
85) sec-Butylbenzene	13.27	105	234387	17.055	ug/l	99
86) p-Isopropyltoluene	13.38	119	259913	19.831	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	128279	19.858	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	134186	20.890	ug/l	99
89) n-Butylbenzene	13.70	91	256183	21.188	ug/l	100
90) Hexachloroethane	13.97	117	49283	20.804	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	127669	22.949	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9548	22.486	ug/l	96

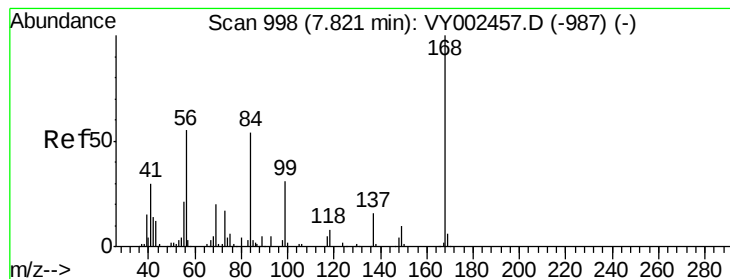
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002463.D
Acq On : 23 Apr 2020 16:40
Operator : SY/MD
Sample : VY0423SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:32:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	96411	21.958	ug/l	98
94) Hexachlorobutadiene	15.12	225	57547	21.717	ug/l	99
95) Naphthalene	15.25	128	188400	23.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	82874	22.253	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

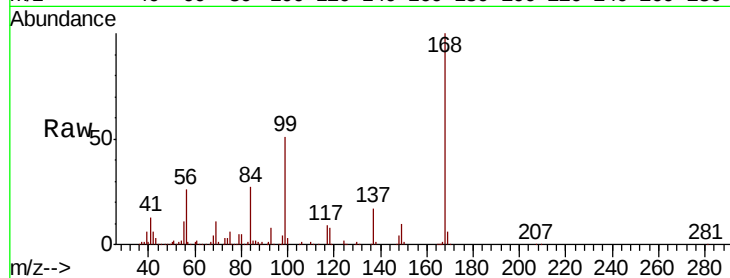
ClientSampleId :

Tot Ion:168 Resp: 311147

Ion Ratio Lower Upper

168 100

99 51.4 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

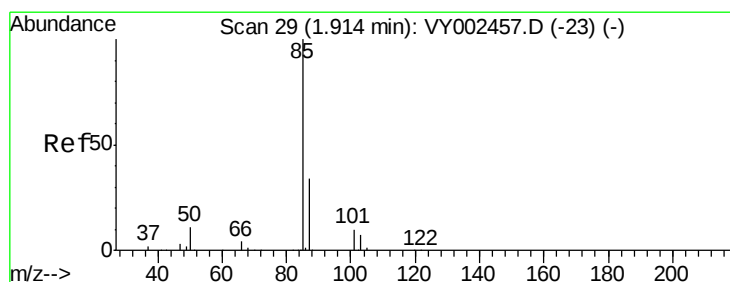
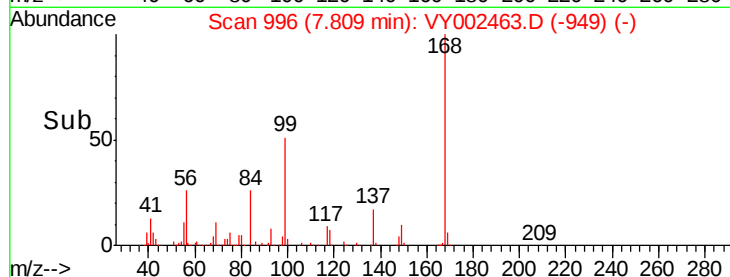
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.323 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002463.D

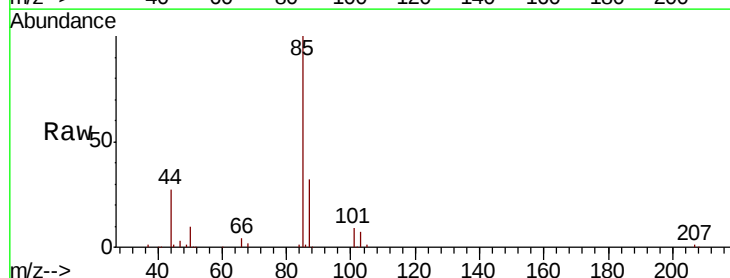
Acq: 23 Apr 2020 16:40

Tgt Ion: 85 Resp: 44031

Ion Ratio Lower Upper

85 100

87 32.1 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

30000

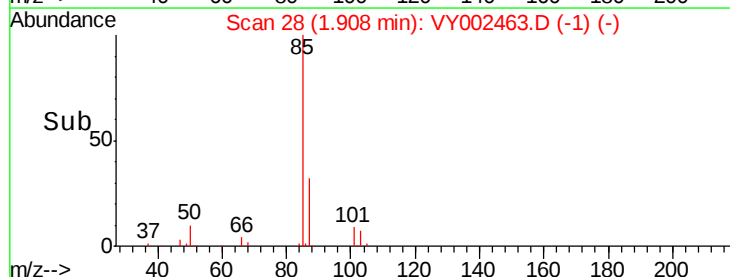
20000

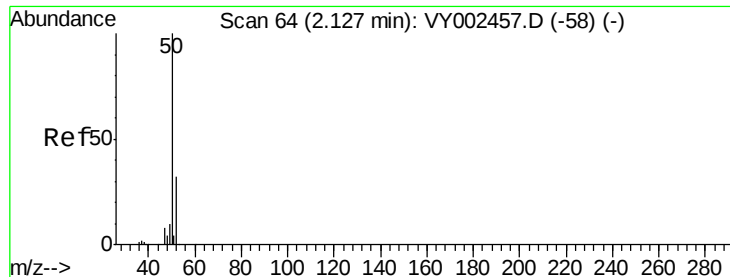
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.232 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

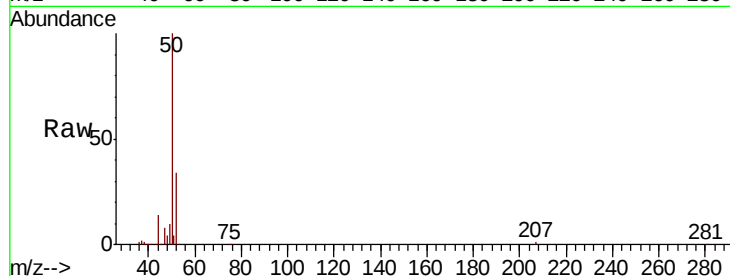
ClientSampleId :

Tot Ion: 50 Resp: 55759

Ion Ratio Lower Upper

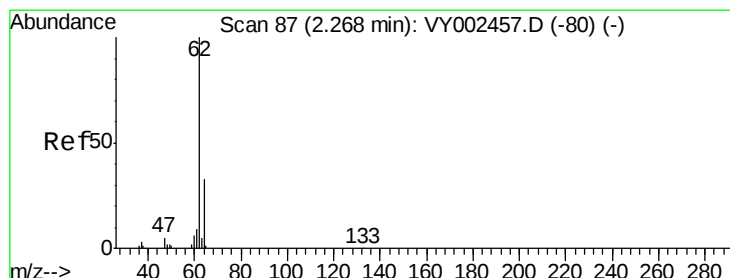
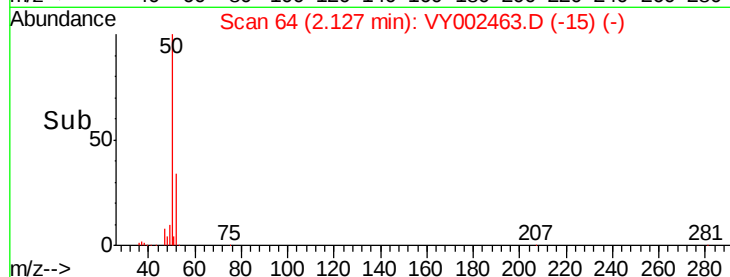
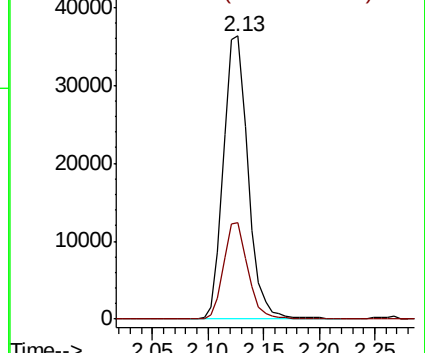
50 100

52 34.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.844 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002463.D

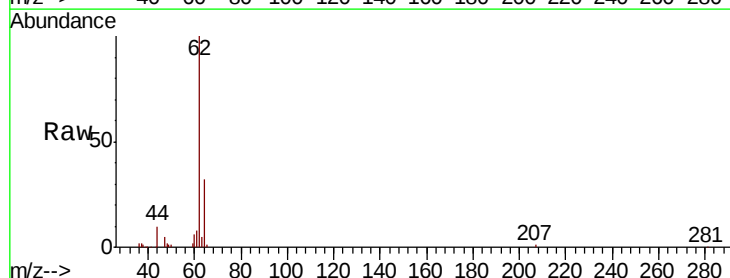
Acq: 23 Apr 2020 16:40

Tgt Ion: 62 Resp: 45497

Ion Ratio Lower Upper

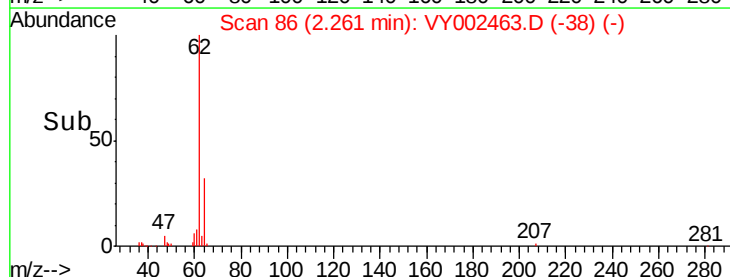
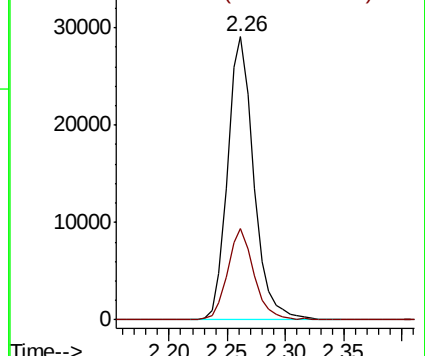
62 100

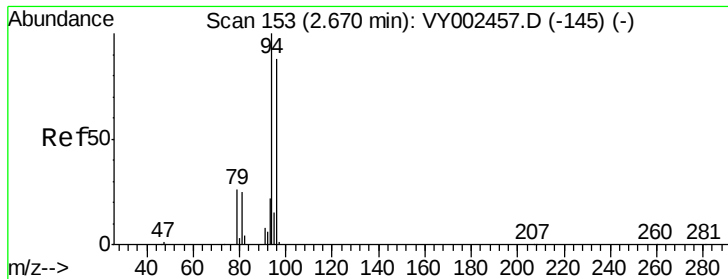
64 32.4 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 24.671 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

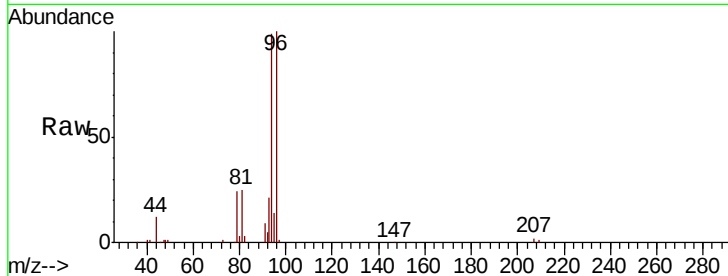
ClientSampled :

Tot Ion: 94 Resp: 28839

Ion Ratio Lower Upper

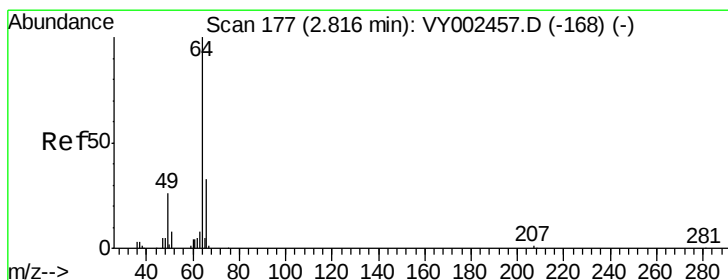
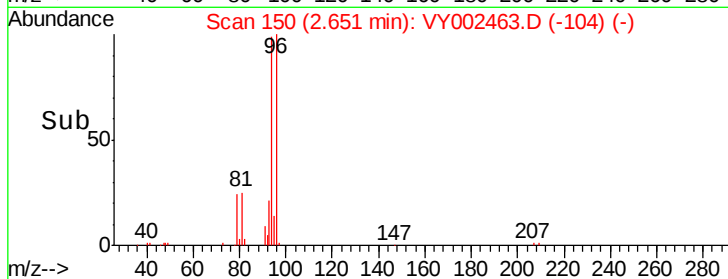
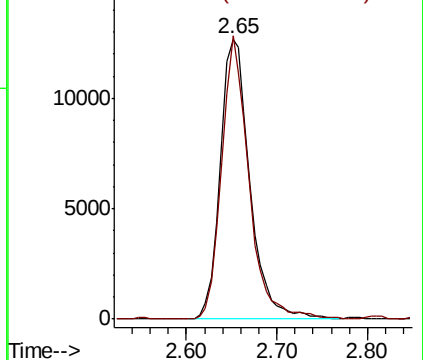
94 100

96 101.3 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.998 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002463.D

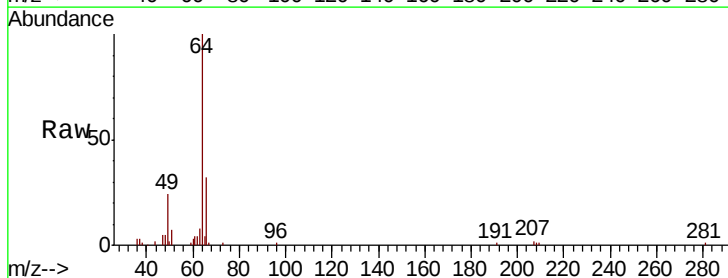
Acq: 23 Apr 2020 16:40

Tgt Ion: 64 Resp: 26866

Ion Ratio Lower Upper

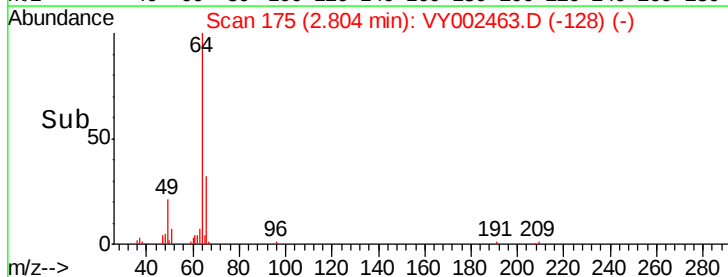
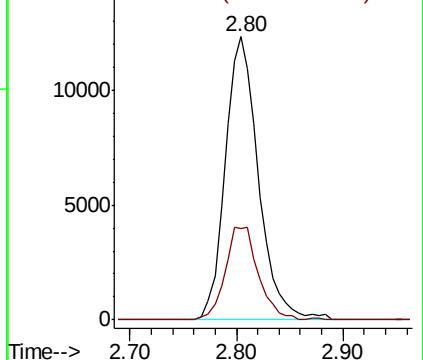
64 100

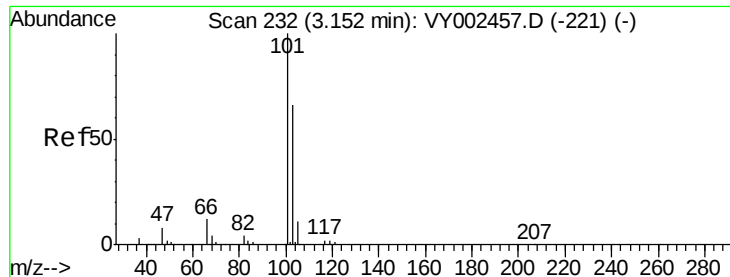
66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



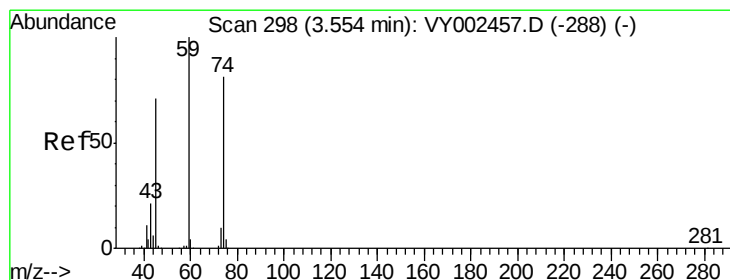
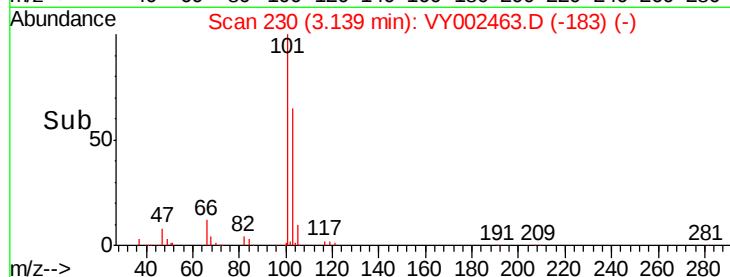
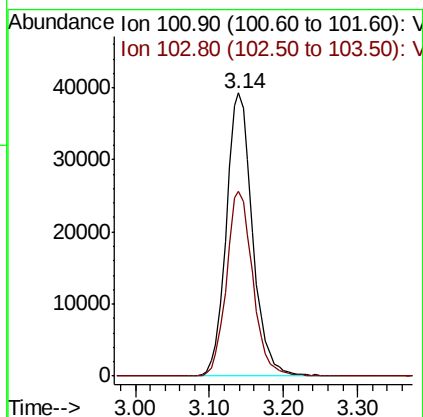
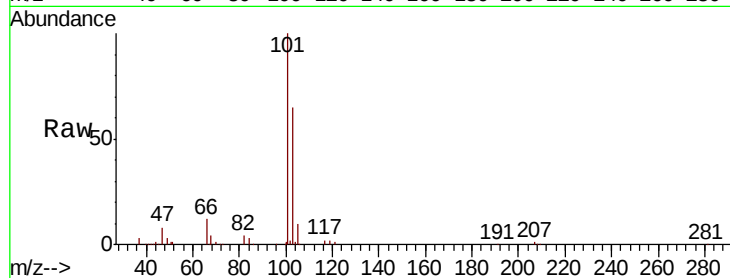


#7

Trichlorofluoromethane
Concen: 25.624 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

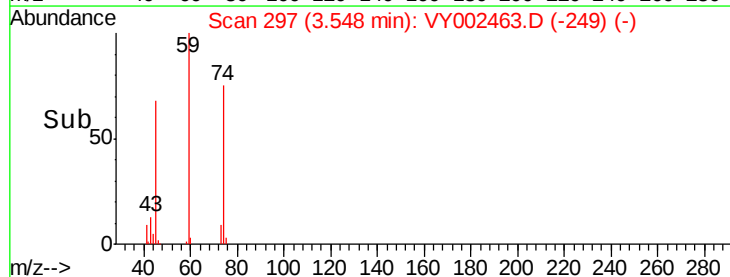
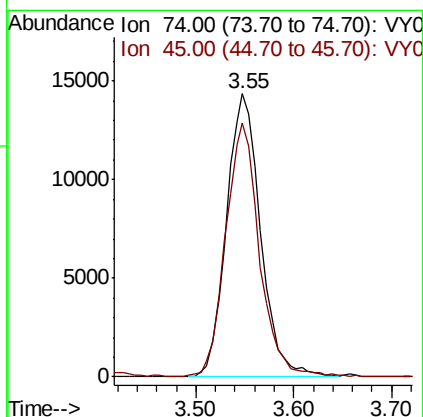
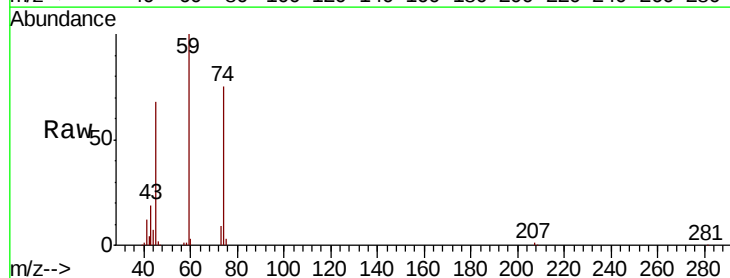
Tot Ion:101 Resp: 96775
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

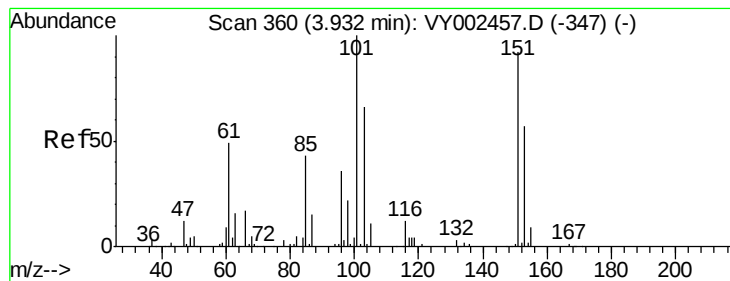


#8

Diethyl Ether
Concen: 22.218 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 74 Resp: 34587
Ion Ratio Lower Upper
74 100
45 89.4 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.528 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

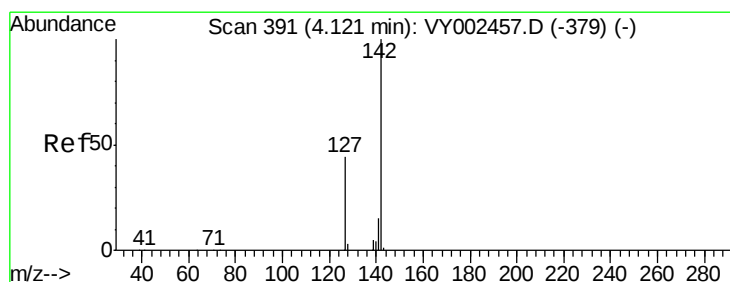
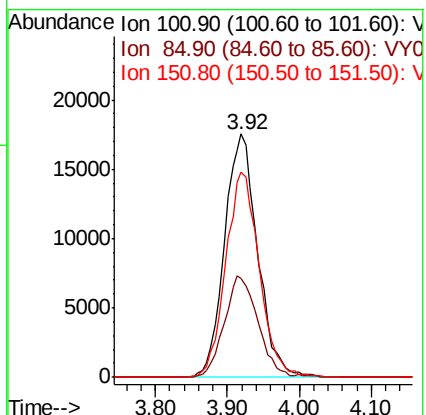
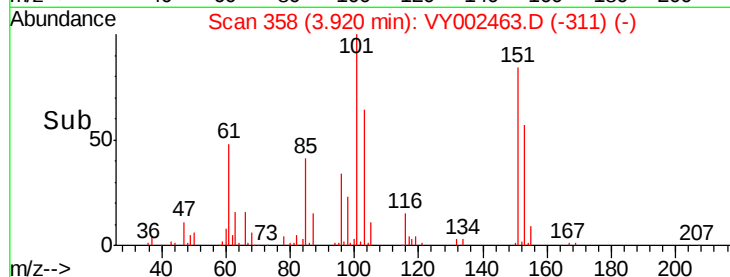
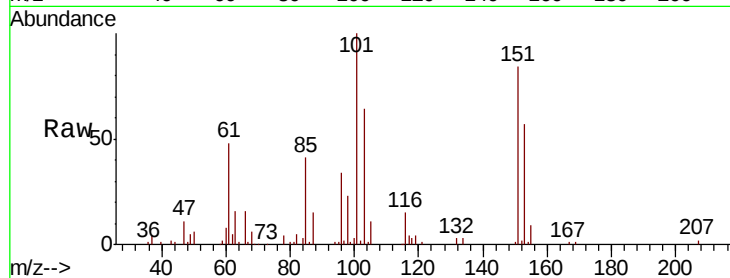
Tot Ion:101 Resp: 55968

Ion Ratio Lower Upper

101 100

85 42.3 34.1 51.1

151 85.6 70.3 105.5



#10

Methyl Iodide

Concen: 19.993 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

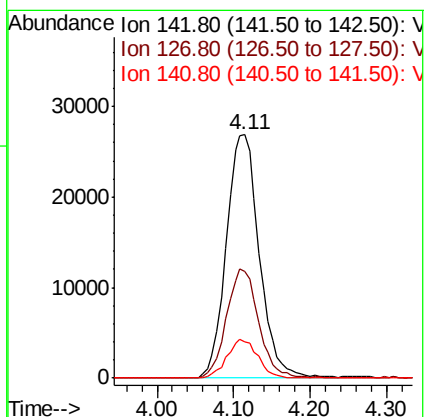
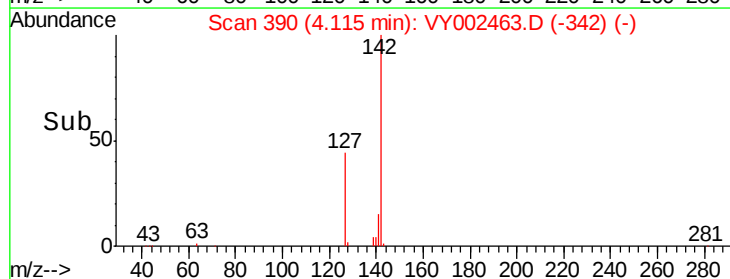
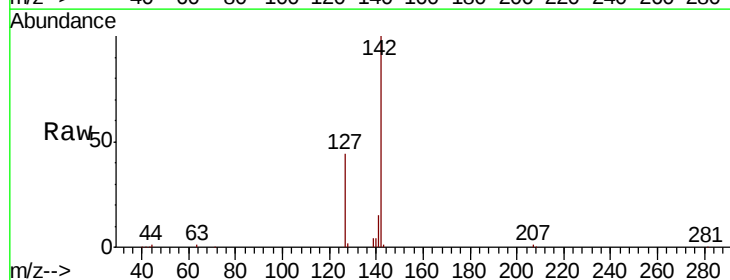
Tgt Ion:142 Resp: 80183

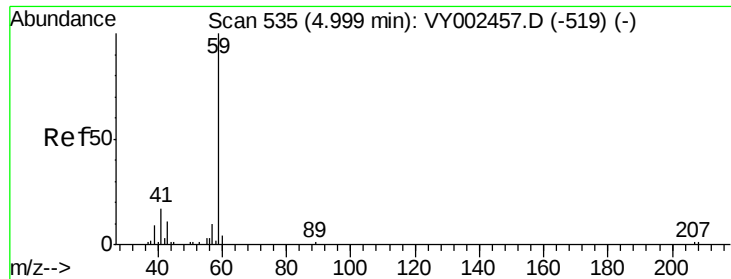
Ion Ratio Lower Upper

142 100

127 43.6 35.8 53.8

141 15.0 11.6 17.4

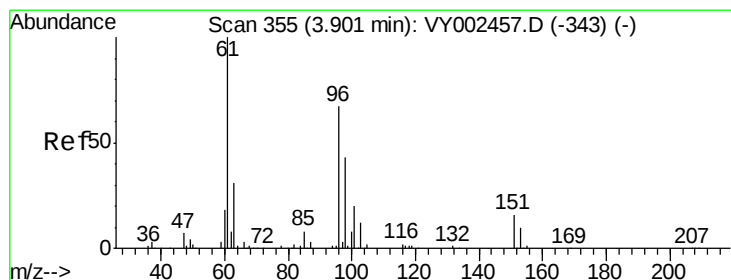
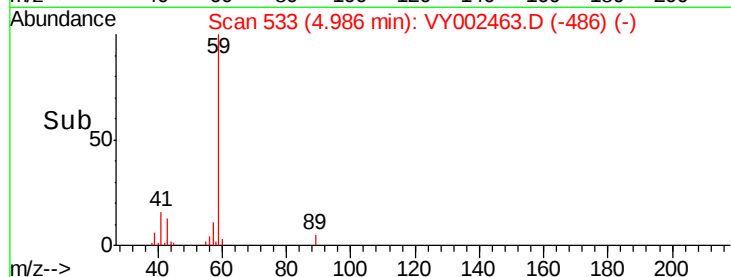
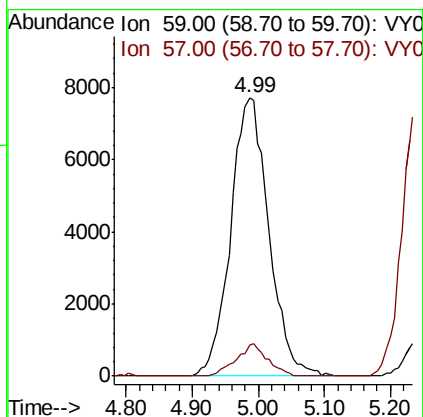
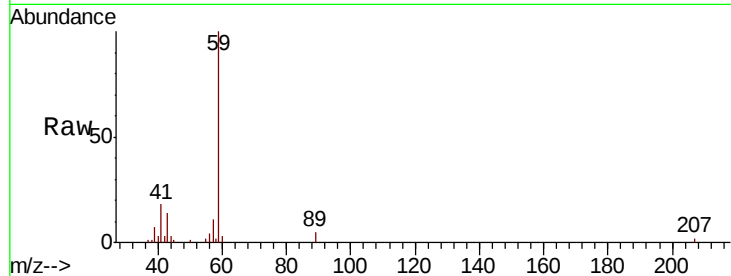




#11
Tert butyl alcohol
Concen: 120.300 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

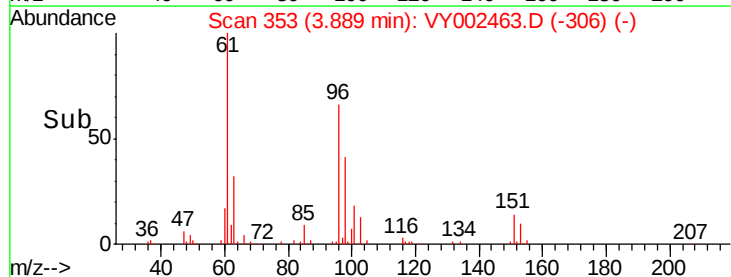
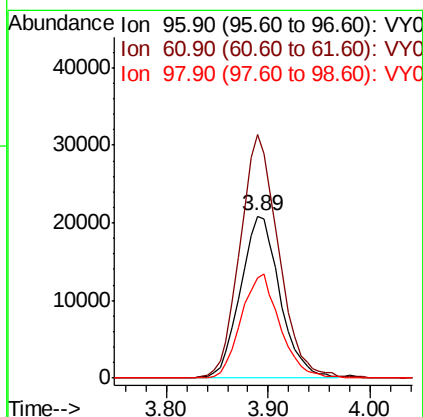
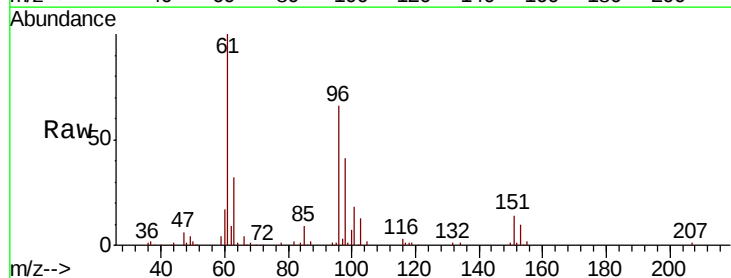
Instrument :
MSVOA_Y
ClientSampleId :

