

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003456.D
 Acq On : 05 Oct 2020 16:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	254088	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
35) Dibromofluoromethane	7.72	113	216660	53.79	ug/l	0.00
Spiked Amount			Recovery	=	107.58%	
50) Toluene-d8	10.18	98	897594	56.34	ug/l	0.00
Spiked Amount			Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.48	95	314715	57.53	ug/l	0.00
Spiked Amount			Recovery	=	115.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	176215	44.950	ug/l	100
3) Chloromethane	2.12	50	243050	45.006	ug/l	100
4) Vinyl Chloride	2.26	62	266373	48.814	ug/l	100
5) Bromomethane	2.65	94	249237	58.865	ug/l	100
6) Chloroethane	2.80	64	168539	49.237	ug/l	100
7) Trichlorofluoromethane	3.13	101	339550	46.644	ug/l	100
8) Diethyl Ether	3.54	74	112515	44.714	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	189611	44.078	ug/l	100
10) Methyl Iodide	4.10	142	122694	26.591	ug/l	100
11) Tert butyl alcohol	4.97	59	105188	211.817	ug/l	100
12) 1,1-Dichloroethene	3.88	96	188025	44.993	ug/l	100
13) Acrolein	3.74	56	110638	228.556	ug/l	100
14) Allyl chloride	4.49	41	339782	47.890	ug/l	100
15) Acrylonitrile	5.18	53	269380	216.210	ug/l	100
16) Acetone	3.95	43	302231	262.687	ug/l	100
17) Carbon Disulfide	4.20	76	614922	45.062	ug/l	100
18) Methyl Acetate	4.49	43	138129	45.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	502374	43.576	ug/l	100
20) Methylene Chloride	4.72	84	223985	29.375	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	218135	45.787	ug/l	100
22) Diisopropyl ether	6.13	45	639027	43.645	ug/l	100
23) Vinyl Acetate	6.07	43	2361272	242.089	ug/l	100
24) 1,1-Dichloroethane	6.02	63	388520	46.732	ug/l	100
25) 2-Butanone	6.99	43	424714	244.788	ug/l	100
26) 2,2-Dichloropropane	6.99	77	348491	46.922	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	245016	46.762	ug/l	100
28) Bromochloromethane	7.34	49	194085	56.976	ug/l	100
29) Tetrahydrofuran	7.35	42	246400	221.624	ug/l	100
30) Chloroform	7.51	83	398501	48.130	ug/l	100
31) Cyclohexane	7.79	56	330513	41.522	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	365341	48.304	ug/l	100
36) 1,1-Dichloropropene	7.92	75	314466	48.991	ug/l	100
37) Ethyl Acetate	7.08	43	184307	50.032	ug/l	100
38) Carbon Tetrachloride	7.91	117	331640	50.041	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	357788	46.253	ug/l	100
40) Benzene	8.16	78	894303	49.955	ug/l	100
41) Methacrylonitrile	7.35	41	241265	117.388	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	283437	51.547	ug/l	100
43) Isopropyl Acetate	8.28	43	351458	50.484	ug/l	100
44) Trichloroethene	8.94	130	261677	50.726	ug/l	100
45) 1,2-Dichloropropane	9.22	63	227864	48.855	ug/l	100
46) Dibromomethane	9.31	93	127986	48.691	ug/l	100
47) Bromodichloromethane	9.50	83	312141	49.394	ug/l	100
48) Methyl methacrylate	9.30	41	169095	53.290	ug/l	100
49) 1,4-Dioxane	9.30	88	30875	920.071	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	942346	257.355	ug/l	100
52) Toluene	10.24	92	579815	51.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	344316	50.982	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	382728	50.220	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	183338	49.781	ug/l	100
56) Ethyl methacrylate	10.51	69	254592	49.967	ug/l	100
57) 1,3-Dichloropropane	10.79	76	320456	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	624609	258.646	ug/l	100
59) 2-Hexanone	10.83	43	669025	261.695	ug/l	100
60) Dibromochloromethane	10.99	129	235015	50.679	ug/l	100
61) 1,2-Dibromoethane	11.09	107	177160	49.504	ug/l	100
64) Tetrachloroethene	10.72	164	287376	51.978	ug/l	100
65) Chlorobenzene	11.52	112	636528	49.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	247398	49.596	ug/l	100
67) Ethyl Benzene	11.59	91	1161203	50.217	ug/l	100
68) m/p-Xylenes	11.70	106	882032	100.953	ug/l	100
69) o-Xylene	12.03	106	416528	50.980	ug/l	100
70) Styrene	12.04	104	724957	51.776	ug/l	100
71) Bromoform	12.20	173	163417	50.248	ug/l	100
73) Isopropylbenzene	12.33	105	1154941	48.520	ug/l	100
74) N-amyl acetate	12.14	43	330105	47.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	215711	45.955	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	311324	93.827	ug/l #	100
77) Bromobenzene	12.61	156	298252	49.087	ug/l	100
78) n-propylbenzene	12.67	91	1371235	48.262	ug/l	100
79) 2-Chlorotoluene	12.75	91	765983	48.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	998076	49.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	83265	47.475	ug/l	100
82) 4-Chlorotoluene	12.85	91	804182	48.884	ug/l	100
83) tert-Butylbenzene	13.07	119	856262	49.228	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1002888	49.780	ug/l	100
85) sec-Butylbenzene	13.25	105	1201367	49.677	ug/l	100
86) p-Isopropyltoluene	13.37	119	1152240	50.742	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	581852	50.010	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	569037	49.677	ug/l	100
89) n-Butylbenzene	13.69	91	1042044	48.933	ug/l	100
90) Hexachloroethane	13.96	117	178896	42.449	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	519491	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39893	51.413	ug/l	100

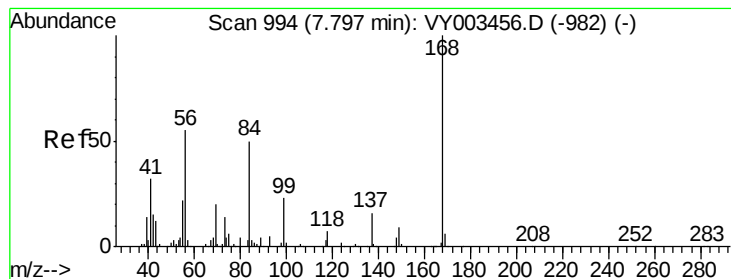
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	383555	52.292	ug/l	100
94) Hexachlorobutadiene	15.11	225	248356	51.335	ug/l	100
95) Naphthalene	15.23	128	685857	54.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	333394	55.580	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

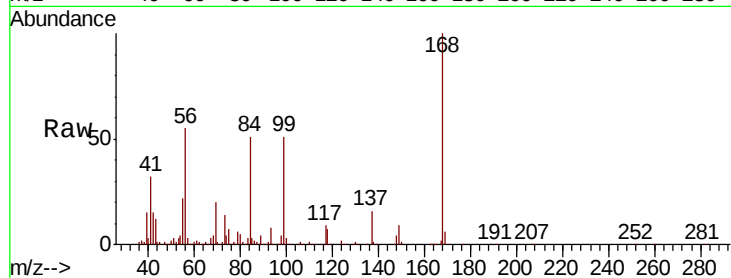
ClientSampled :

Tot Ion:168 Resp: 486039

Ion Ratio Lower Upper

168 100

99 50.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

250000

200000

150000

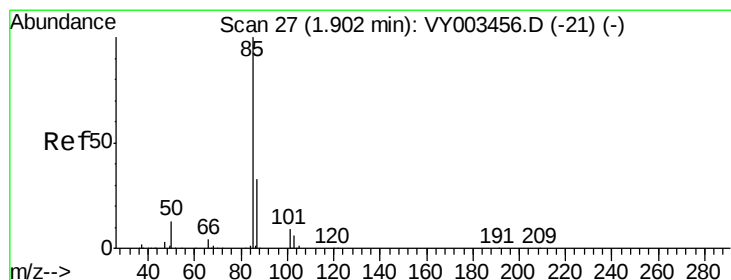
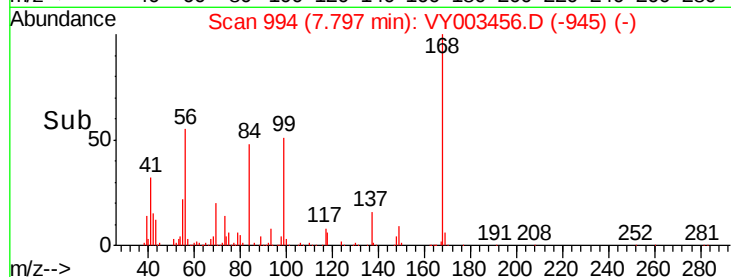
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.950 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003456.D

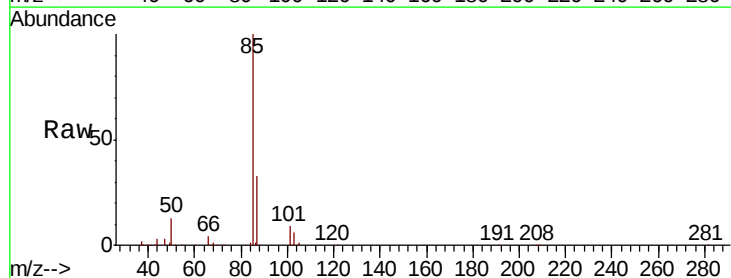
Acq: 05 Oct 2020 16:12

Tgt Ion: 85 Resp: 176215

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003456.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003456.D (-21) (-)

1.90

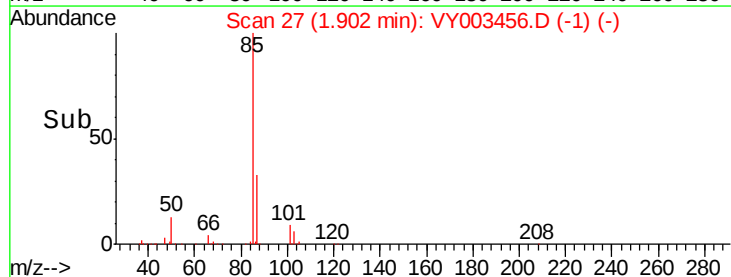
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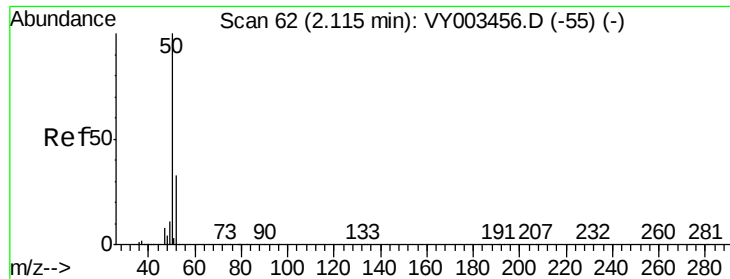
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.006 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

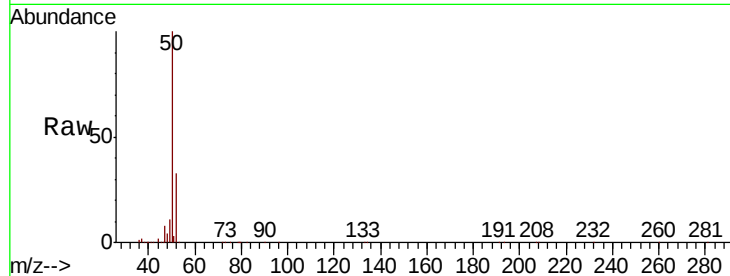
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 243050

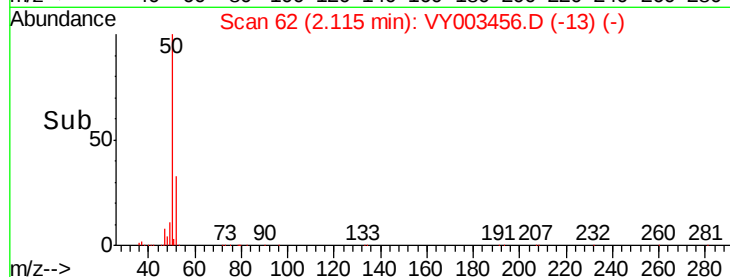
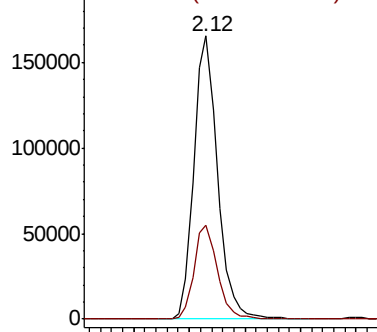
Ion Ratio Lower Upper

50 100

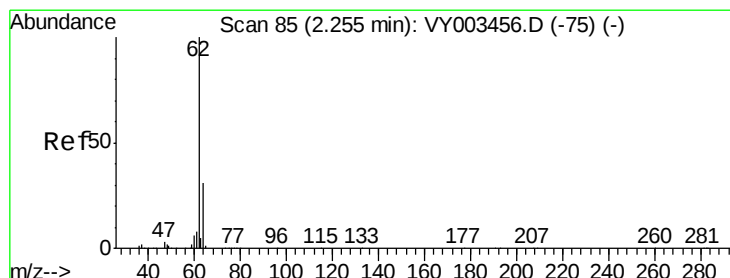
52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 48.814 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003456.D

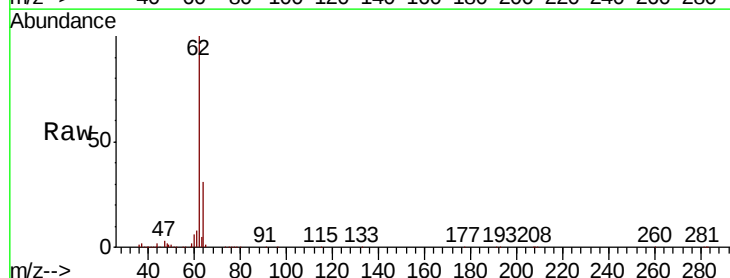
Acq: 05 Oct 2020 16:12

Tgt Ion: 62 Resp: 266373

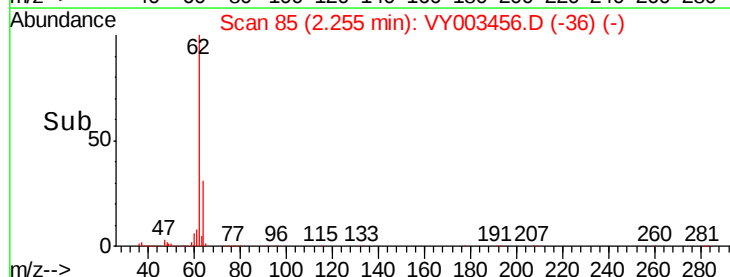
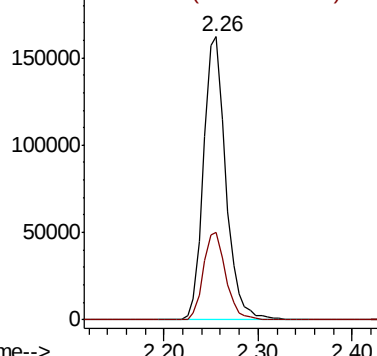
Ion Ratio Lower Upper

62 100

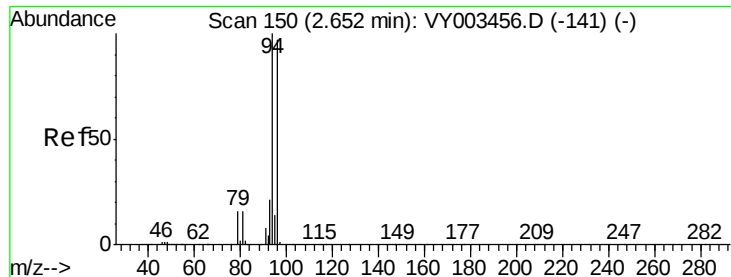
64 30.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0



Time-->



#5

Bromomethane

Concen: 58.865 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

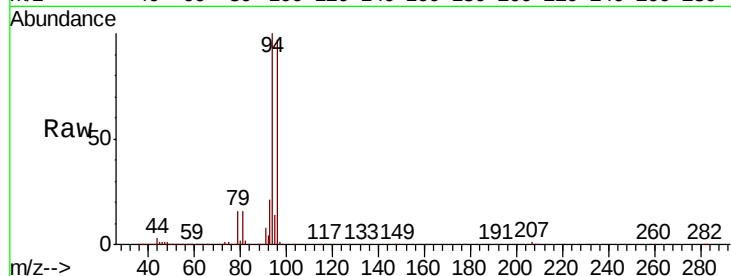
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 249237

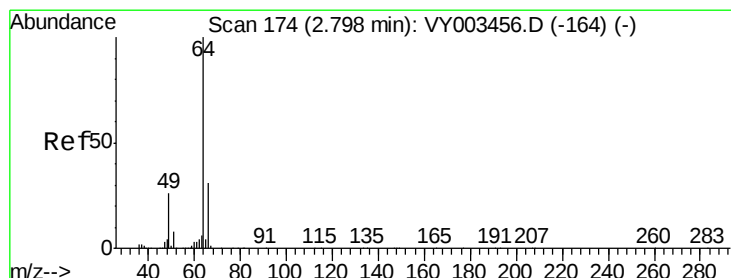
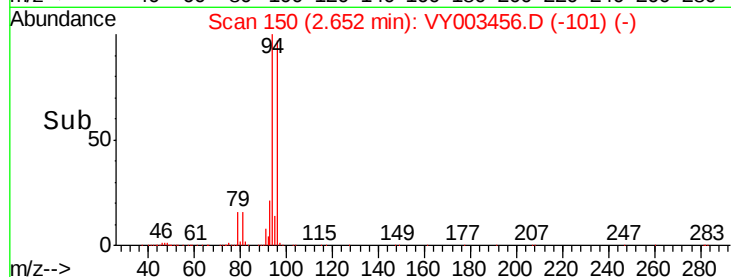
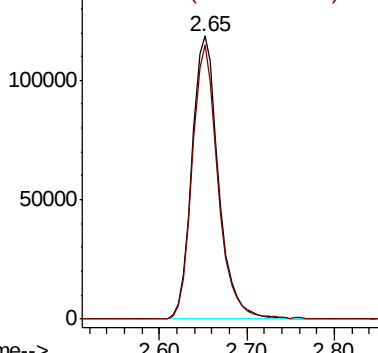
Ion Ratio Lower Upper

94 100

96 96.8 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.237 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003456.D

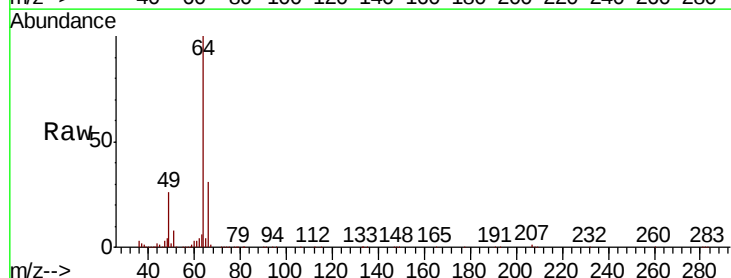
Acq: 05 Oct 2020 16:12

Tgt Ion: 64 Resp: 168539

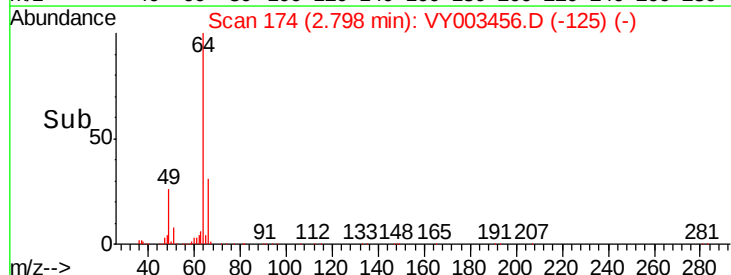
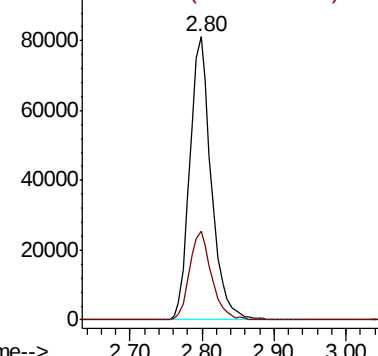
Ion Ratio Lower Upper

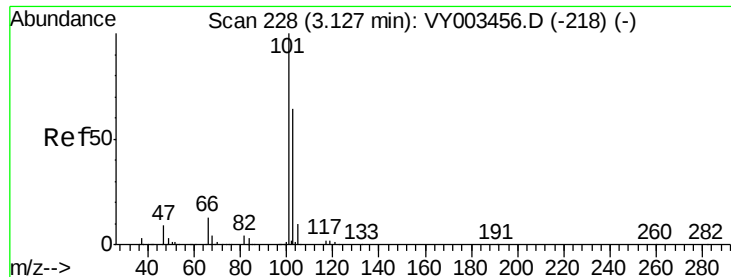
64 100

66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



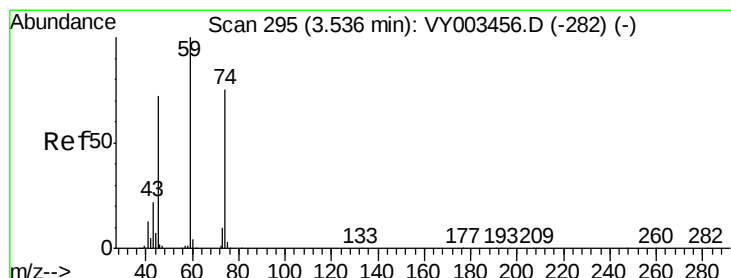
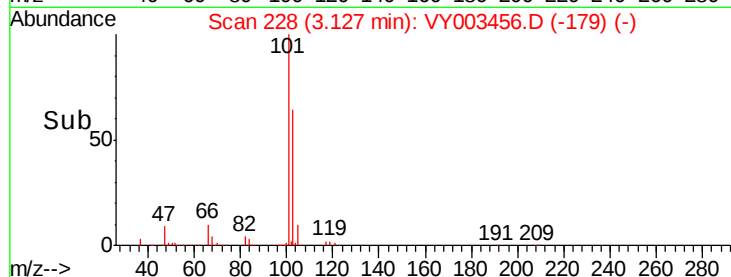
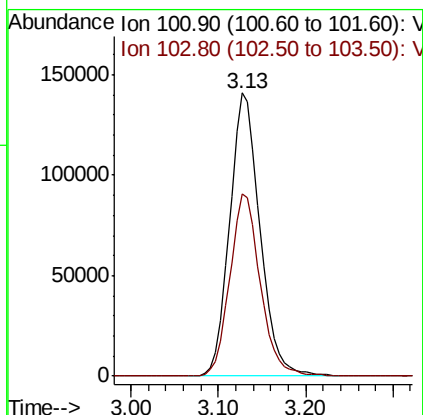
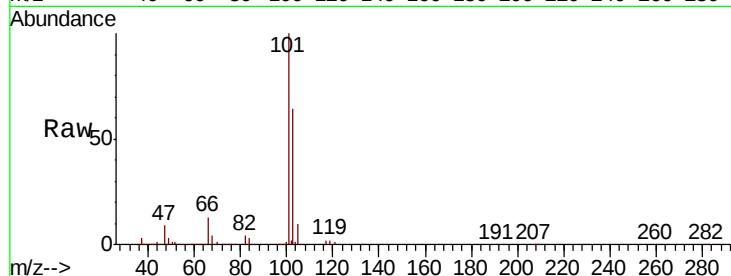


#7

Trichlorofluoromethane
 Concen: 46.644 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :

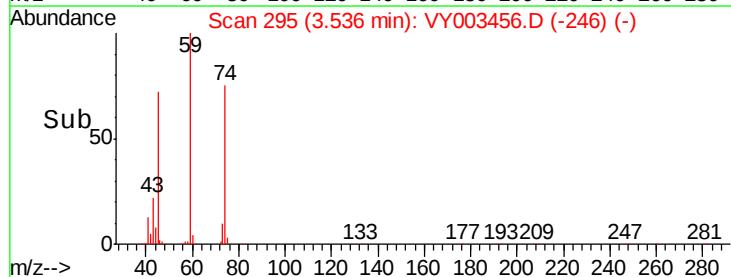
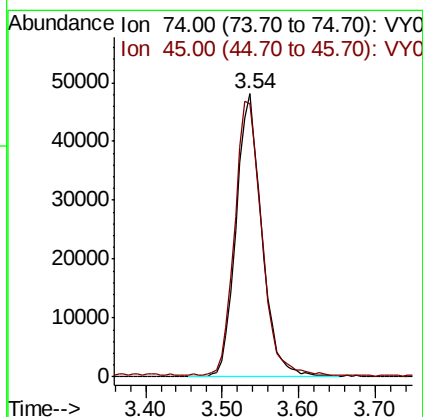
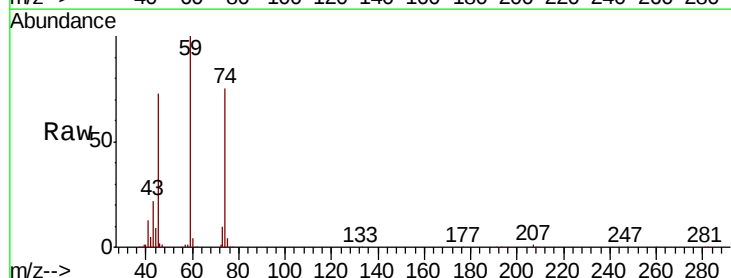
Tot Ion:101 Resp: 339550
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

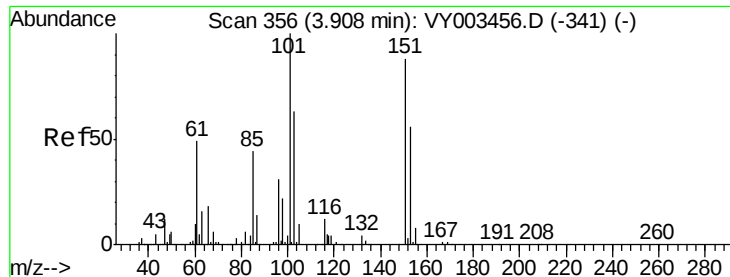


#8

Diethyl Ether
 Concen: 44.714 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion: 74 Resp: 112515
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.078 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

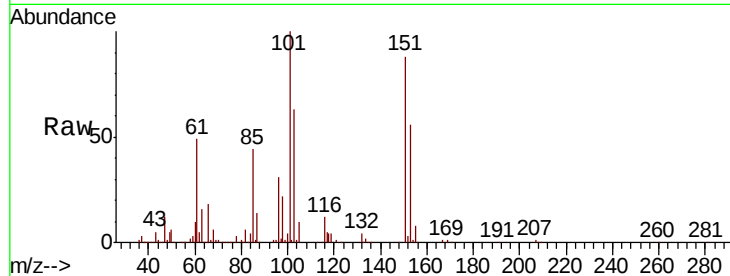
Tot Ion:101 Resp: 189611

Ion Ratio Lower Upper

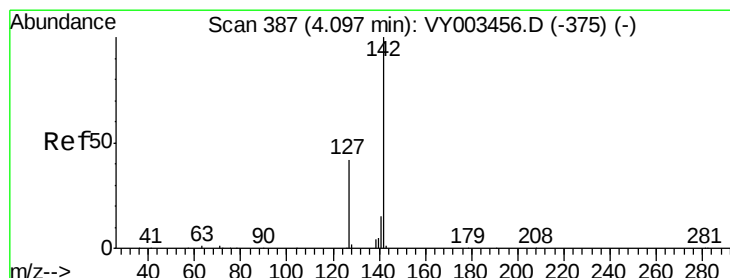
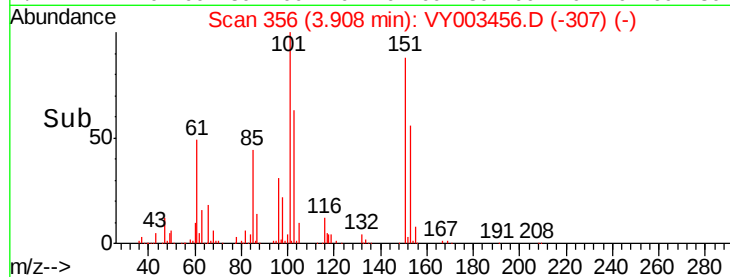
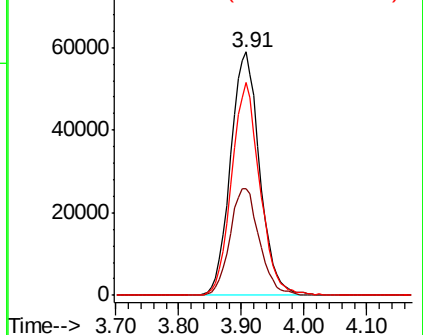
101 100

85 44.4 35.5 53.3

151 84.9 67.9 101.9



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: 26.591 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

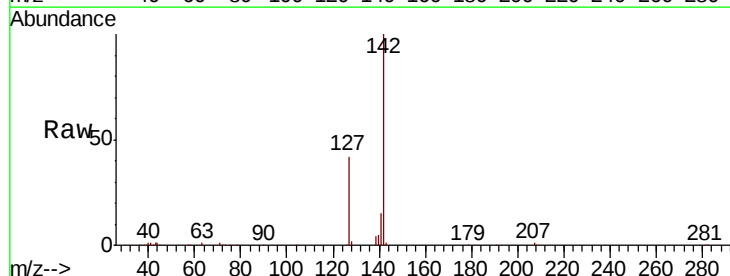
Tgt Ion:142 Resp: 122694

Ion Ratio Lower Upper

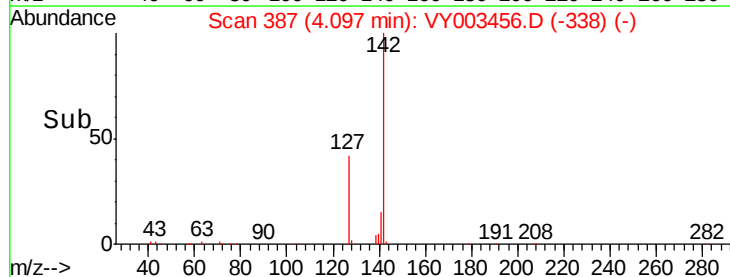
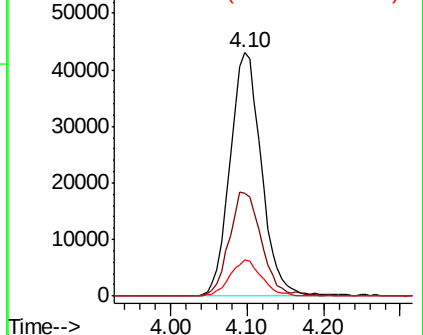
142 100

