

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002636.D
 Acq On : 08 May 2020 12:46
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:45:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	357031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	529772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	478197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	250870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	144903	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	7.74	113	154094	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.19	98	601927	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.49	95	206280	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	39736	14.773	ug/l	99
3) Chloromethane	2.13	50	49996	17.284	ug/l	97
4) Vinyl Chloride	2.26	62	57897	17.334	ug/l	99
5) Bromomethane	2.65	94	42360	18.390	ug/l	98
6) Chloroethane	2.80	64	37205	18.655	ug/l	98
7) Trichlorofluoromethane	3.15	101	94595	18.273	ug/l	98
8) Diethyl Ether	3.55	74	34473	19.817	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	60115	19.001	ug/l	98
10) Methyl Iodide	4.11	142	77365	17.949	ug/l	98
11) Tert butyl alcohol	4.99	59	28527	92.365	ug/l	99
12) 1,1-Dichloroethene	3.90	96	57448	18.691	ug/l	98
13) Acrolein	3.76	56	16159	75.661	ug/l	99
14) Allyl chloride	4.51	41	87776	19.601	ug/l	98
15) Acrylonitrile	5.19	53	81385	99.206	ug/l	100
16) Acetone	3.97	43	59815	96.547	ug/l	95
17) Carbon Disulfide	4.22	76	158516	17.144	ug/l	97
18) Methyl Acetate	4.50	43	40686	19.655	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	158611	19.780	ug/l	98
20) Methylene Chloride	4.75	84	69316	20.007	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	64557	19.218	ug/l	97
22) Diisopropyl ether	6.15	45	188639	20.819	ug/l	97
23) Vinyl Acetate	6.10	43	565438	99.227	ug/l	99
24) 1,1-Dichloroethane	6.05	63	107032	19.967	ug/l	99
25) 2-Butanone	7.02	43	98212	96.841	ug/l	97
26) 2,2-Dichloropropane	7.01	77	97467	19.129	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	74213	19.966	ug/l	98
28) Bromochloromethane	7.36	49	43206	19.672	ug/l	98
29) Tetrahydrofuran	7.37	42	67122	100.036	ug/l	100
30) Chloroform	7.53	83	111166	19.945	ug/l	100
31) Cyclohexane	7.80	56	99155	18.377	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	101338	19.561	ug/l	99
36) 1,1-Dichloropropene	7.94	75	86629	19.506	ug/l	99
37) Ethyl Acetate	7.10	43	44840	19.648	ug/l	99
38) Carbon Tetrachloride	7.93	117	92288	19.034	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	108829	18.553	ug/l	100
40) Benzene	8.18	78	253612	19.772	ug/l	99
41) Methacrylonitrile	7.37	41	60375	49.203	ug/l #	43
42) 1,2-Dichloroethane	8.25	62	69127	19.213	ug/l	97
43) Isopropyl Acetate	8.29	43	85258	19.927	ug/l	99
44) Trichloroethene	8.96	130	82309	20.533	ug/l	97
45) 1,2-Dichloropropane	9.24	63	62546	20.204	ug/l	99
46) Dibromomethane	9.32	93	35001	19.651	ug/l	99
47) Bromodichloromethane	9.51	83	85690	19.786	ug/l	98
48) Methyl methacrylate	9.31	41	37191	19.207	ug/l	97
49) 1,4-Dioxane	9.32	88	9944	421.659	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	224129	101.633	ug/l	100
52) Toluene	10.25	92	164949	20.009	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	89454	19.713	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	104189	19.861	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	52626	20.261	ug/l	97
56) Ethyl methacrylate	10.52	69	69341	20.068	ug/l	97
57) 1,3-Dichloropropane	10.80	76	87312	19.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	184598	101.305	ug/l	99
59) 2-Hexanone	10.85	43	154488	101.782	ug/l	100
60) Dibromochloromethane	10.99	129	66416	20.104	ug/l	98
61) 1,2-Dibromoethane	11.10	107	50175	19.509	ug/l	100
64) Tetrachloroethene	10.73	164	90594	21.322	ug/l	98
65) Chlorobenzene	11.53	112	181660	19.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	67624	20.040	ug/l	98
67) Ethyl Benzene	11.60	91	320428	20.067	ug/l	100
68) m/p-Xylenes	11.71	106	247897	40.123	ug/l	100
69) o-Xylene	12.03	106	116914	20.210	ug/l	99
70) Styrene	12.05	104	202970	20.524	ug/l	98
71) Bromoform	12.22	173	42774	20.423	ug/l #	99
73) Isopropylbenzene	12.34	105	318747	19.605	ug/l	100
74) N-amyl acetate	12.15	43	78335	20.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	47591	18.405	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	78400	35.166	ug/l #	100
77) Bromobenzene	12.62	156	80593	19.840	ug/l	99
78) n-propylbenzene	12.68	91	373071	19.773	ug/l	100
79) 2-Chlorotoluene	12.77	91	206807	19.787	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	270243	20.052	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	21928	19.723	ug/l	95
82) 4-Chlorotoluene	12.86	91	222090	20.230	ug/l	98
83) tert-Butylbenzene	13.08	119	234386	19.834	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	267656	19.927	ug/l	99
85) sec-Butylbenzene	13.26	105	328940	20.060	ug/l	100
86) p-Isopropyltoluene	13.38	119	307500	20.014	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	152875	19.884	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	152370	20.015	ug/l	98
89) n-Butylbenzene	13.70	91	282651	20.208	ug/l	99
90) Hexachloroethane	13.97	117	56672	20.254	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	137602	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9430	19.564	ug/l	96

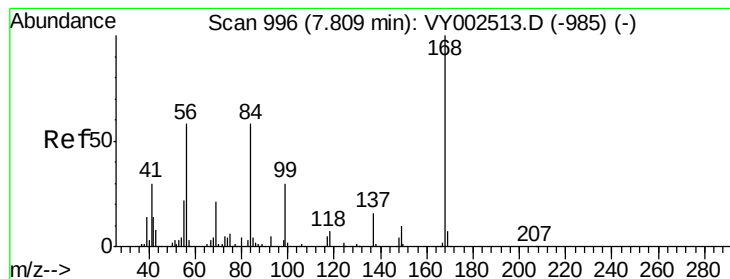
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	101840	20.447	ug/l	99
94) Hexachlorobutadiene	15.12	225	61750	20.655	ug/l	98
95) Naphthalene	15.25	128	181488	19.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	86892	20.551	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

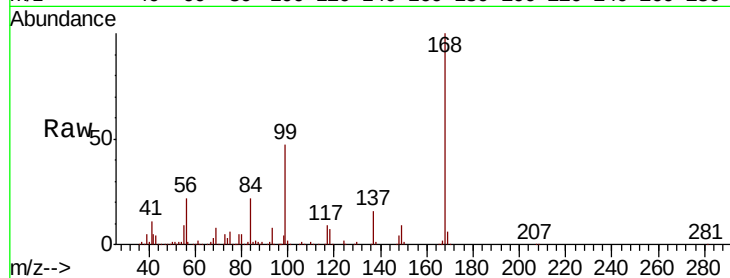
ClientSampleId :

Tot Ion:168 Resp: 357031

Ion Ratio Lower Upper

168 100

99 47.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

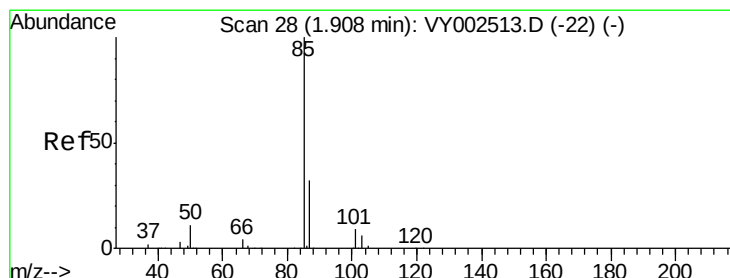
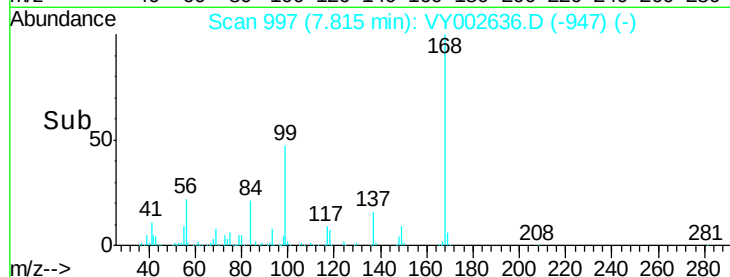
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 14.773 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002636.D

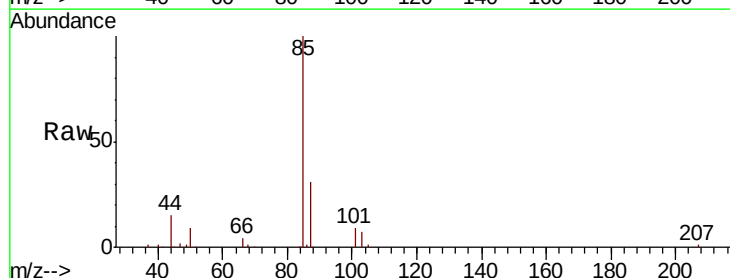
Acq: 08 May 2020 12:46

Tgt Ion: 85 Resp: 39736

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

30000

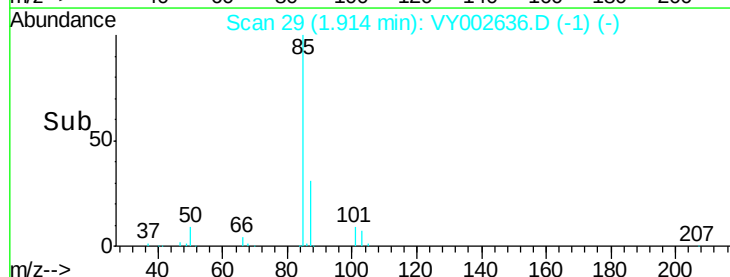
20000

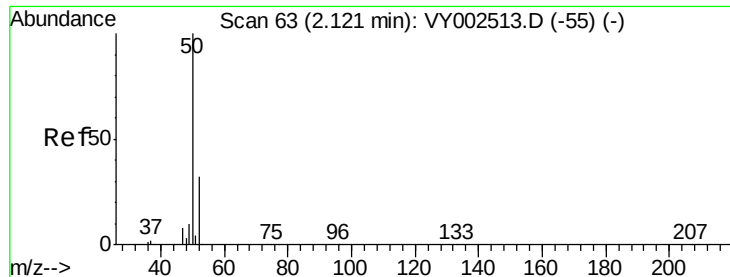
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->

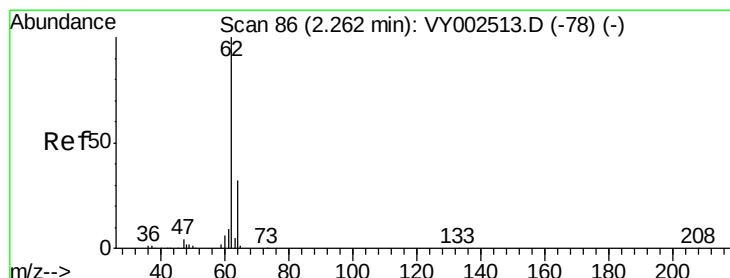
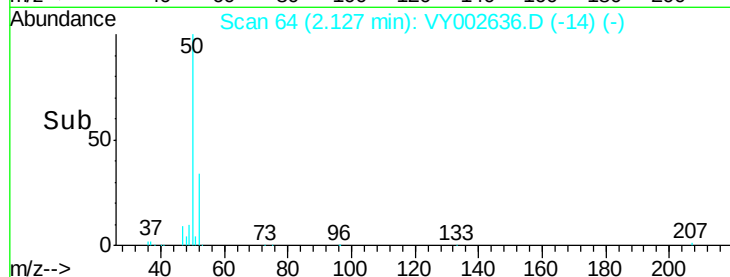
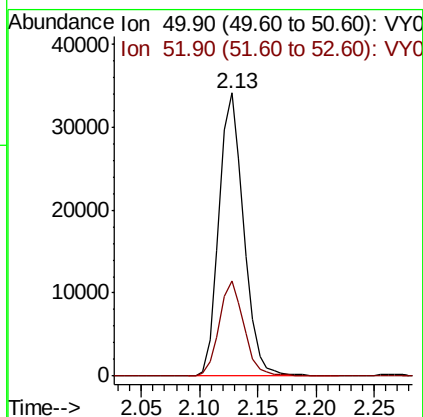
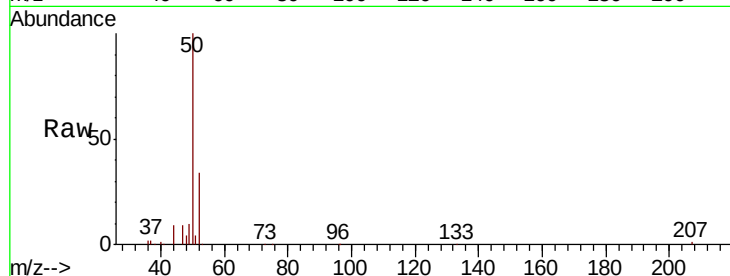




#3
Chloromethane
Concen: 17.284 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

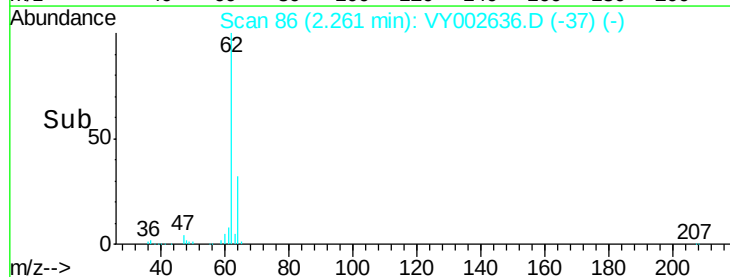
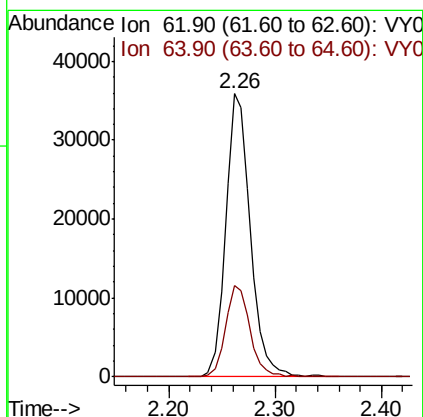
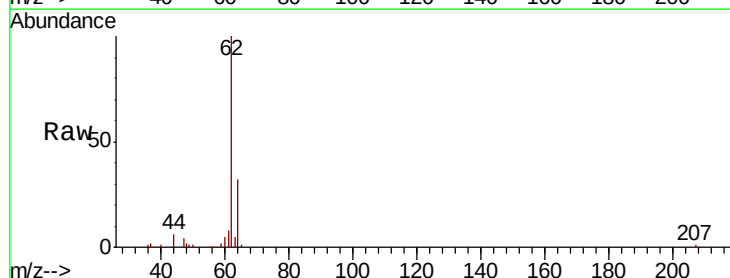
Instrument :
MSVOA_Y
ClientSampleId :

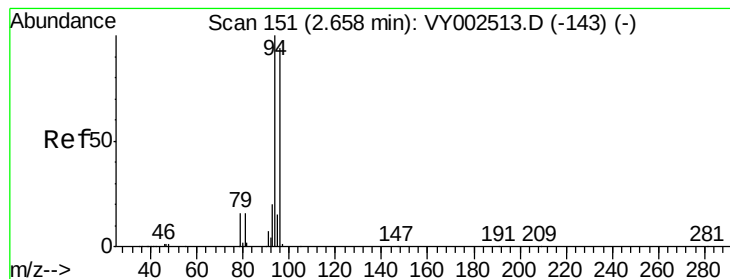
Tot Ion: 50 Resp: 49996
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9



#4
Vinyl Chloride
Concen: 17.334 ug/l
RT: 2.26 min Scan# 86
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 62 Resp: 57897
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 18.390 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

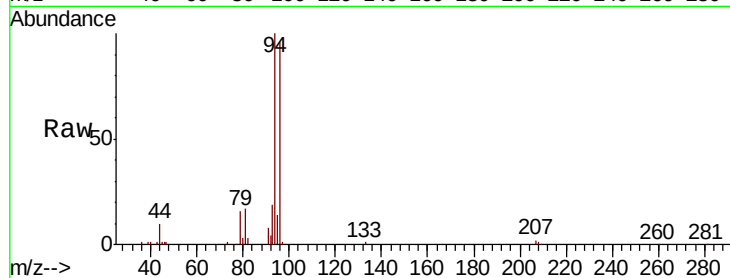
ClientSampleId :

Tot Ion: 94 Resp: 42360

Ion Ratio Lower Upper

94 100

96 95.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

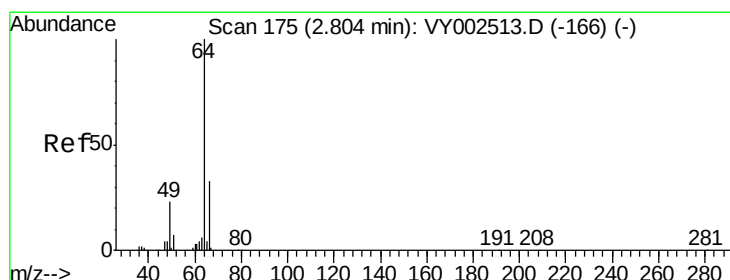
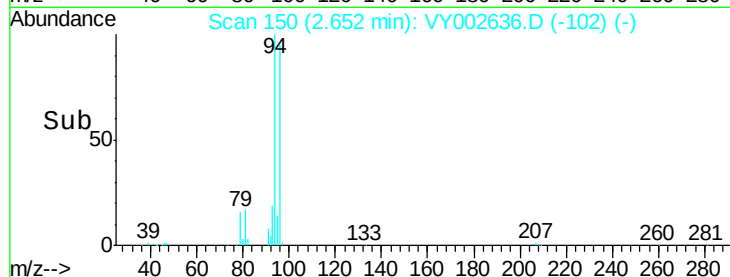
10000

5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 18.655 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002636.D

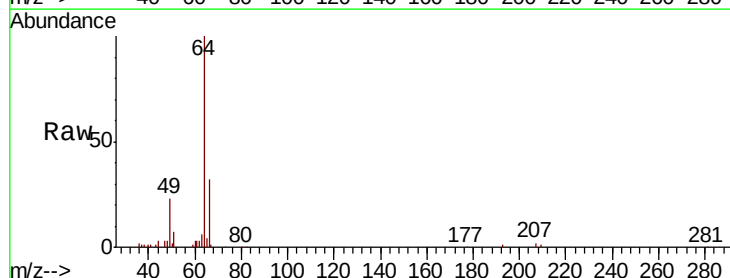
Acq: 08 May 2020 12:46

Tgt Ion: 64 Resp: 37205

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

20000

15000

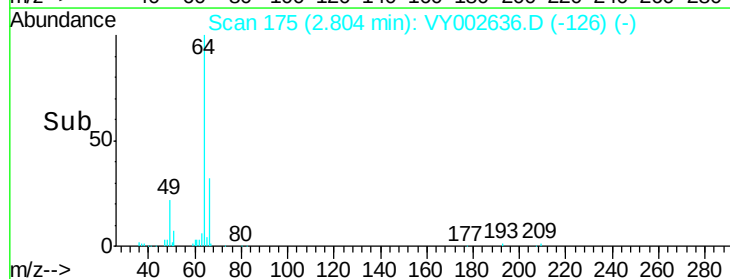
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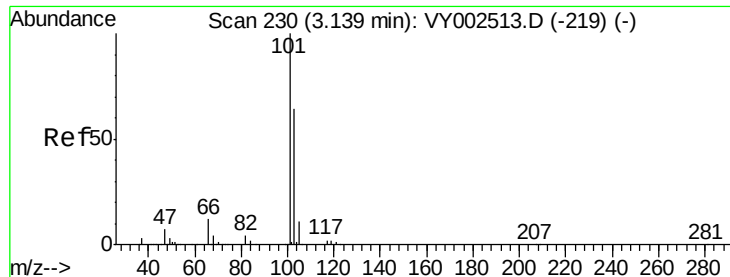
5000

0

2.70 2.80 2.90

Time-->



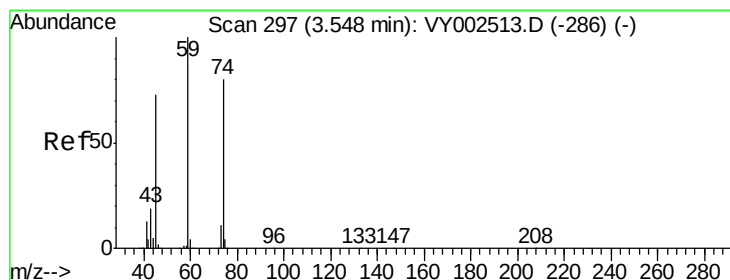
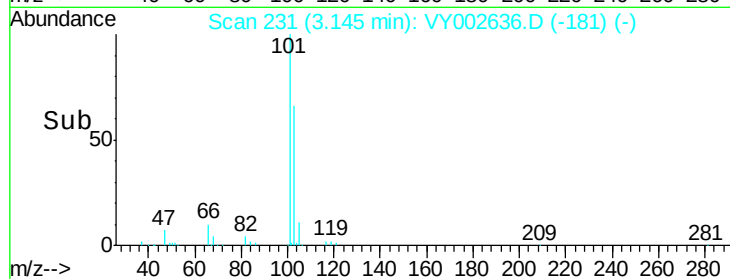
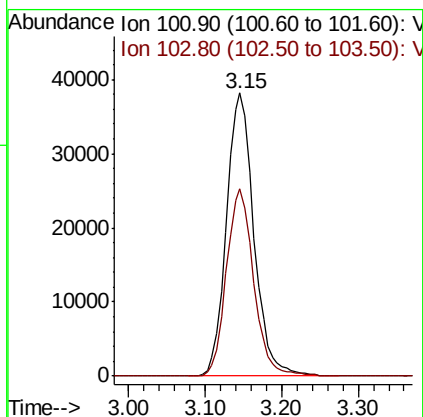
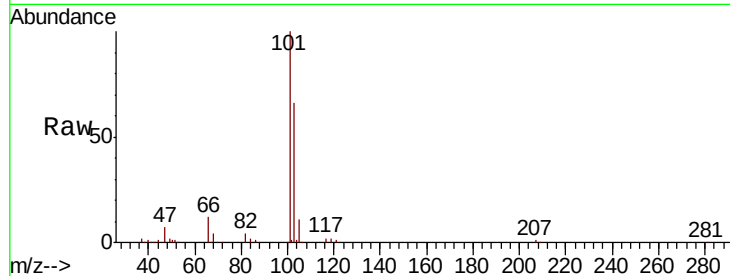


#7

Trichlorofluoromethane
Concen: 18.273 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

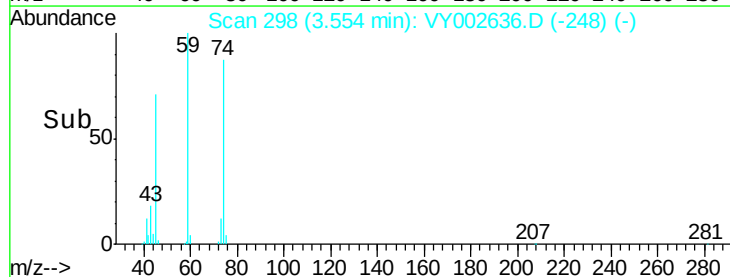
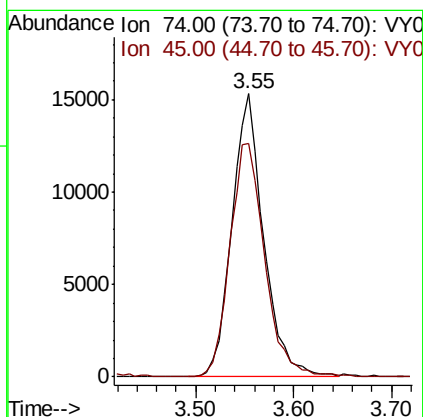
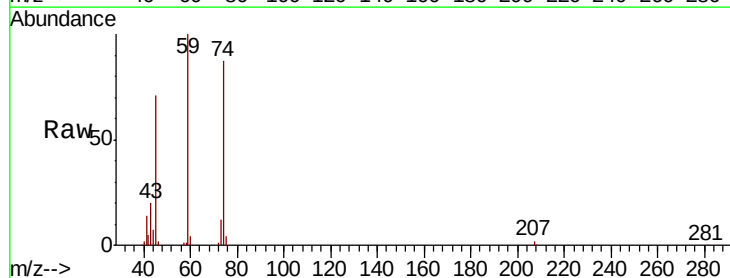
Tot Ion:101 Resp: 94595
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

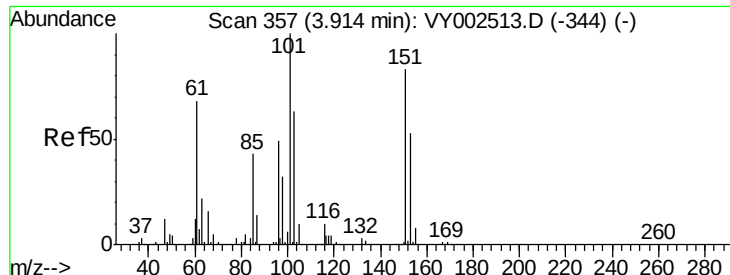


#8

Diethyl Ether
Concen: 19.817 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 74 Resp: 34473
Ion Ratio Lower Upper
74 100
45 90.4 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.001 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampled :

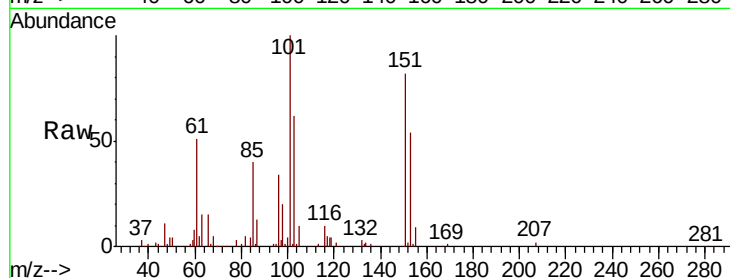
Tot Ion:101 Resp: 60115

Ion Ratio Lower Upper

101 100

85 40.9 33.4 50.2

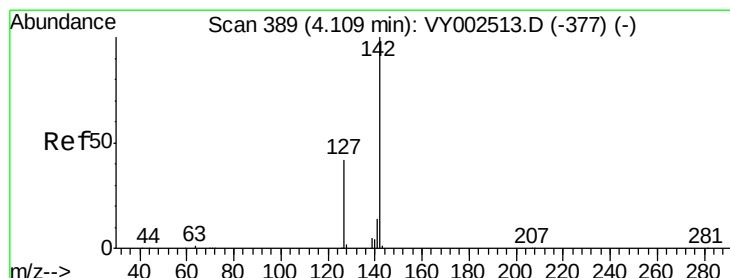
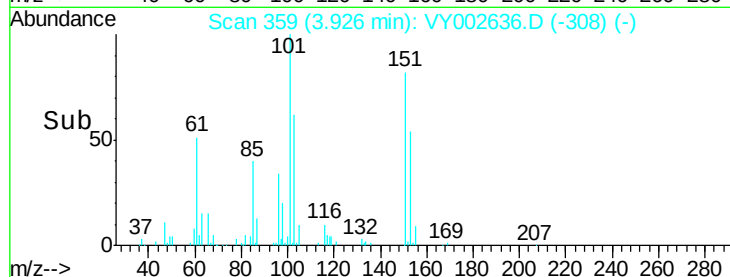
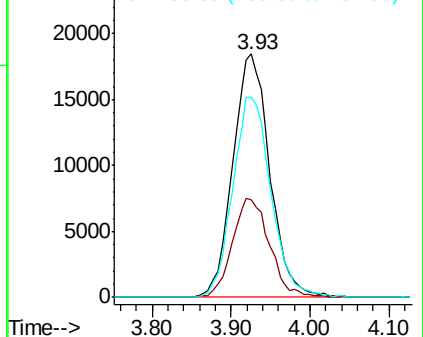
151 85.5 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.949 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

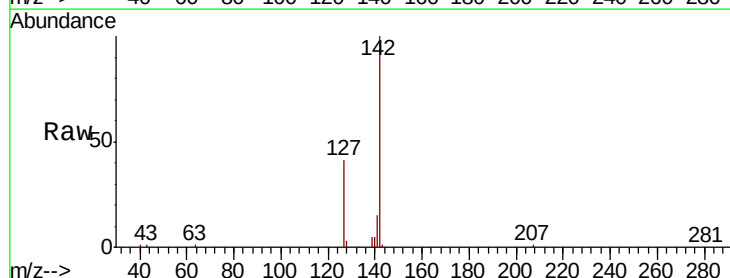
Tgt Ion:142 Resp: 77365

Ion Ratio Lower Upper

142 100

127 40.7 33.7 50.5

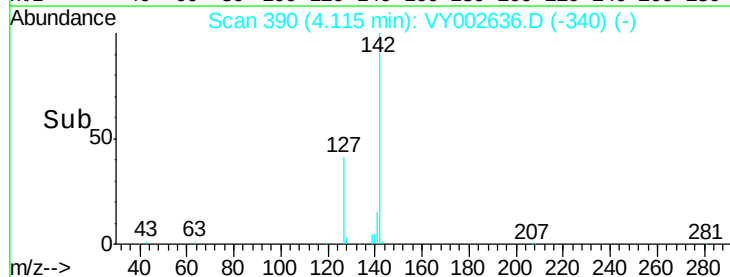
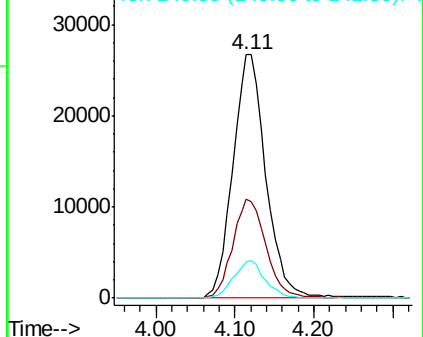
141 14.6 11.4 17.0

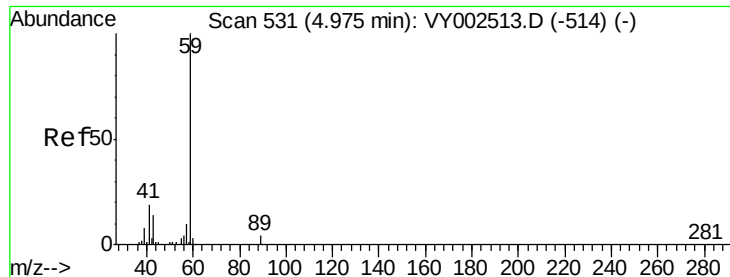


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



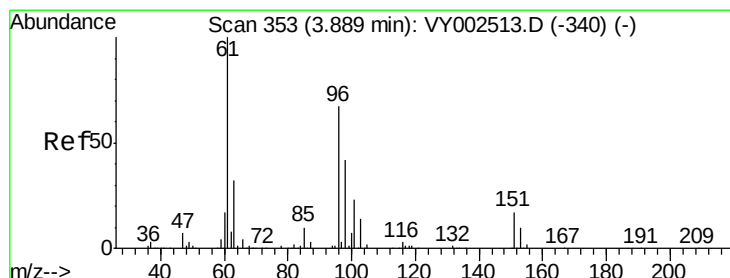
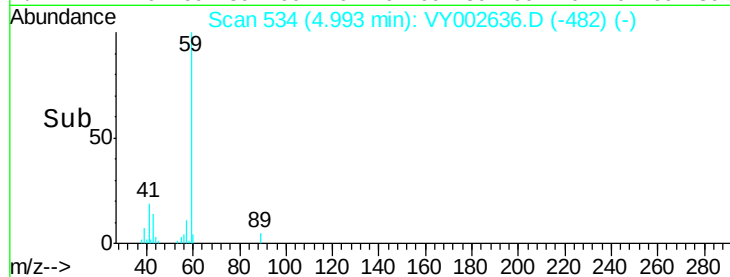
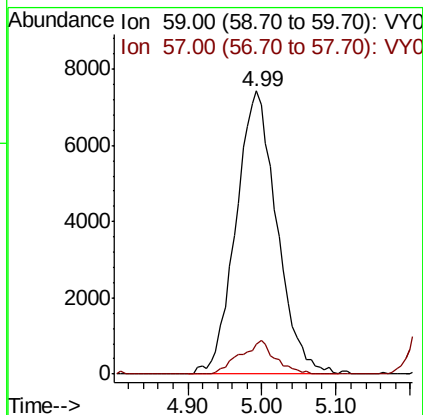
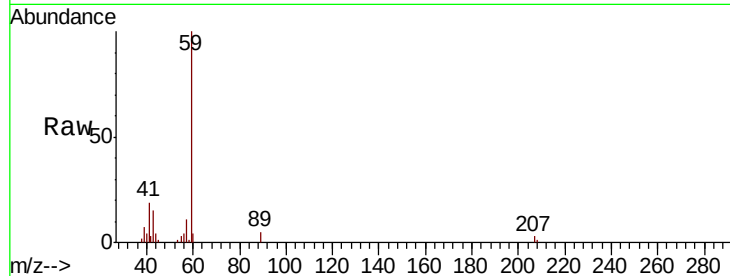