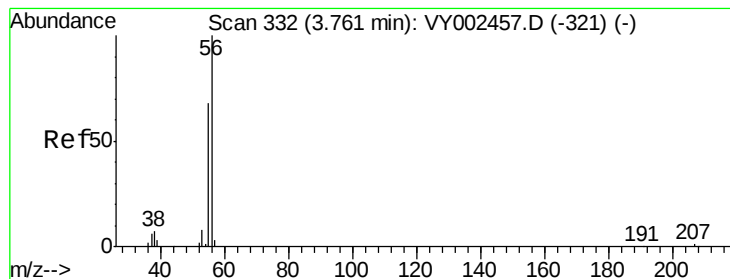
Tot Ion: 59 Resp: 30792
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 21.101 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 96 Resp: 56203
Ion Ratio Lower Upper
96 100
61 150.6 119.0 178.6
98 61.7 51.4 77.2





#13

Acrolein

Concen: 107.561 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

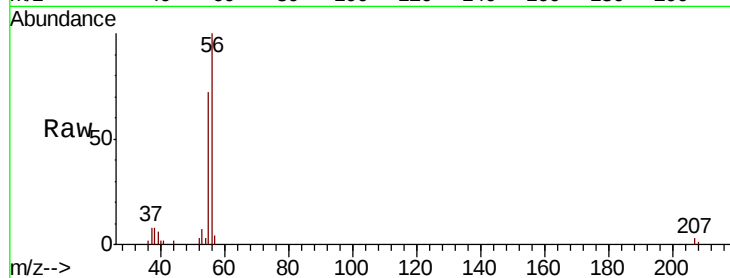
ClientSampleId :

Tot Ion: 56 Resp: 22039

Ion Ratio Lower Upper

56 100

55 70.7 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.75

8000

6000

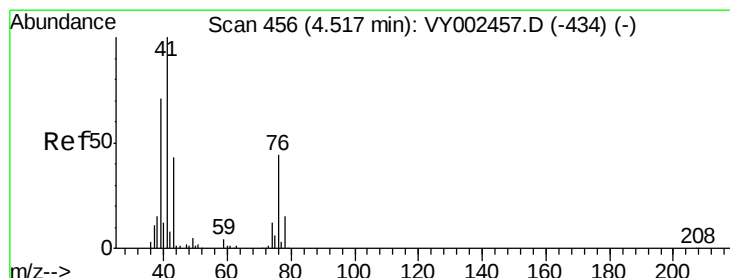
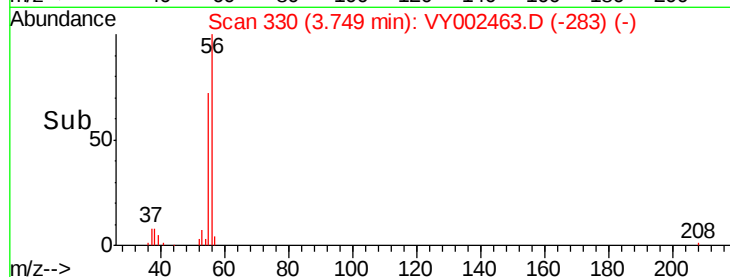
4000

2000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 21.092 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

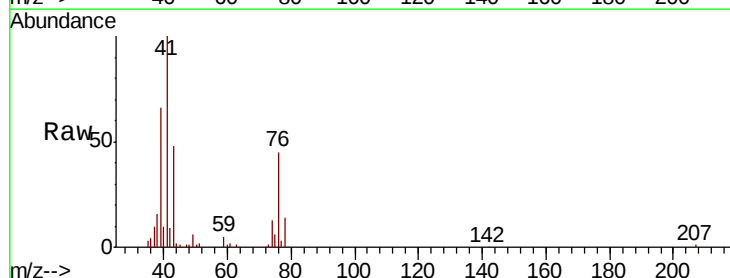
Tgt Ion: 41 Resp: 82562

Ion Ratio Lower Upper

41 100

39 64.2 55.1 82.7

76 40.3 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.50

30000

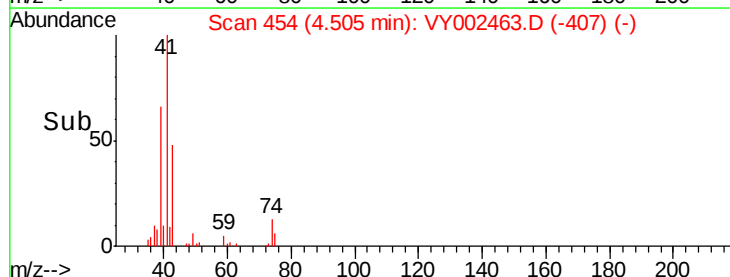
20000

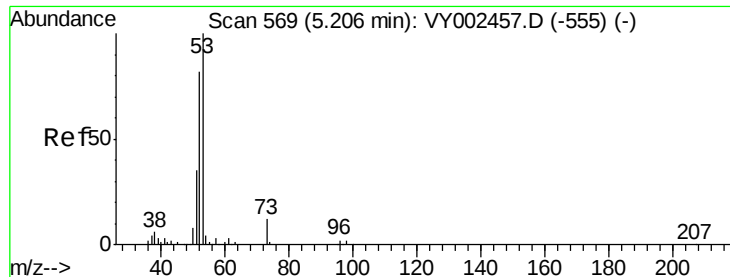
10000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 111.984 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

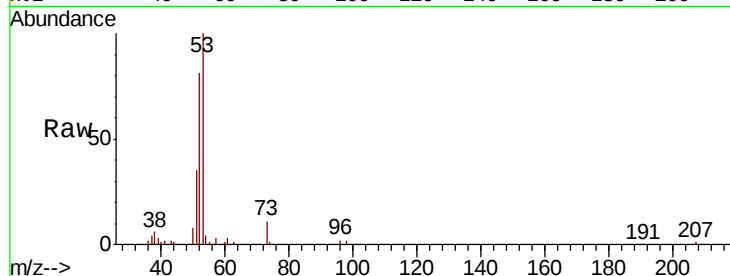
Tot Ion: 53 Resp: 83410

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

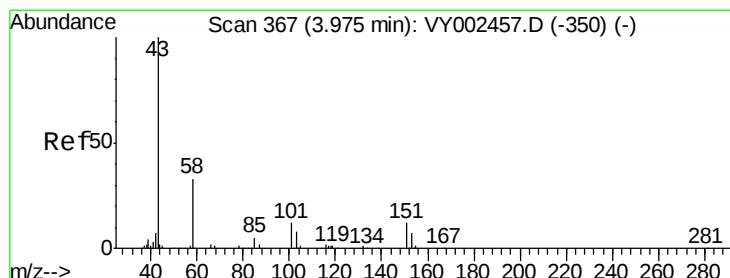
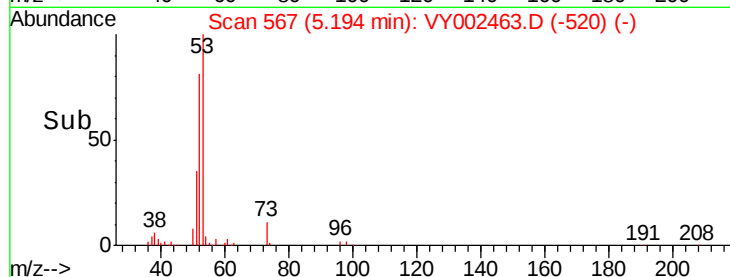
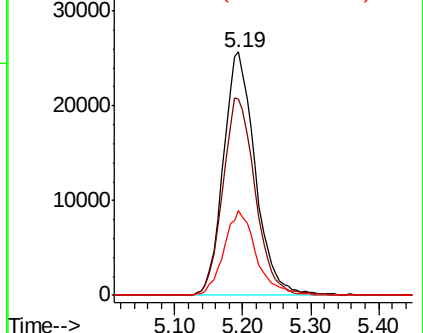
51 35.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 111.698 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002463.D

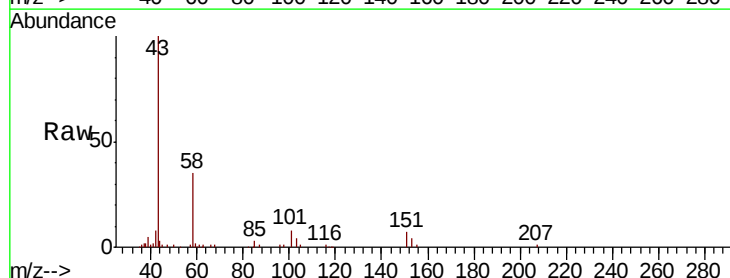
Acq: 23 Apr 2020 16:40

Tgt Ion: 43 Resp: 63482

Ion Ratio Lower Upper

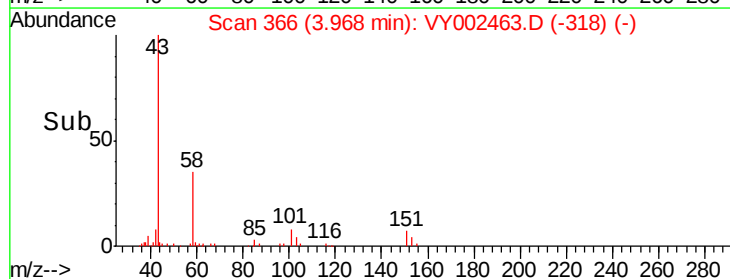
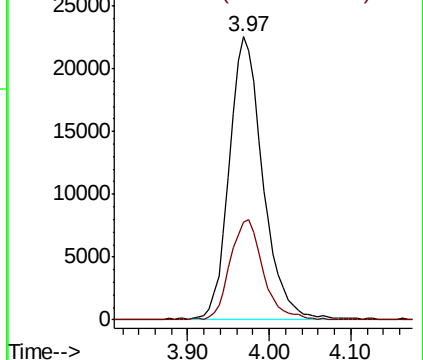
43 100

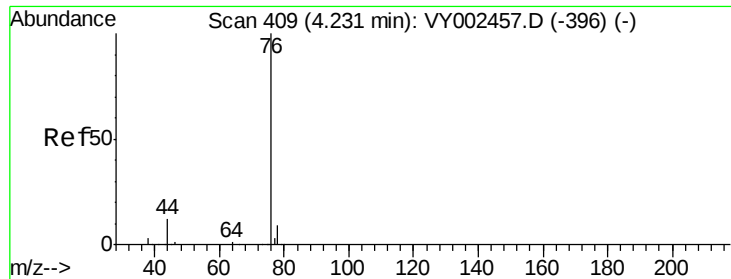
58 34.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

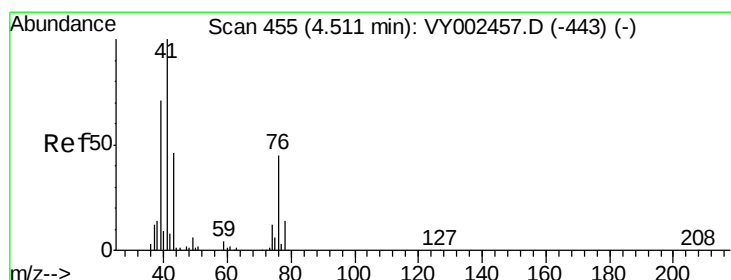
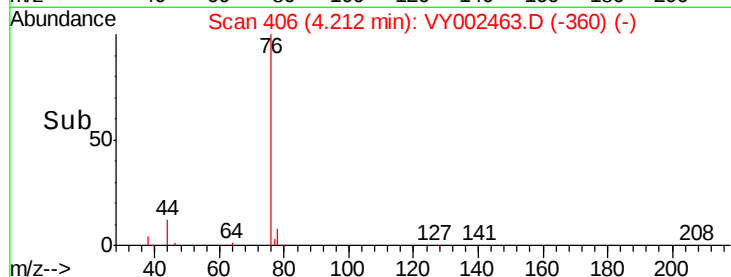
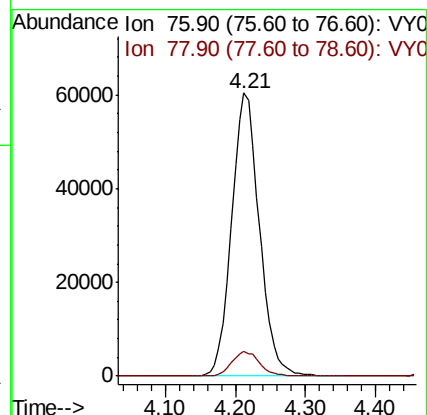
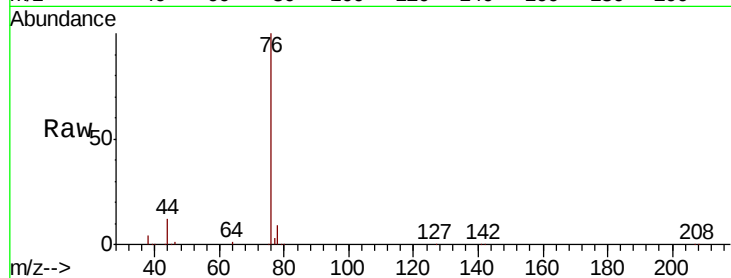




#17
Carbon Disulfide
Concen: 19.976 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

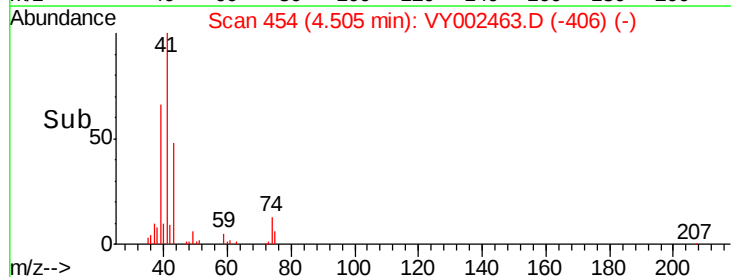
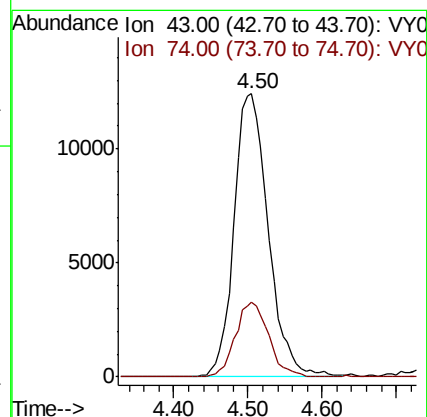
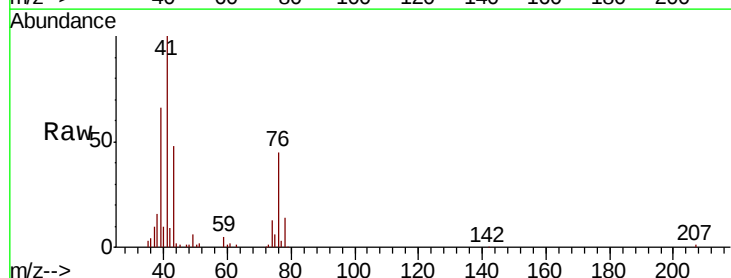
Instrument :
MSVOA_Y
ClientSampleId :

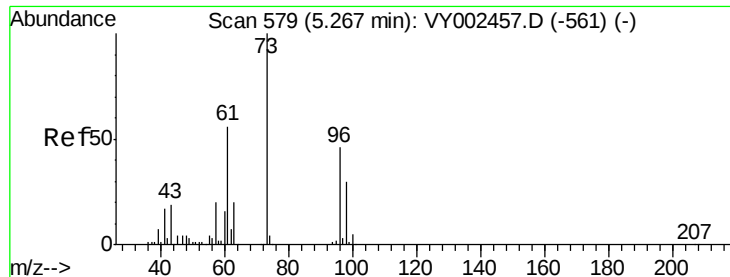
Tot Ion: 76 Resp: 165911
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 21.892 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 43 Resp: 40037
Ion Ratio Lower Upper
43 100
74 25.6 22.0 33.0

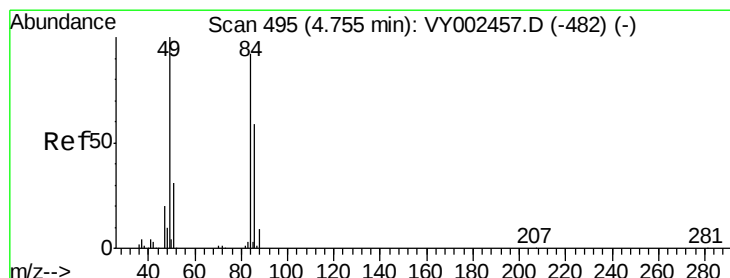
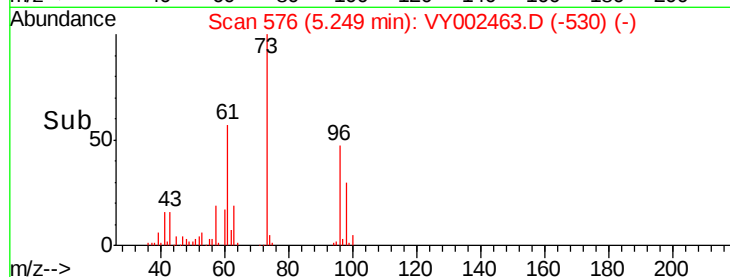
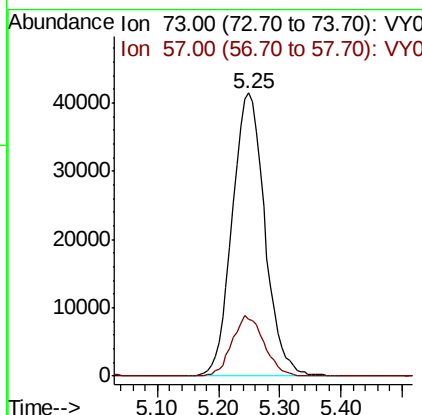
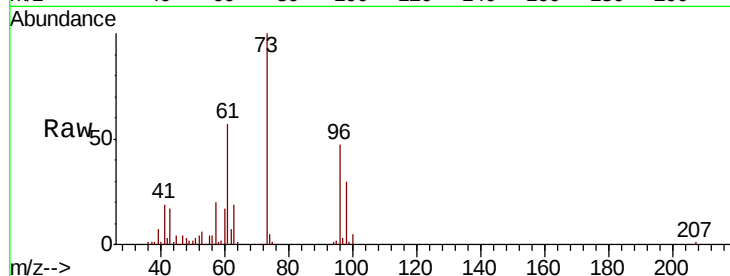




#19
Methyl tert-butyl Ether
Concen: 21.350 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

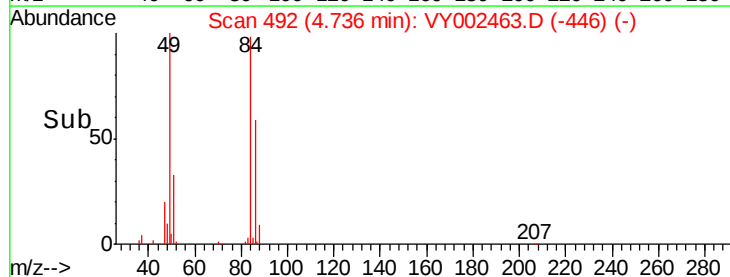
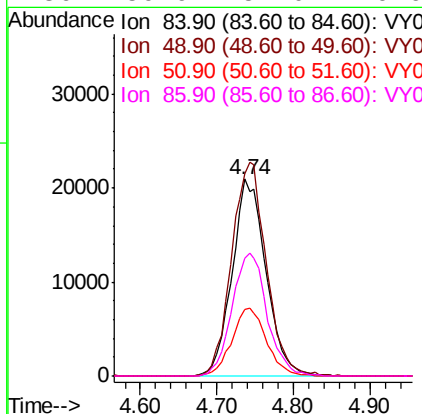
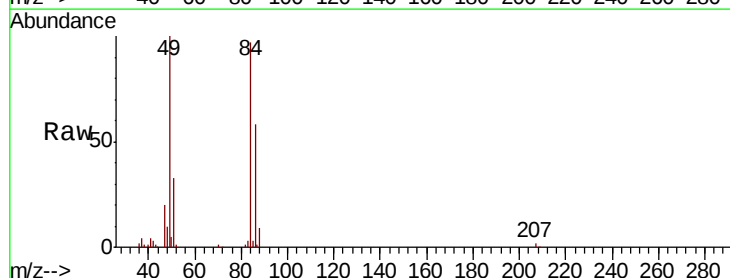
Instrument :
MSVOA_Y
ClientSampleId :

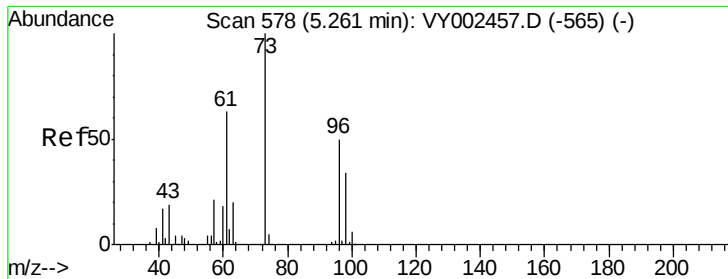
Tot Ion: 73 Resp: 153448
Ion Ratio Lower Upper
73 100
57 20.1 16.0 24.0



#20
Methylene Chloride
Concen: 19.806 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 84 Resp: 64267
Ion Ratio Lower Upper
84 100
49 102.6 86.9 130.3
51 33.9 27.3 40.9
86 59.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.326 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

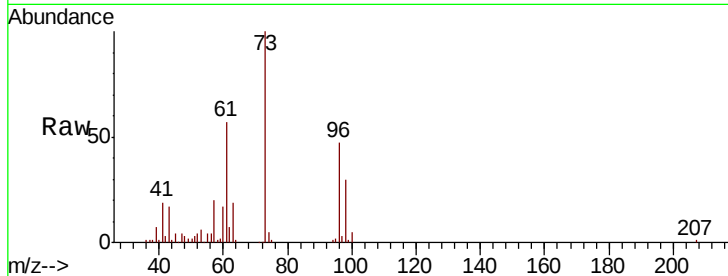
Tot Ion: 96 Resp: 60954

Ion Ratio Lower Upper

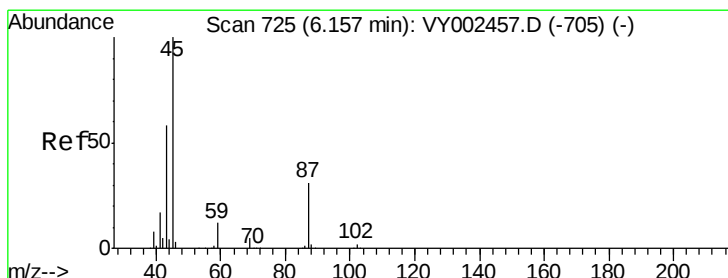
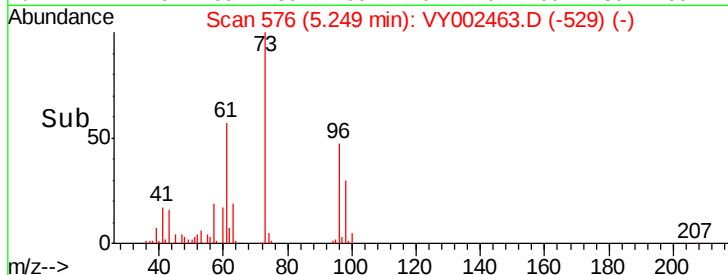
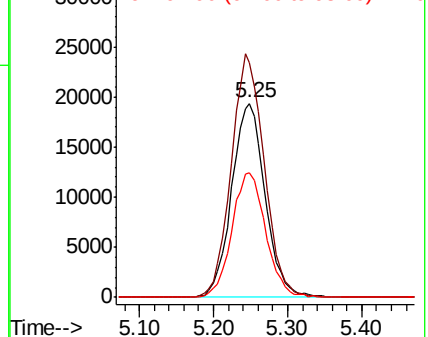
96 100

61 121.3 101.4 152.0

98 64.2 53.6 80.4



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



#22

Diisopropyl ether

Concen: 21.660 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Tgt Ion: 45 Resp: 167640

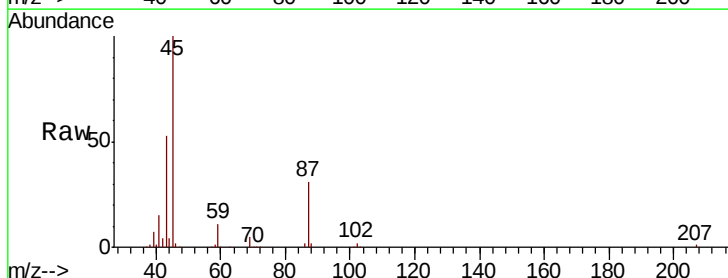
Ion Ratio Lower Upper

45 100

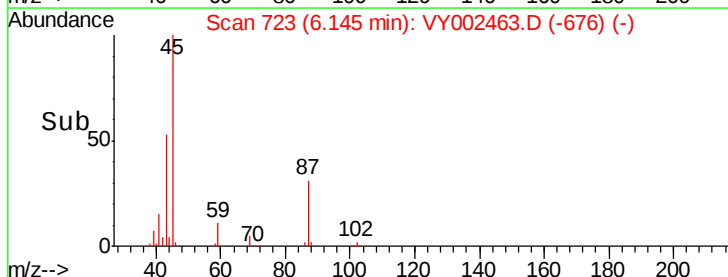
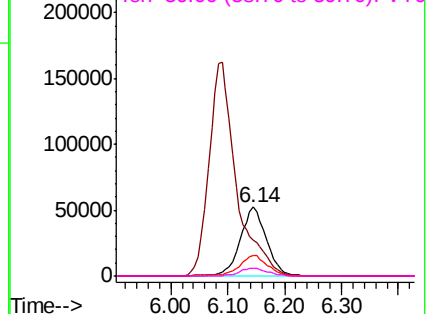
43 52.5 47.1 70.7

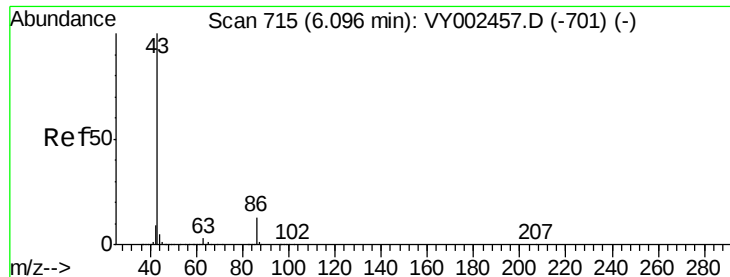
87 30.6 25.0 37.6

59 11.1 9.7 14.5



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





#23

Vinyl Acetate

Concen: 110.036 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

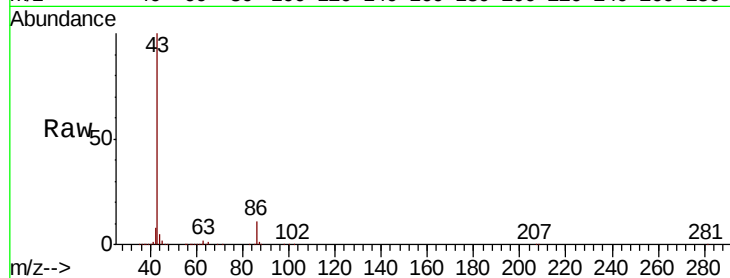
ClientSampleId :

Tot Ion: 43 Resp: 541145

Ion Ratio Lower Upper

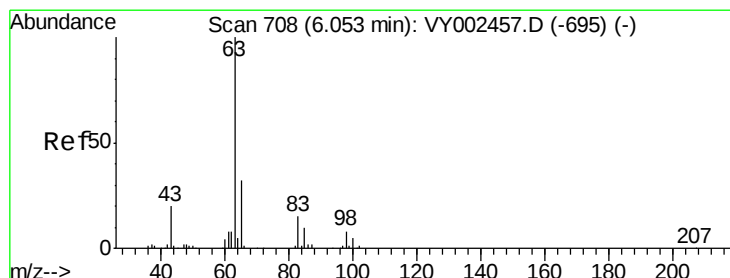
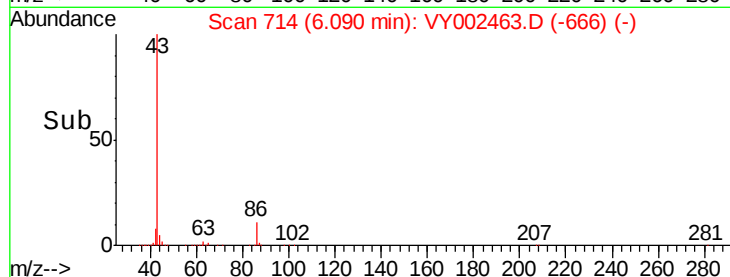
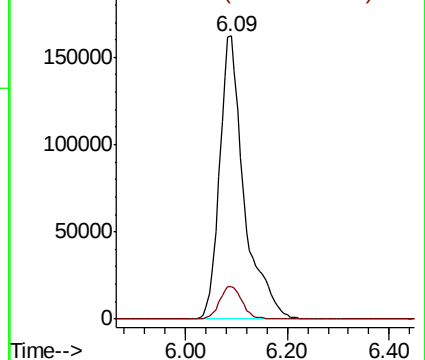
43 100

86 11.4 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.648 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

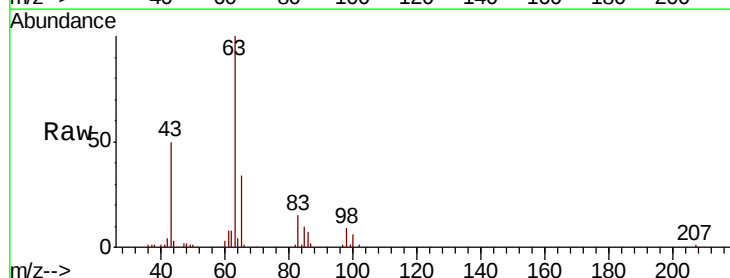
Tgt Ion: 63 Resp: 96753

Ion Ratio Lower Upper

63 100

98 9.0 4.1 12.3

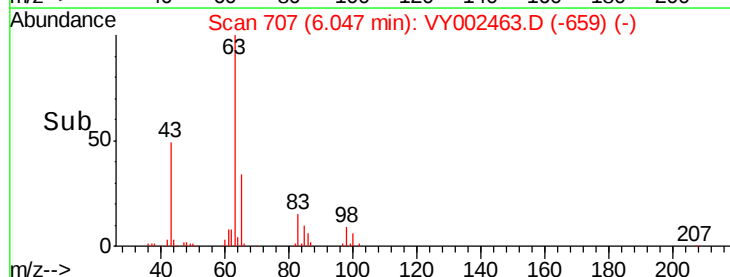
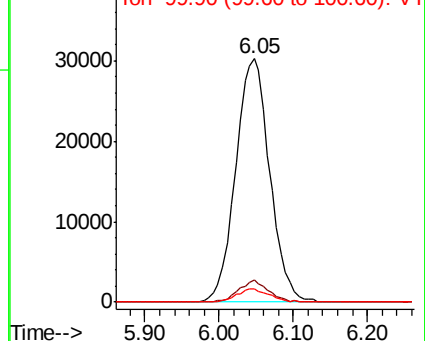
100 5.6 2.5 7.4