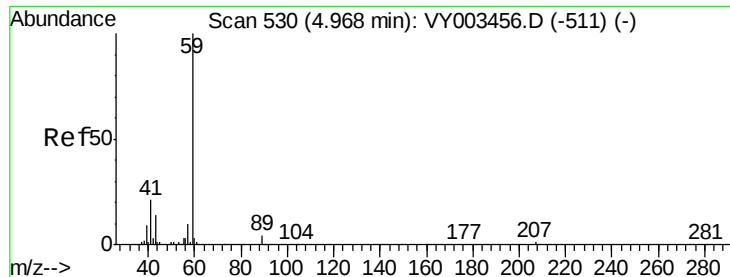
127 43.6 34.9 52.3

141 14.9 11.9 17.9



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

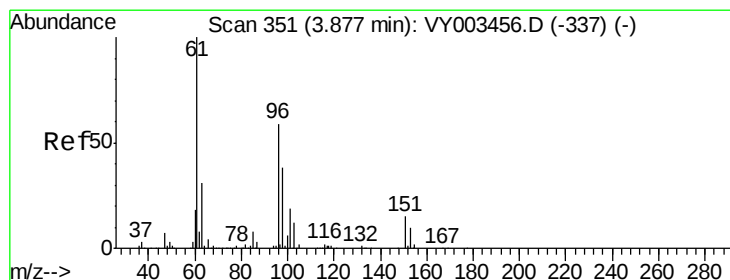
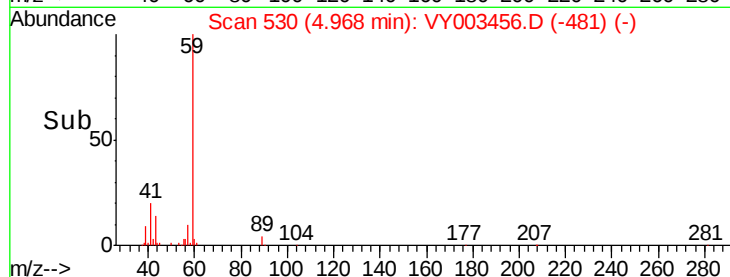
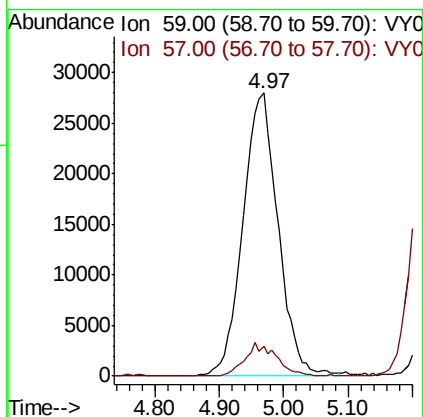
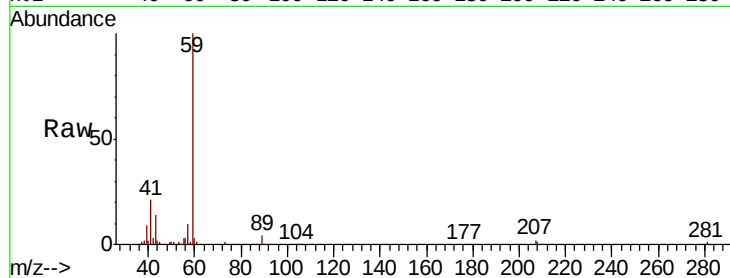




#11
Tert butyl alcohol
Concen: 211.817 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

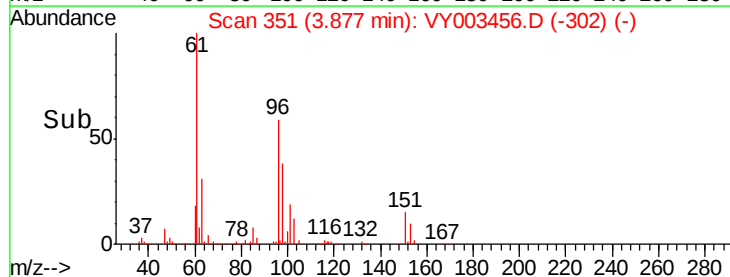
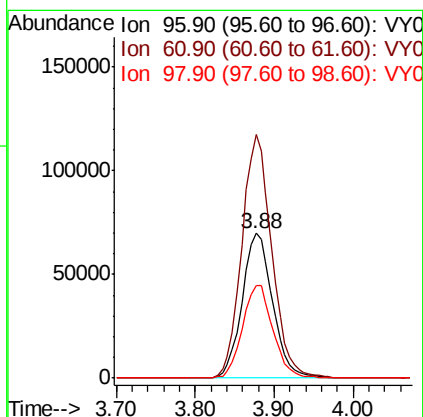
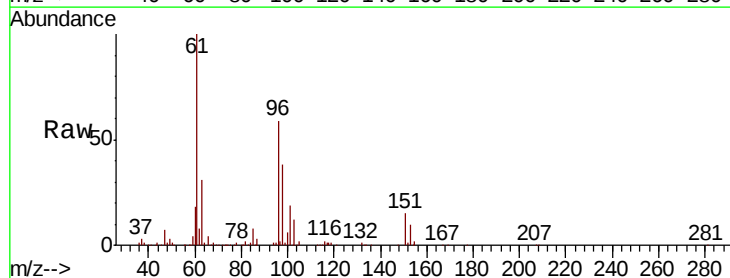
Instrument :
MSVOA_Y
ClientSampleId :

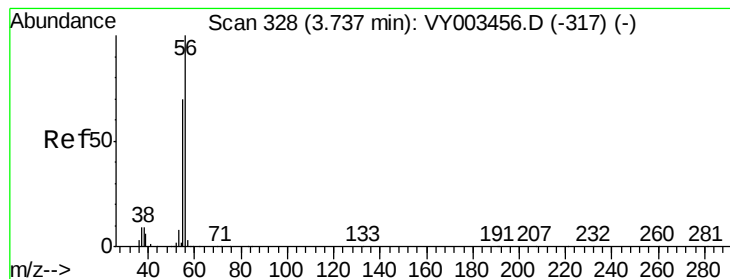
Tot Ion: 59 Resp: 105188
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.993 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 96 Resp: 188025
Ion Ratio Lower Upper
96 100
61 168.3 134.6 202.0
98 63.9 51.1 76.7





#13

Acrolein

Concen: 228.556 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

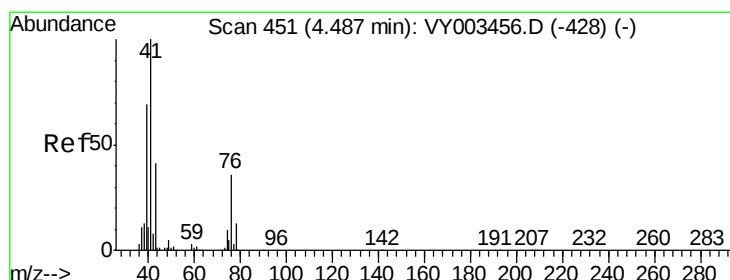
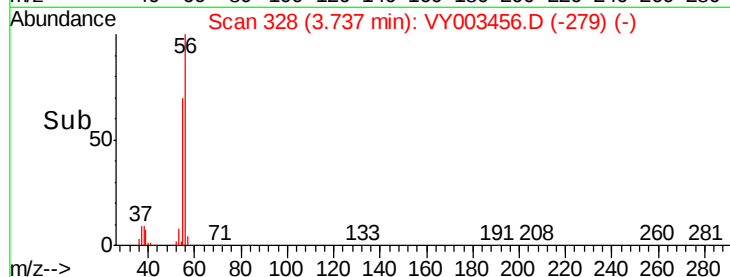
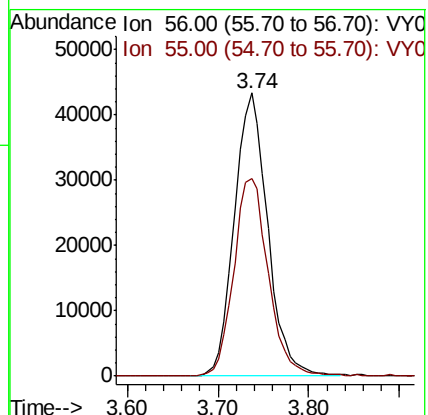
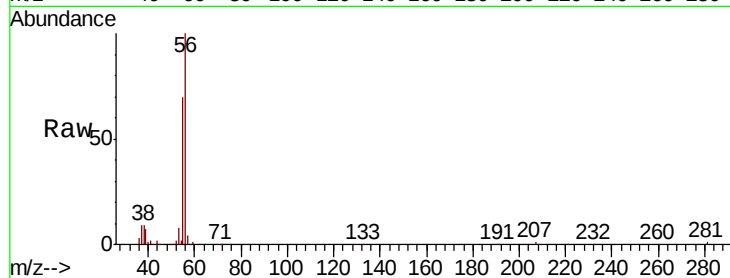
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 110638

Ion Ratio Lower Upper

56 100

55 72.4 57.9 86.9



#14

Allyl chloride

Concen: 47.890 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

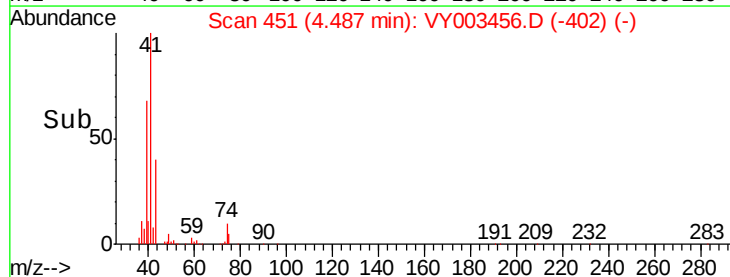
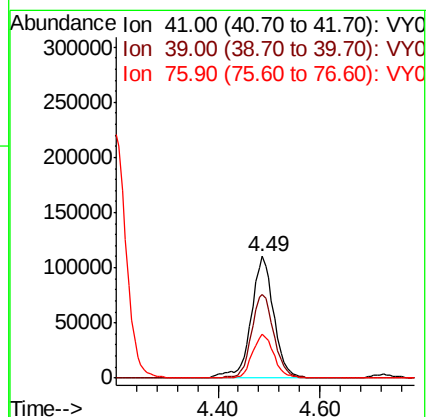
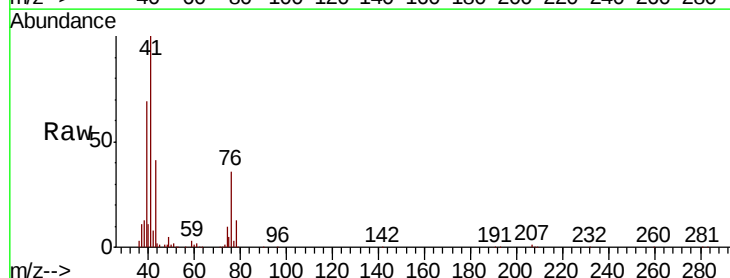
Tgt Ion: 41 Resp: 339782

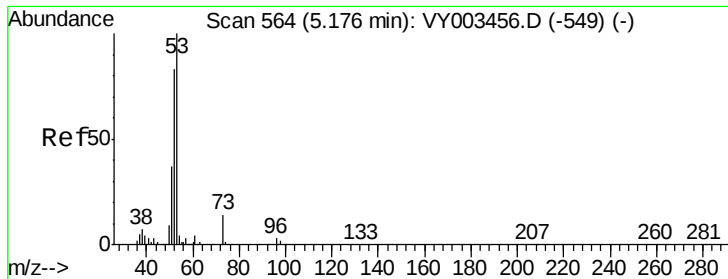
Ion Ratio Lower Upper

41 100

39 68.3 54.6 82.0

76 34.4 27.5 41.3





#15

Acrylonitrile

Concen: 216.210 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

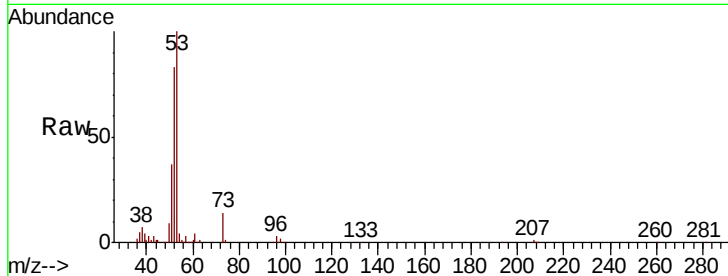
Tot Ion: 53 Resp: 269380

Ion Ratio Lower Upper

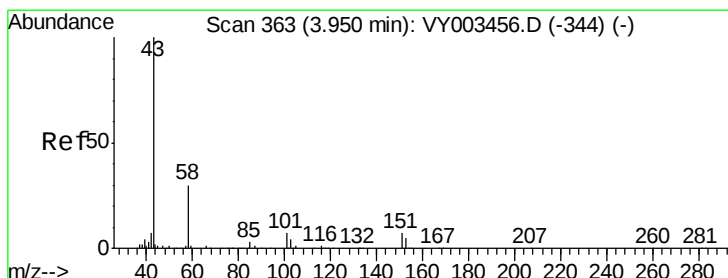
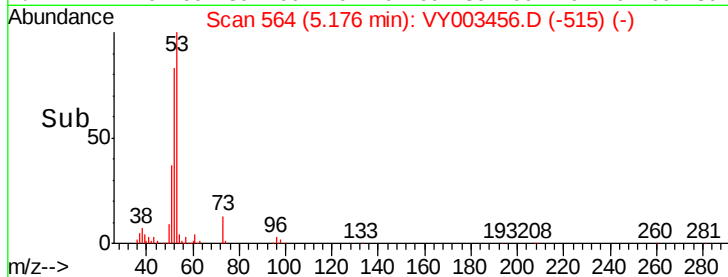
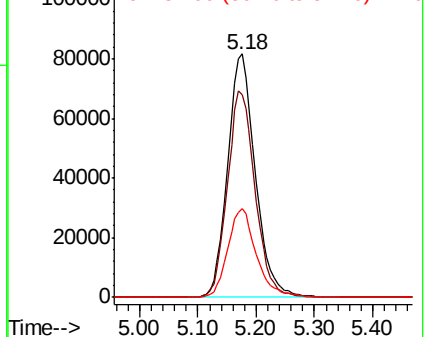
53 100

52 84.8 67.8 101.8

51 37.6 30.1 45.1



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: 262.687 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003456.D

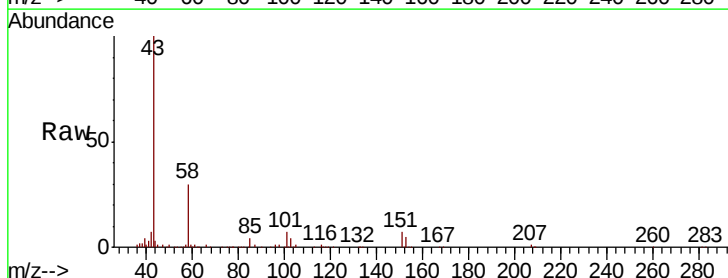
Acq: 05 Oct 2020 16:12

Tgt Ion: 43 Resp: 302231

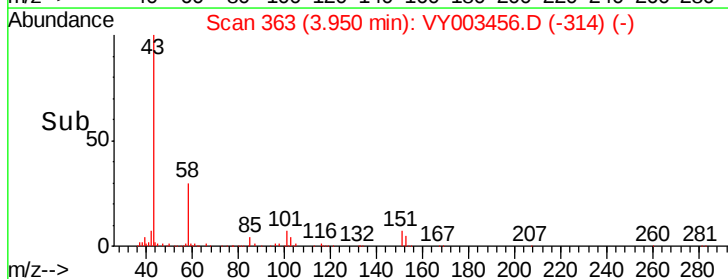
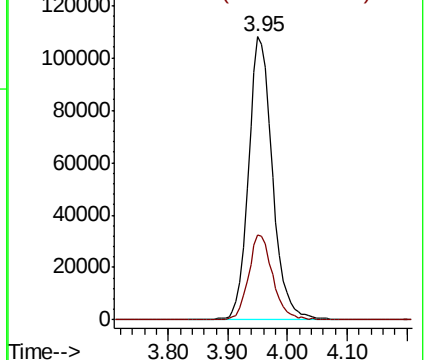
Ion Ratio Lower Upper

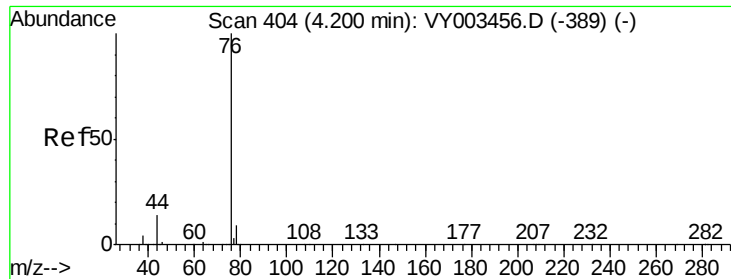
43 100

58 29.8 23.8 35.8



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

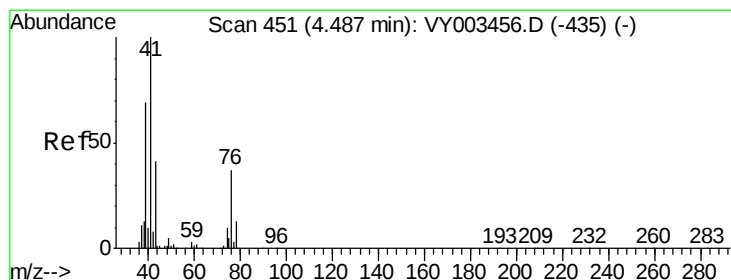
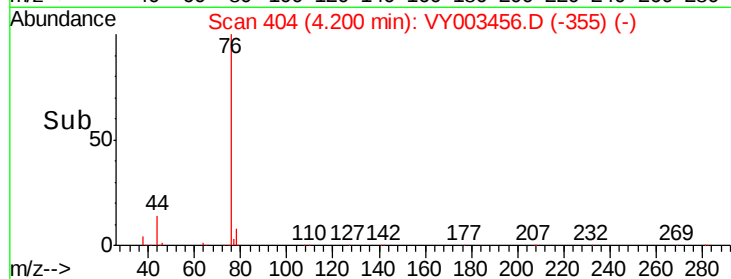
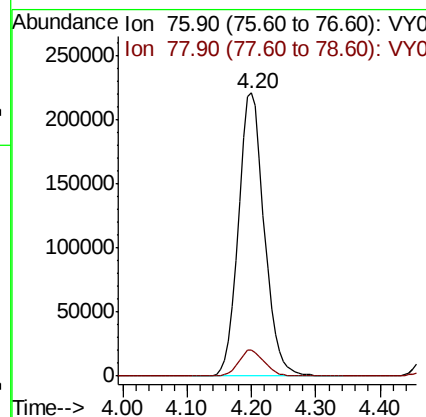
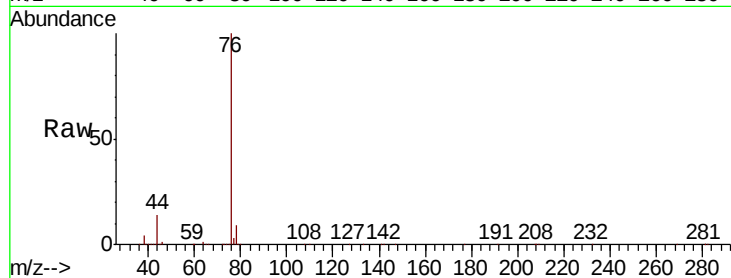




#17
Carbon Disulfide
Concen: 45.062 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

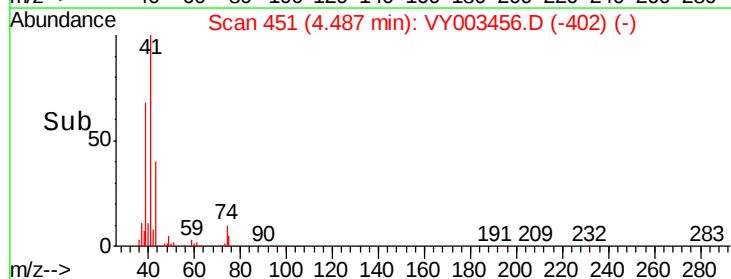
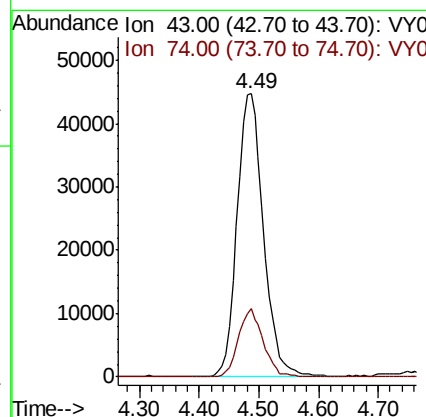
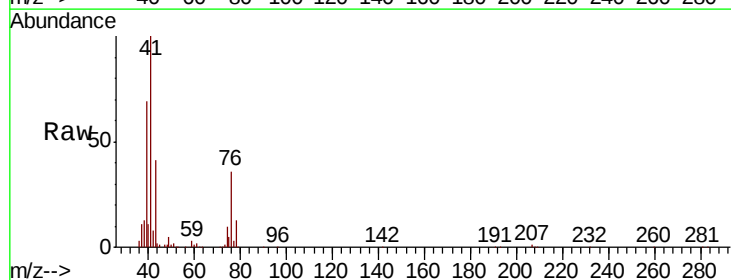
Instrument :
MSVOA_Y
ClientSampleId :

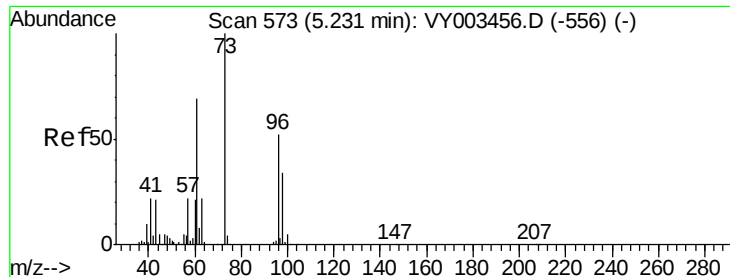
Tot Ion: 76 Resp: 614922
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.954 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 43 Resp: 138129
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0

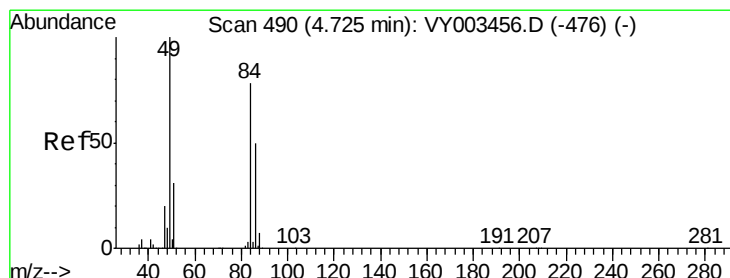
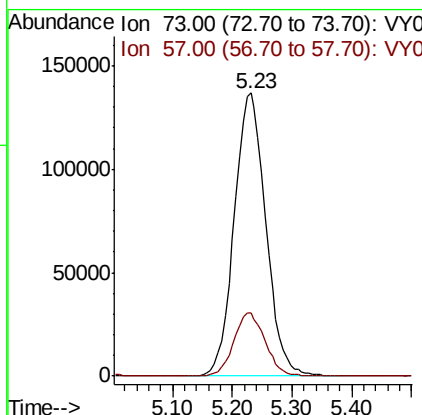
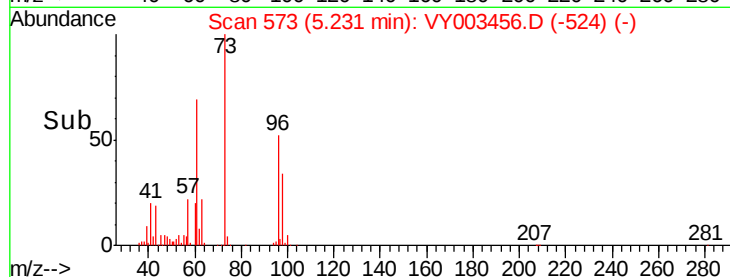
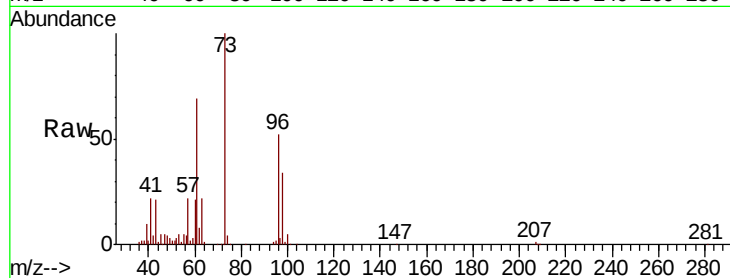




#19
Methvl tert-butvl Ether
Concen: 43.576 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

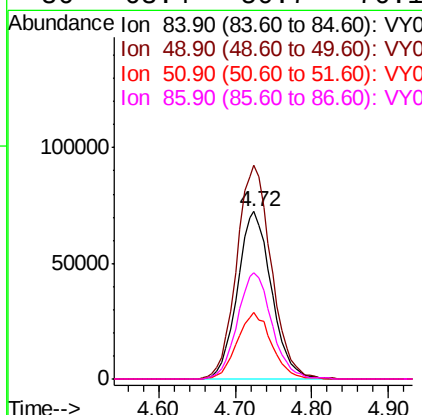
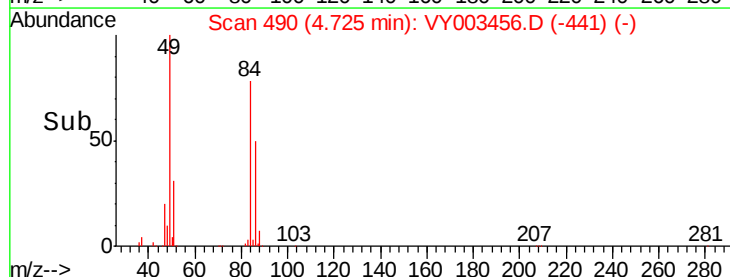
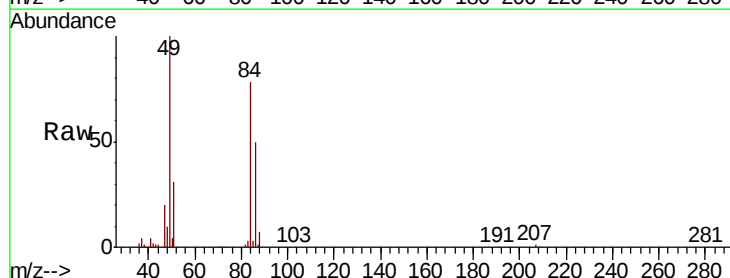
Instrument :
MSVOA_Y
ClientSampleId :

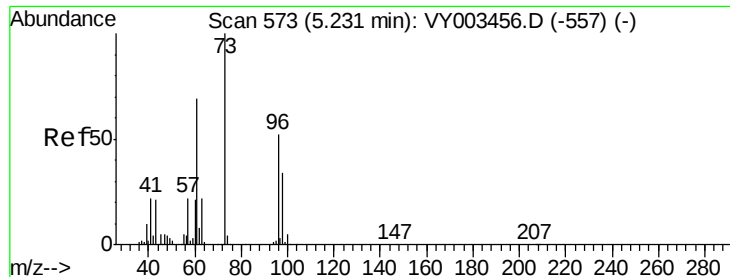
Tot Ion: 73 Resp: 502374
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 29.375 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 84 Resp: 223985
Ion Ratio Lower Upper
84 100
49 127.7 102.2 153.2
51 40.0 32.0 48.0
86 63.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 45.787 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

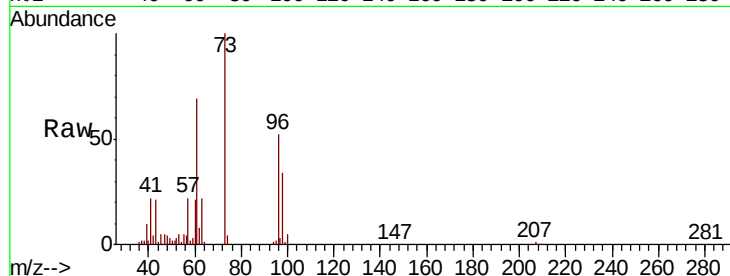
Tot Ion: 96 Resp: 218135

Ion Ratio Lower Upper

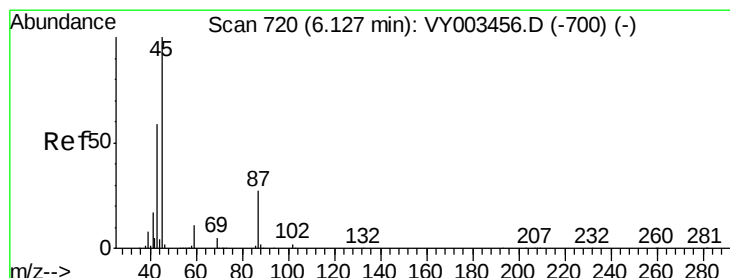
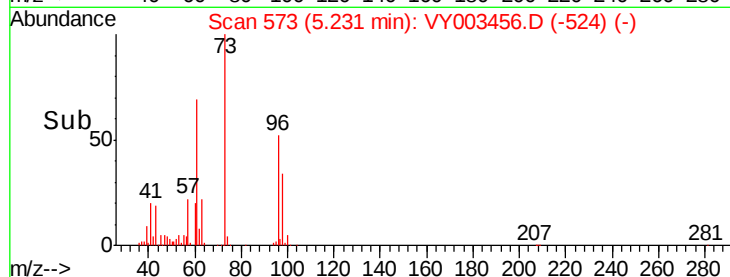
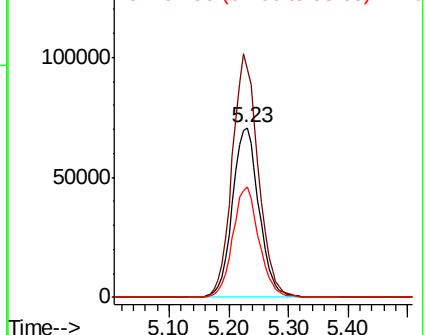
96 100

61 134.5 107.6 161.4

98 65.1 52.1 78.1



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: 43.645 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion: 45 Resp: 639027

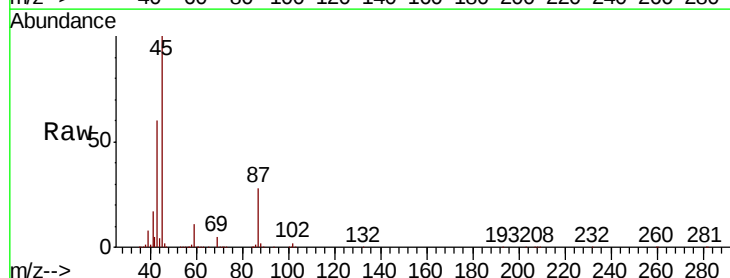
Ion Ratio Lower Upper

45 100

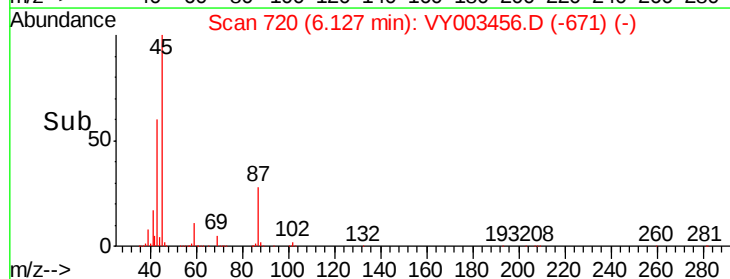
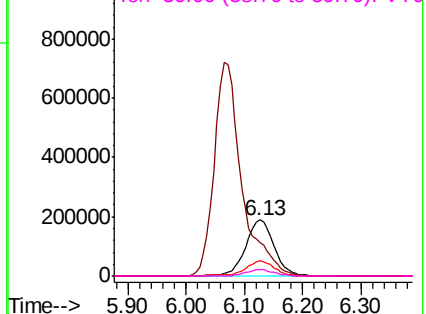
43 59.4 47.5 71.3

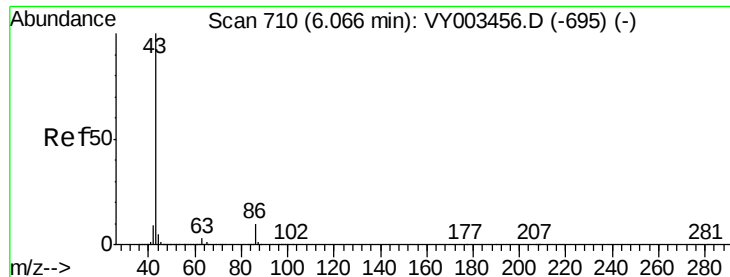
87 27.7 22.2 33.2

59 11.2 9.0 13.4



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: 242.089 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

