

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003461.D
 Acq On : 05 Oct 2020 19:11
 Operator : SY/MD
 Sample : VY1005SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:26:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:23:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	529853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	777906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	729046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	395828	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	284317	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
35) Dibromofluoromethane	7.72	113	242880	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
50) Toluene-d8	10.18	98	1008377	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.48	95	346581	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	91372	22.188	ug/l	98
3) Chloromethane	2.12	50	127079	22.183	ug/l	98
4) Vinyl Chloride	2.25	62	140413	22.527	ug/l	99
5) Bromomethane	2.65	94	116447	18.993	ug/l	93
6) Chloroethane	2.79	64	81648	21.422	ug/l	97
7) Trichlorofluoromethane	3.13	101	162030	21.130	ug/l	97
8) Diethyl Ether	3.54	74	56162	22.079	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	90442	21.212	ug/l	98
10) Methyl Iodide	4.10	142	71779	30.148	ug/l	99
11) Tert butyl alcohol	4.96	59	69814	136.292	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	89314	21.242	ug/l	98
13) Acrolein	3.74	56	49103	98.873	ug/l	98
14) Allyl chloride	4.49	41	157903	20.997	ug/l	98
15) Acrylonitrile	5.17	53	126705	104.348	ug/l	98
16) Acetone	3.95	43	114812	88.619	ug/l	99
17) Carbon Disulfide	4.19	76	288777	21.012	ug/l	98
18) Methyl Acetate	4.48	43	64768	20.766	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	238998	21.485	ug/l	94
20) Methylene Chloride	4.72	84	123048	22.890	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	104170	21.130	ug/l	98
22) Diisopropyl ether	6.13	45	311201	22.062	ug/l	96
23) Vinyl Acetate	6.07	43	1081196	104.743	ug/l	99
24) 1,1-Dichloroethane	6.02	63	188091	21.574	ug/l	99
25) 2-Butanone	6.99	43	180819	96.944	ug/l	97
26) 2,2-Dichloropropane	6.99	77	157675	20.140	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	118242	21.511	ug/l	99
28) Bromochloromethane	7.34	49	86827	20.409	ug/l	99
29) Tetrahydrofuran	7.35	42	111311	101.479	ug/l	99
30) Chloroform	7.51	83	191290	21.630	ug/l	98
31) Cyclohexane	7.78	56	159515	20.577	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	172148	21.231	ug/l	99
36) 1,1-Dichloropropene	7.92	75	147635	20.237	ug/l	99
37) Ethyl Acetate	7.08	43	82734	19.192	ug/l	99
38) Carbon Tetrachloride	7.91	117	152164	19.891	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	163546	20.346	ug/l	96
40) Benzene	8.16	78	430173	20.780	ug/l	100
41) Methacrylonitrile	7.35	41	108189	49.225	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	134314	20.329	ug/l	100
43) Isopropyl Acetate	8.28	43	158798	19.675	ug/l	99
44) Trichloroethene	8.94	130	121994	20.009	ug/l	98
45) 1,2-Dichloropropane	9.22	63	110714	20.985	ug/l	99
46) Dibromomethane	9.31	93	59918	20.085	ug/l	98
47) Bromodichloromethane	9.50	83	149891	20.495	ug/l	99
48) Methyl methacrylate	9.30	41	72959	19.090	ug/l	97
49) 1,4-Dioxane	9.30	88	13630	387.013	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	414026	96.360	ug/l	98
52) Toluene	10.24	92	271380	20.342	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	157901	20.187	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	177889	20.396	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	86182	20.205	ug/l	97
56) Ethyl methacrylate	10.51	69	114236	19.906	ug/l	97
57) 1,3-Dichloropropane	10.79	76	150783	20.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	312485	103.931	ug/l	99
59) 2-Hexanone	10.83	43	284641	94.310	ug/l	98
60) Dibromochloromethane	10.99	129	108275	20.053	ug/l	100
61) 1,2-Dibromoethane	11.09	107	82614	20.134	ug/l	98
64) Tetrachloroethene	10.72	164	133988	20.393	ug/l	99
65) Chlorobenzene	11.52	112	299981	20.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	114268	20.597	ug/l	98
67) Ethyl Benzene	11.59	91	529858	20.312	ug/l	100
68) m/p-Xylenes	11.70	106	403024	40.502	ug/l	100
69) o-Xylene	12.03	106	188453	20.169	ug/l	100
70) Styrene	12.04	104	327630	20.570	ug/l	99
71) Bromoform	12.20	173	72754	19.668	ug/l #	97
73) Isopropylbenzene	12.33	105	517827	20.897	ug/l	100
74) N-amyl acetate	12.14	43	143115	20.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	97318	20.354	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	138168	40.368	ug/l #	100
77) Bromobenzene	12.61	156	135269	20.520	ug/l	99
78) n-propylbenzene	12.67	91	612026	20.777	ug/l	100
79) 2-Chlorotoluene	12.75	91	348901	21.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	448985	21.121	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	35028	19.488	ug/l	98
82) 4-Chlorotoluene	12.85	91	363174	20.672	ug/l	99
83) tert-Butylbenzene	13.07	119	380678	20.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	453171	21.110	ug/l	97
85) sec-Butylbenzene	13.25	105	531539	20.852	ug/l	100
86) p-Isopropyltoluene	13.37	119	494076	20.342	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	257356	20.395	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	256028	20.412	ug/l	99
89) n-Butylbenzene	13.69	91	453359	20.487	ug/l	99
90) Hexachloroethane	13.95	117	79399	20.881	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	233359	20.751	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18103	19.979	ug/l	95

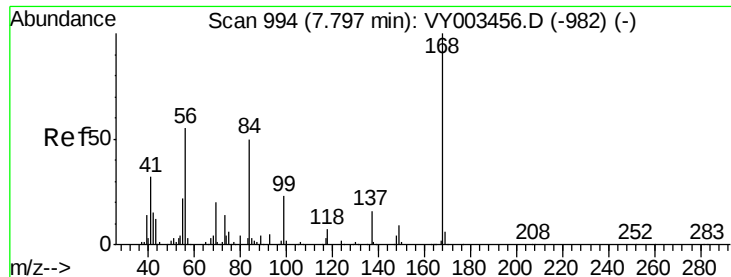
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
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QLast Update : Tue Oct 06 04:23:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	168531	20.194	ug/l	100
94) Hexachlorobutadiene	15.11	225	114129	20.876	ug/l	98
95) Naphthalene	15.23	128	296608	20.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	146508	20.264	ug/l	100

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

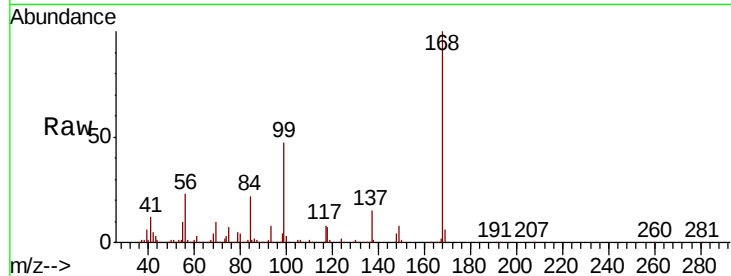


#1

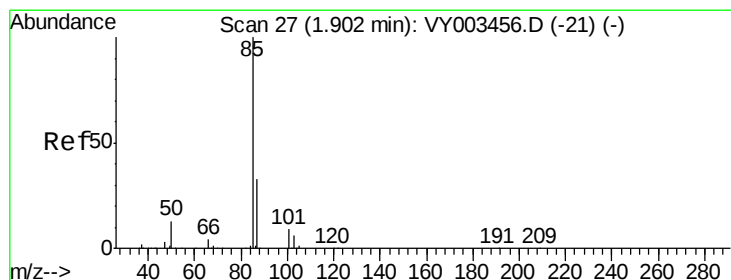
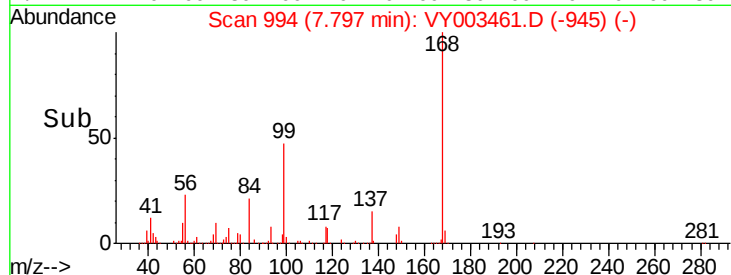
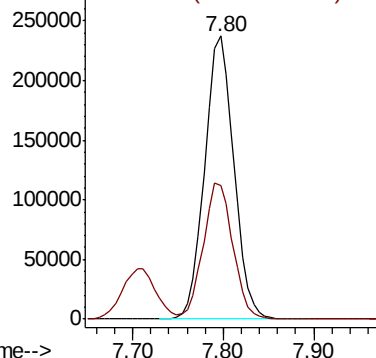
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 529853
 Ion Ratio Lower Upper
 168 100
 99 47.0 40.4 60.6



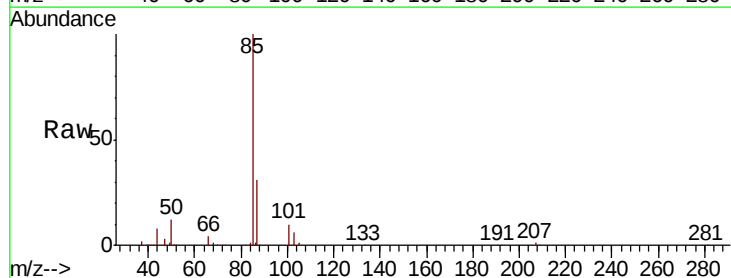
Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)
 Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)



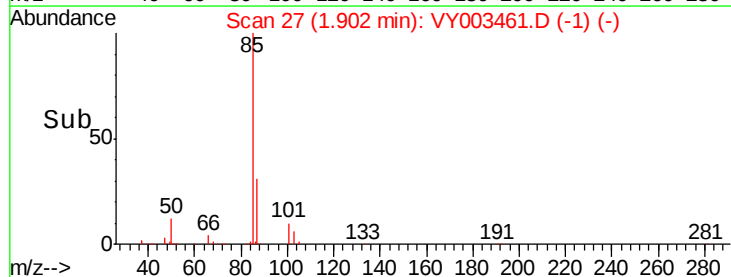
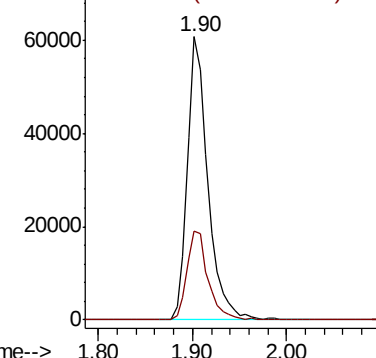
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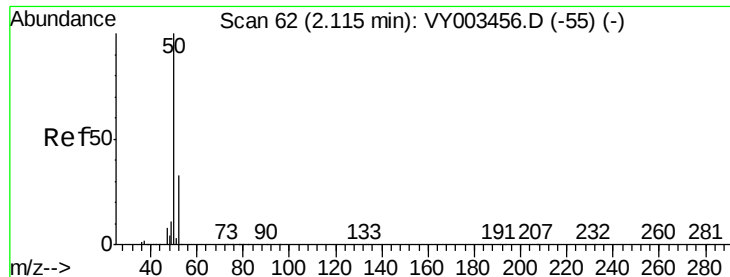
Dichlorodifluoromethane
 Concen: 22.188 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 85 Resp: 91372
 Ion Ratio Lower Upper
 85 100
 87 31.2 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) (-)





#3

Chloromethane

Concen: 22.183 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

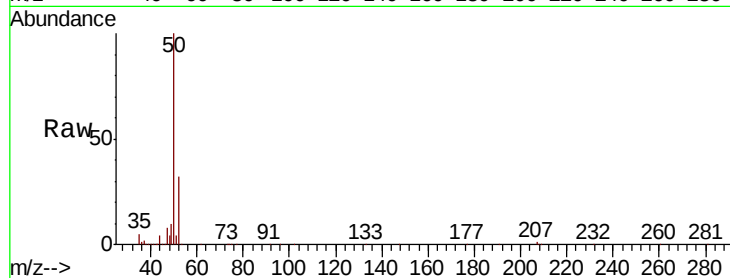
ClientSampleId :

Tot Ion: 50 Resp: 127079

Ion Ratio Lower Upper

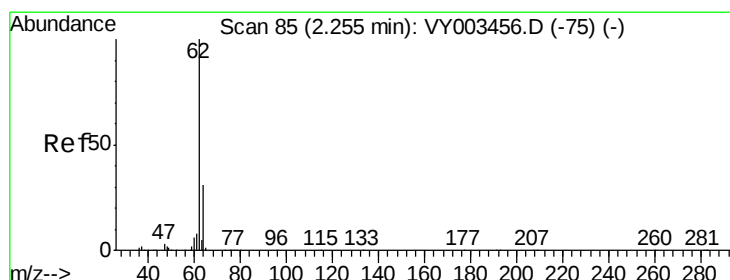
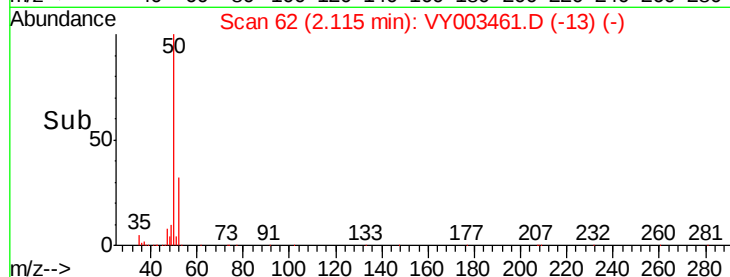
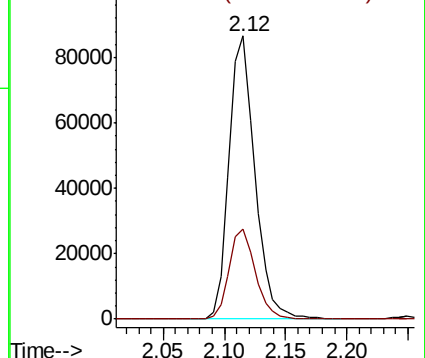
50 100