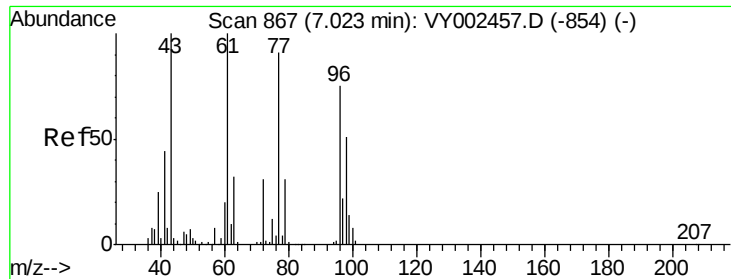


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 114.127 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

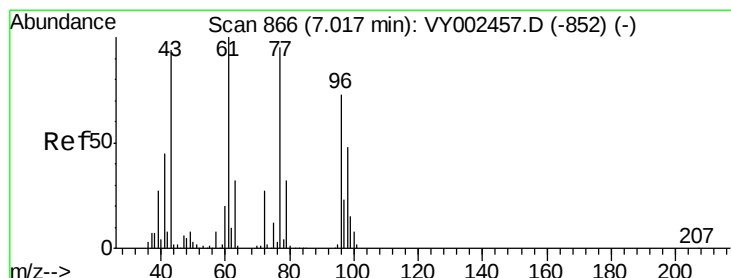
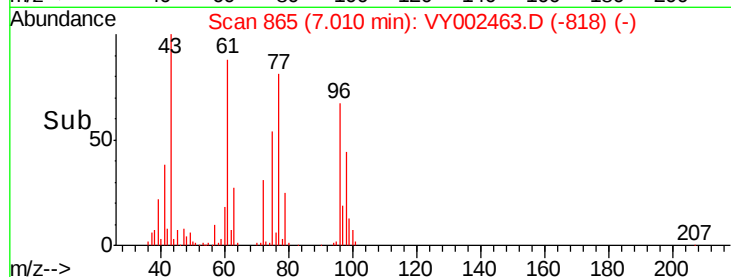
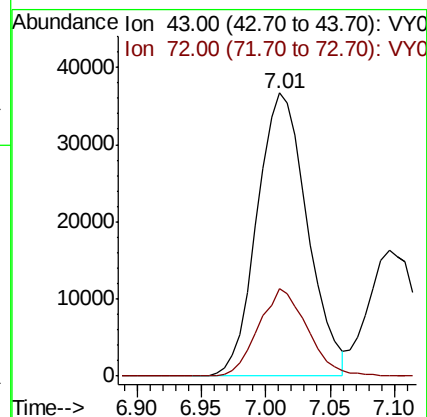
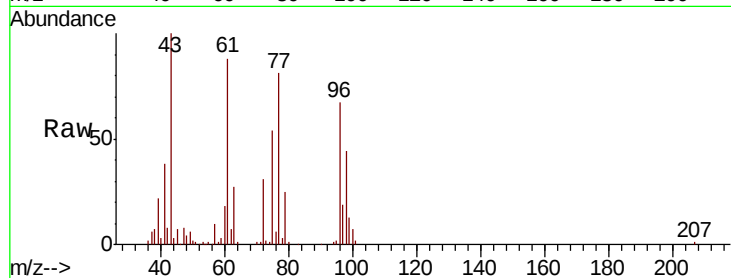
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 99370

Ion Ratio Lower Upper

43 100

72 30.7 24.8 37.2



#26

2,2-Dichloropropane

Concen: 20.297 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002463.D

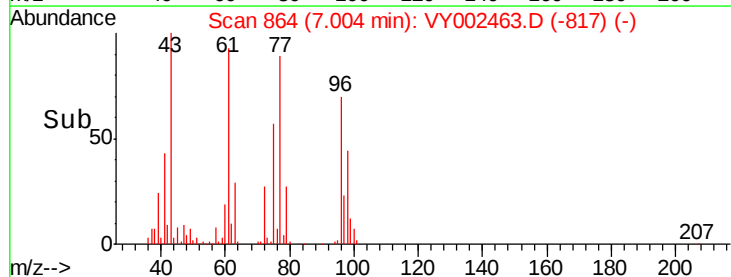
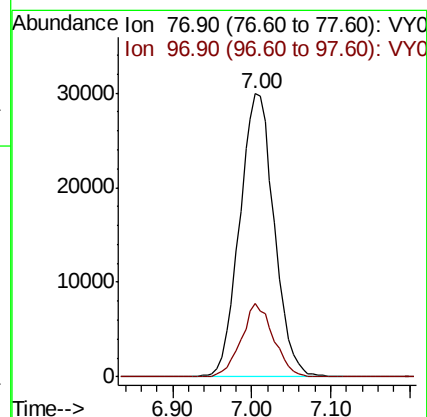
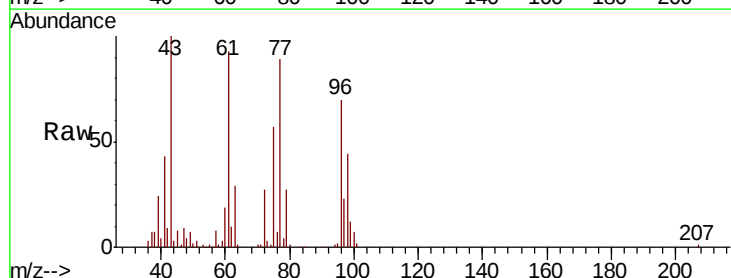
Acq: 23 Apr 2020 16:40

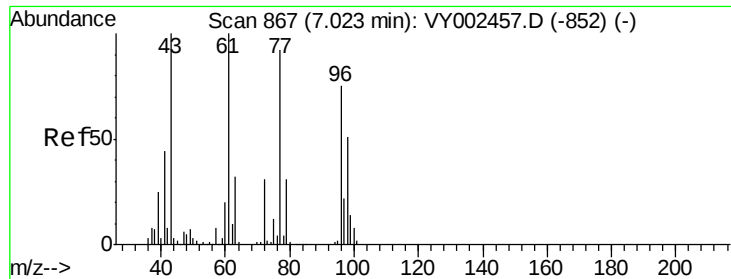
Tgt Ion: 77 Resp: 90956

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.0



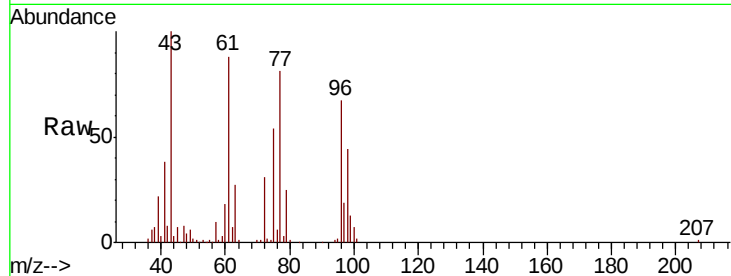


#27

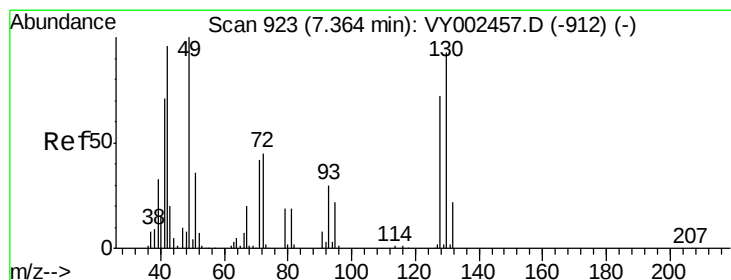
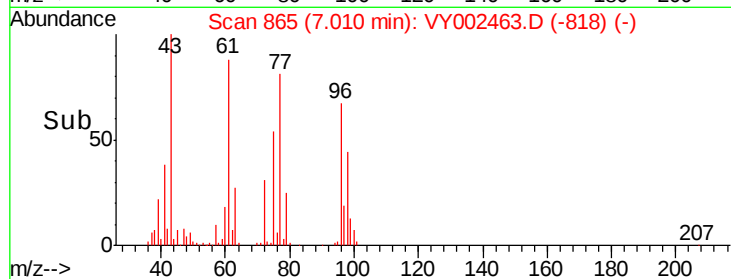
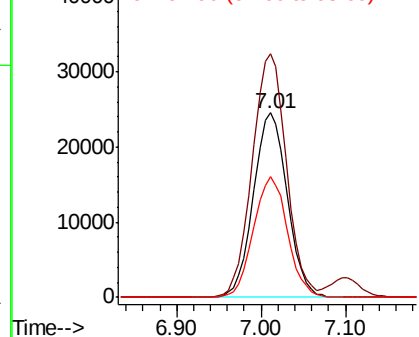
cis-1,2-Dichloroethene
Concen: 20.623 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 67265
Ion Ratio Lower Upper
96 100
61 132.5 0.0 262.6
98 65.6 0.0 131.0



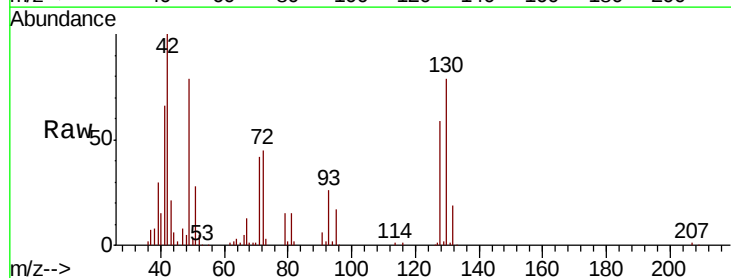
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



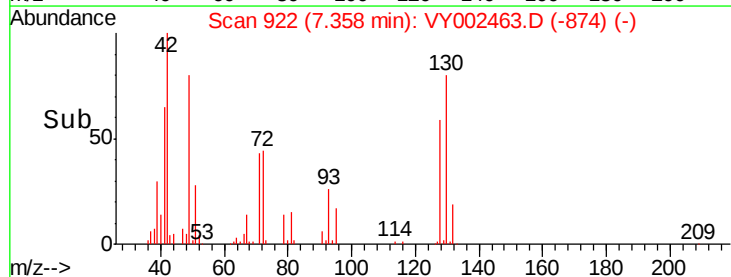
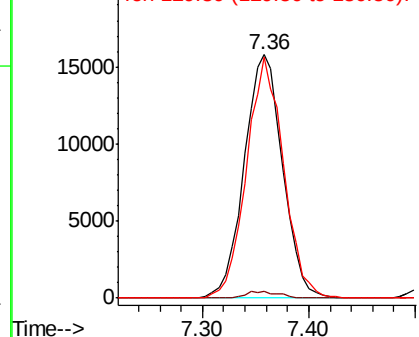
#28

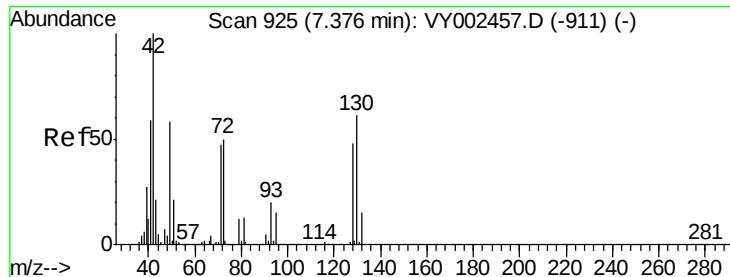
Bromochloromethane
Concen: 21.859 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 49 Resp: 39960
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.6
130 95.1 76.3 114.5



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 114.388 ug/l

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

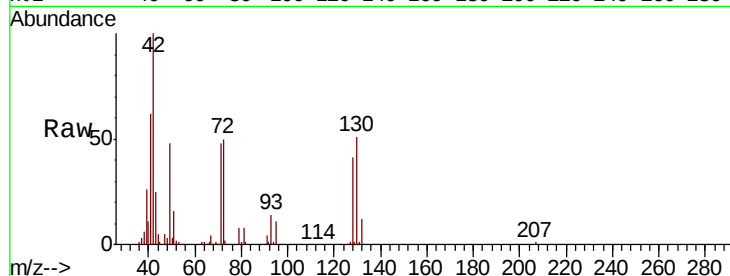
Tot Ion: 42 Resp: 66033

Ion Ratio Lower Upper

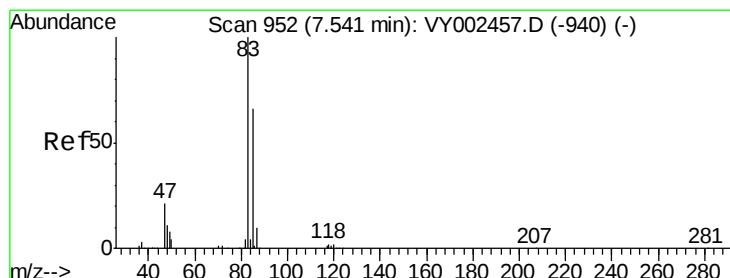
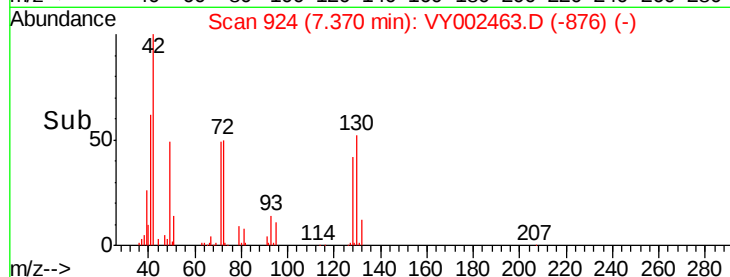
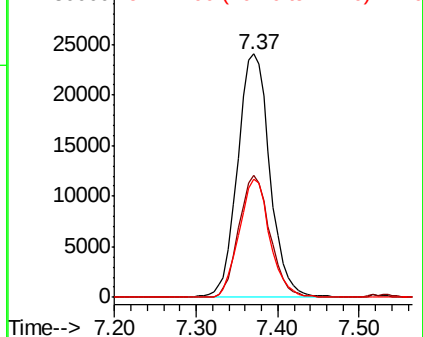
42 100

72 47.9 39.5 59.3

71 46.0 37.6 56.4



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: 20.516 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY002463.D

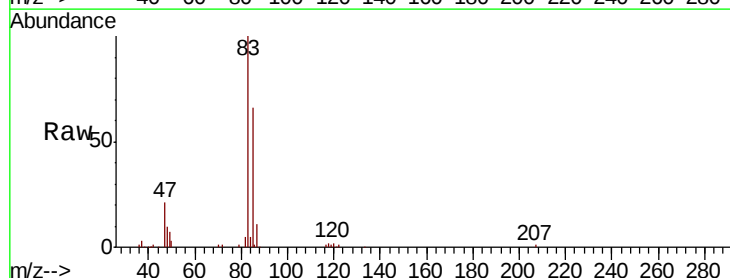
Acq: 23 Apr 2020 16:40

Tgt Ion: 83 Resp: 102357

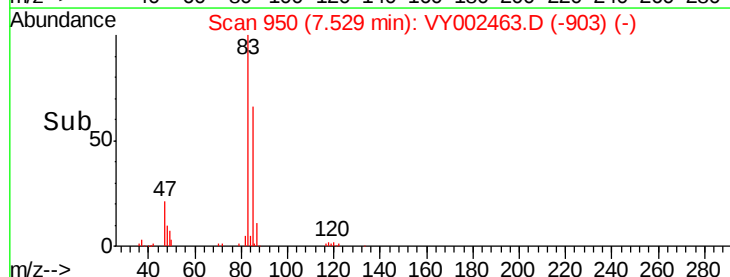
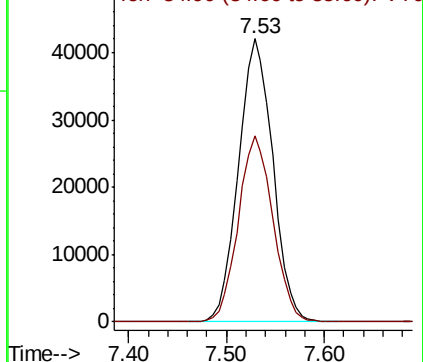
Ion Ratio Lower Upper

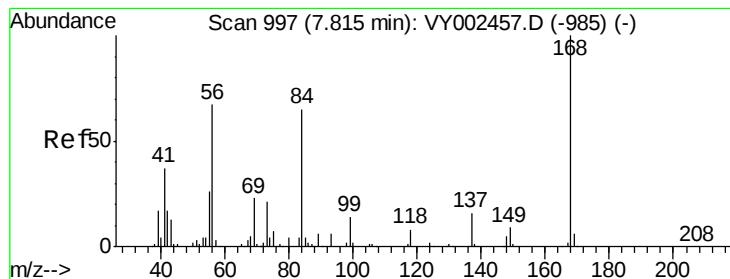
83 100

85 65.7 52.4 78.6



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





#31

Cyclohexane

Concen: 19.740 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

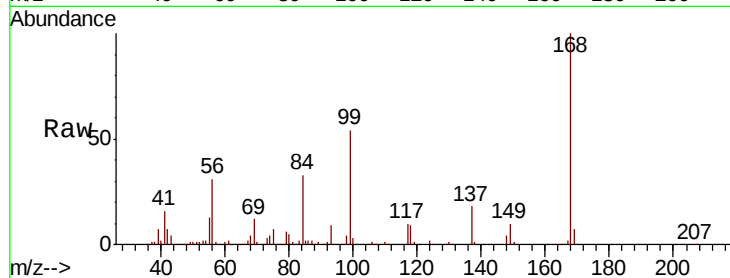
Tot Ion: 56 Resp: 92495

Ion Ratio Lower Upper

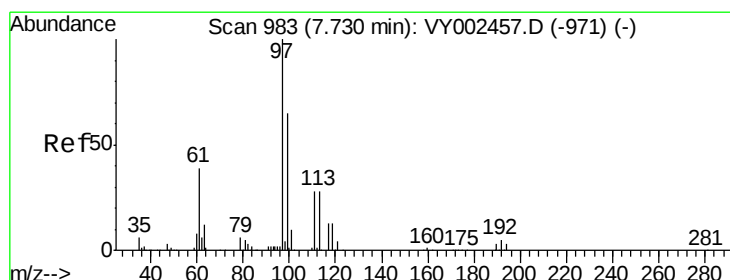
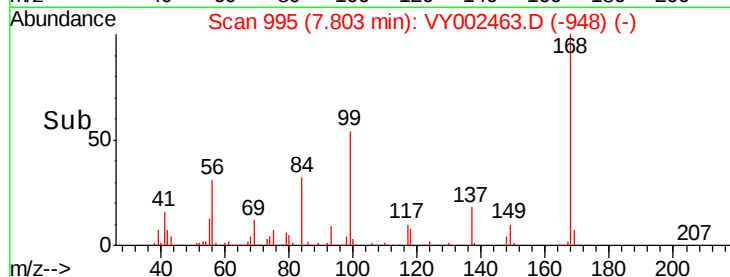
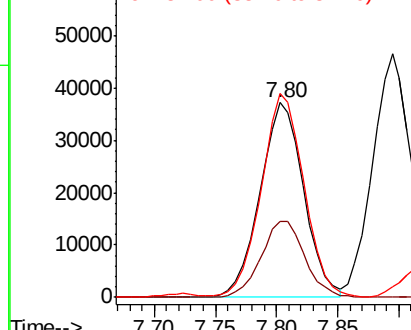
56 100

69 39.1 27.0 40.6

84 103.3 77.4 116.2



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: 20.295 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

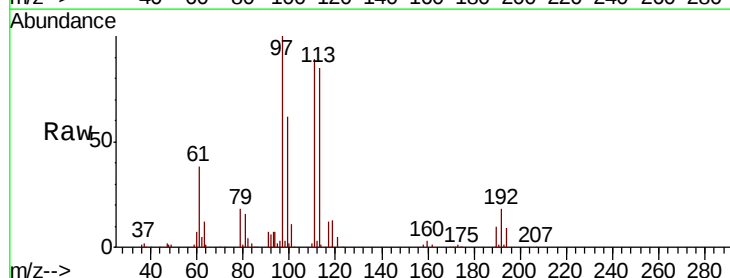
Tgt Ion: 97 Resp: 95678

Ion Ratio Lower Upper

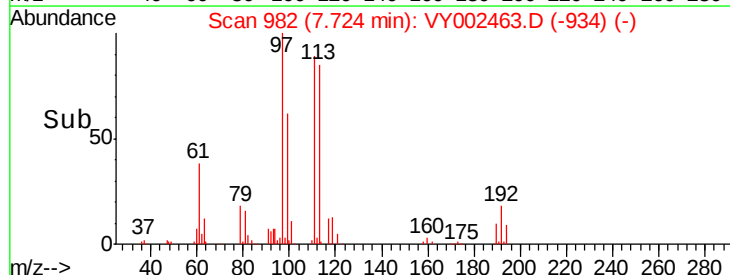
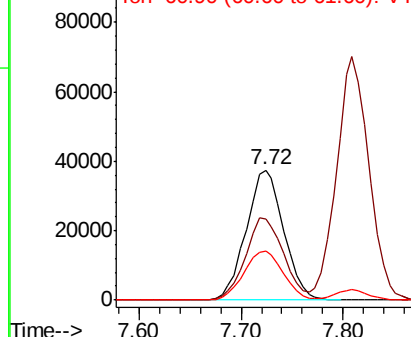
97 100

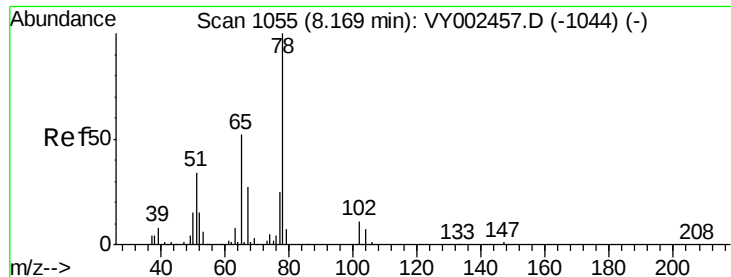
99 64.4 51.6 77.4

61 39.5 30.6 45.8



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: 49.824 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

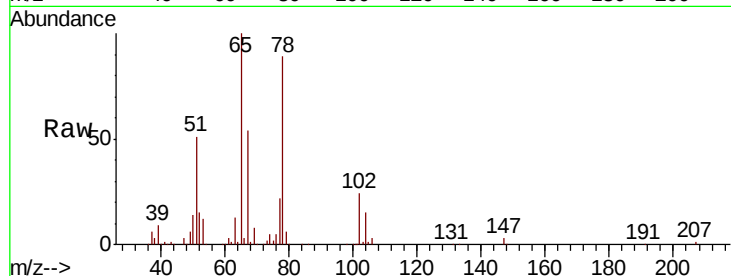
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 135498

Ion Ratio Lower Upper

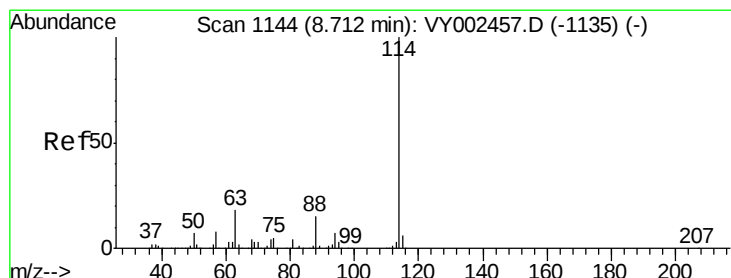
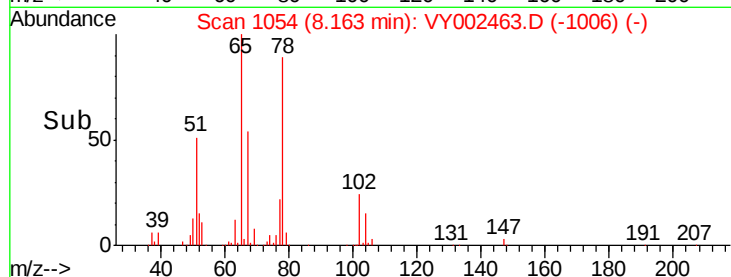
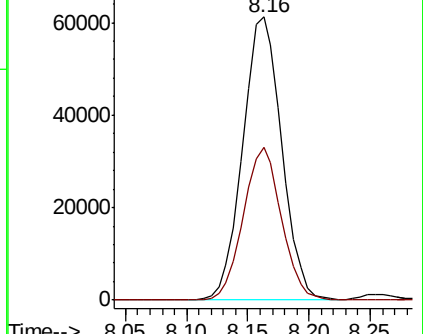
65 100

67 52.9 0.0 104.2



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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

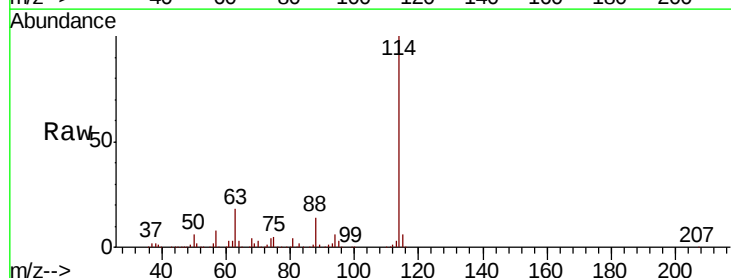
Tgt Ion: 114 Resp: 465566

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

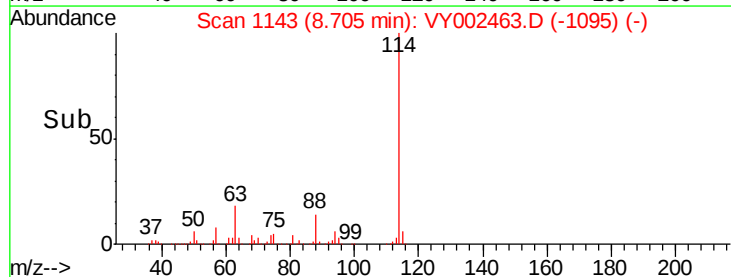
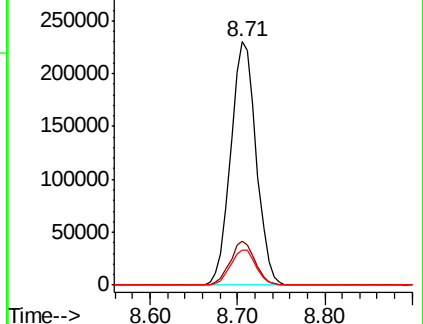
88 14.1 0.0 29.4

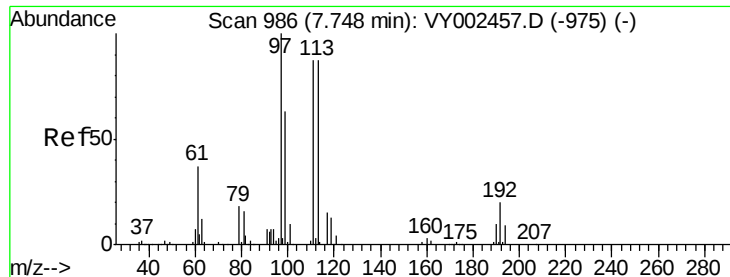


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.085 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

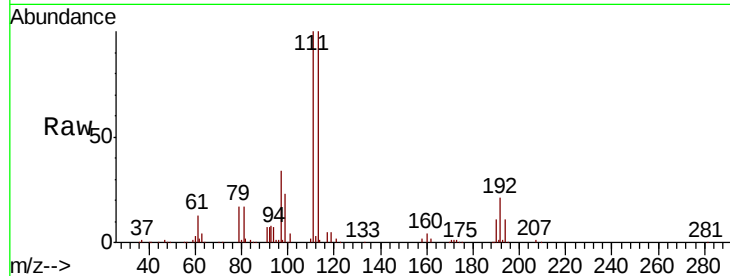
Tot Ion:113 Resp: 134152

Ion Ratio Lower Upper

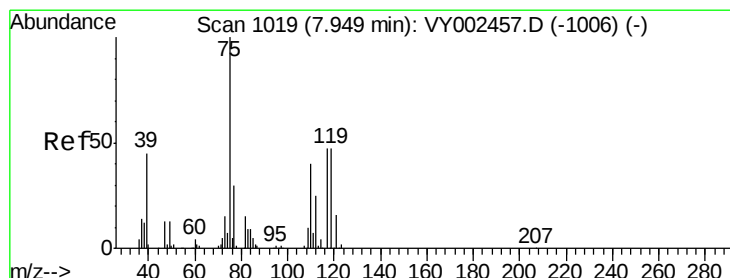
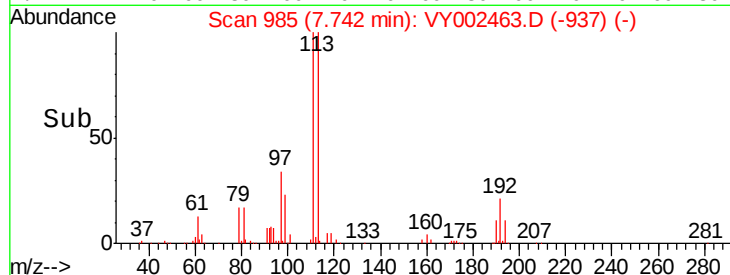
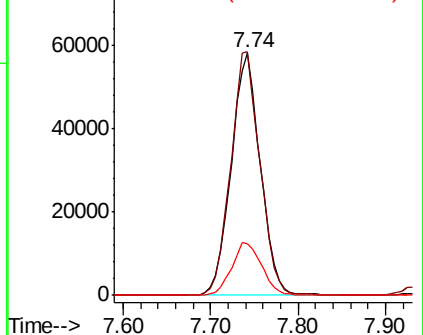
113 100

111 101.3 81.0 121.4

192 22.5 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.697 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

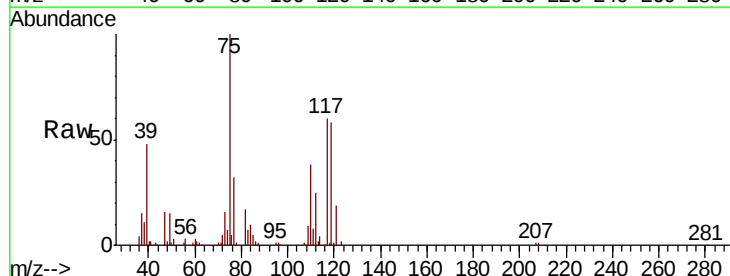
Tgt Ion: 75 Resp: 78629

Ion Ratio Lower Upper

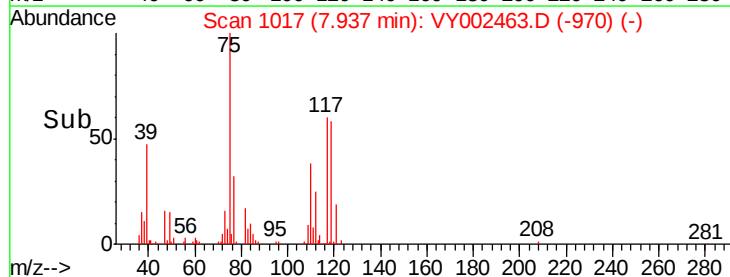
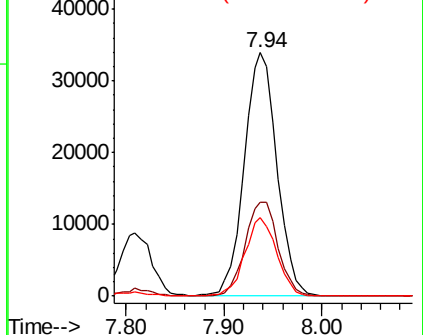
75 100