#11

Tert butyl alcohol
 Concen: 92.365 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :

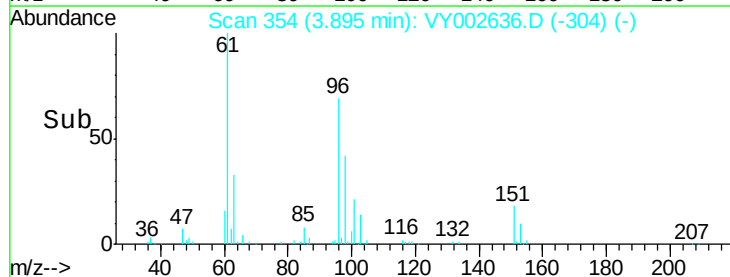
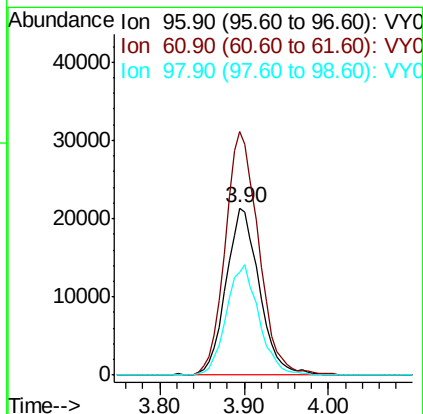
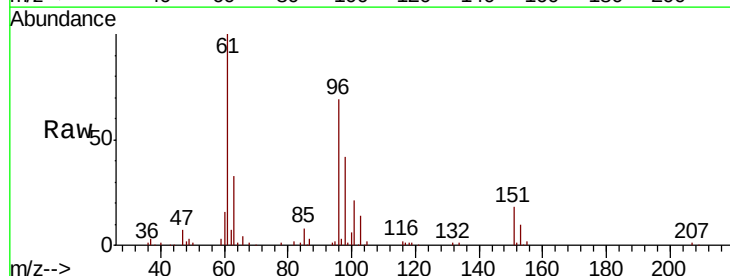
Tot Ion: 59 Resp: 28527
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

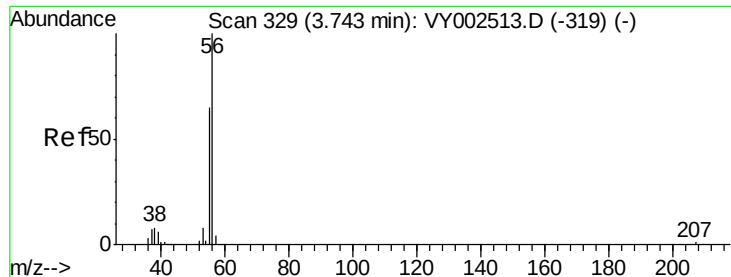


#12

1,1-Dichloroethene
 Concen: 18.691 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion: 96 Resp: 57448
 Ion Ratio Lower Upper
 96 100
 61 145.5 118.8 178.2
 98 61.6 49.6 74.4





#13

Acrolein

Concen: 75.661 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

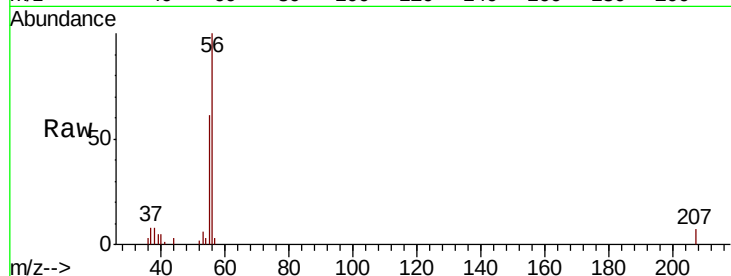
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 16159

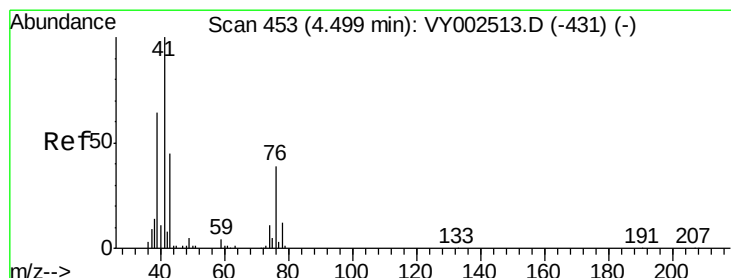
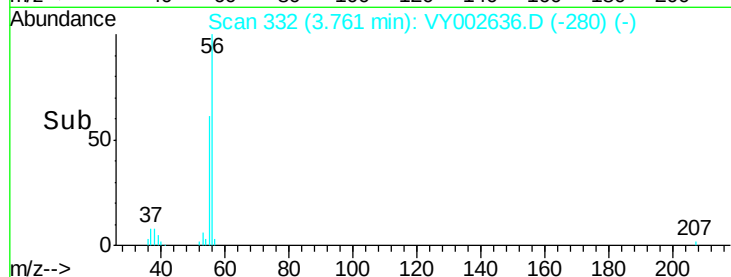
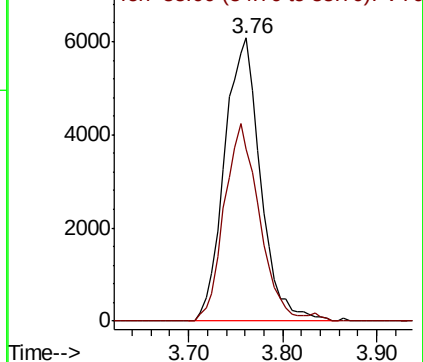
Ion Ratio Lower Upper

56 100

55 68.0 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.601 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

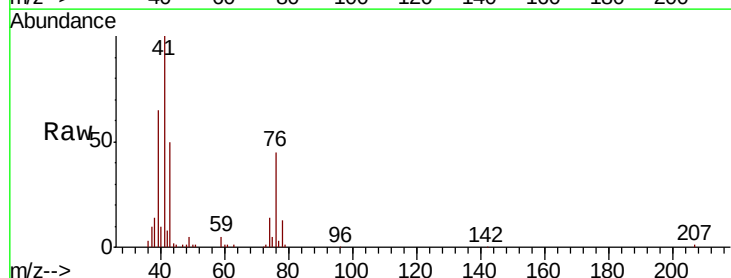
Tgt Ion: 41 Resp: 87776

Ion Ratio Lower Upper

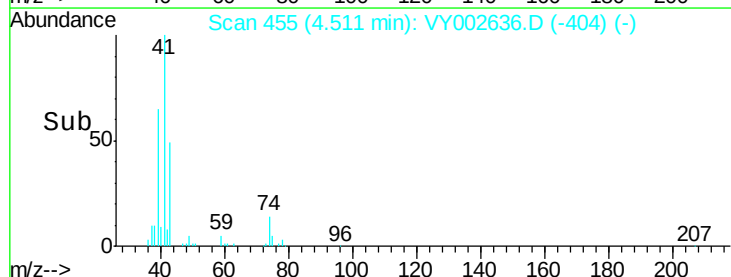
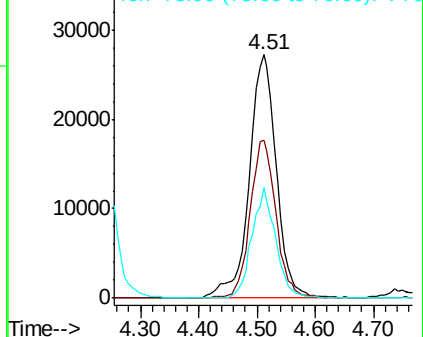
41 100

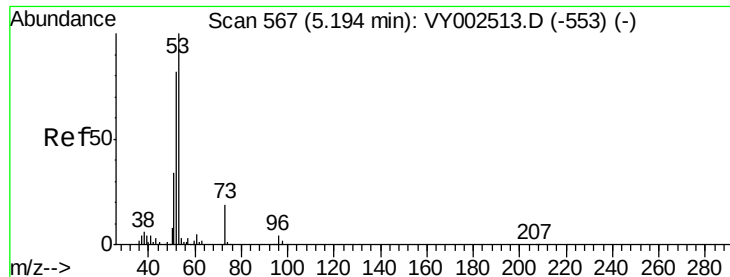
39 62.0 51.8 77.6

76 39.7 31.7 47.5



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





#15

Acrylonitrile

Concen: 99.206 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

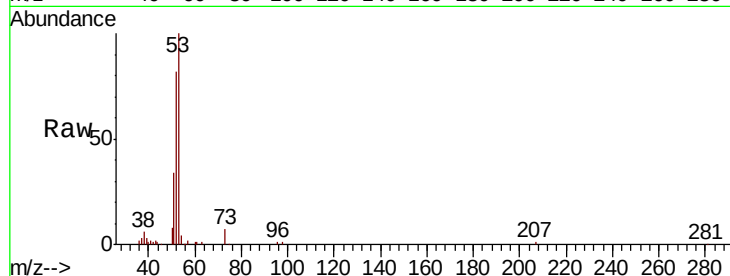
Tot Ion: 53 Resp: 81385

Ion Ratio Lower Upper

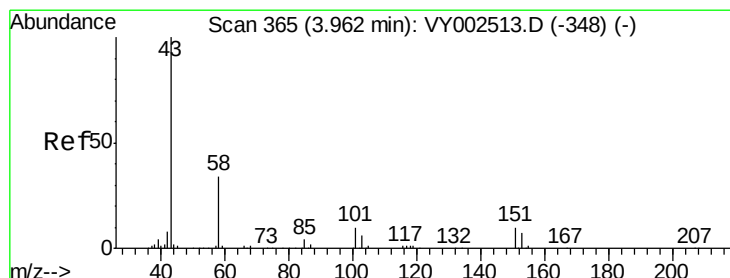
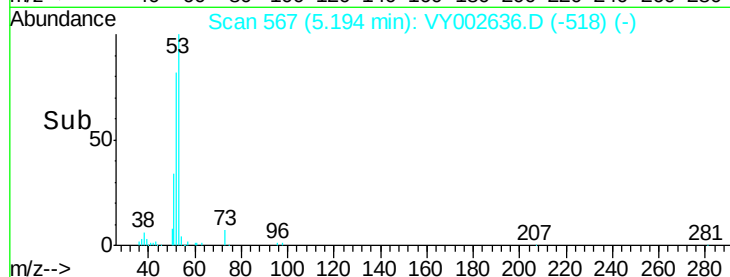
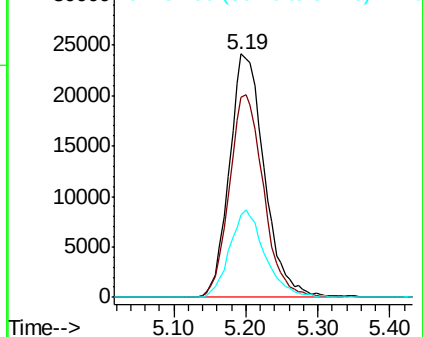
53 100

52 81.4 65.4 98.0

51 36.1 28.7 43.1



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: 96.547 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002636.D

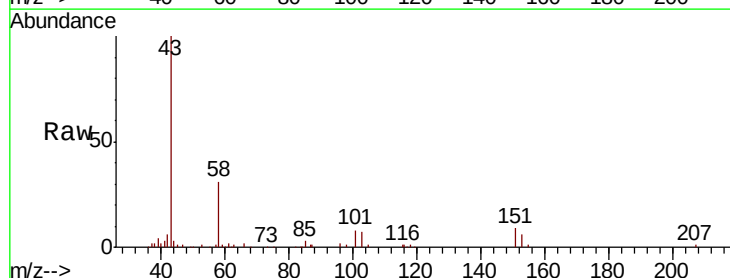
Acq: 08 May 2020 12:46

Tgt Ion: 43 Resp: 59815

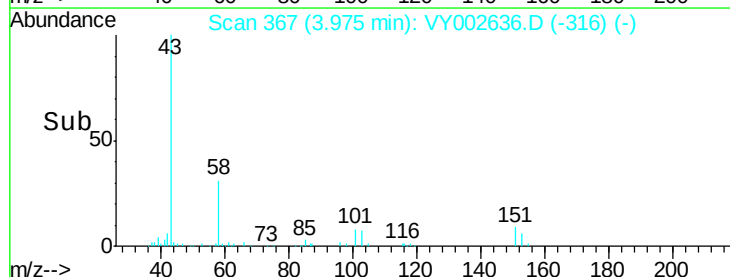
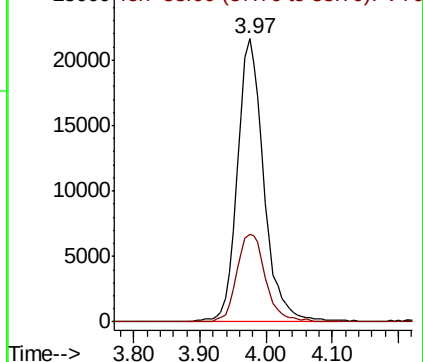
Ion Ratio Lower Upper

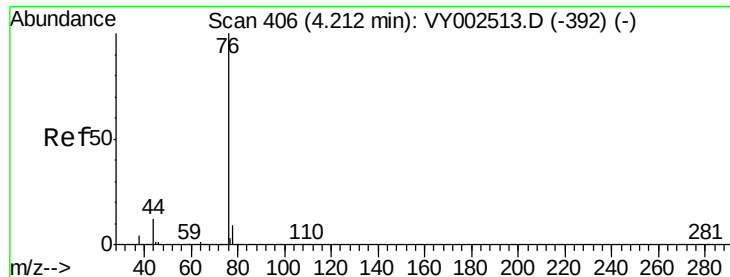
43 100

58 30.9 26.9 40.3



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





#17

Carbon Disulfide

Concen: 17.144 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

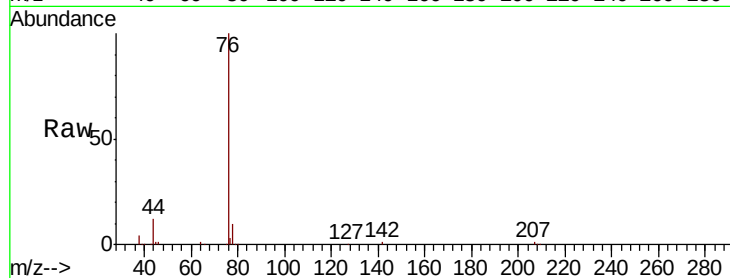
ClientSampleId :

Tot Ion: 76 Resp: 158516

Ion Ratio Lower Upper

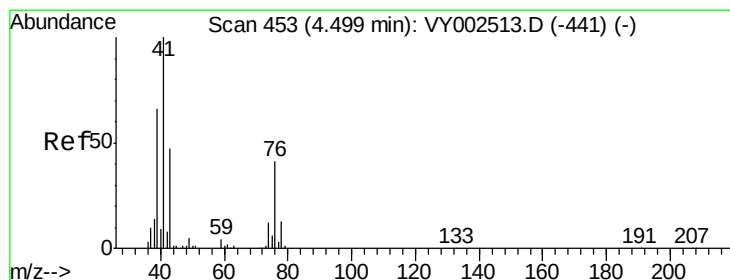
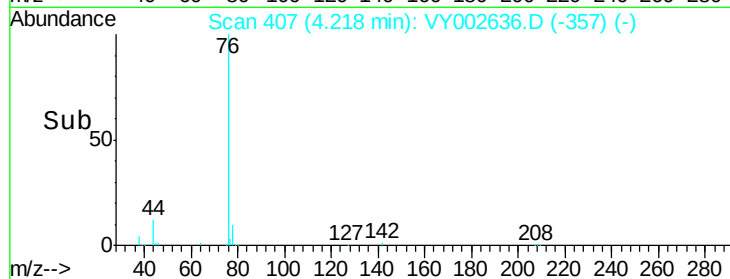
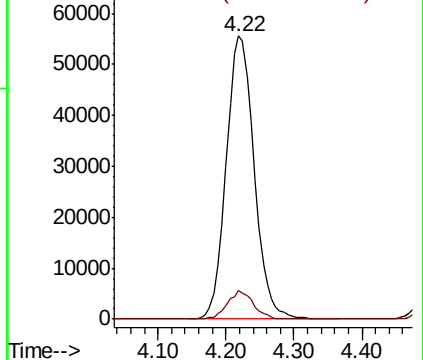
76 100

78 10.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.655 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002636.D

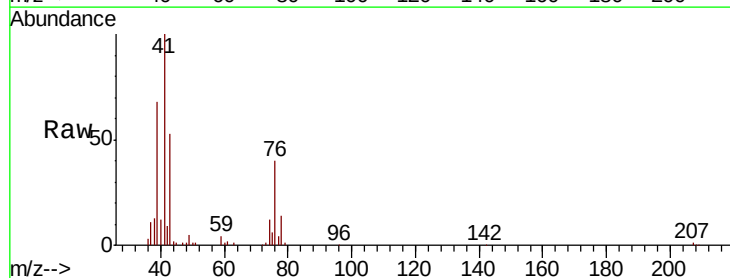
Acq: 08 May 2020 12:46

Tgt Ion: 43 Resp: 40686

Ion Ratio Lower Upper

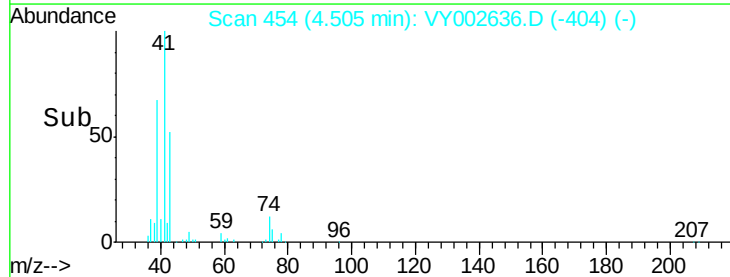
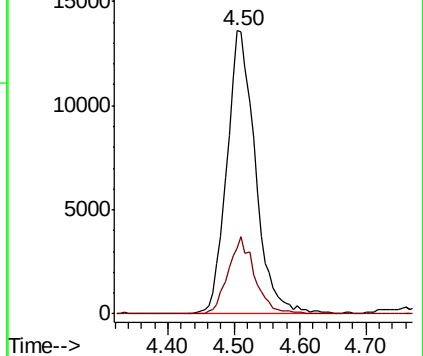
43 100

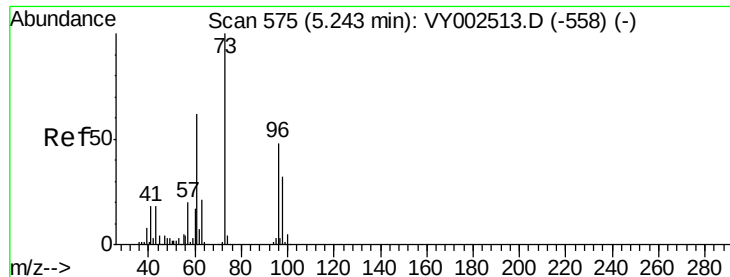
74 25.2 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

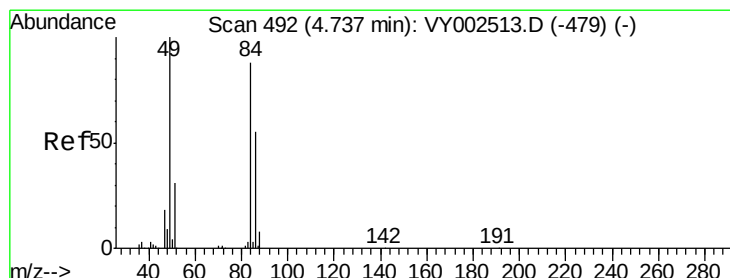
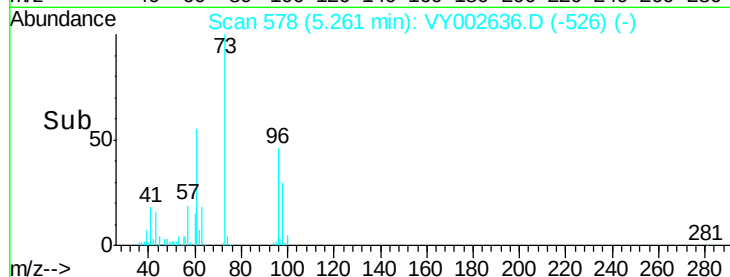
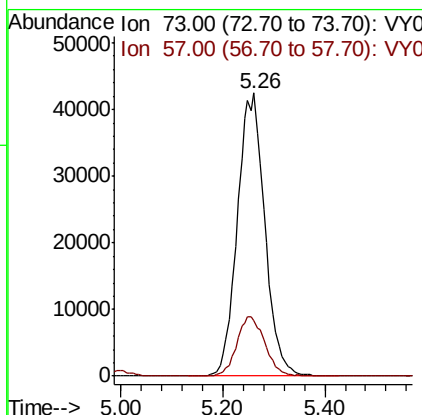
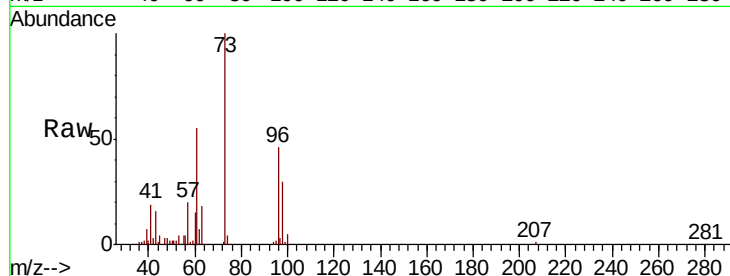




#19
Methyl tert-butyl Ether
Concen: 19.780 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

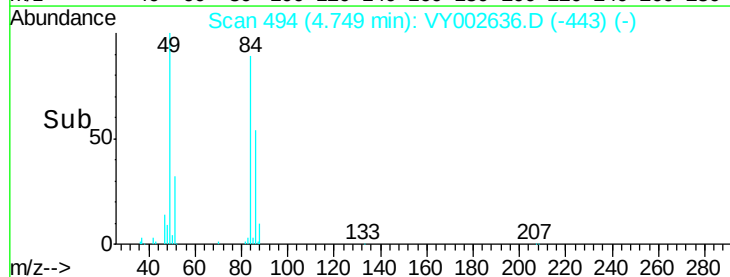
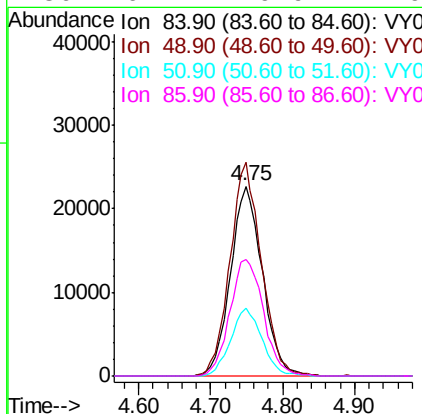
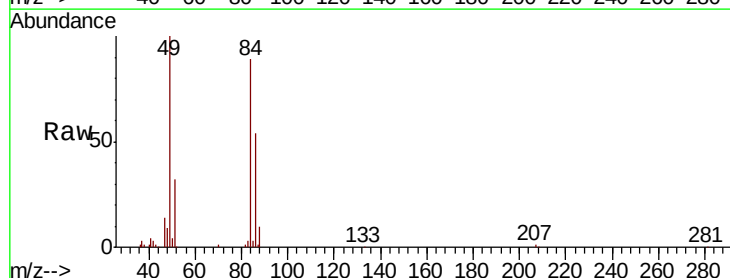
Instrument :
MSVOA_Y
ClientSampleId :

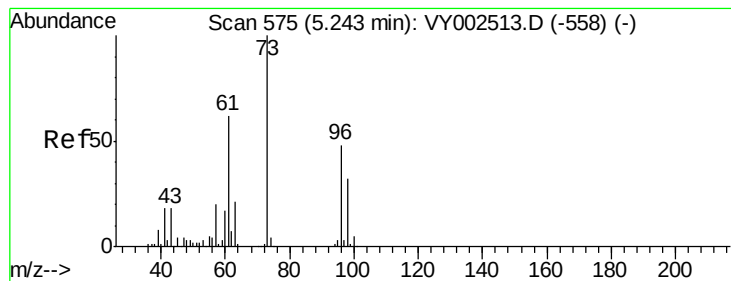
Tot Ion: 73 Resp: 158611
Ion Ratio Lower Upper
73 100
57 19.5 16.3 24.5



#20
Methylene Chloride
Concen: 20.007 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 84 Resp: 69316
Ion Ratio Lower Upper
84 100
49 112.7 90.5 135.7
51 35.5 28.3 42.5
86 61.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.218 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

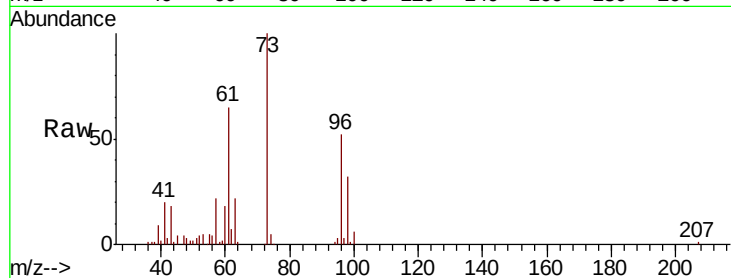
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 96 Resp: 64557

Ion	Ratio	Lower	Upper
96	100		
61	125.7	102.0	153.0
98	61.9	53.0	79.4

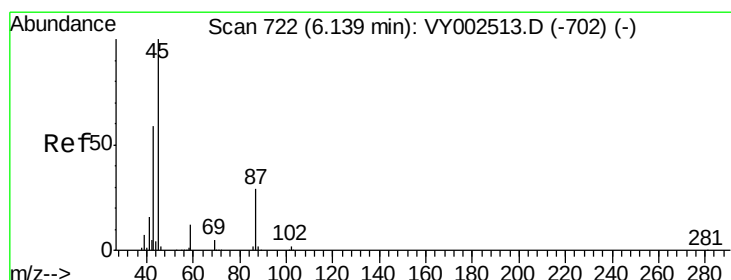
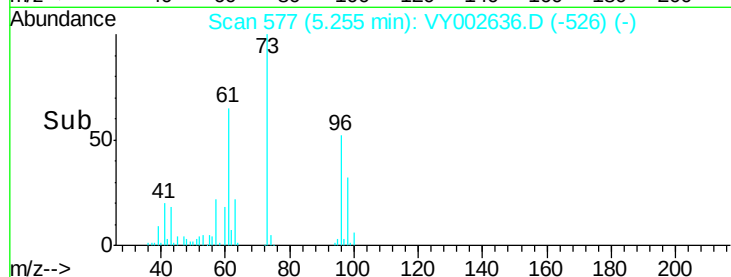
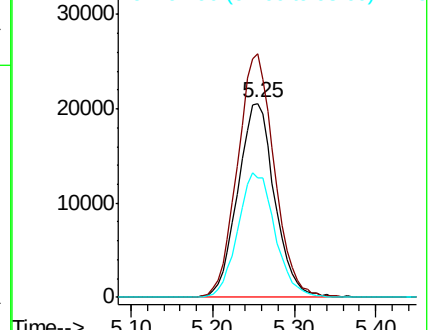


Abundance

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: 20.819 ug/l

RT: 6.15 min Scan# 724

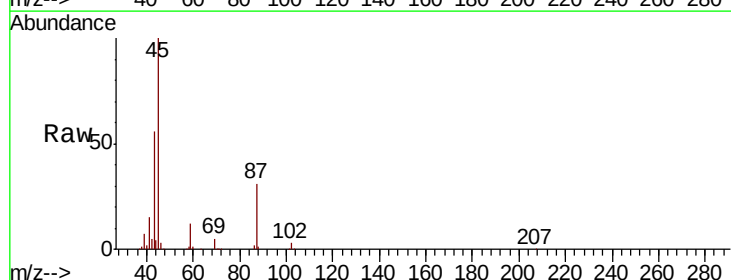
Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Tgt Ion: 45 Resp: 188639

Ion	Ratio	Lower	Upper
45	100		
43	55.8	47.4	71.0
87	30.7	24.0	36.0
59	11.7	9.8	14.8



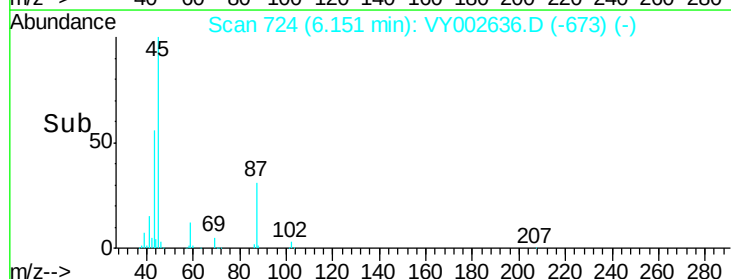
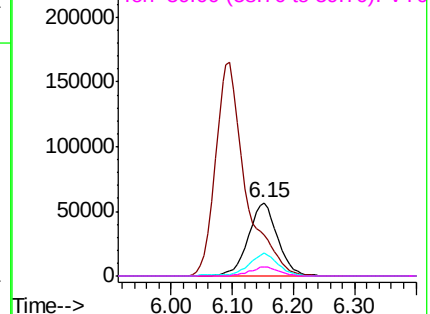
Abundance

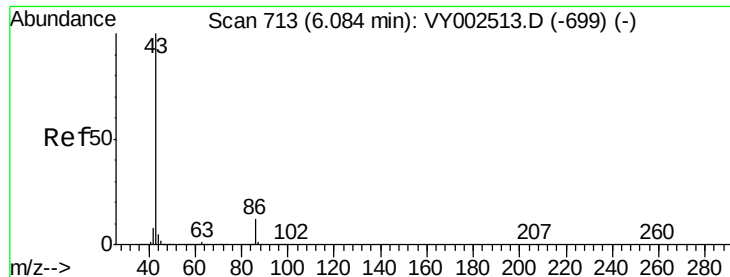
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.227 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

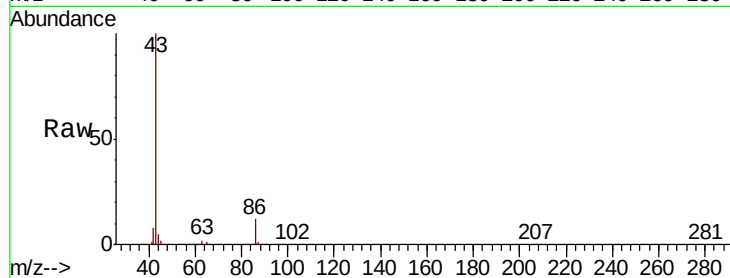
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 565438