52 31.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.527 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003461.D

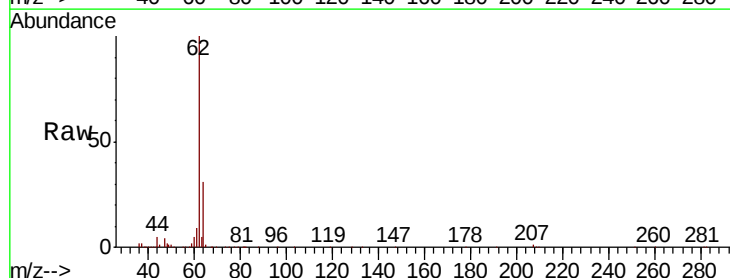
Acq: 05 Oct 2020 19:11

Tgt Ion: 62 Resp: 140413

Ion Ratio Lower Upper

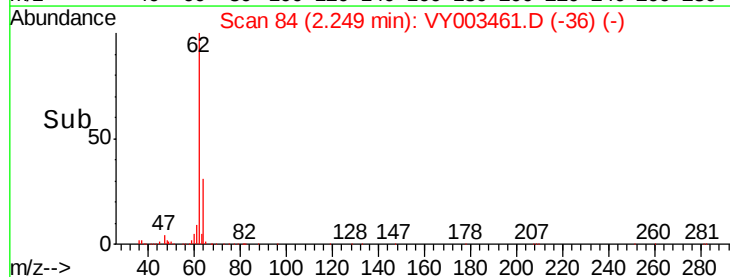
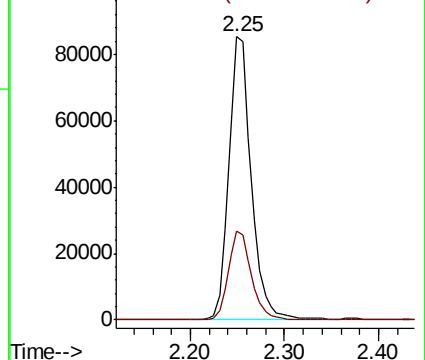
62 100

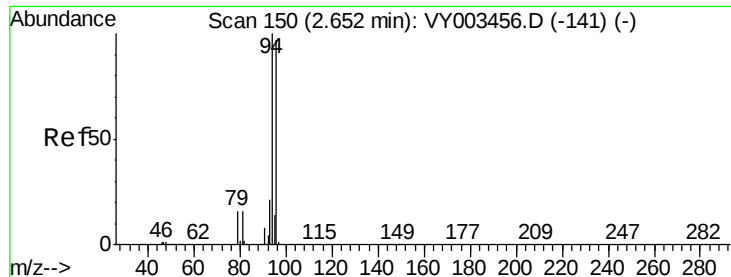
64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.993 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

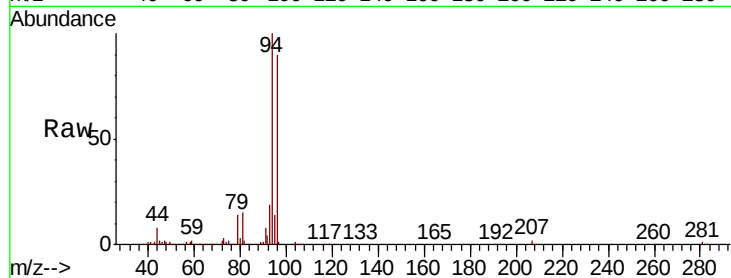
ClientSampleId :

Tot Ion: 94 Resp: 116447

Ion Ratio Lower Upper

94 100

96 90.1 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

50000

40000

30000

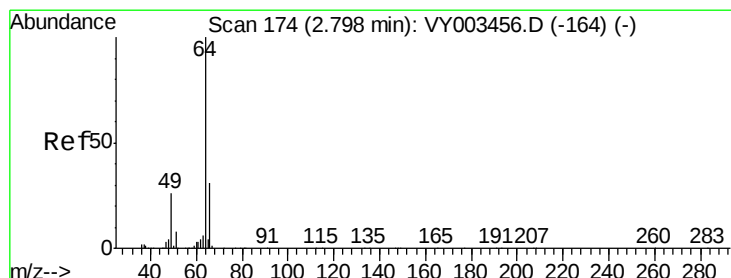
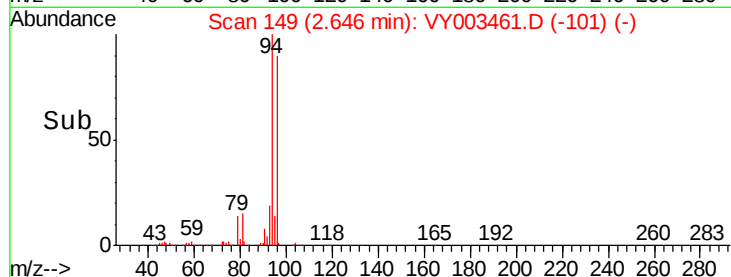
20000

10000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 21.422 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003461.D

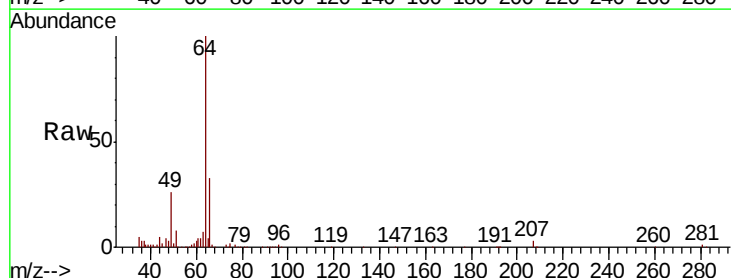
Acq: 05 Oct 2020 19:11

Tgt Ion: 64 Resp: 81648

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

40000

30000

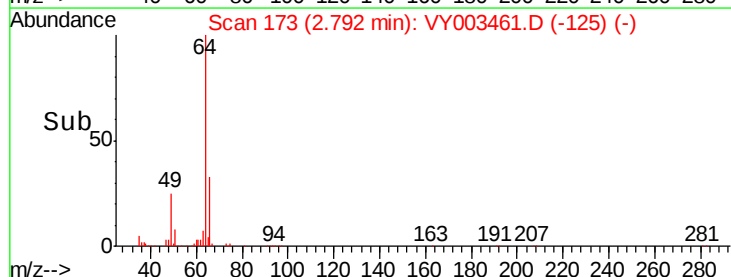
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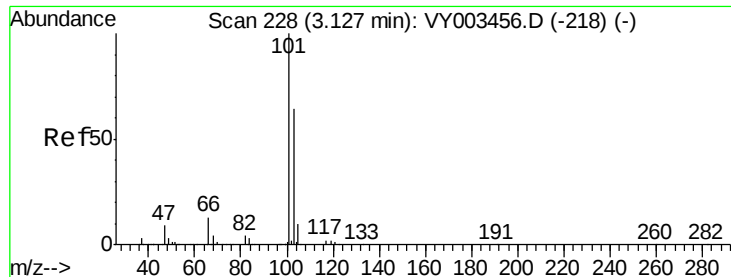
10000

0

2.70 2.80 2.90

Time-->



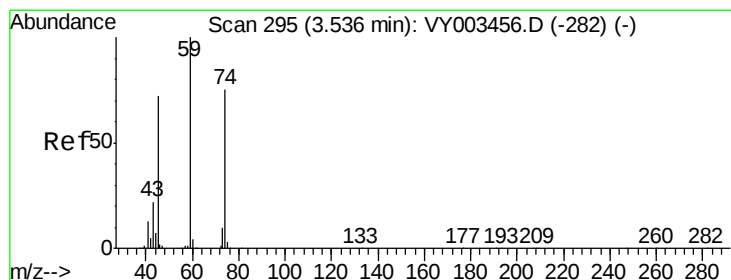
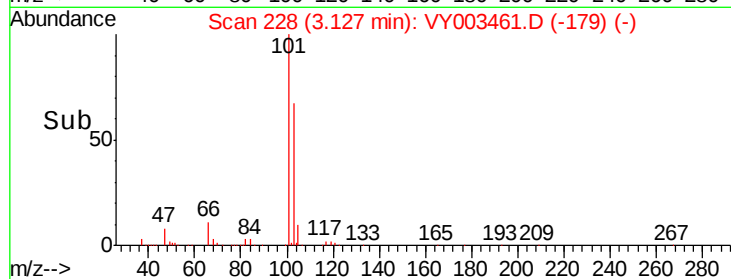
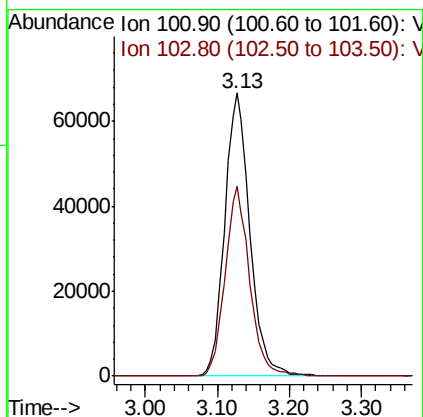
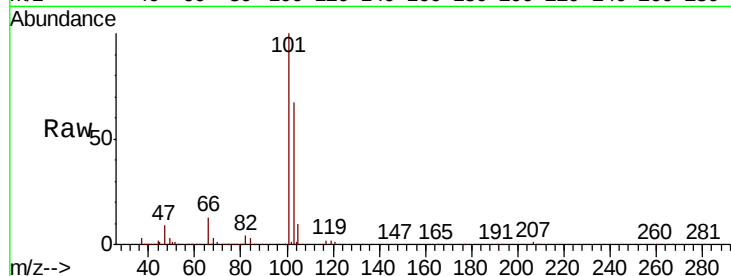


#7

Trichlorofluoromethane
 Concen: 21.130 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :

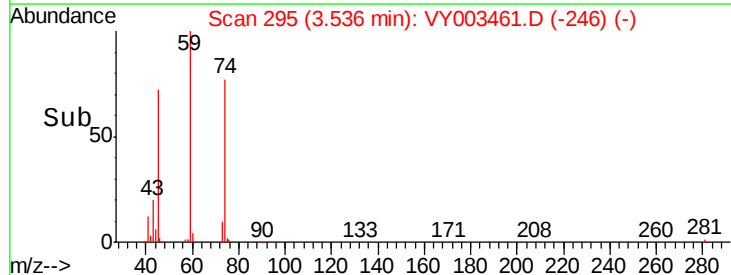
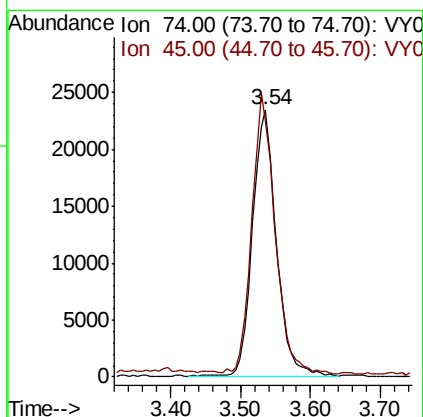
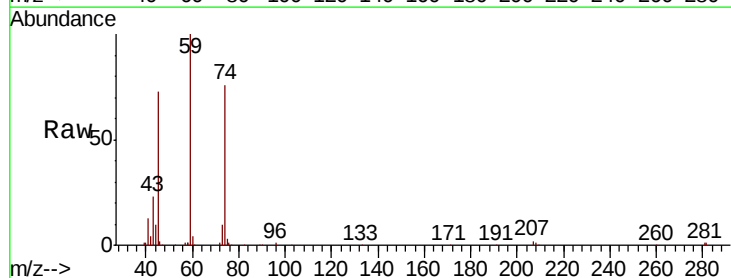
Tot Ion:101 Resp: 162030
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.6 77.4

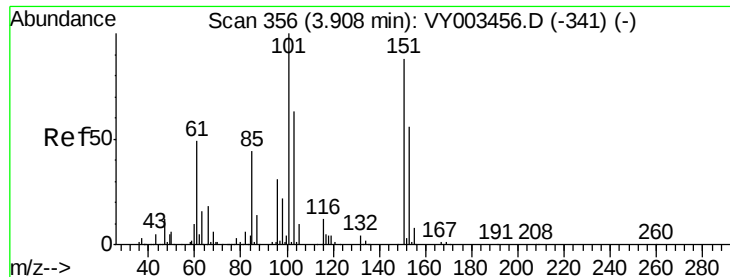


#8

Diethyl Ether
 Concen: 22.079 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 74 Resp: 56162
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.212 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

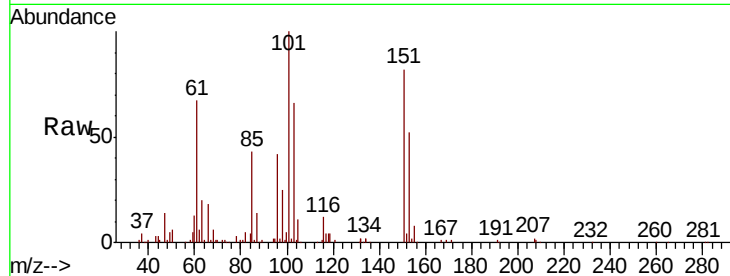
Tot Ion:101 Resp: 90442

Ion Ratio Lower Upper

101 100

85 44.9 35.5 53.3

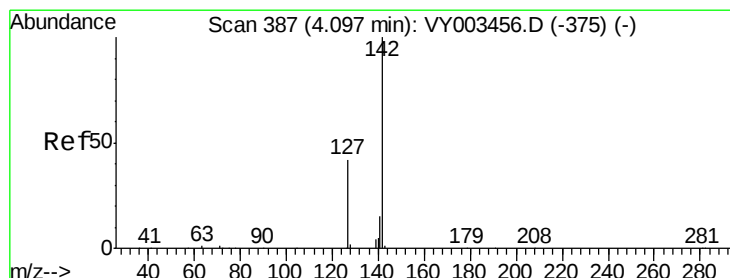
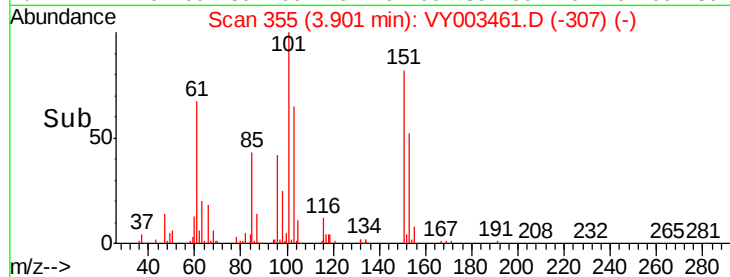
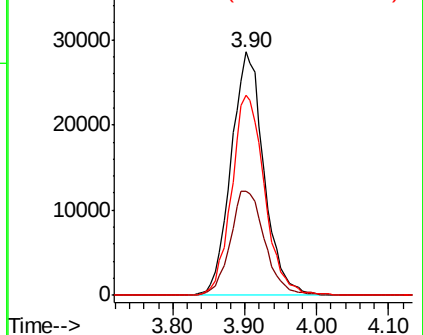
151 82.7 67.9 101.9