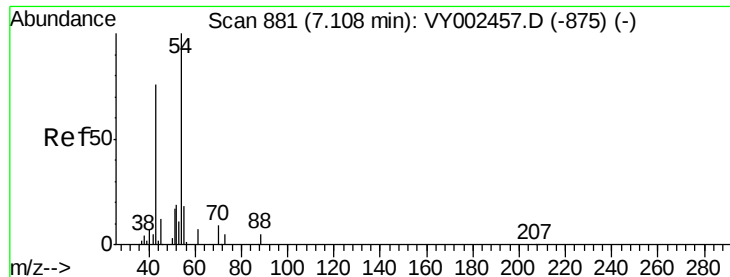
110 38.8 19.4 58.4

77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

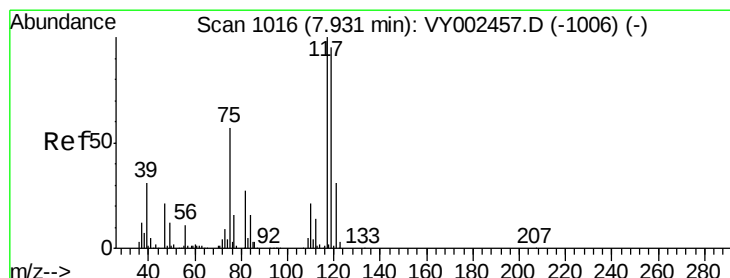
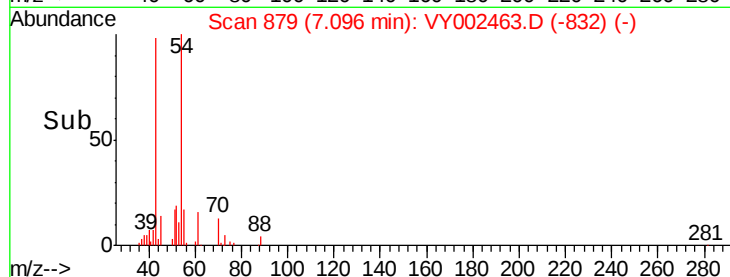
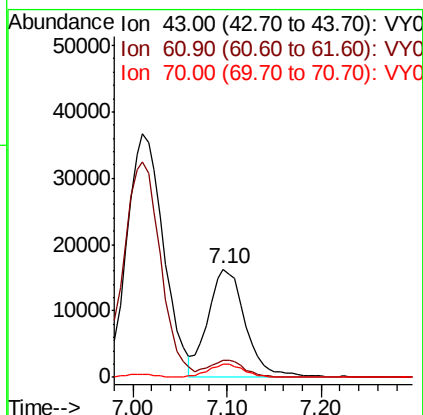
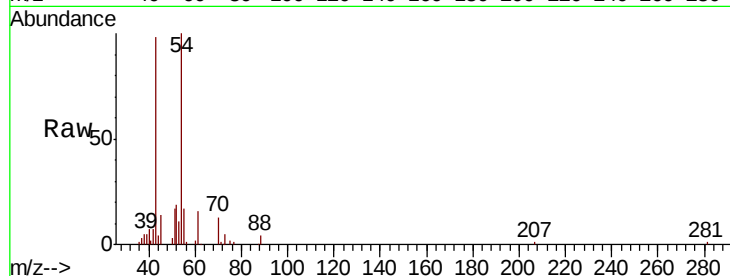




#37
Ethyl Acetate
Concen: 22.239 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

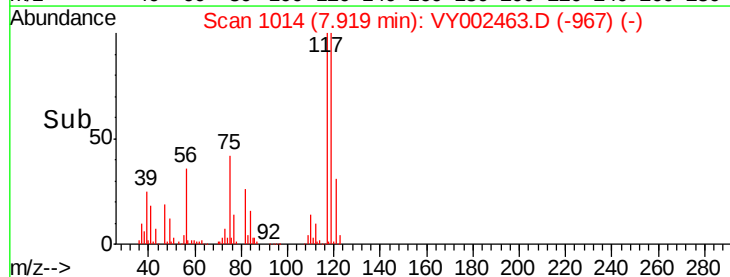
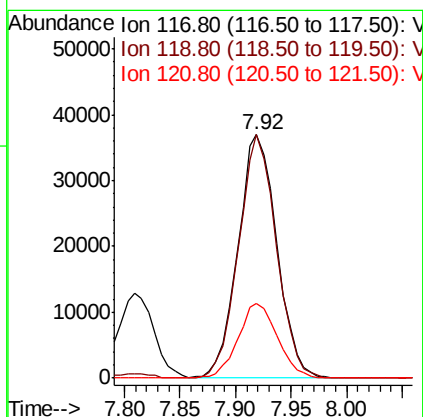
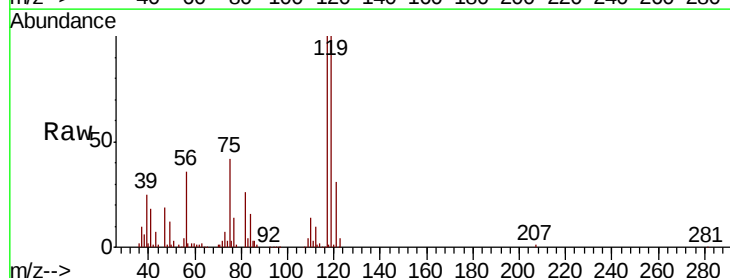
Instrument :
MSVOA_Y
ClientSampled :

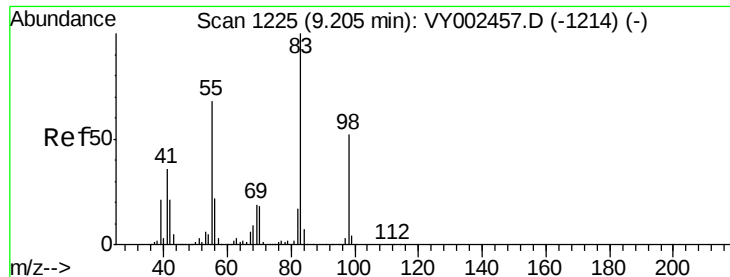
Tot Ion: 43 Resp: 44600
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.568 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 117 Resp: 89830
Ion Ratio Lower Upper
117 100
119 99.8 75.9 113.9
121 30.9 24.5 36.7

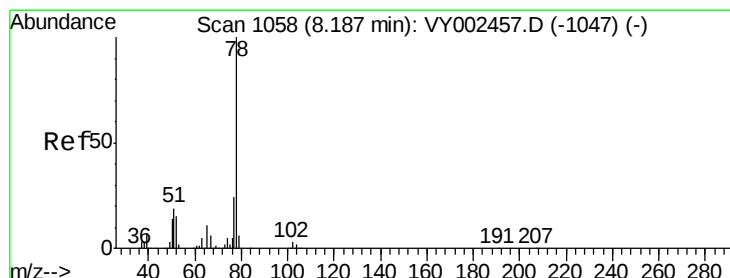
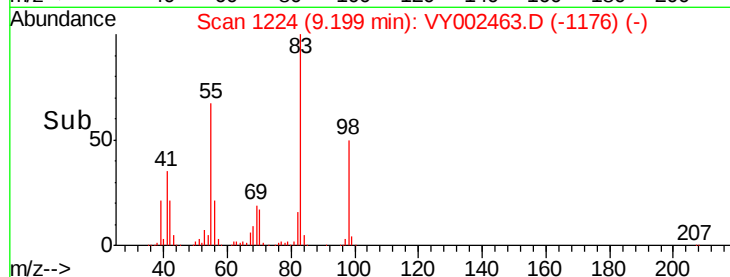
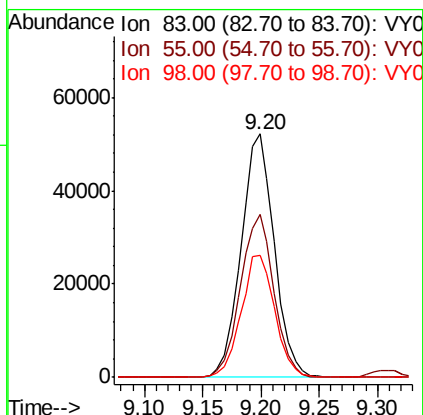
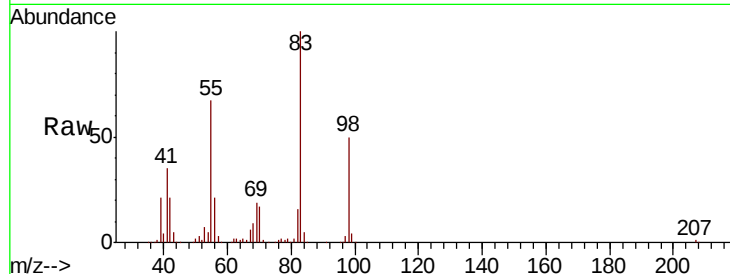




#39
Methvlcvclohexane
Concen: 19.851 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

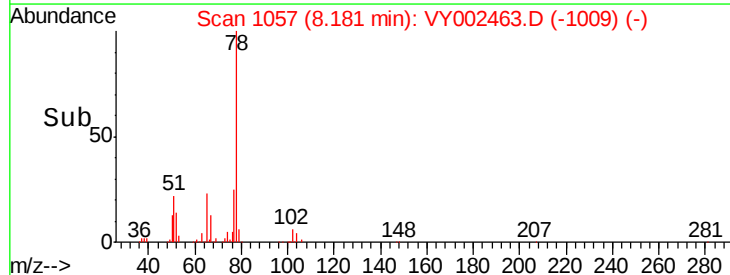
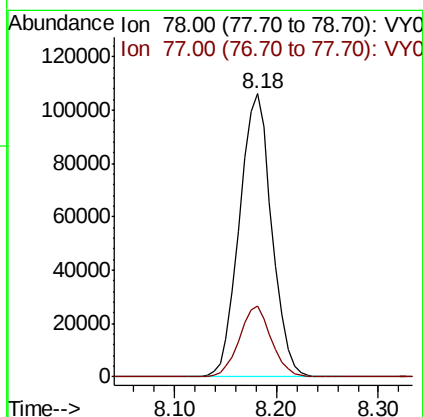
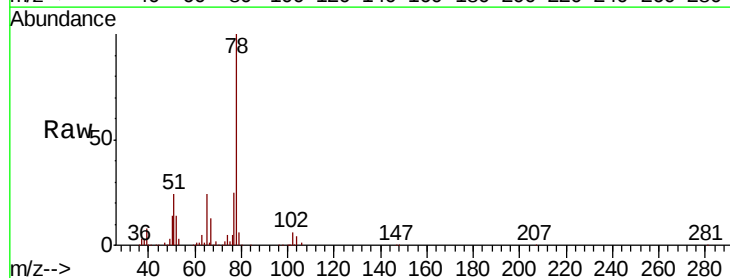
Instrument :
MSVOA_Y
ClientSampleId :

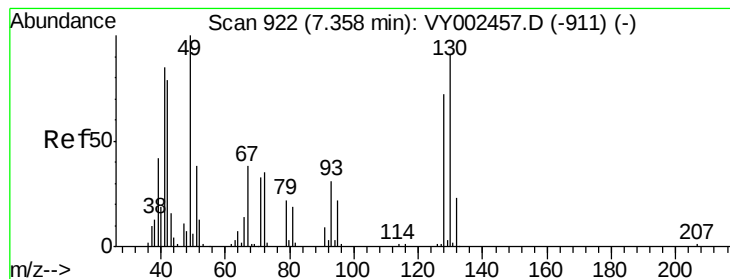
Tot Ion: 83 Resp: 103373
Ion Ratio Lower Upper
83 100
55 66.9 54.2 81.2
98 50.3 41.9 62.9



#40
Benzene
Concen: 20.234 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 78 Resp: 233461
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0





#41

Methacrylonitrile

Concen: 49.634 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 61328

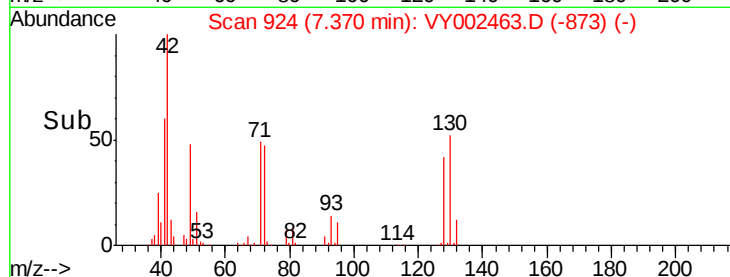
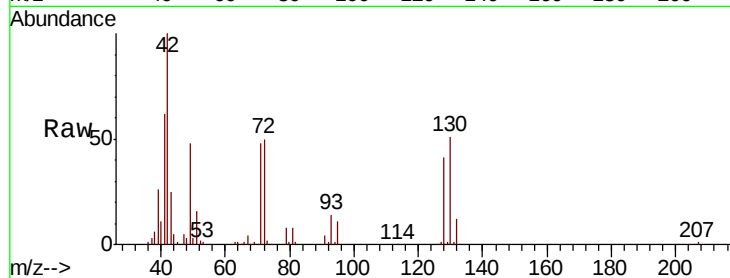
Ion Ratio Lower Upper

41 100

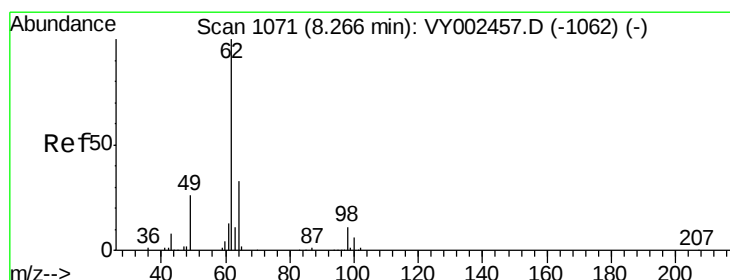
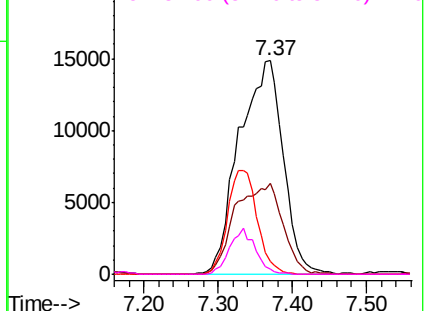
39 45.9 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 20.648 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002463.D

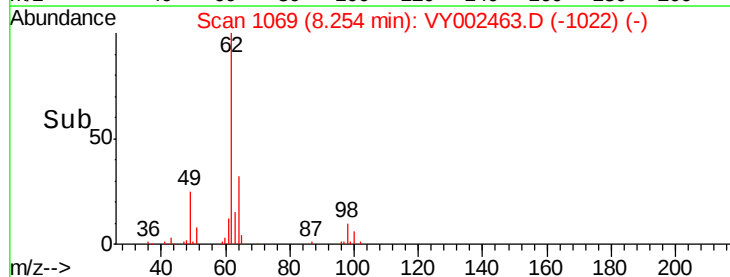
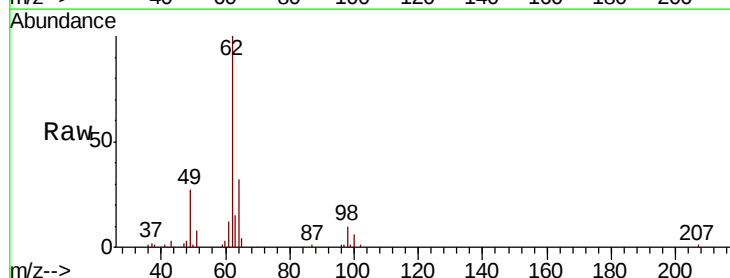
Acq: 23 Apr 2020 16:40

Tgt Ion: 62 Resp: 69206

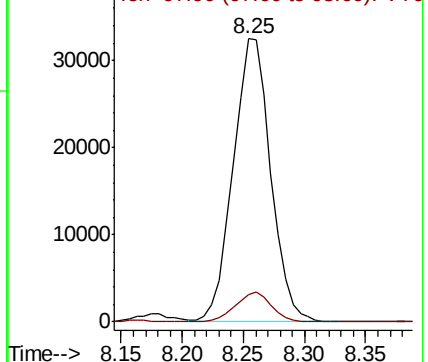
Ion Ratio Lower Upper

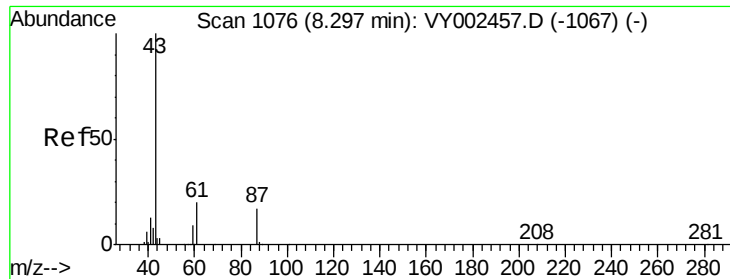
62 100

98 10.0 0.0 20.6



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



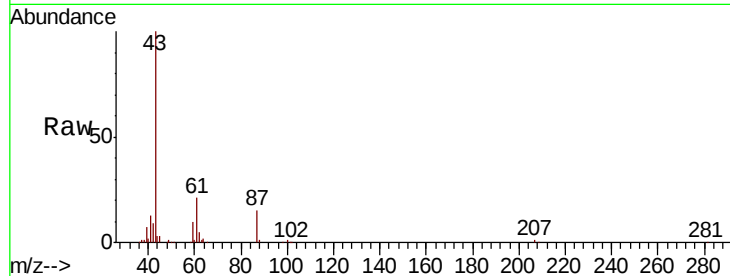


#43

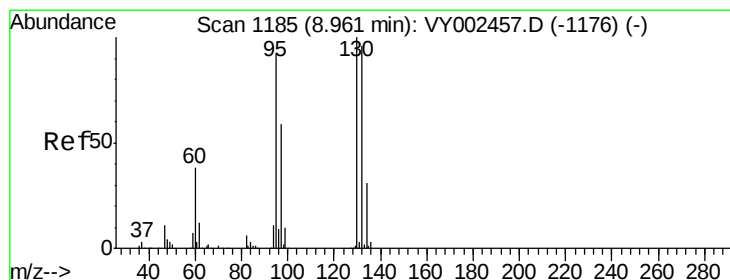
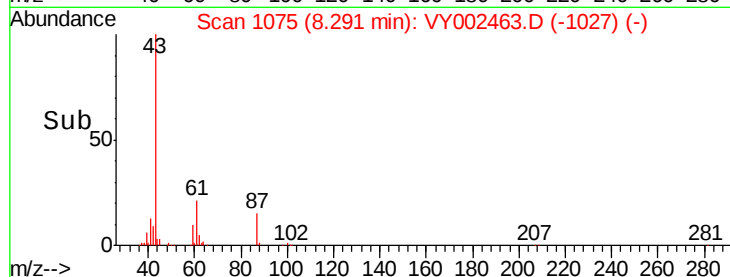
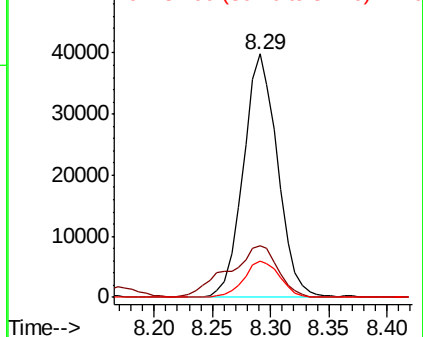
Isopropyl Acetate
 Concen: 21.803 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	81783
Ion Ratio	Lower	Upper	
43	100		
61	30.6	25.0	37.4
87	15.6	13.0	19.4



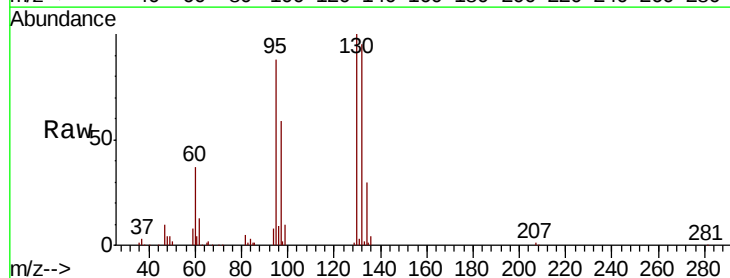
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



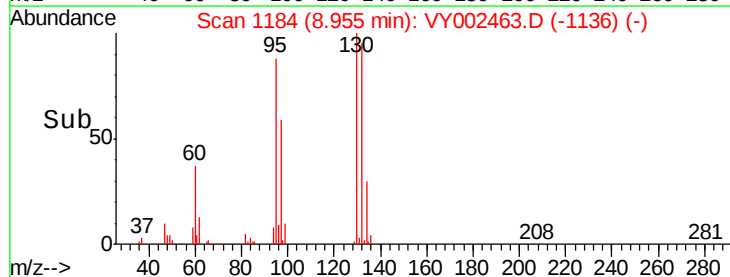
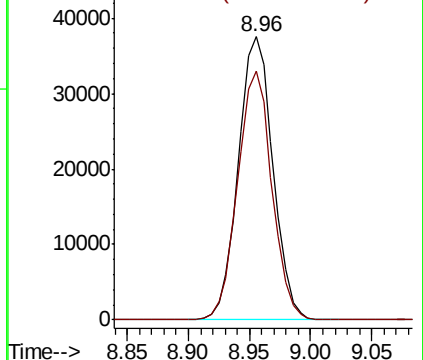
#44

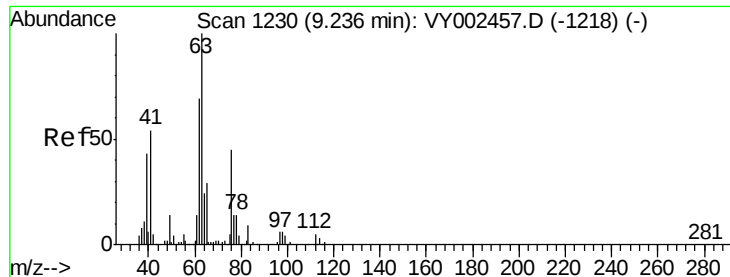
Trichloroethene
 Concen: 20.417 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion	130	Resp	73660
Ion Ratio	Lower	Upper	
130	100		
95	88.0	0.0	184.2



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

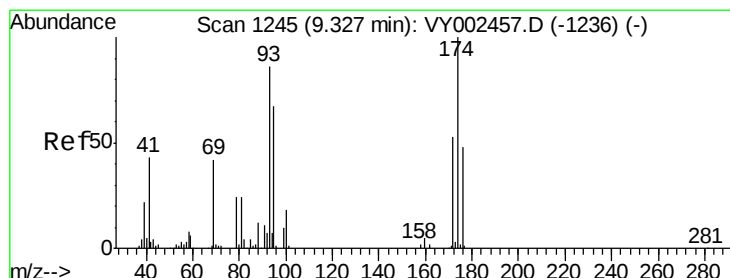
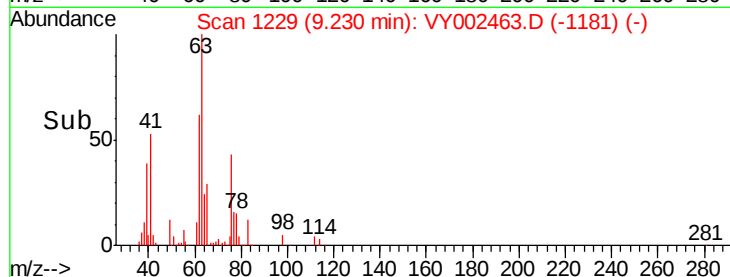
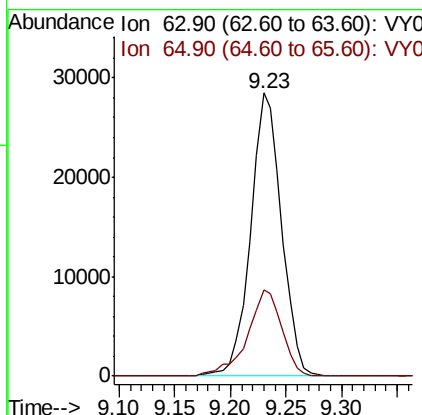
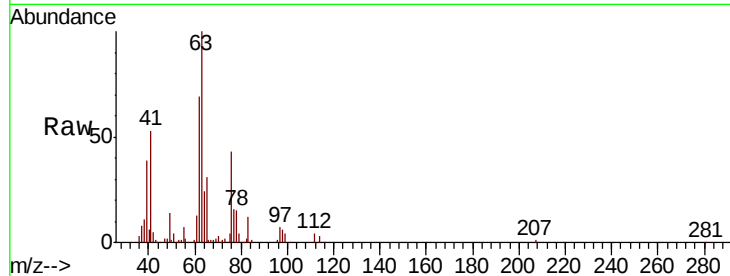




#45
 1,2-Dichloropropane
 Concen: 20.644 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

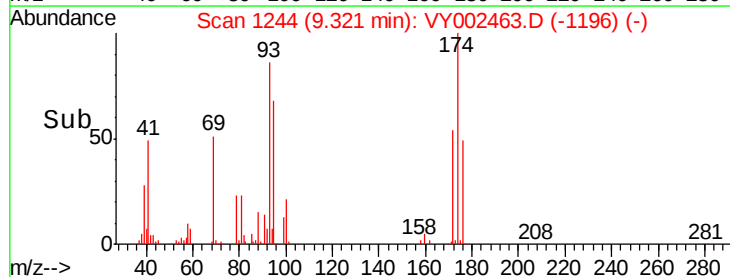
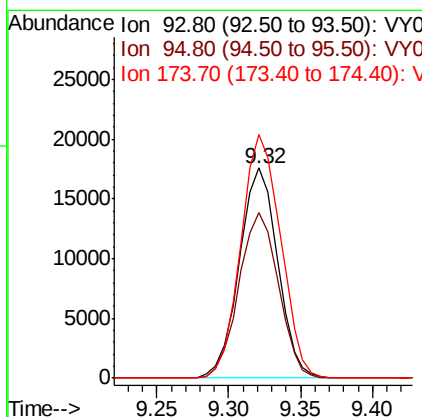
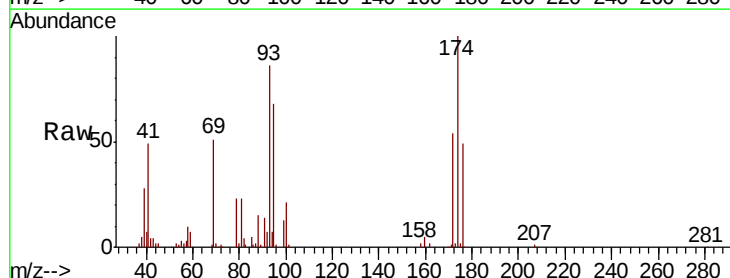
Instrument :
 MSVOA_Y
 ClientSampleId :

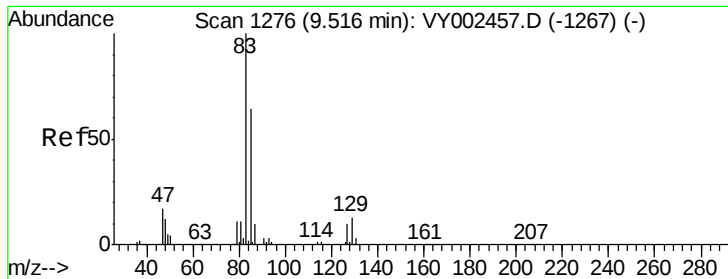
Tot Ion: 63 Resp: 54898
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.4 35.0



#46
 Dibromomethane
 Concen: 20.900 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion: 93 Resp: 32517
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.4 98.0
 174 120.0 94.8 142.2





#47

Bromodichloromethane

Concen: 20.714 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

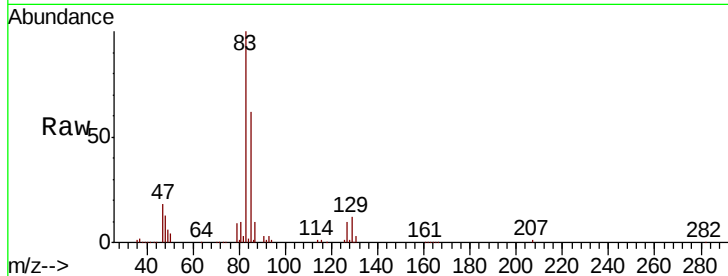
Tot Ion: 83 Resp: 80593

Ion Ratio Lower Upper

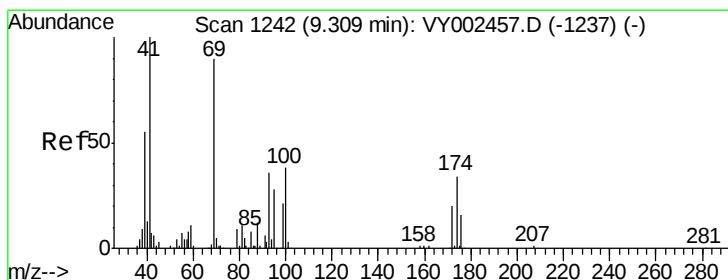
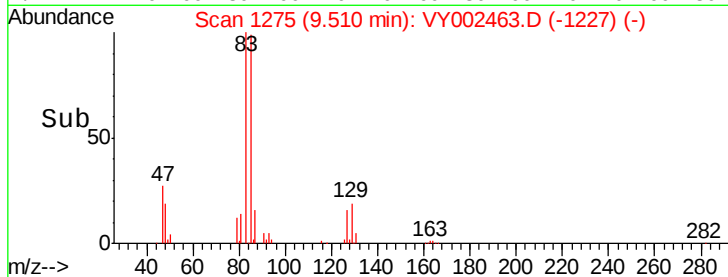
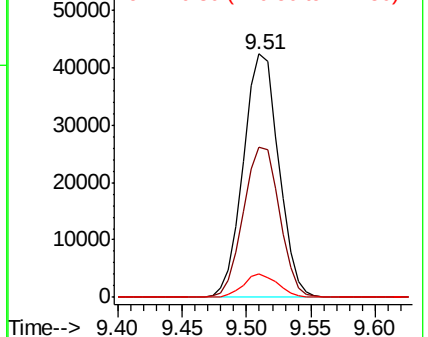
83 100