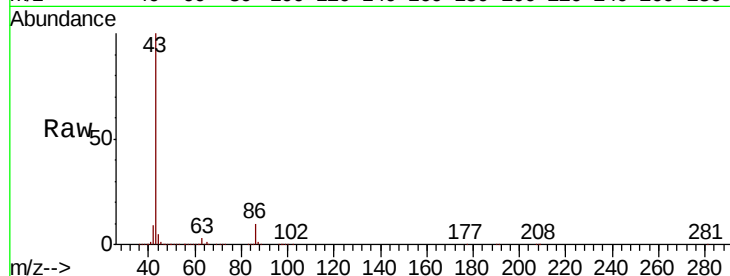
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2361272

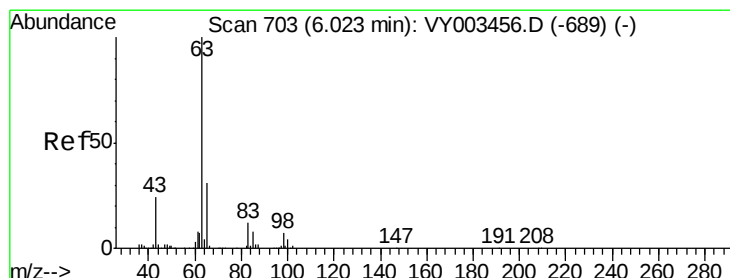
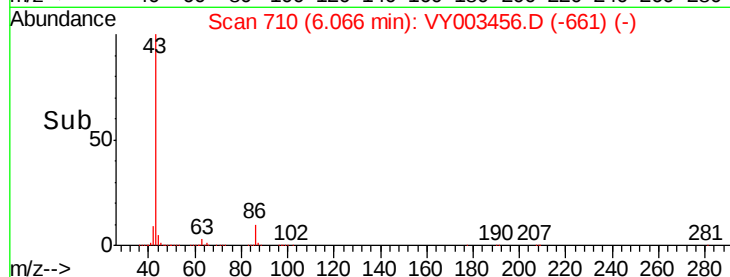
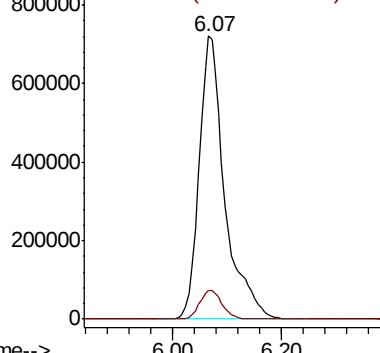
Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



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



#24

1,1-Dichloroethane

Concen: 46.732 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

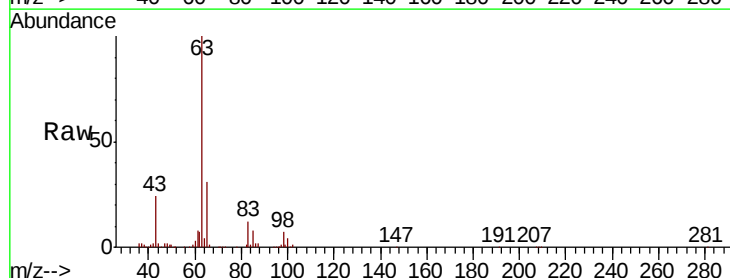
Tgt Ion: 63 Resp: 388520

Ion Ratio Lower Upper

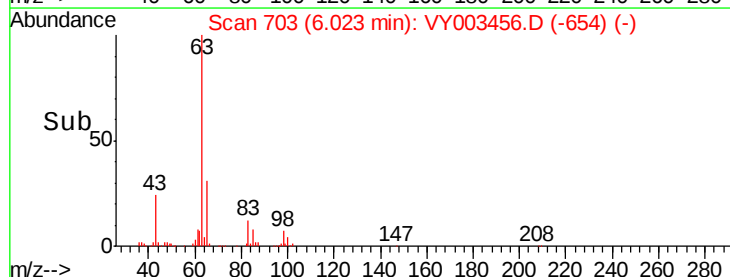
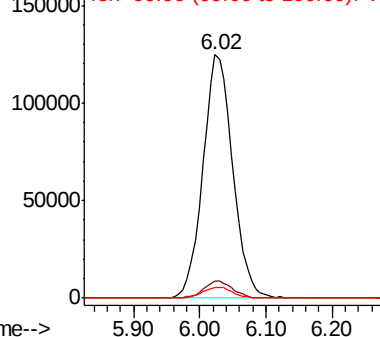
63 100

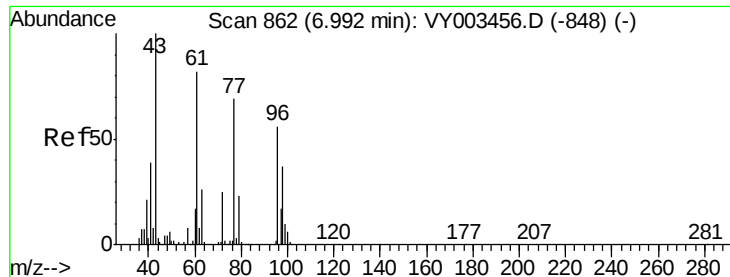
98 6.8 3.4 10.2

100 4.4 2.2 6.6



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

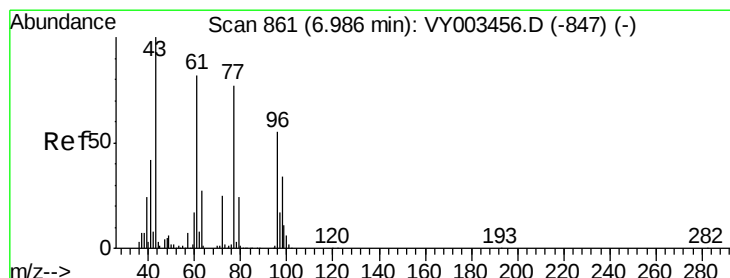
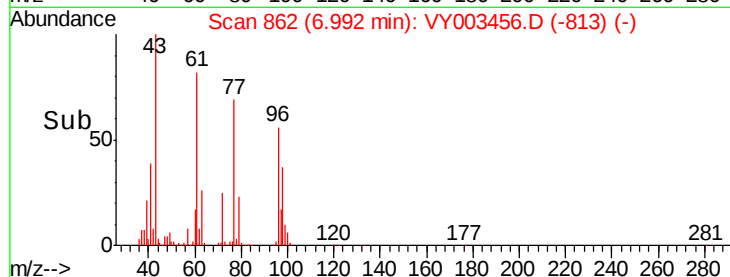
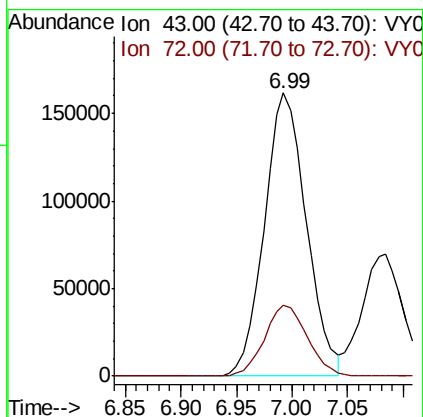
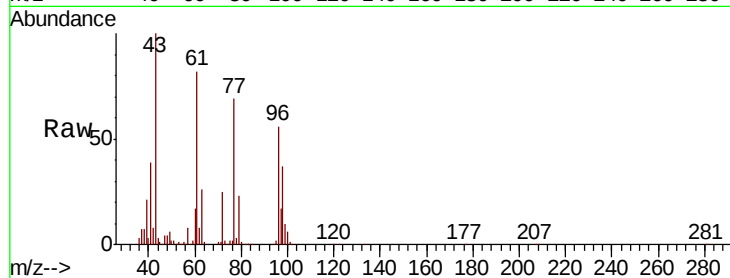




#25
2-Butanone
Concen: 244.788 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

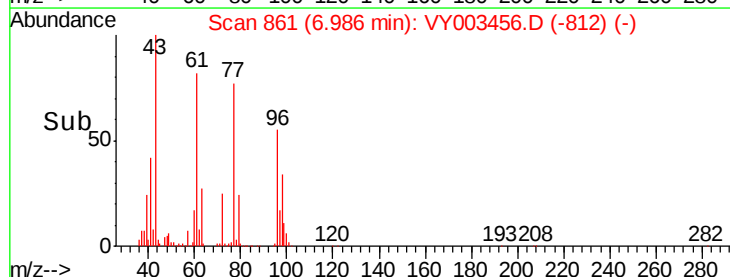
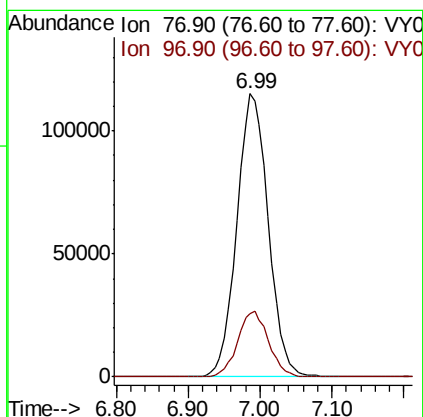
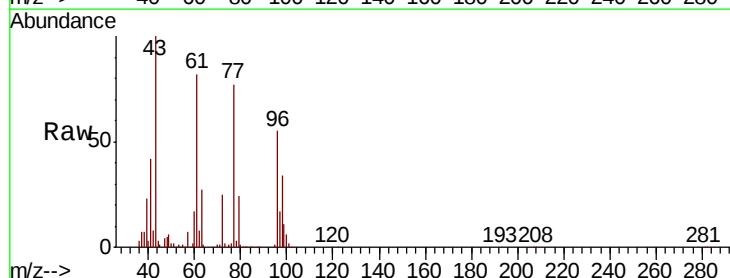
Instrument :
MSVOA_Y
ClientSampled :

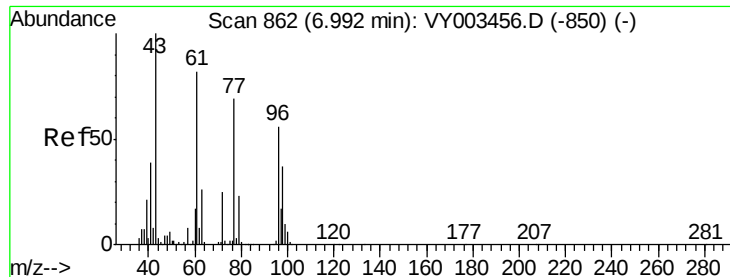
Tot Ion: 43 Resp: 424714
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0



#26
2,2-Dichloropropane
Concen: 46.922 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 77 Resp: 348491
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2



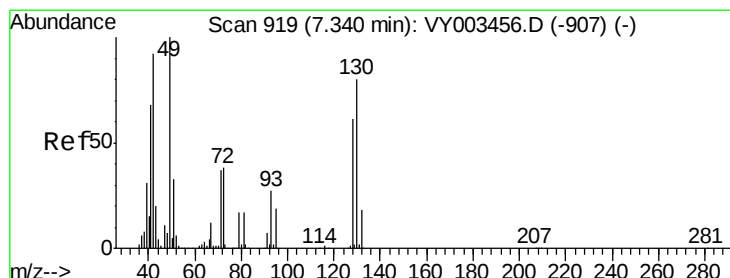
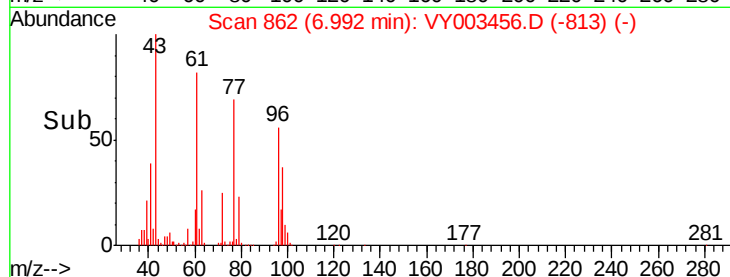
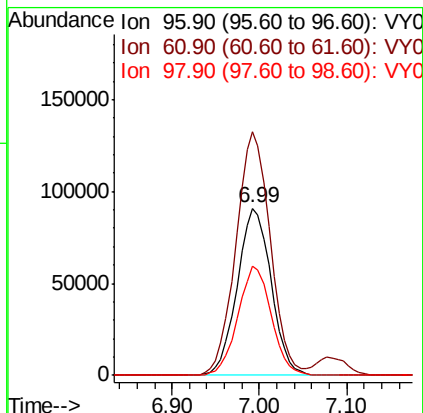
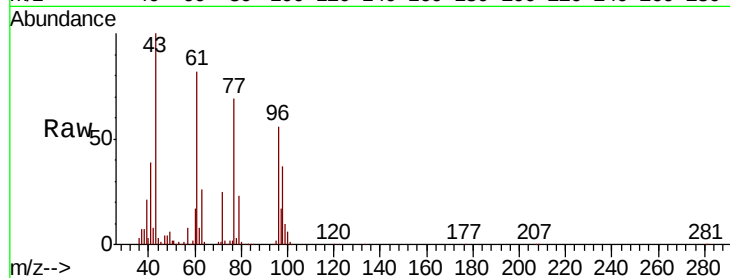


#27

cis-1,2-Dichloroethene
 Concen: 46.762 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :

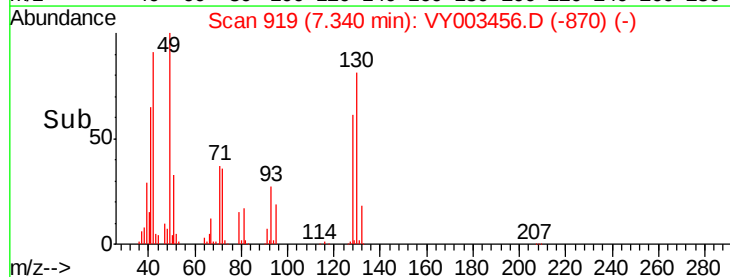
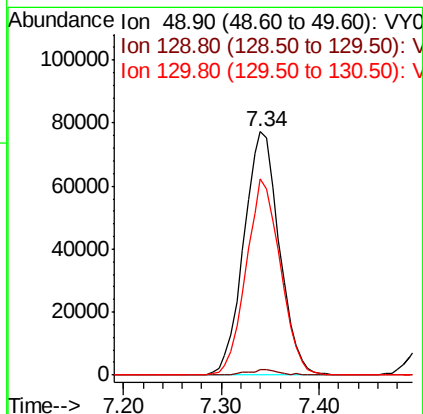
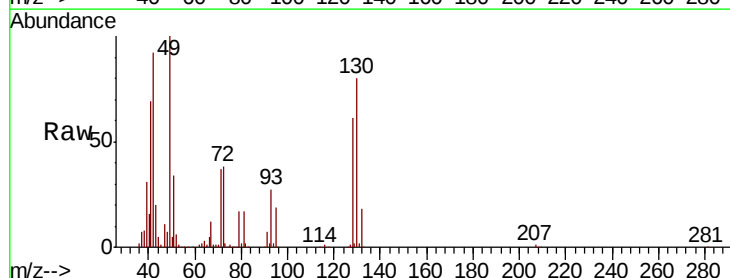
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	295.2
98	64.5	0.0	129.0

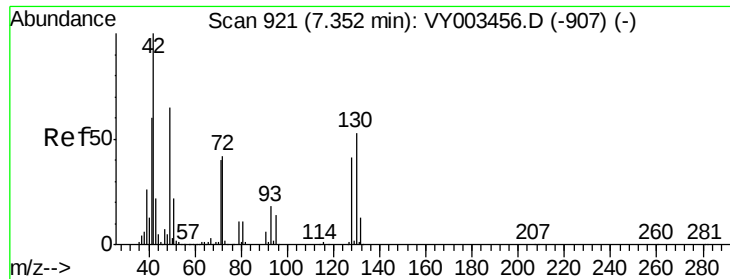


#28

Bromochloromethane
 Concen: 56.976 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	78.0	62.4	93.6

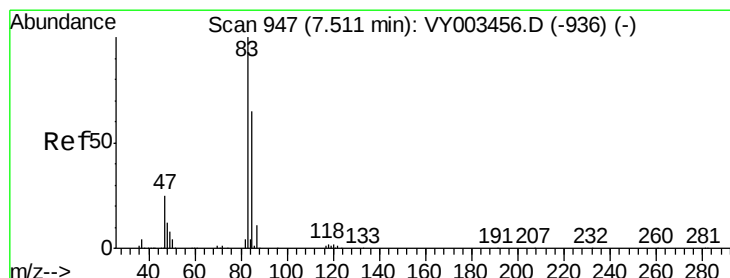
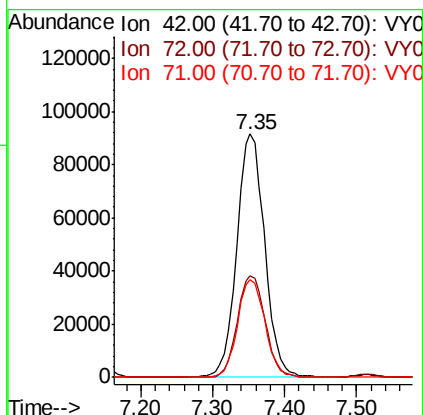
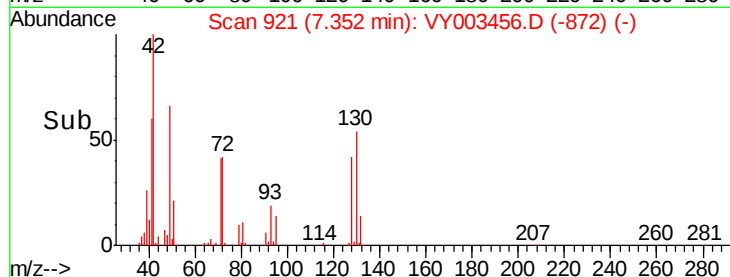
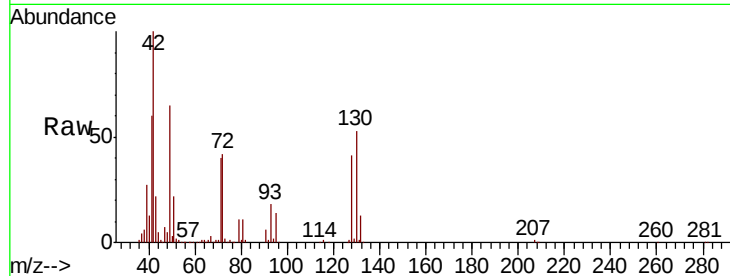




#29
Tetrahydrofuran
Concen: 221.624 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

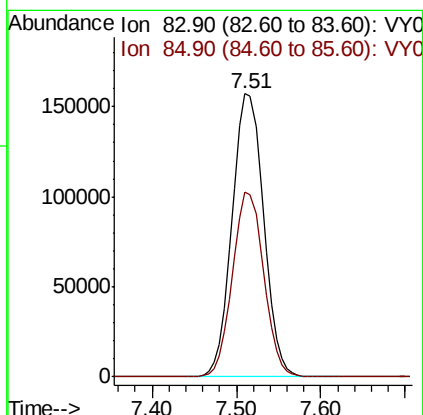
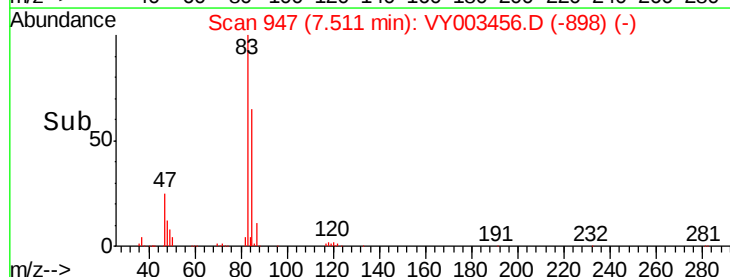
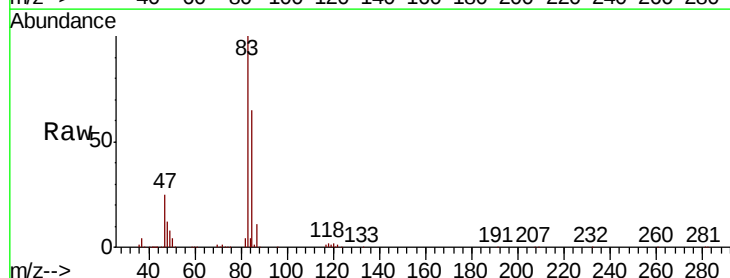
Instrument :
MSVOA_Y
ClientSampleId :

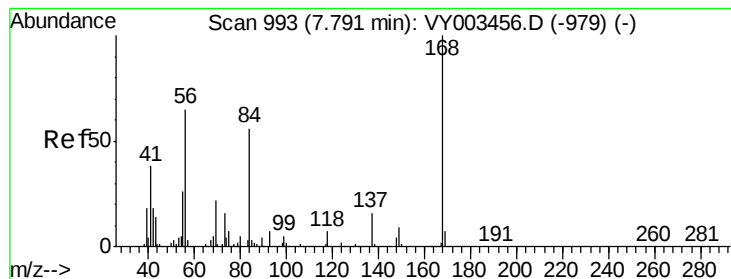
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.3	49.9
71	39.6	31.7	47.5



#30
Chloroform
Concen: 48.130 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4





#31

Cyclohexane

Concen: 41.522 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

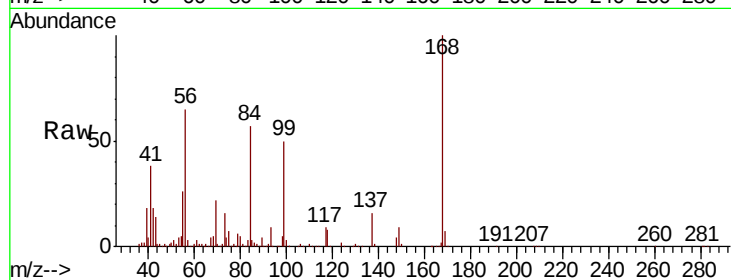
Tot Ion: 56 Resp: 330513

Ion Ratio Lower Upper

56 100

69 33.5 26.8 40.2

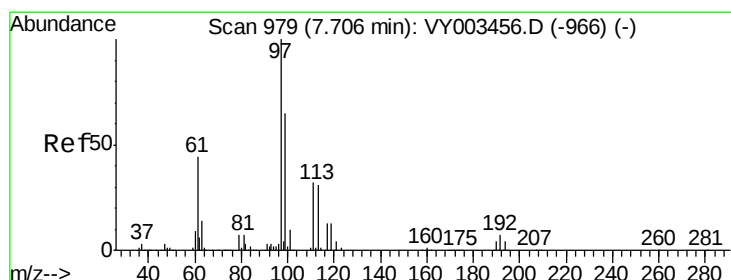
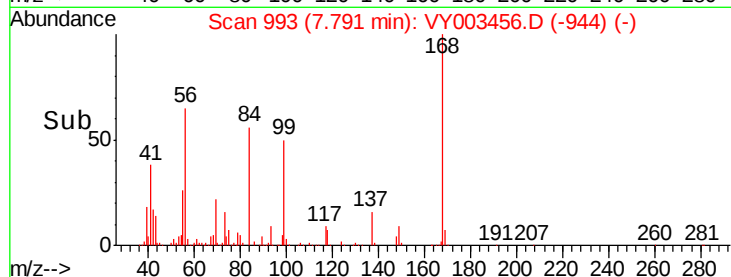
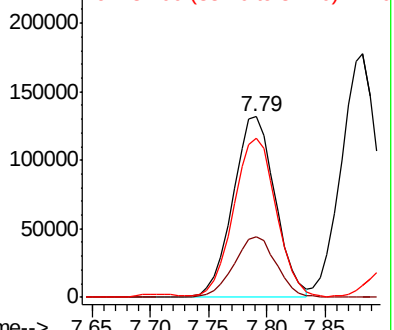
84 86.4 69.1 103.7



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: 48.304 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

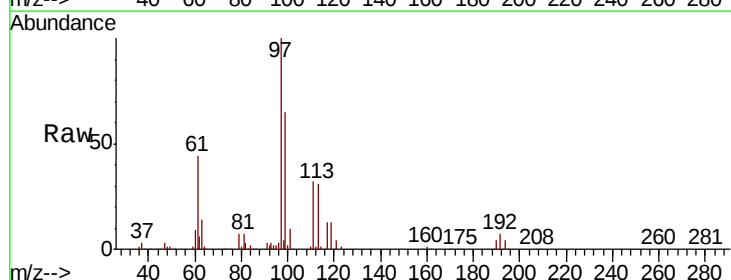
Tgt Ion: 97 Resp: 365341

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

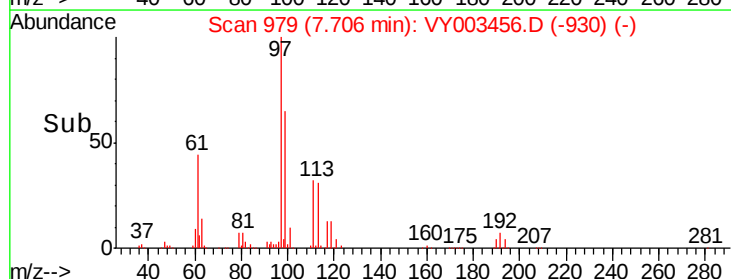
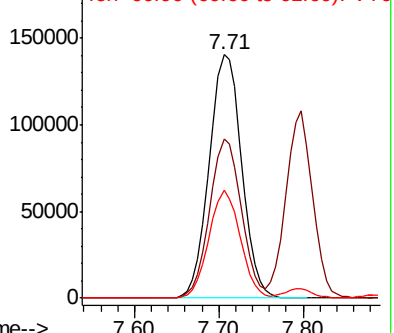
61 43.0 34.4 51.6

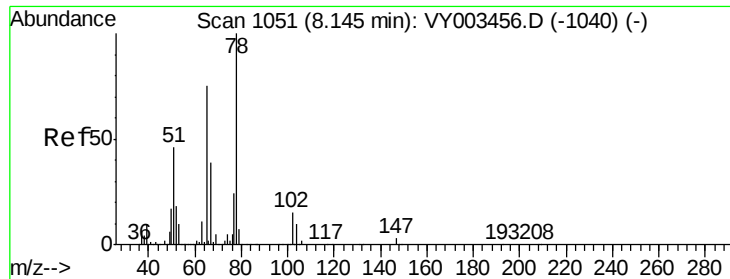


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

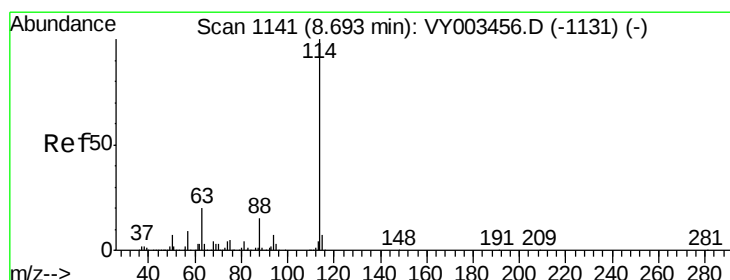
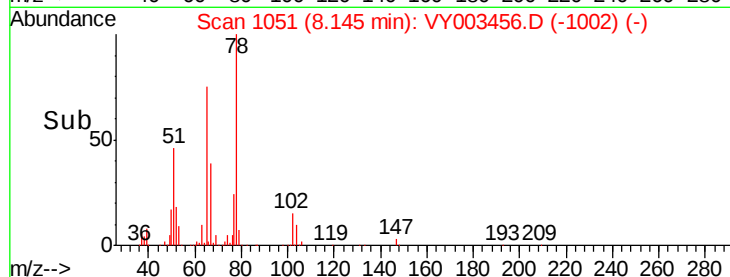
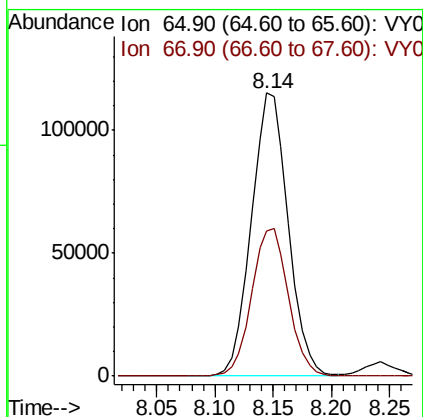
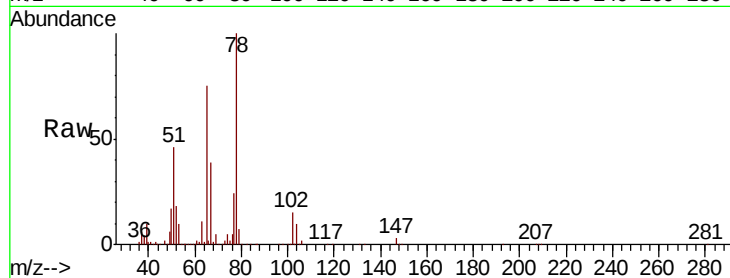




#33
 1,2-Dichloroethane-d4
 Concen: 54.692 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

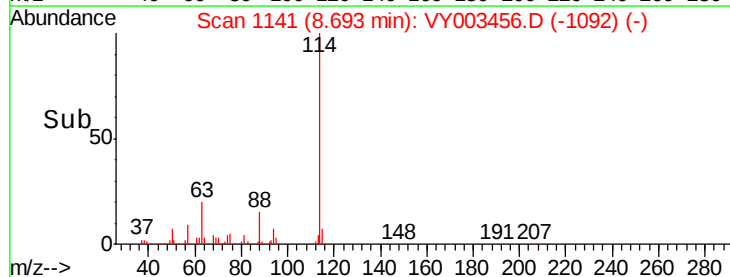
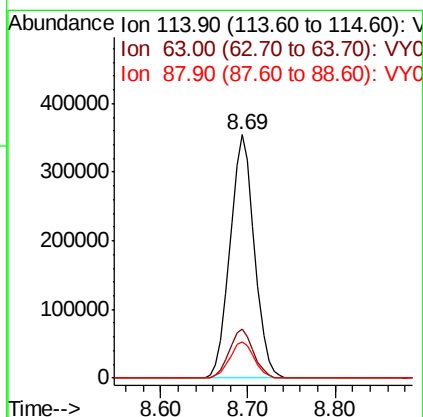
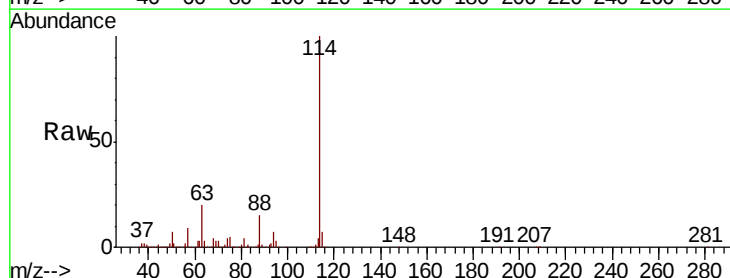
Instrument :
 MSVOA_Y
 ClientSampled :

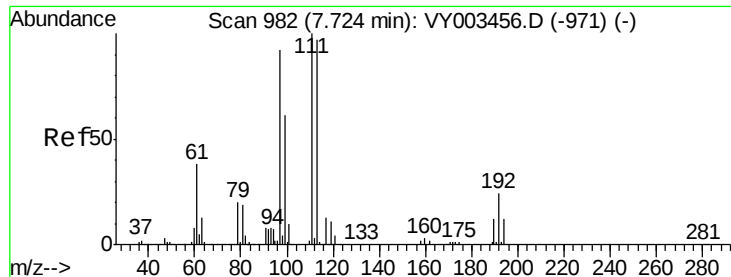
Tot Ion: 65 Resp: 254088
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion: 114 Resp: 684300
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.0 0.0 30.0