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: 30.148 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

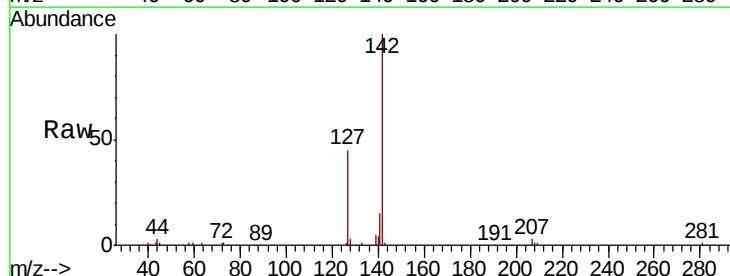
Tgt Ion:142 Resp: 71779

Ion Ratio Lower Upper

142 100

127 44.1 34.9 52.3

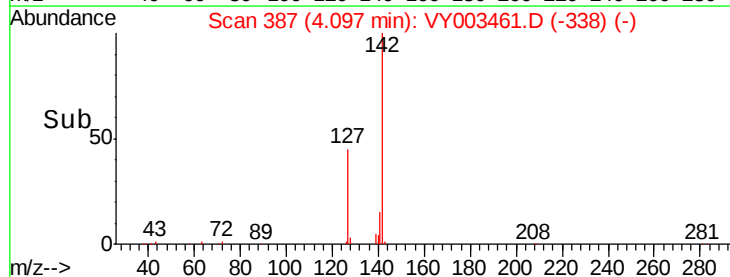
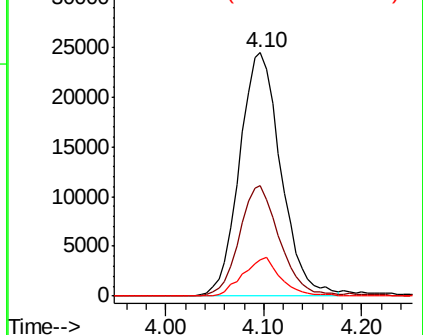
141 14.6 11.9 17.9

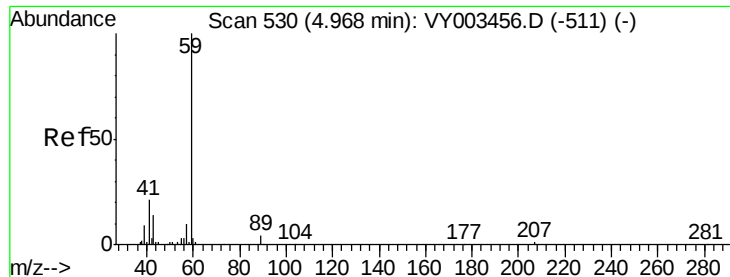


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

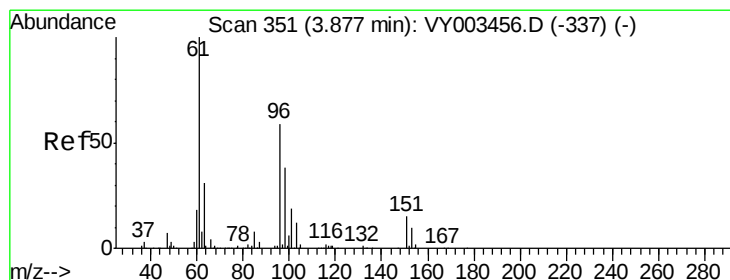
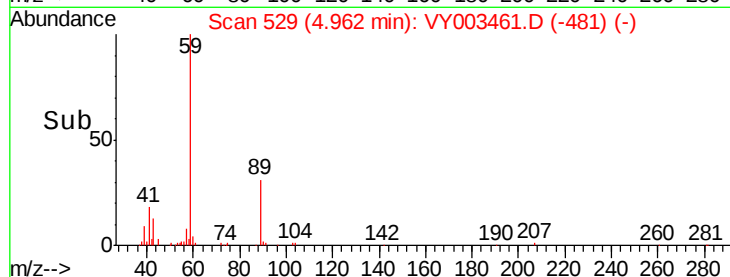
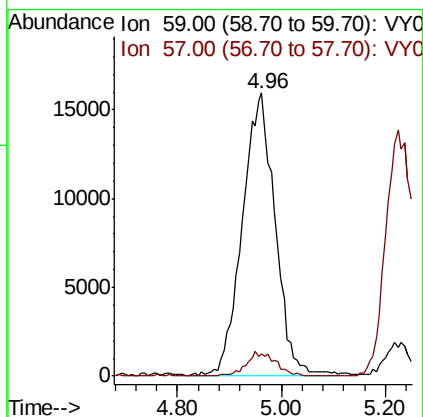
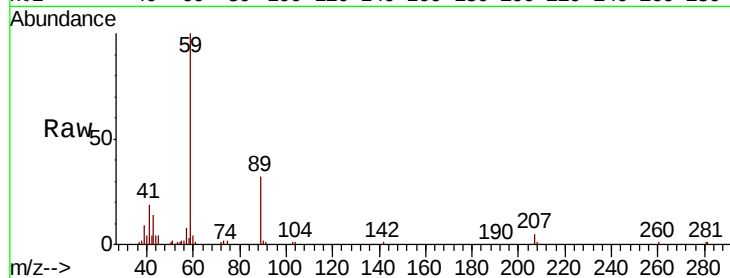




#11
Tert butyl alcohol
Concen: 136.292 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

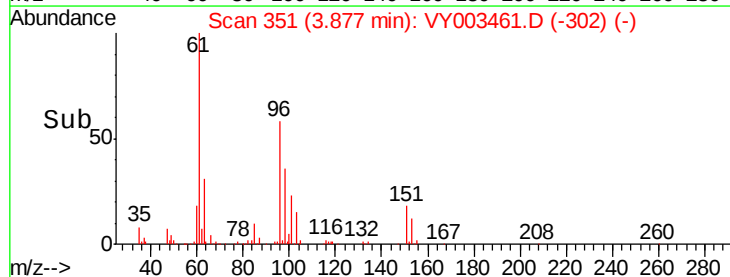
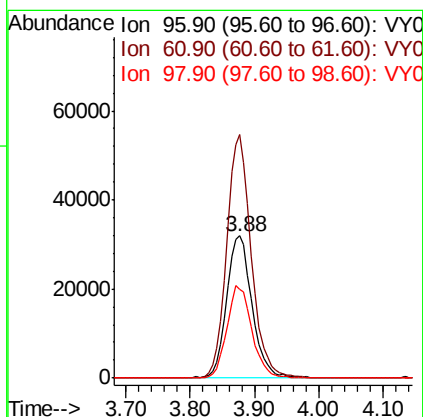
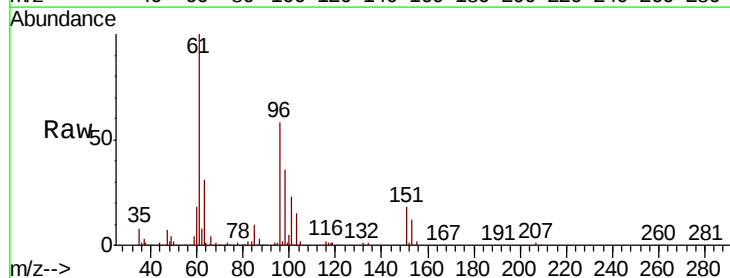
Instrument :
MSVOA_Y
ClientSampleId :

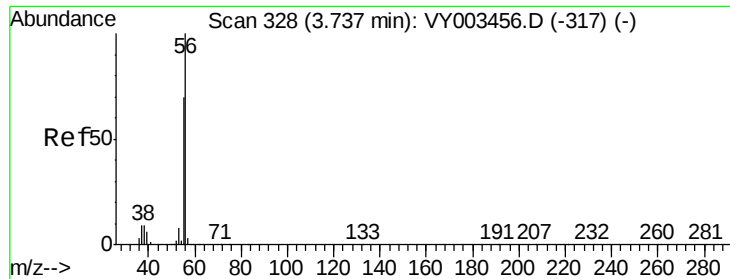
Tot Ion: 59 Resp: 69814
Ion Ratio Lower Upper
59 100
57 7.5 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 21.242 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 96 Resp: 89314
Ion Ratio Lower Upper
96 100
61 171.3 134.6 202.0
98 62.1 51.1 76.7

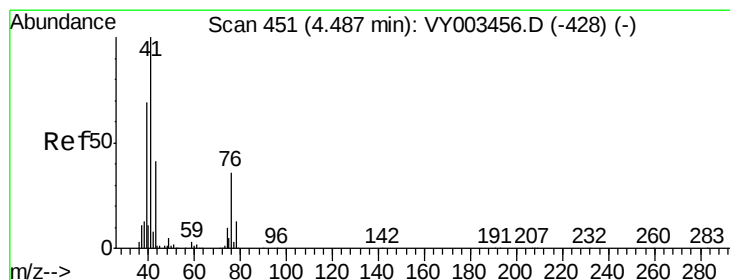
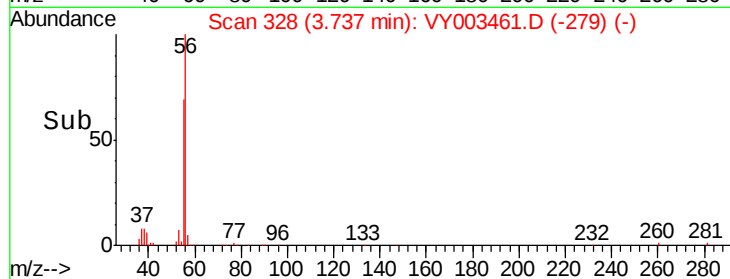
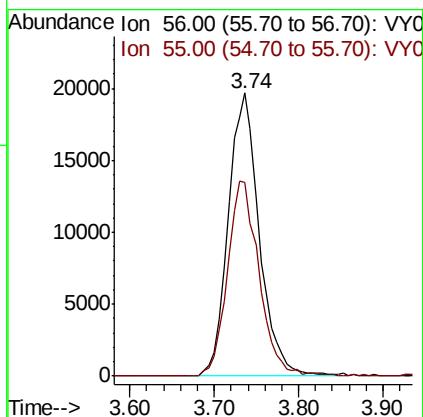
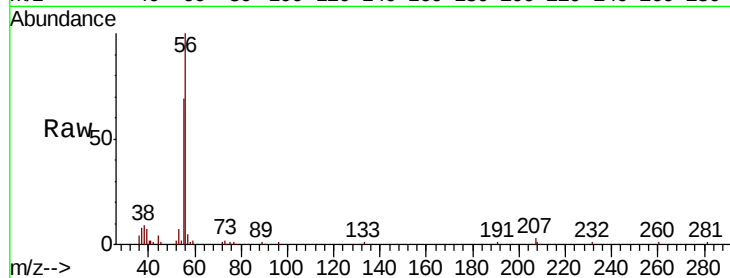




#13
Acrolein
Concen: 98.873 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

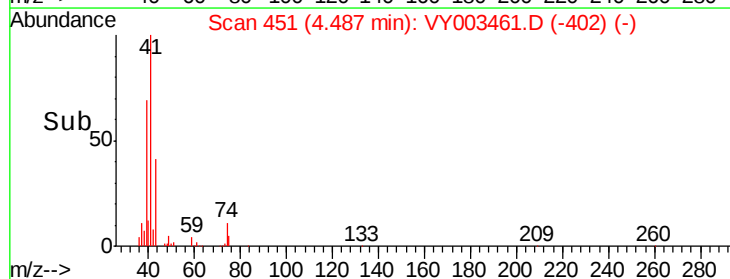
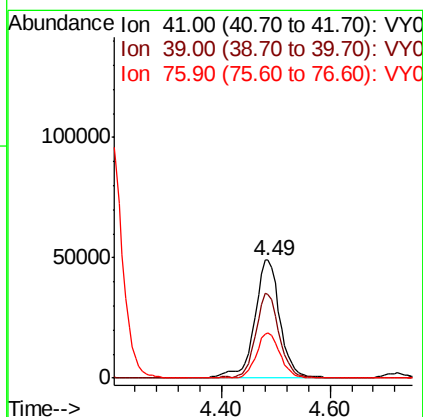
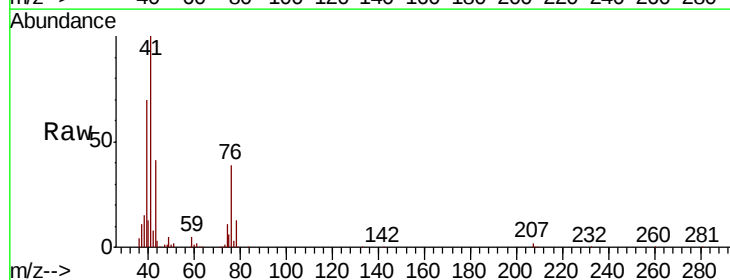
Instrument :
MSVOA_Y
ClientSampleId :