85 61.8 51.2 76.8

127 9.8 7.7 11.5



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): V



#48

Methyl methacrylate

Concen: 21.721 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

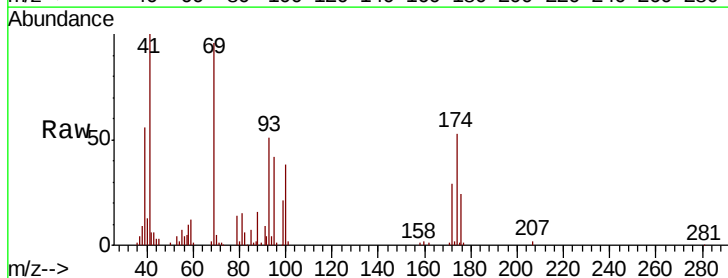
Tgt Ion: 41 Resp: 37195

Ion Ratio Lower Upper

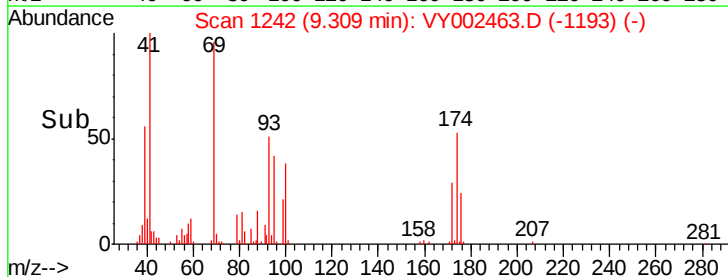
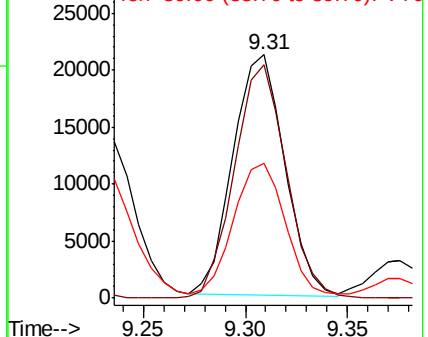
41 100

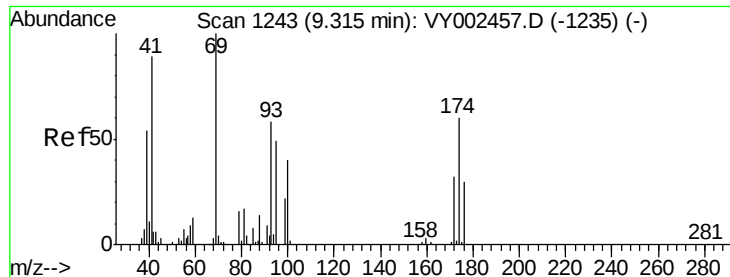
69 97.6 77.9 116.9

39 54.2 47.9 71.9



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: 437.520 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

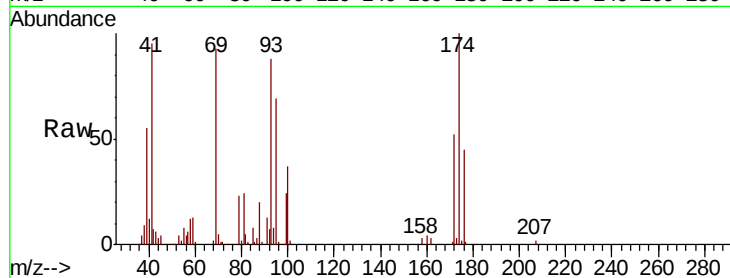
Tot Ion: 88 Resp: 8675

Ion Ratio Lower Upper

88 100

43 30.6 22.9 34.3

58 61.8 49.5 74.3

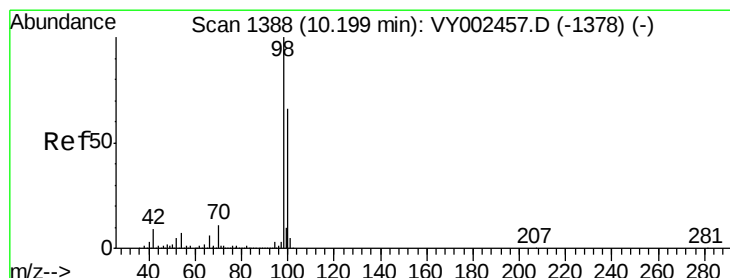
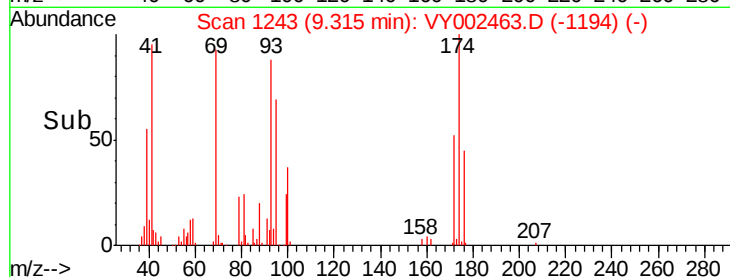
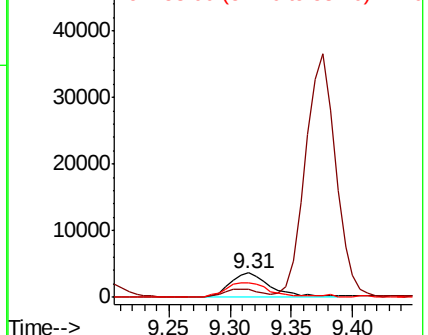


Abundance

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: 48.166 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002463.D

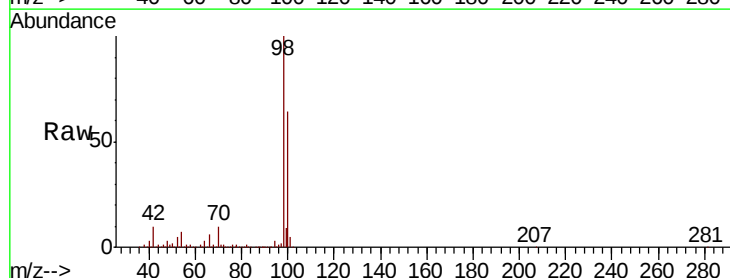
Acq: 23 Apr 2020 16:40

Tgt Ion: 98 Resp: 508379

Ion Ratio Lower Upper

98 100

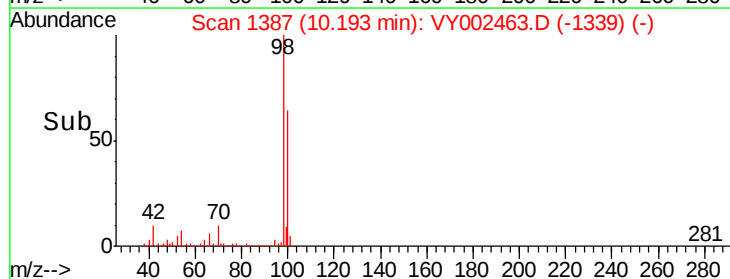
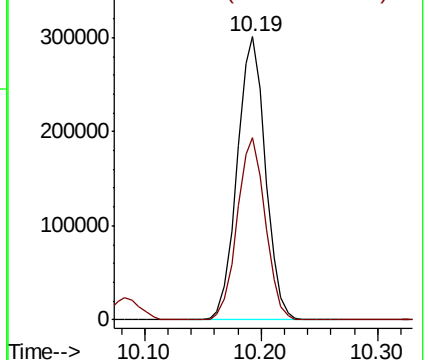
100 64.2 51.1 76.7

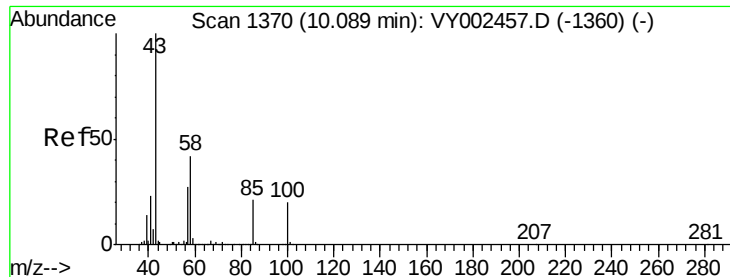


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

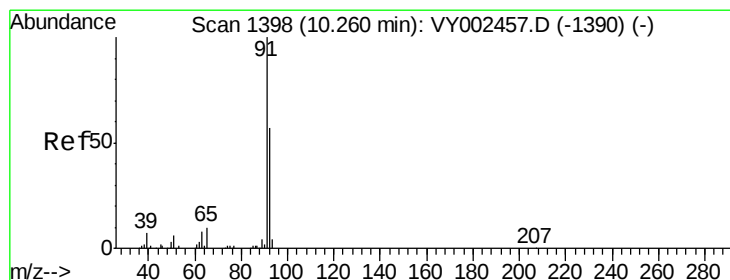
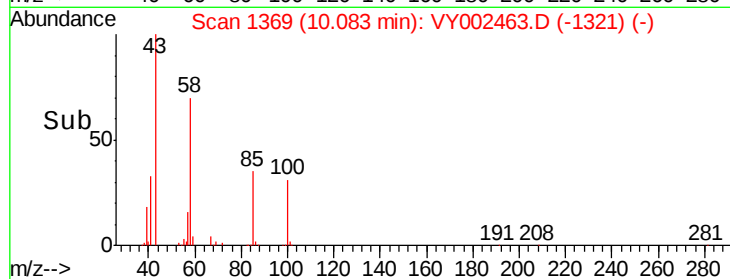
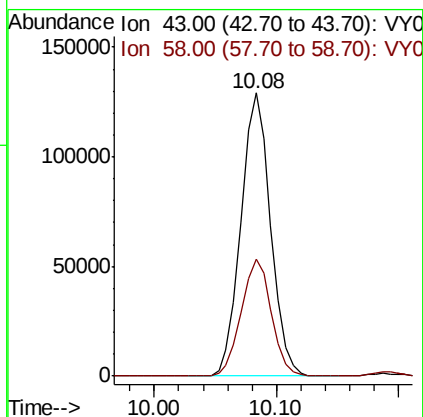
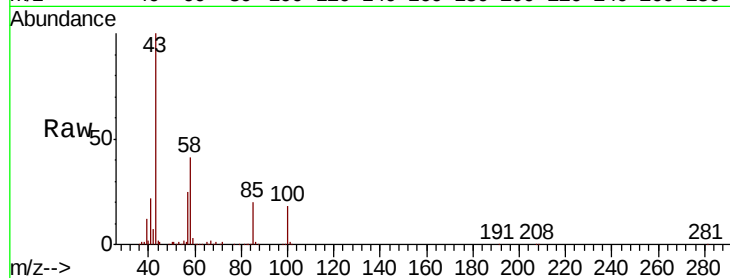




#51
 4-Methyl-2-Pentanone
 Concen: 111.298 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

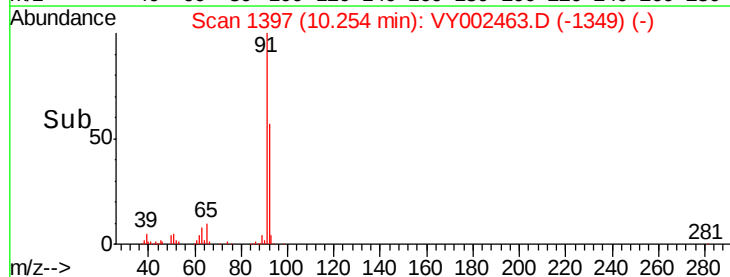
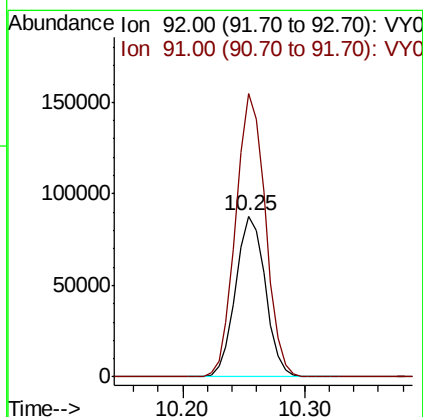
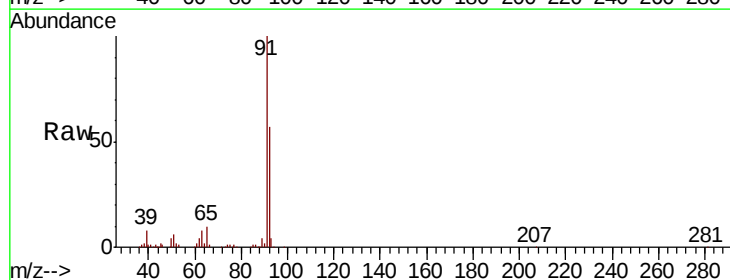
Instrument :
 MSVOA_Y
 ClientSampled :

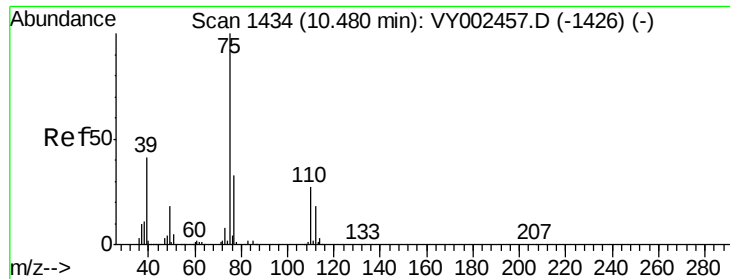
Tot Ion: 43 Resp: 216845
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.2 49.8



#52
 Toluene
 Concen: 19.877 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion: 92 Resp: 147635
 Ion Ratio Lower Upper
 92 100
 91 176.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.890 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

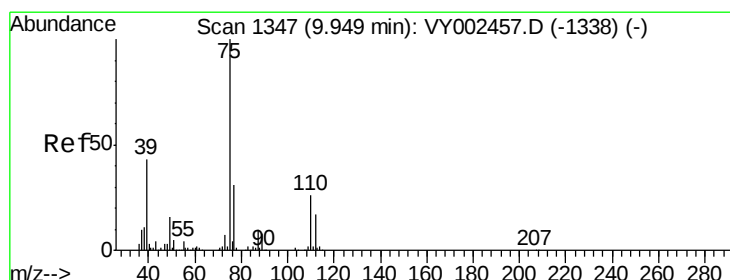
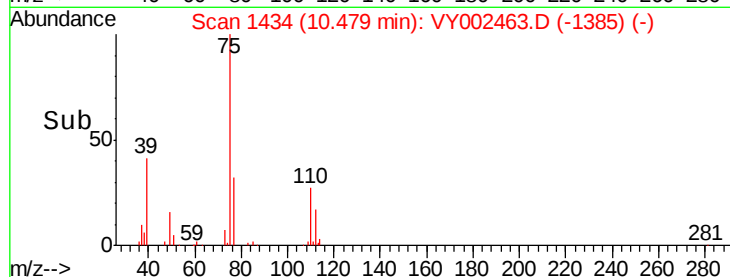
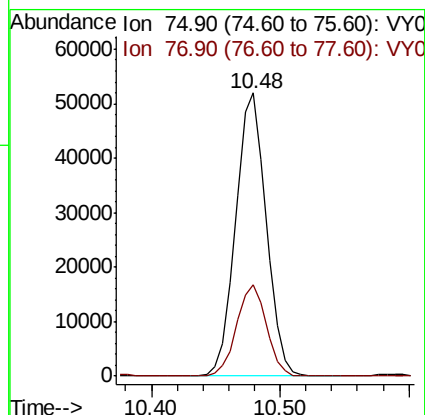
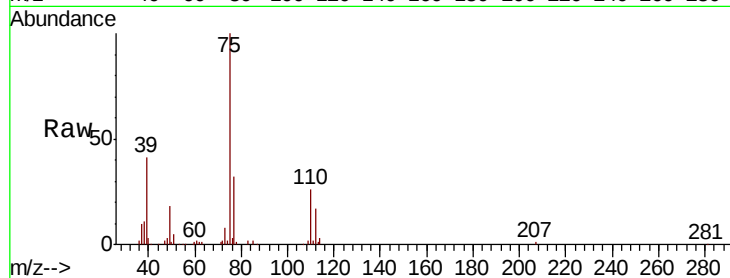
ClientSampled :

Tot Ion: 75 Resp: 85357

Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 20.371 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

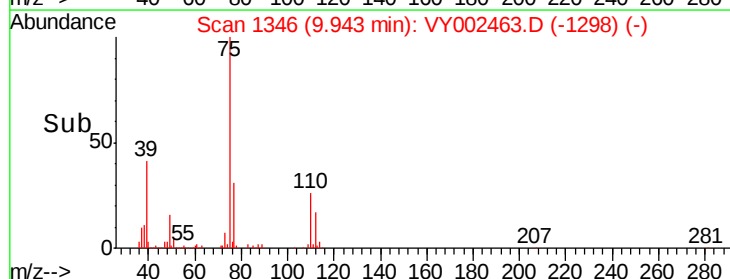
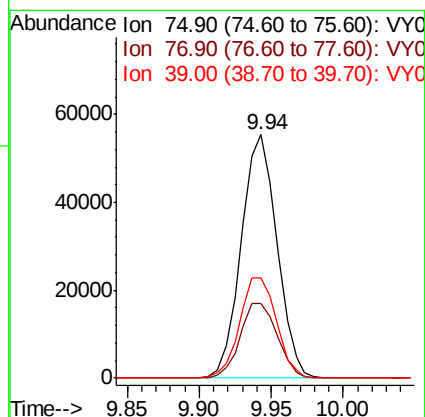
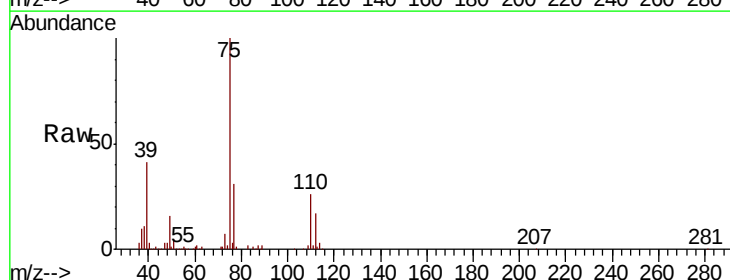
Tgt Ion: 75 Resp: 95267

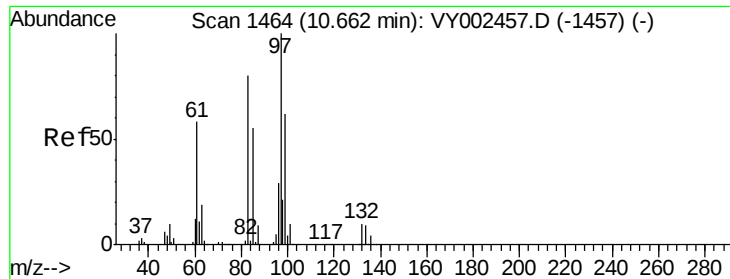
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 41.0 34.2 51.2

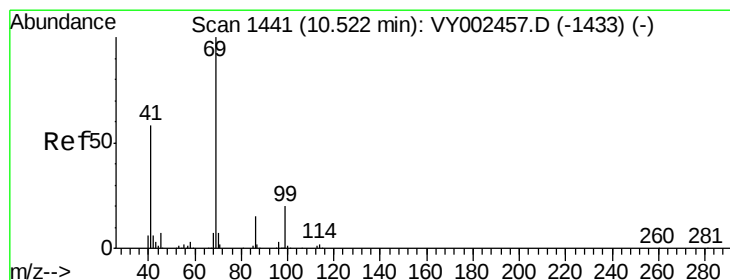
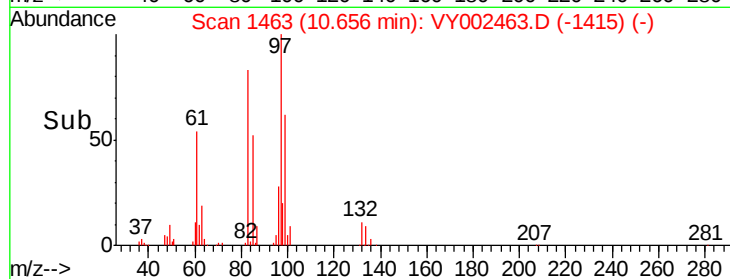
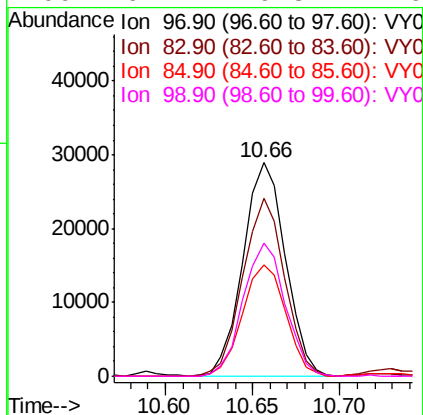
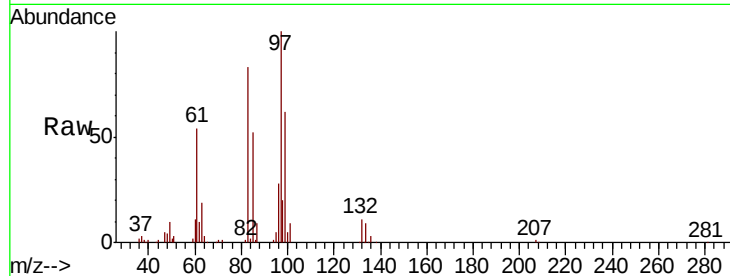




#55
 1,1,2-Trichloroethane
 Concen: 21.122 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

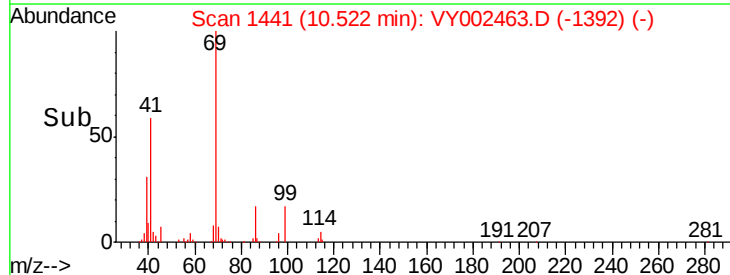
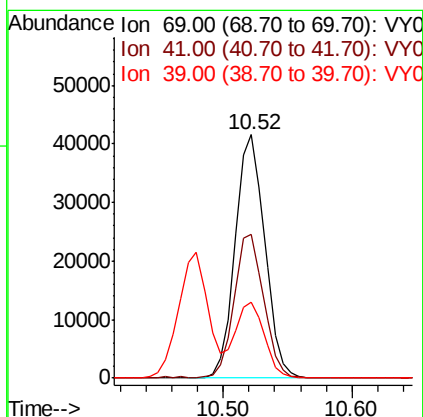
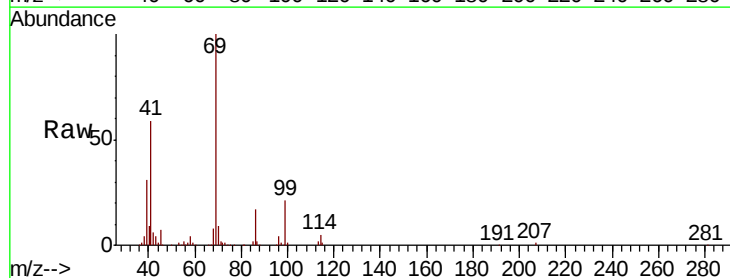
Instrument :
 MSVOA_Y
 ClientSampleId :

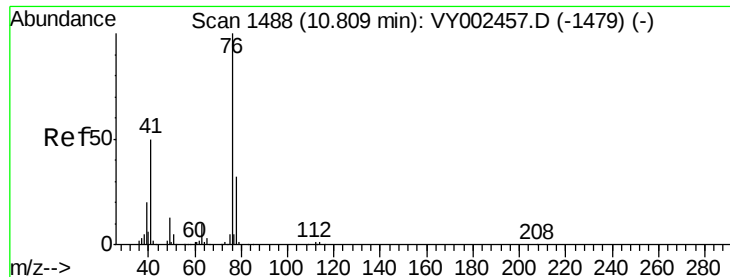
Tot Ion:	97	Resp:	48589
Ion	Ratio	Lower	Upper
97	100		
83	83.5	63.8	95.8
85	52.0	43.9	65.9
99	62.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.114 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion:	69	Resp:	66365
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.5	71.3
39	31.7	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.918 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

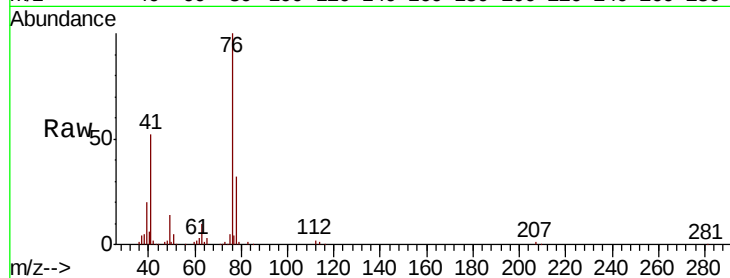
ClientSampled :

Tot Ion: 76 Resp: 81240

Ion Ratio Lower Upper

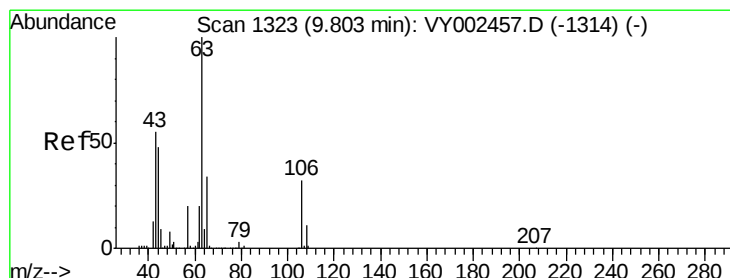
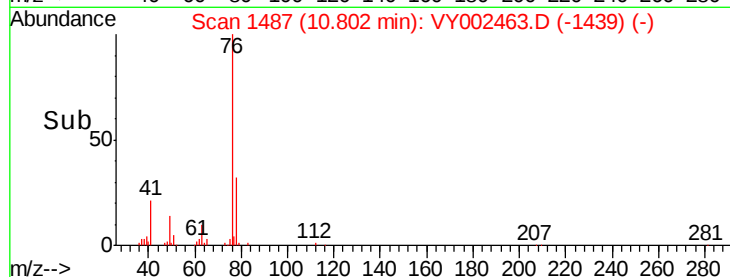
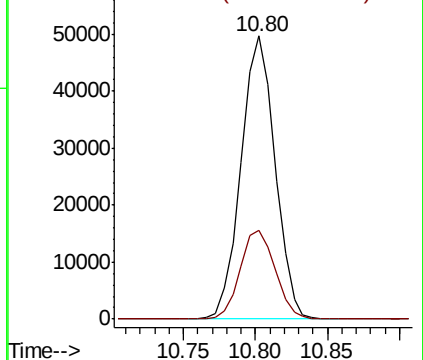
76 100

78 32.3 26.2 39.4



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: 108.868 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002463.D

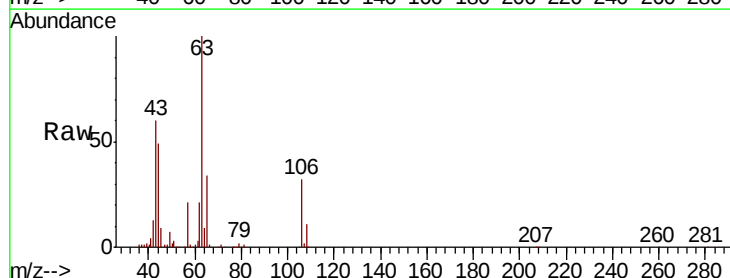
Acq: 23 Apr 2020 16:40

Tgt Ion: 63 Resp: 165478

Ion Ratio Lower Upper

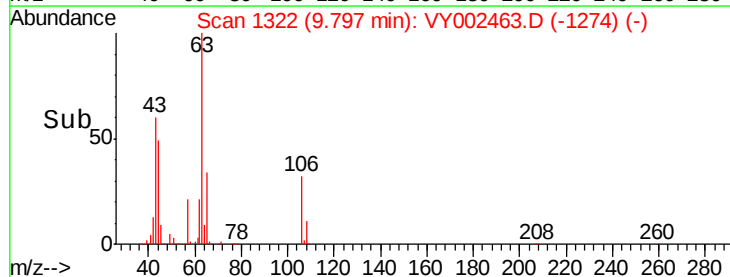
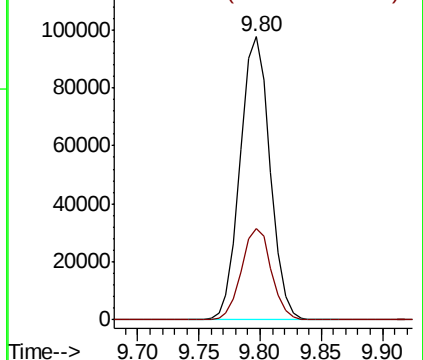
63 100

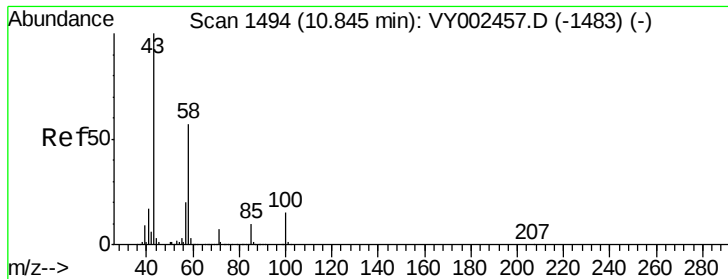
106 32.3 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

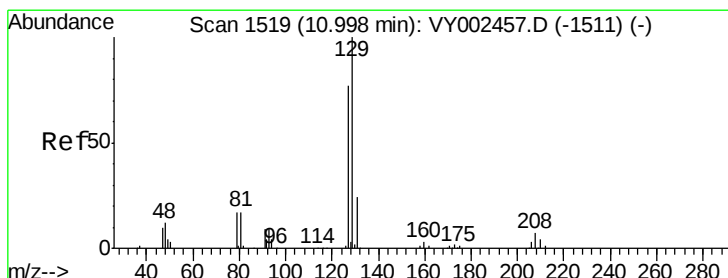
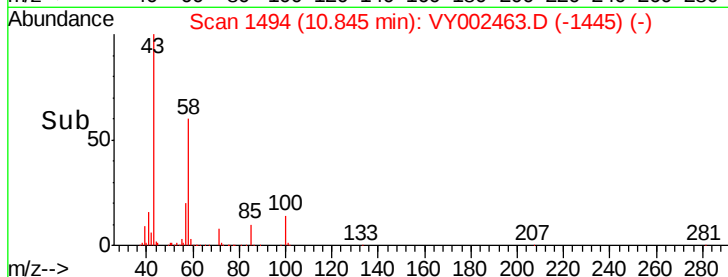
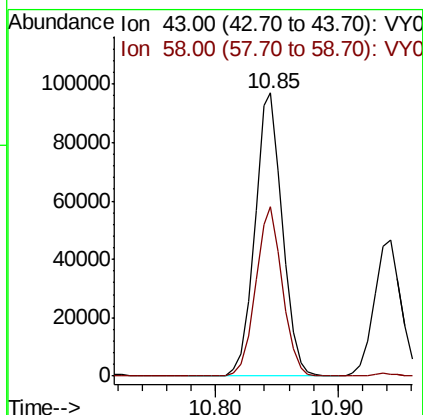
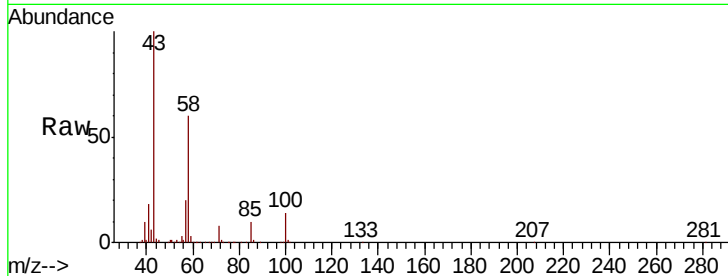