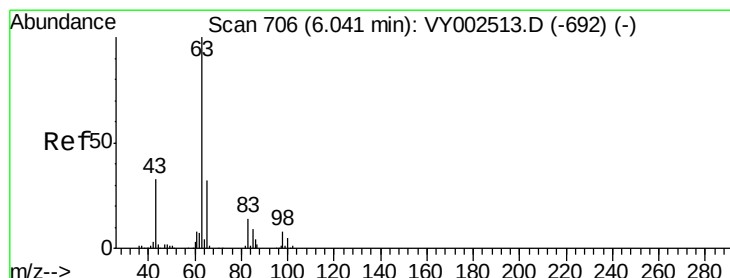
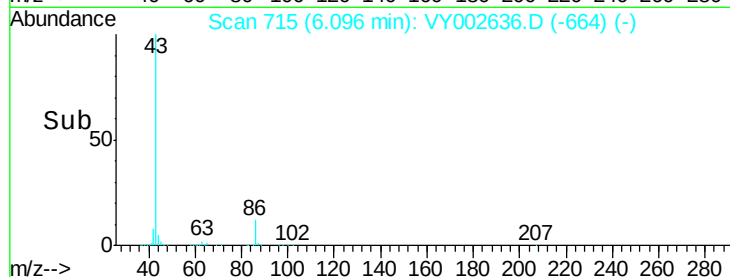
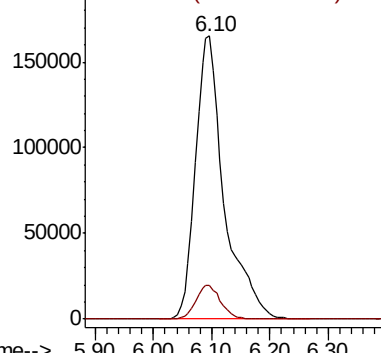
Ion Ratio Lower Upper

43 100

86 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.967 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

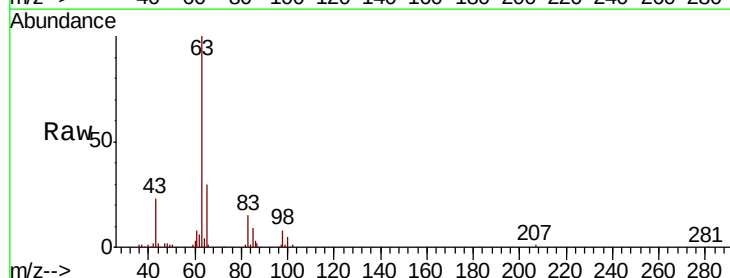
Tgt Ion: 63 Resp: 107032

Ion Ratio Lower Upper

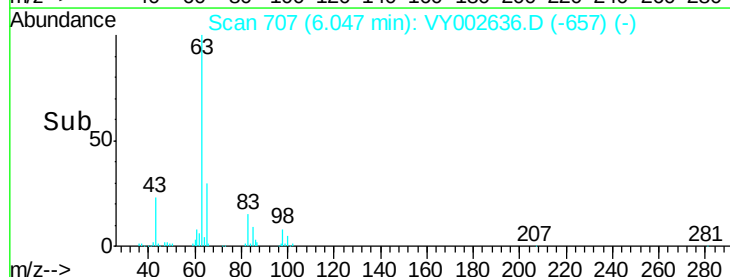
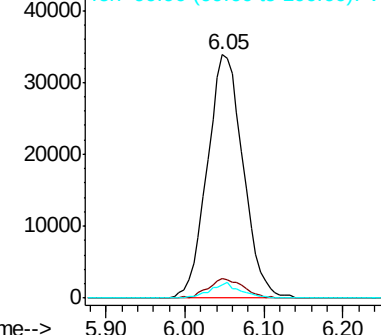
63 100

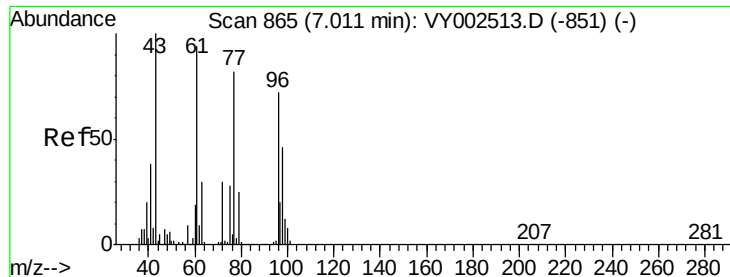
98 8.2 3.9 11.7

100 5.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

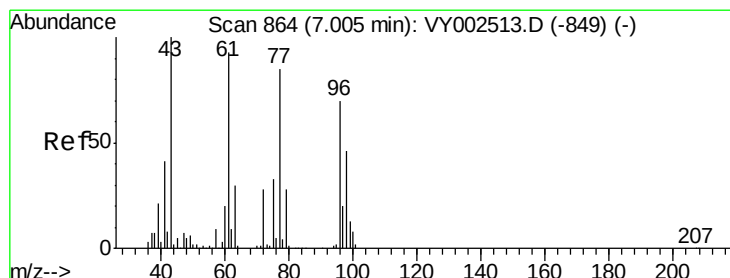
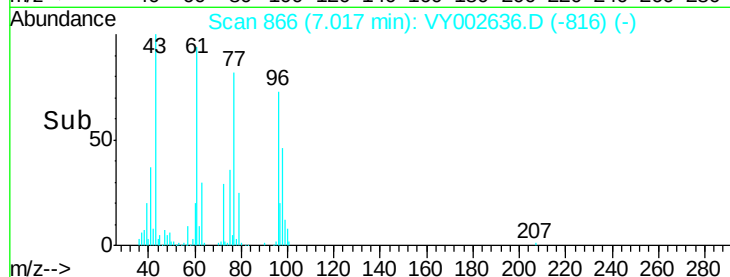
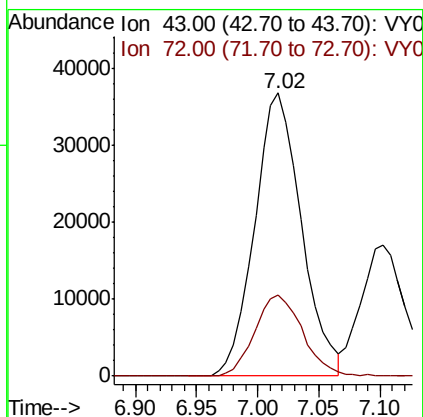
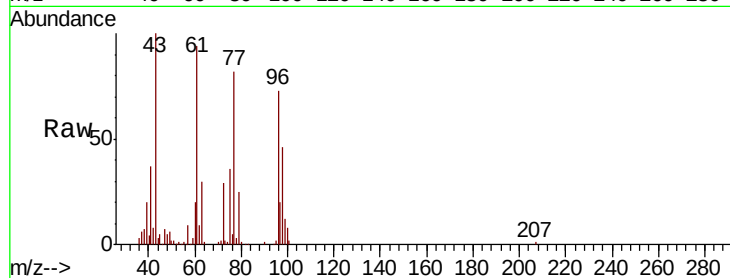




#25
2-Butanone
Concen: 96.841 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

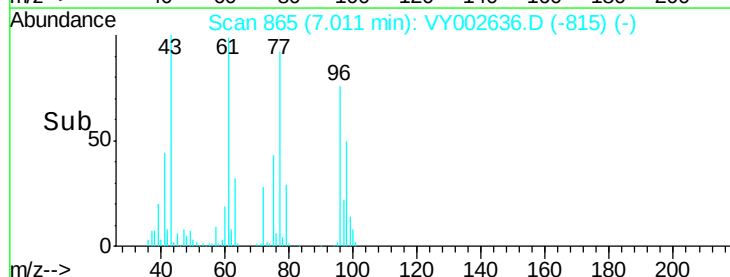
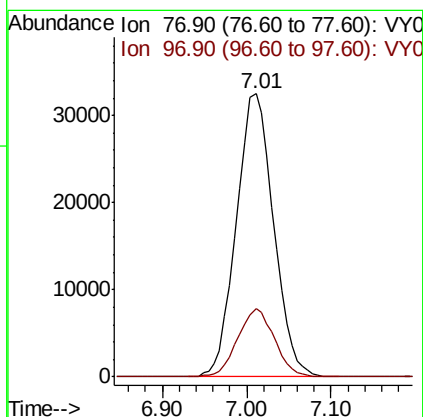
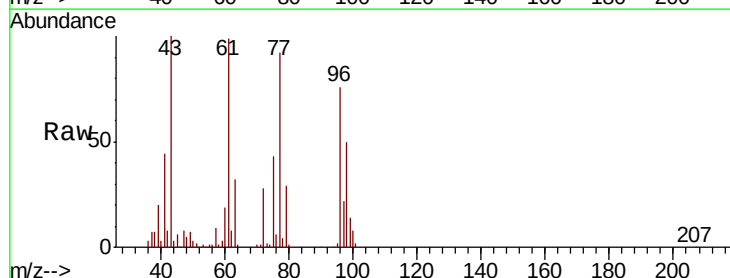
Instrument :
MSVOA_Y
ClientSampled :

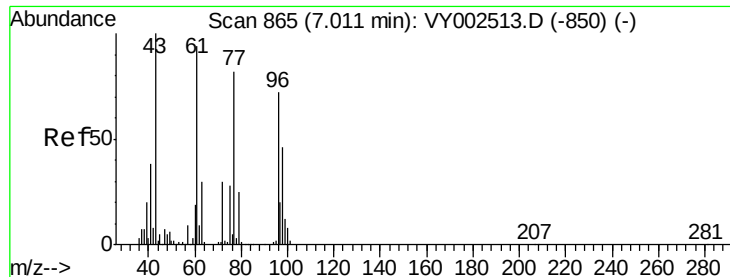
Tot Ion: 43 Resp: 98212
Ion Ratio Lower Upper
43 100
72 28.7 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.129 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 77 Resp: 97467
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5



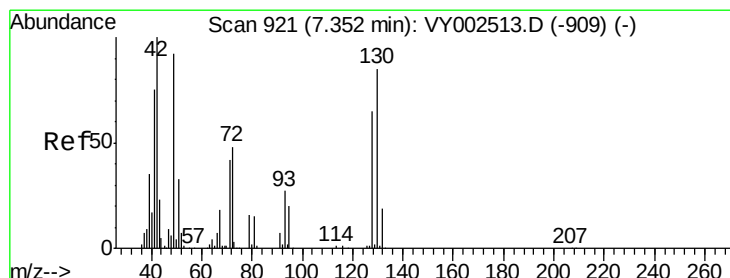
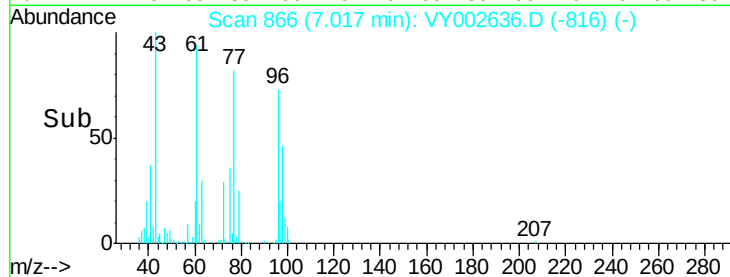
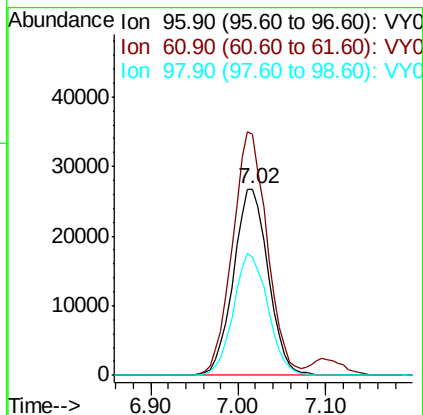
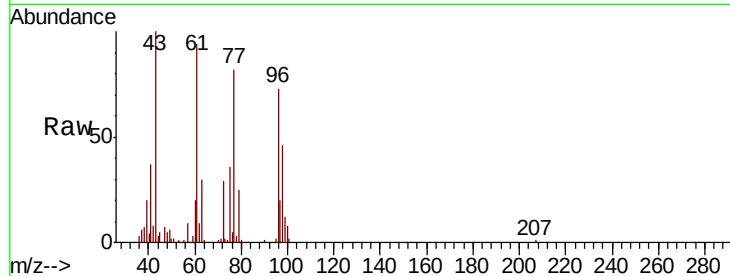


#27

cis-1,2-Dichloroethene
Concen: 19.966 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

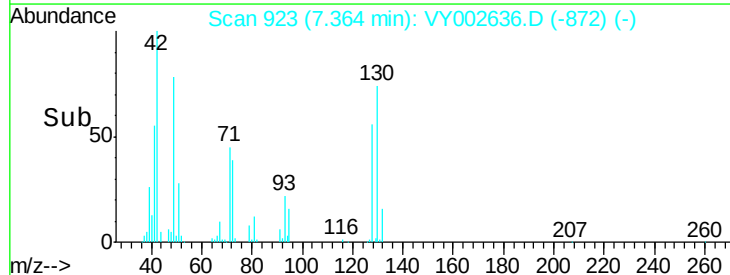
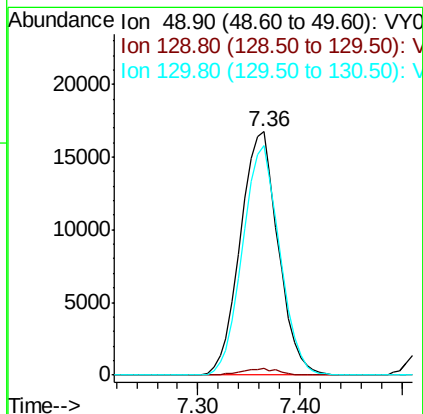
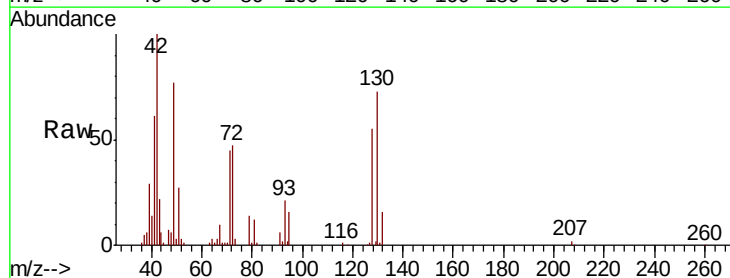
Tot Ion: 96 Resp: 74213
Ion Ratio Lower Upper
96 100
61 130.1 0.0 266.6
98 64.7 0.0 129.2

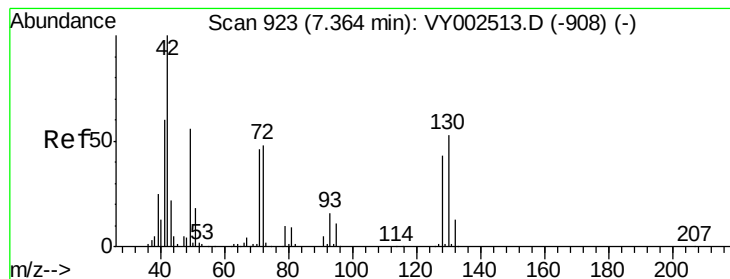


#28

Bromochloromethane
Concen: 19.672 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 49 Resp: 43206
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 92.4 72.5 108.7





#29

Tetrahydrofuran

Concen: 100.036 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

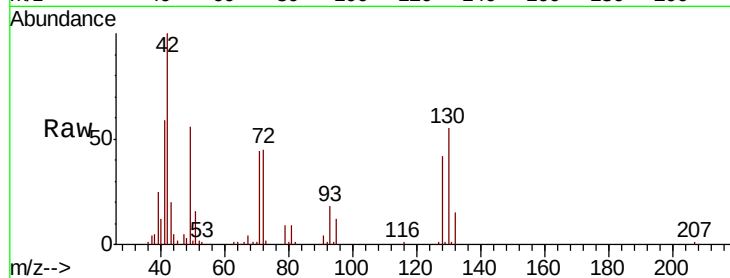
Tot Ion: 42 Resp: 67122

Ion Ratio Lower Upper

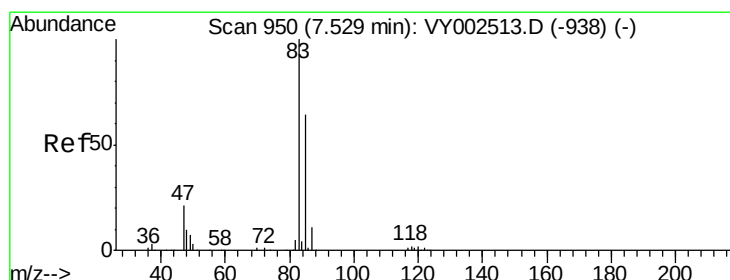
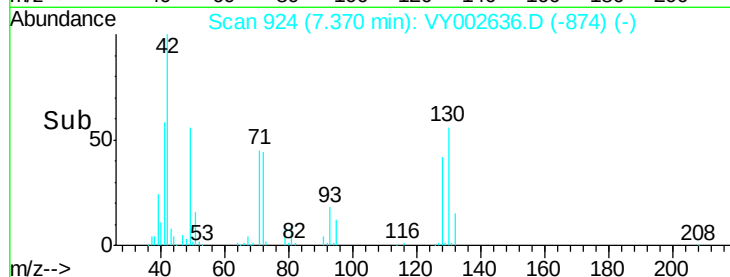
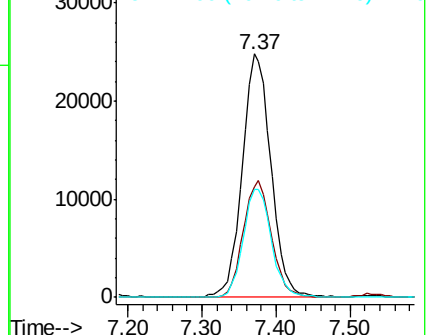
42 100

72 46.7 37.4 56.2

71 43.7 35.0 52.4



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: 19.945 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002636.D

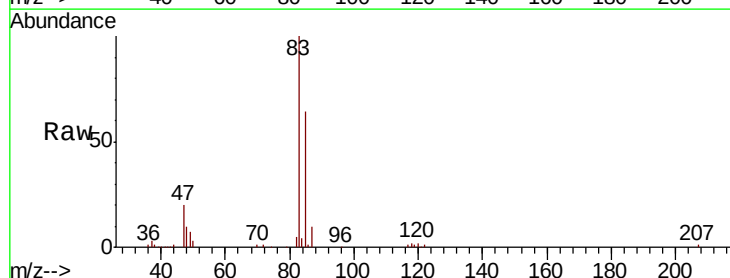
Acq: 08 May 2020 12:46

Tgt Ion: 83 Resp: 111166

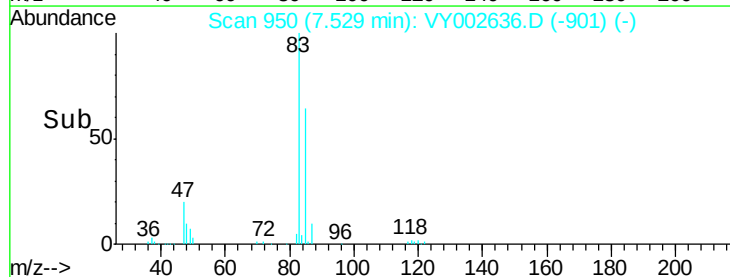
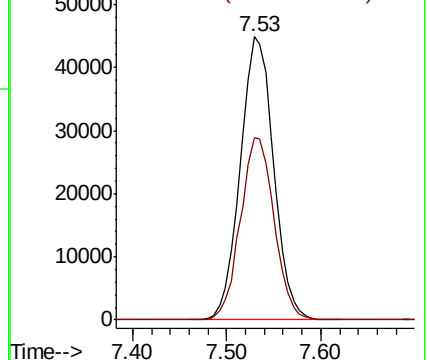
Ion Ratio Lower Upper

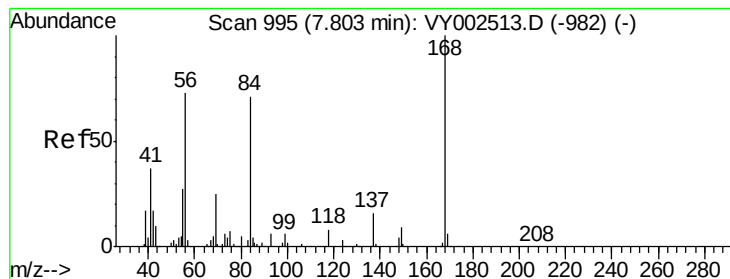
83 100

85 64.3 51.5 77.3



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





#31

Cyclohexane

Concen: 18.377 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

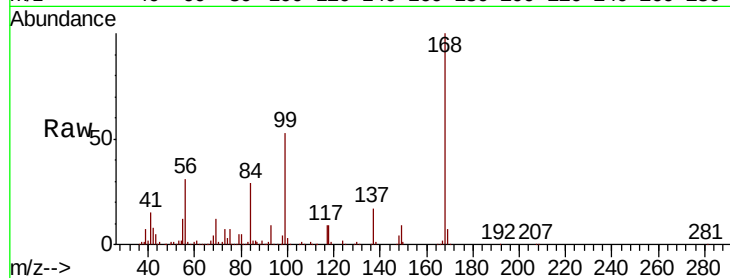
Tot Ion: 56 Resp: 99155

Ion Ratio Lower Upper

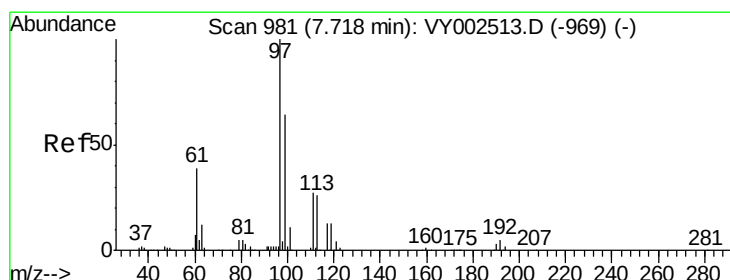
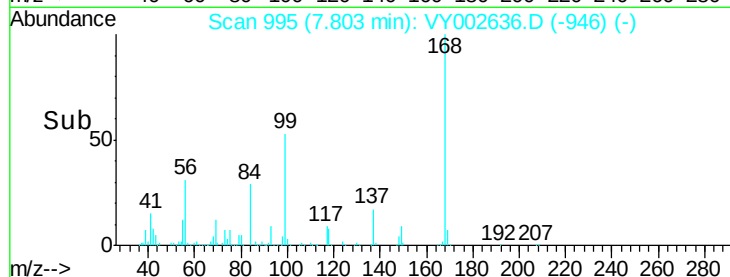
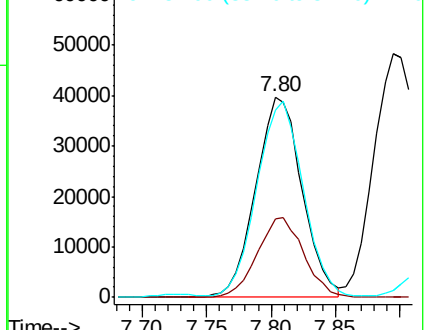
56 100

69 39.1 27.6 41.4

84 92.0 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.561 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

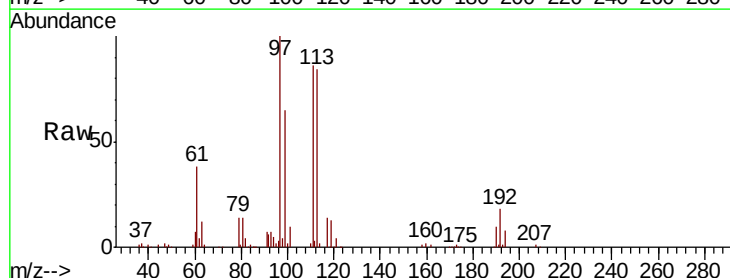
Tgt Ion: 97 Resp: 101338

Ion Ratio Lower Upper

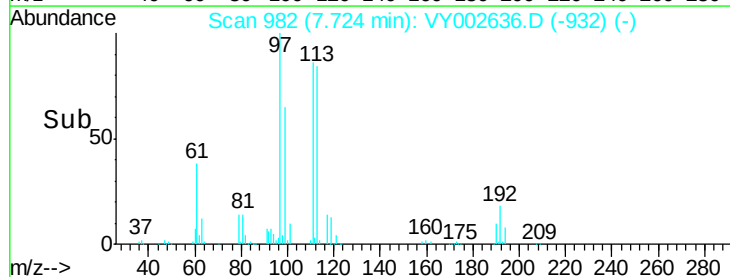
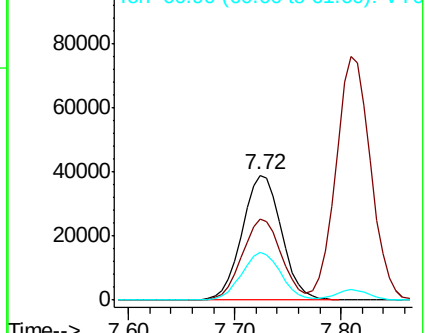
97 100

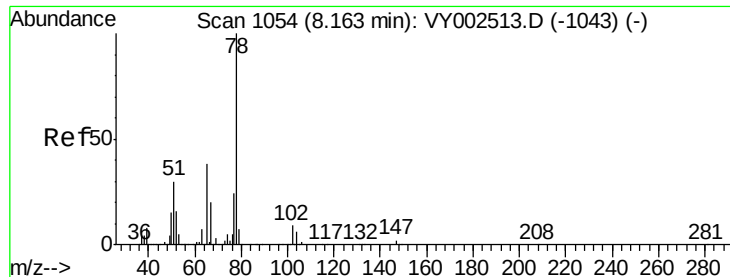
99 64.6 51.9 77.9

61 38.1 31.0 46.6



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

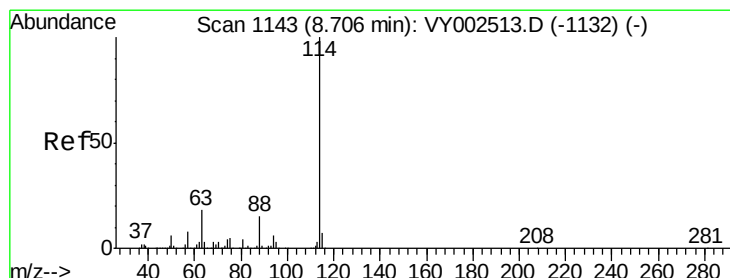
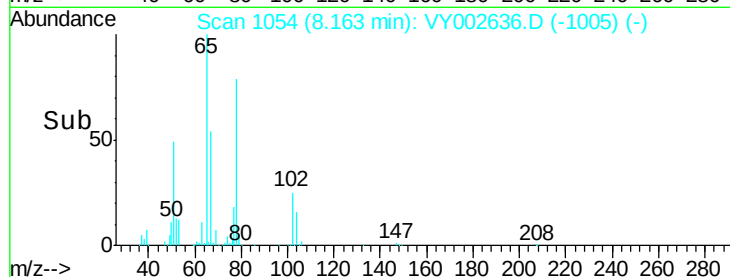
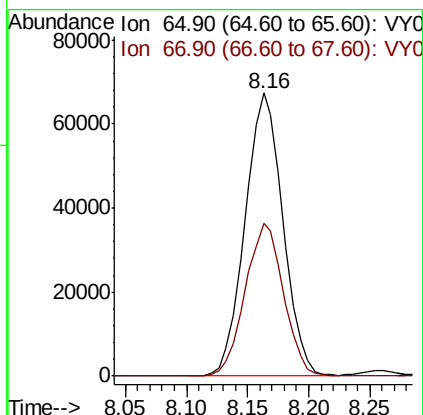
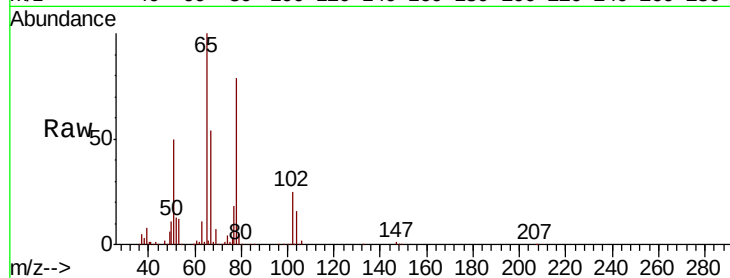




#33
 1,2-Dichloroethane-d4
 Concen: 48.269 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

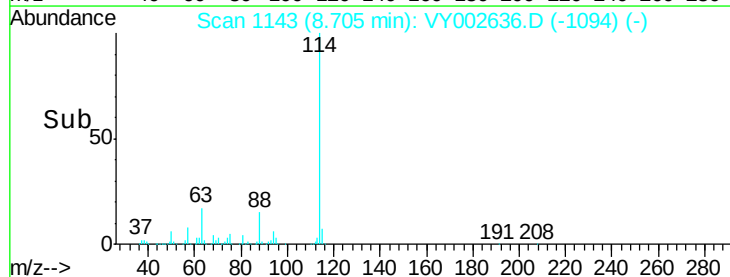
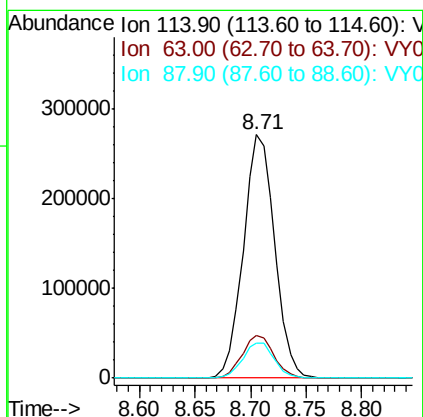
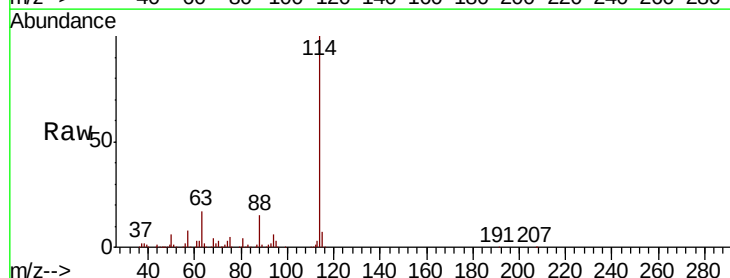
Instrument :
 MSVOA_Y
 ClientSampleId :

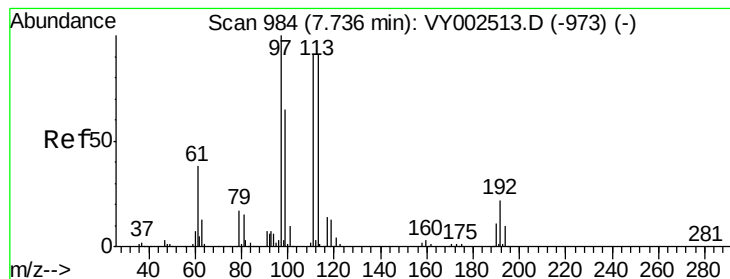
Tot Ion: 65 Resp: 144903
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion: 114 Resp: 529772
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.860 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