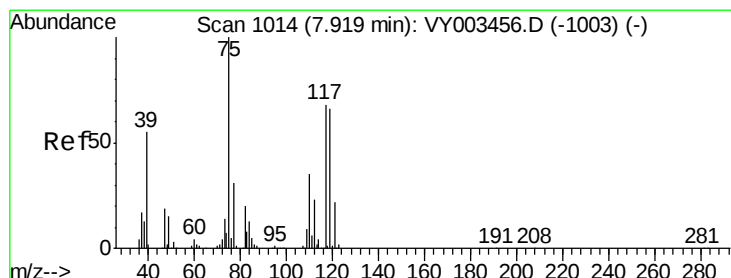
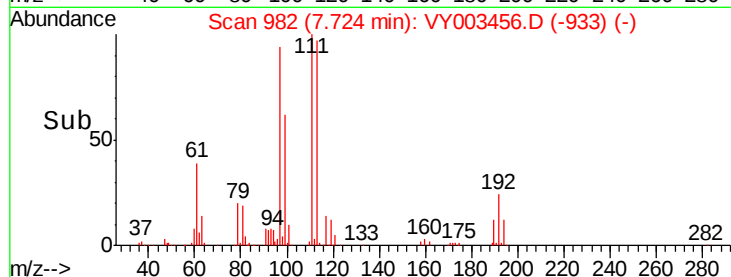
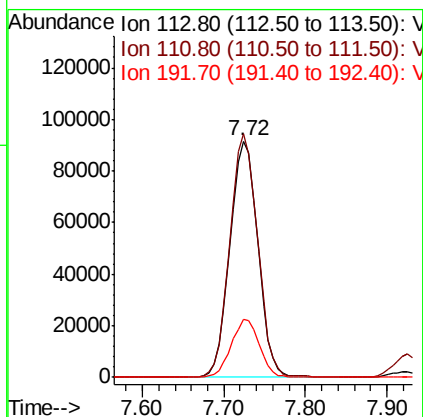
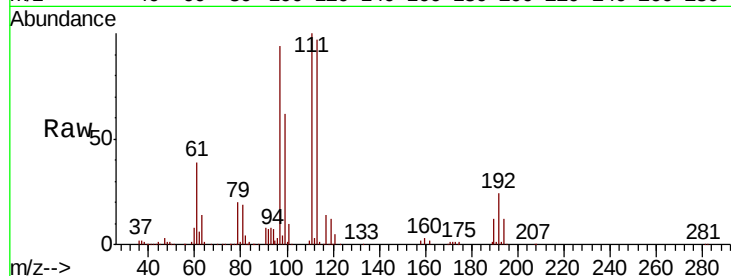




#35
 Dibromofluoromethane
 Concen: 53.786 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

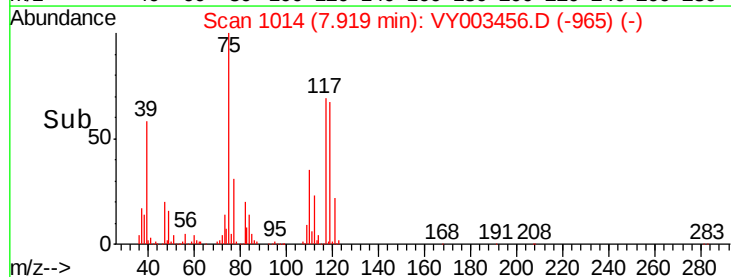
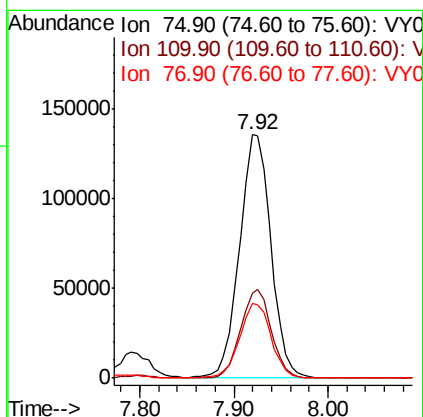
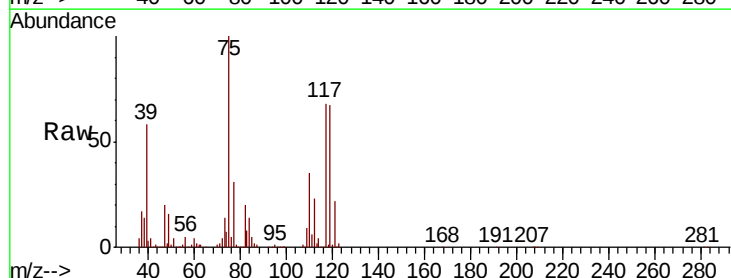
Instrument :
 MSVOA_Y
 ClientSampleId :

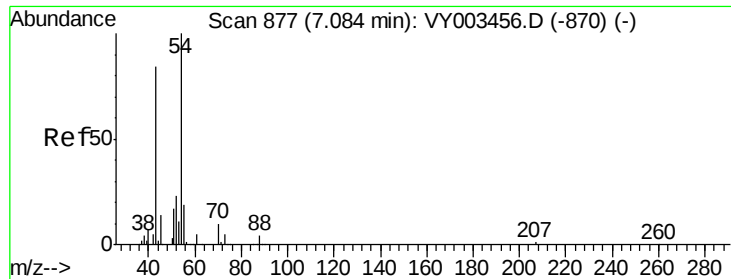
Tot Ion:113 Resp: 216660
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 24.7 19.8 29.6



#36
 1,1-Dichloropropene
 Concen: 48.991 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion: 75 Resp: 314466
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.3
 77 31.0 24.8 37.2

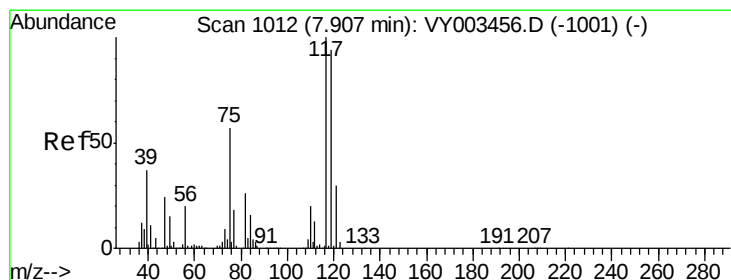
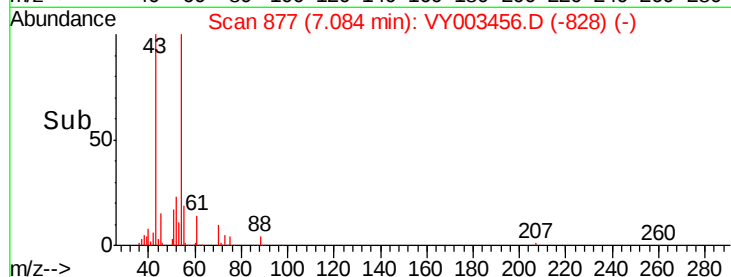
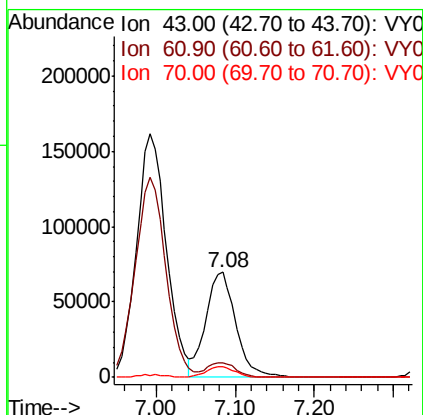
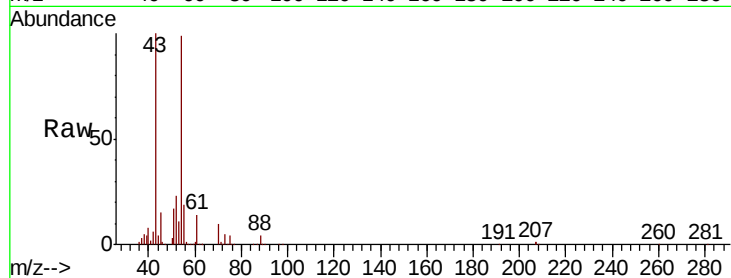




#37
Ethyl Acetate
Concen: 50.032 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

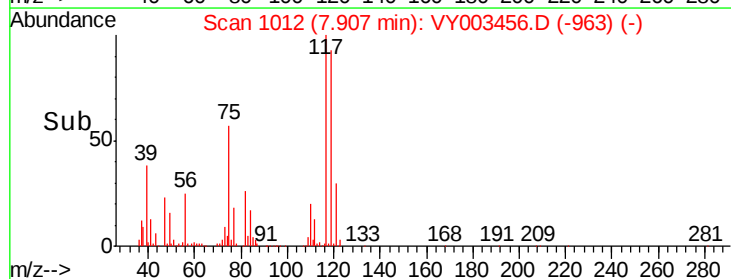
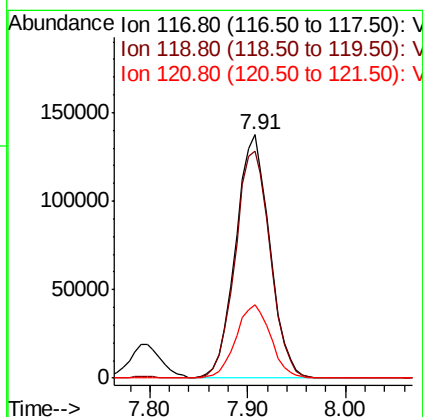
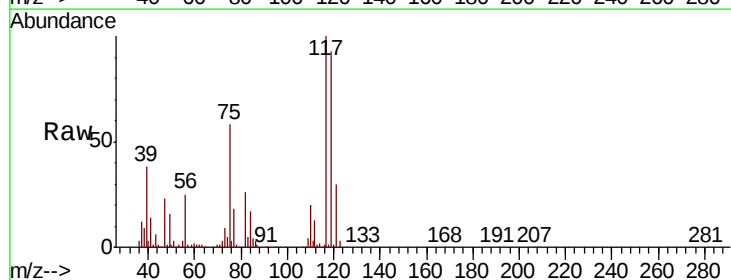
Instrument :
MSVOA_Y
ClientSampled :

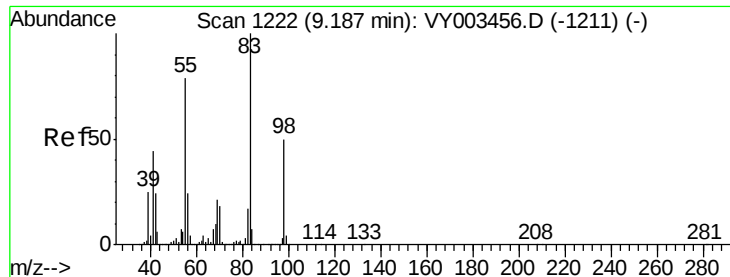
Tot Ion: 43 Resp: 184307
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 50.041 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 117 Resp: 331640
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 30.4 24.3 36.5

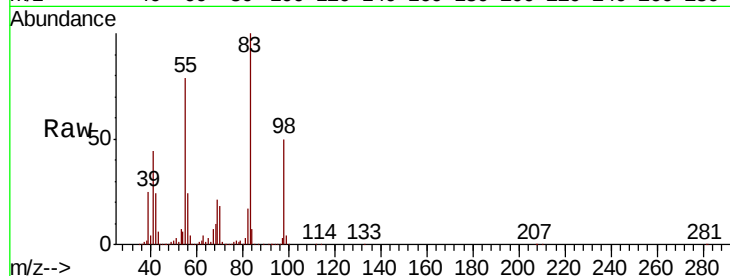




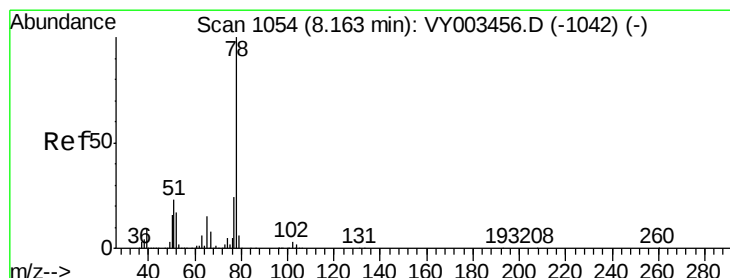
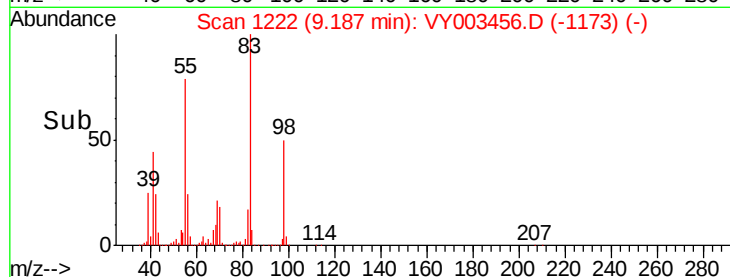
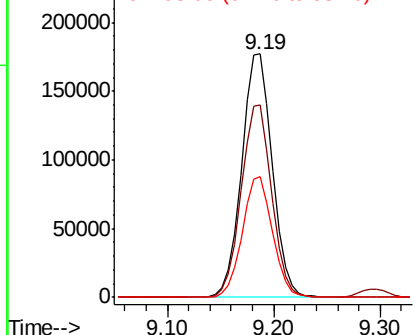
#39
Methylvlcyclohexane
Concen: 46.253 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 357788
Ion Ratio Lower Upper
83 100
55 78.8 63.0 94.6
98 49.6 39.7 59.5

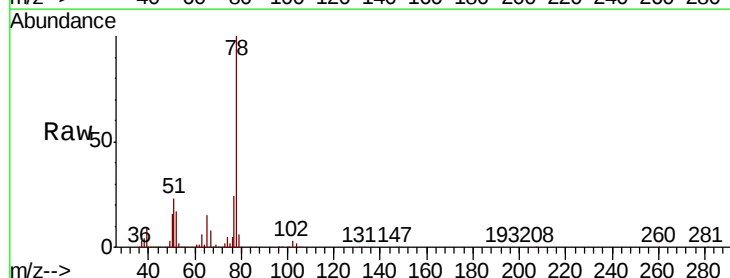


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

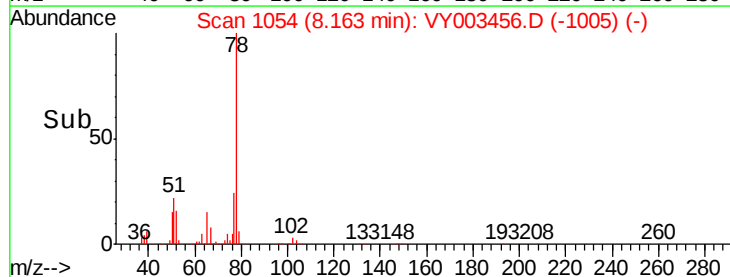
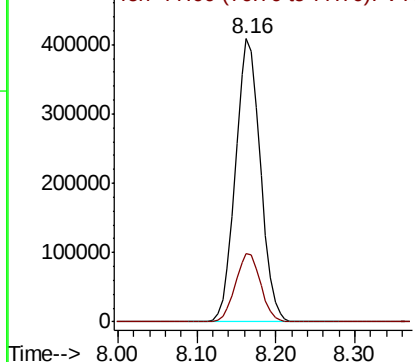


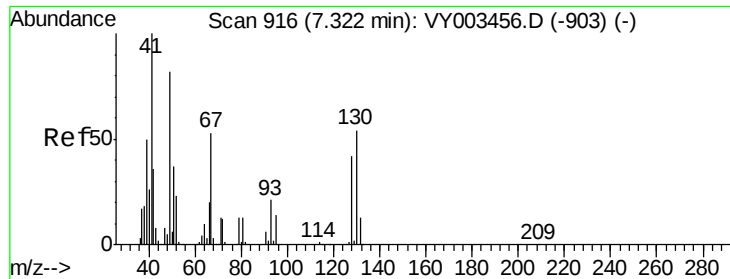
#40
Benzene
Concen: 49.955 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 78 Resp: 894303
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

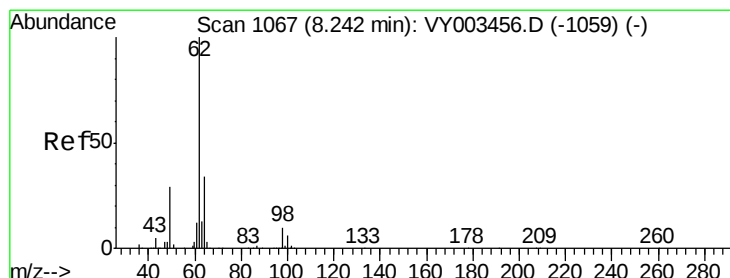
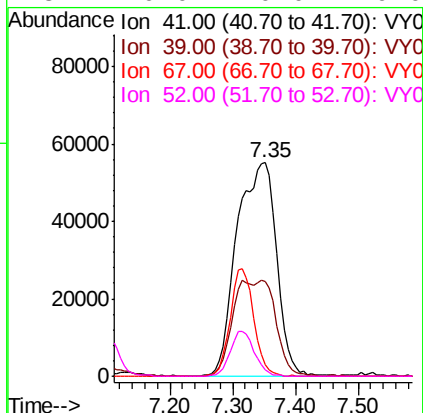
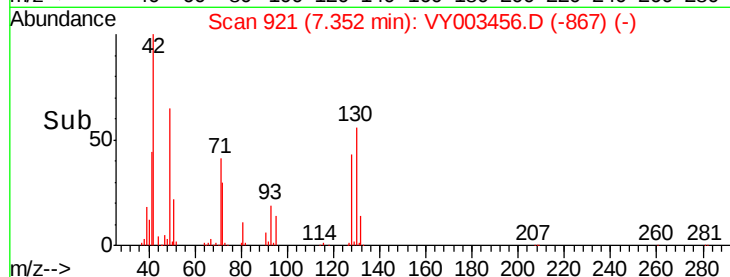
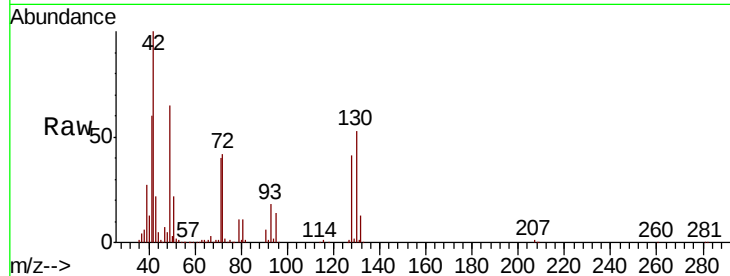




#41
Methacrylonitrile
Concen: 117.388 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

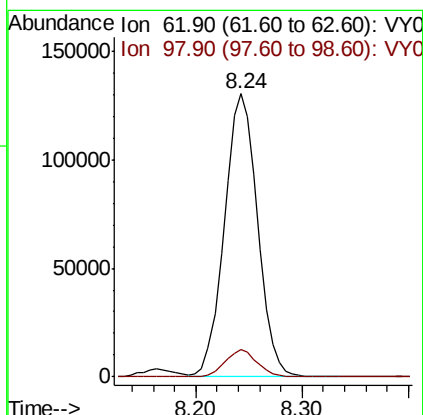
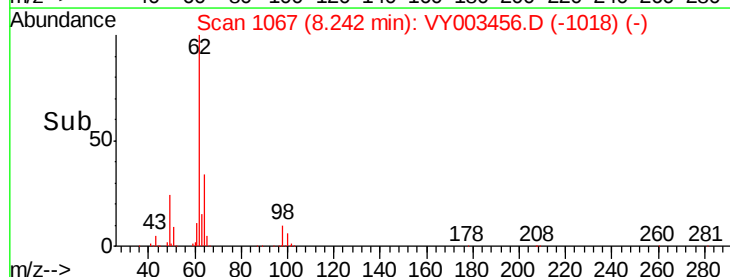
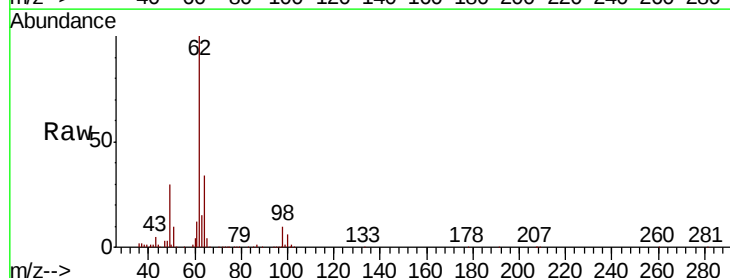
Instrument :
MSVOA_Y
ClientSampleId :

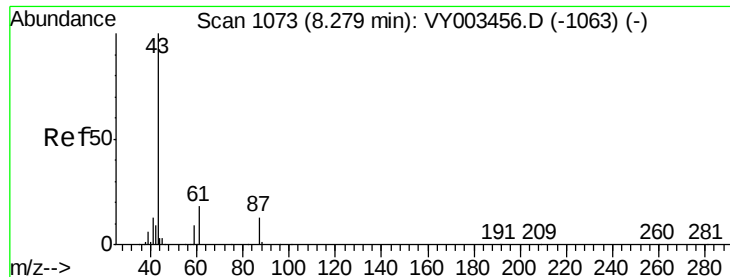
Tot Ion:	41	Resp:	241265
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.547 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:	62	Resp:	283437
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



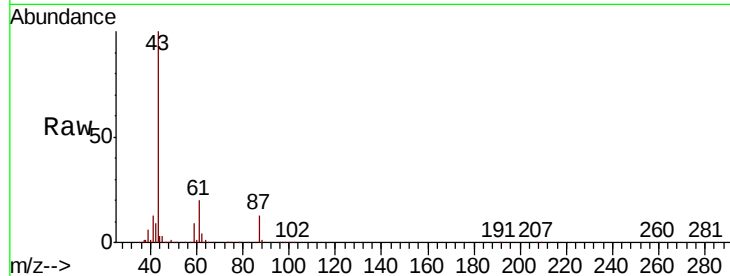


#43

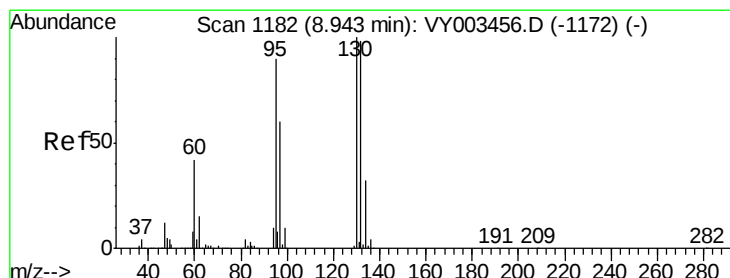
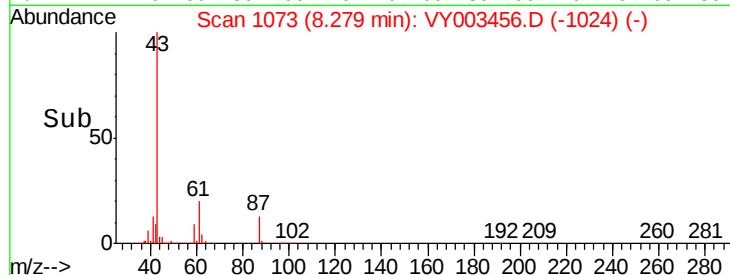
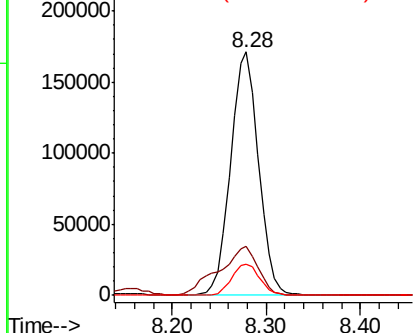
Isopropyl Acetate
 Concen: 50.484 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	13.0	10.4	15.6



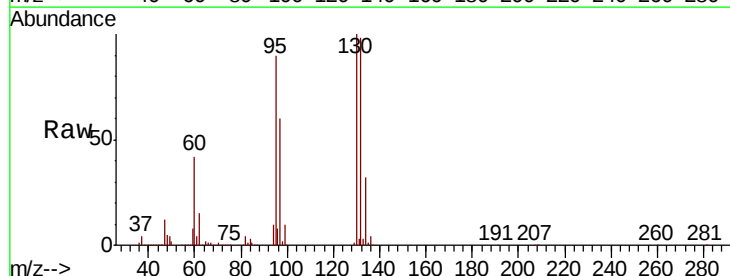
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



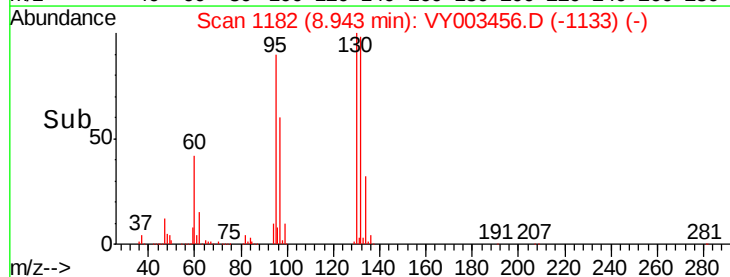
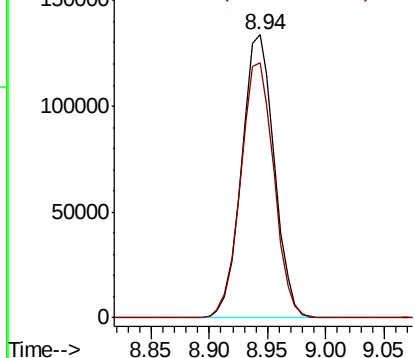
#44

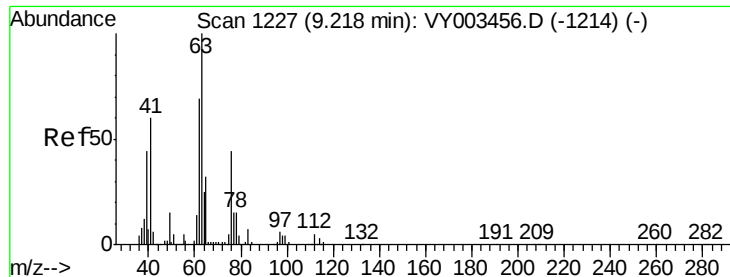
Trichloroethene
 Concen: 50.726 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.6



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





#45

1,2-Dichloropropane

Concen: 48.855 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

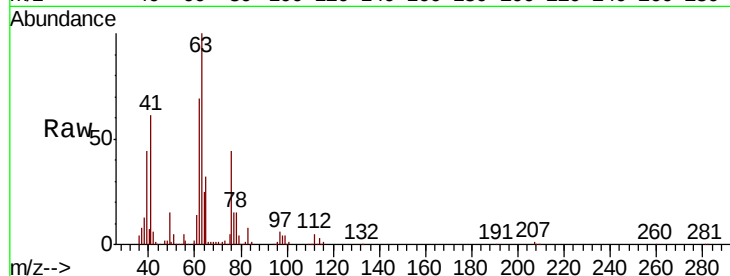
ClientSampled :

Tot Ion: 63 Resp: 227864

Ion Ratio Lower Upper

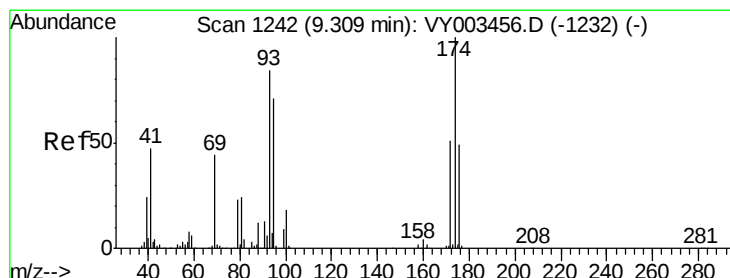
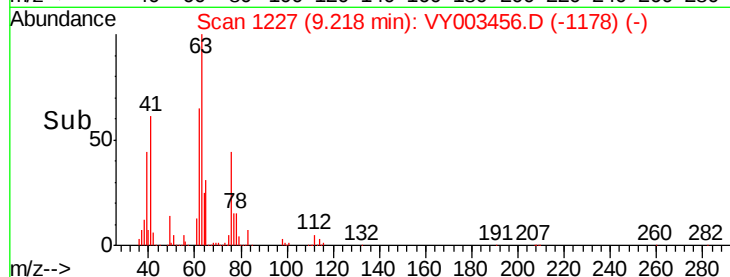
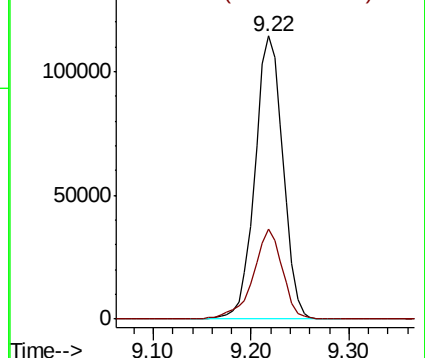
63 100

65 31.8 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.691 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

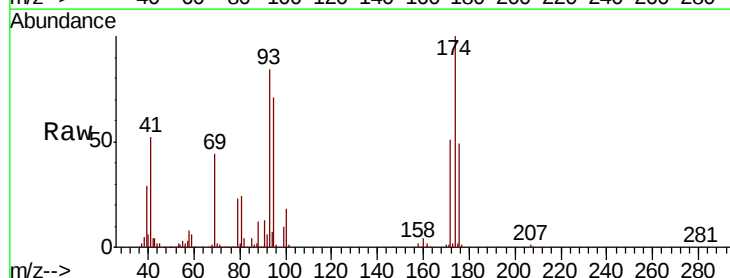
Tgt Ion: 93 Resp: 127986

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

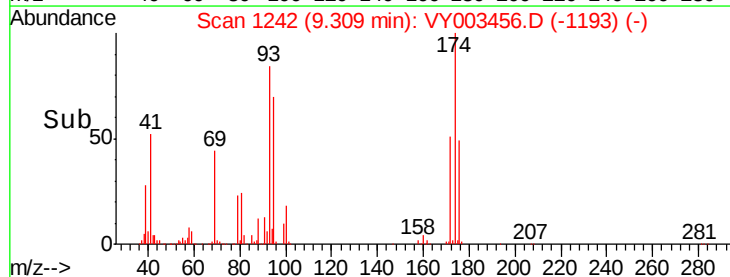
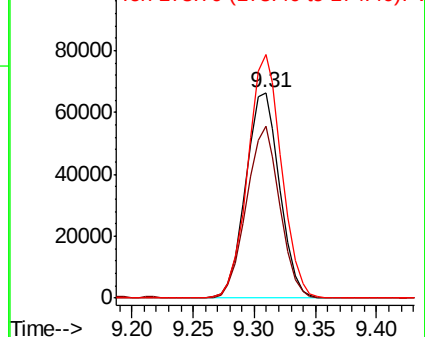
174 117.9 94.3 141.5

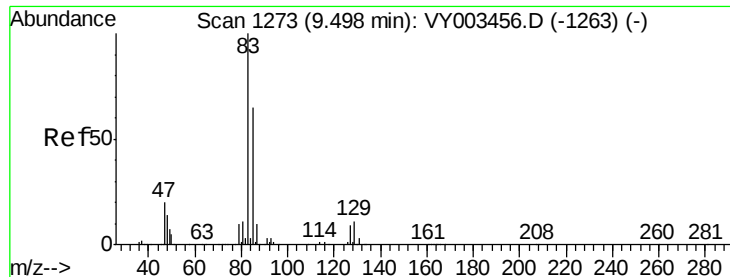


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.394 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