#59
2-Hexanone
Concen: 111.547 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

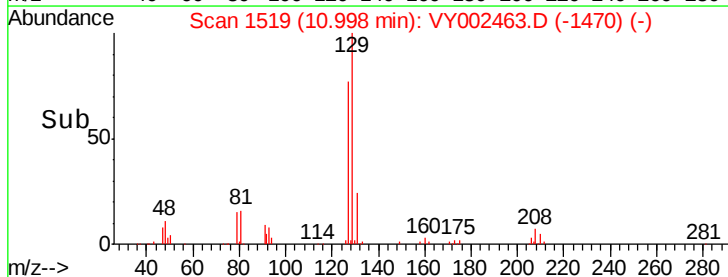
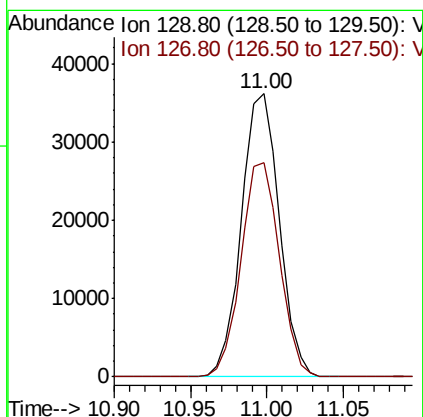
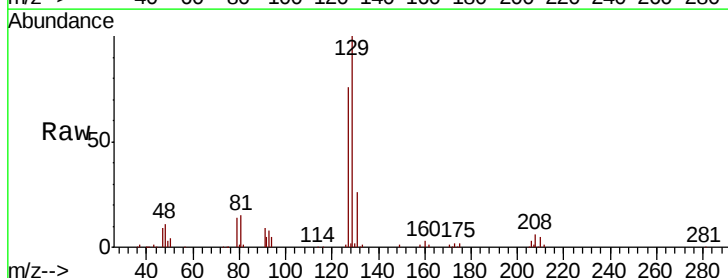
Instrument :
MSVOA_Y
ClientSampleId :

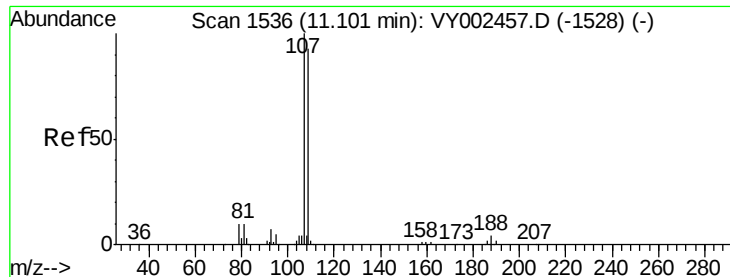
Tot Ion: 43 Resp: 151486
Ion Ratio Lower Upper
43 100
58 58.1 28.8 86.4



#60
Dibromochloromethane
Concen: 20.670 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion: 129 Resp: 62306
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

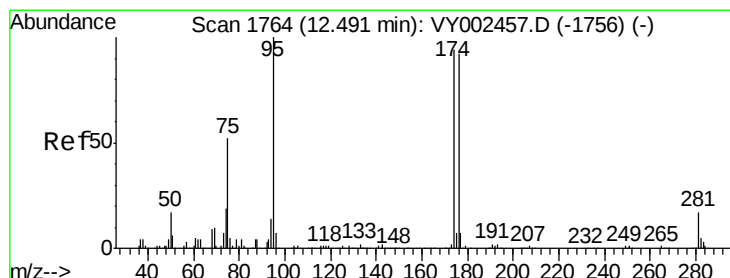
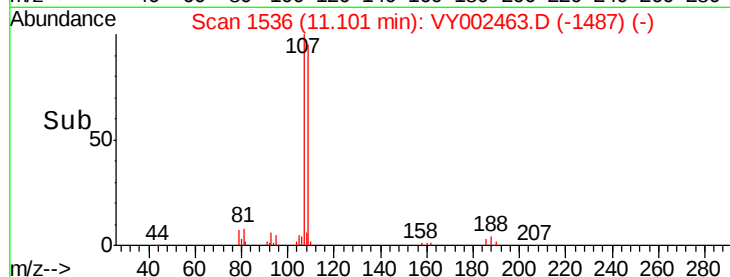
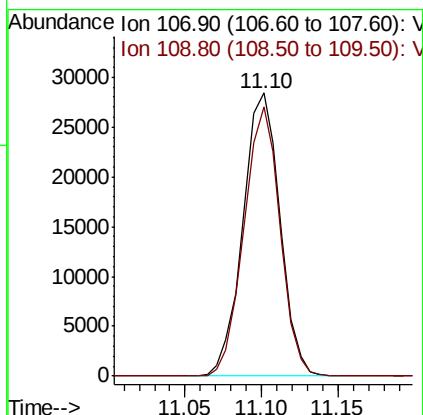
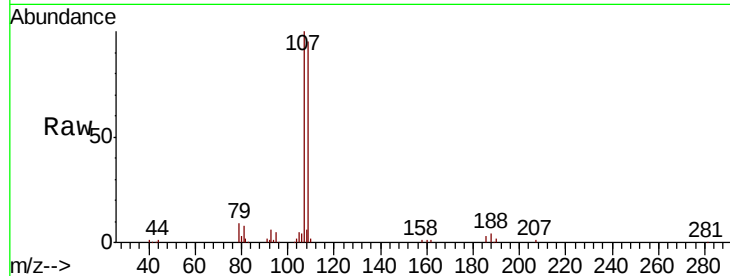




#61
 1,2-Dibromoethane
 Concen: 21.004 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

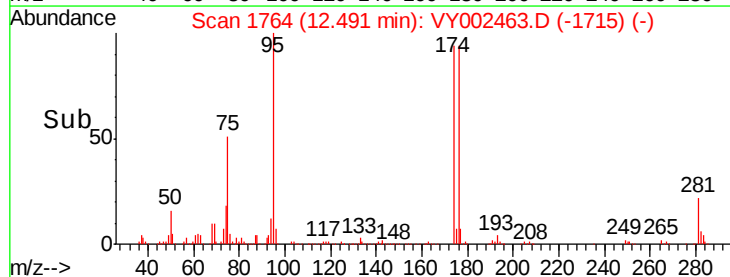
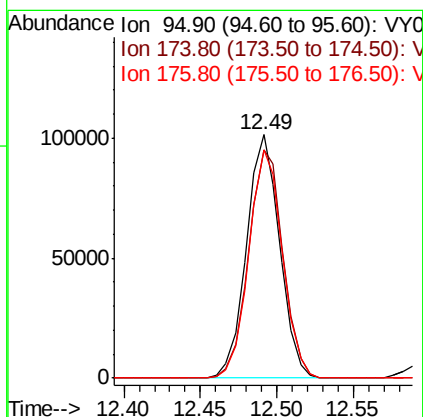
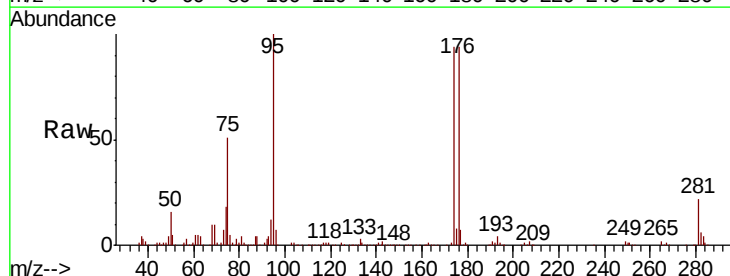
Instrument :
 MSVOA_Y
 ClientSampleId :

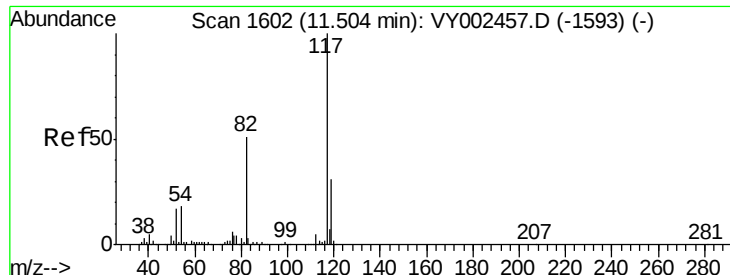
Tot Ion: 107 Resp: 47912
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 43.106 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion: 95 Resp: 152661
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 193.0
 176 94.6 0.0 190.4

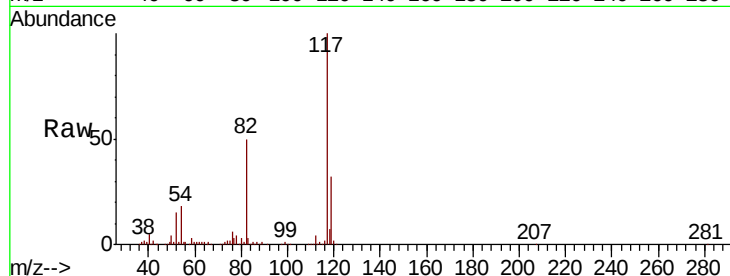




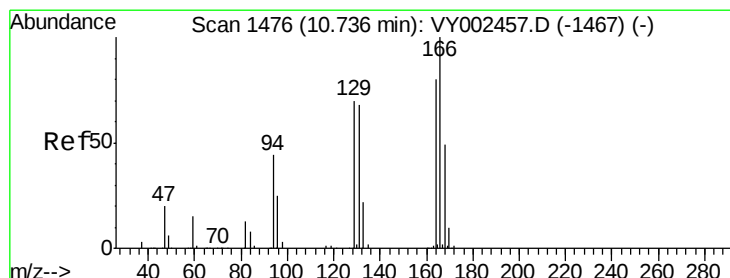
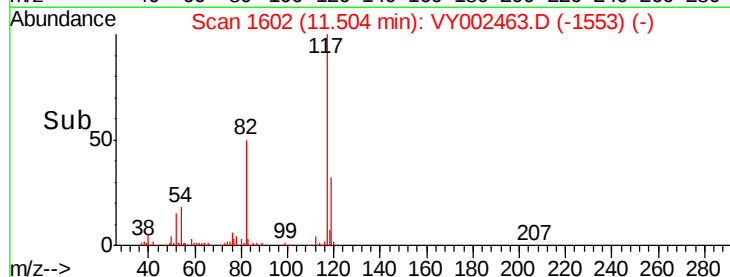
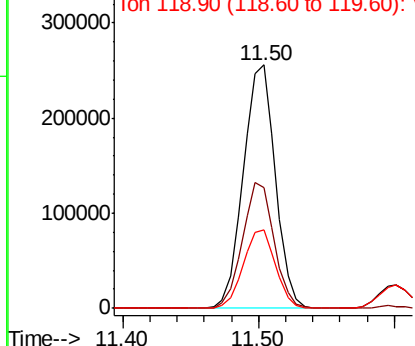
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 420762
Ion Ratio Lower Upper
117 100
82 49.8 40.8 61.2
119 32.0 25.2 37.8

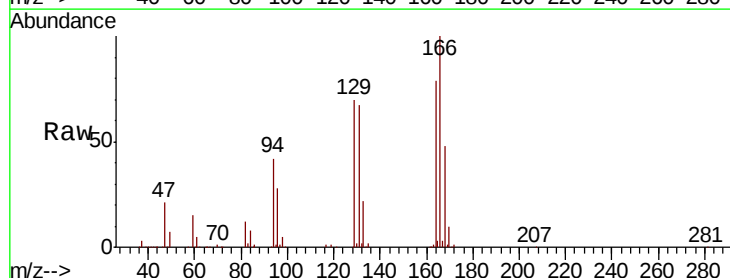


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

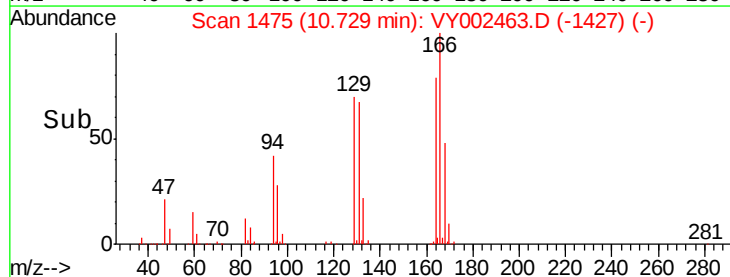
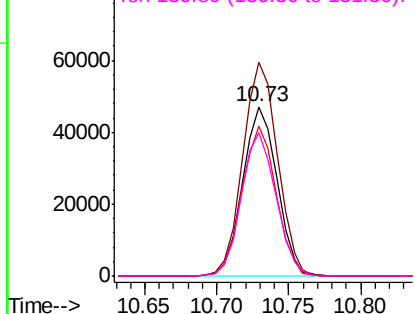


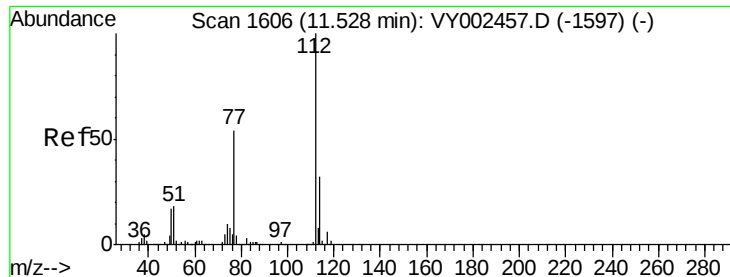
#64
Tetrachloroethene
Concen: 20.145 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion:164 Resp: 77683
Ion Ratio Lower Upper
164 100
166 126.2 100.0 150.0
129 88.8 69.8 104.8
131 84.7 67.9 101.9



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

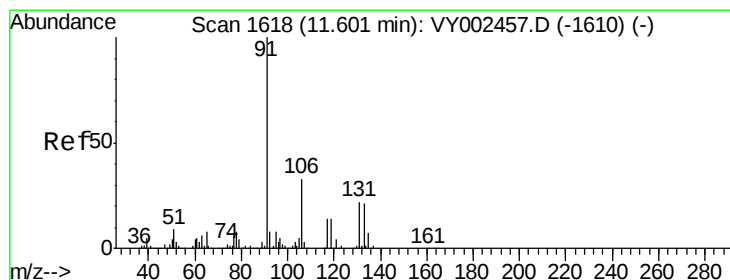
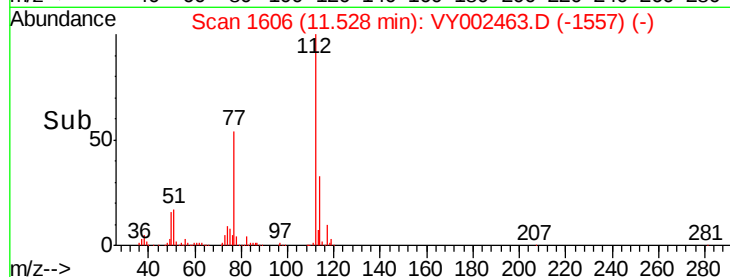
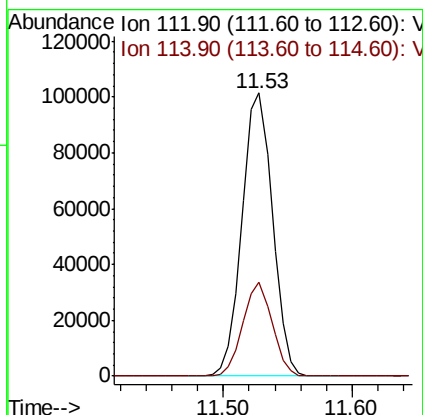
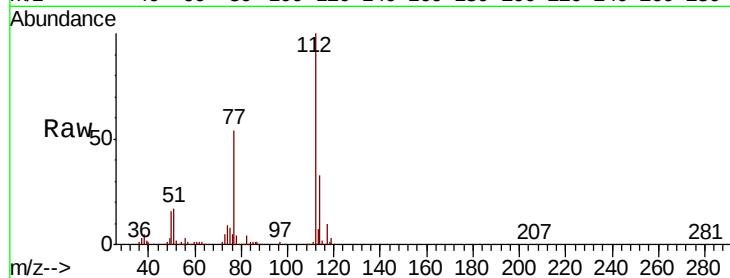




#65
Chlorobenzene
Concen: 20.468 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

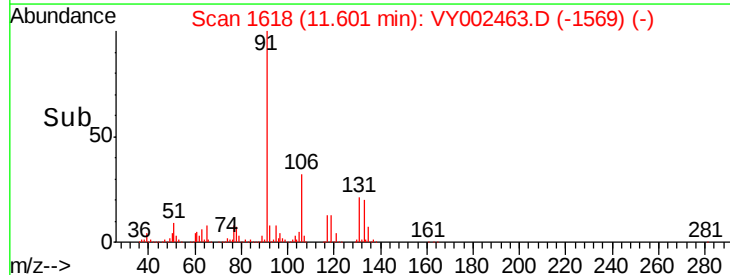
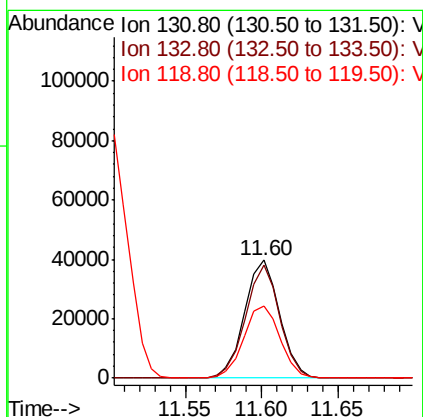
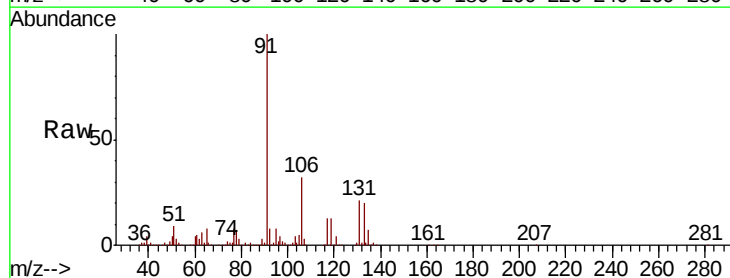
Instrument :
MSVOA_Y
ClientSampleId :

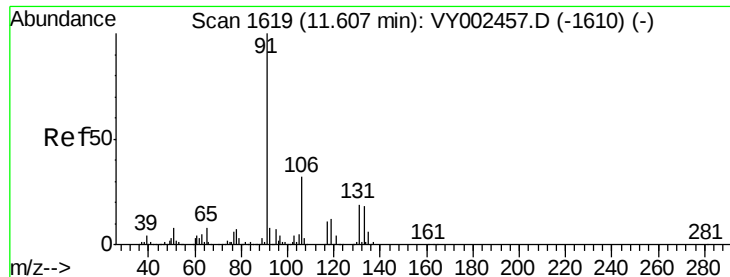
Tot Ion:112 Resp: 166032
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.775 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion:131 Resp: 63230
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 63.5 31.1 93.3





#67

Ethyl Benzene

Concen: 20.317 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

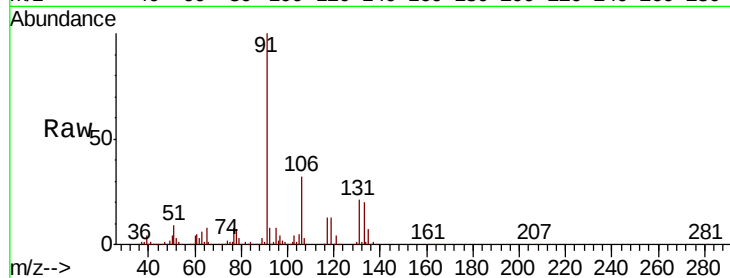
ClientSampleId :

Tot Ion: 91 Resp: 293717

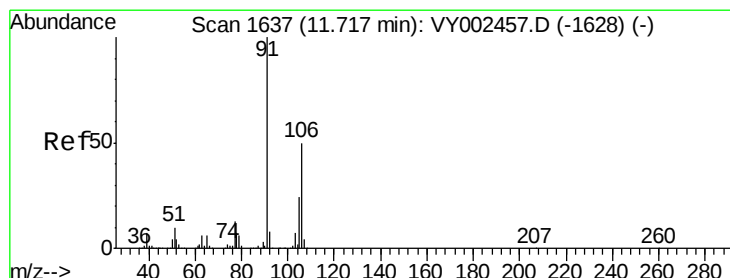
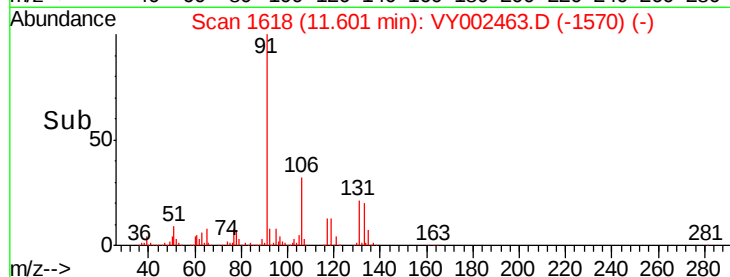
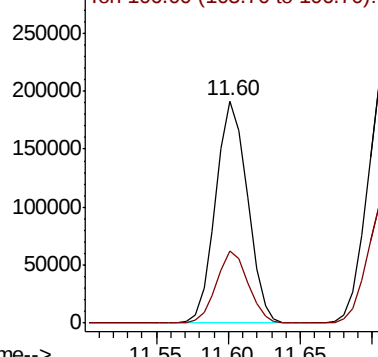
Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)



#68

m/p-Xylenes

Concen: 40.594 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: VY002463.D

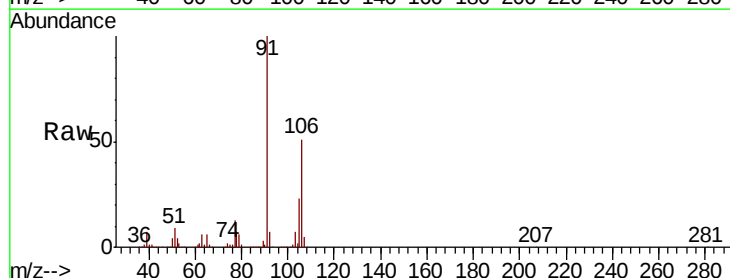
Acq: 23 Apr 2020 16:40

Tgt Ion: 106 Resp: 225917

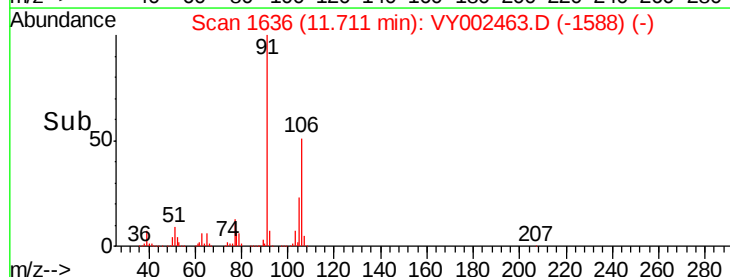
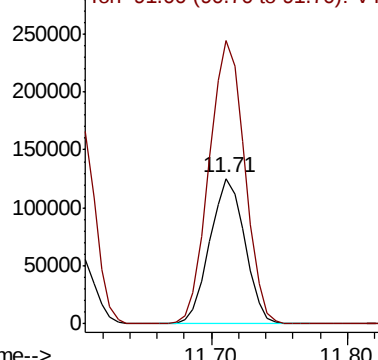
Ion Ratio Lower Upper

106 100

91 197.6 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

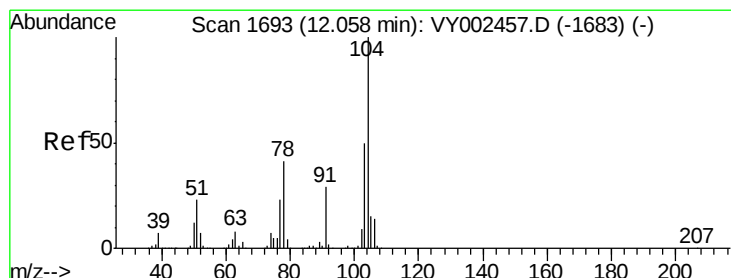
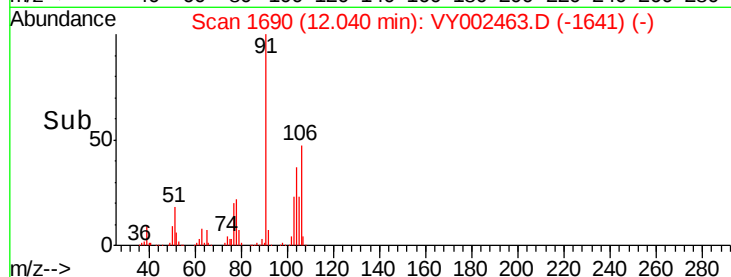
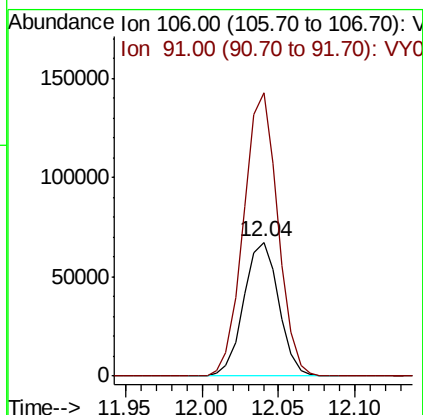
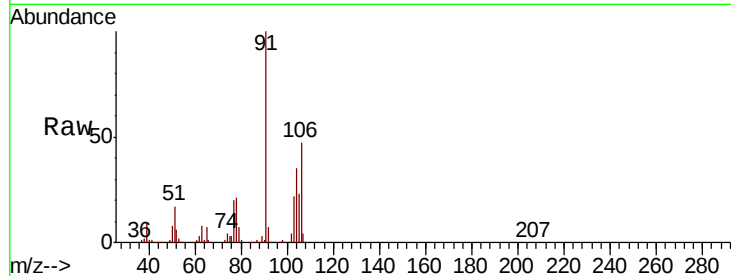




#69
o-Xylene
Concen: 20.780 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

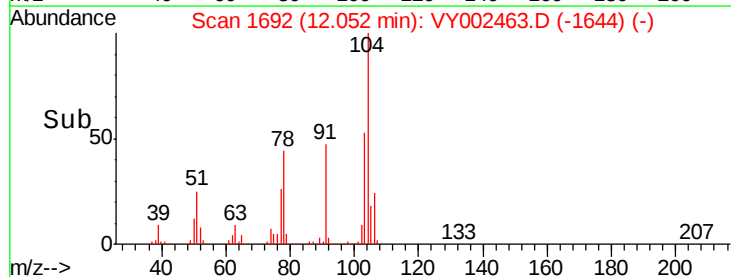
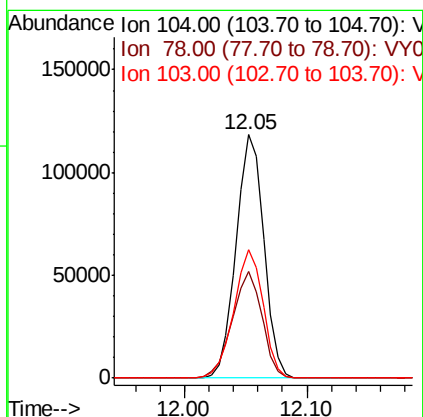
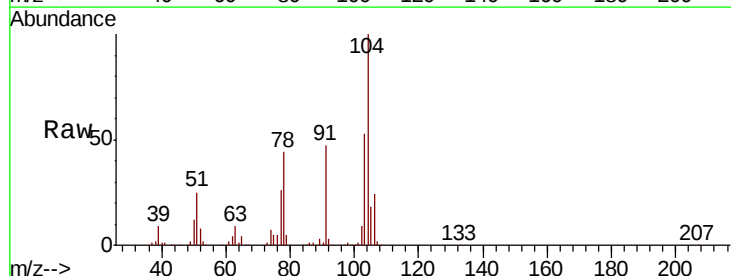
Instrument :
MSVOA_Y
ClientSampleId :

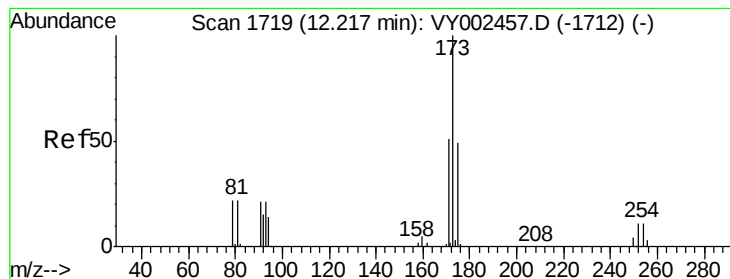
Tot Ion:106 Resp: 107093
Ion Ratio Lower Upper
106 100
91 207.7 104.5 313.3



#70
Styrene
Concen: 20.714 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002463.D
Acq: 23 Apr 2020 16:40

Tgt Ion:104 Resp: 185887
Ion Ratio Lower Upper
104 100
78 47.0 38.0 57.0
103 55.6 44.4 66.6





#71

Bromoform

Concen: 19.876 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampled :

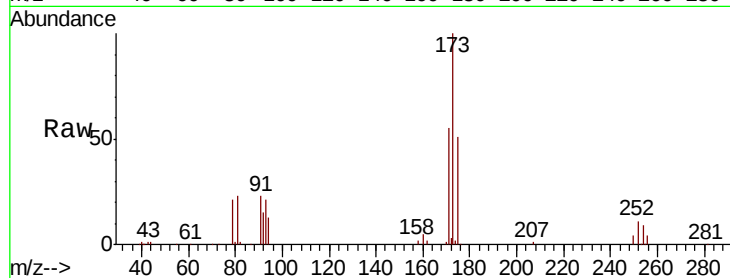
Tot Ion:173 Resp: 38109

Ion Ratio Lower Upper

173 100

175 50.6 24.3 73.0

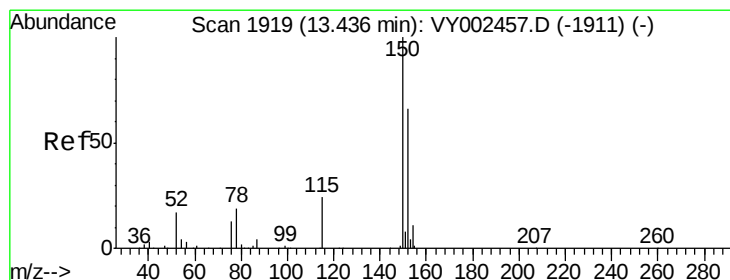
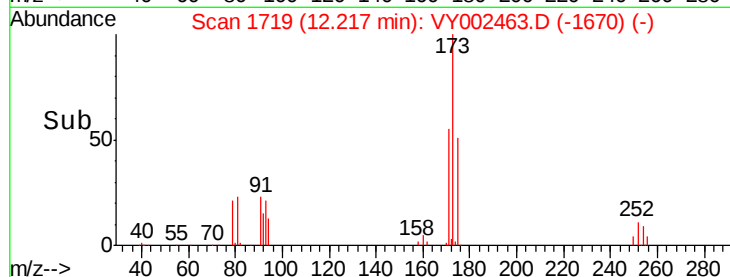
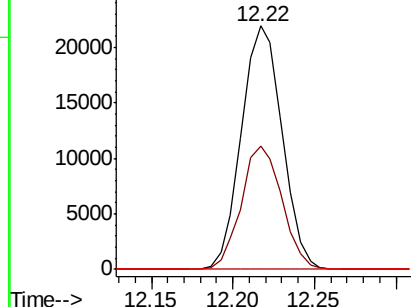
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