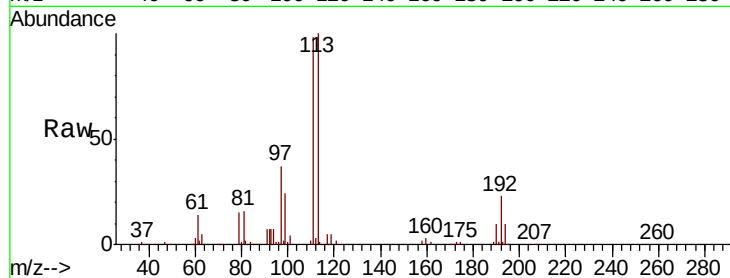
Tot Ion:113 Resp: 154094

Ion Ratio Lower Upper

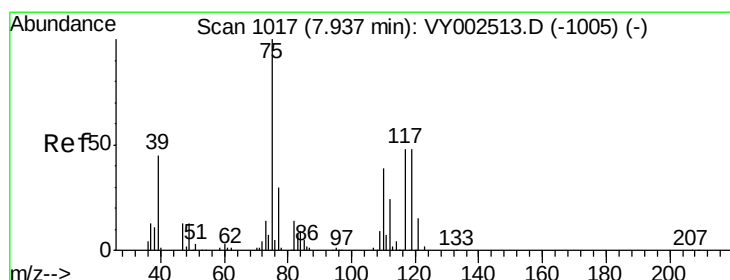
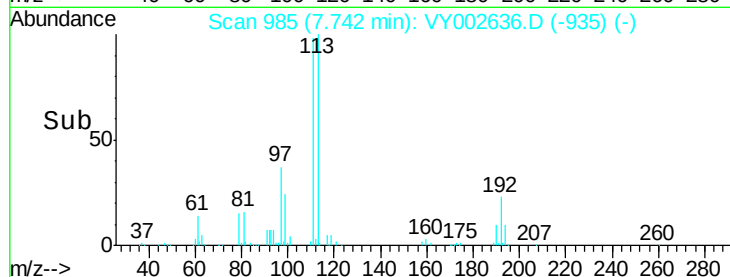
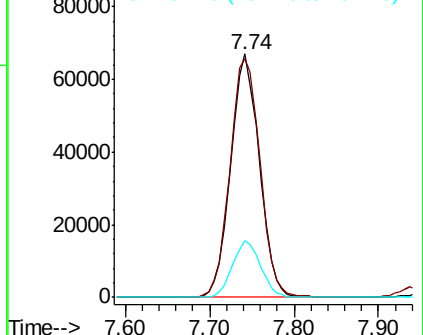
113 100

111 102.6 81.8 122.6

192 22.9 18.2 27.4



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: 19.506 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

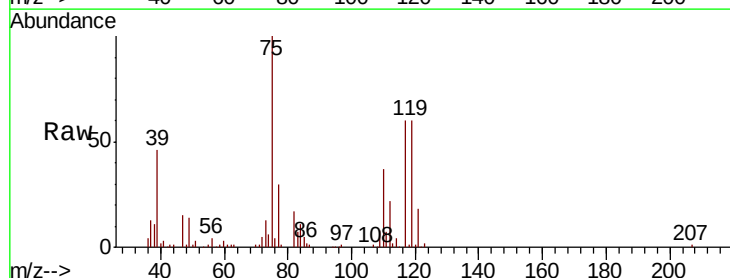
Tgt Ion: 75 Resp: 86629

Ion Ratio Lower Upper

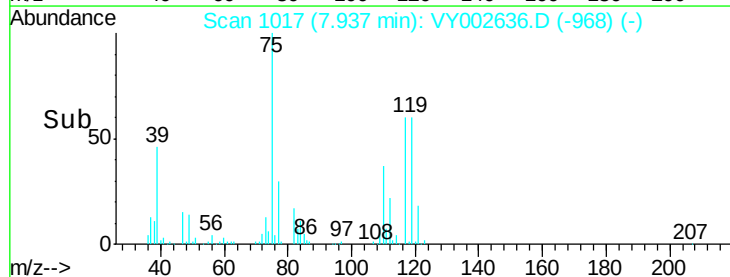
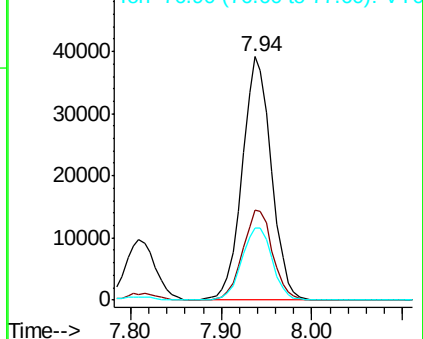
75 100

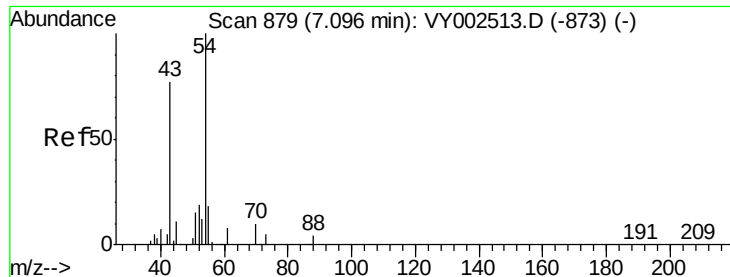
110 38.0 19.1 57.3

77 31.2 24.6 37.0



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

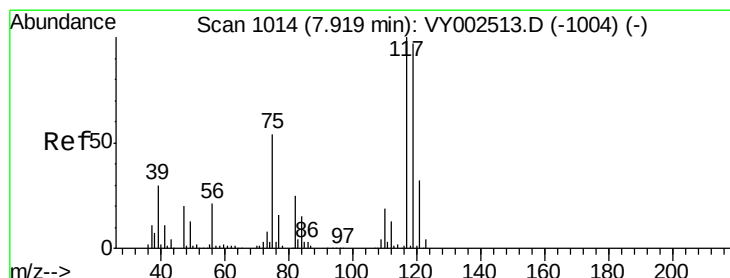
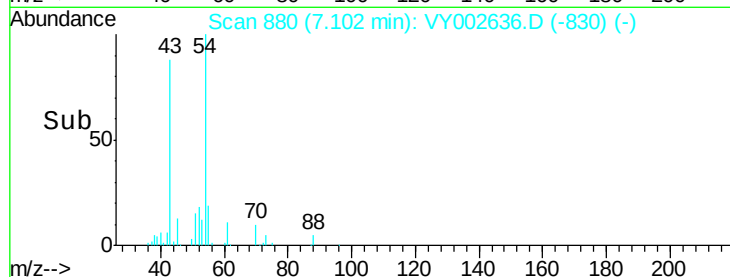
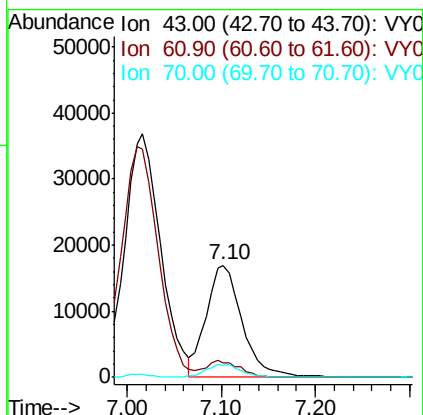
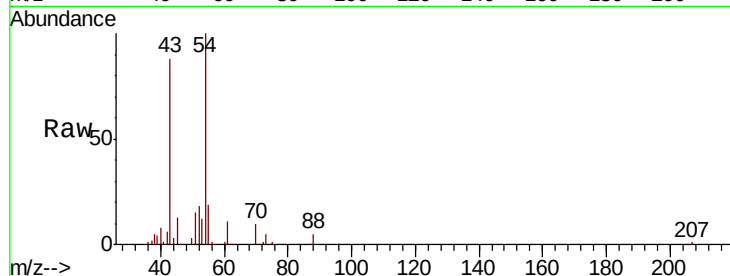




#37
Ethyl Acetate
Concen: 19.648 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

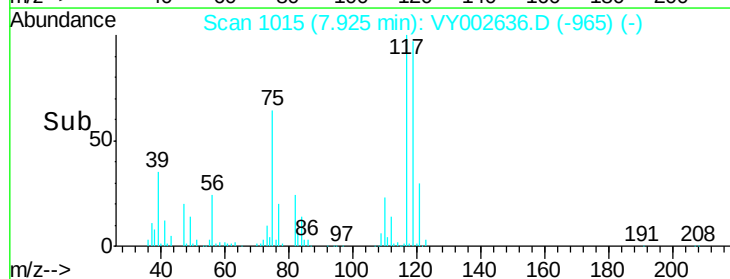
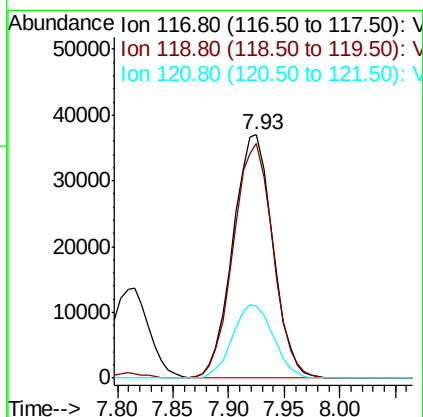
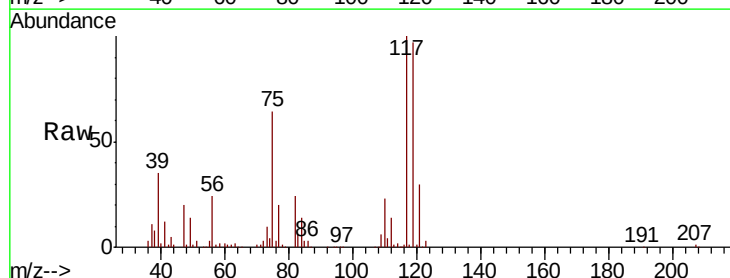
Instrument :
MSVOA_Y
ClientSampled :

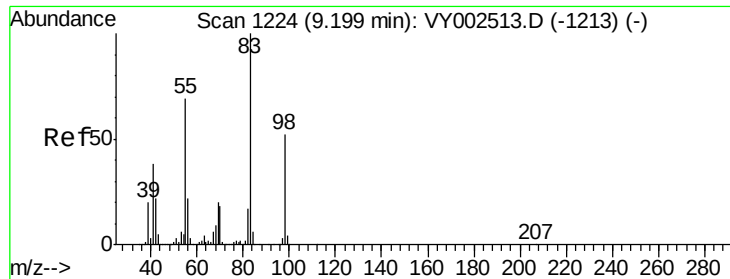
Tot Ion: 43 Resp: 44840
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.034 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 117 Resp: 92288
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
121 29.6 25.2 37.8

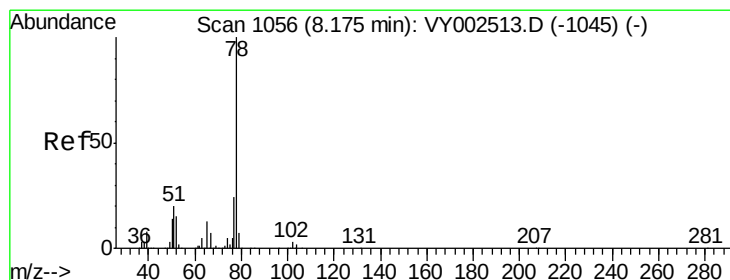
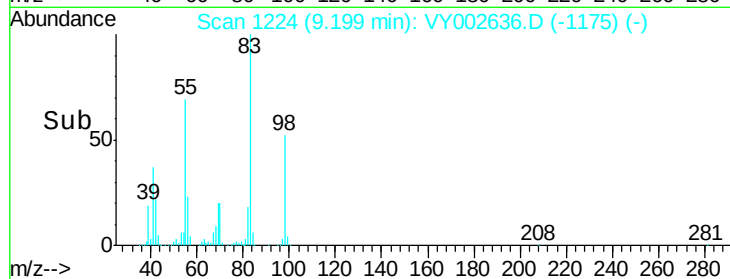
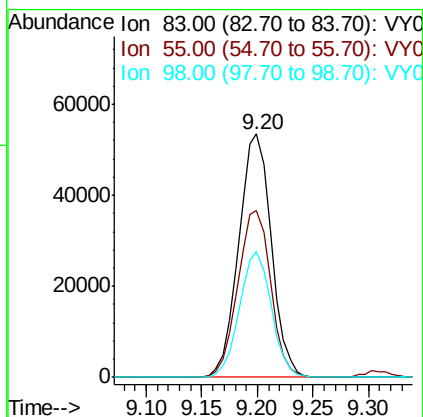
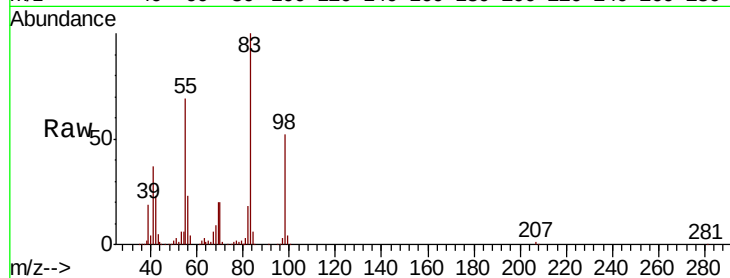




#39
Methylcyclohexane
Concen: 18.553 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

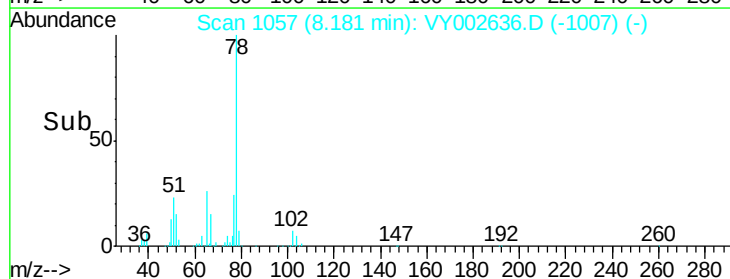
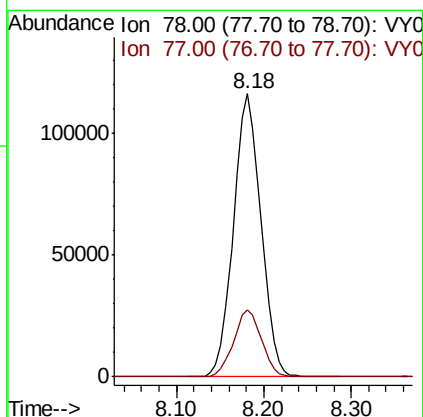
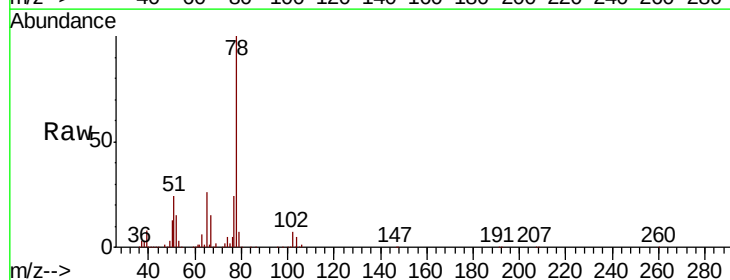
Instrument :
MSVOA_Y
ClientSampleId :

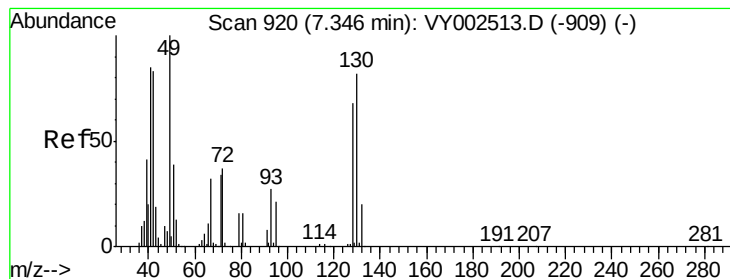
Tot Ion: 83 Resp: 108829
Ion Ratio Lower Upper
83 100
55 68.7 55.4 83.0
98 51.7 41.3 61.9



#40
Benzene
Concen: 19.772 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 78 Resp: 253612
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 49.203 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.02 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 60375

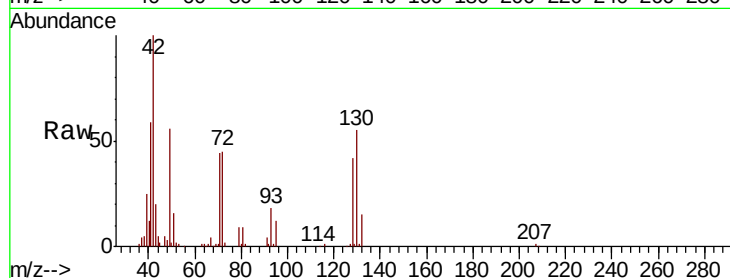
Ion Ratio Lower Upper

41 100

39 45.8 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

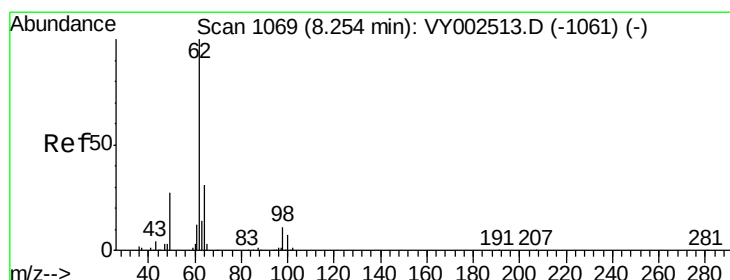
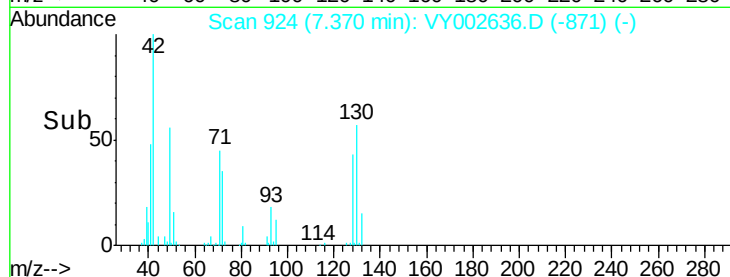
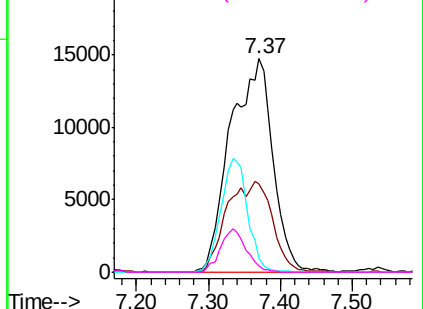


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.213 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VY002636.D

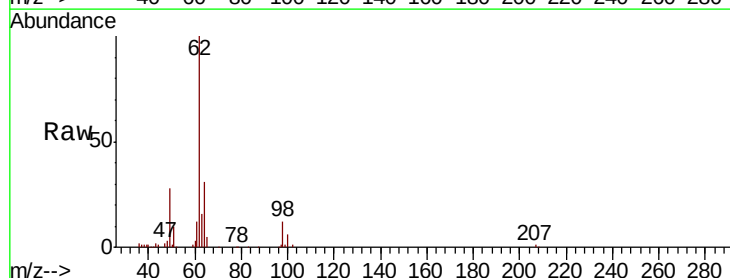
Acq: 08 May 2020 12:46

Tgt Ion: 62 Resp: 69127

Ion Ratio Lower Upper

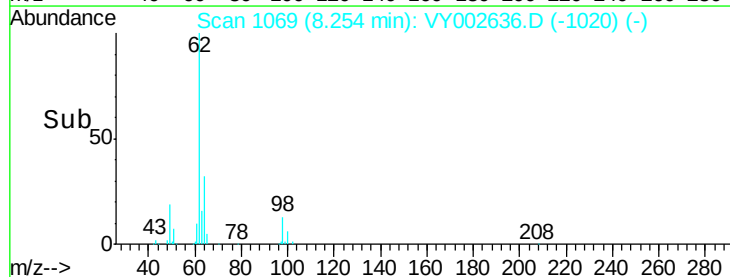
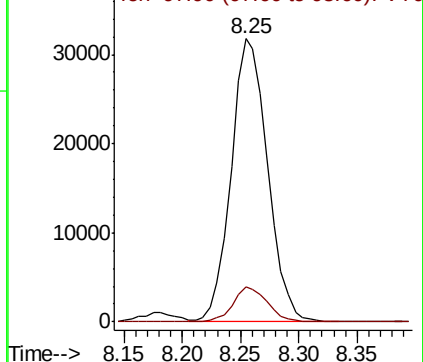
62 100

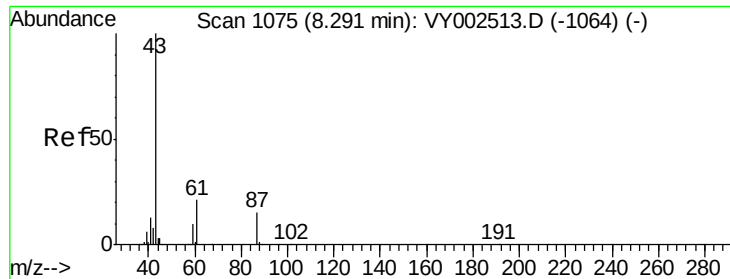
98 11.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.927 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

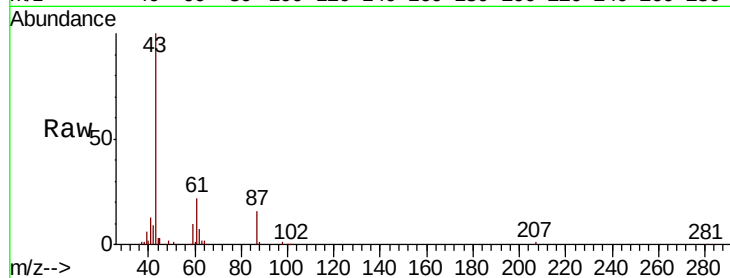
Tot Ion: 43 Resp: 85258

Ion Ratio Lower Upper

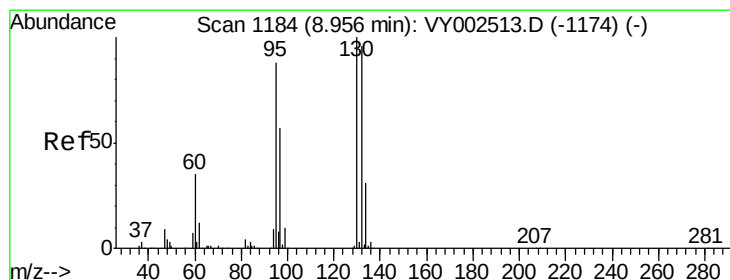
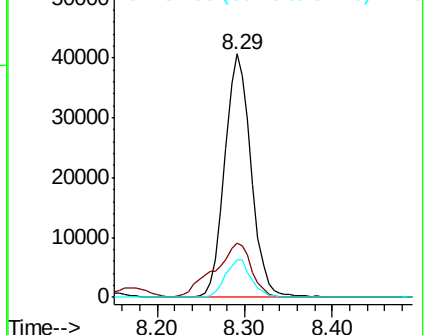
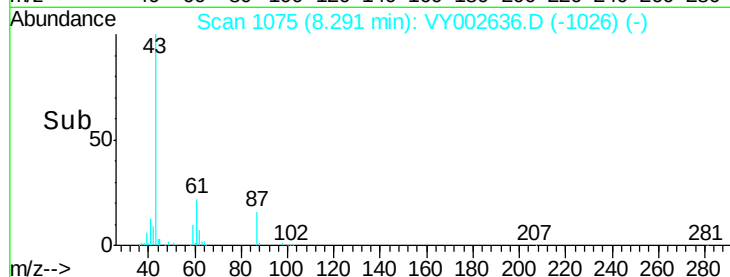
43 100

61 31.4 24.8 37.2

87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002636.D (-1026) (-)



#44

Trichloroethene

Concen: 20.533 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002636.D

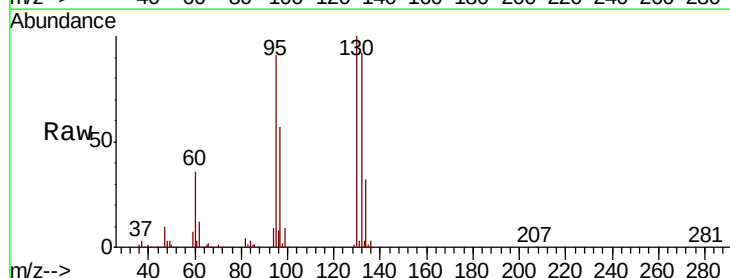
Acq: 08 May 2020 12:46

Tgt Ion: 130 Resp: 82309

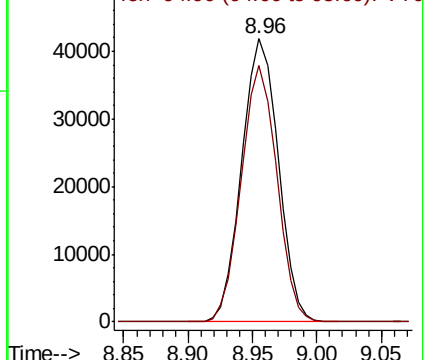
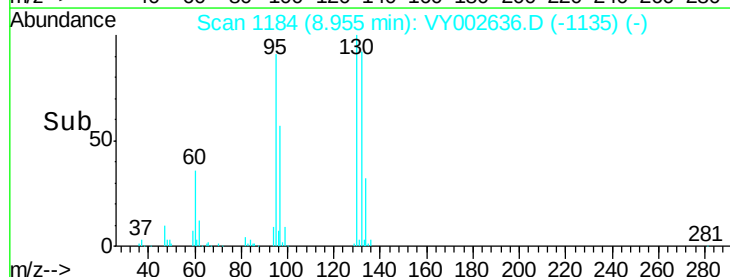
Ion Ratio Lower Upper

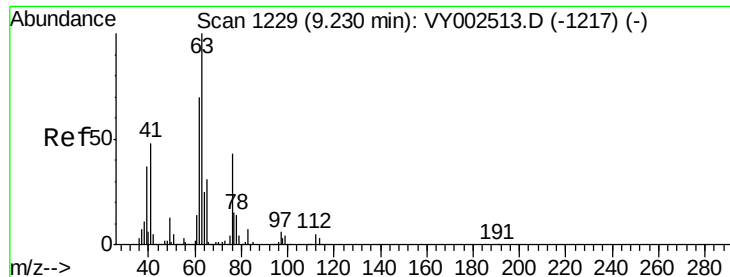
130 100

95 90.5 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002636.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 20.204 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

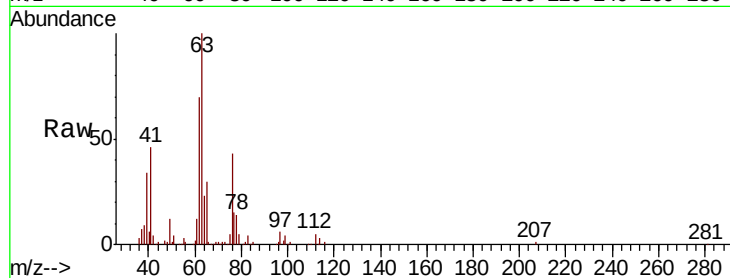
ClientSampleId :

Tot Ion: 63 Resp: 62546

Ion Ratio Lower Upper

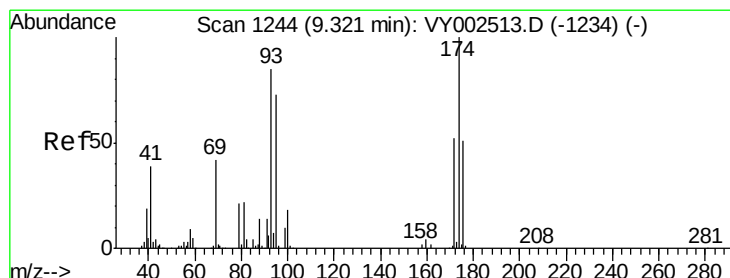
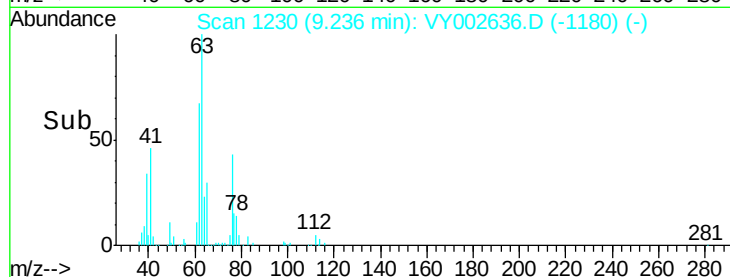
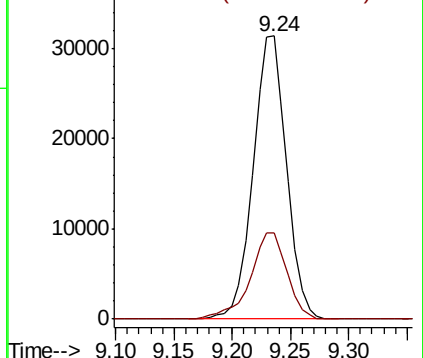
63 100

65 30.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.651 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

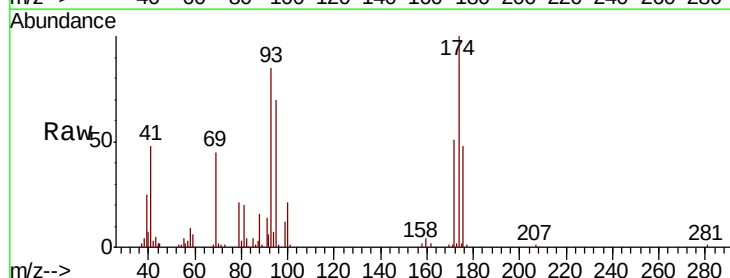
Tgt Ion: 93 Resp: 35001

Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.4

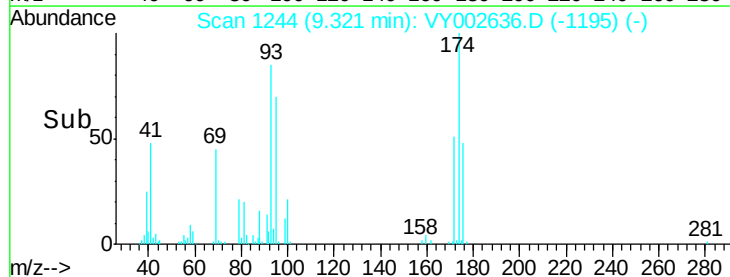
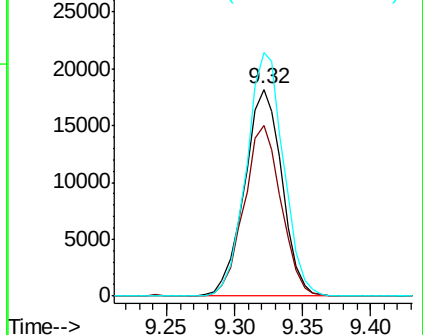
174 116.9 92.7 139.1

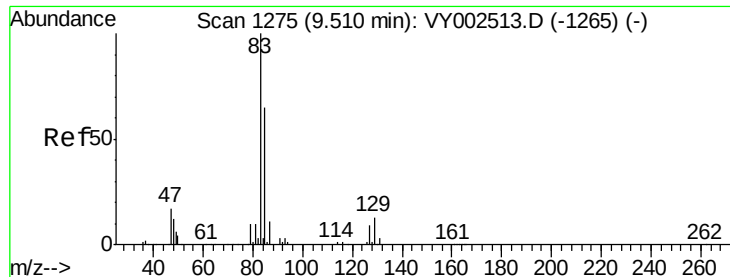


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 19.786 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :