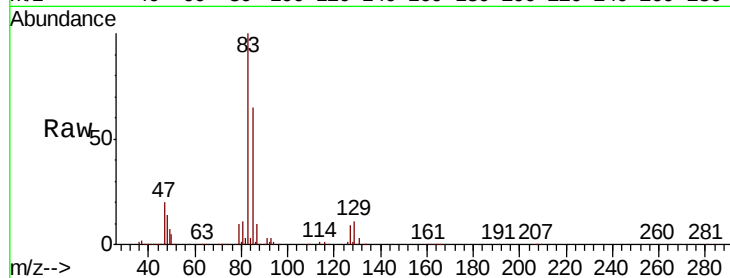
Tot Ion: 83 Resp: 312141

Ion Ratio Lower Upper

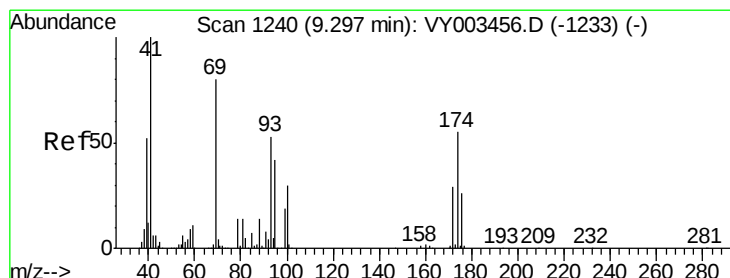
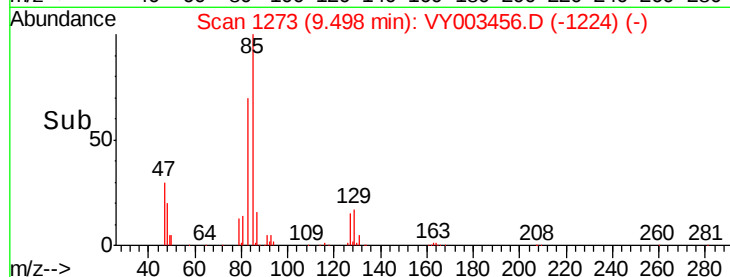
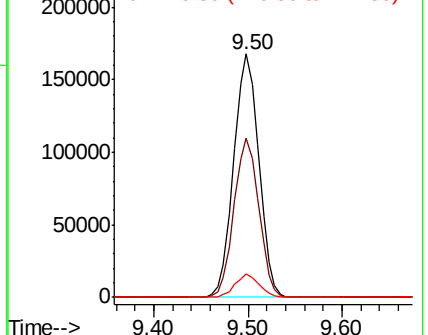
83 100

85 65.1 52.1 78.1

127 9.4 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 53.290 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

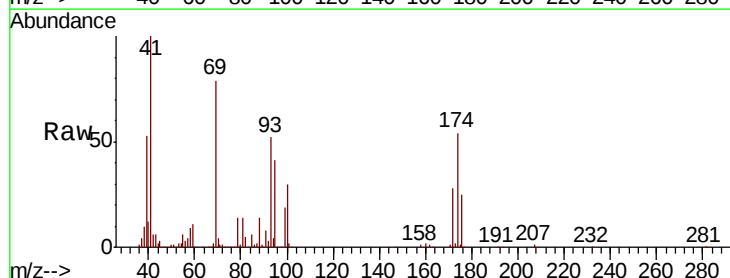
Tgt Ion: 41 Resp: 169095

Ion Ratio Lower Upper

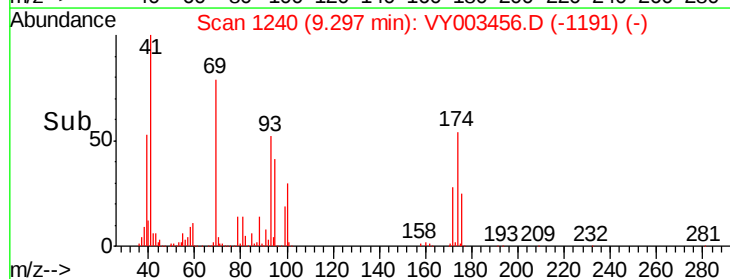
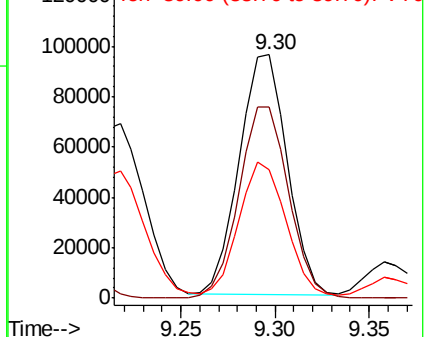
41 100

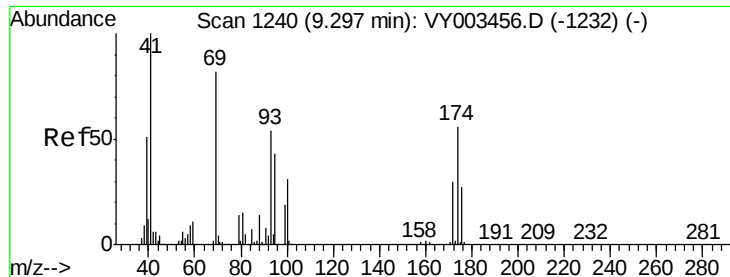
69 82.9 66.3 99.5

39 56.5 45.2 67.8



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: 920.071 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

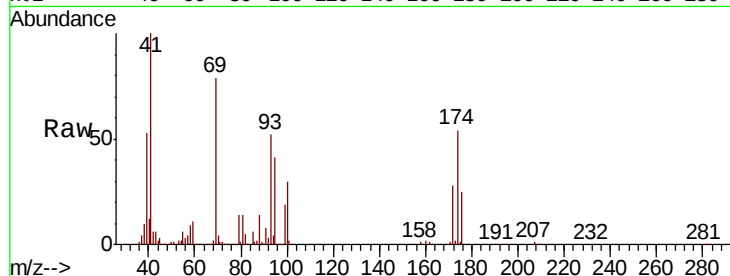
Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 30875

Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.6	43.0
58	64.7	51.8	77.6



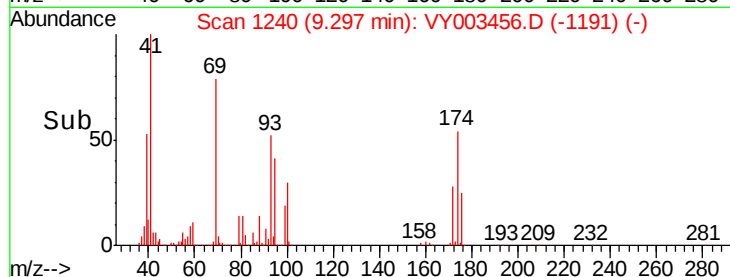
Abundance

Ion 88.00 (87.70 to 88.70): VY0

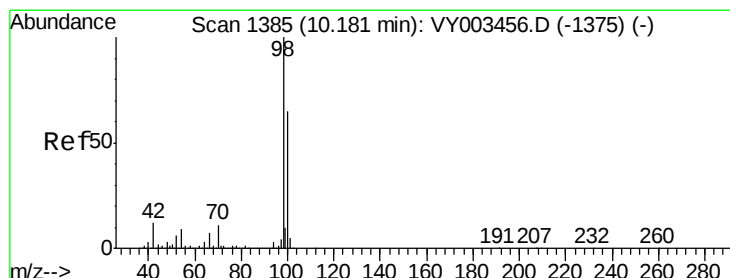
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Time-->



Time-->



#50

Toluene-d8

Concen: 56.344 ug/l

RT: 10.18 min Scan# 1385

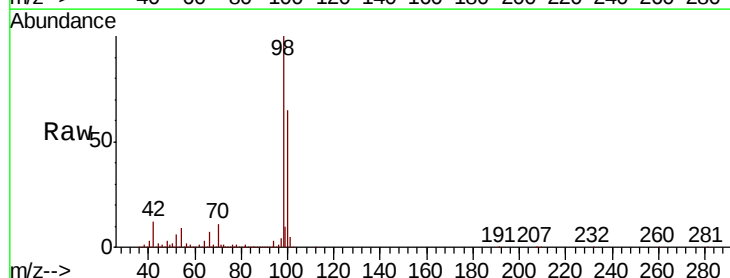
Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion: 98 Resp: 897594

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

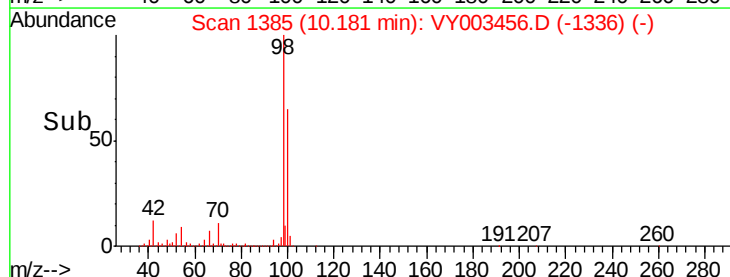


Abundance

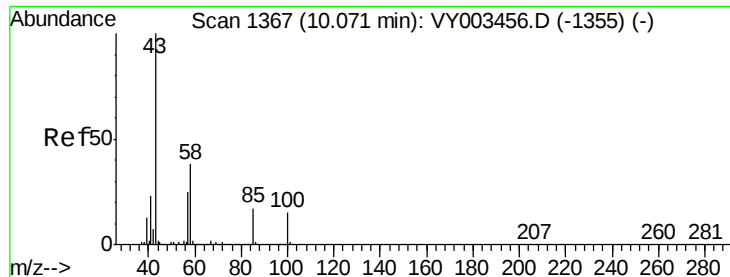
Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 257.355 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

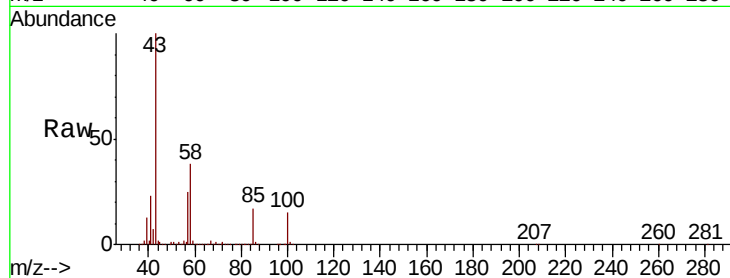
ClientSampled :

Tot Ion: 43 Resp: 942346

Ion Ratio Lower Upper

43 100

58 38.0 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VY003456.D (-1355) (-)

Ion 58.00 (57.70 to 58.70): VY003456.D (-1355) (-)

10.07

600000

500000

400000

300000

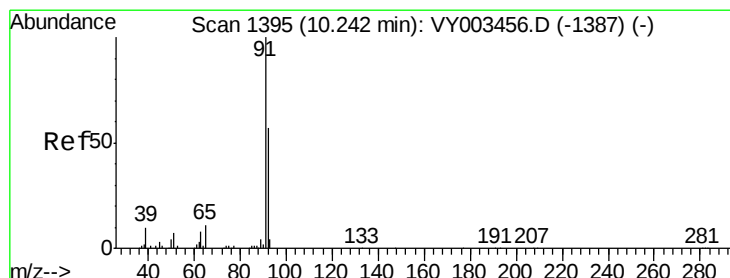
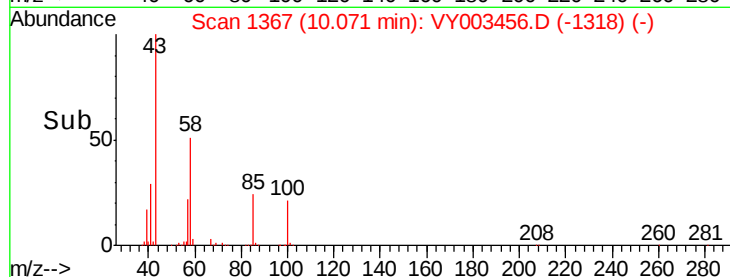
200000

100000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 51.455 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003456.D

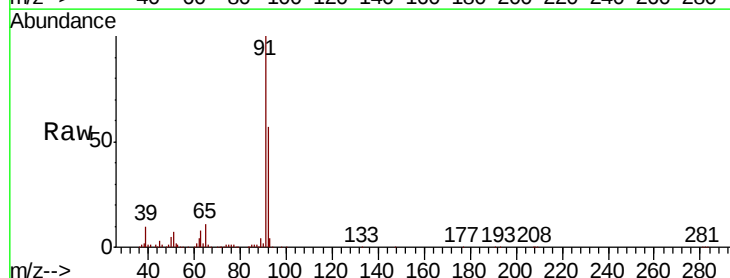
Acq: 05 Oct 2020 16:12

Tgt Ion: 92 Resp: 579815

Ion Ratio Lower Upper

92 100

91 175.0 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VY003456.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY003456.D (-1387) (-)

10.24

600000

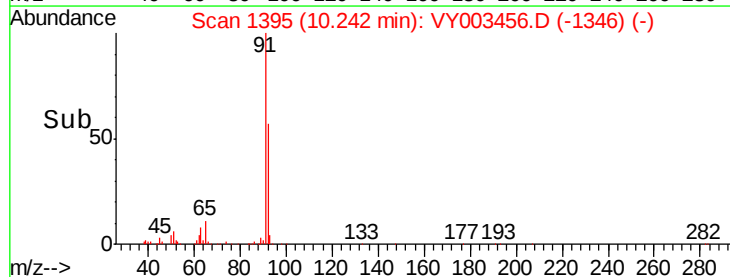
400000

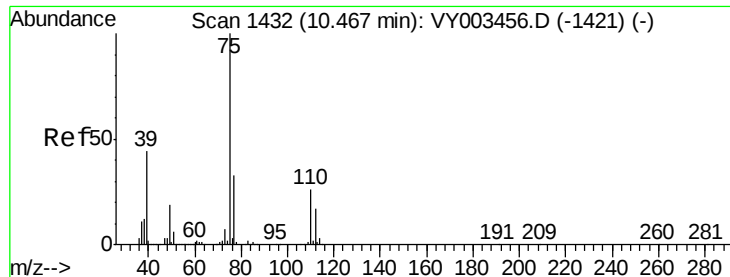
200000

0

10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.982 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

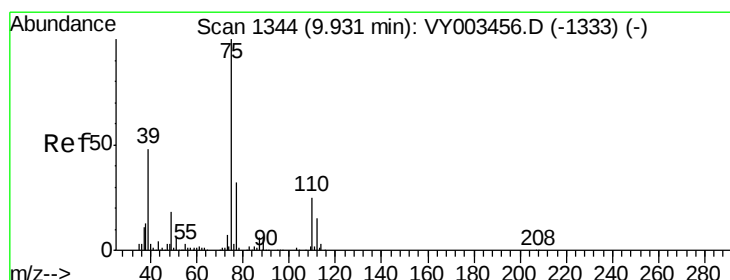
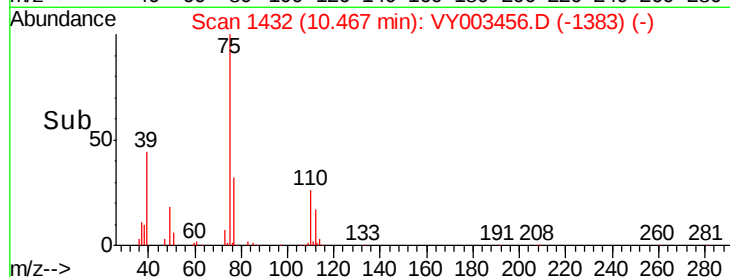
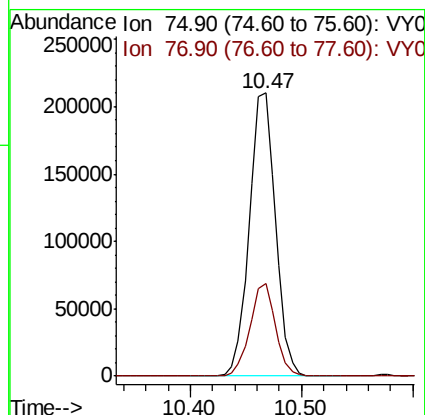
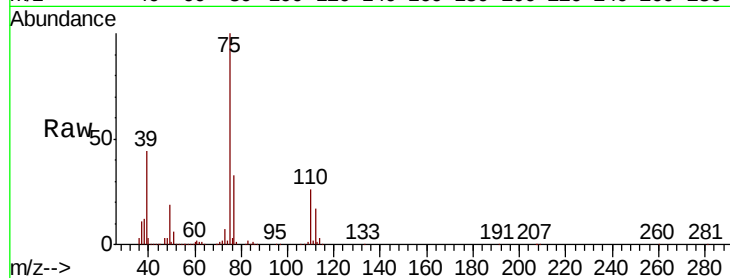
ClientSampleId :

Tot Ion: 75 Resp: 344316

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 50.220 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

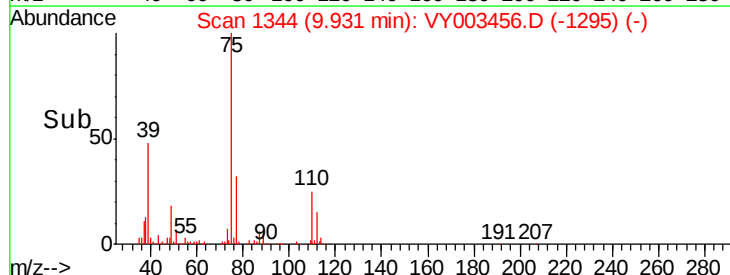
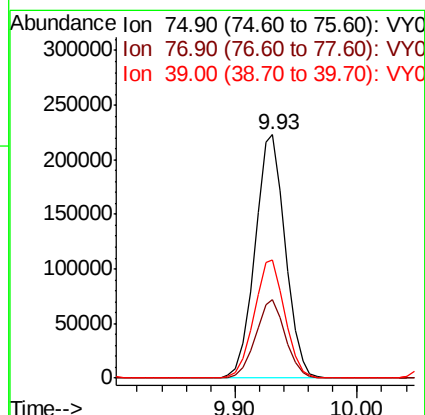
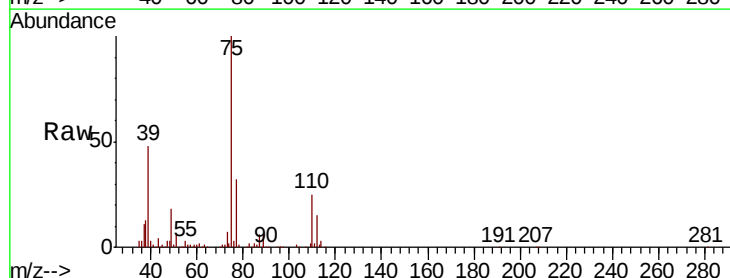
Tgt Ion: 75 Resp: 382728

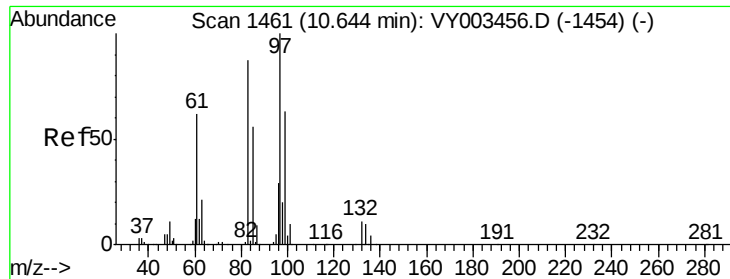
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

39 48.4 38.7 58.1

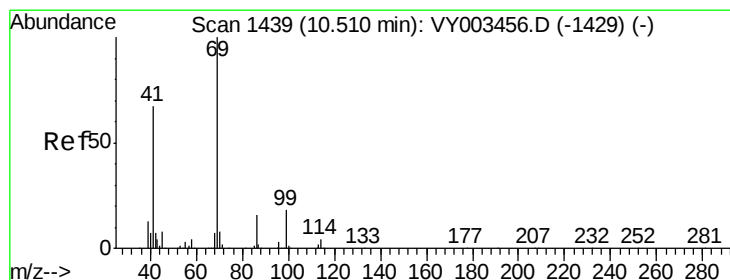
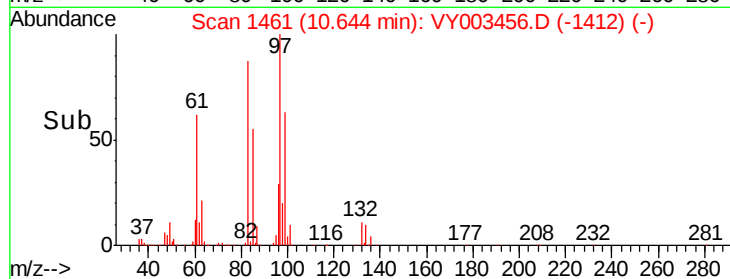
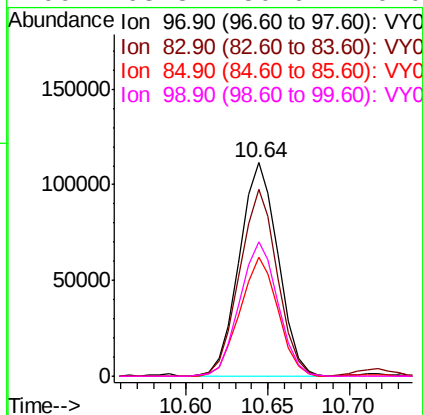
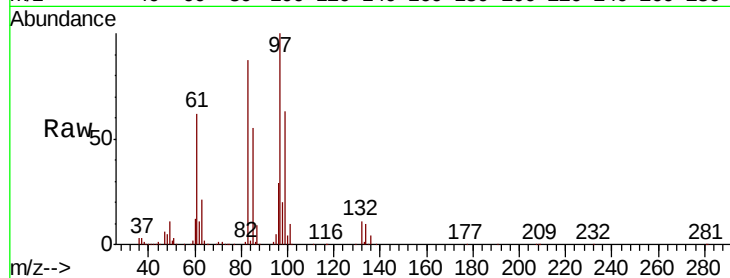




#55
 1,1,2-Trichloroethane
 Concen: 49.781 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

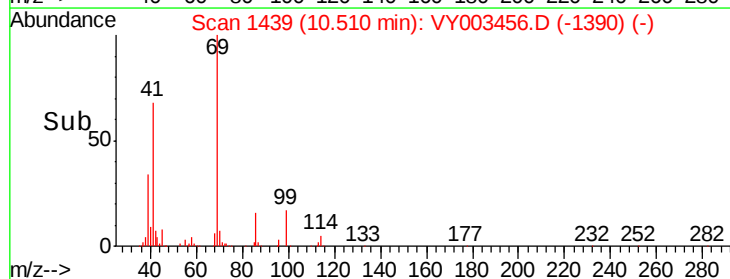
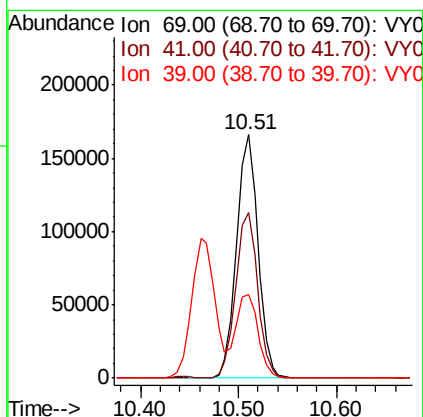
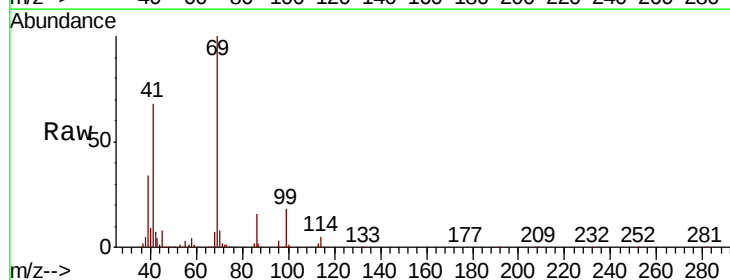
Instrument :
 MSVOA_Y
 ClientSampleId :

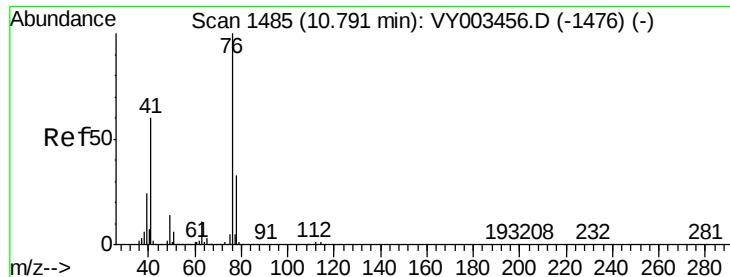
Tot Ion:	97	Resp:	183338
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	55.6	44.5	66.7
99	63.3	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 49.967 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion:	69	Resp:	254592
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	36.0	28.8	43.2





#57

1,3-Dichloropropane

Concen: 49.933 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

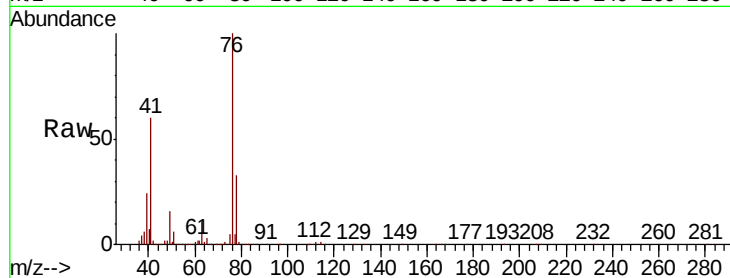
ClientSampleId :

Tot Ion: 76 Resp: 320456

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

200000

150000

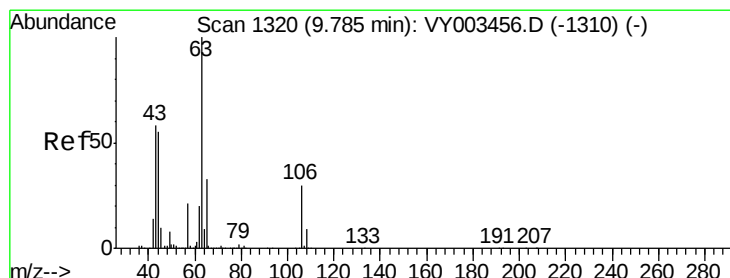
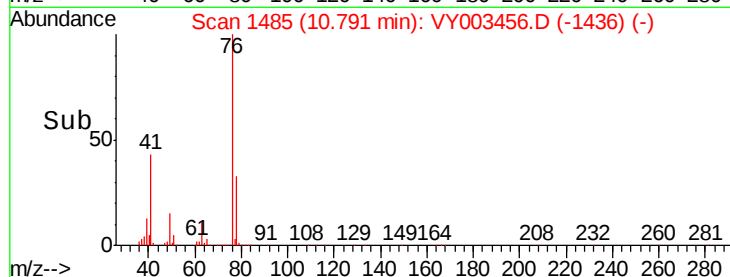
100000

50000

0

10.70 10.80 10.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.646 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003456.D

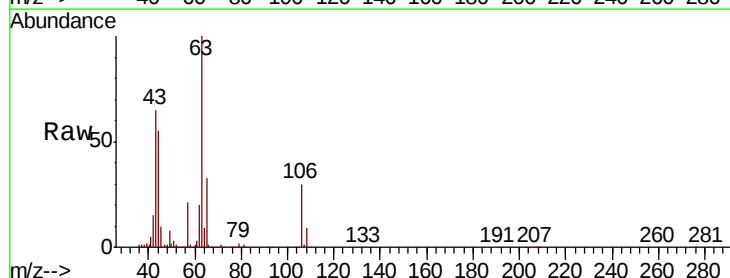
Acq: 05 Oct 2020 16:12

Tgt Ion: 63 Resp: 624609

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

400000

300000

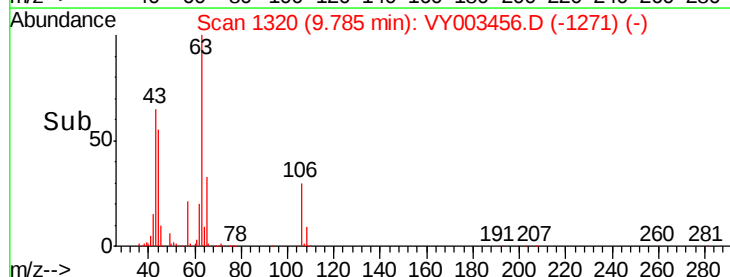
200000

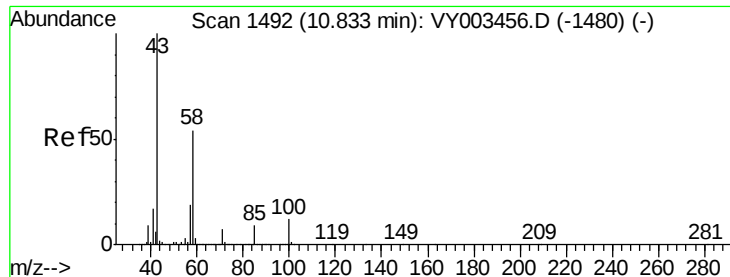
100000

0

9.70 9.75 9.80 9.85

Time-->

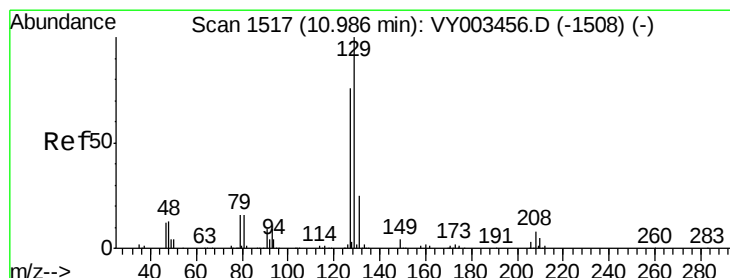
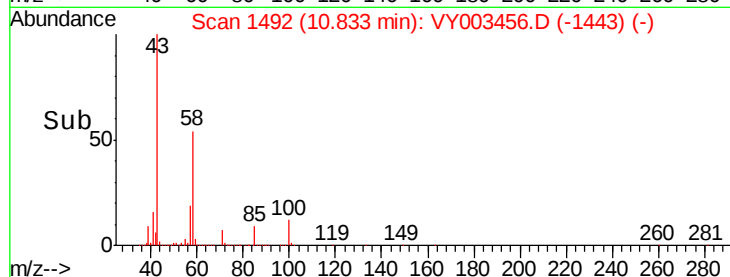
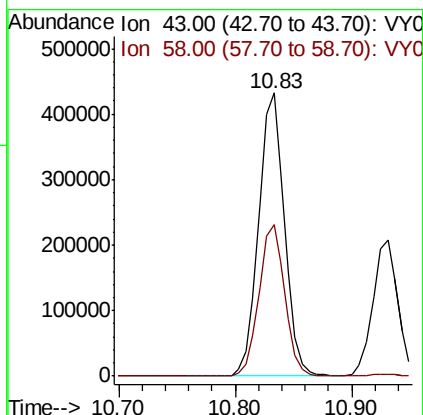
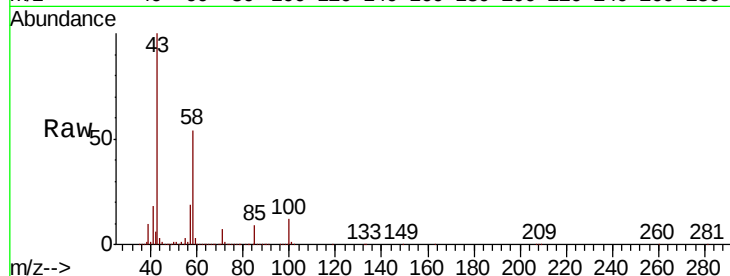