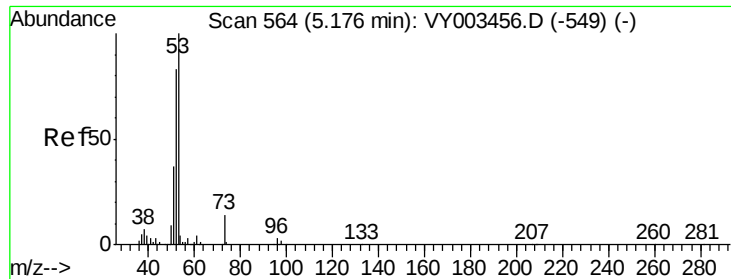
Tot Ion: 56 Resp: 49103
Ion Ratio Lower Upper
56 100
55 70.4 57.9 86.9



#14
Allyl chloride
Concen: 20.997 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 41 Resp: 157903
Ion Ratio Lower Upper
41 100
39 67.2 54.6 82.0
76 35.9 27.5 41.3





#15

Acrylonitrile

Concen: 104.348 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

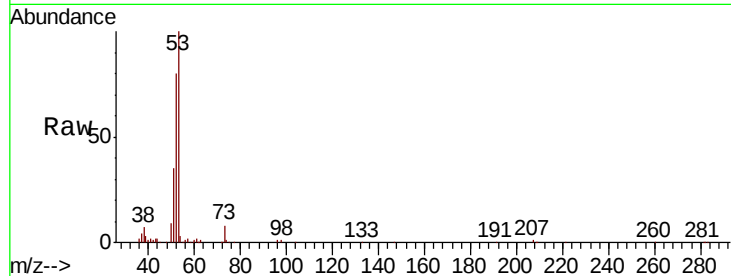
Tot Ion: 53 Resp: 126705

Ion Ratio Lower Upper

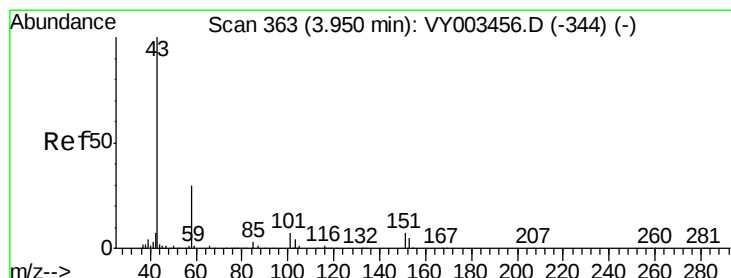
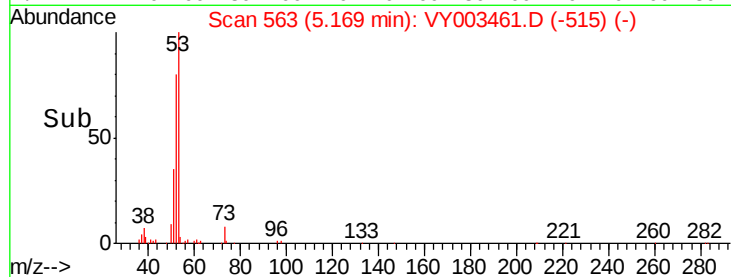
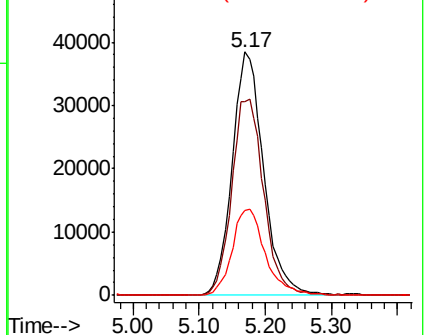
53 100

52 82.1 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: 88.619 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003461.D

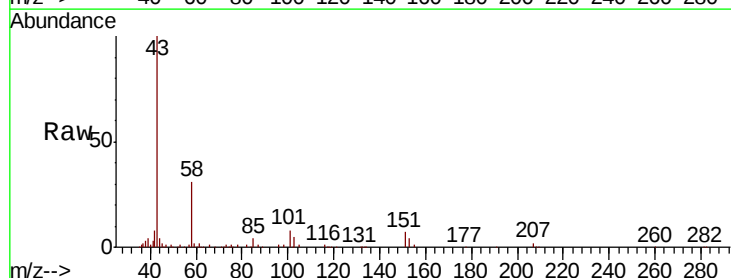
Acq: 05 Oct 2020 19:11

Tgt Ion: 43 Resp: 114812

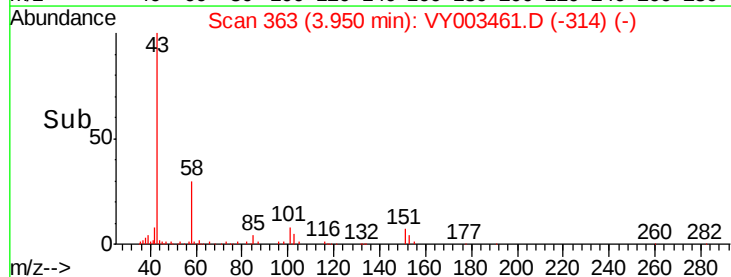
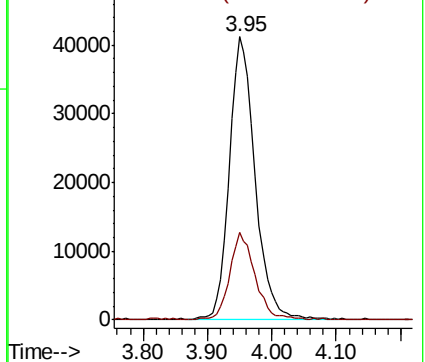
Ion Ratio Lower Upper

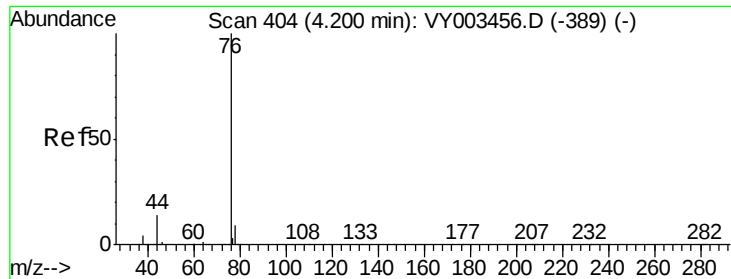
43 100

58 30.5 23.8 35.8



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

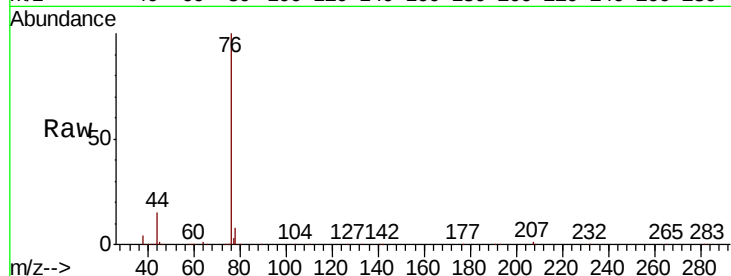




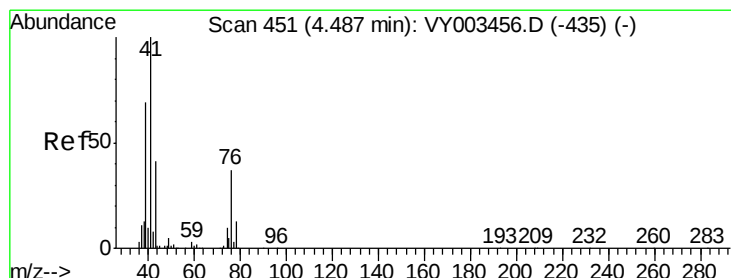
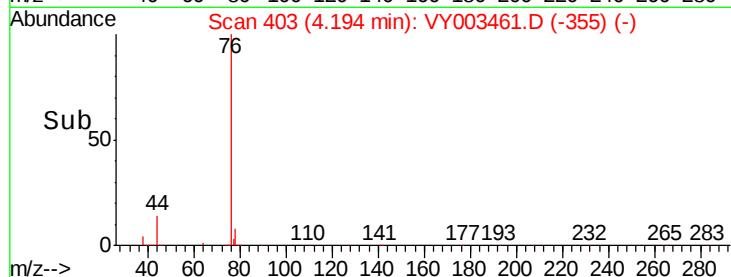
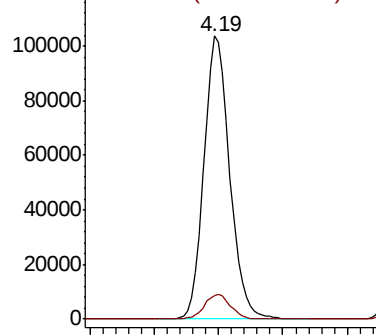
#17
Carbon Disulfide
Concen: 21.012 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 76 Resp: 288777
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

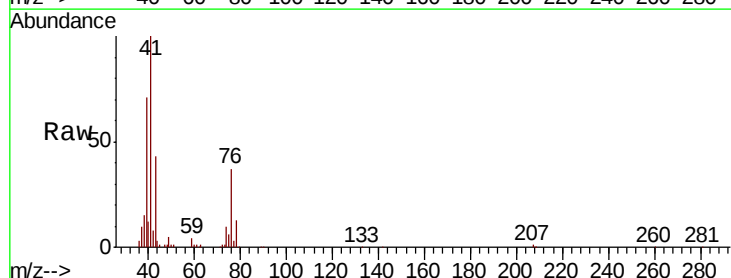


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

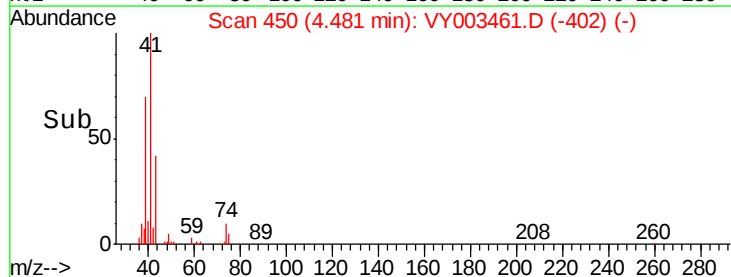
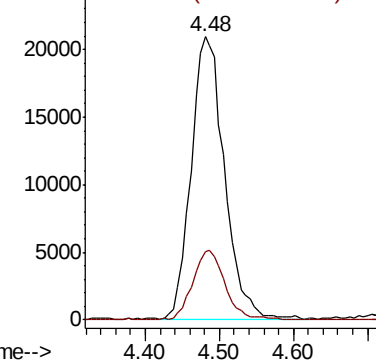


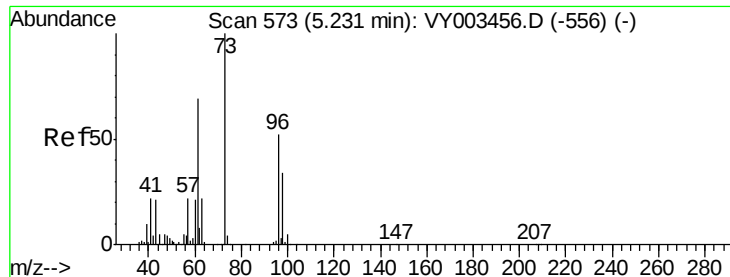
#18
Methyl Acetate
Concen: 20.766 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 43 Resp: 64768
Ion Ratio Lower Upper
43 100
74 24.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

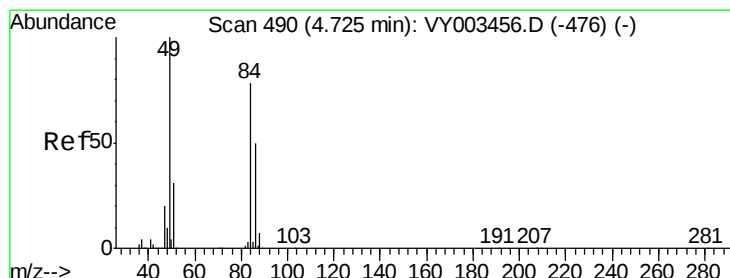
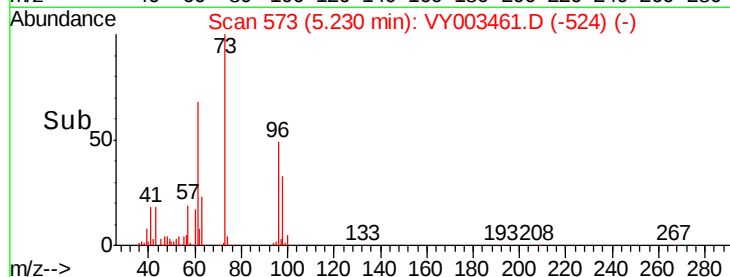
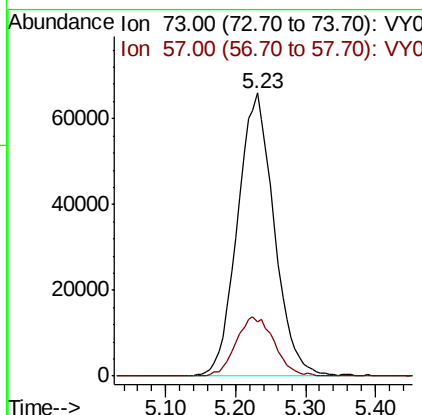
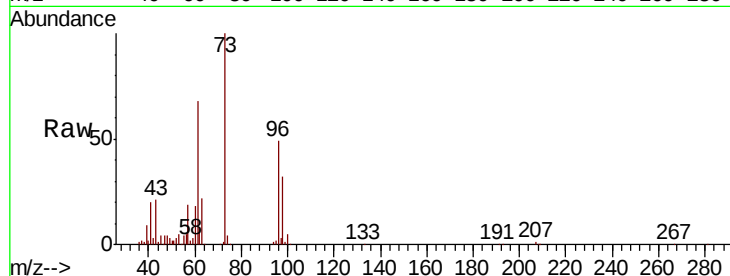




#19
Methvl tert-butvl Ether
Concen: 21.485 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