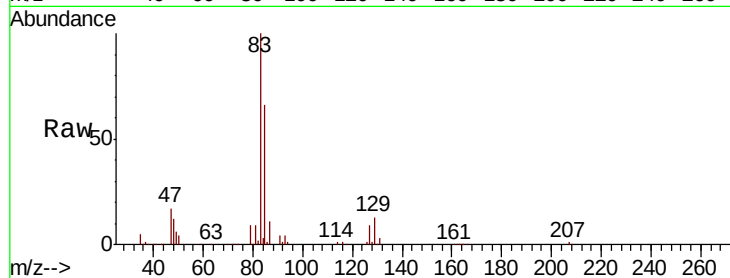
Tot Ion: 83 Resp: 85690

Ion Ratio Lower Upper

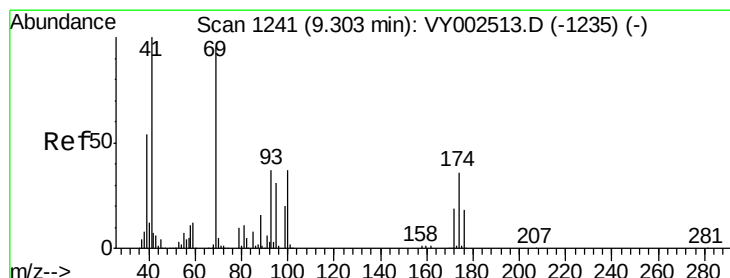
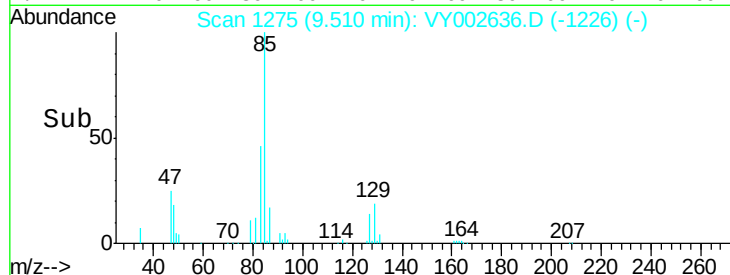
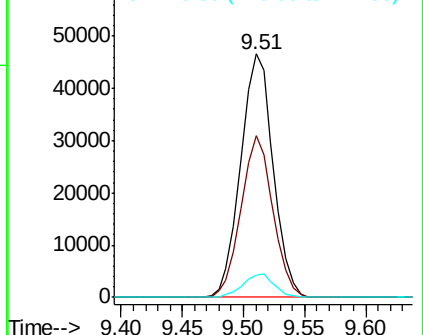
83 100

85 66.3 51.8 77.8

127 9.2 7.4 11.0



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: 19.207 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

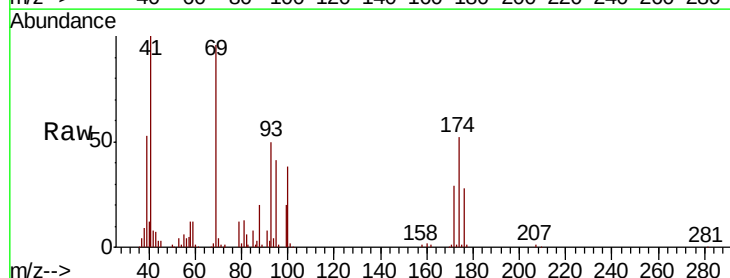
Tgt Ion: 41 Resp: 37191

Ion Ratio Lower Upper

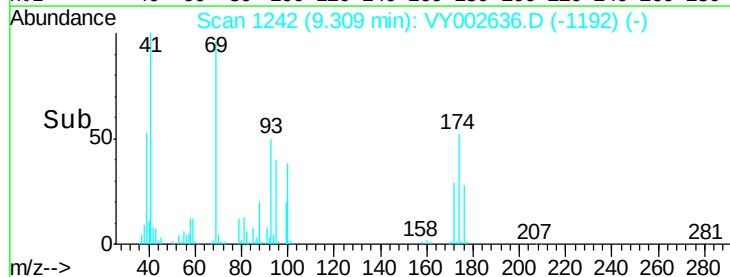
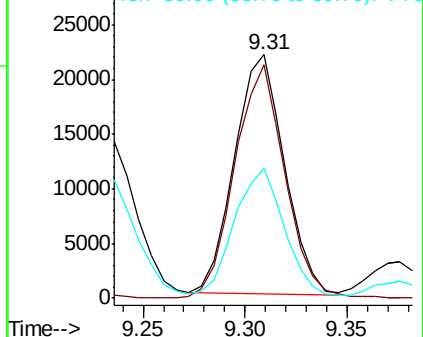
41 100

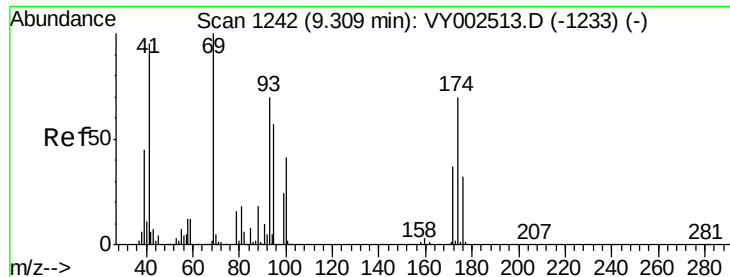
69 98.3 76.2 114.4

39 55.1 42.7 64.1



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

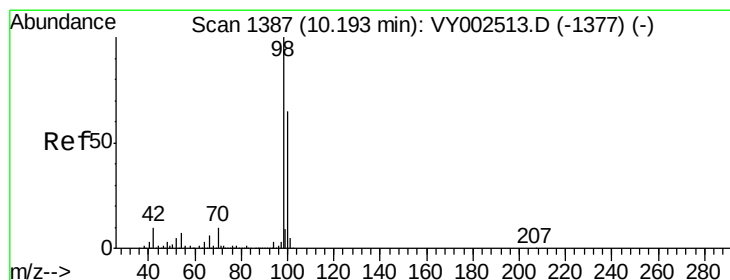
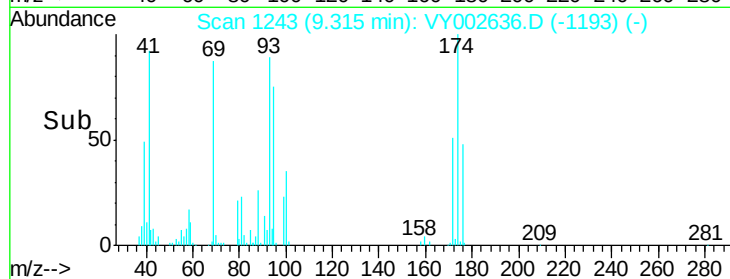
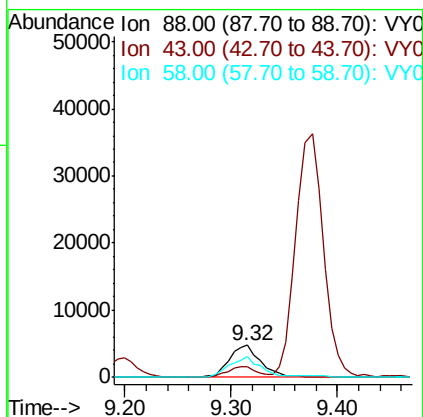
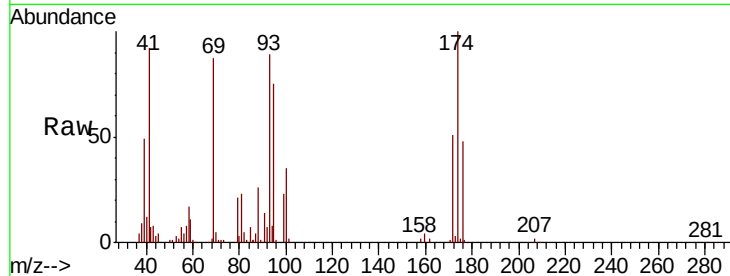




#49
1,4-Dioxane
Concen: 421.659 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

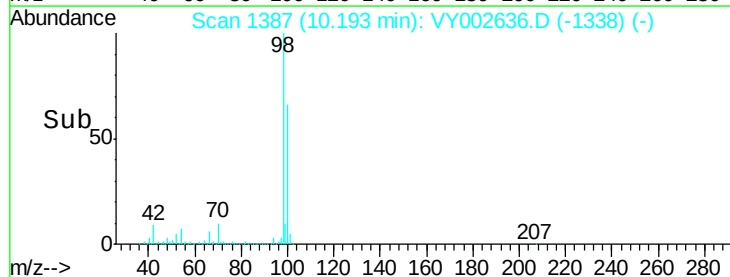
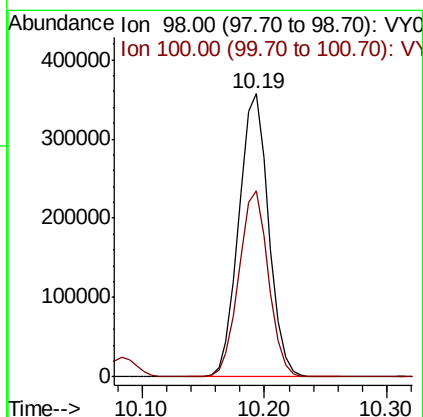
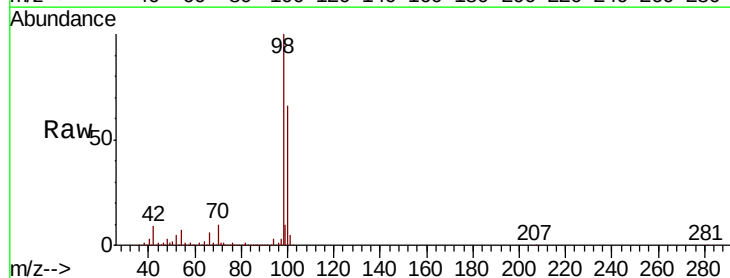
Instrument :
MSVOA_Y
ClientSampleId :

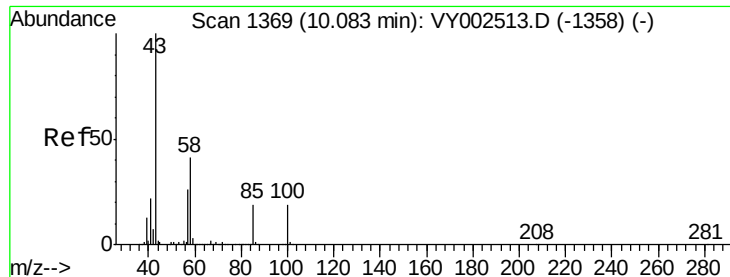
Tot Ion: 88 Resp: 9944
Ion Ratio Lower Upper
88 100
43 30.6 22.8 34.2
58 63.8 51.4 77.2



#50
Toluene-d8
Concen: 50.874 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 98 Resp: 601927
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

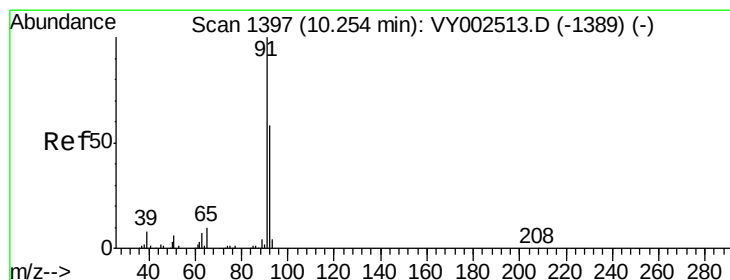
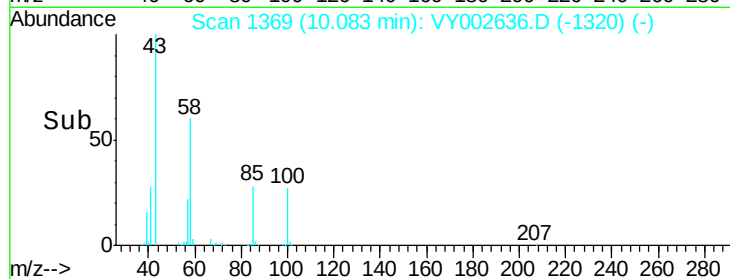
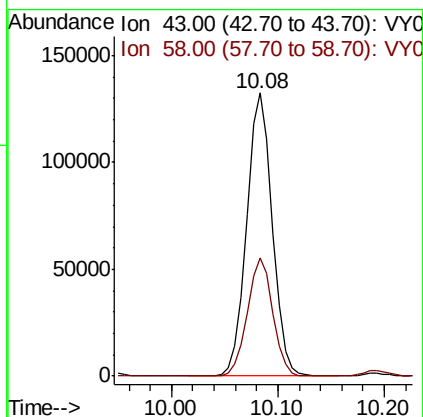
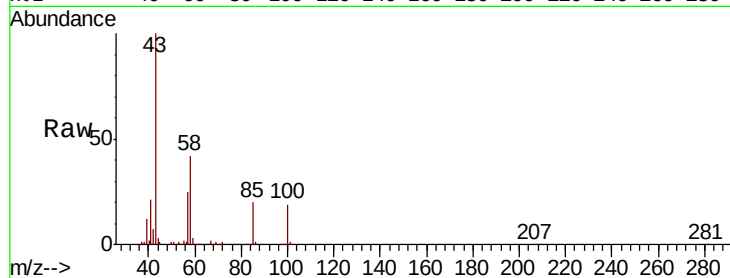




#51
4-Methyl-2-Pentanone
Concen: 101.633 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

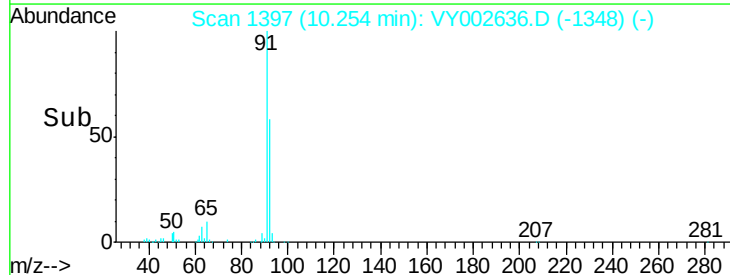
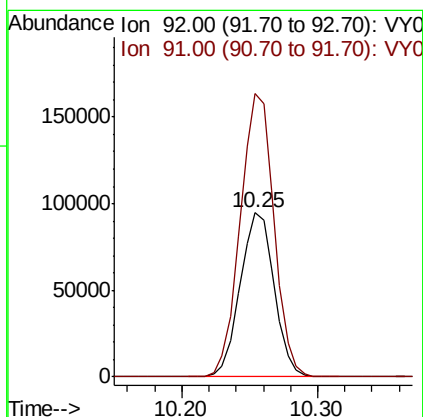
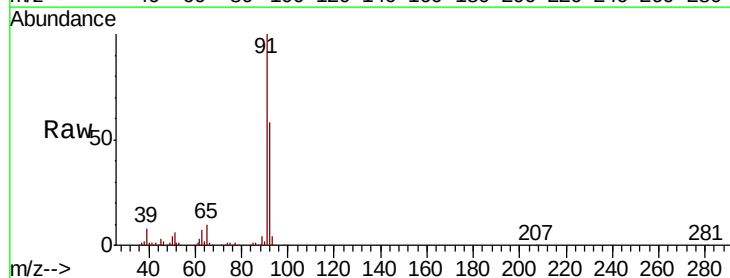
Instrument :
MSVOA_Y
ClientSampled :

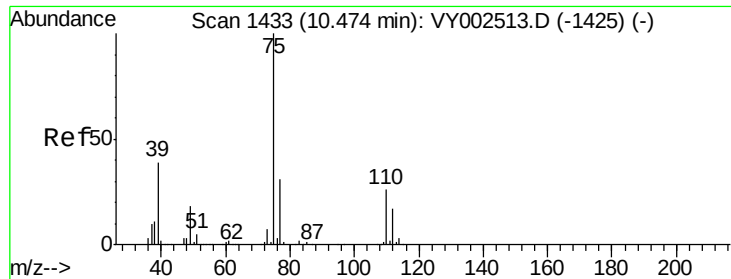
Tot Ion: 43 Resp: 224129
Ion Ratio Lower Upper
43 100
58 41.4 33.2 49.8



#52
Toluene
Concen: 20.009 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 92 Resp: 164949
Ion Ratio Lower Upper
92 100
91 171.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.713 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

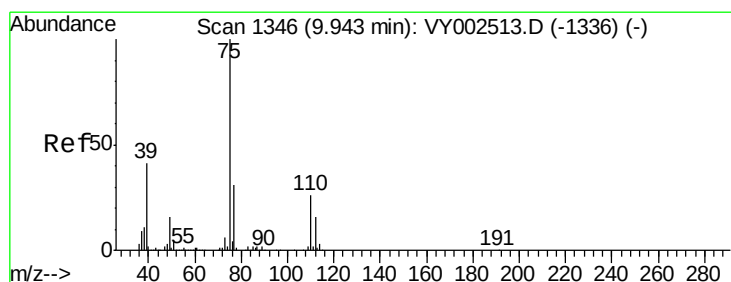
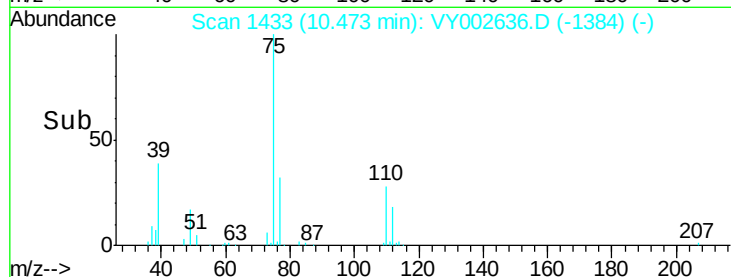
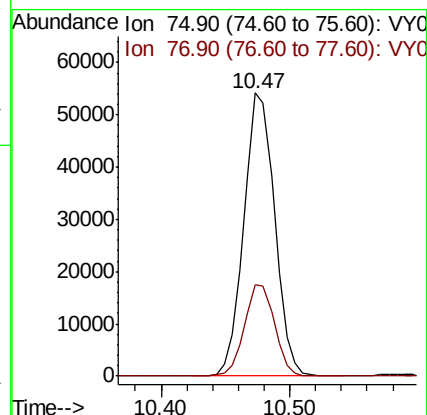
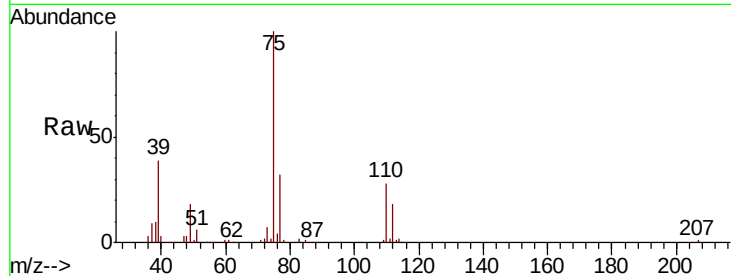
ClientSampled :

Tot Ion: 75 Resp: 89454

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.861 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

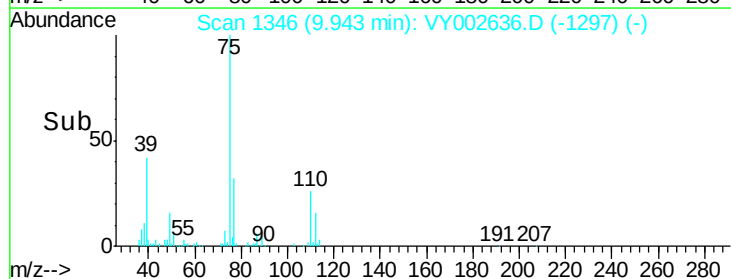
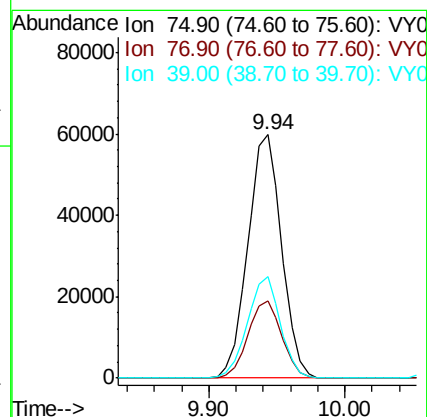
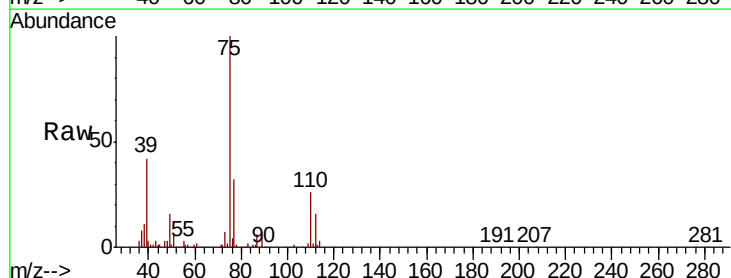
Tgt Ion: 75 Resp: 104189

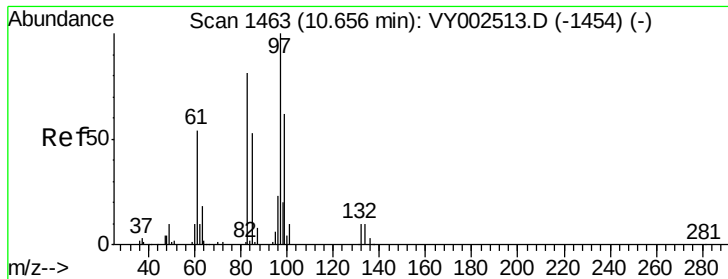
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 41.5 32.7 49.1

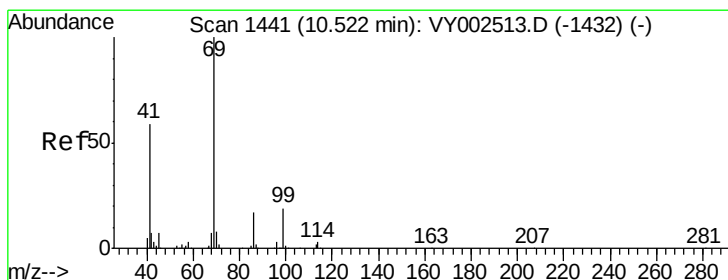
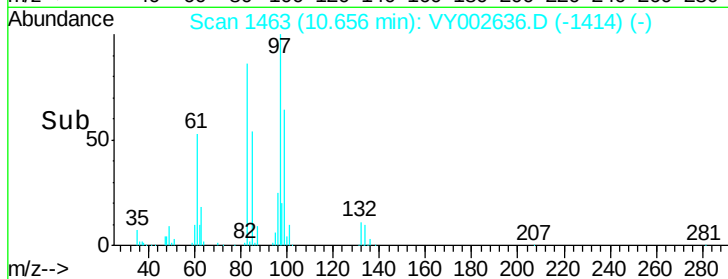
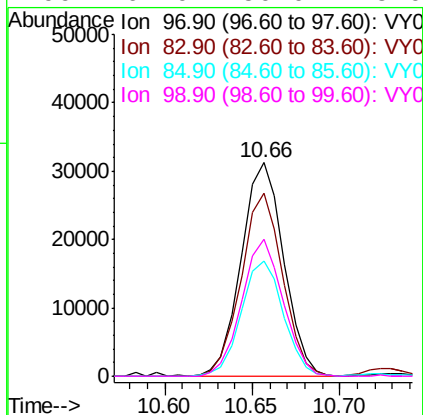
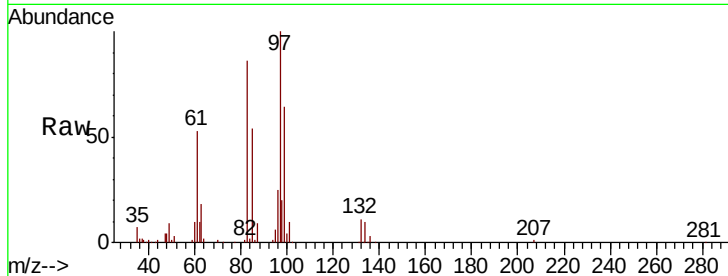




#55
 1,1,2-Trichloroethane
 Concen: 20.261 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

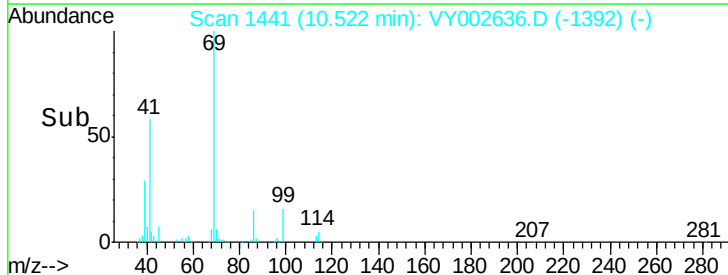
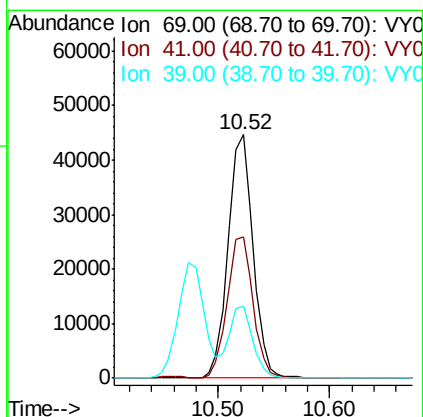
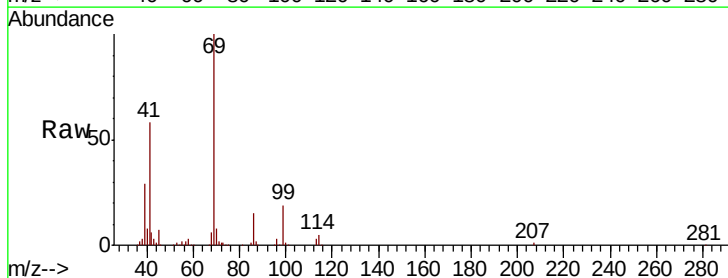
Instrument :
 MSVOA_Y
 ClientSampleId :

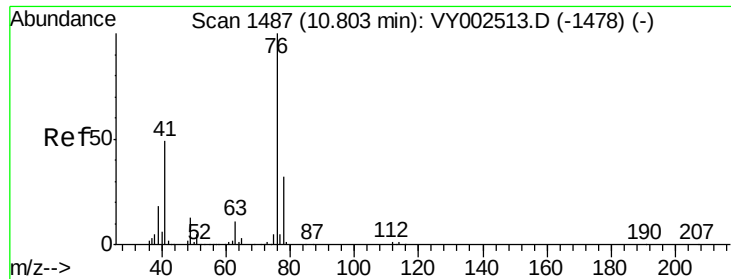
Tot Ion:	97	Resp:	52626
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.1	97.7
85	54.1	42.7	64.1
99	64.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.068 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion:	69	Resp:	69341
Ion	Ratio	Lower	Upper
69	100		
41	59.1	48.6	73.0
39	29.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.822 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

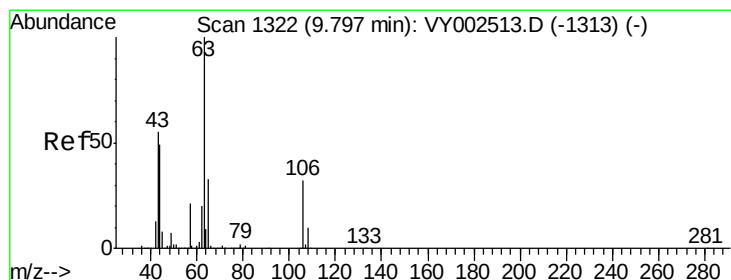
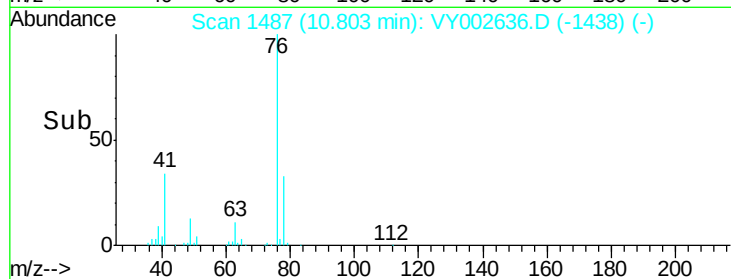
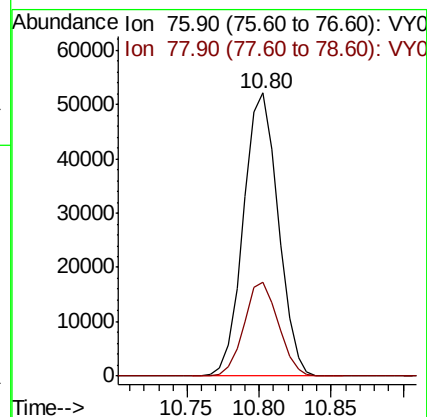
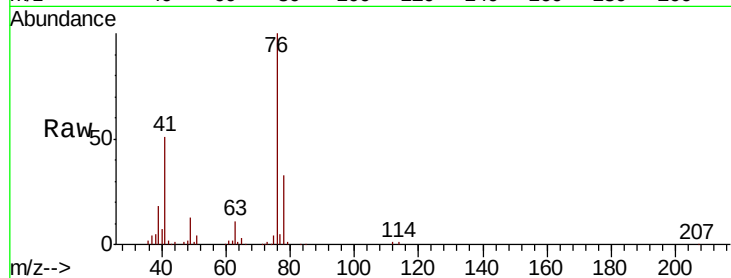
ClientSampleId :

Tot Ion: 76 Resp: 87312

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 101.305 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002636.D

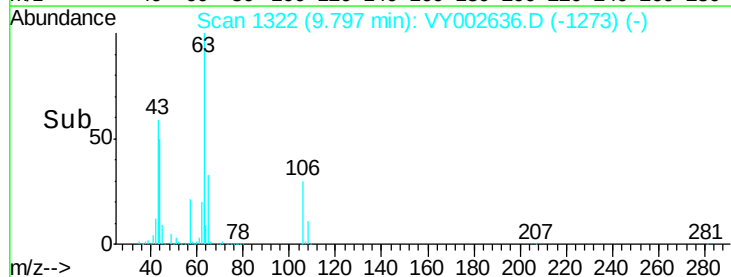
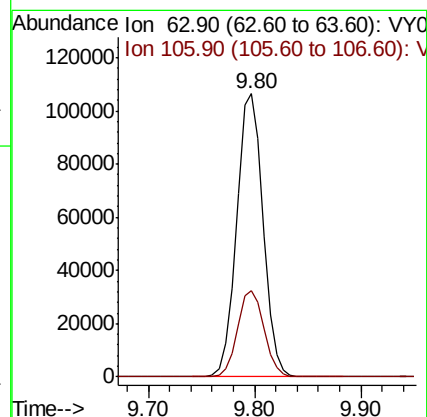
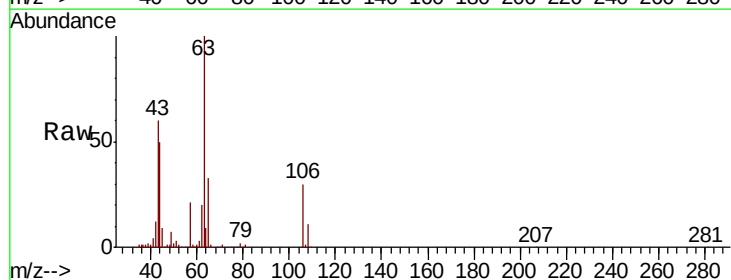
Acq: 08 May 2020 12:46