#59
2-Hexanone
Concen: 261.695 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

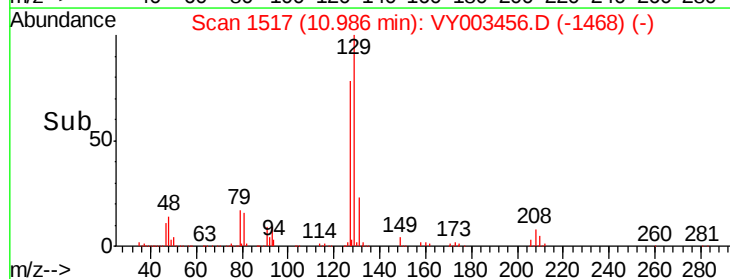
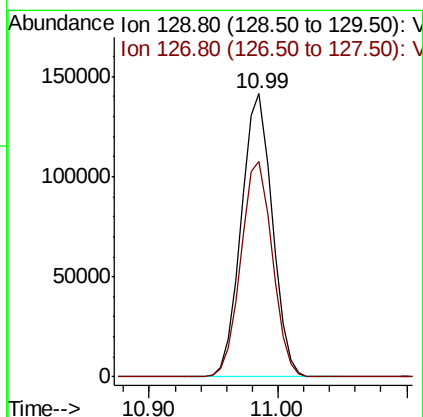
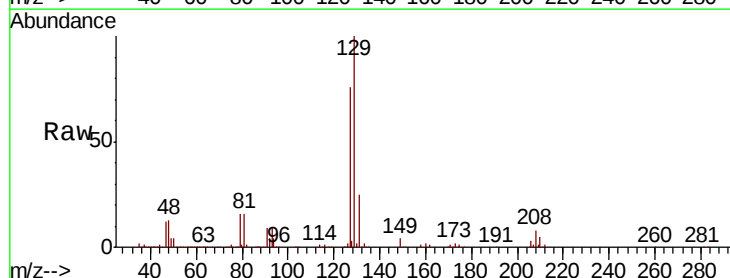
Instrument :
MSVOA_Y
ClientSampleId :

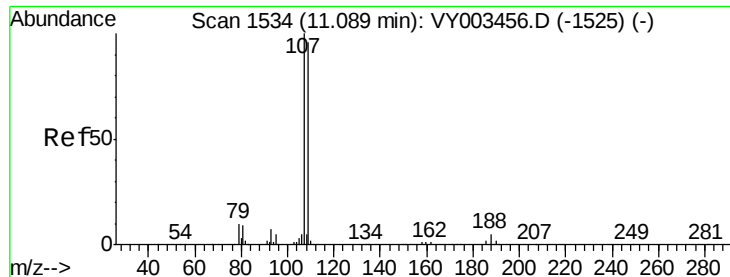
Tot Ion: 43 Resp: 669025
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3



#60
Dibromochloromethane
Concen: 50.679 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 129 Resp: 235015
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

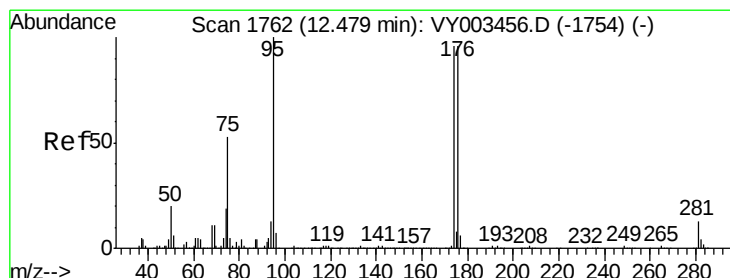
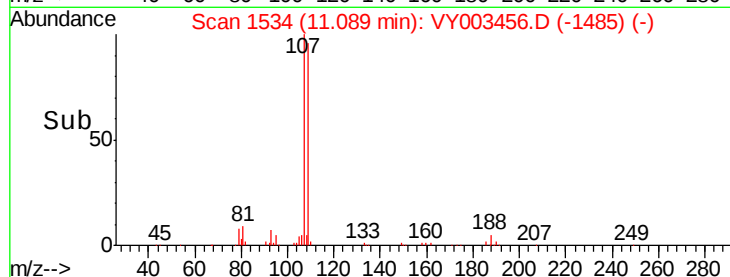
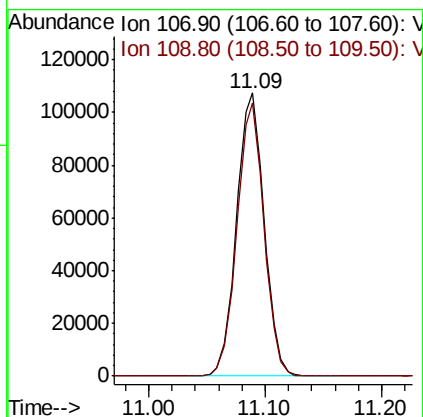
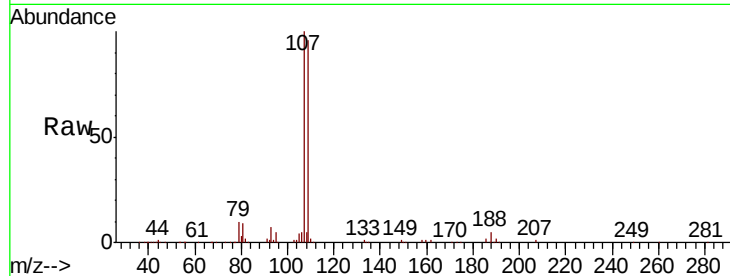




#61
 1,2-Dibromoethane
 Concen: 49.504 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

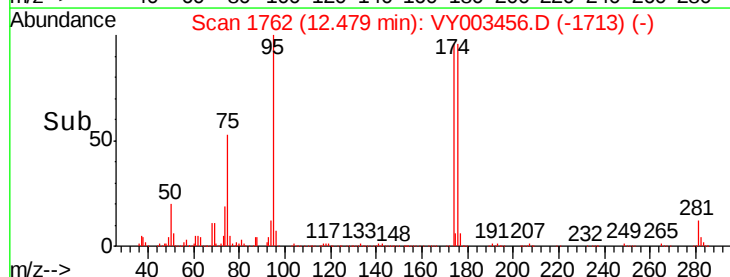
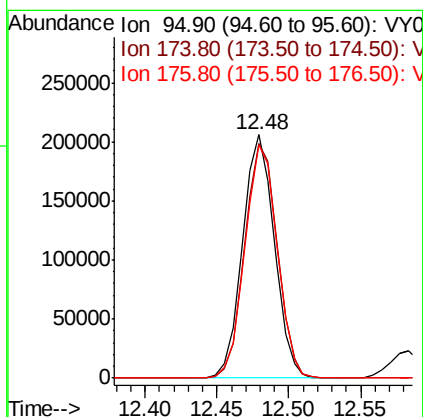
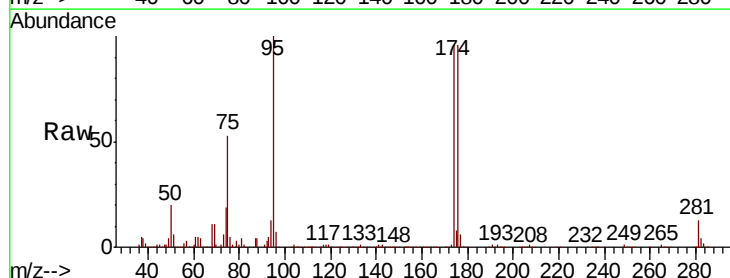
Instrument :
 MSVOA_Y
 ClientSampleId :

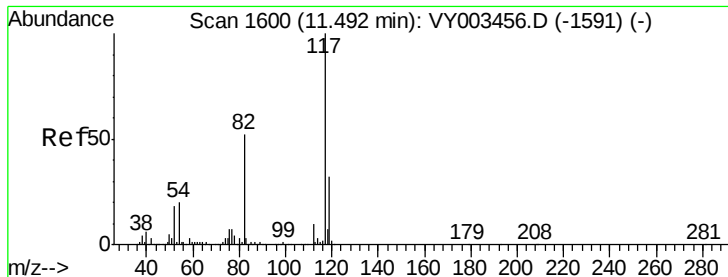
Tot Ion: 107 Resp: 177160
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 57.528 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion: 95 Resp: 314715
 Ion Ratio Lower Upper
 95 100
 174 98.5 0.0 197.0
 176 96.8 0.0 193.6

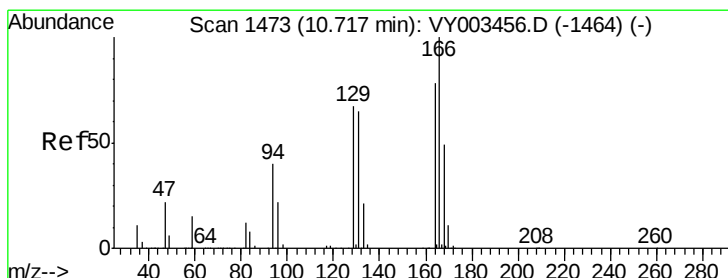
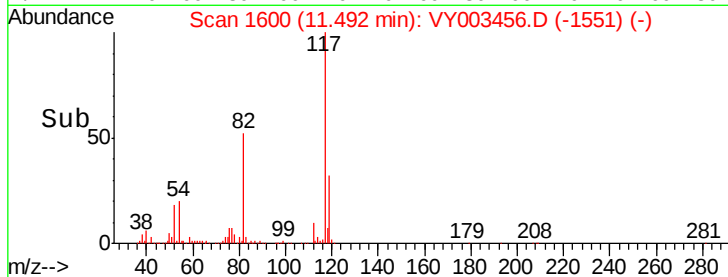
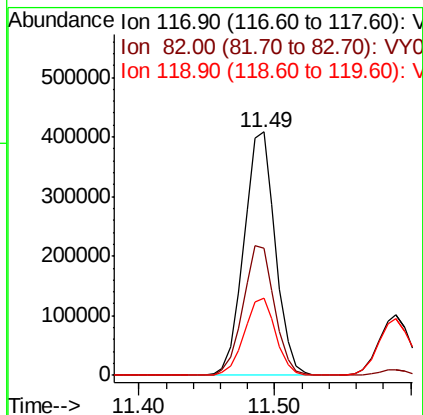
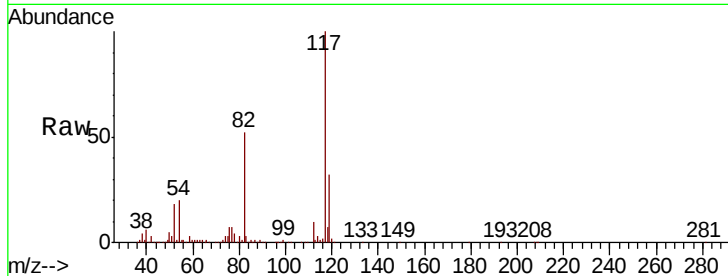




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

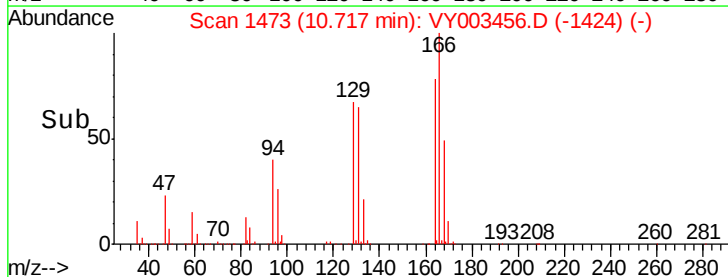
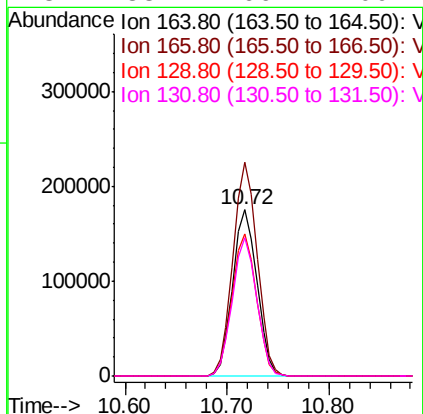
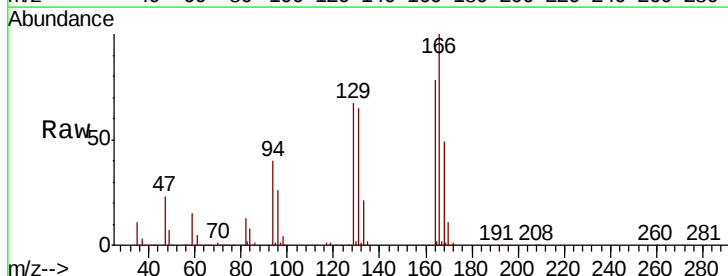
Instrument :
MSVOA_Y
ClientSampleId :

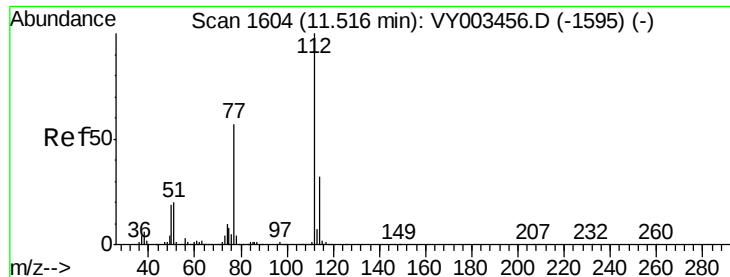
Tot Ion:117 Resp: 657375
Ion Ratio Lower Upper
117 100
82 52.1 41.7 62.5
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 51.978 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:164 Resp: 287376
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 86.1 68.9 103.3
131 83.4 66.7 100.1

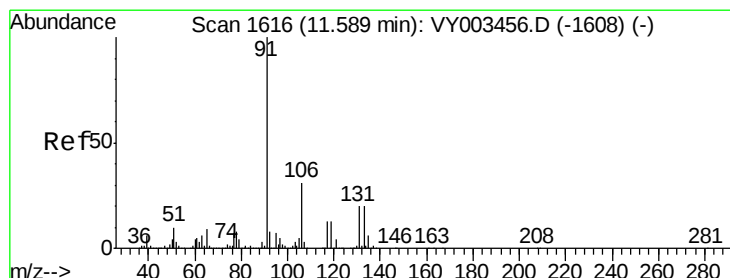
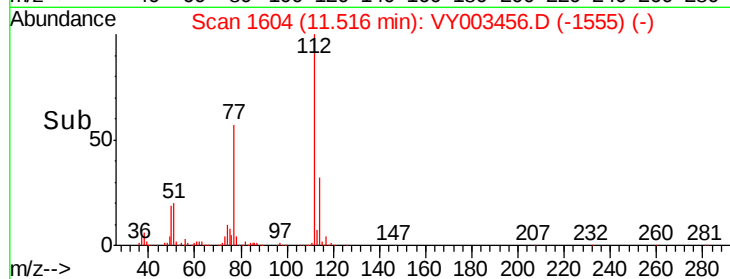
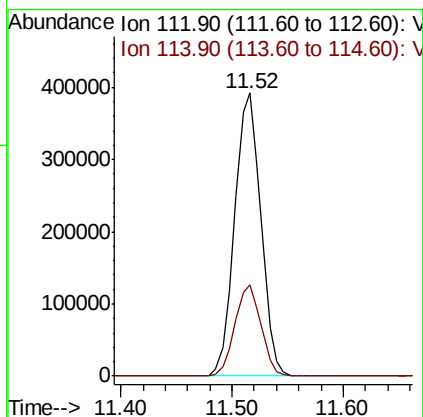
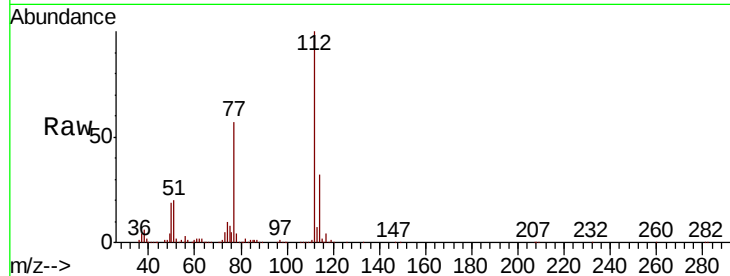




#65
Chlorobenzene
Concen: 49.615 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

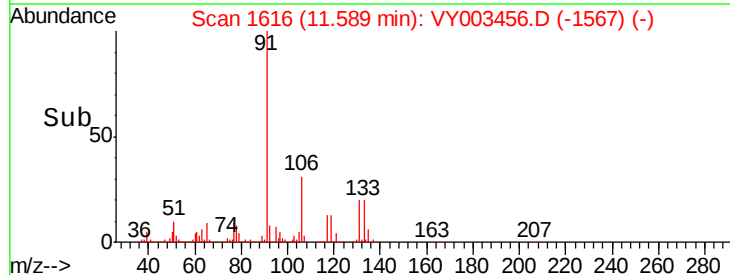
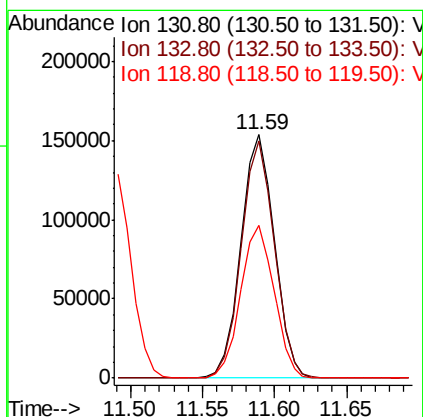
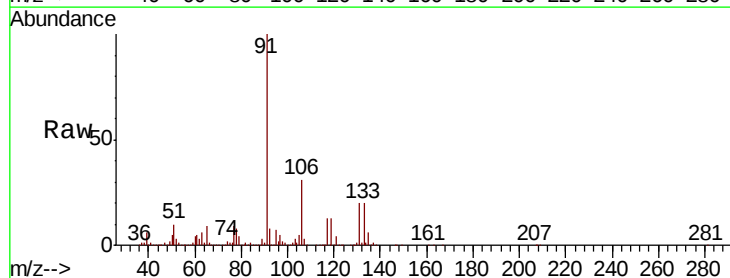
Instrument :
MSVOA_Y
ClientSampleId :

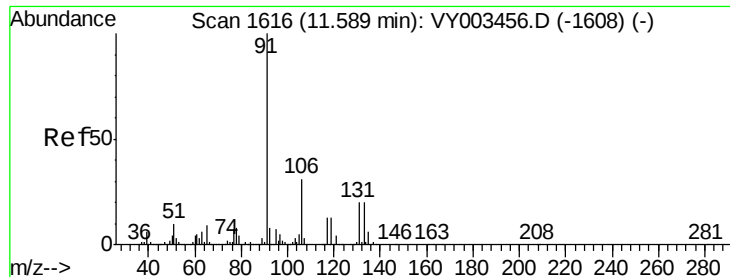
Tot Ion:112 Resp: 636528
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.596 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:131 Resp: 247398
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 63.0 31.5 94.5





#67

Ethyl Benzene

Concen: 50.217 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

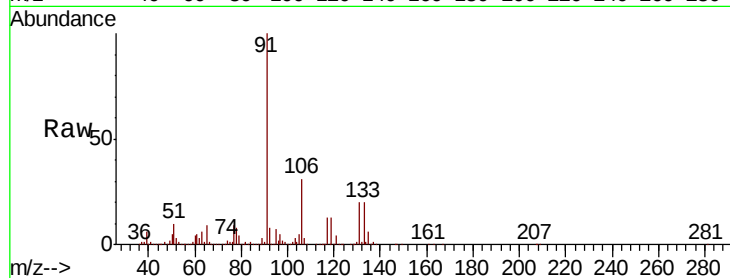
ClientSampleId :

Tot Ion: 91 Resp: 1161203

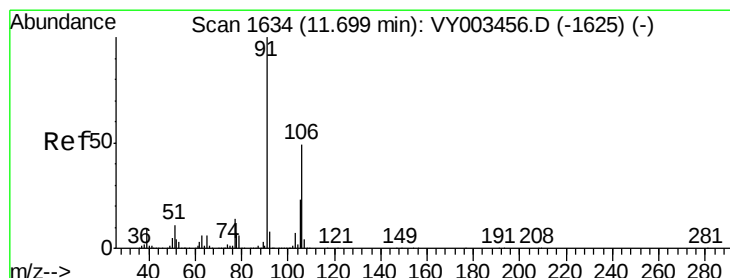
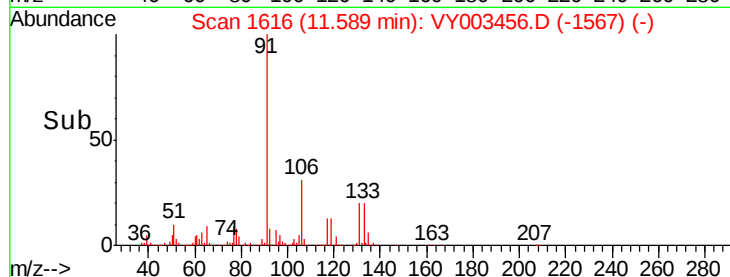
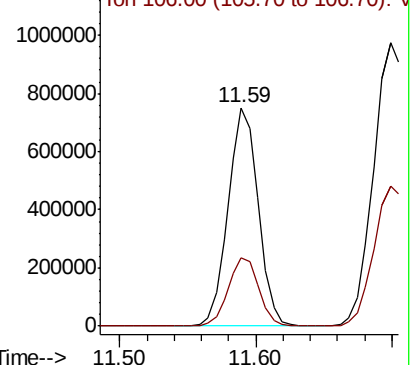
Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY003456.D (-1608) (-)



#68

m/p-Xylenes

Concen: 100.953 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003456.D

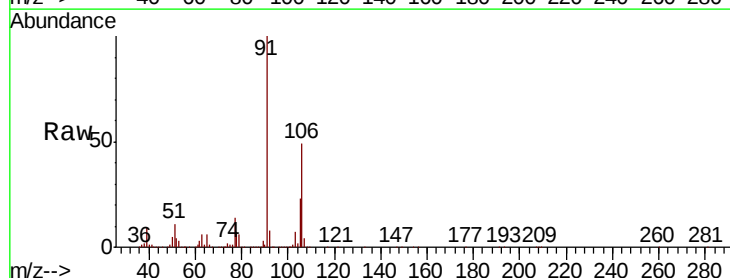
Acq: 05 Oct 2020 16:12

Tgt Ion: 106 Resp: 882032

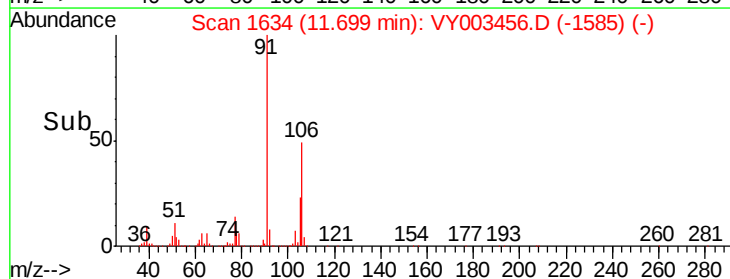
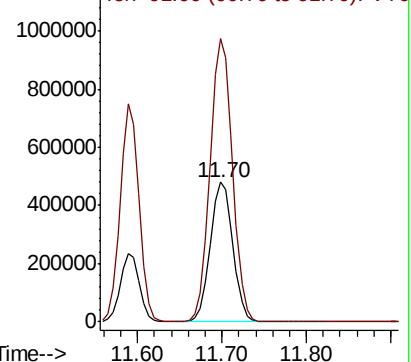
Ion Ratio Lower Upper

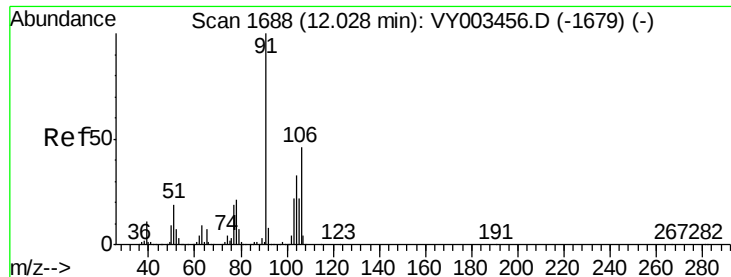
106 100

91 201.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VY003456.D (-1625) (-)

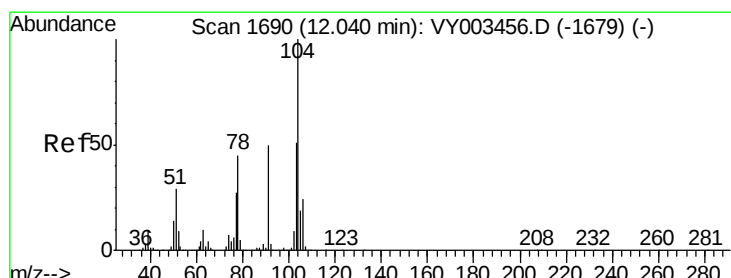
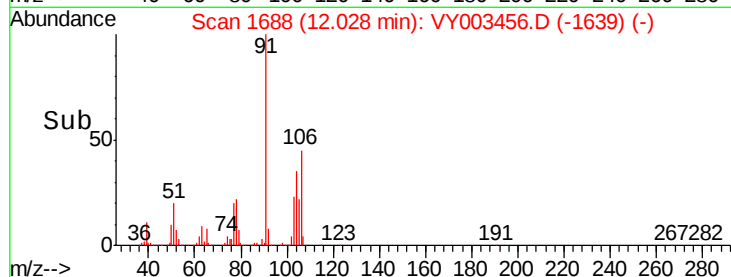
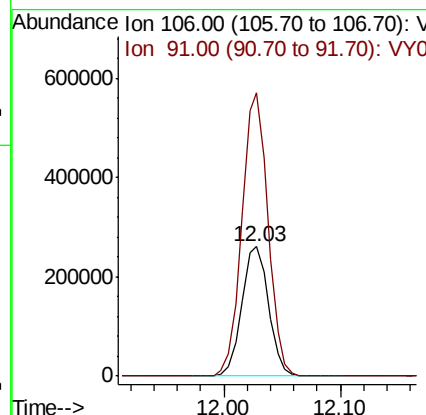
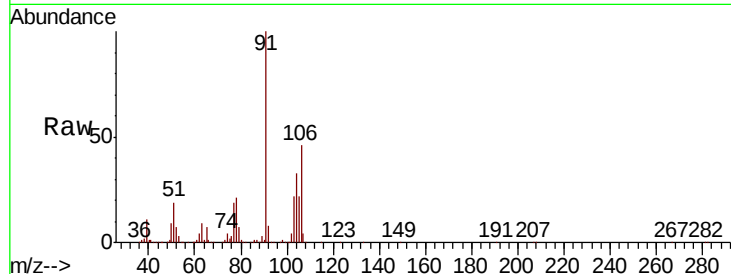




#69
o-Xylene
Concen: 50.980 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

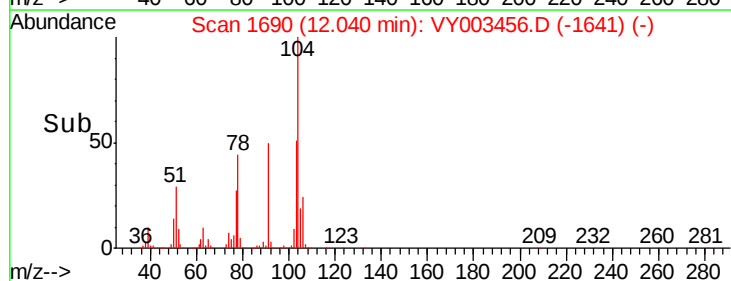
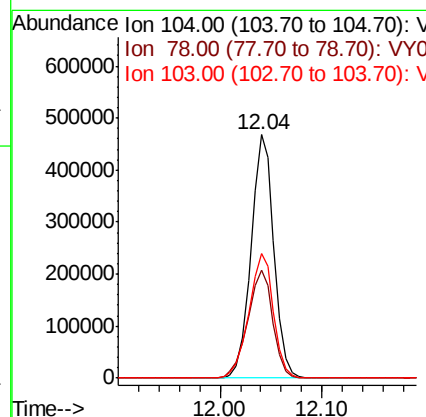
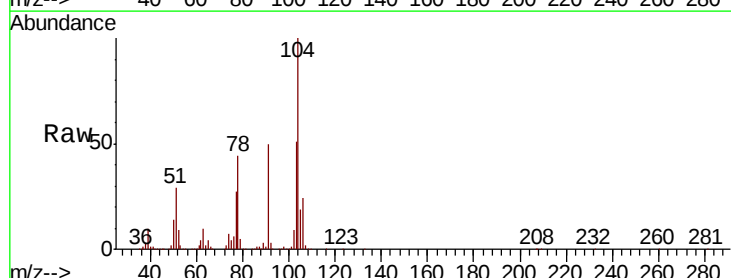
Instrument :
MSVOA_Y
ClientSampleId :

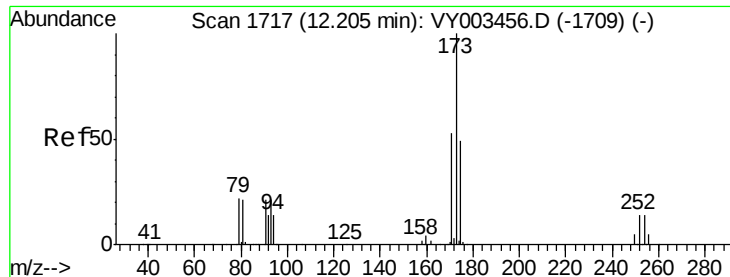
Tot Ion:106 Resp: 416528
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



#70
Styrene
Concen: 51.776 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:104 Resp: 724957
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.3 44.2 66.4

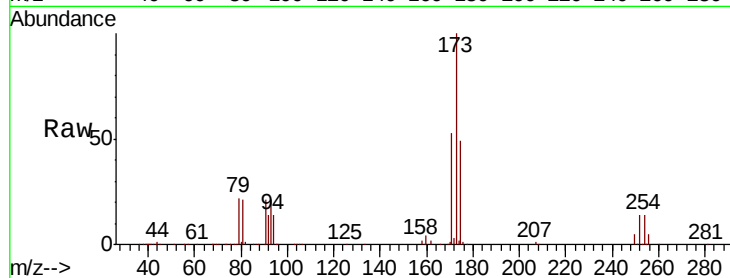




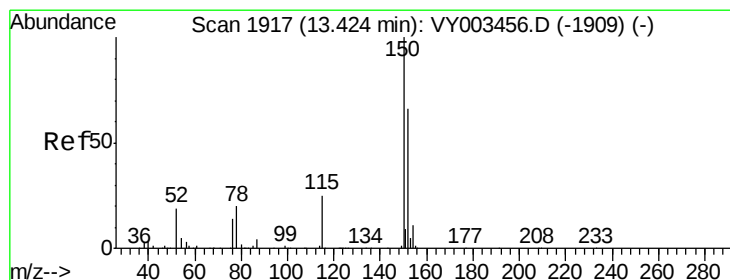
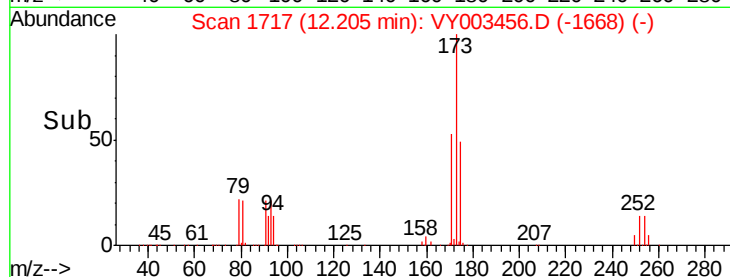
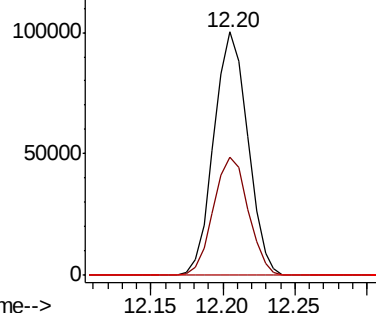
#71
Bromoform
Concen: 50.248 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 163417
Ion Ratio Lower Upper
173 100
175 49.8 24.9 74.7
254 0.3 0.2 0.4