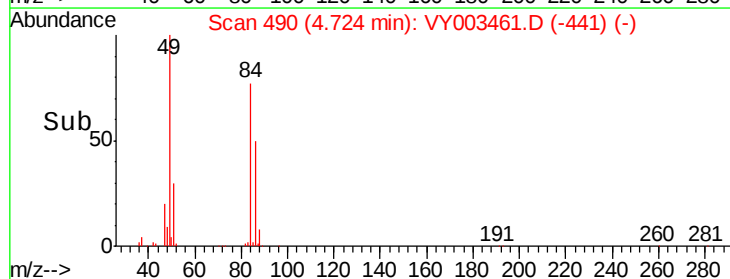
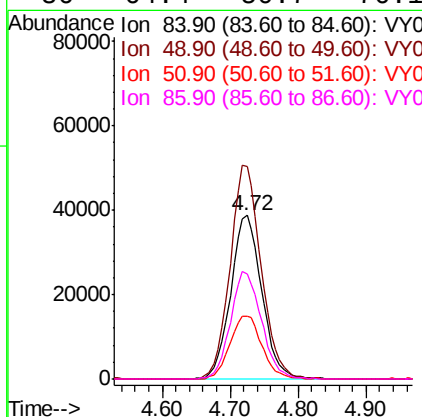
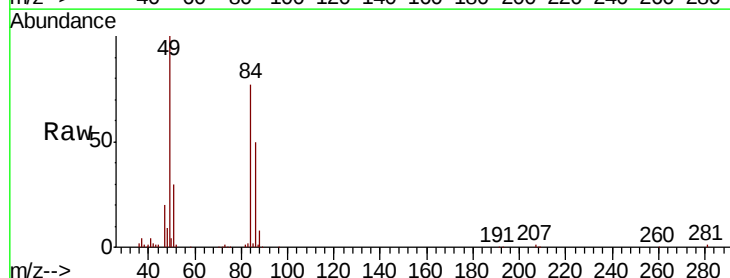
Instrument :
MSVOA_Y
ClientSampleId :

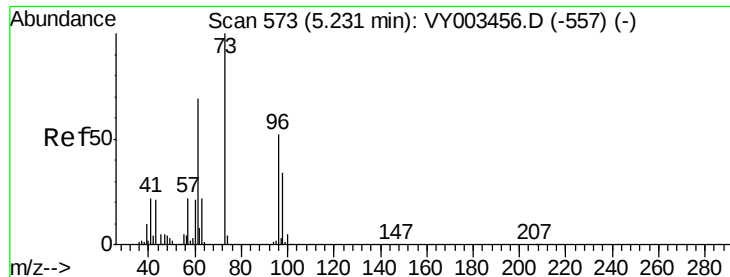
Tot Ion: 73 Resp: 238998
Ion Ratio Lower Upper
73 100
57 19.4 17.9 26.9



#20
Methylene Chloride
Concen: 22.890 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 84 Resp: 123048
Ion Ratio Lower Upper
84 100
49 129.6 102.2 153.2
51 38.5 32.0 48.0
86 64.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

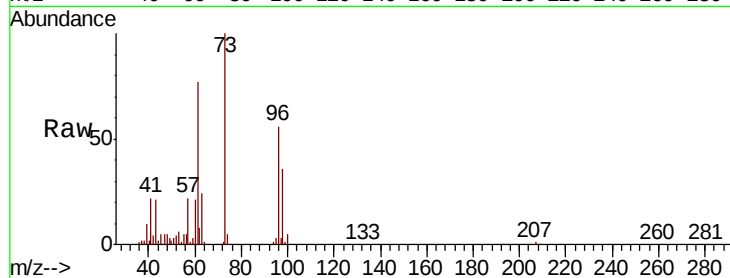
Tot Ion: 96 Resp: 104170

Ion Ratio Lower Upper

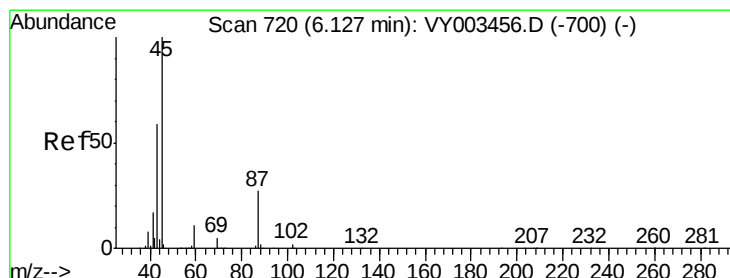
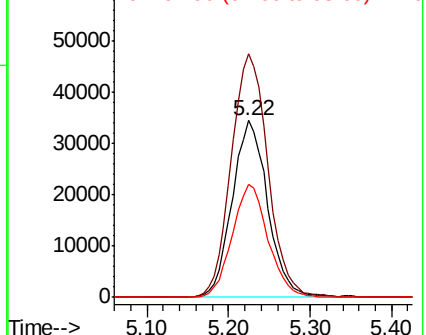
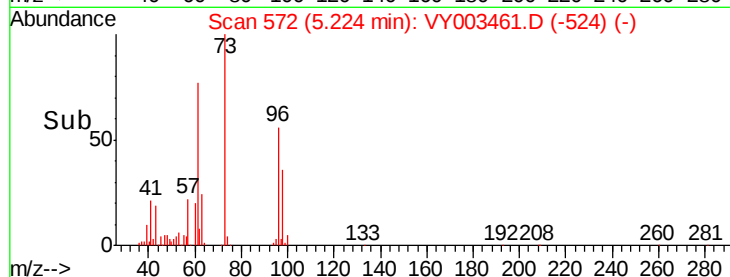
96 100

61 137.6 107.6 161.4

98 64.1 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: 22.062 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Tgt Ion: 45 Resp: 311201

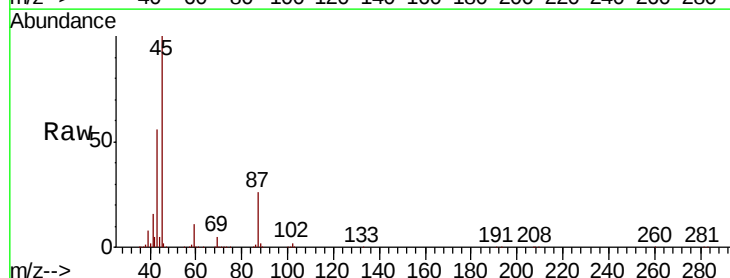
Ion Ratio Lower Upper

45 100

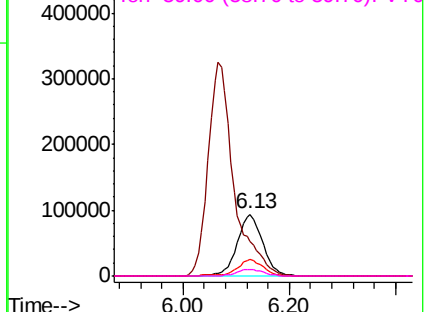
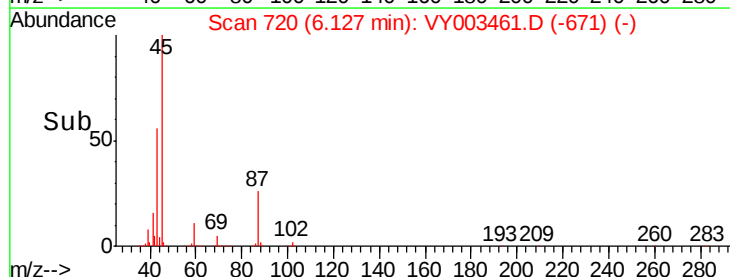
43 55.8 47.5 71.3

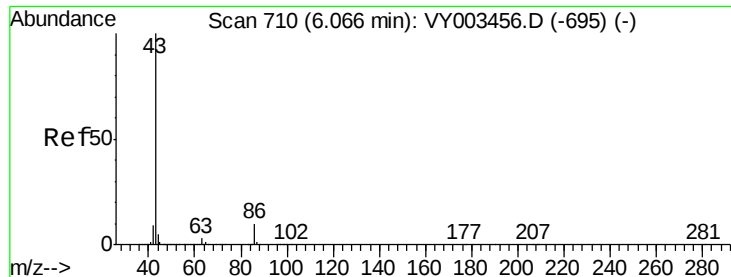
87 26.1 22.2 33.2

59 10.7 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

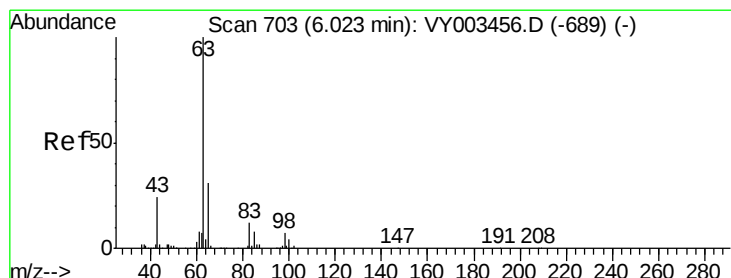
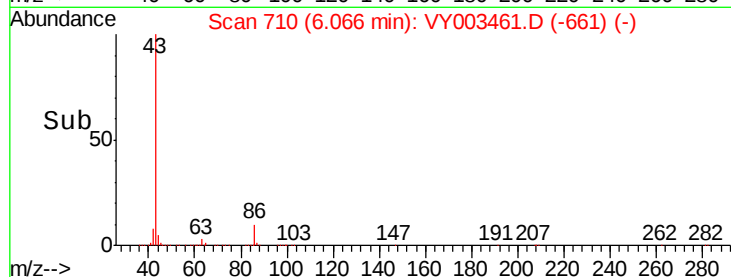
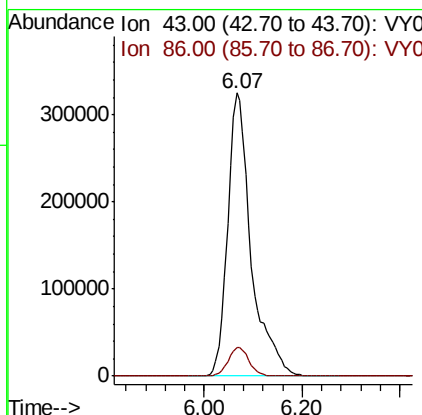
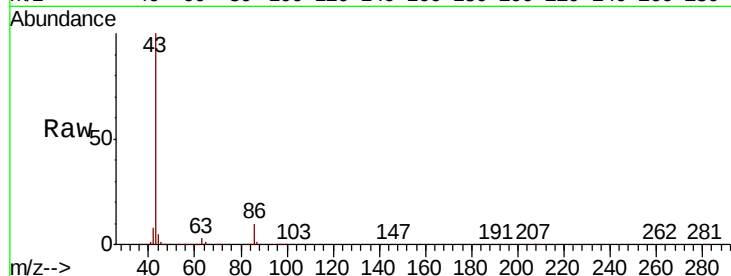




#23
 Vinyl Acetate
 Concen: 104.743 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

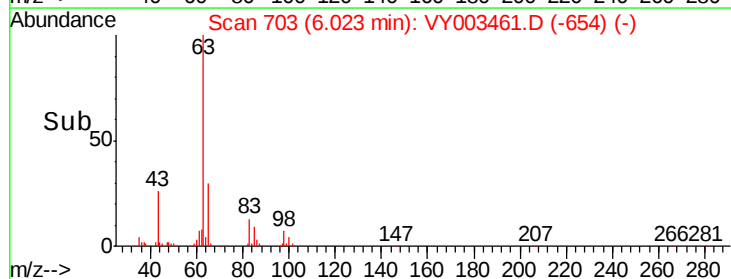
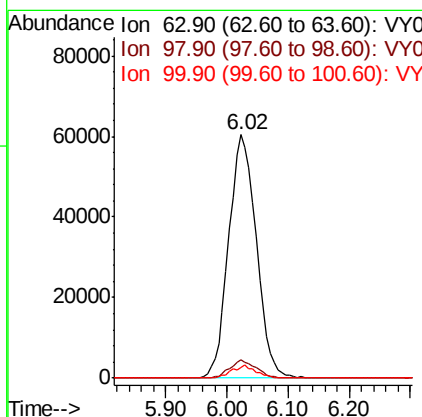
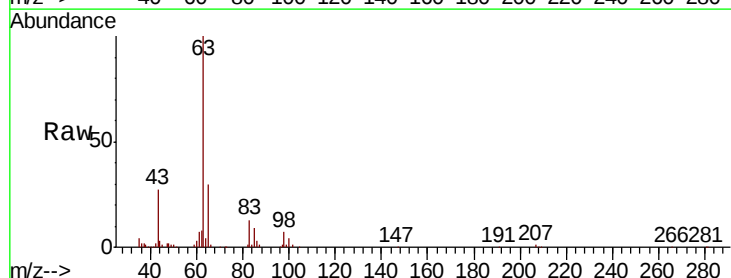
Instrument :
 MSVOA_Y
 ClientSampleId :

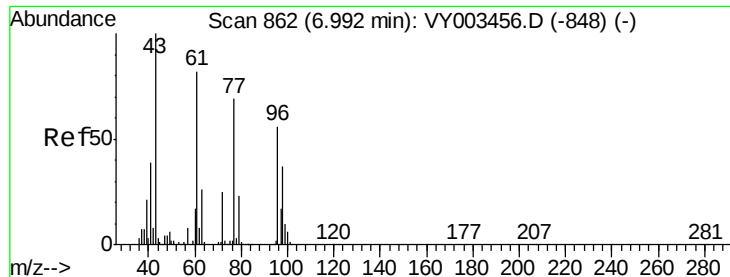
Tot Ion: 43 Resp: 1081196
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.574 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 63 Resp: 188091
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 96.944 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