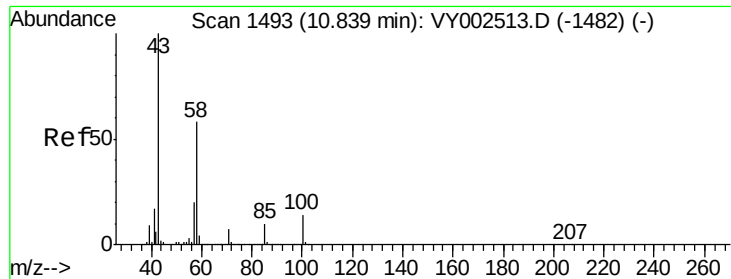
Tgt Ion: 63 Resp: 184598

Ion Ratio Lower Upper

63 100

106 30.7 25.2 37.8

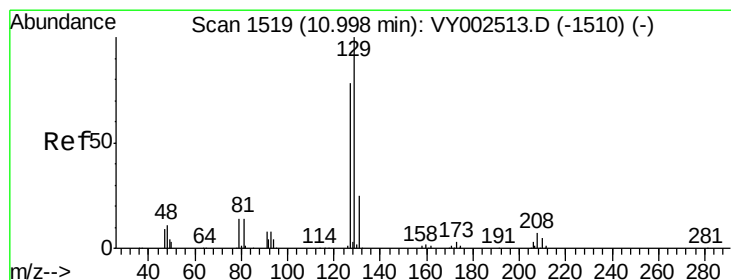
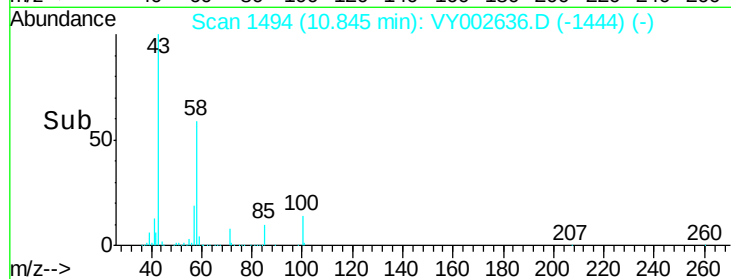
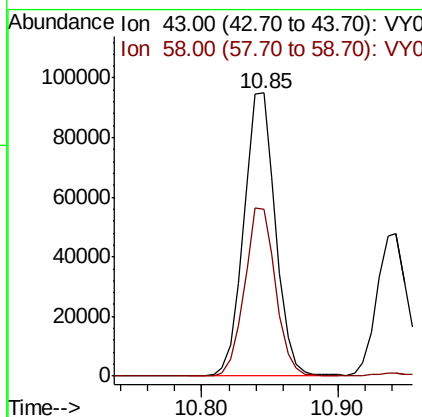
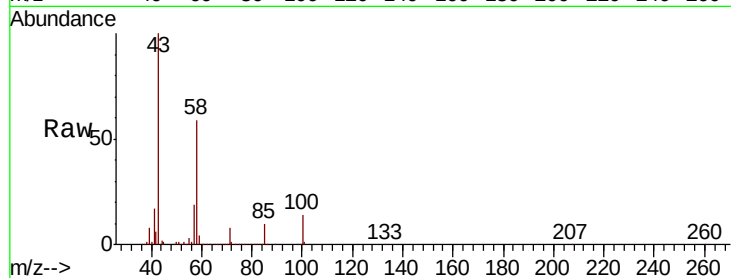




#59
2-Hexanone
Concen: 101.782 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

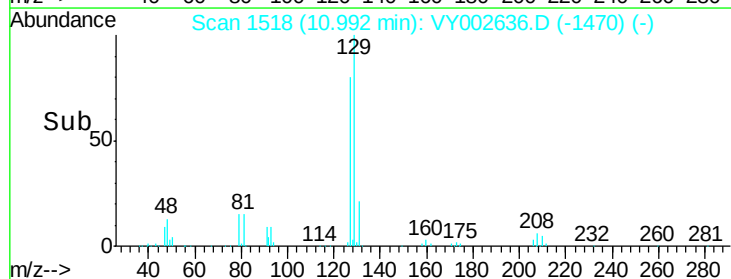
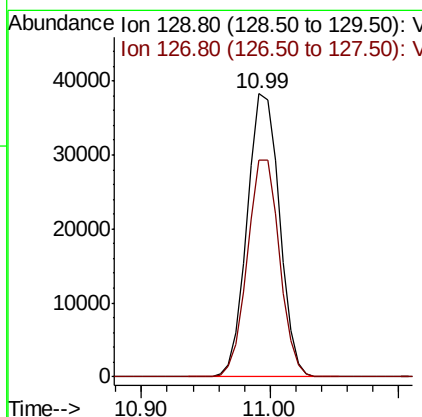
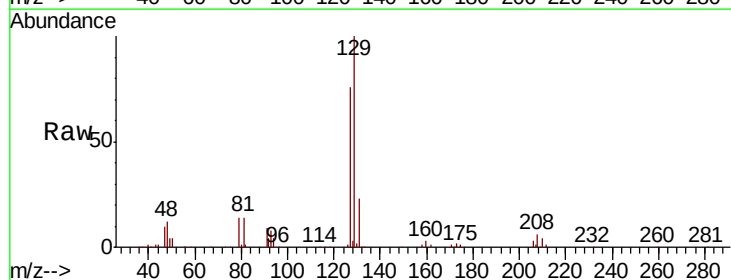
Instrument :
MSVOA_Y
ClientSampleId :

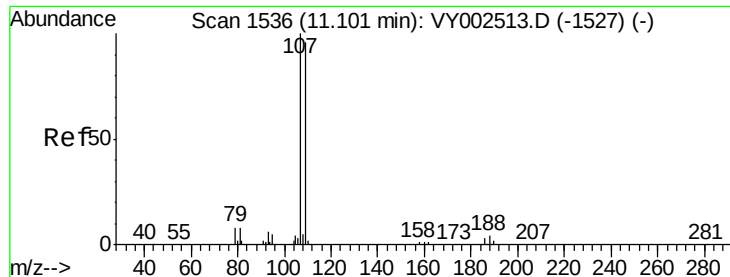
Tot Ion: 43 Resp: 154488
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3



#60
Dibromochloromethane
Concen: 20.104 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 129 Resp: 66416
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0

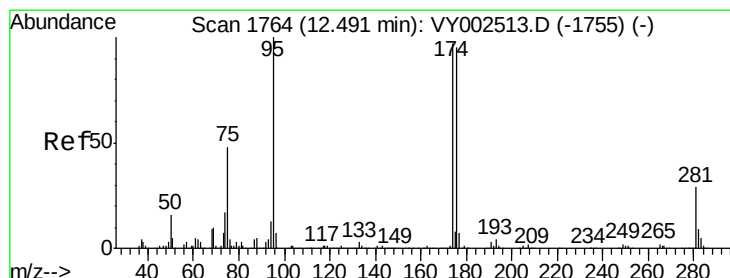
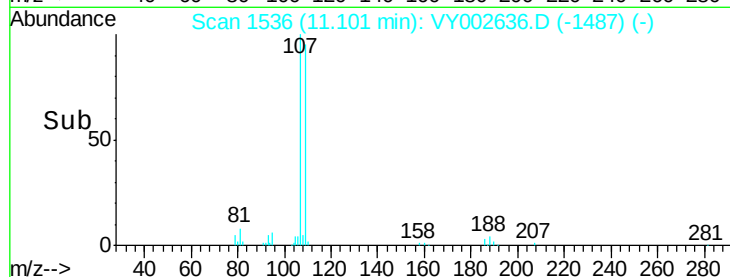
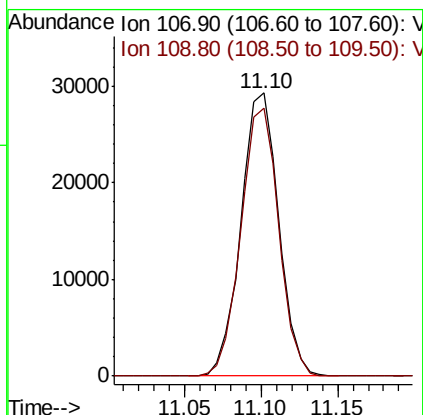
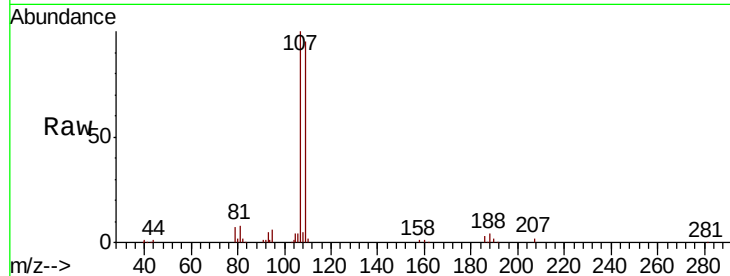




#61
 1,2-Dibromoethane
 Concen: 19.509 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

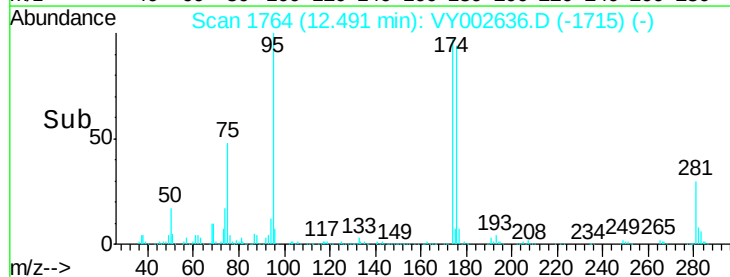
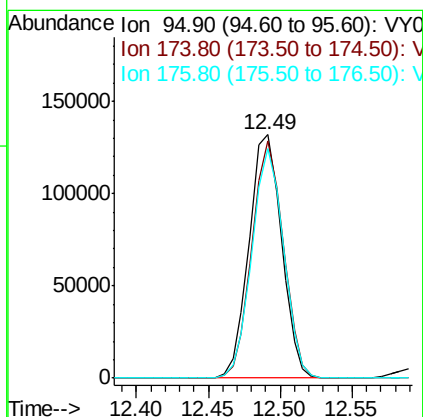
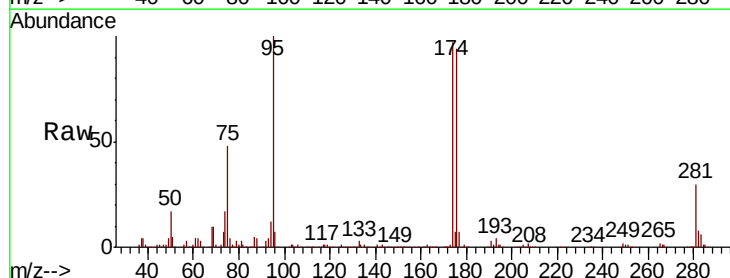
Instrument :
 MSVOA_Y
 ClientSampleId :

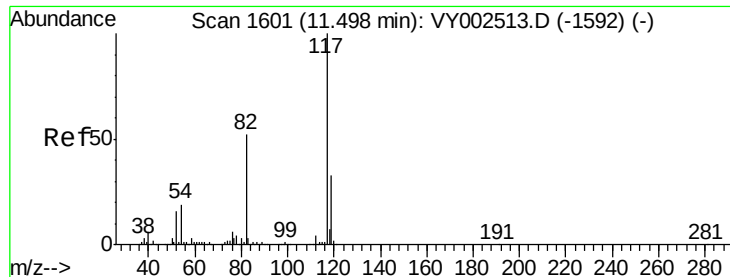
Tot Ion: 107 Resp: 50175
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.380 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion: 95 Resp: 206280
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 188.8
 176 91.3 0.0 183.2

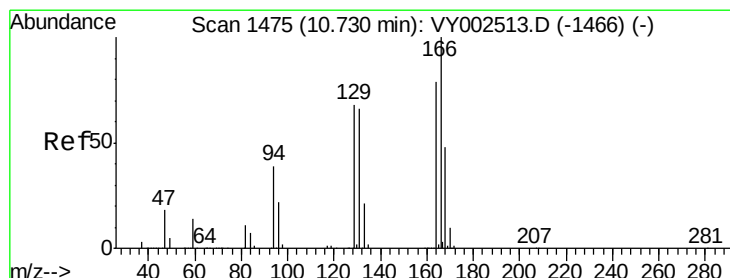
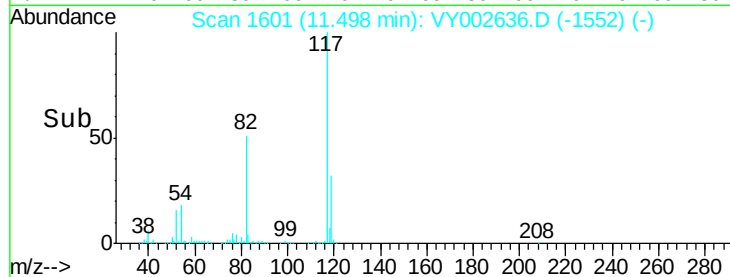
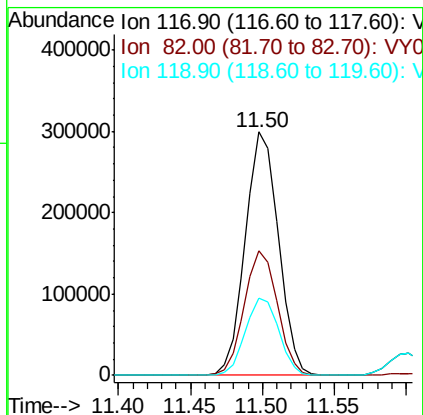
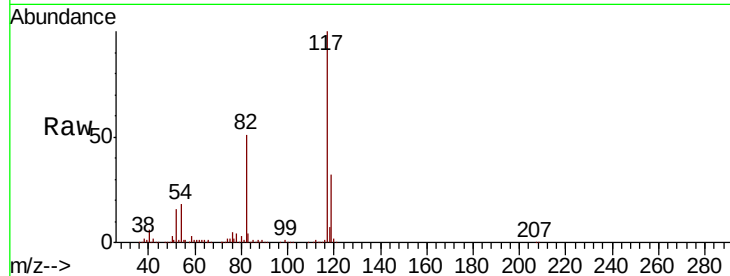




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

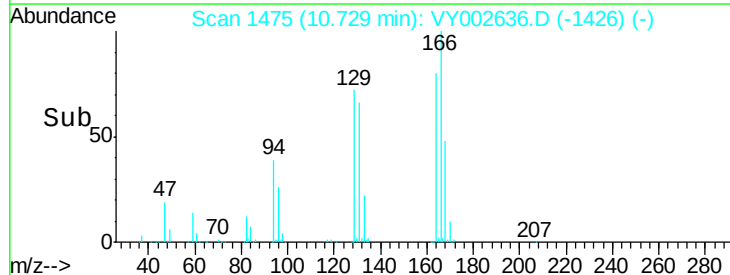
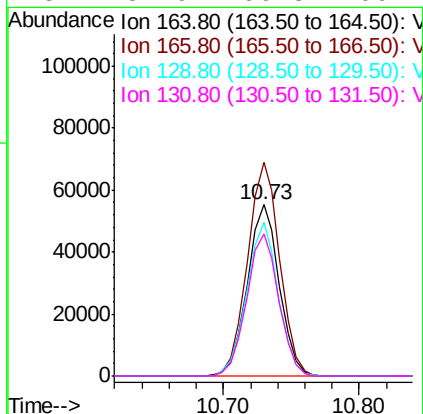
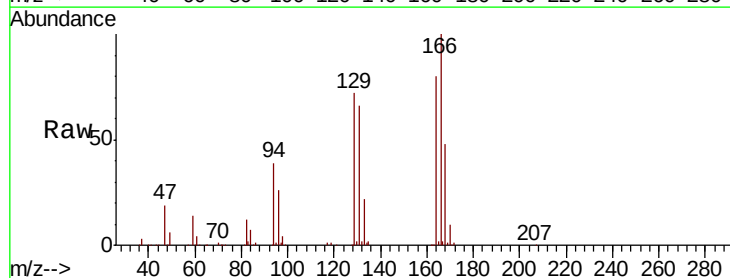
Instrument :
MSVOA_Y
ClientSampleId :

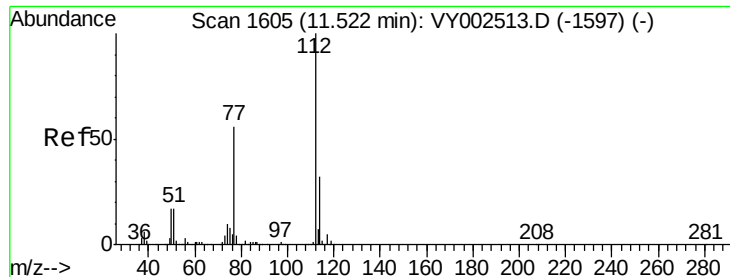
Tot Ion:117 Resp: 478197
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 21.322 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion:164 Resp: 90594
Ion Ratio Lower Upper
164 100
166 124.8 100.7 151.1
129 89.5 68.3 102.5
131 82.9 66.8 100.2

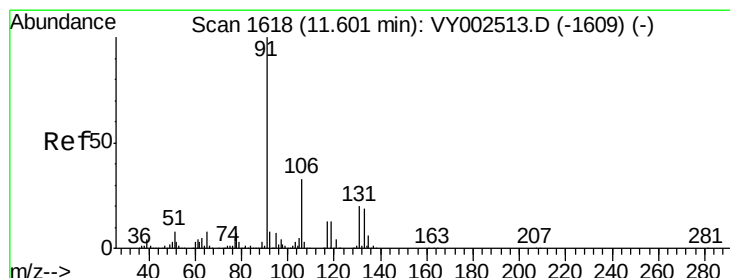
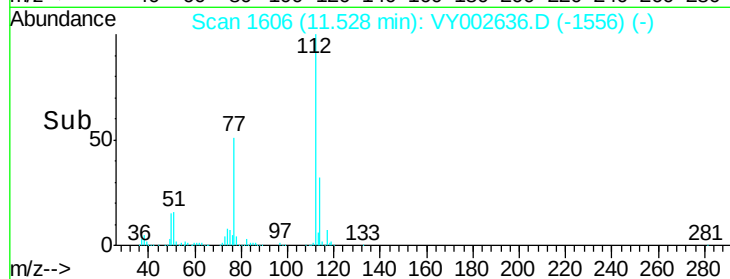
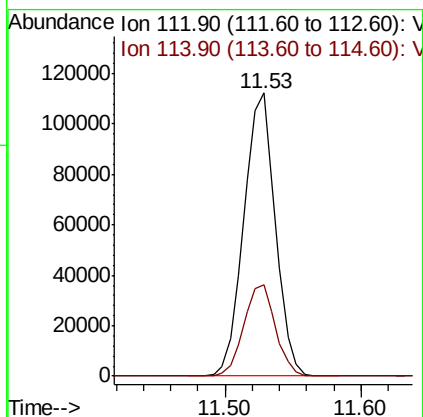
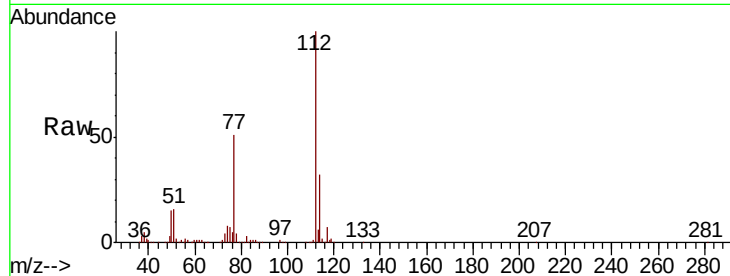




#65
Chlorobenzene
Concen: 19.983 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

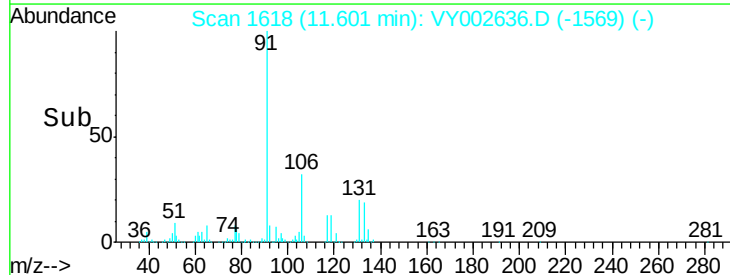
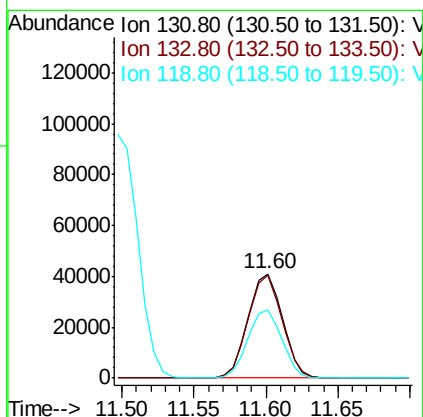
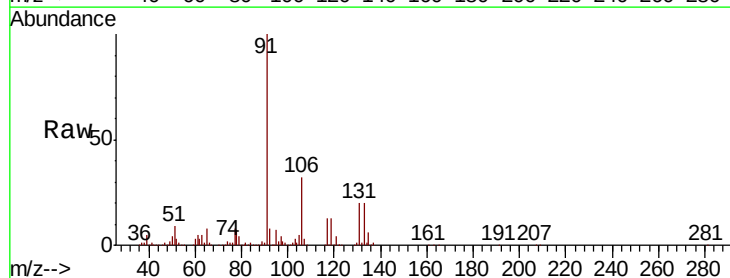
Instrument :
MSVOA_Y
ClientSampleId :

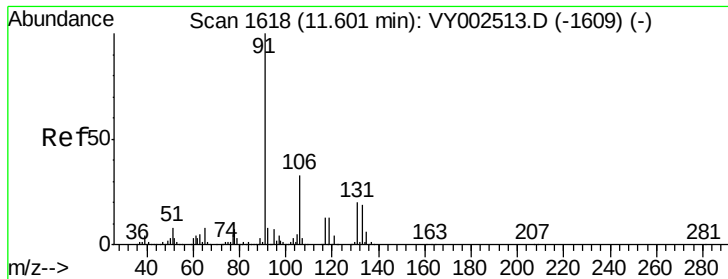
Tot Ion:112 Resp: 181660
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.040 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion:131 Resp: 67624
Ion Ratio Lower Upper
131 100
133 97.9 48.1 144.4
119 65.3 31.6 95.0





#67

Ethyl Benzene

Concen: 20.067 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

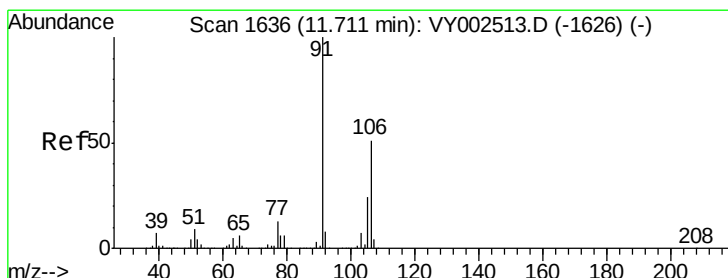
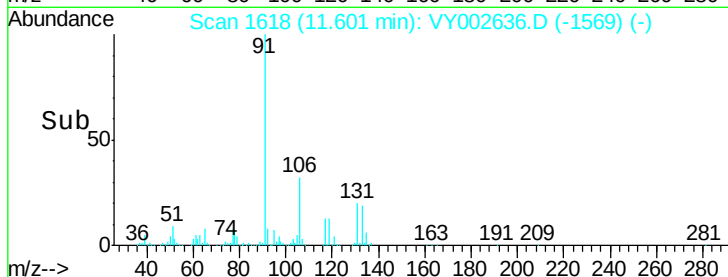
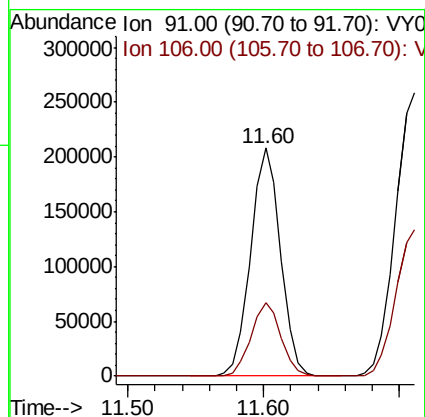
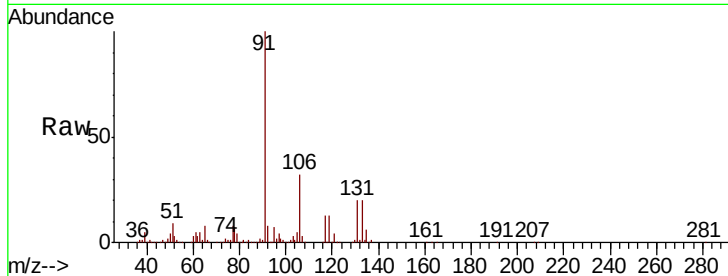
ClientSampled :

Tot Ion: 91 Resp: 320428

Ion Ratio Lower Upper

91 100

106 32.5 26.1 39.1



#68

m/p-Xylenes

Concen: 40.123 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002636.D

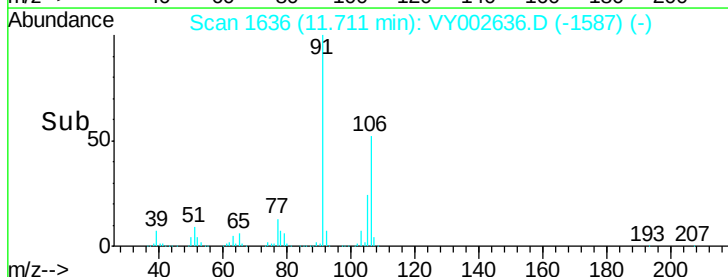
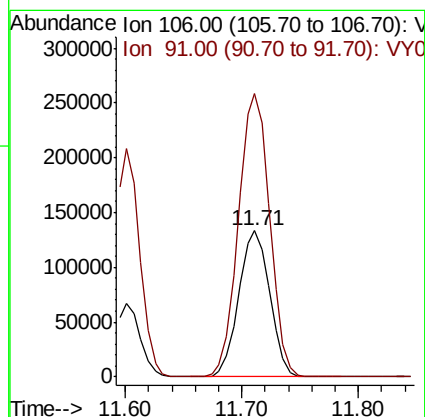
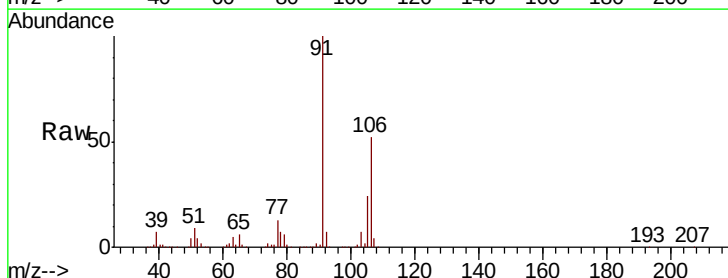
Acq: 08 May 2020 12:46

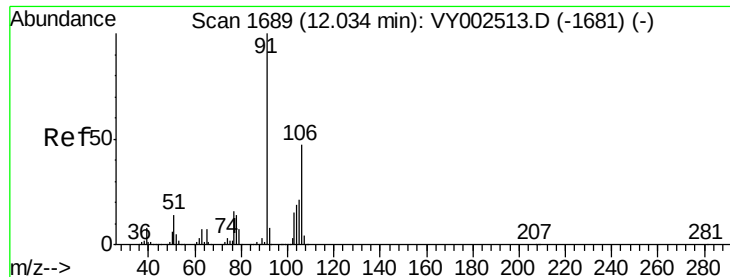
Tgt Ion: 106 Resp: 247897

Ion Ratio Lower Upper

106 100

91 194.6 155.2 232.8

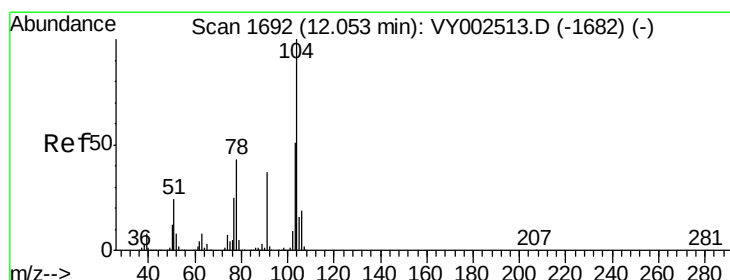
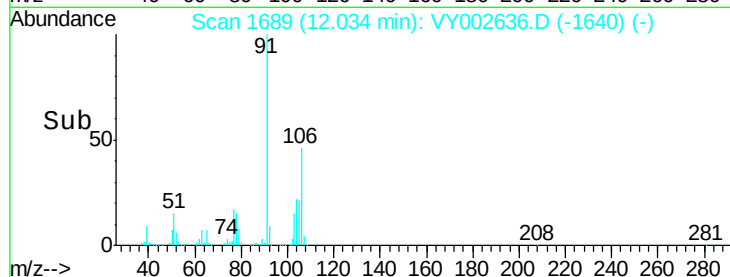
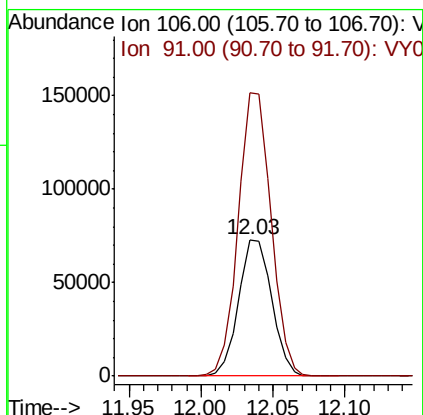
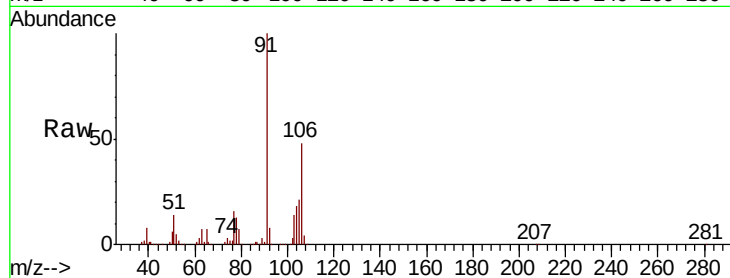




#69
o-Xylene
Concen: 20.210 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

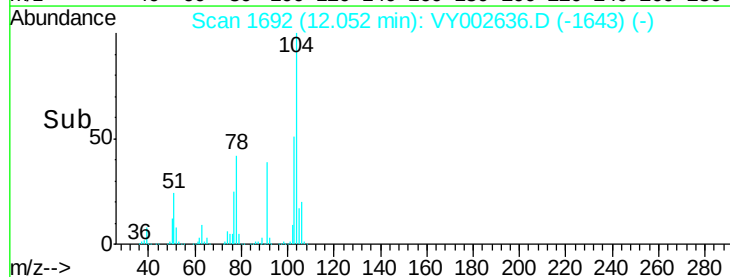
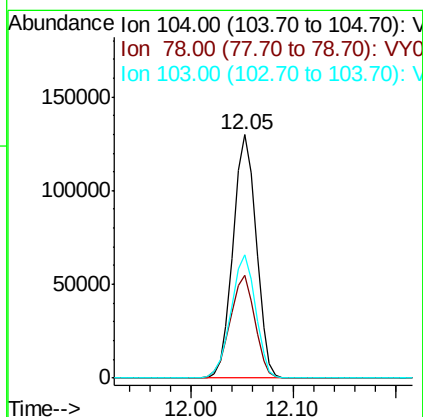
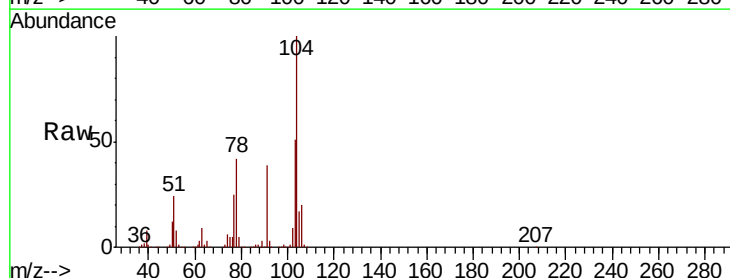
Instrument :
MSVOA_Y
ClientSampleId :

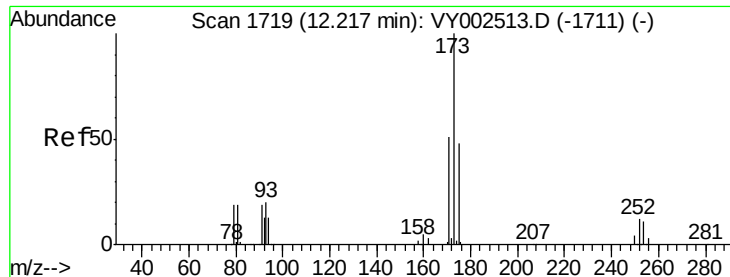
Tot Ion:106 Resp: 116914
Ion Ratio Lower Upper
106 100
91 205.4 103.8 311.3



#70
Styrene
Concen: 20.524 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion:104 Resp: 202970
Ion Ratio Lower Upper
104 100
78 45.3 37.4 56.0
103 53.8 43.9 65.9