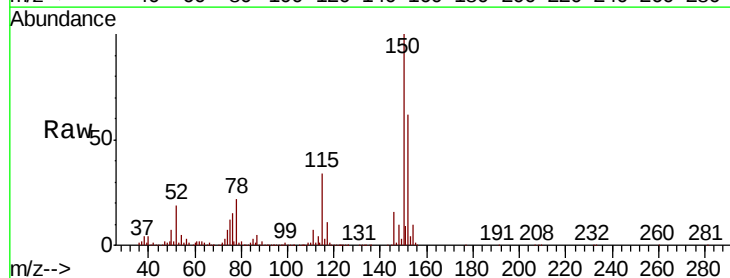


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

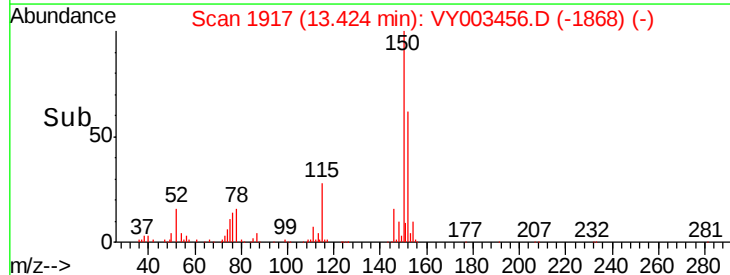
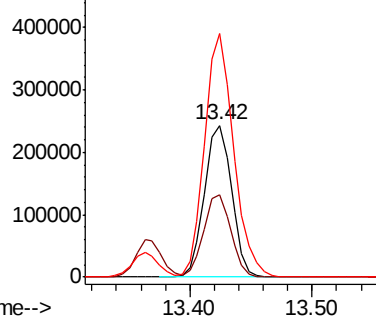


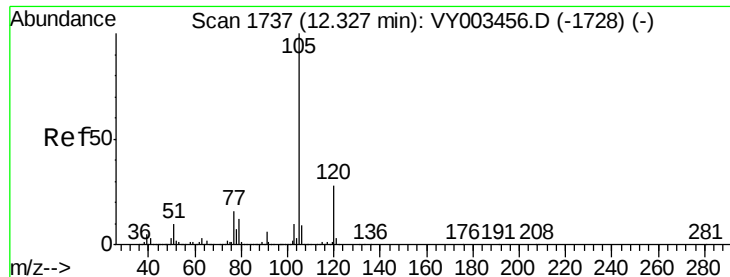
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:152 Resp: 372599
Ion Ratio Lower Upper
152 100
115 53.9 27.0 80.8
150 171.8 0.0 343.6



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: 48.520 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

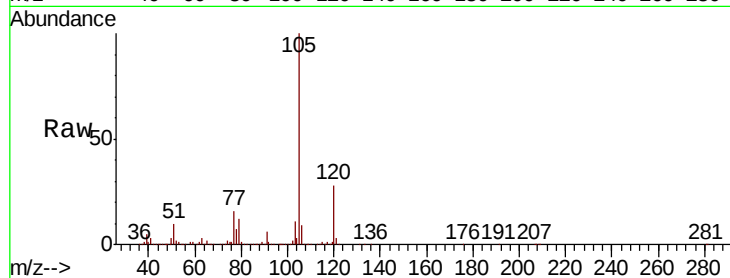
ClientSampled :

Tot Ion:105 Resp: 1154941

Ion Ratio Lower Upper

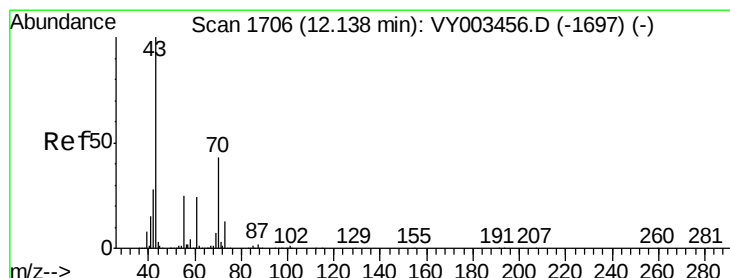
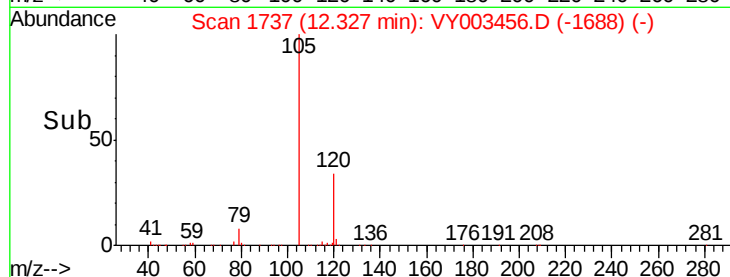
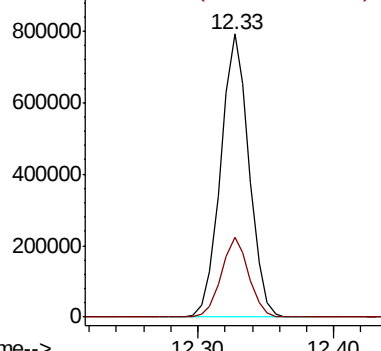
105 100

120 27.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.204 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Tgt Ion: 43 Resp: 330105

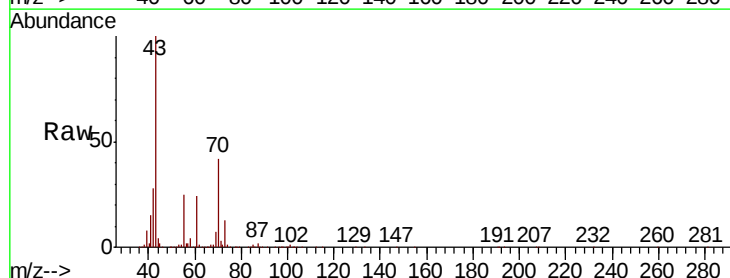
Ion Ratio Lower Upper

43 100

70 42.5 34.0 51.0

55 24.4 19.5 29.3

61 24.3 19.4 29.2

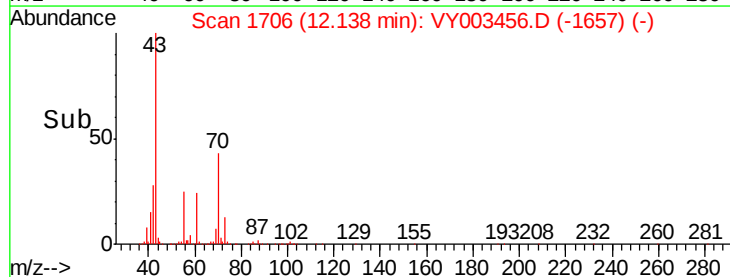
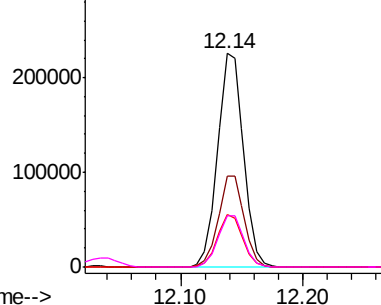


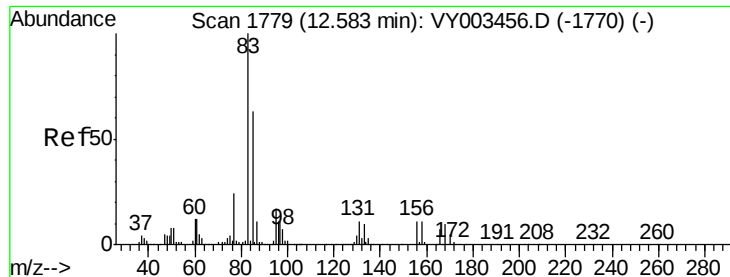
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

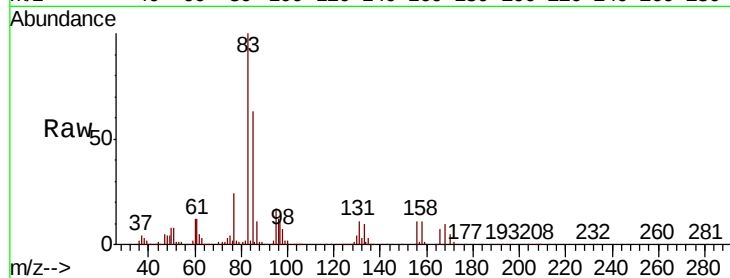
Tot Ion: 83 Resp: 215711

Ion Ratio Lower Upper

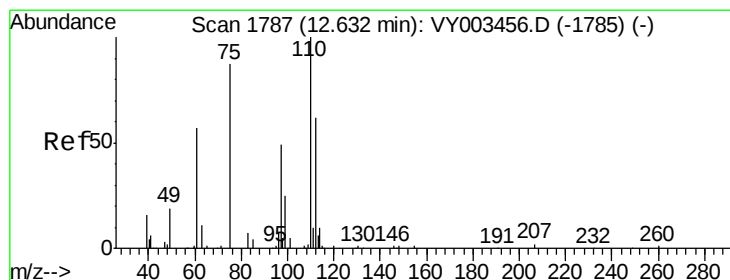
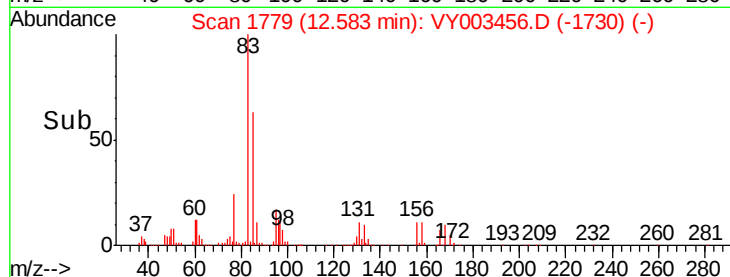
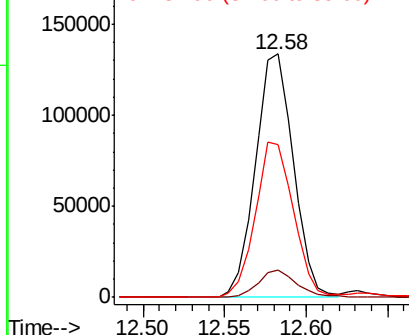
83 100

131 11.2 5.6 16.8

85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 93.827 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003456.D

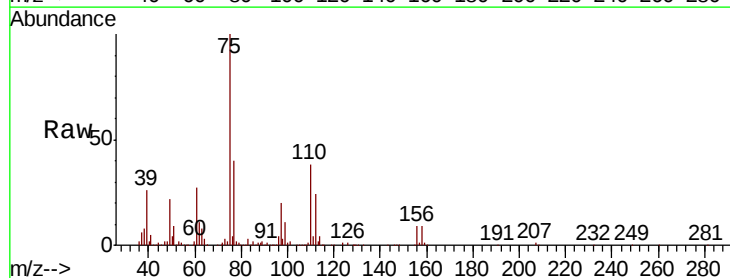
Acq: 05 Oct 2020 16:12

Tgt Ion: 75 Resp: 311324

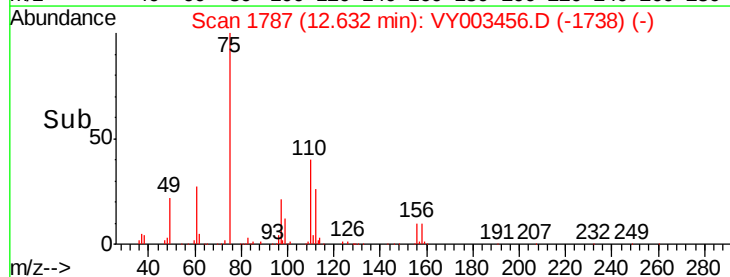
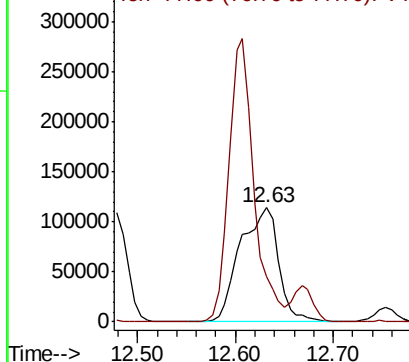
Ion Ratio Lower Upper

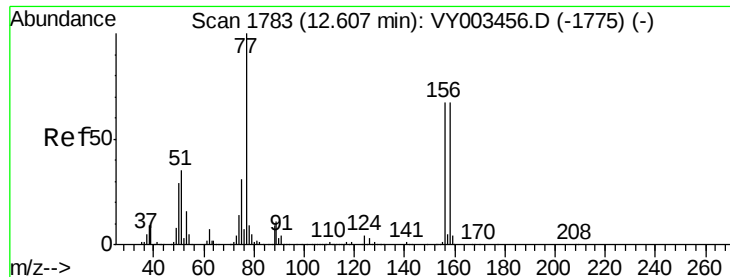
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.087 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

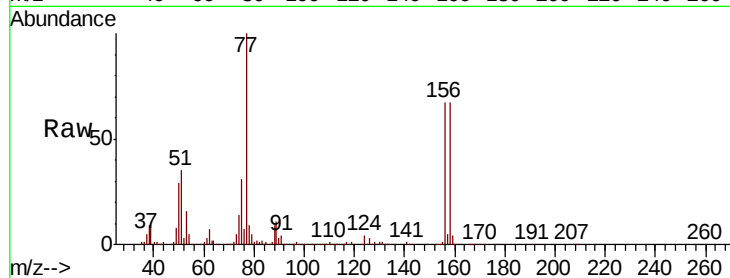
Tot Ion:156 Resp: 298252

Ion Ratio Lower Upper

156 100

77 168.9 84.5 253.4

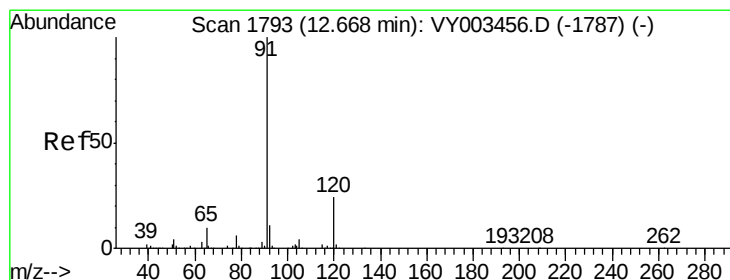
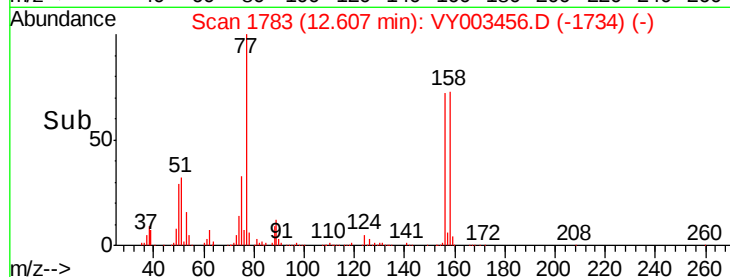
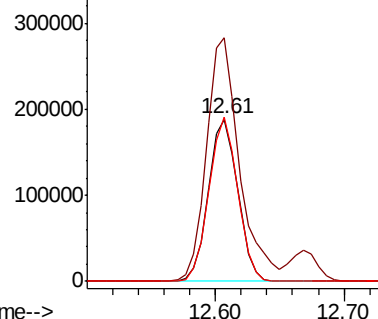
158 98.8 49.4 148.2



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: 48.262 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003456.D

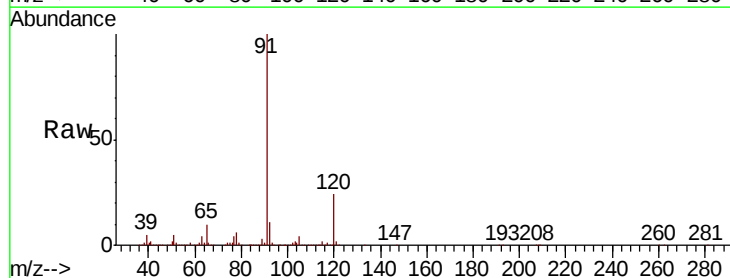
Acq: 05 Oct 2020 16:12

Tgt Ion: 91 Resp: 1371235

Ion Ratio Lower Upper

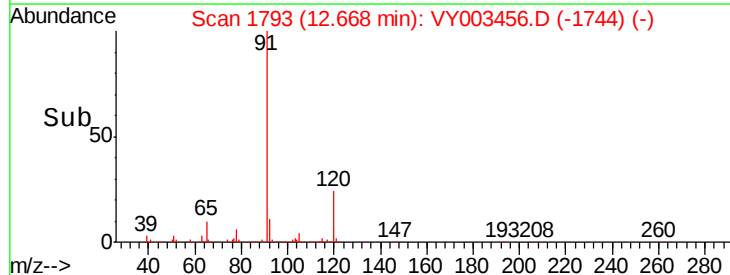
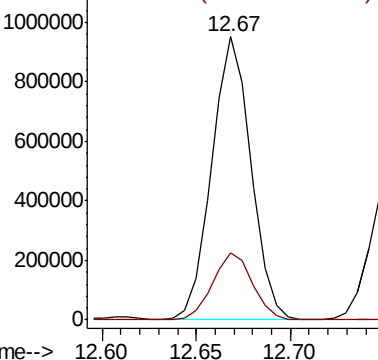
91 100

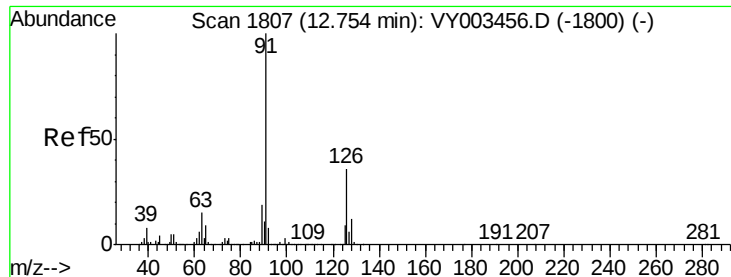
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

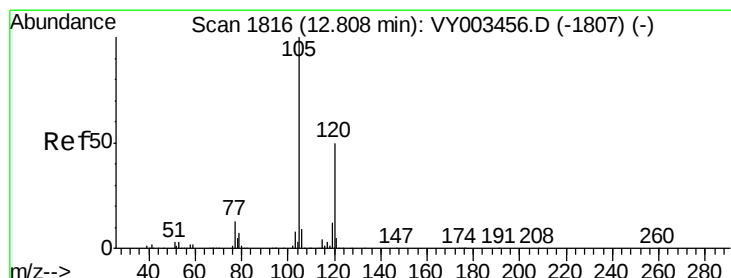
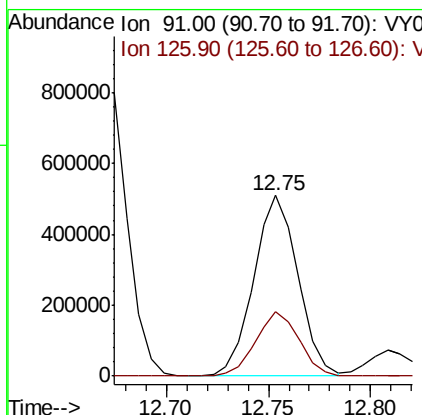
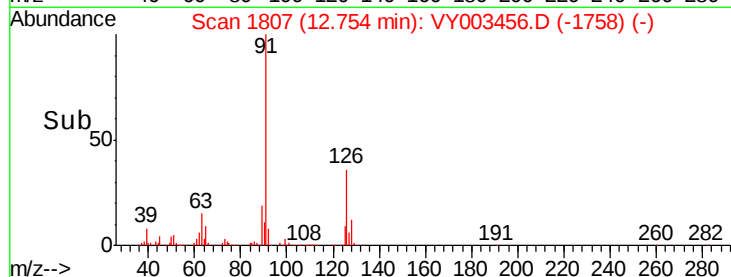
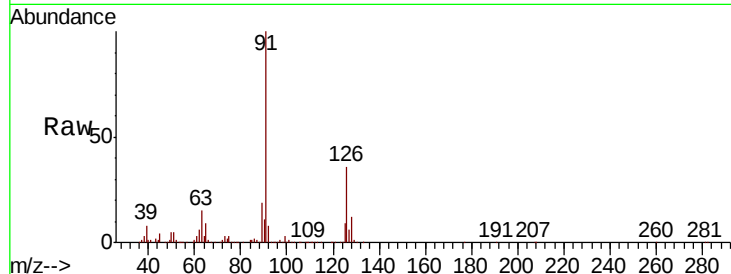




#79
 2-Chlorotoluene
 Concen: 48.412 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

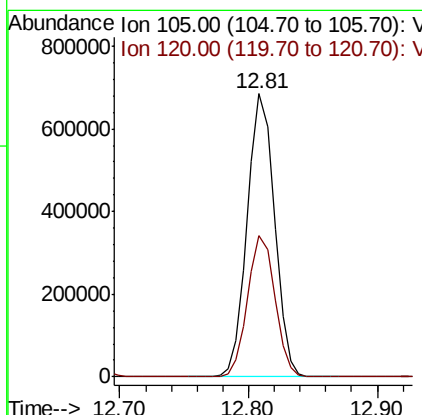
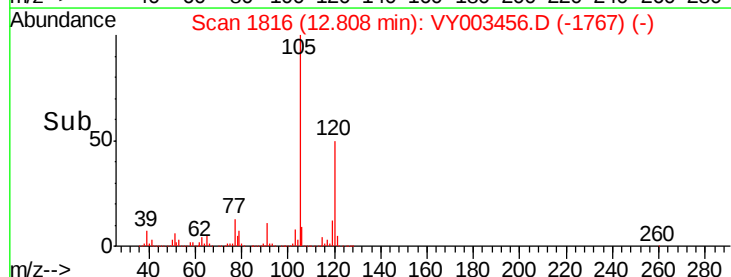
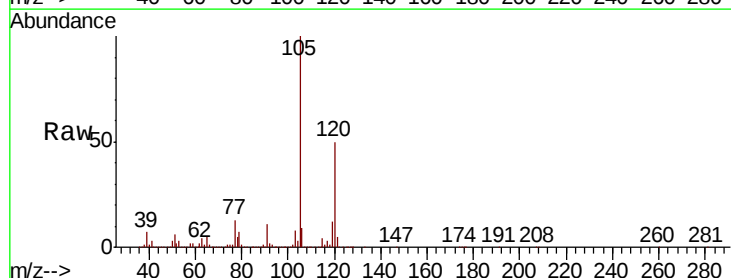
Instrument :
 MSVOA_Y
 ClientSampled :

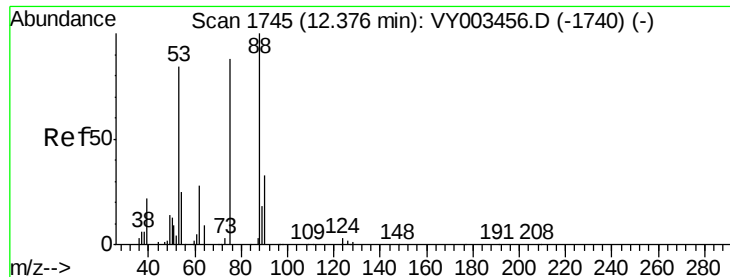
Tot Ion: 91 Resp: 765983
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.727 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion: 105 Resp: 998076
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.475 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

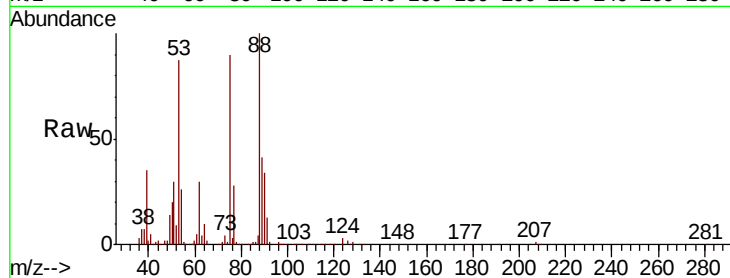
Tot Ion: 75 Resp: 83265

Ion Ratio Lower Upper

75 100

53 92.7 74.2 111.2

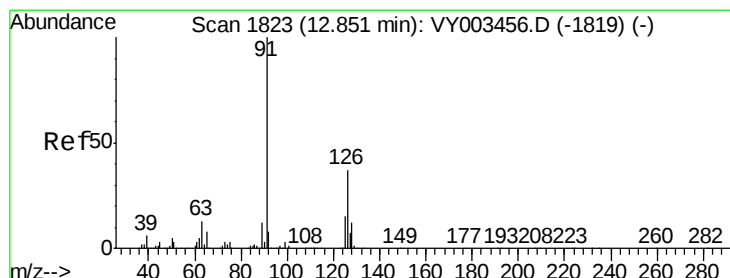
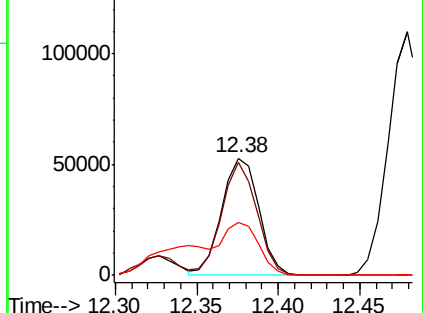
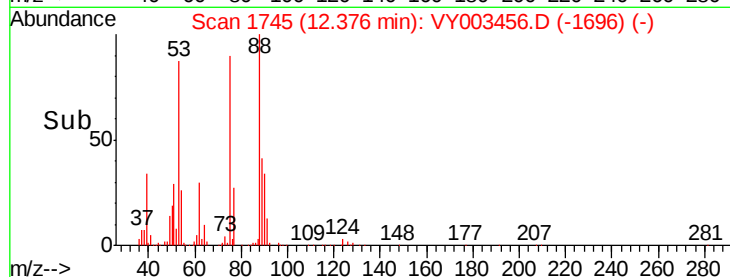
89 45.3 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.884 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003456.D

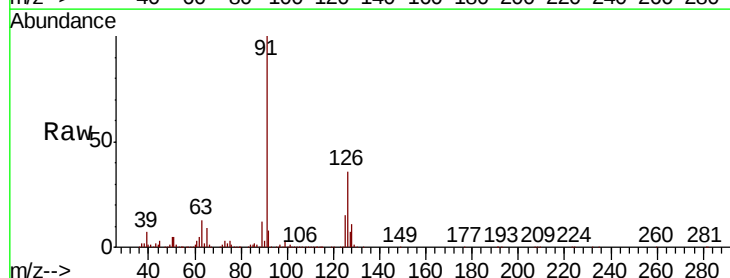
Acq: 05 Oct 2020 16:12

Tgt Ion: 91 Resp: 804182

Ion Ratio Lower Upper

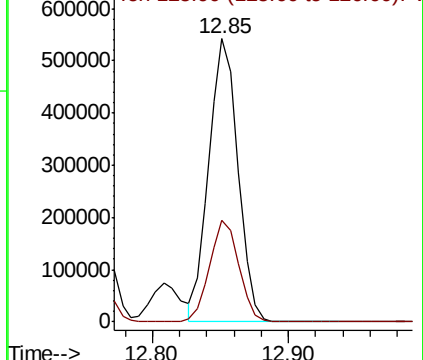
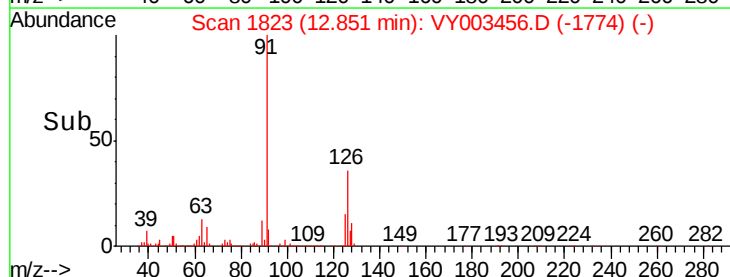
91 100

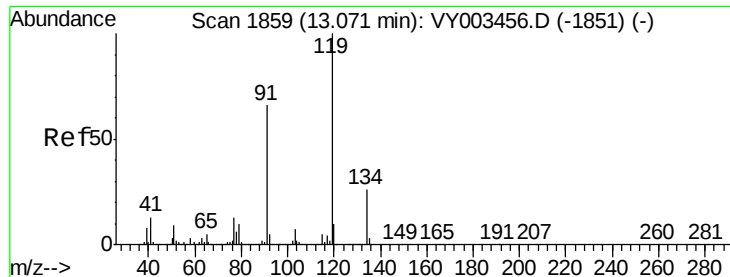
126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

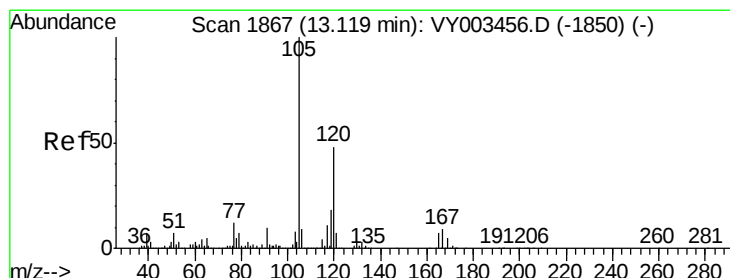
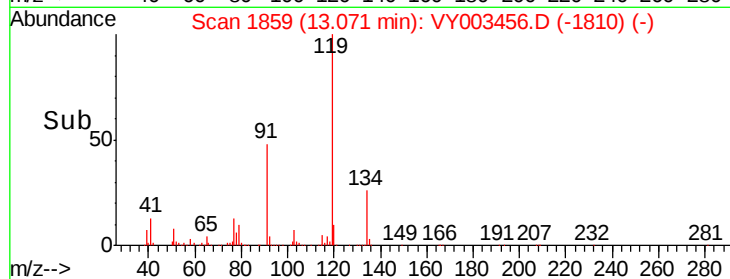
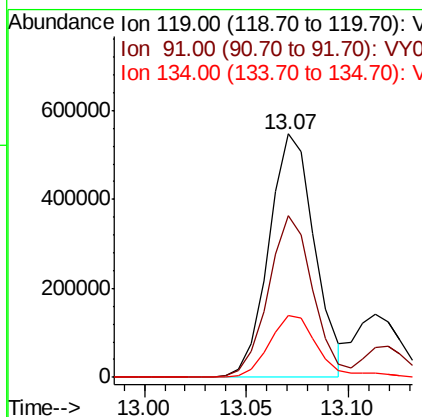
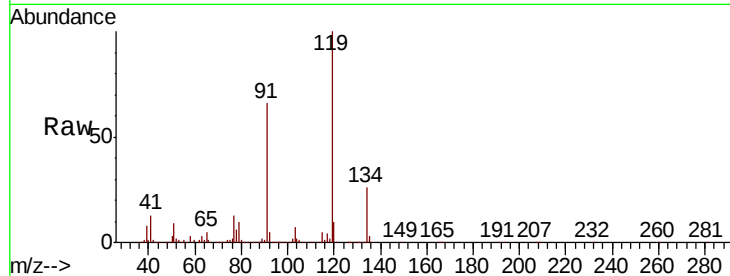