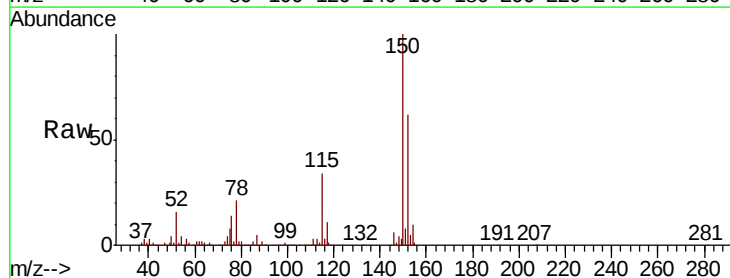
Tgt Ion:152 Resp: 208303

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.8

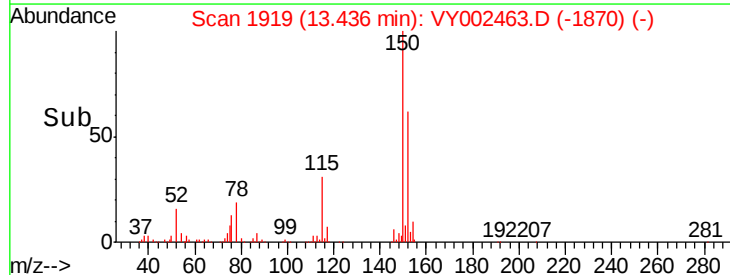
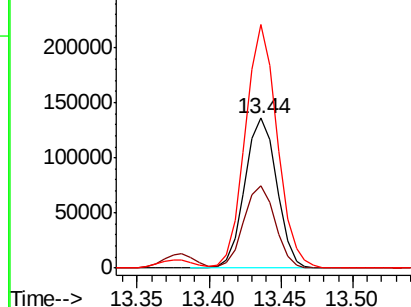
150 162.5 0.0 346.8

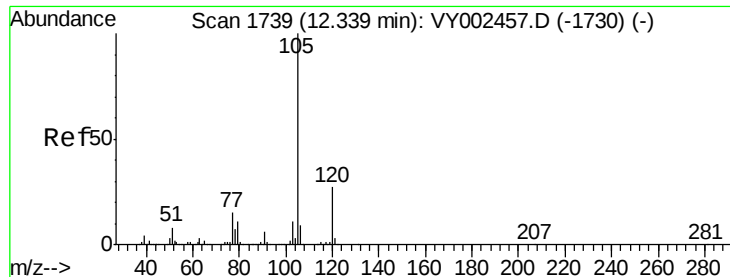


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.387 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

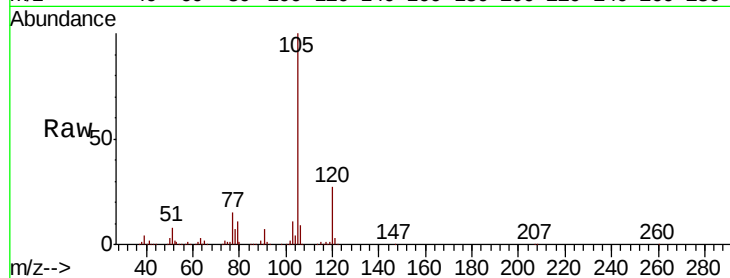
ClientSampleId :

Tot Ion:105 Resp: 228199

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

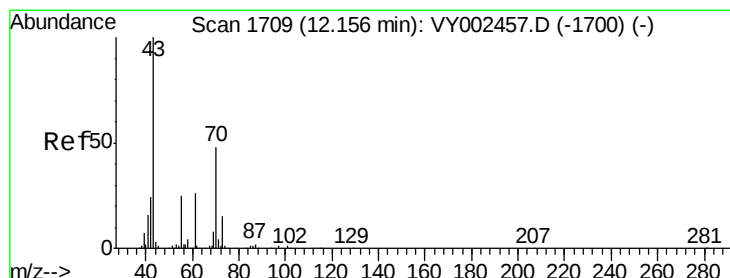
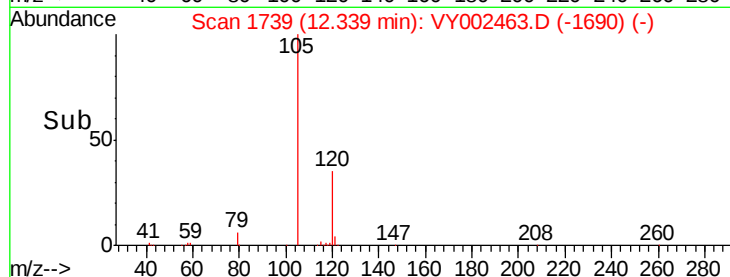
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.601 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Tgt Ion: 43 Resp: 74582

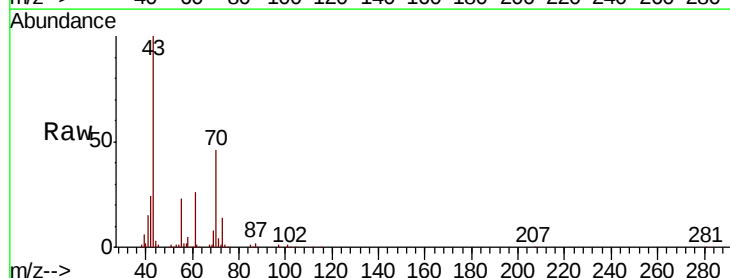
Ion Ratio Lower Upper

43 100

70 46.8 37.2 55.8

55 24.5 19.6 29.4

61 25.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

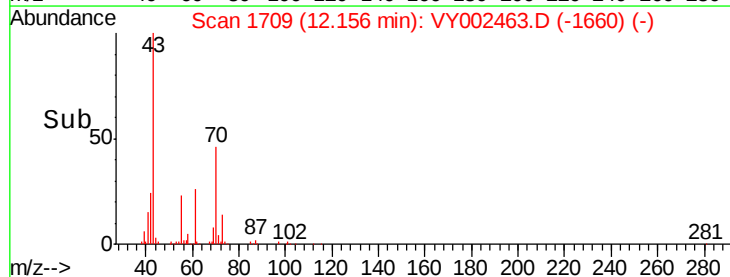
60000

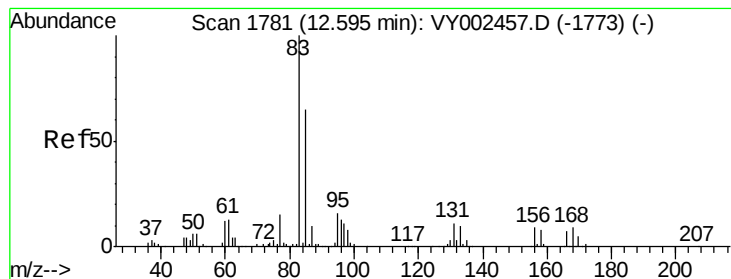
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.990 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

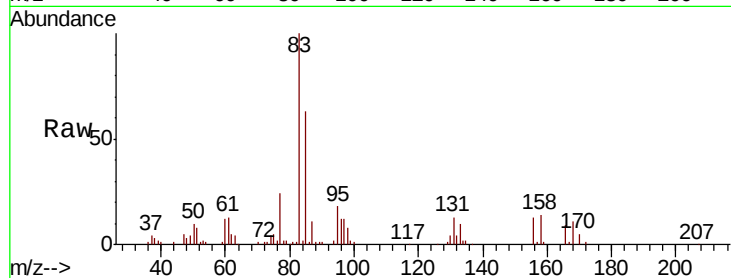
Tot Ion: 83 Resp: 42754

Ion Ratio Lower Upper

83 100

131 12.5 6.2 18.6

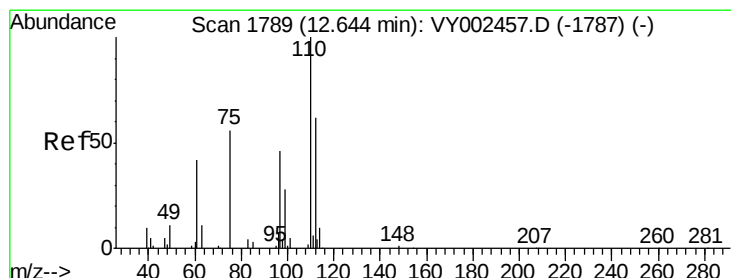
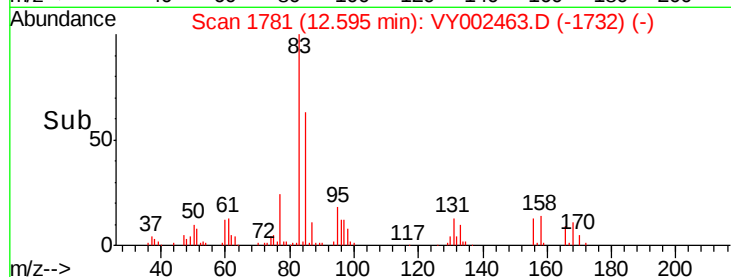
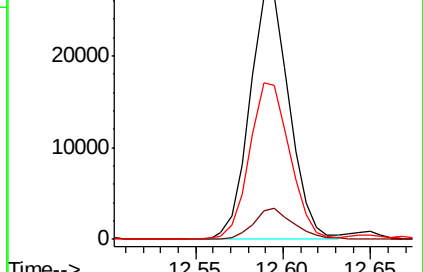
85 64.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002457.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002457.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002457.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 36.674 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002463.D

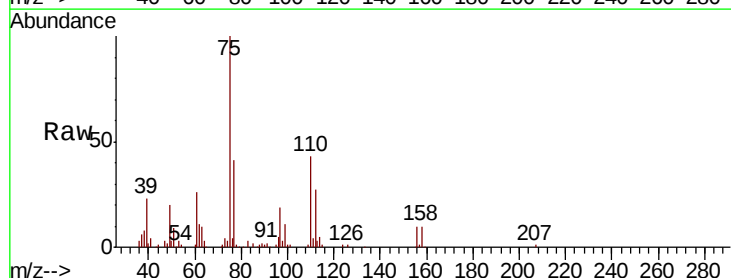
Acq: 23 Apr 2020 16:40

Tgt Ion: 75 Resp: 64747

Ion Ratio Lower Upper

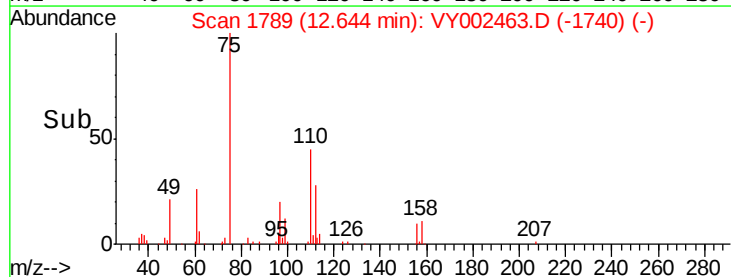
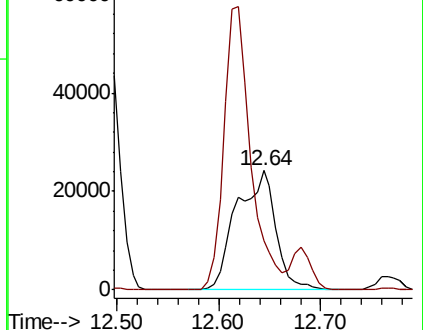
75 100

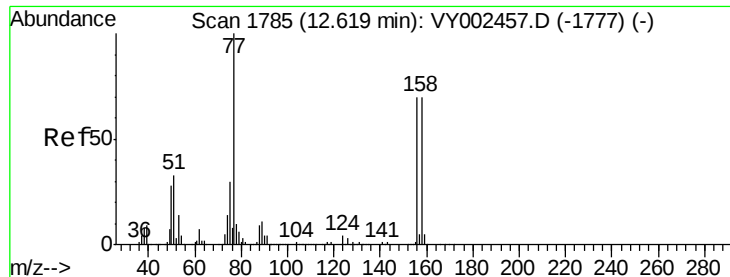
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002457.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002457.D (-1787) (-)





#77

Bromobenzene

Concen: 19.084 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

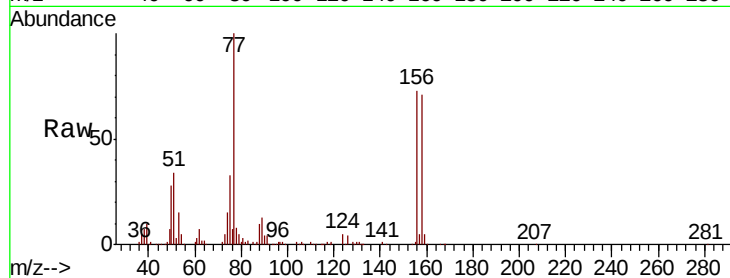
Tot Ion:156 Resp: 66654

Ion Ratio Lower Upper

156 100

77 157.7 78.5 235.7

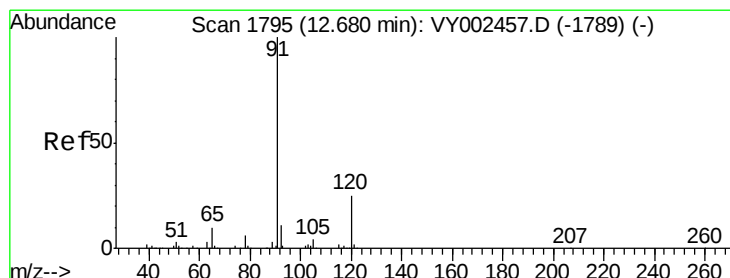
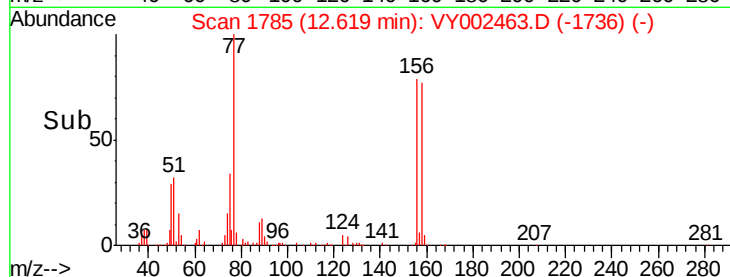
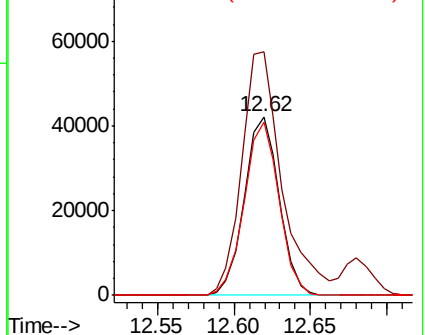
158 96.9 48.4 145.3



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: 18.899 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002463.D

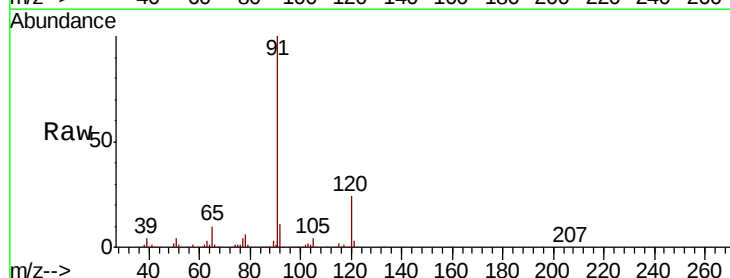
Acq: 23 Apr 2020 16:40

Tgt Ion: 91 Resp: 305584

Ion Ratio Lower Upper

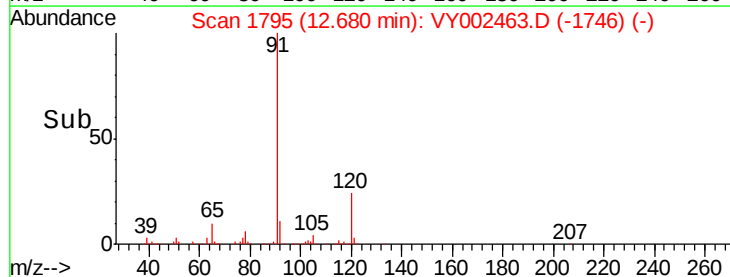
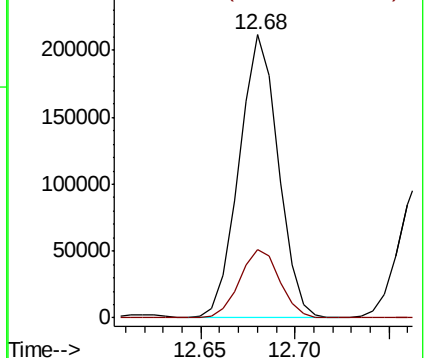
91 100

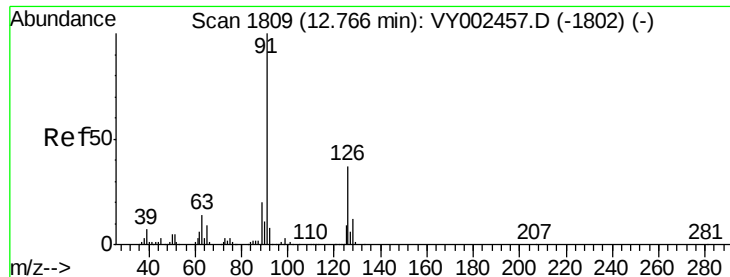
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.556 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

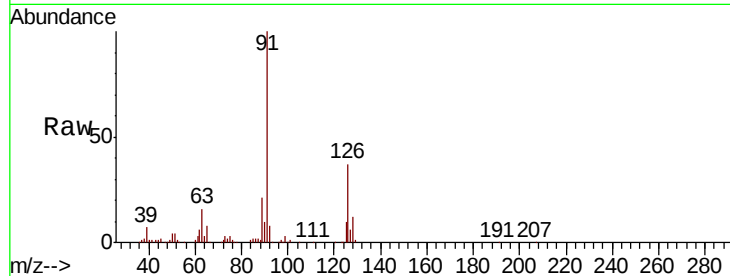
ClientSampleId :

Tot Ion: 91 Resp: 164175

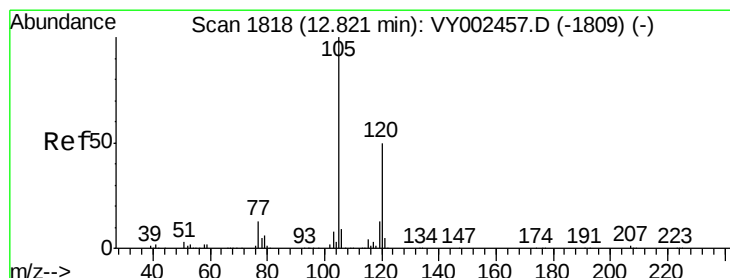
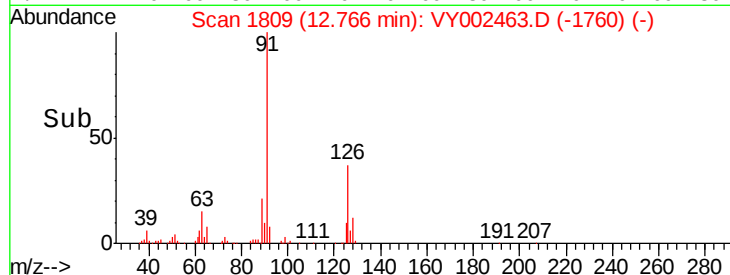
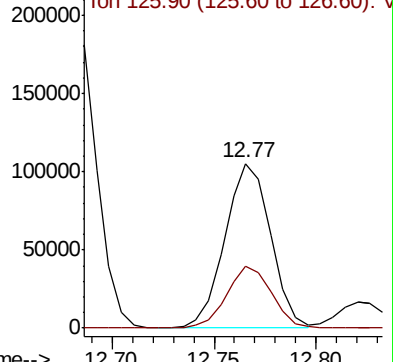
Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.420 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002463.D

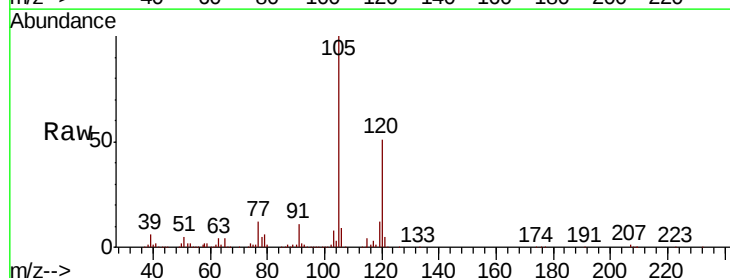
Acq: 23 Apr 2020 16:40

Tgt Ion:105 Resp: 229536

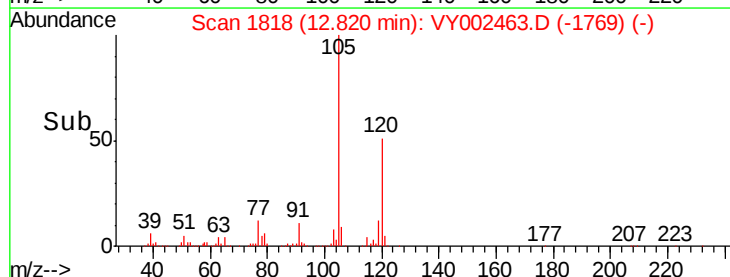
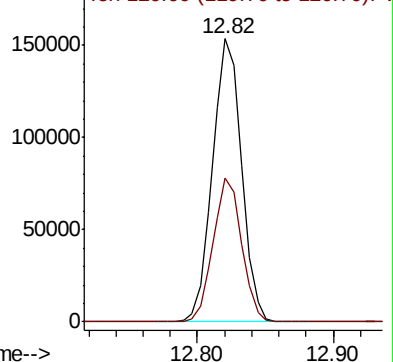
Ion Ratio Lower Upper

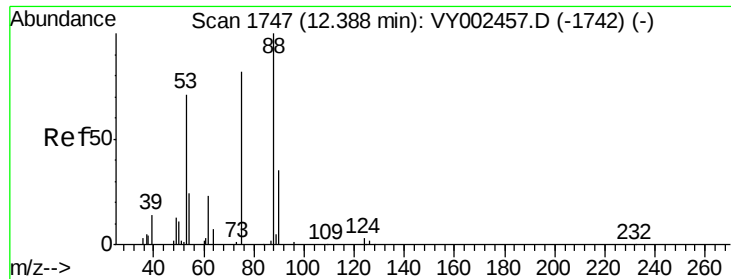
105 100

120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.898 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

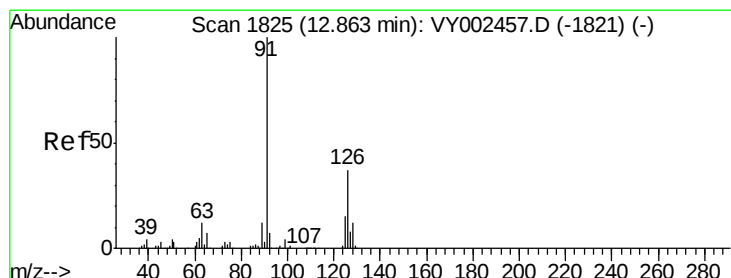
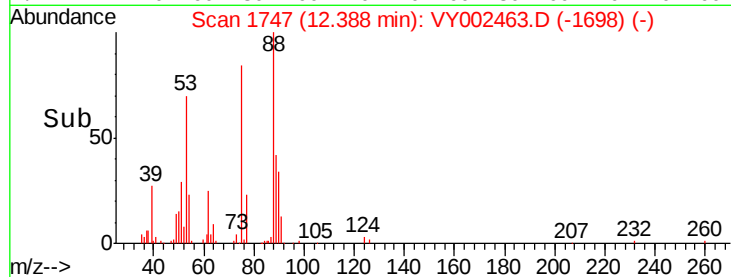
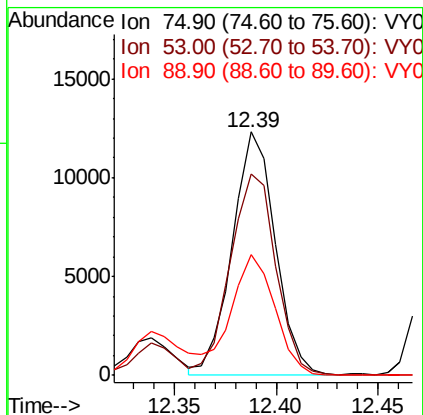
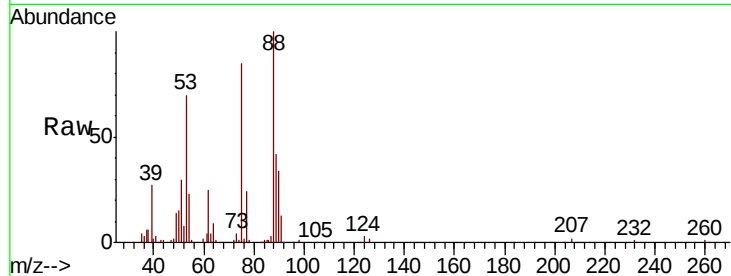
Tot Ion: 75 Resp: 18030

Ion Ratio Lower Upper

75 100

53 87.9 70.0 105.0

89 50.1 34.9 52.3



#82

4-Chlorotoluene

Concen: 19.988 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002463.D

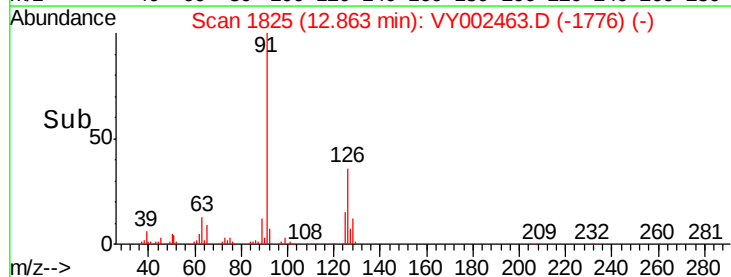
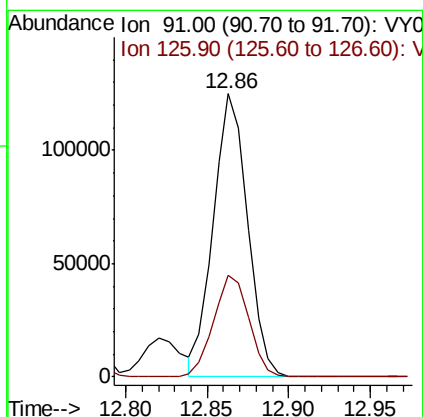
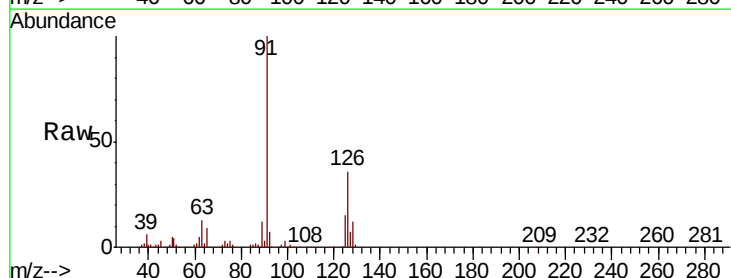
Acq: 23 Apr 2020 16:40

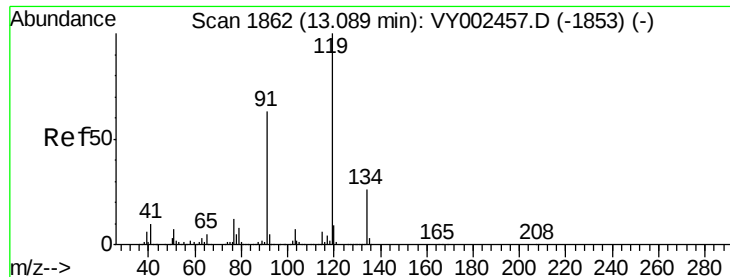
Tgt Ion: 91 Resp: 182776

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5





#83

tert-Butylbenzene

Concen: 20.194 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

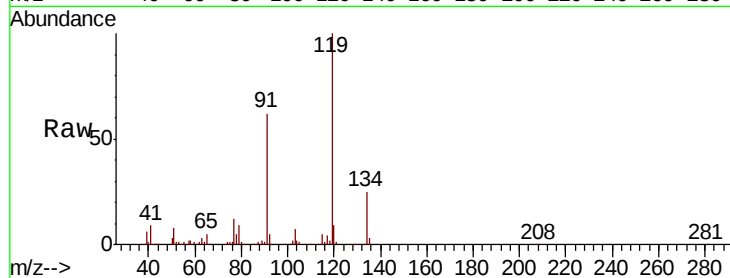
Tot Ion:119 Resp: 207268

Ion Ratio Lower Upper

119 100

91 61.3 30.8 92.3

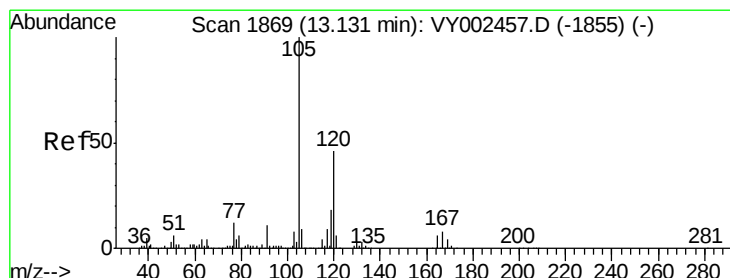
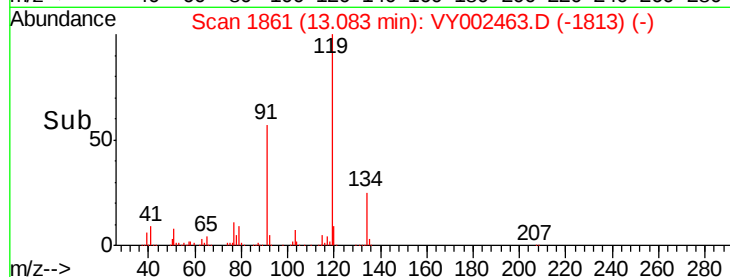
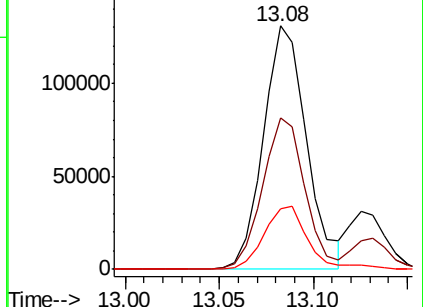
134 26.4 13.2 39.6