#71

Bromoform

Concen: 20.423 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

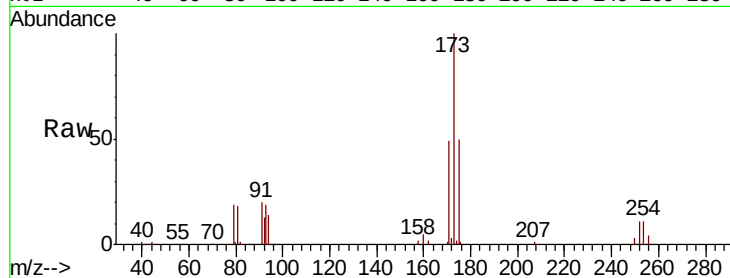
Tot Ion:173 Resp: 42774

Ion Ratio Lower Upper

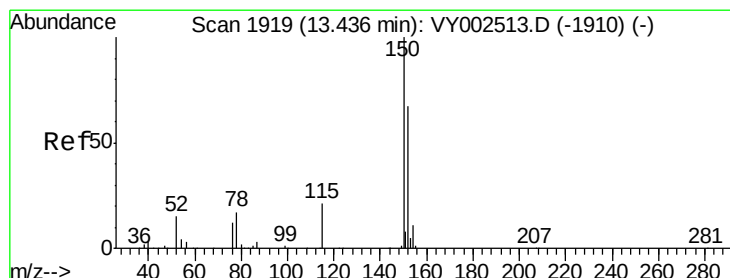
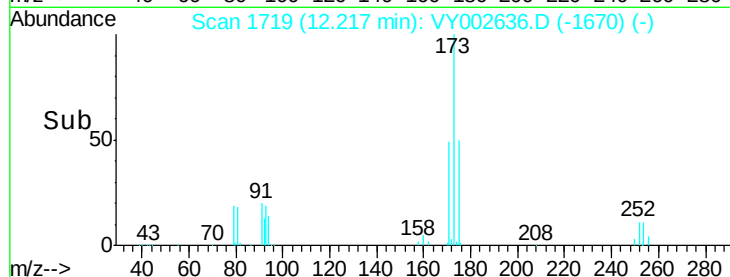
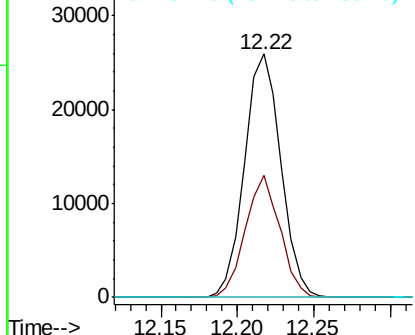
173 100

175 47.8 24.3 72.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

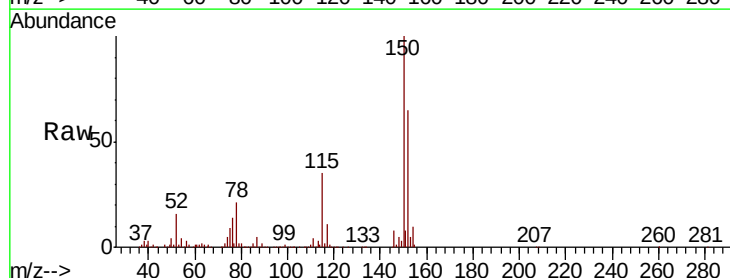
Tgt Ion:152 Resp: 250870

Ion Ratio Lower Upper

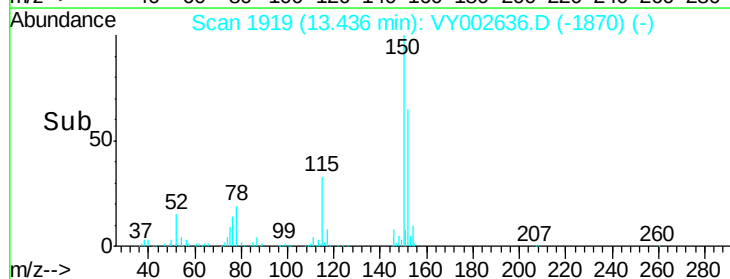
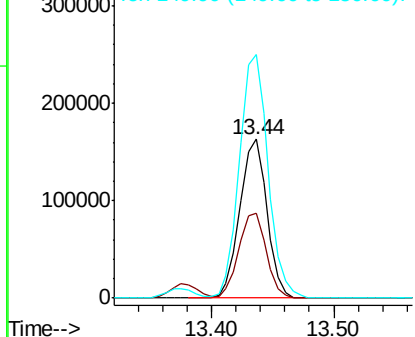
152 100

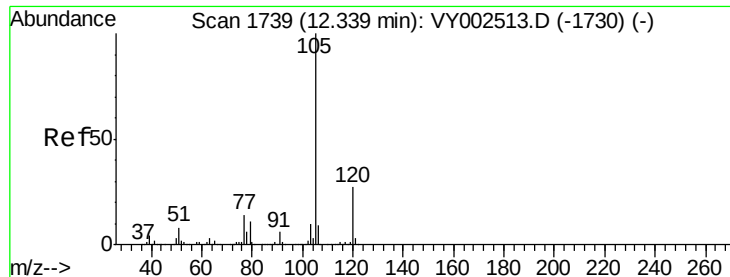
115 54.2 27.5 82.4

150 161.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.605 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

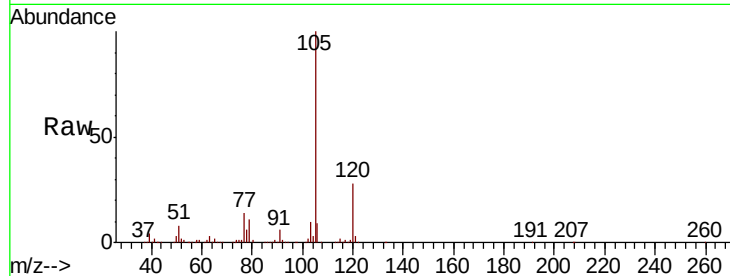
ClientSampleId :

Tot Ion:105 Resp: 318747

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

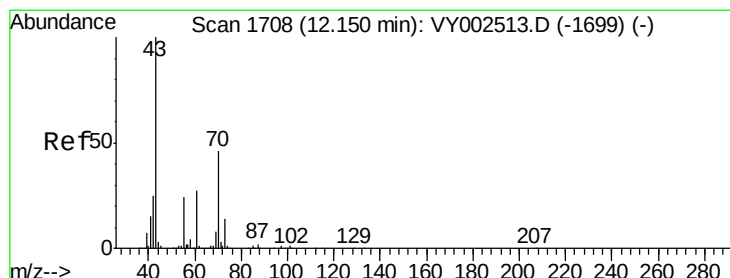
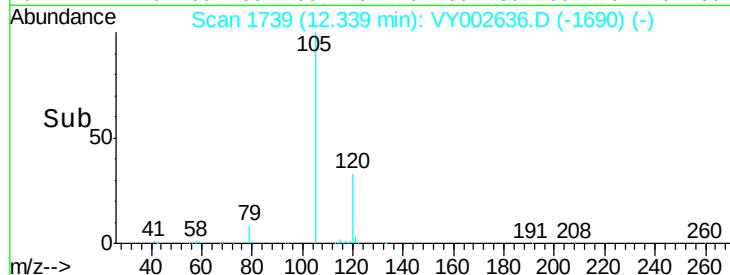
0

12.34

12.30

12.40

Time-->



#74

N-ethyl acetate

Concen: 20.029 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Tgt Ion: 43 Resp: 78335

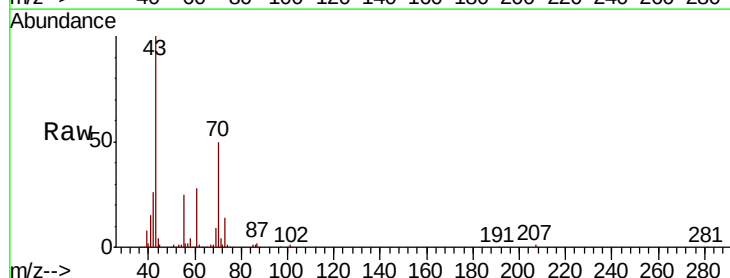
Ion Ratio Lower Upper

43 100

70 47.5 36.7 55.1

55 24.6 19.2 28.8

61 26.4 21.1 31.7



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

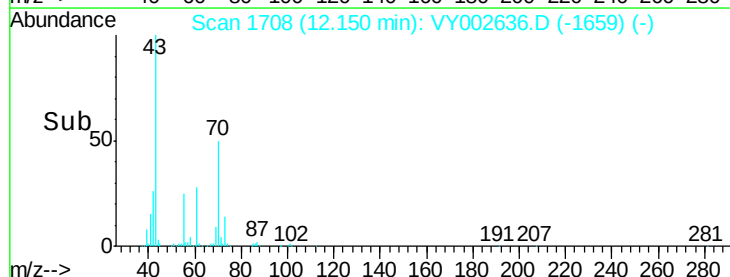
0

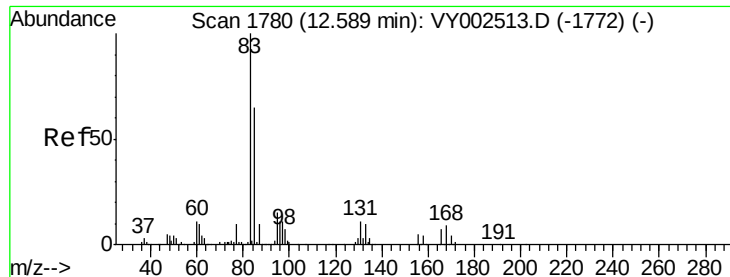
12.15

12.10

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.405 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

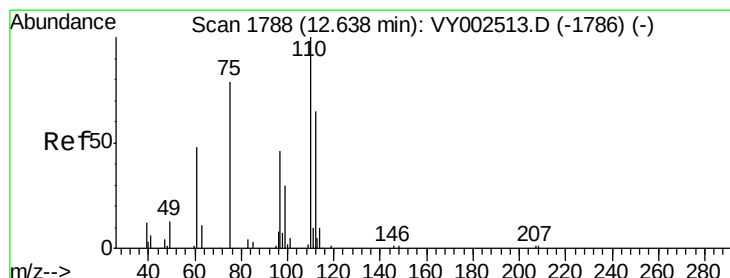
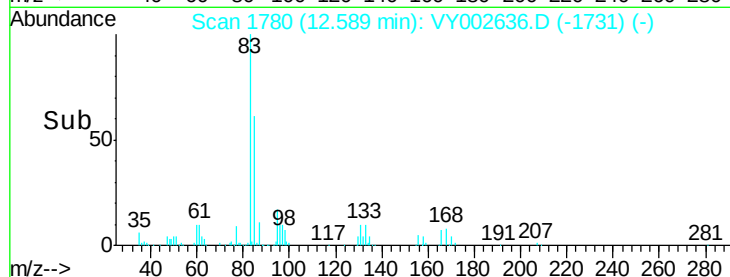
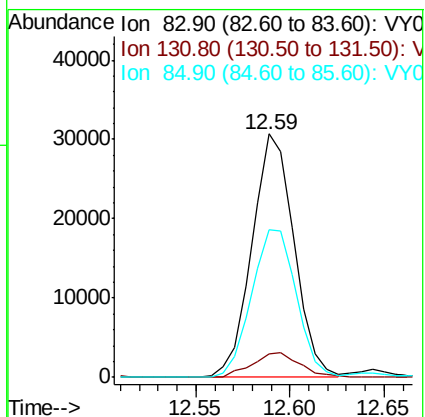
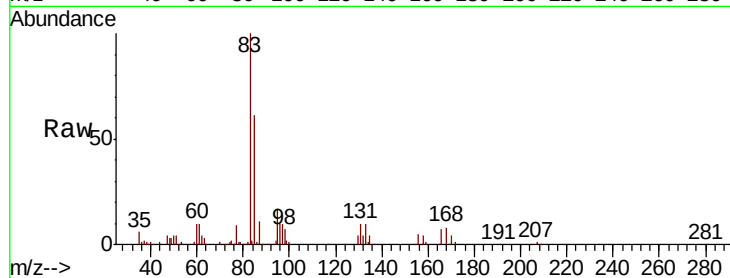
Tot Ion: 83 Resp: 47591

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

85 64.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 35.166 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002636.D

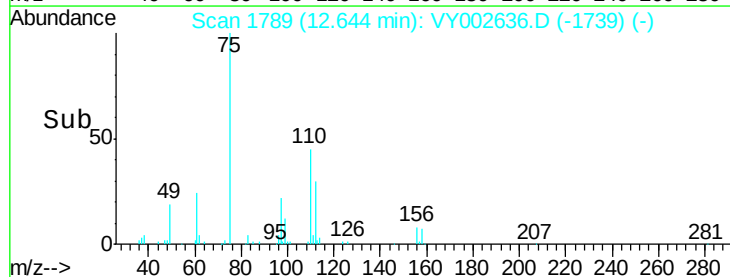
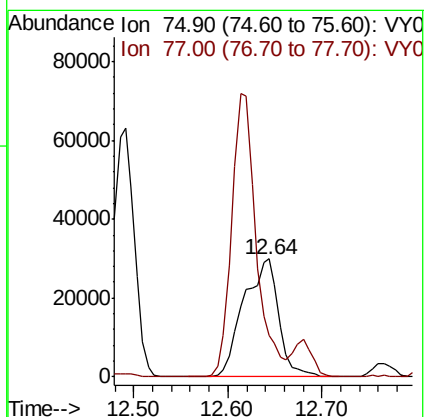
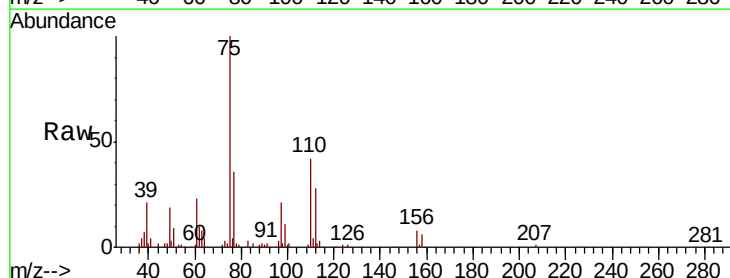
Acq: 08 May 2020 12:46

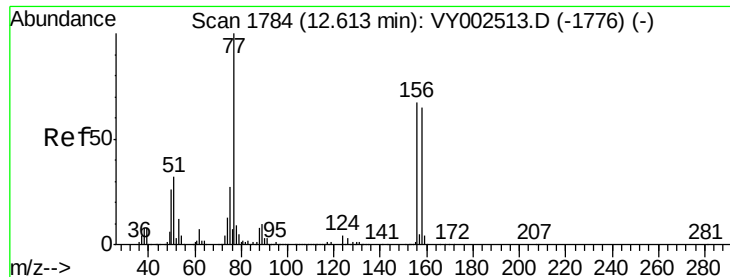
Tgt Ion: 75 Resp: 78400

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.840 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

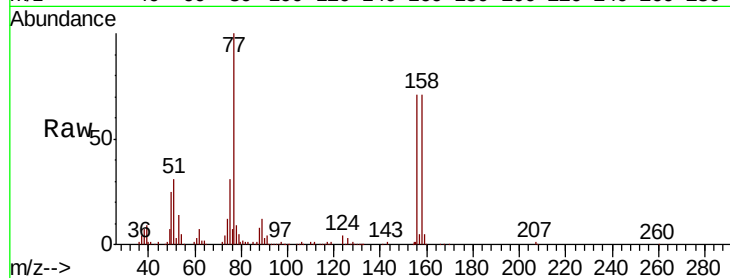
Tot Ion:156 Resp: 80593

Ion Ratio Lower Upper

156 100

77 162.8 82.0 245.8

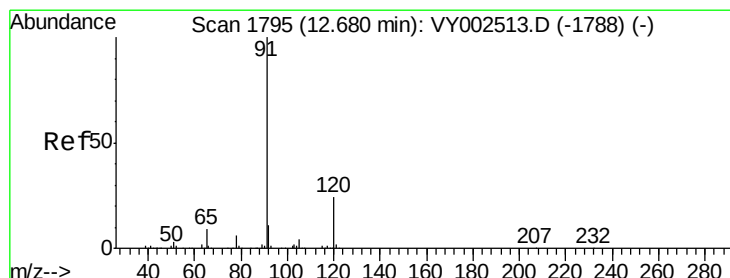
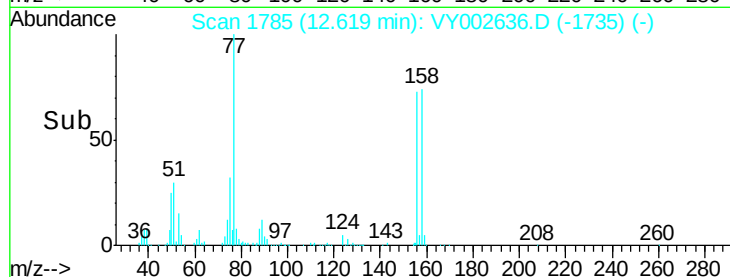
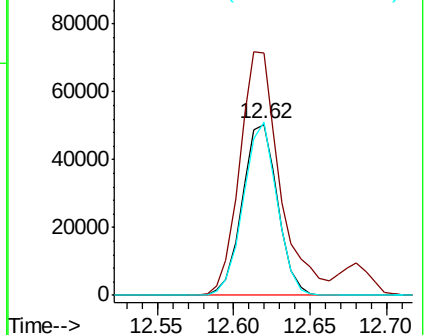
158 96.7 48.5 145.6



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: 19.773 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002636.D

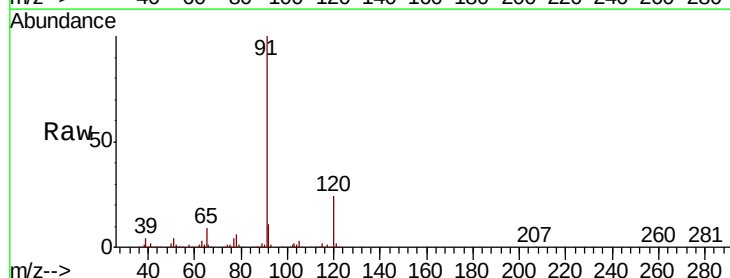
Acq: 08 May 2020 12:46

Tgt Ion: 91 Resp: 373071

Ion Ratio Lower Upper

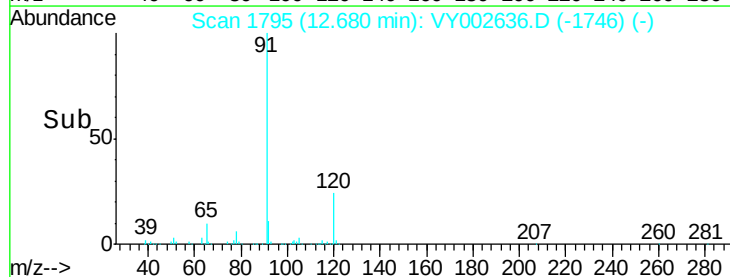
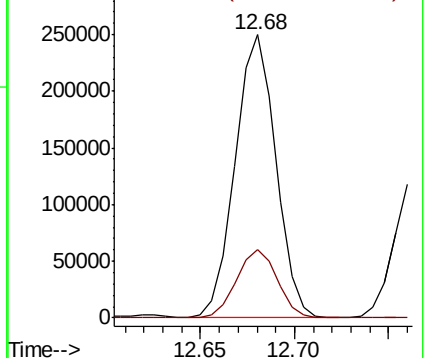
91 100

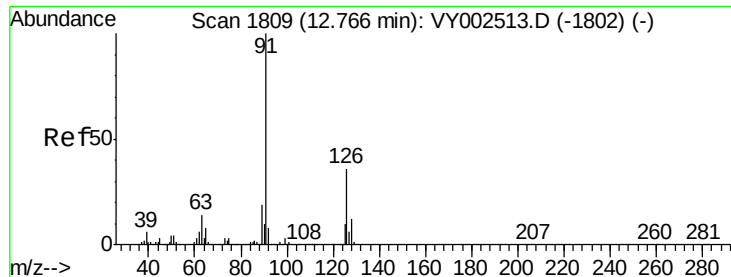
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.787 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

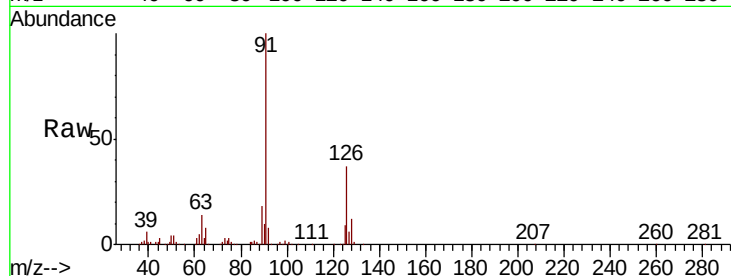
ClientSampleId :

Tot Ion: 91 Resp: 206807

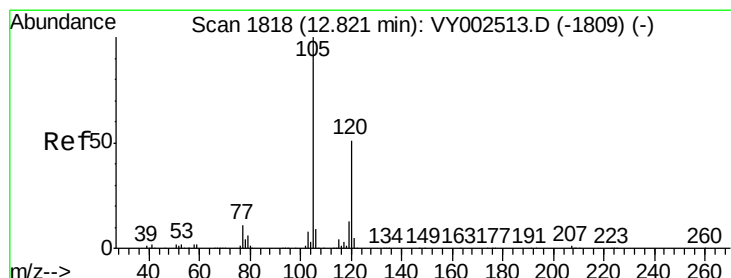
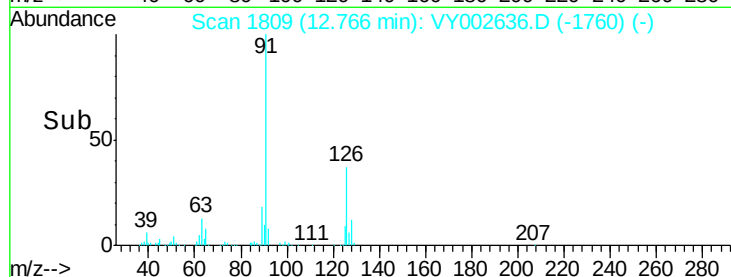
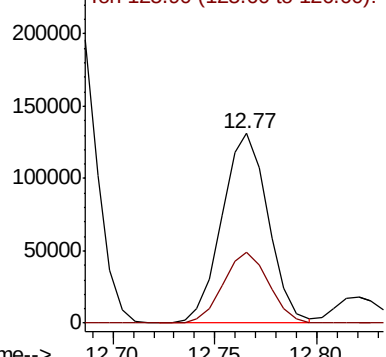
Ion Ratio Lower Upper

91 100

126 36.9 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002636.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.052 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002636.D

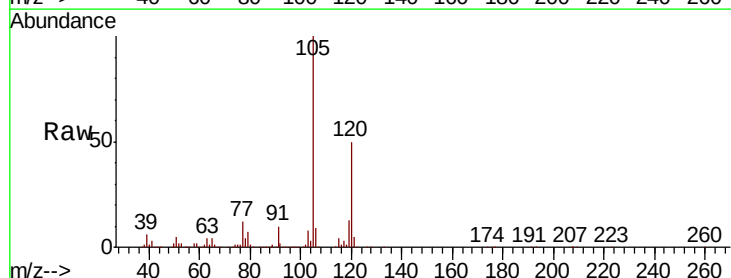
Acq: 08 May 2020 12:46

Tgt Ion: 105 Resp: 270243

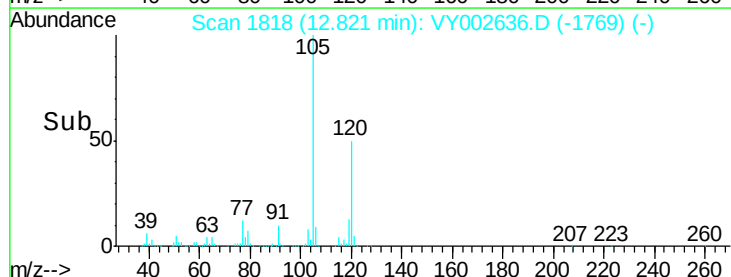
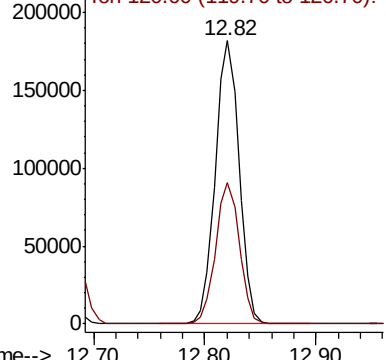
Ion Ratio Lower Upper

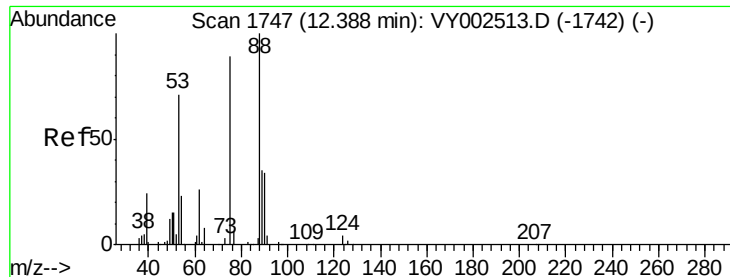
105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002636.D (-1769) (-)

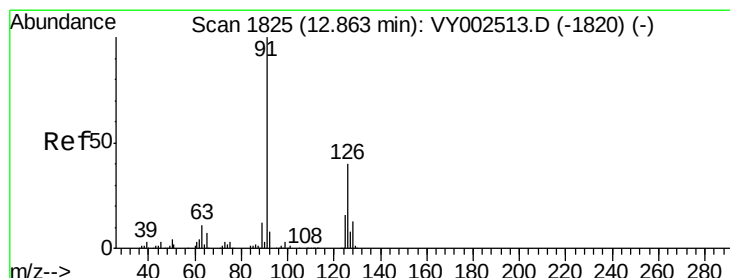
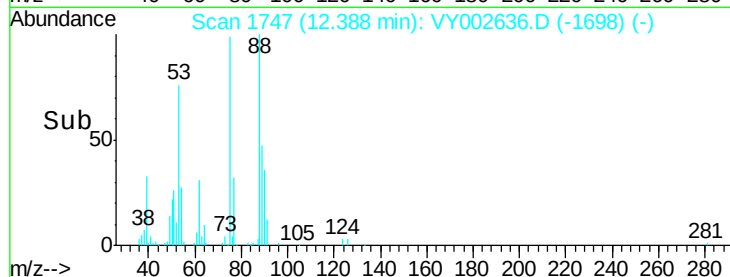
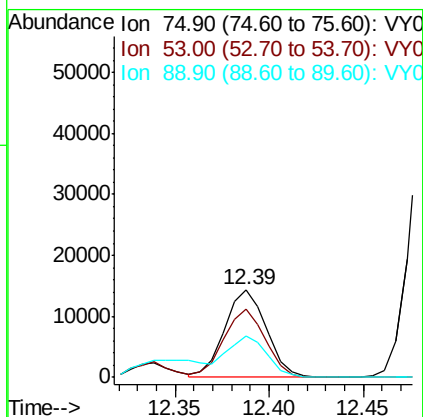
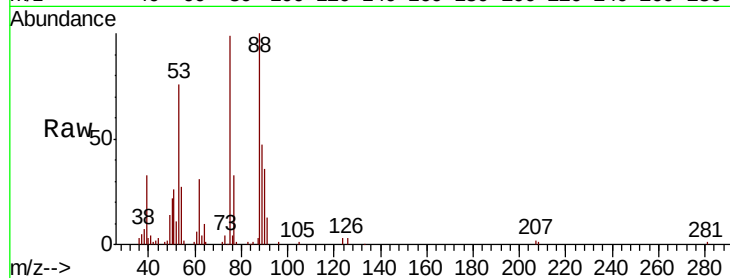




#81
trans-1,4-Dichloro-2-butene
Concen: 19.723 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

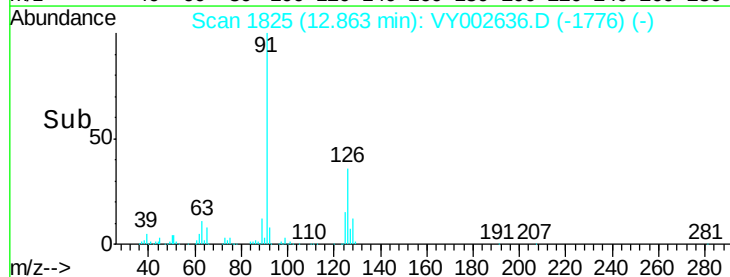
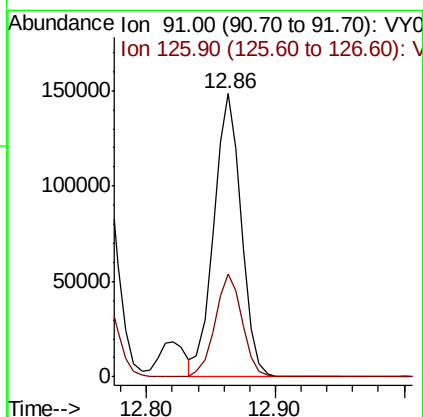
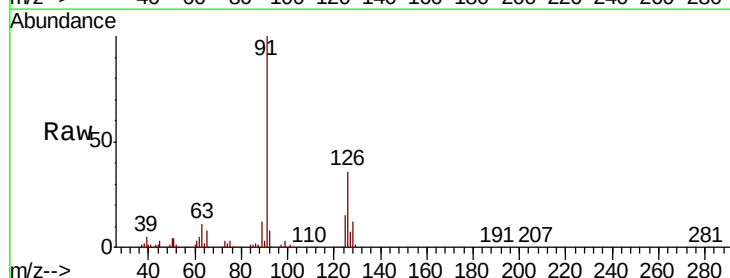
Instrument :
MSVOA_Y
ClientSampled :

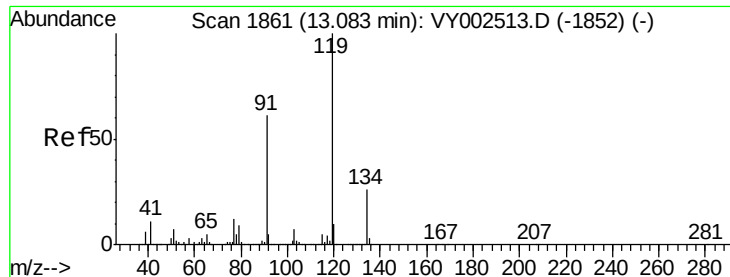
Tot Ion: 75 Resp: 21928
Ion Ratio Lower Upper
75 100
53 77.9 67.4 101.0
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.230 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 91 Resp: 222090
Ion Ratio Lower Upper
91 100
126 35.8 18.5 55.5





#83

tert-Butylbenzene

Concen: 19.834 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

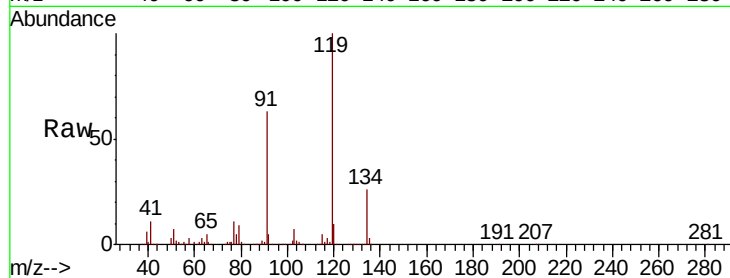
Tot Ion:119 Resp: 234386

Ion Ratio Lower Upper

119 100

91 62.6 30.6 91.6

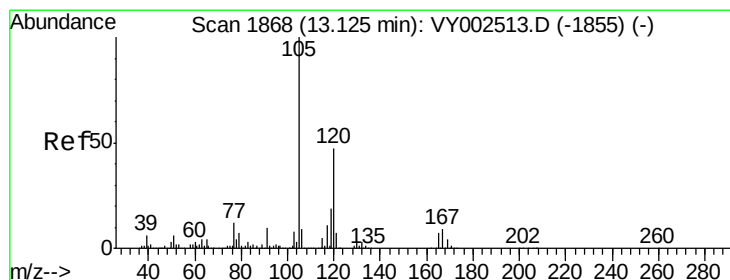
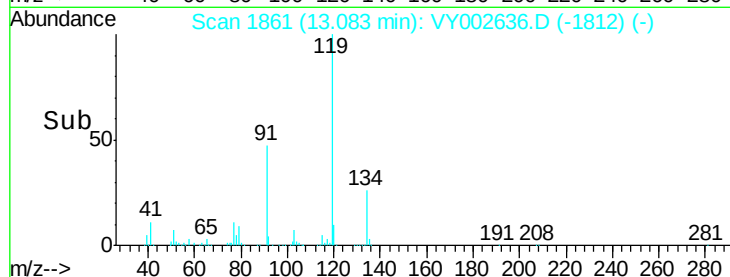
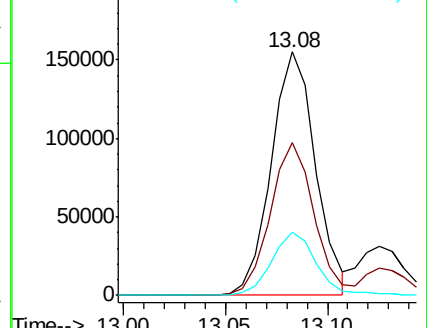
134 26.7 13.5 40.4