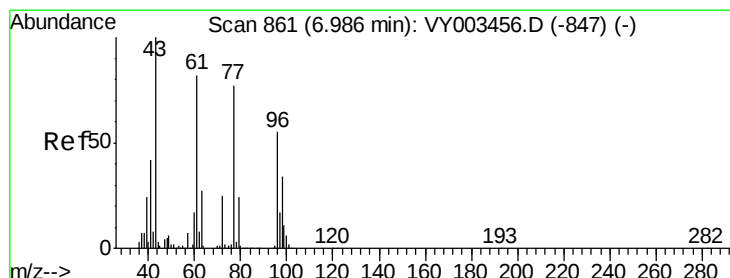
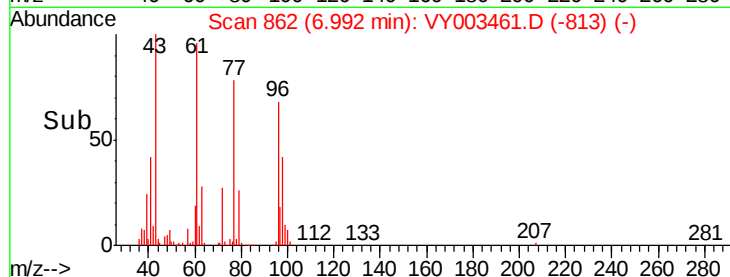
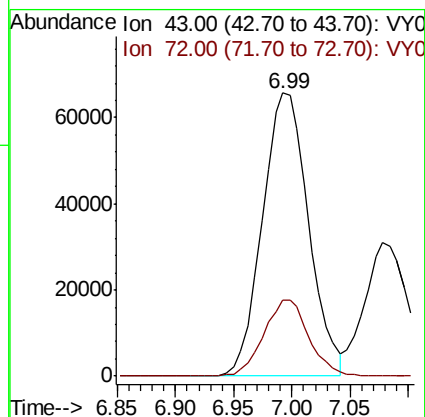
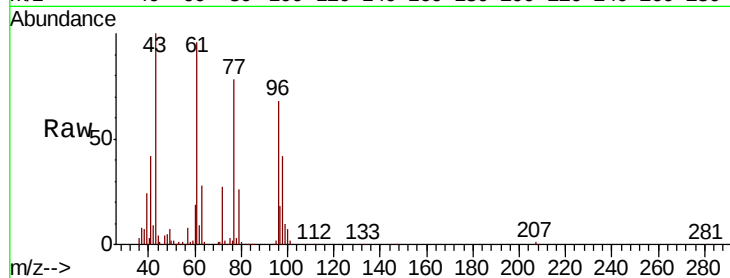
ClientSampleId :

Tot Ion: 43 Resp: 180819

Ion Ratio Lower Upper

43 100

72 26.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 20.140 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003461.D

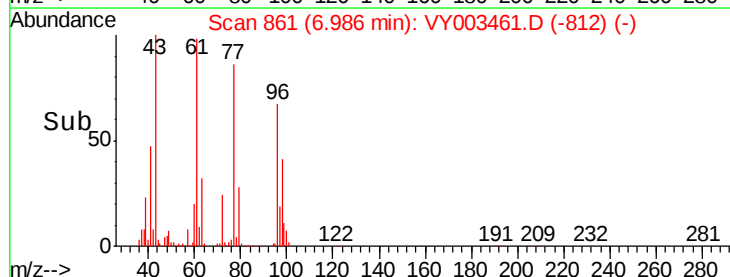
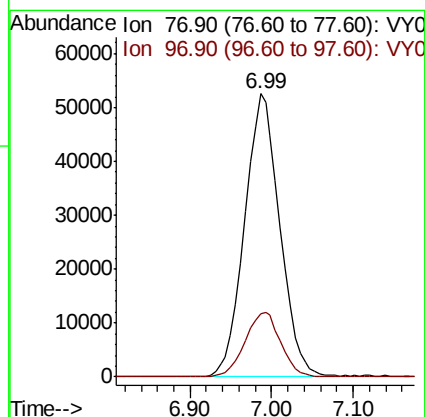
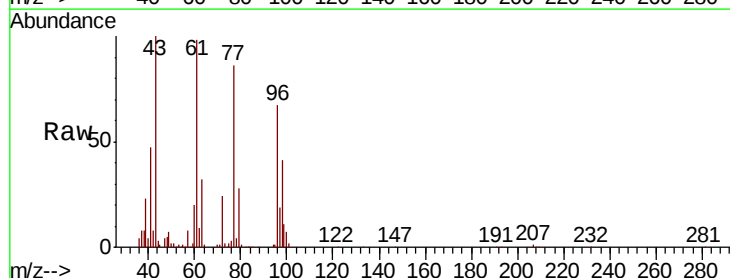
Acq: 05 Oct 2020 19:11

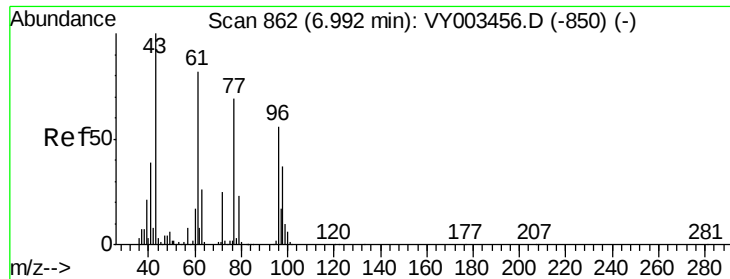
Tgt Ion: 77 Resp: 157675

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



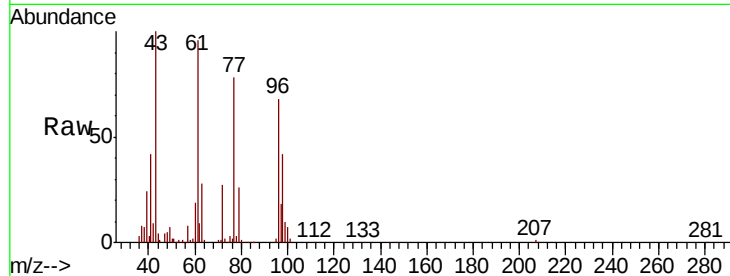


#27

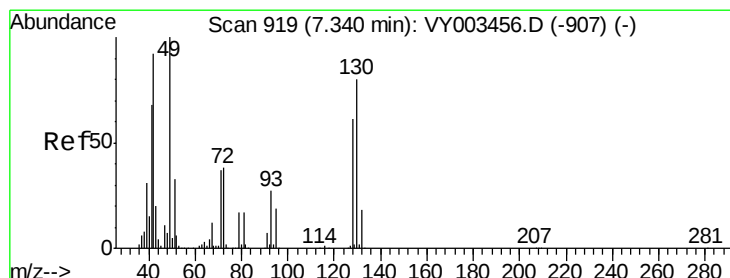
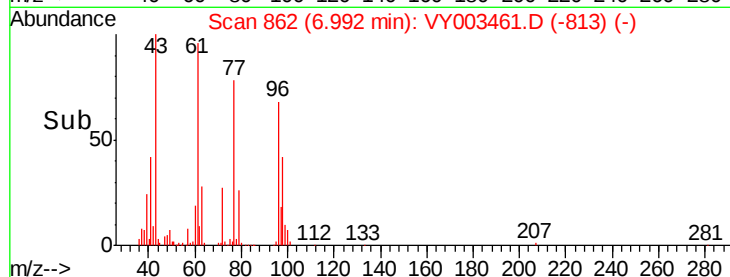
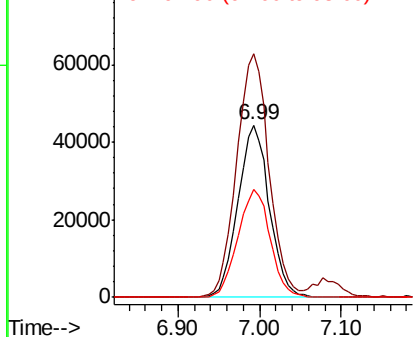
cis-1,2-Dichloroethene
 Concen: 21.511 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 118242
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 295.2
 98 64.6 0.0 129.0



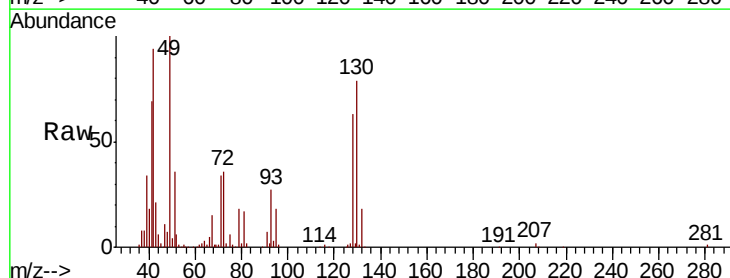
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



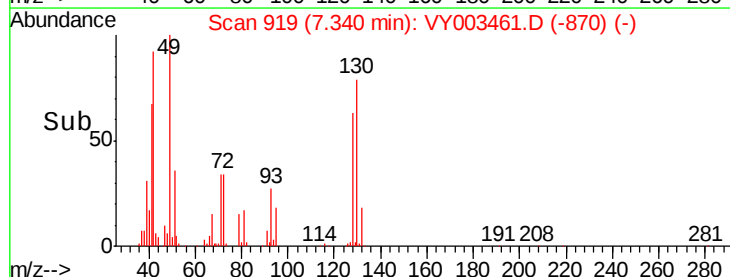
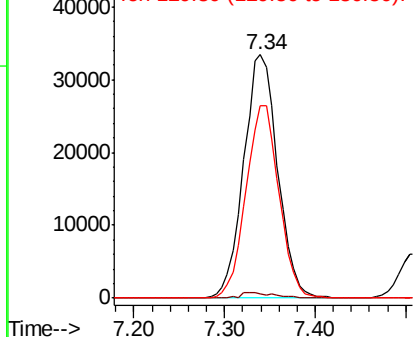
#28

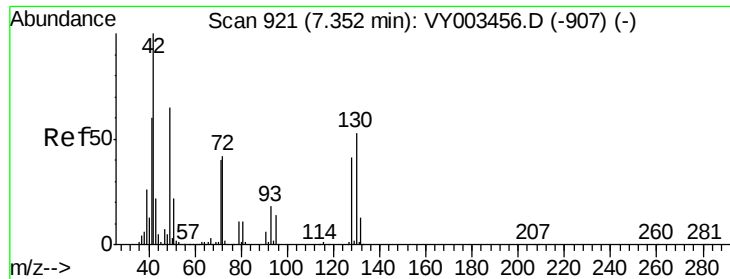
Bromochloromethane
 Concen: 20.409 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 49 Resp: 86827
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 77.1 62.4 93.6



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





#29

Tetrahydrofuran

Concen: 101.479 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

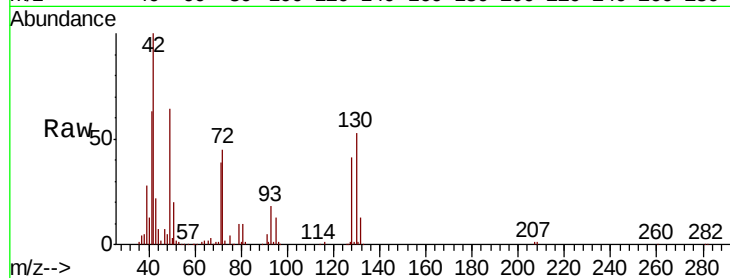
Tot Ion: 42 Resp: 111311

Ion Ratio Lower Upper

42 100

72 41.1 33.3 49.9

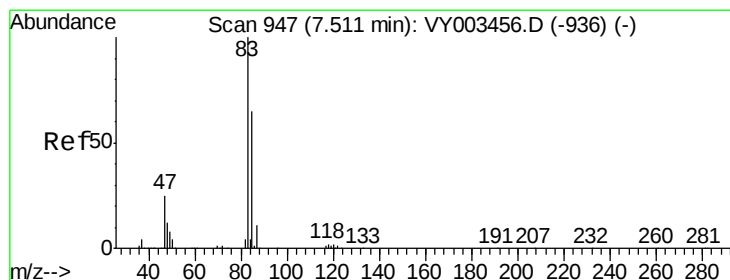
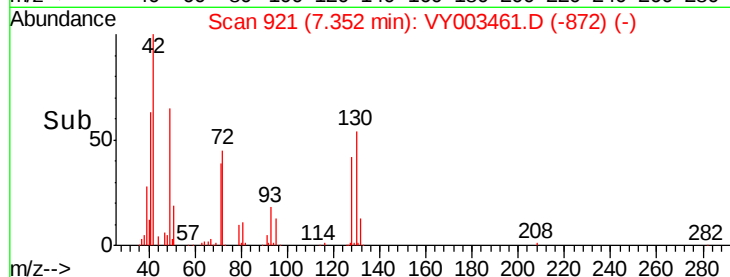
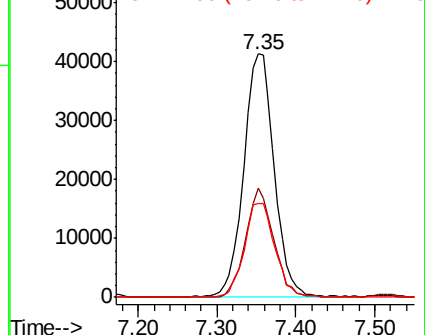
71 38.8 31.7 47.5



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.630 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003461.D

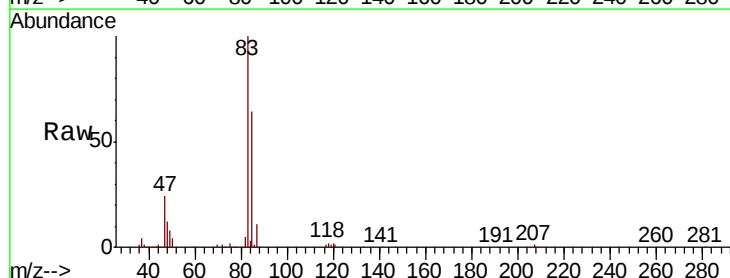
Acq: 05 Oct 2020 19:11

Tgt Ion: 83 Resp: 191290

Ion Ratio Lower Upper

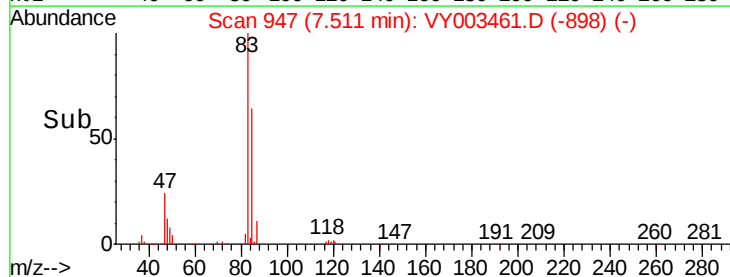
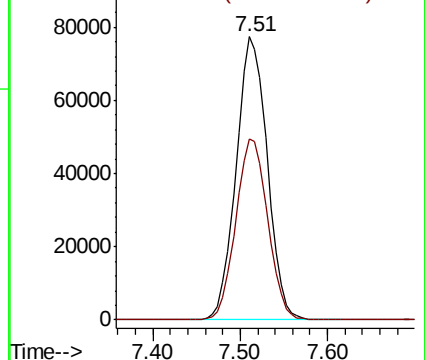
83 100