#83
tert-Butylbenzene
Concen: 49.228 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

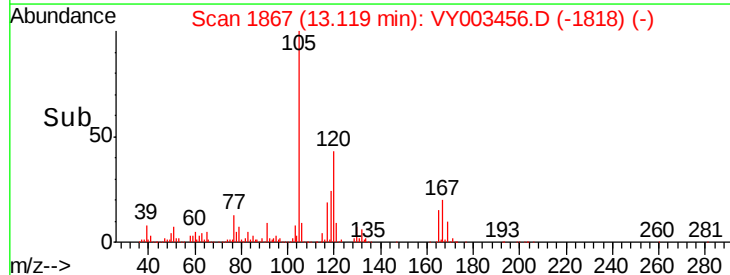
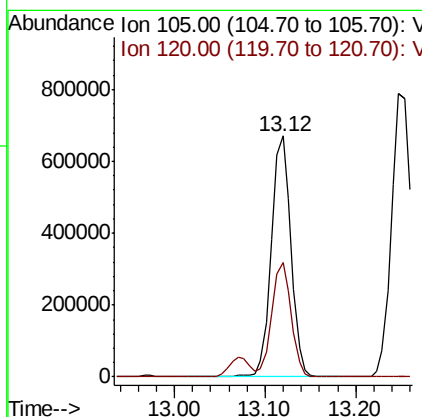
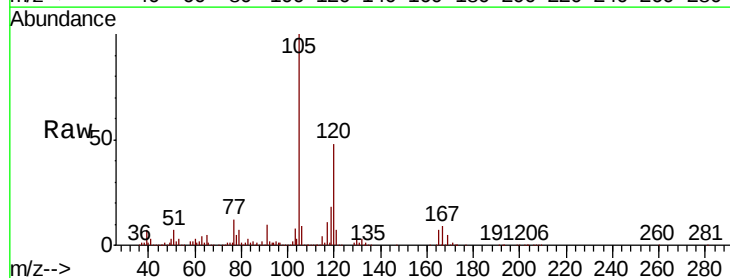
Instrument :
MSVOA_Y
ClientSampleId :

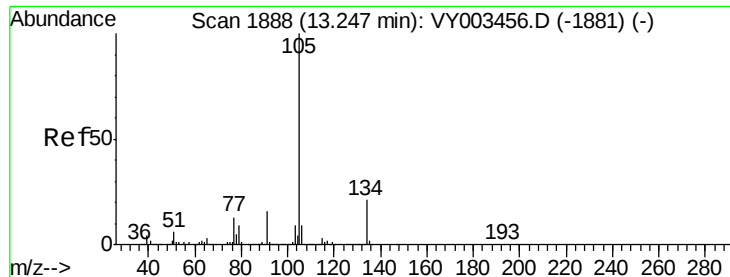
Tot Ion:119 Resp: 856262
Ion Ratio Lower Upper
119 100
91 64.9 32.5 97.4
134 27.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.780 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:105 Resp: 1002888
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 49.677 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

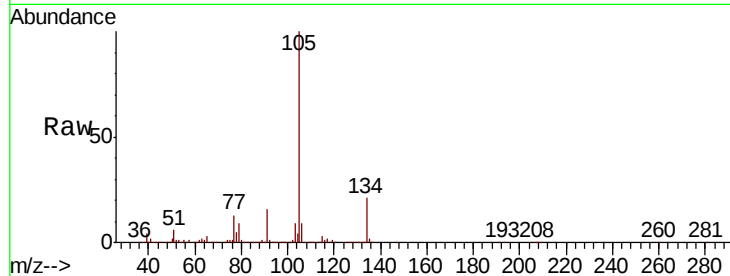
ClientSampled :

Tot Ion:105 Resp: 1201367

Ion Ratio Lower Upper

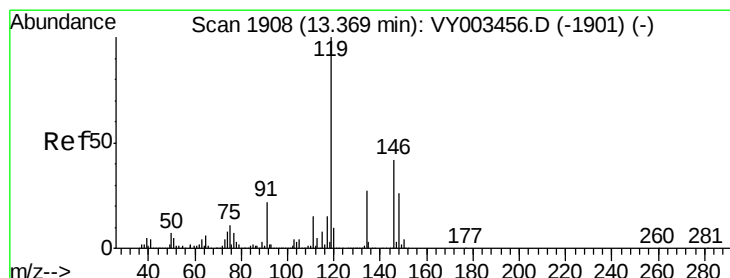
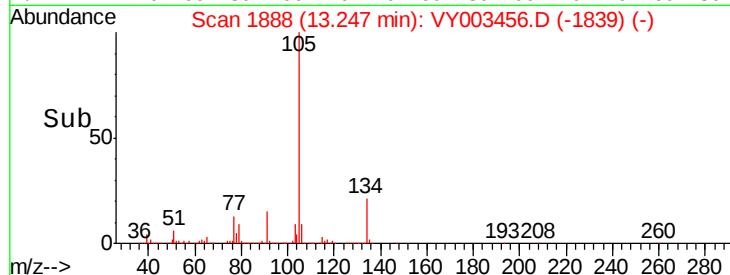
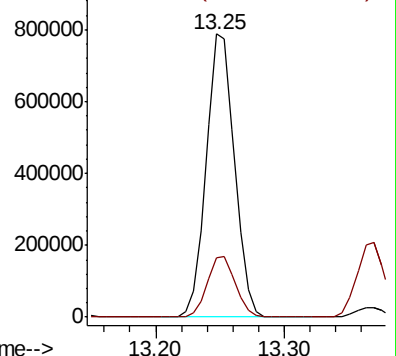
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.742 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

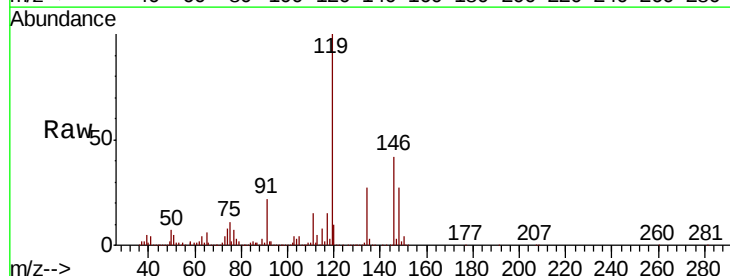
Tgt Ion:119 Resp: 1152240

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

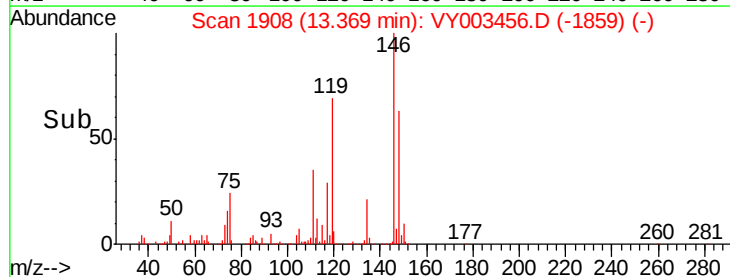
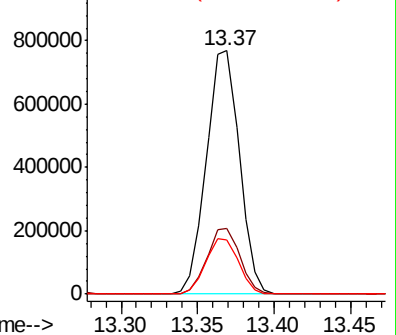
91 22.8 11.4 34.2

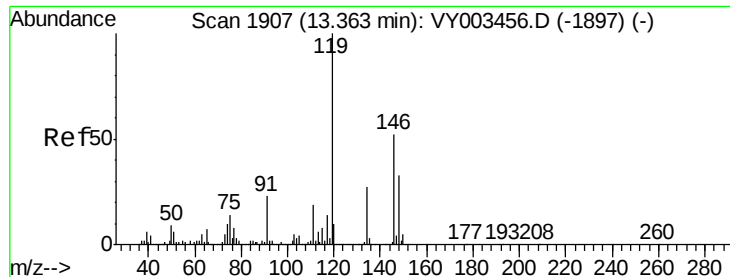


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampled :

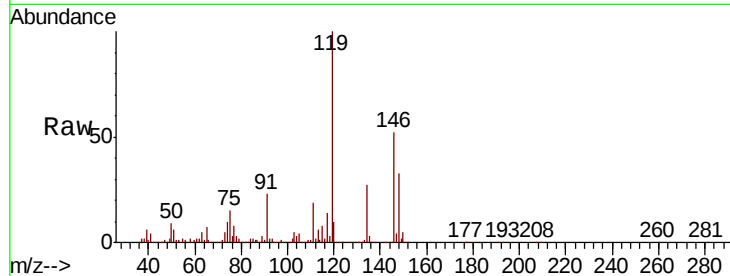
Tot Ion:146 Resp: 581852

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

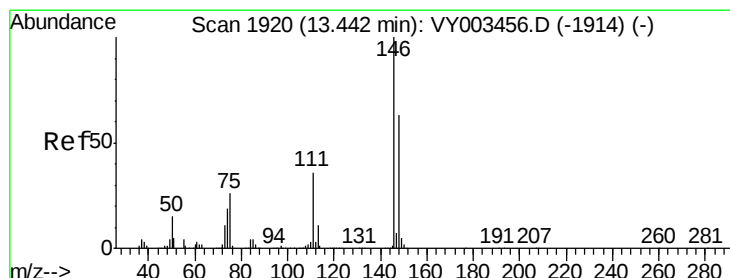
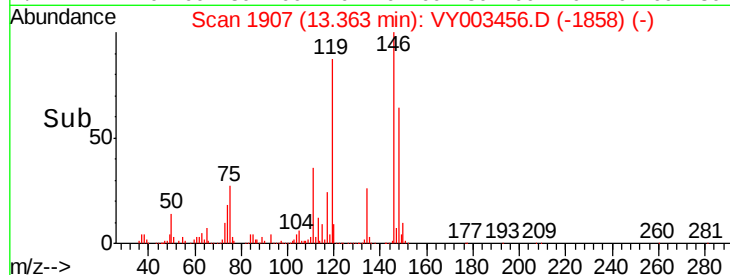
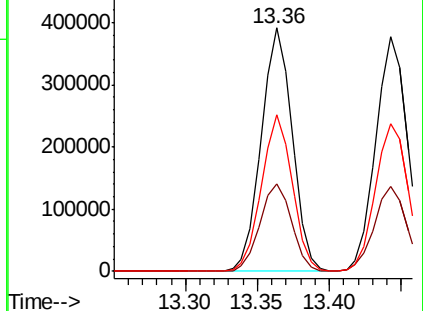
148 63.7 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 49.677 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

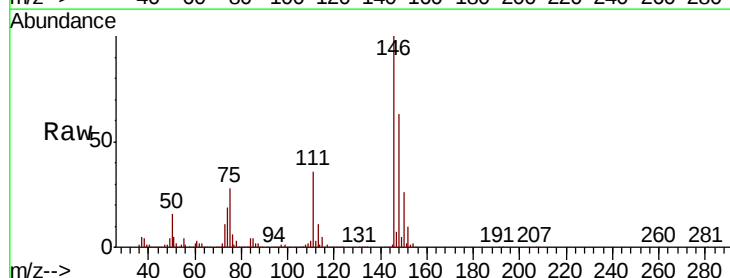
Tgt Ion:146 Resp: 569037

Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.0

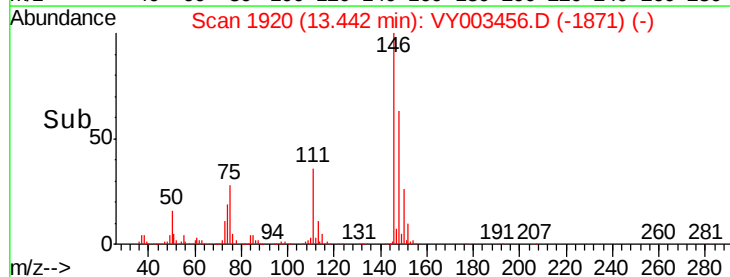
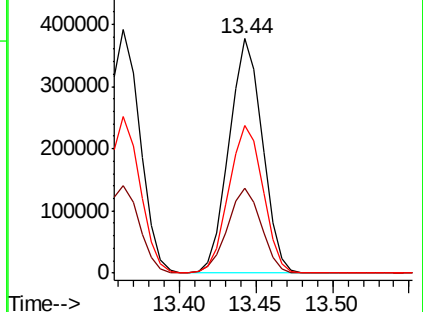
148 64.7 32.4 97.0

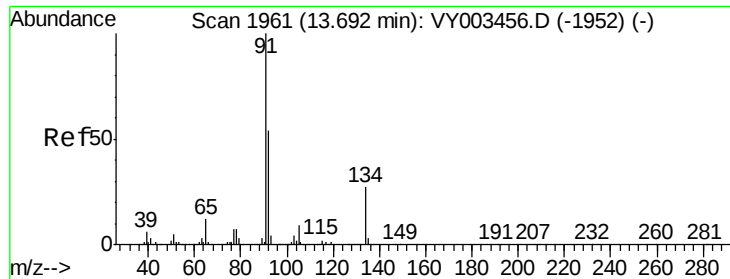


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

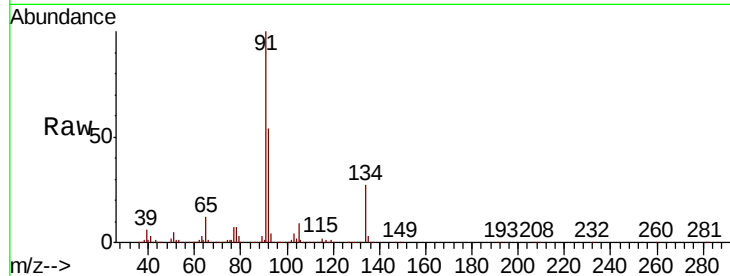




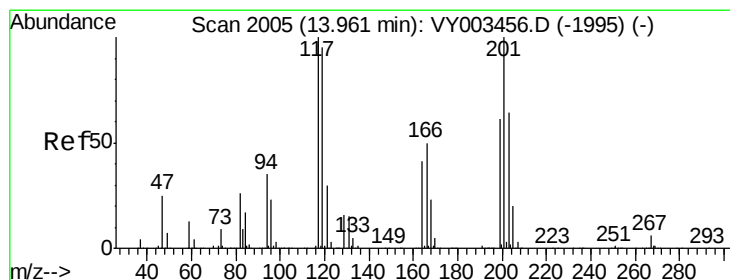
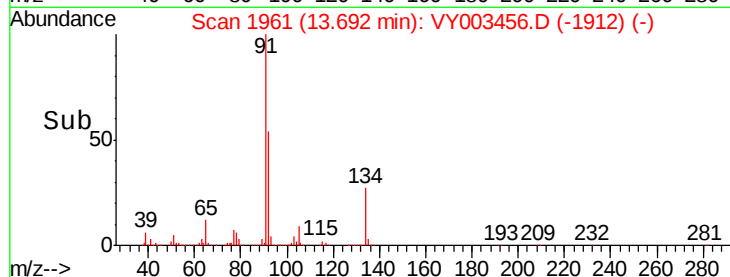
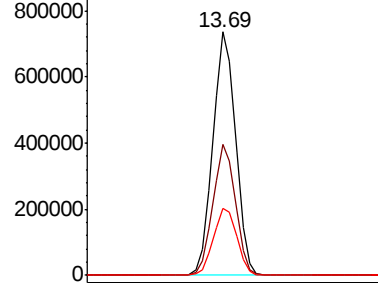
#89
n-Butylbenzene
Concen: 48.933 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 1042044
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 28.3 14.1 42.4

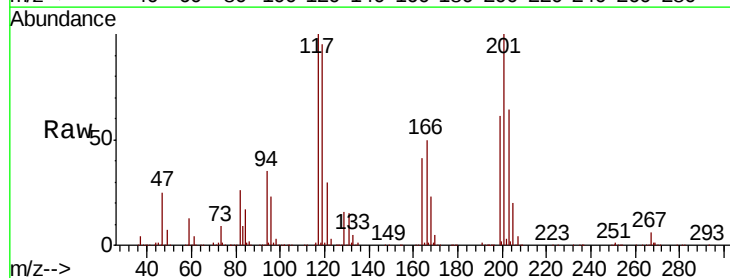


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

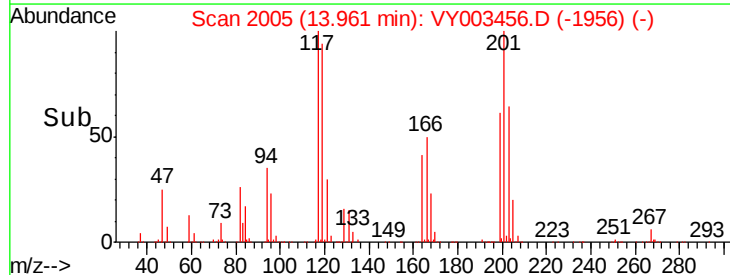
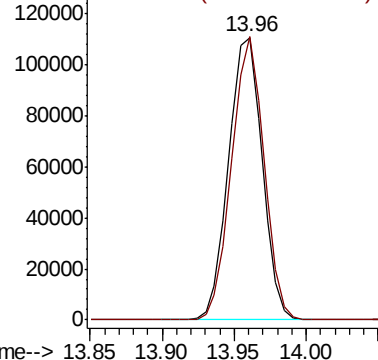


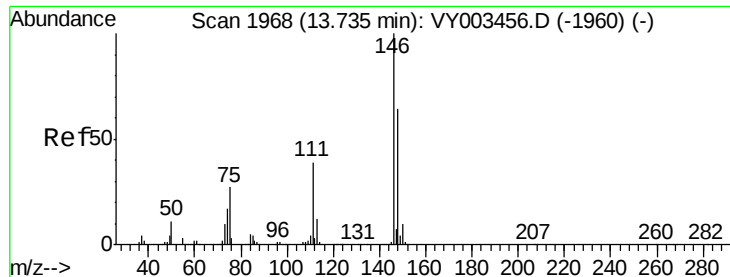
#90
Hexachloroethane
Concen: 42.449 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 117 Resp: 178896
Ion Ratio Lower Upper
117 100
201 96.5 48.3 144.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.508 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

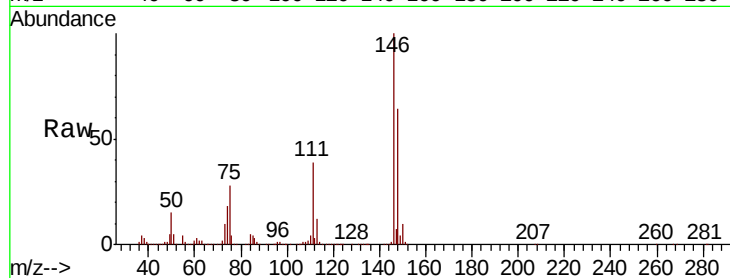
Tot Ion:146 Resp: 519491

Ion Ratio Lower Upper

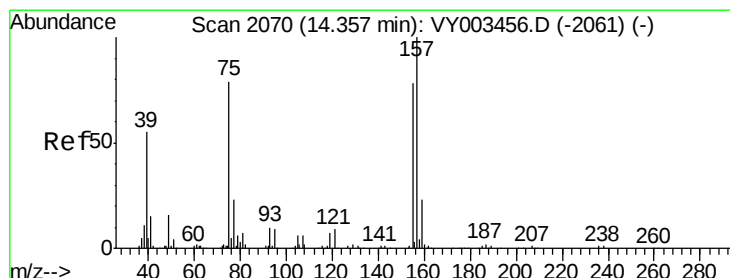
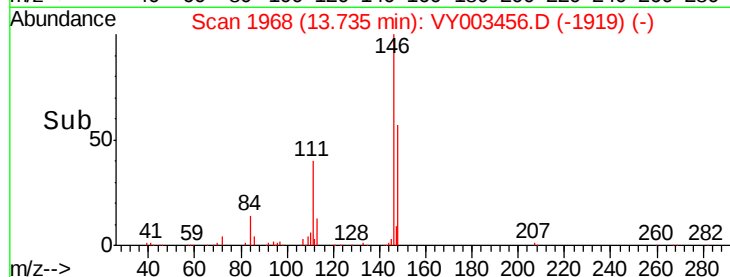
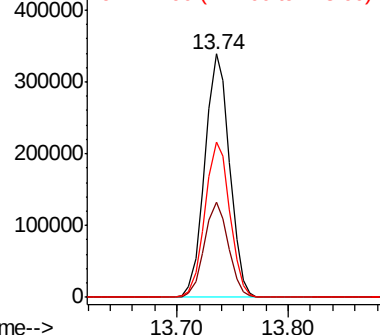
146 100

111 38.3 19.1 57.5

148 64.2 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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.413 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003456.D

Acq: 05 Oct 2020 16:12

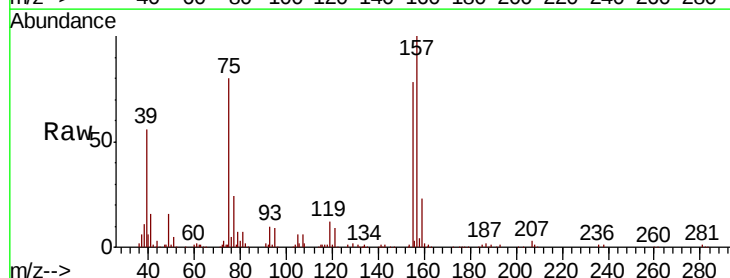
Tgt Ion: 75 Resp: 39893

Ion Ratio Lower Upper

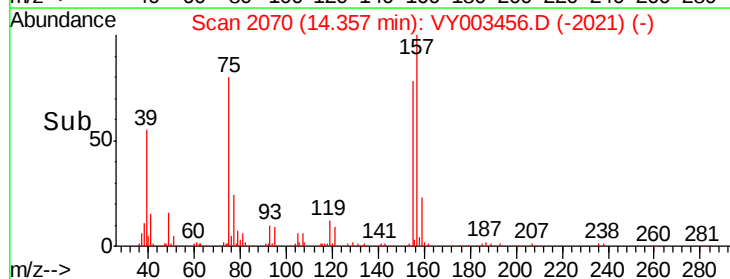
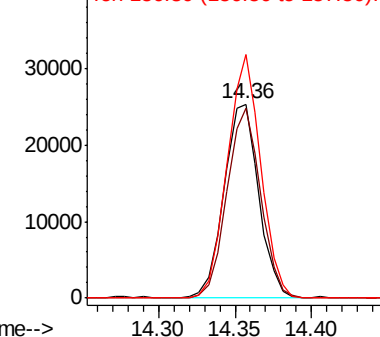
75 100

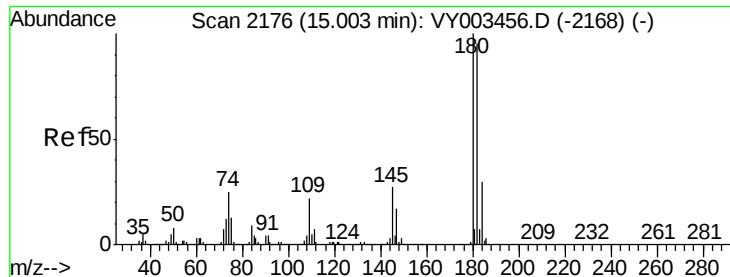
155 95.5 47.8 143.3

157 121.6 60.8 182.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

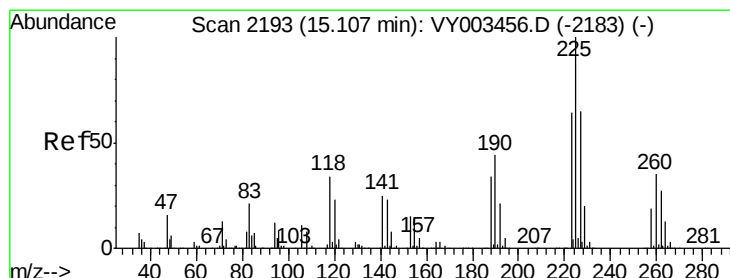
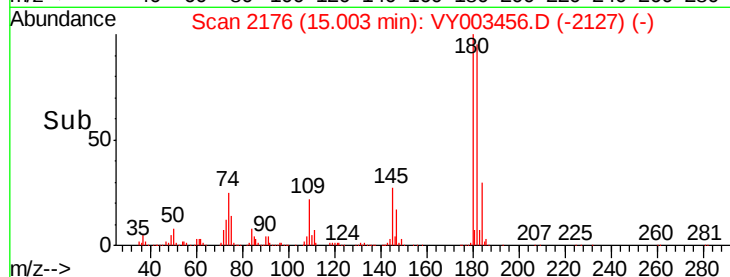
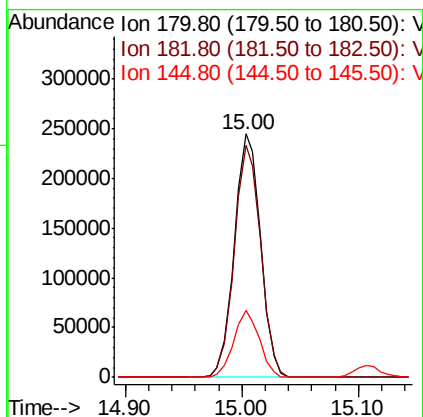
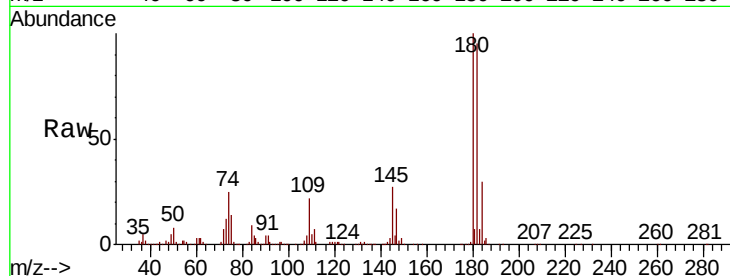




#93
 1,2,4-Trichlorobenzene
 Concen: 52.292 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

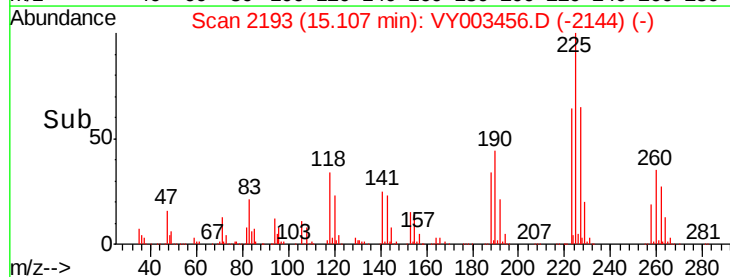
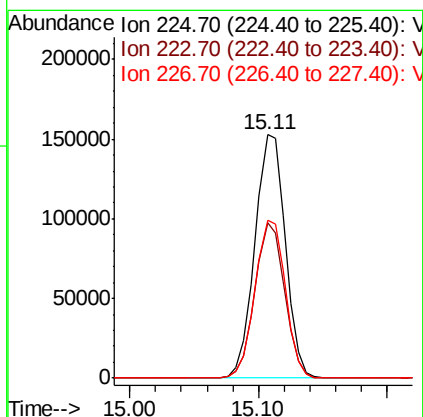
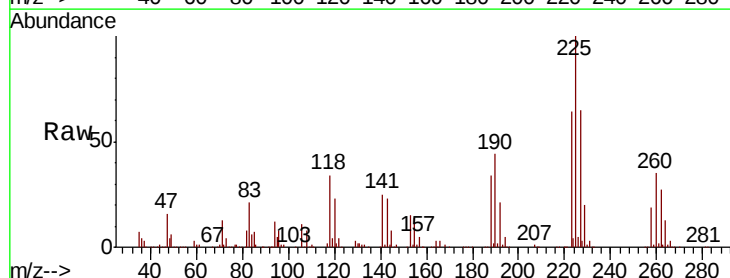
Instrument :
 MSVOA_Y
 ClientSampleId :

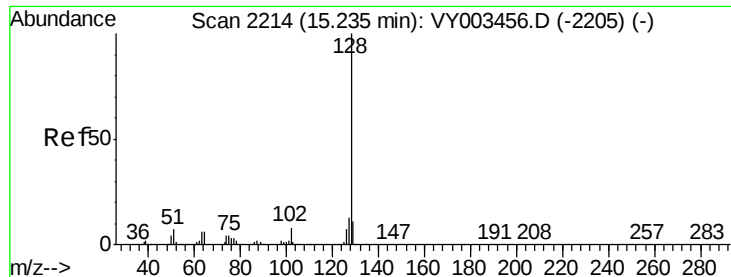
Tot Ion:180 Resp: 383555
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.0
 145 27.0 13.5 40.5



#94
 Hexachlorobutadiene
 Concen: 51.335 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003456.D
 Acq: 05 Oct 2020 16:12

Tgt Ion:225 Resp: 248356
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 64.9 32.5 97.4

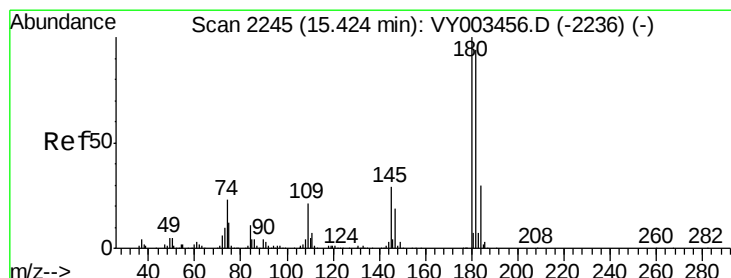
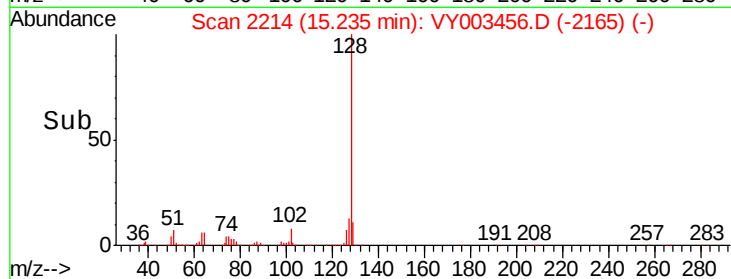
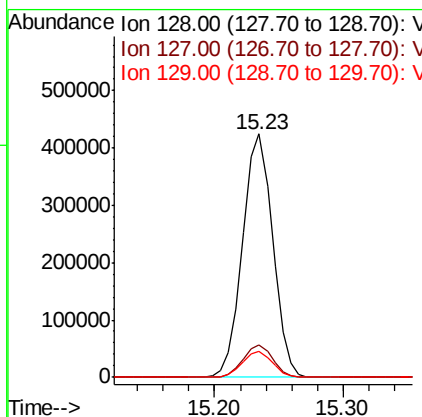
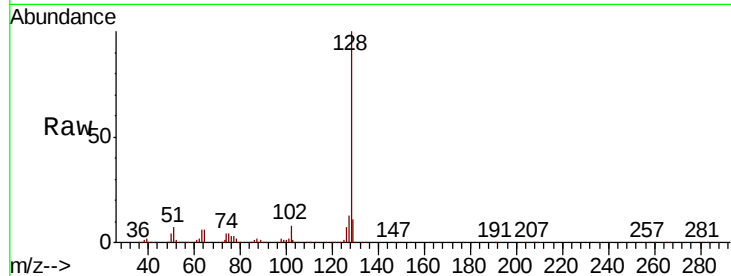




#95
Naphthalene
Concen: 54.672 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 685857
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.580 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003456.D
Acq: 05 Oct 2020 16:12

Tgt Ion:180 Resp: 333394
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 28.9 14.4 43.4