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: 19.927 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002636.D

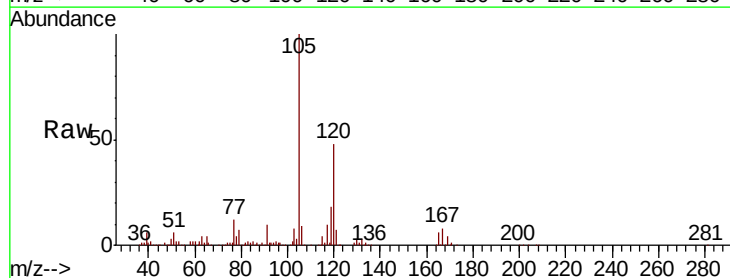
Acq: 08 May 2020 12:46

Tgt Ion:105 Resp: 267656

Ion Ratio Lower Upper

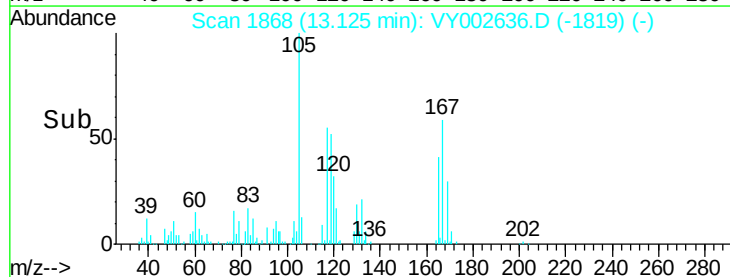
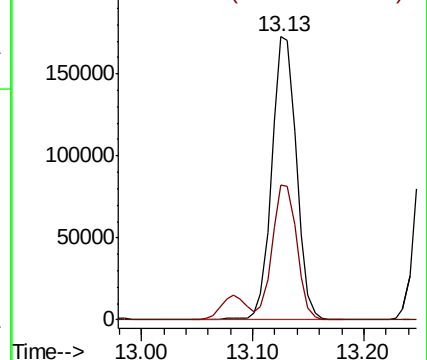
105 100

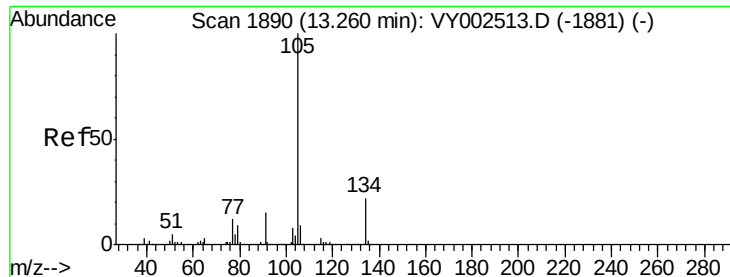
120 47.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.060 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

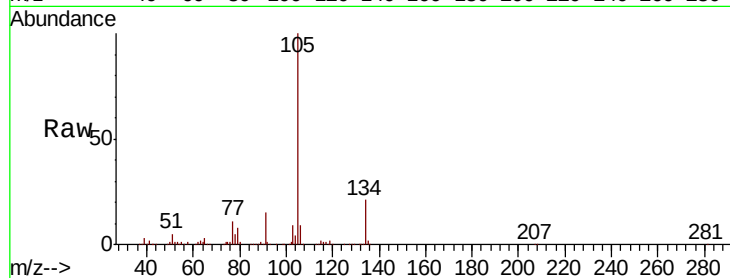
ClientSampleId :

Tot Ion:105 Resp: 328940

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

200000

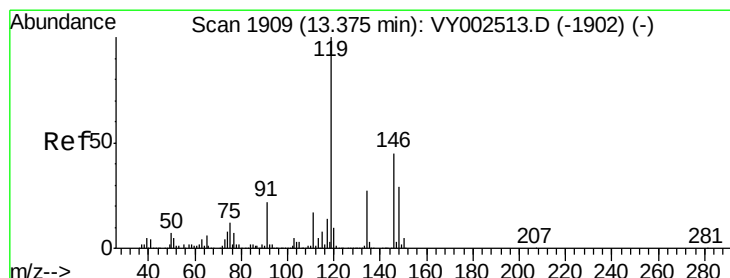
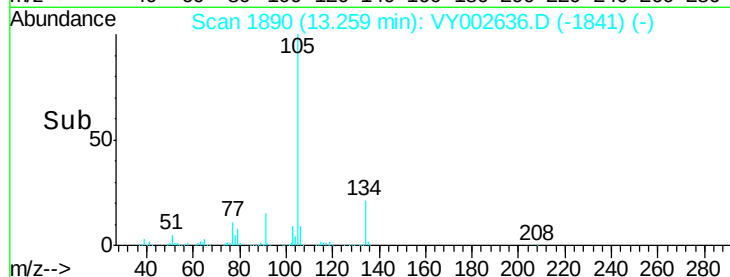
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.014 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

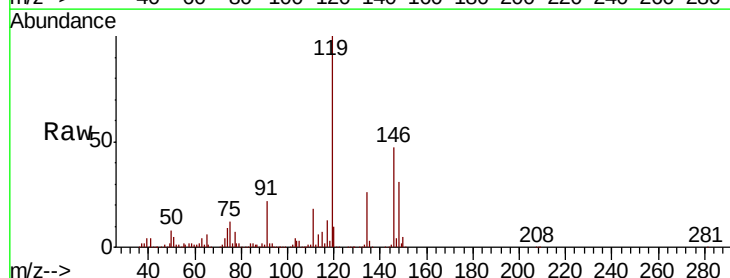
Tgt Ion:119 Resp: 307500

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.6 10.9 32.9



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

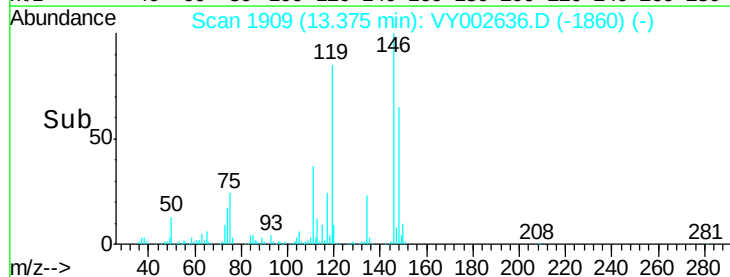
150000

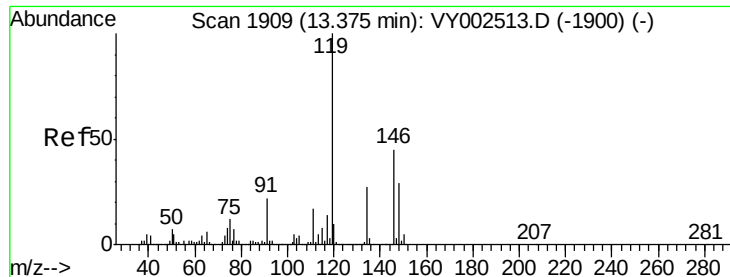
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.884 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

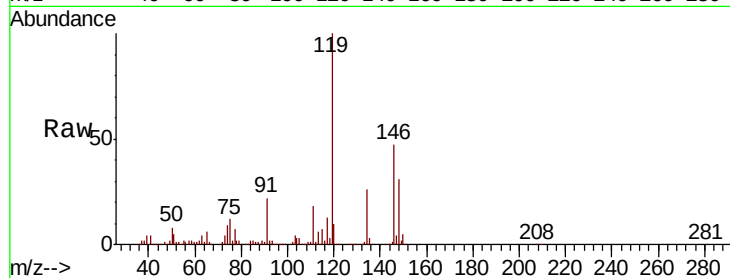
Tot Ion:146 Resp: 152875

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.3

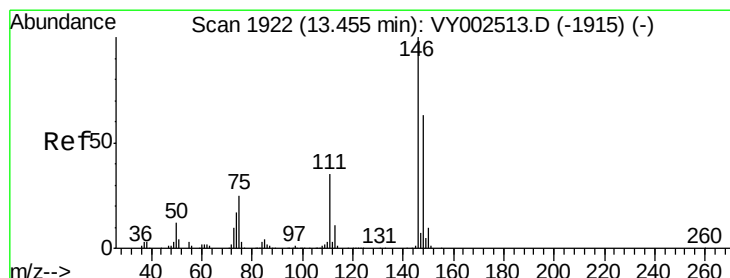
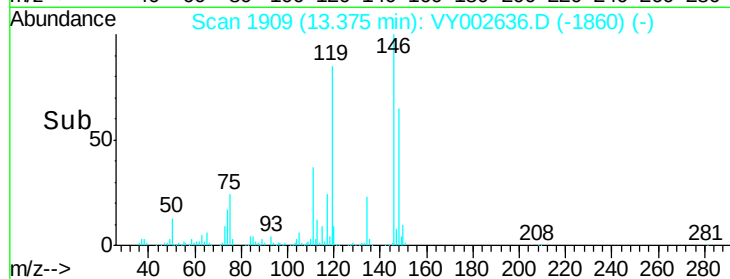
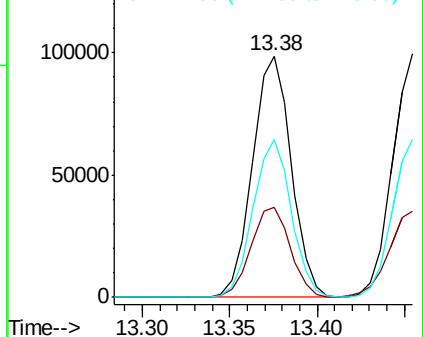
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.015 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002636.D

Acq: 08 May 2020 12:46

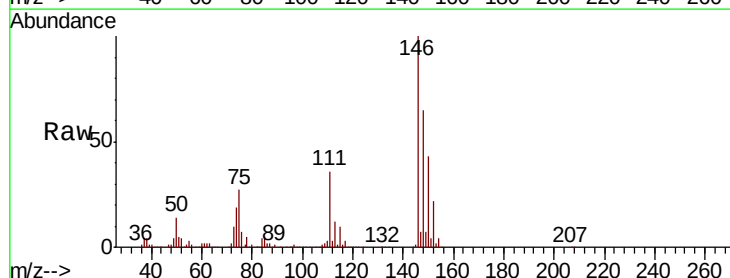
Tgt Ion:146 Resp: 152370

Ion Ratio Lower Upper

146 100

111 38.0 18.1 54.1

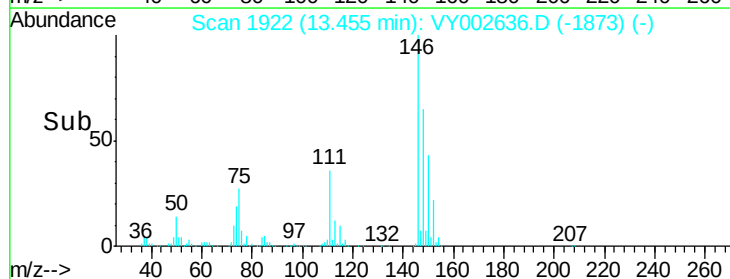
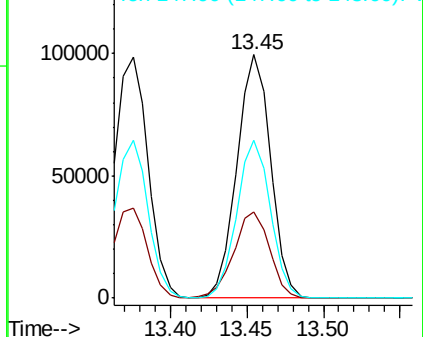
148 65.0 31.9 95.5

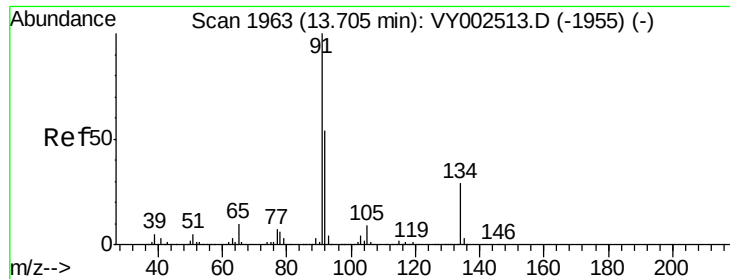


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

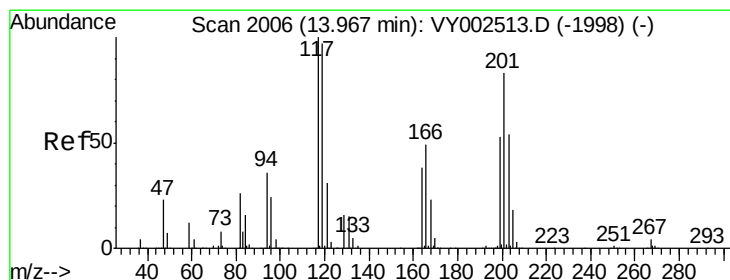
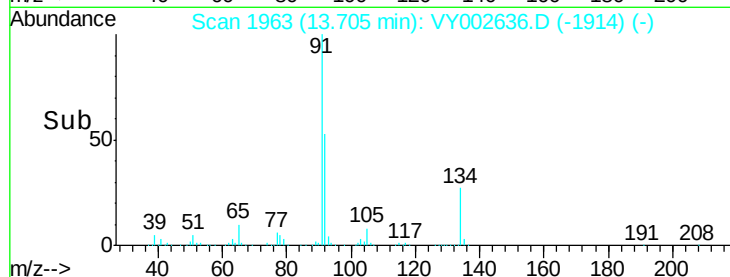
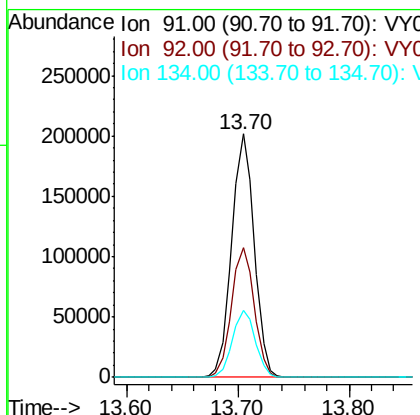
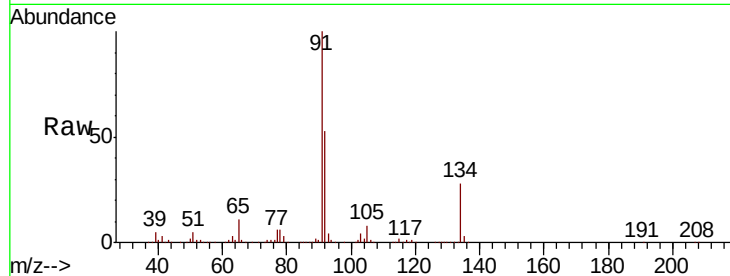




#89
n-Butylbenzene
Concen: 20.208 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

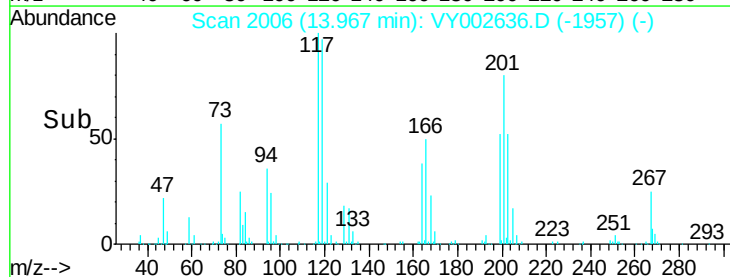
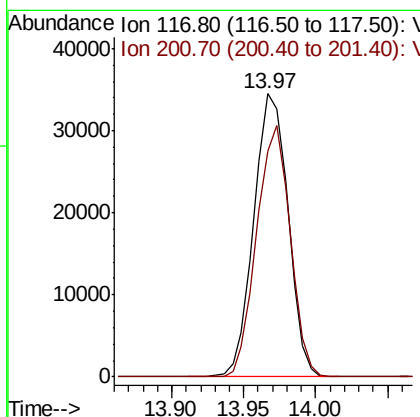
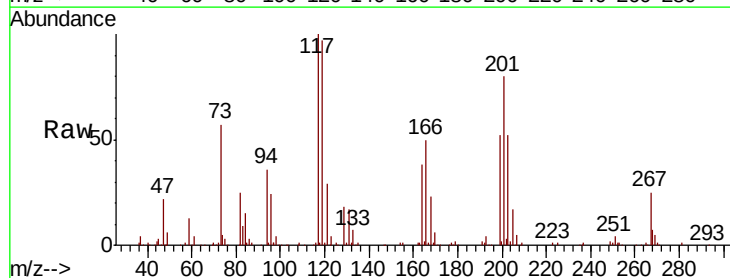
Instrument :
MSVOA_Y
ClientSampleId :

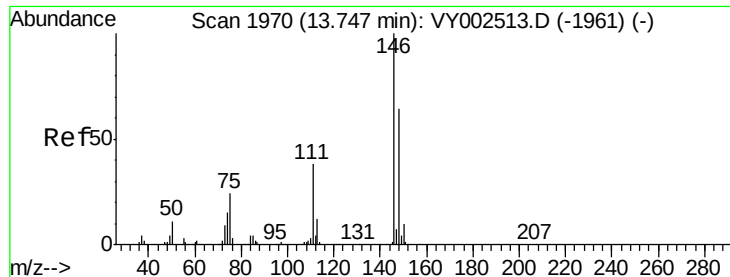
Tot Ion: 91 Resp: 282651
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.3
134 28.0 14.4 43.0



#90
Hexachloroethane
Concen: 20.254 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion: 117 Resp: 56672
Ion Ratio Lower Upper
117 100
201 86.8 44.4 133.2

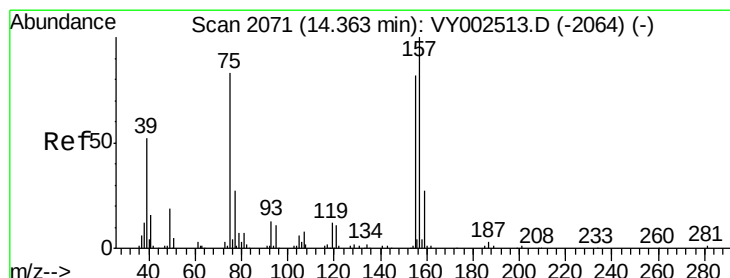
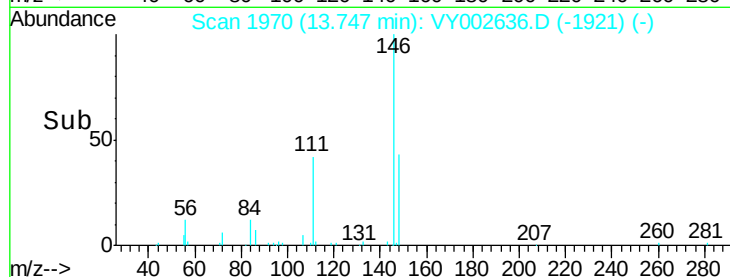
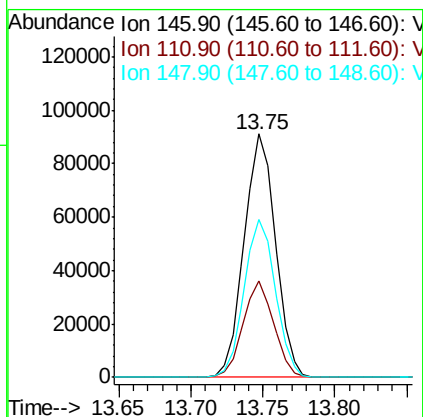
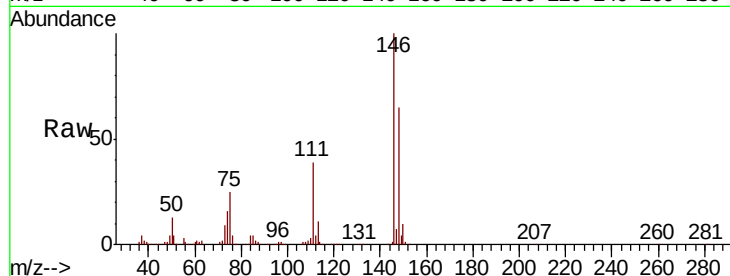




#91
 1,2-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

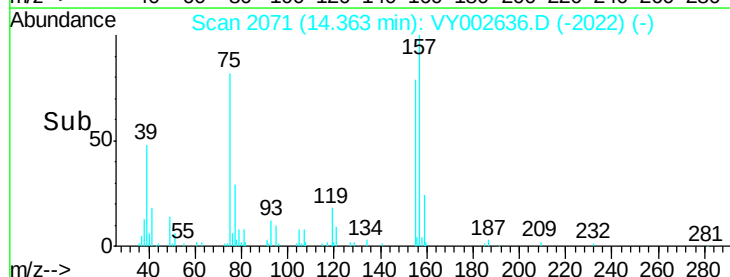
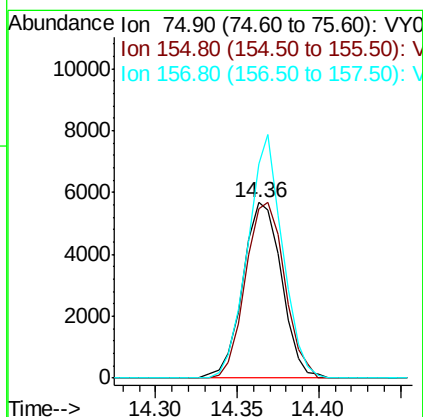
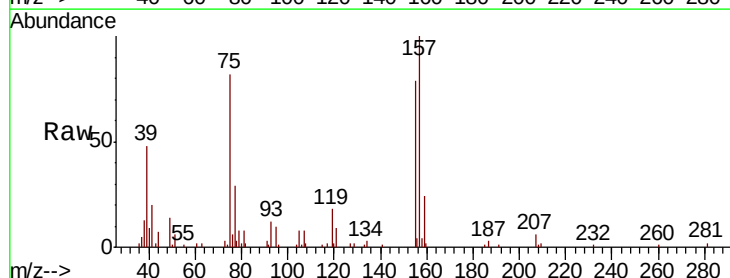
Instrument :
 MSVOA_Y
 ClientSampleId :

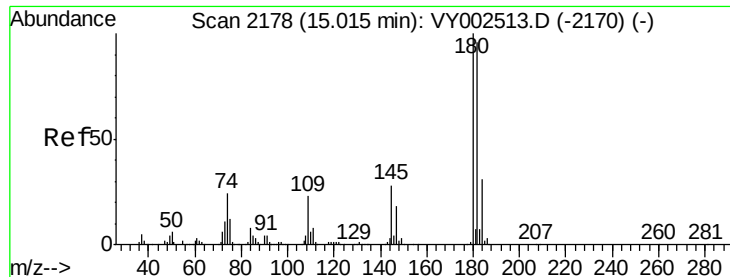
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.564 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	51.3	153.9
157	124.4	65.0	195.0

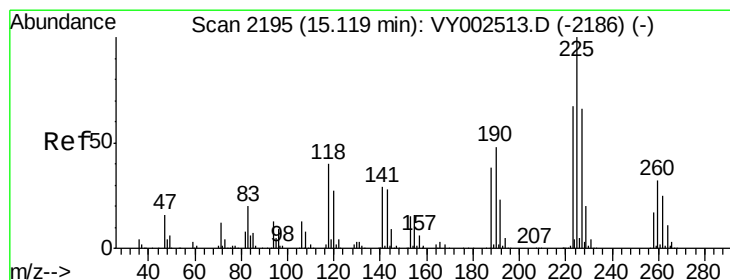
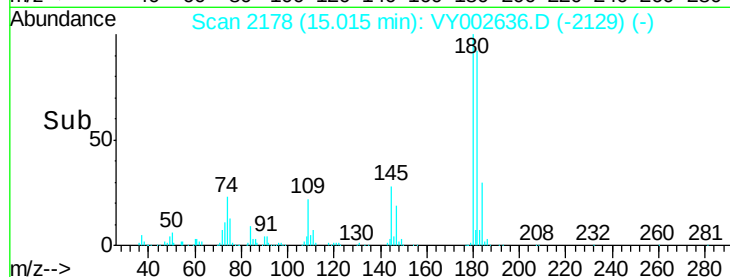
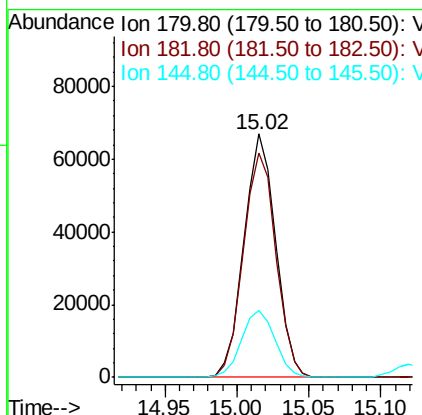
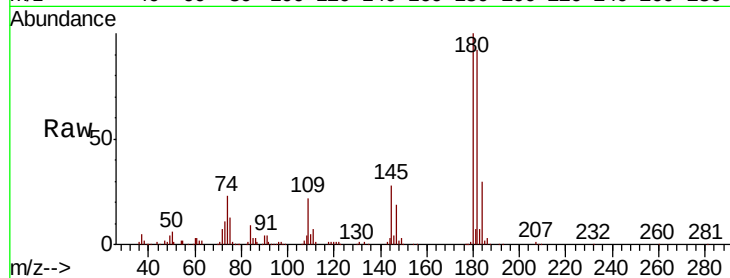




#93
 1,2,4-Trichlorobenzene
 Concen: 20.447 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

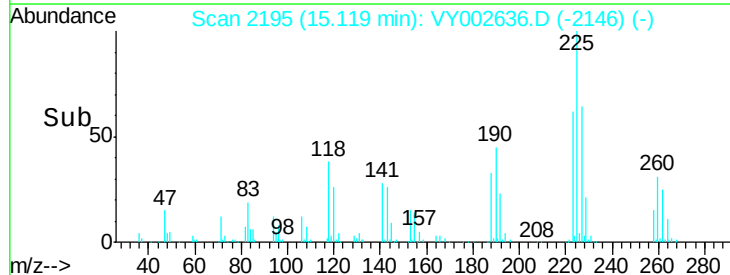
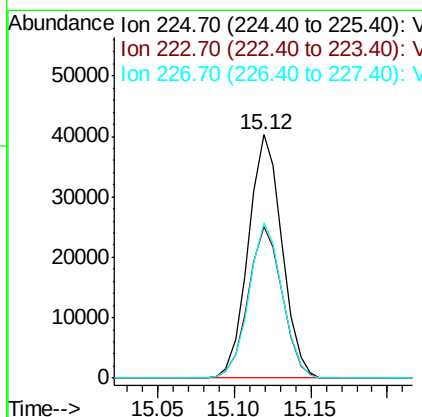
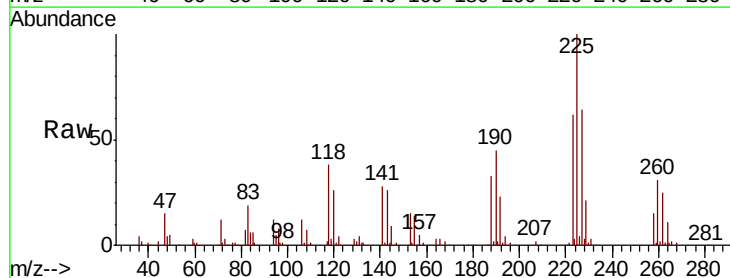
Instrument :
 MSVOA_Y
 ClientSampleId :

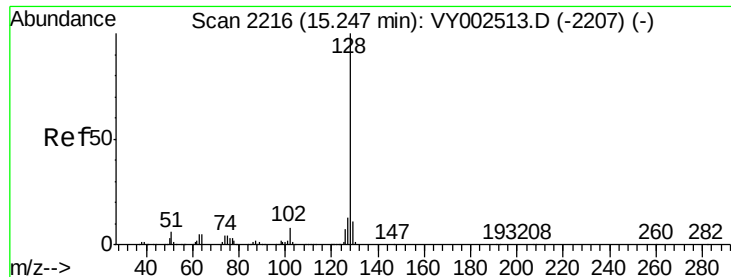
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	29.0	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.655 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002636.D
 Acq: 08 May 2020 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.1	96.5
227	63.0	32.0	96.2

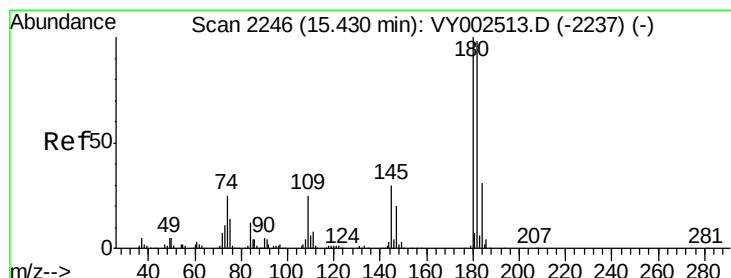
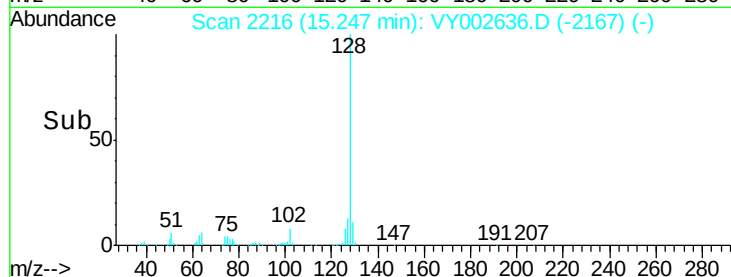
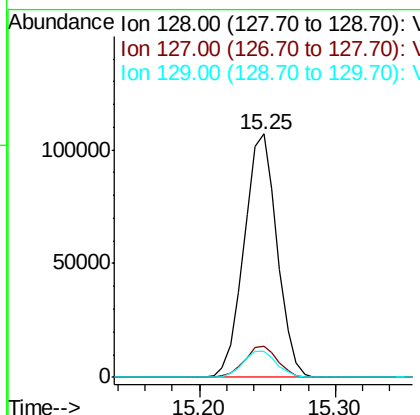
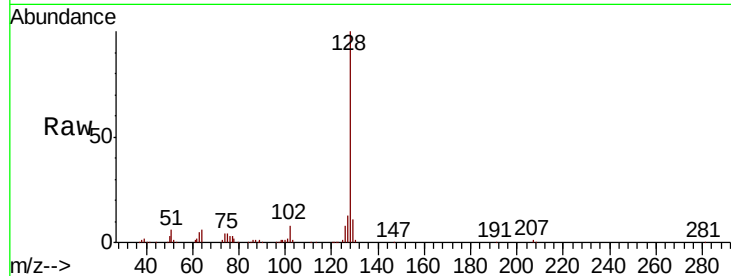




#95
Naphthalene
Concen: 19.975 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 181488
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.551 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002636.D
Acq: 08 May 2020 12:46

Tgt Ion:180 Resp: 86892
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.8
145 30.0 15.0 45.1