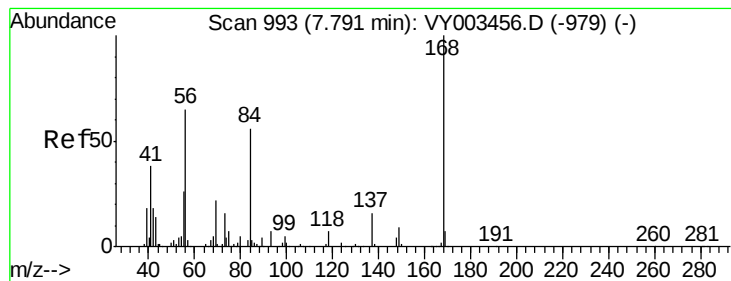
85 63.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.577 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampled :

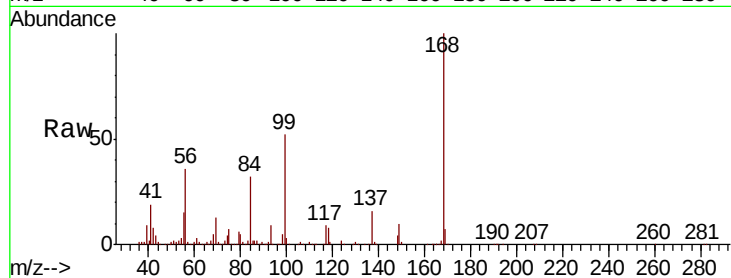
Tot Ion: 56 Resp: 159515

Ion Ratio Lower Upper

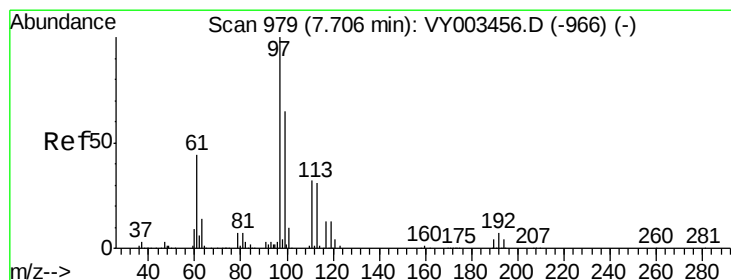
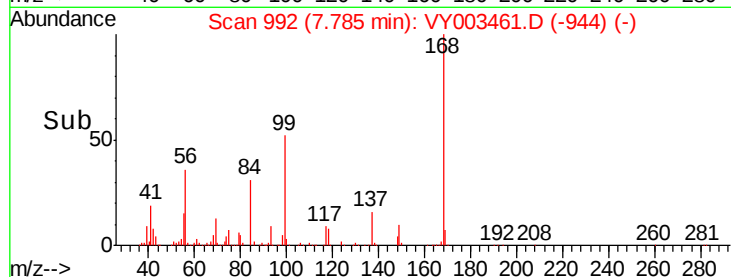
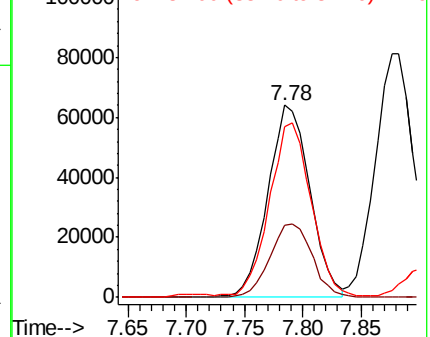
56 100

69 37.3 26.8 40.2

84 87.4 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: 21.231 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

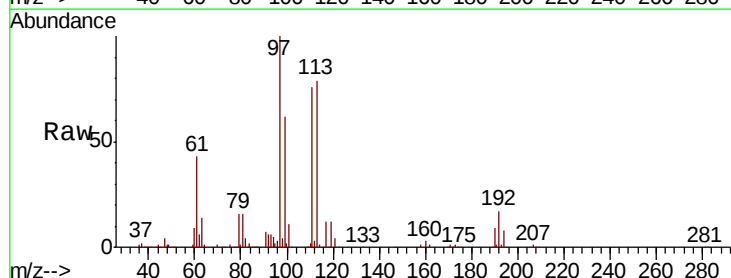
Tgt Ion: 97 Resp: 172148

Ion Ratio Lower Upper

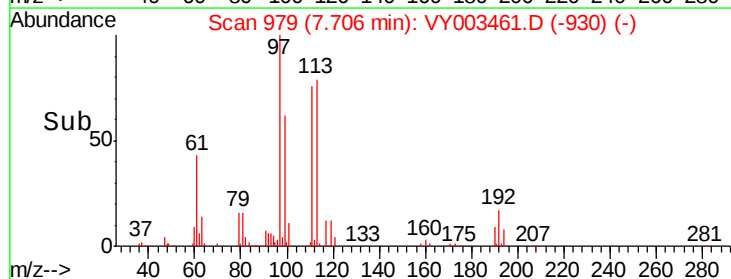
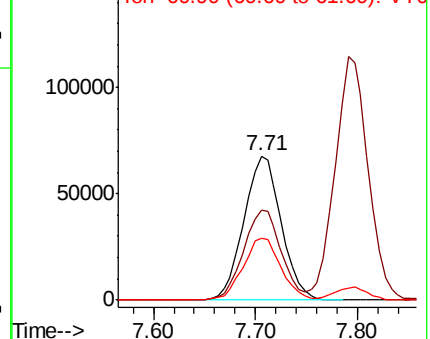
97 100

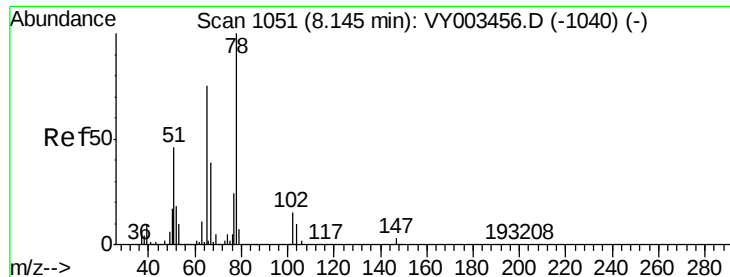
99 63.4 51.5 77.3

61 43.5 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

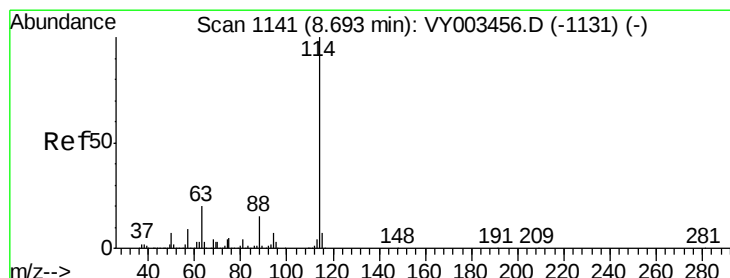
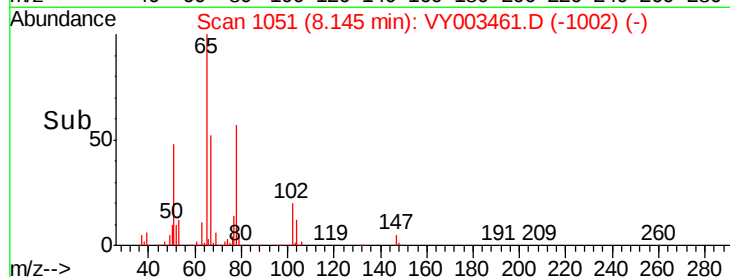
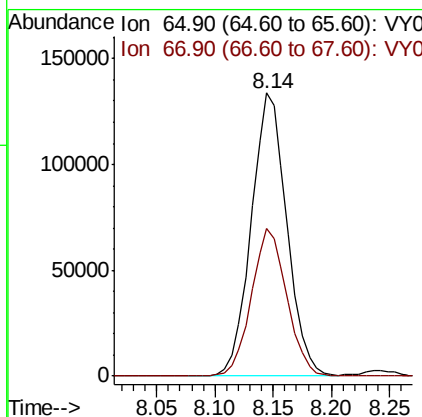
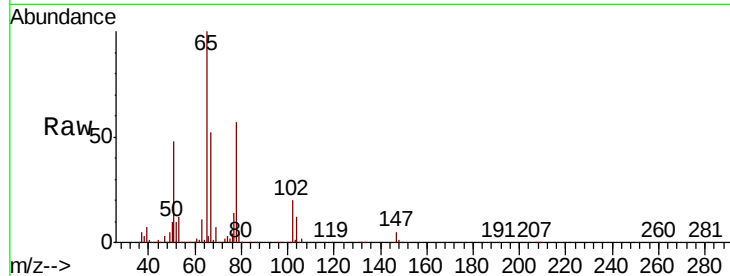




#33
 1,2-Dichloroethane-d4
 Concen: 52.777 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

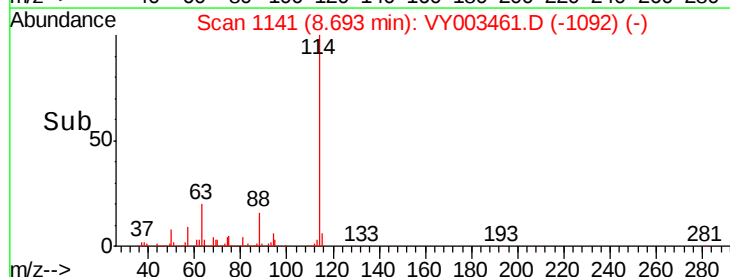
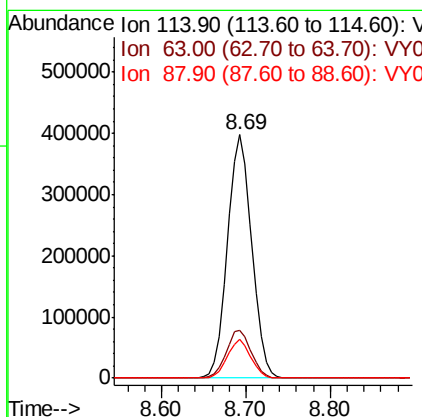
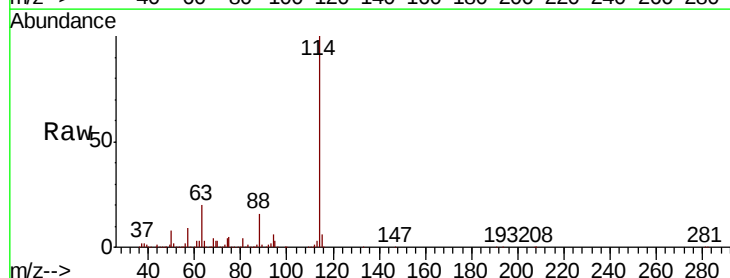
Instrument :
 MSVOA_Y
 ClientSampleId :

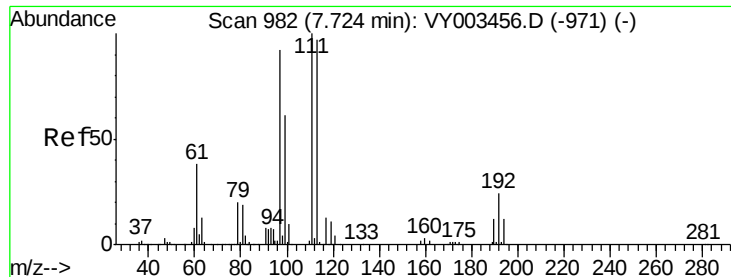
Tot Ion: 65 Resp: 284317
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 114 Resp: 777906
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.2
 88 15.8 0.0 30.0

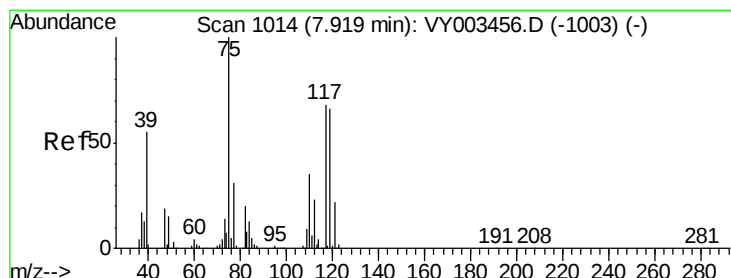
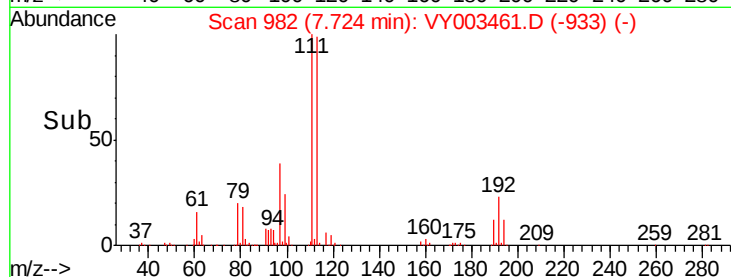
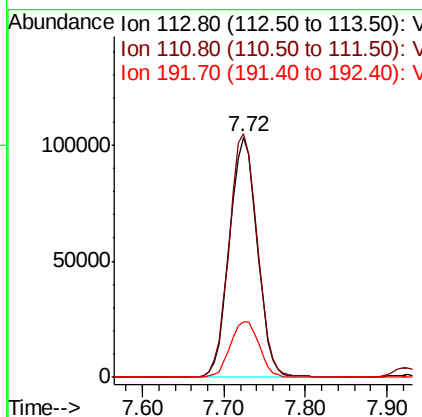
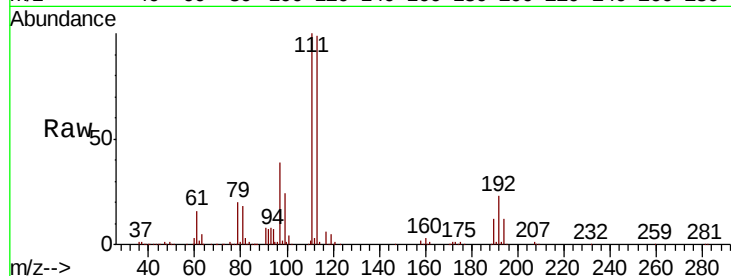