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: 20.581 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VY002463.D

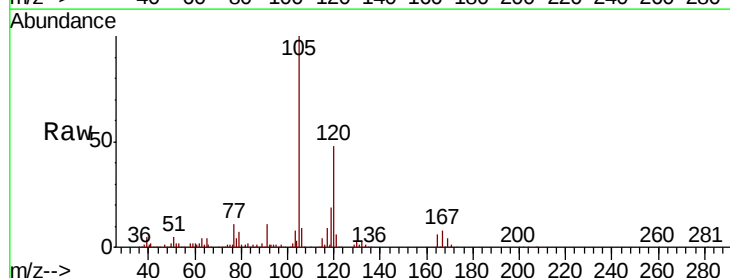
Acq: 23 Apr 2020 16:40

Tgt Ion:105 Resp: 233391

Ion Ratio Lower Upper

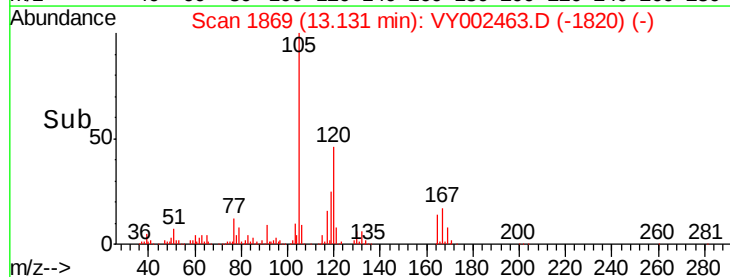
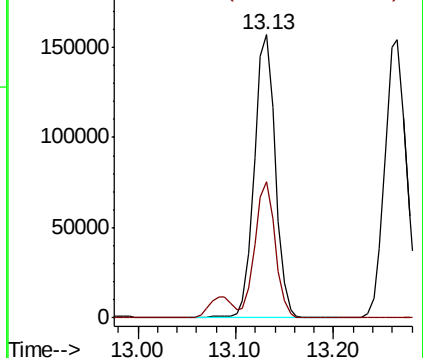
105 100

120 46.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.055 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

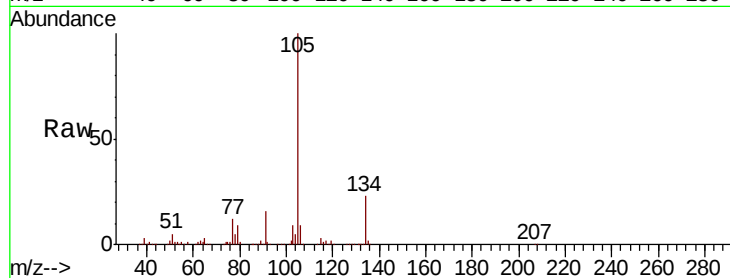
ClientSampleId :

Tot Ion:105 Resp: 234387

Ion Ratio Lower Upper

105 100

134 22.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

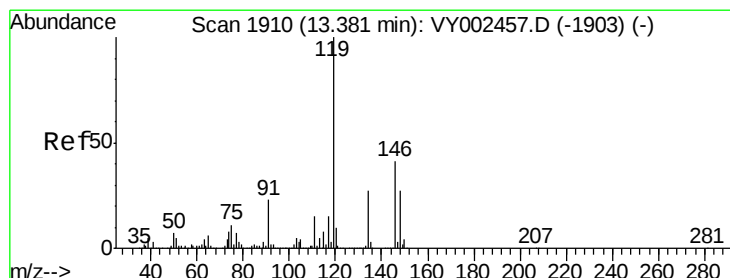
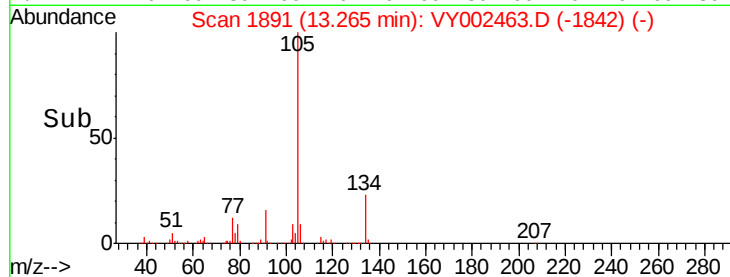
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.831 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

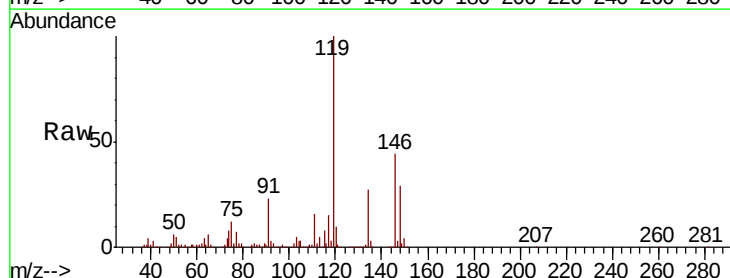
Tgt Ion:119 Resp: 259913

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.6 11.5 34.4



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

13.38

200000

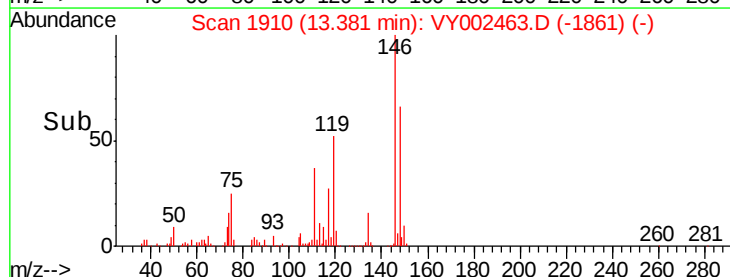
150000

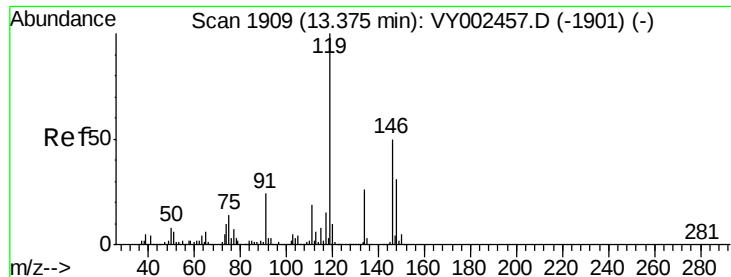
100000

50000

0

Time-->

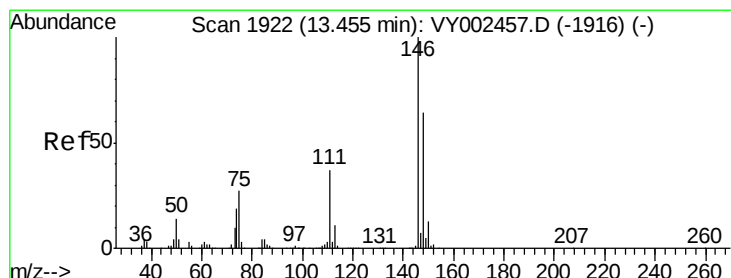
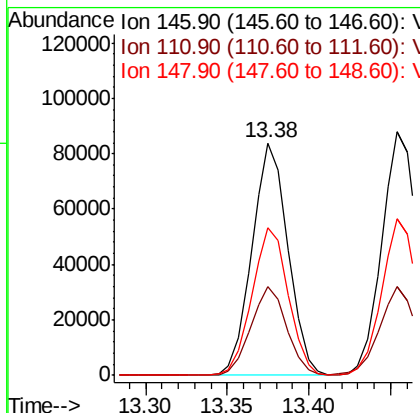
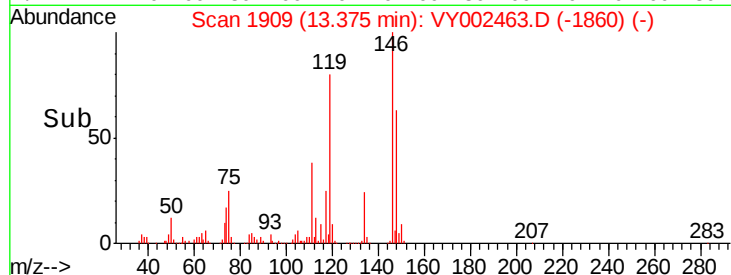
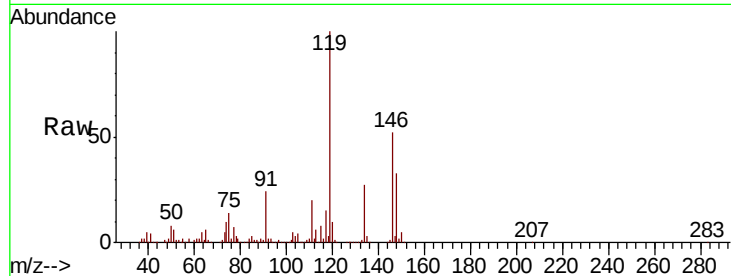




#87
 1,3-Dichlorobenzene
 Concen: 19.858 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

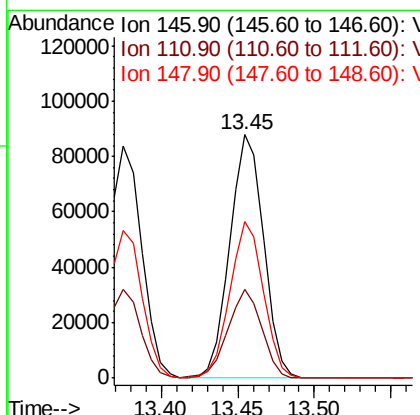
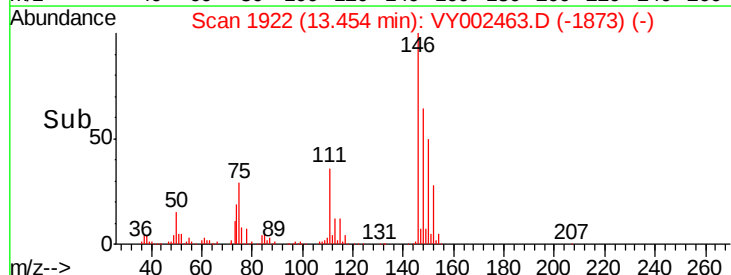
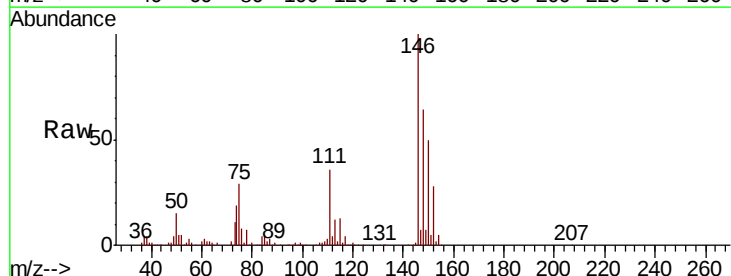
Instrument :
 MSVOA_Y
 ClientSampleId :

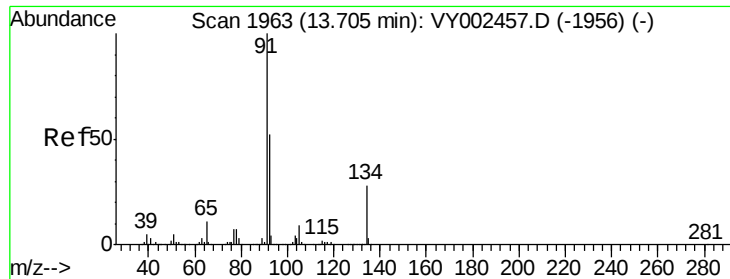
Tot Ion:146 Resp: 128279
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.890 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion:146 Resp: 134186
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.1
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 21.188 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

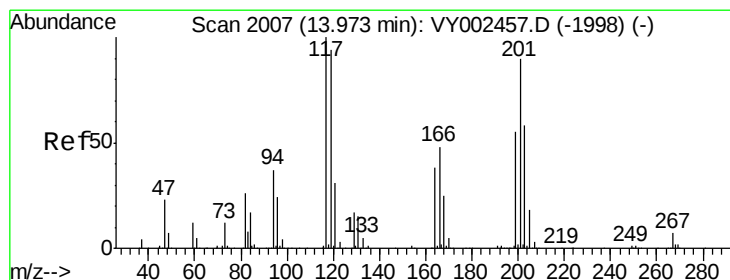
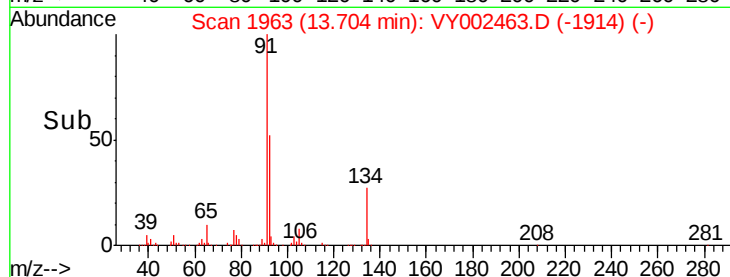
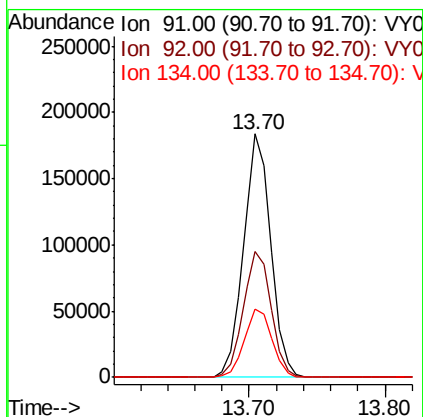
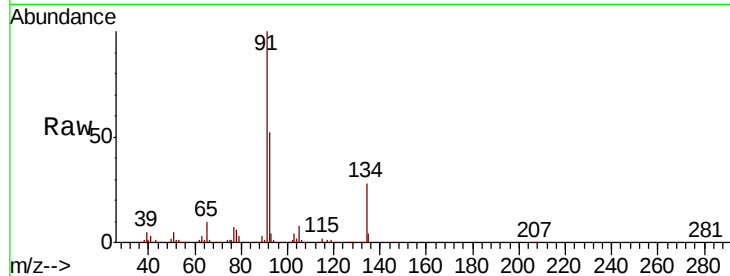
Tot Ion: 91 Resp: 256183

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.4

134 28.6 14.3 42.9



#90

Hexachloroethane

Concen: 20.804 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VY002463.D

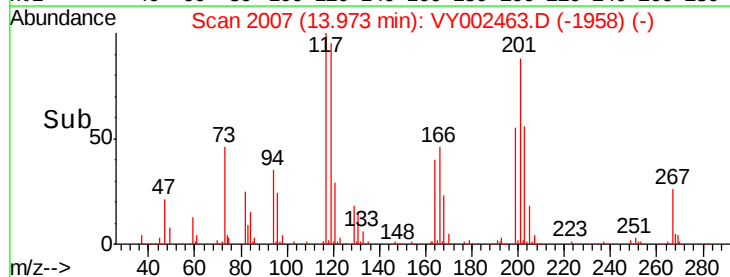
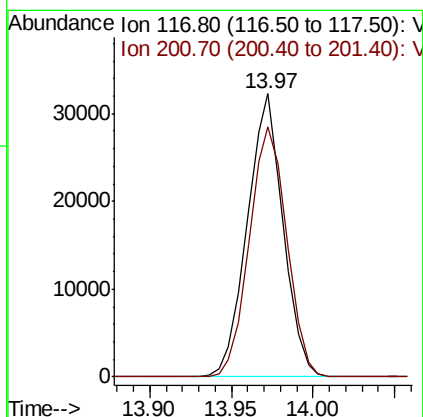
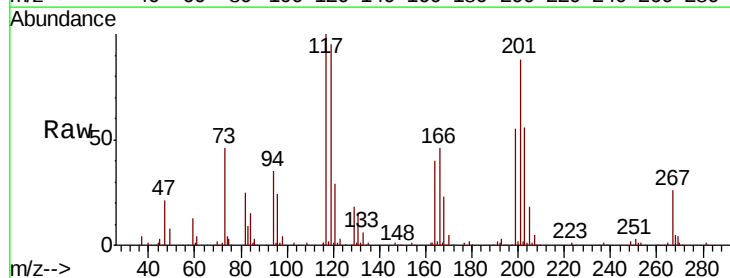
Acq: 23 Apr 2020 16:40

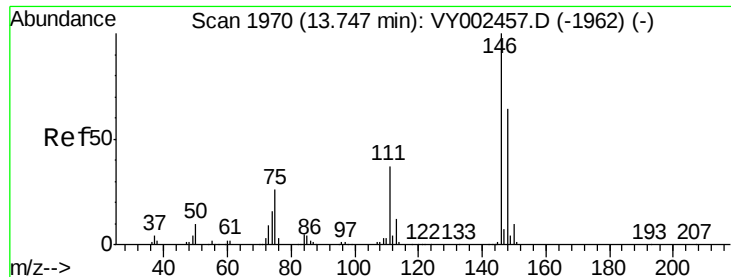
Tgt Ion: 117 Resp: 49283

Ion Ratio Lower Upper

117 100

201 92.0 44.4 133.1

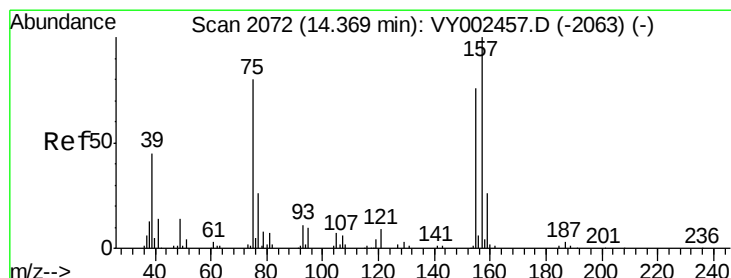
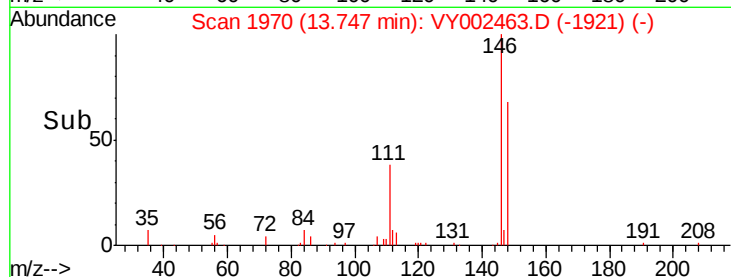
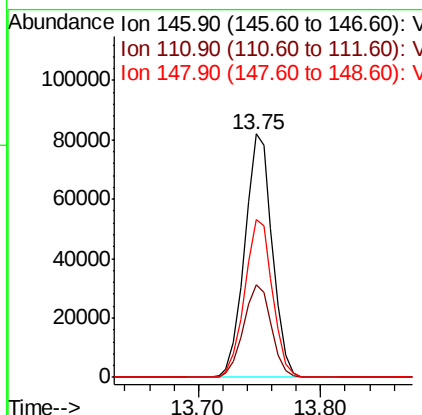
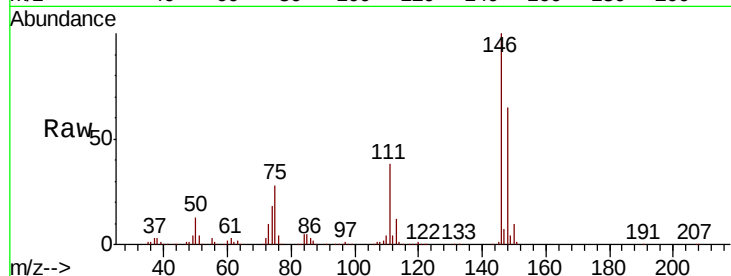




#91
 1,2-Dichlorobenzene
 Concen: 22.949 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

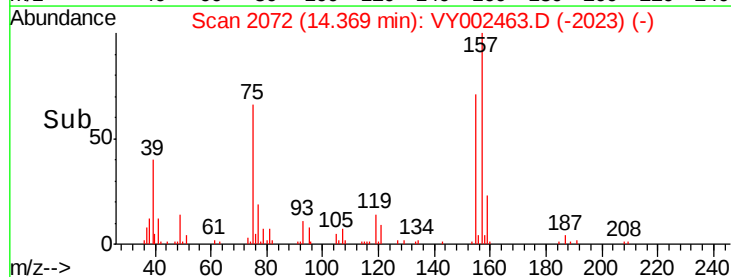
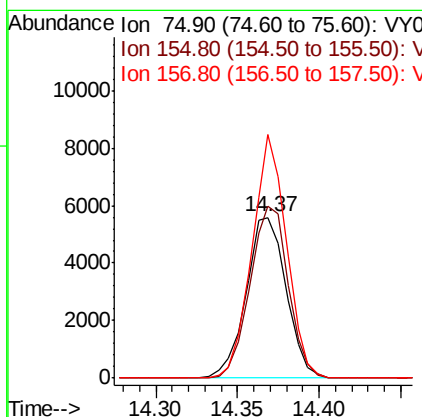
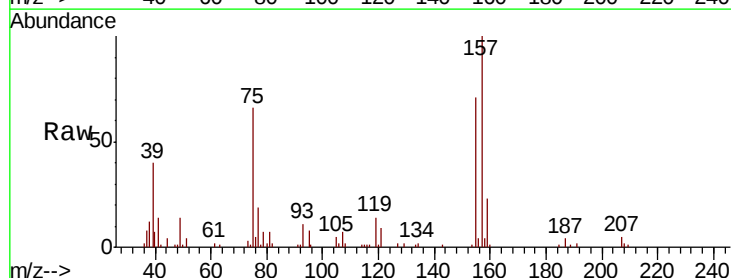
Instrument :
 MSVOA_Y
 ClientSampled :

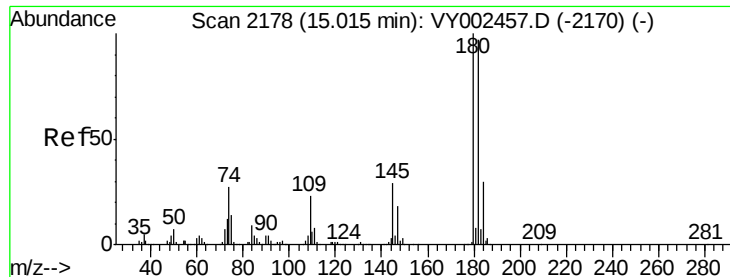
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	65.5	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.486 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	49.6	149.0
157	130.0	62.6	187.9

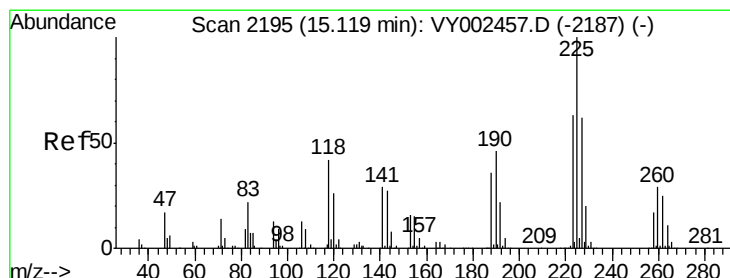
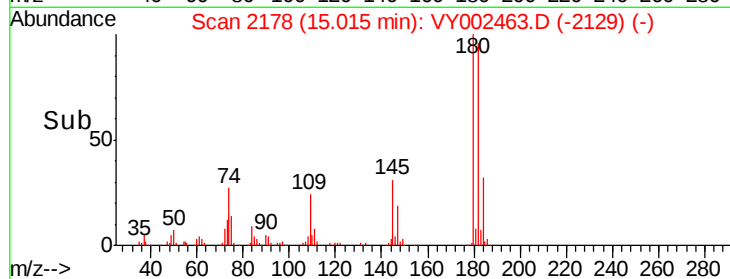
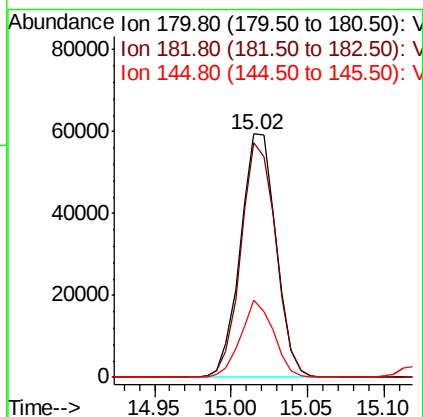
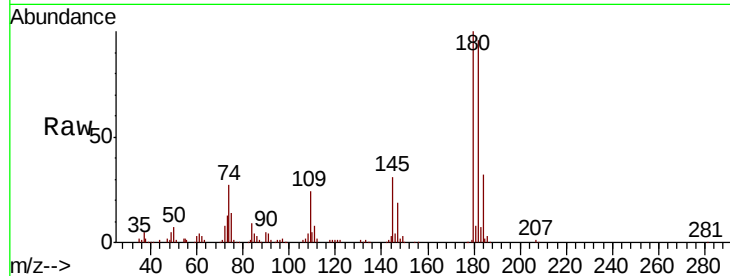




#93
 1,2,4-Trichlorobenzene
 Concen: 21.958 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

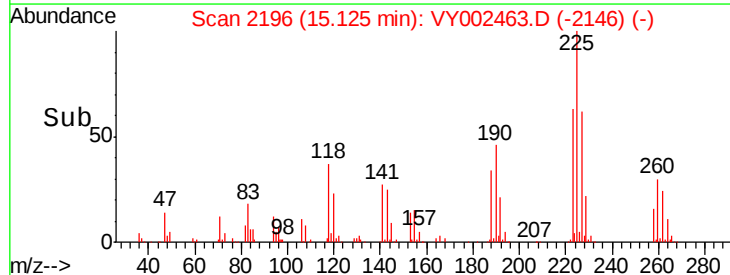
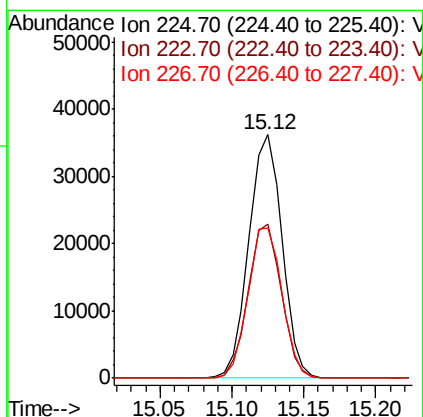
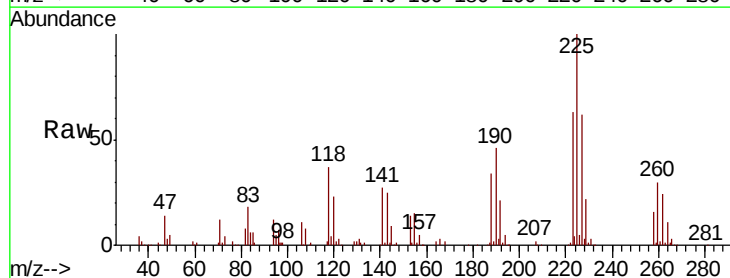
Instrument :
 MSVOA_Y
 ClientSampleId :

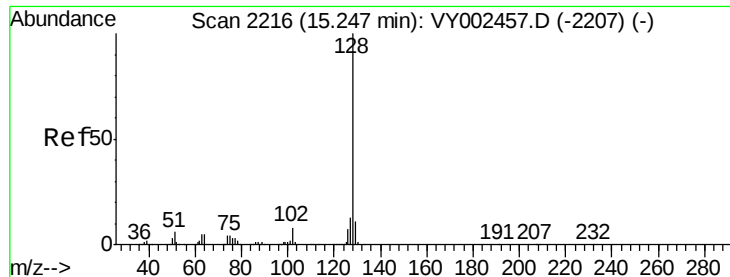
Tot Ion:180 Resp: 96411
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.7
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 21.717 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002463.D
 Acq: 23 Apr 2020 16:40

Tgt Ion:225 Resp: 57547
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.3
 227 63.3 31.5 94.5





#95

Naphthalene

Concen: 23.136 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampled :

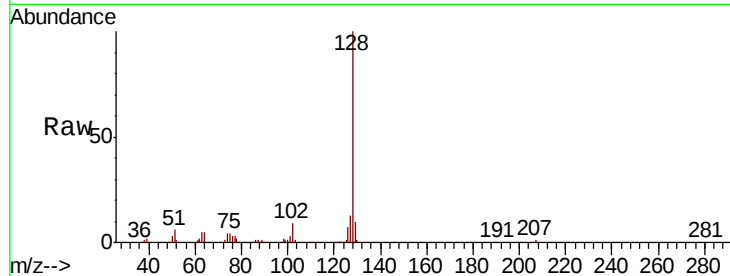
Tot Ion:128 Resp: 188400

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

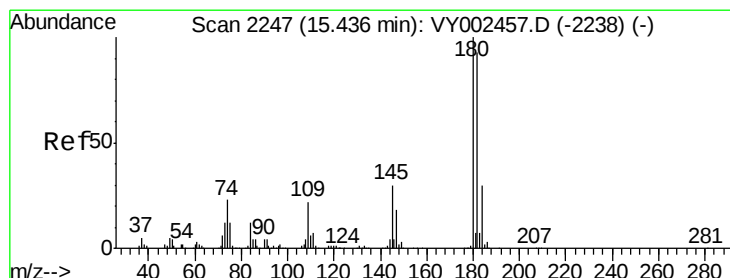
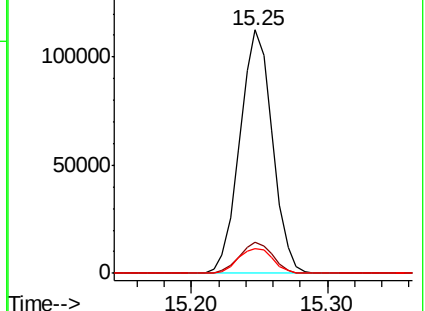
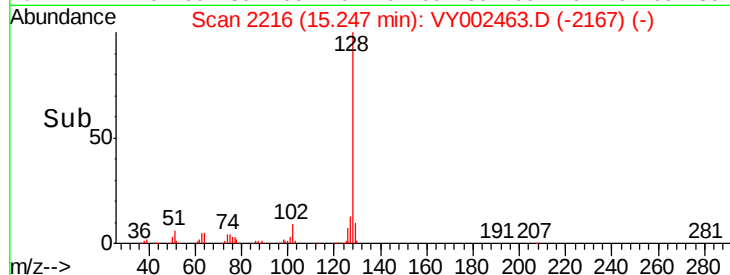
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.253 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002463.D

Acq: 23 Apr 2020 16:40

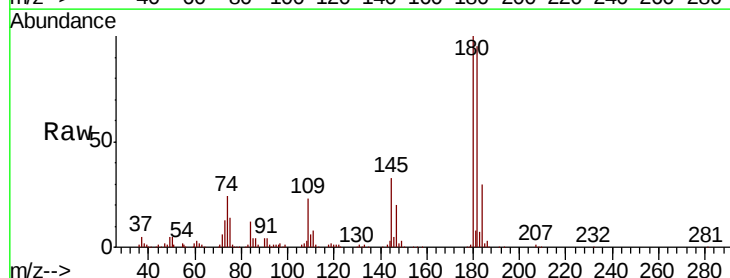
Tgt Ion:180 Resp: 82874

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.6

145 31.4 15.3 45.9



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