#35
 Dibromofluoromethane
 Concen: 51.772 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

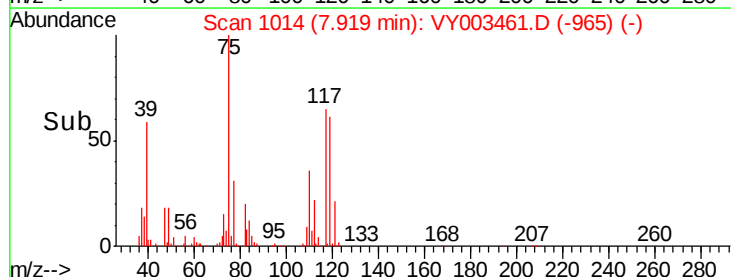
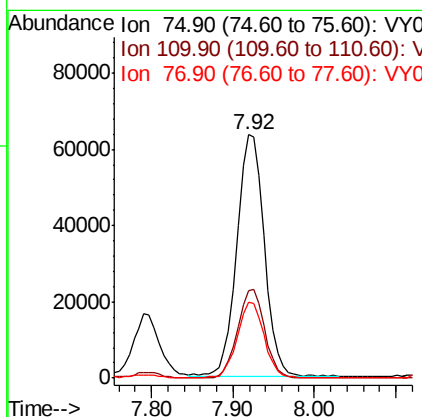
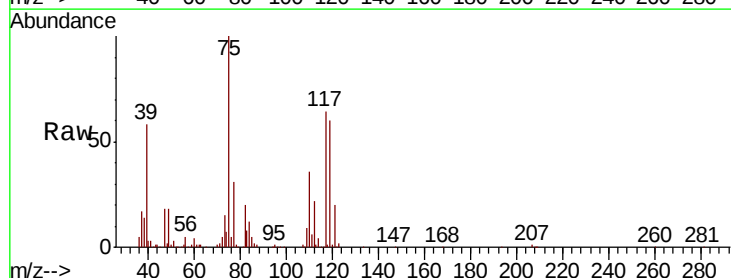
Instrument :
 MSVOA_Y
 ClientSampleId :

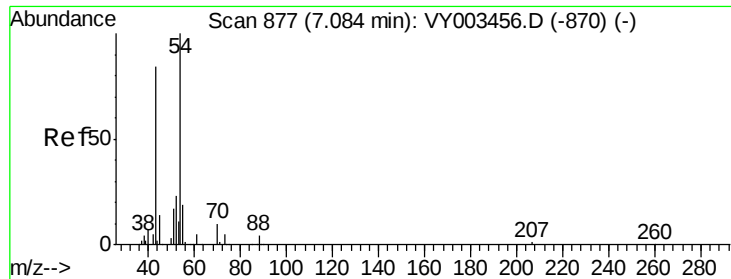
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	24.2	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 20.237 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	30.8	24.8	37.2

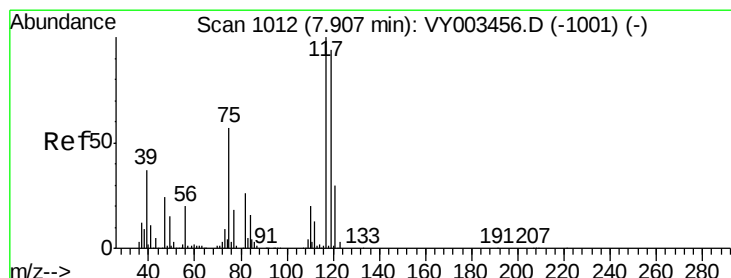
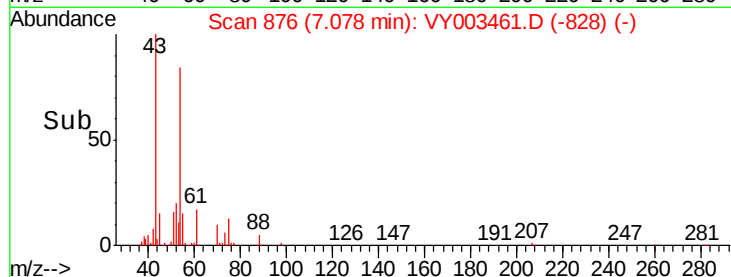
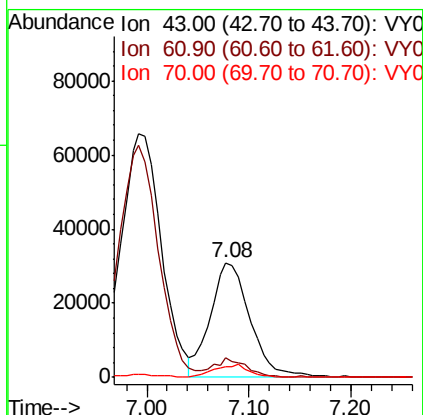
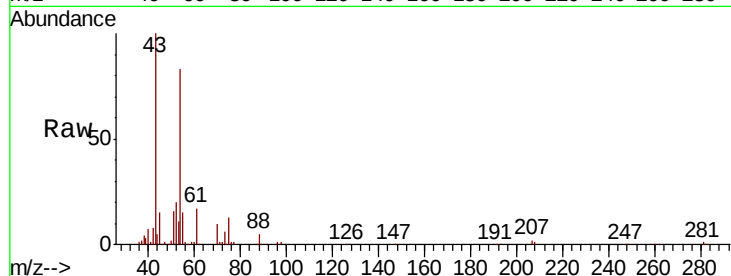




#37
Ethyl Acetate
Concen: 19.192 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

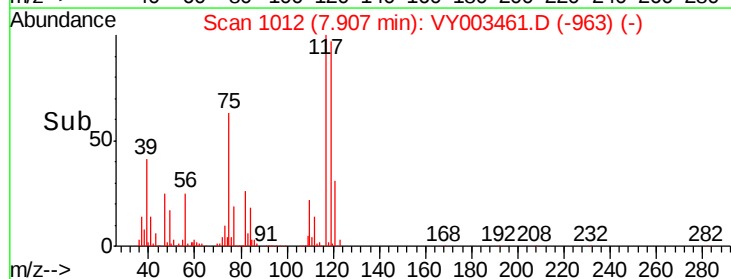
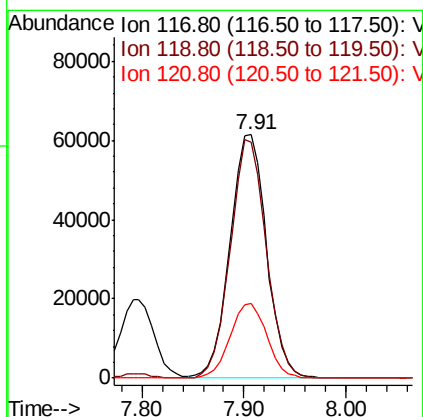
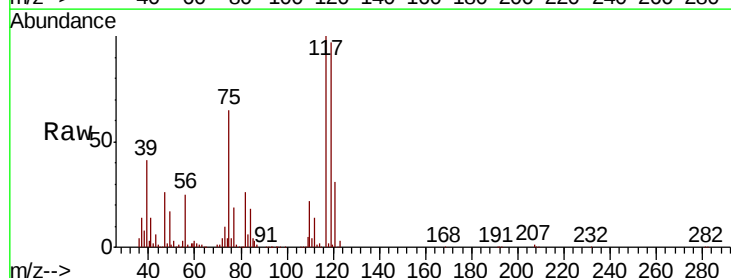
Instrument :
MSVOA_Y
ClientSampleId :

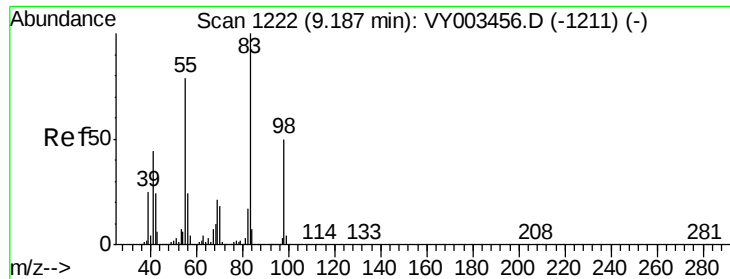
Tot Ion: 43 Resp: 82734
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.891 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 117 Resp: 152164
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
121 30.8 24.3 36.5

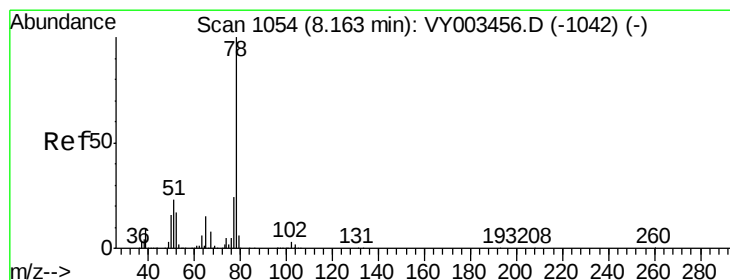
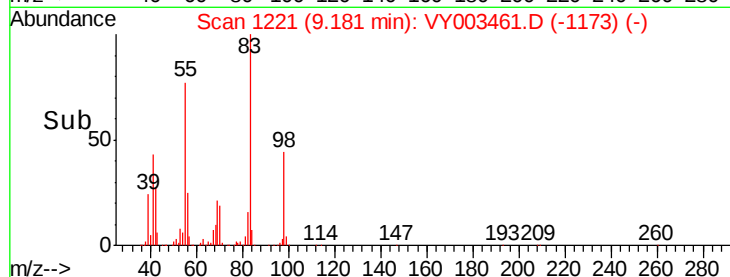
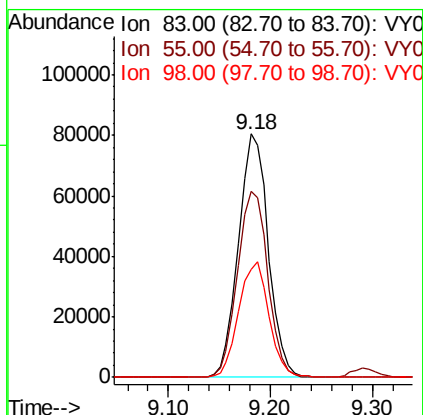
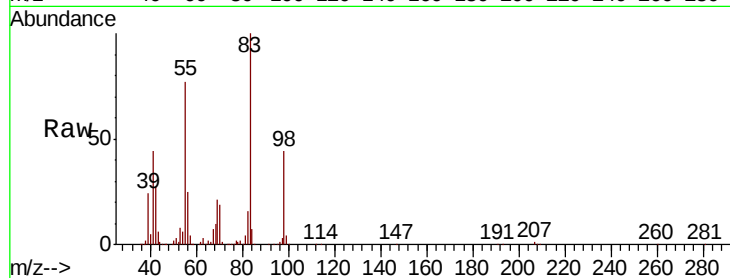




#39
Methvlcvclohexane
Concen: 20.346 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

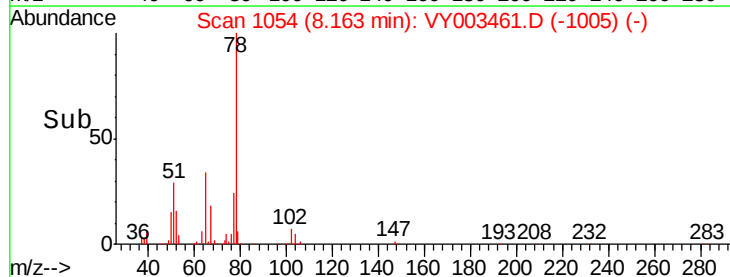
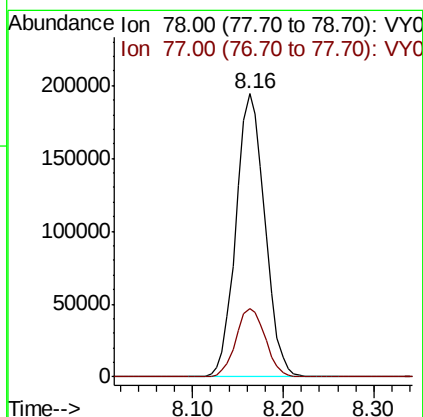
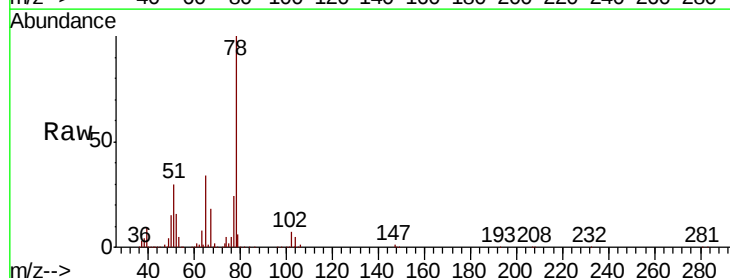
Instrument :
MSVOA_Y
ClientSampleId :

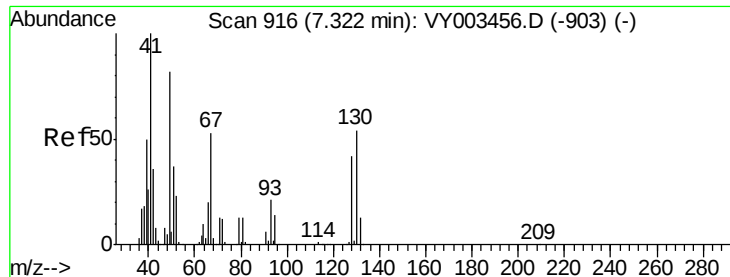
Tot Ion	83	Resp	163546
Ion Ratio	Lower	Upper	
83	100		
55	76.6	63.0	94.6
98	44.5	39.7	59.5



#40
Benzene
Concen: 20.780 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion	78	Resp	430173
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.3	28.9

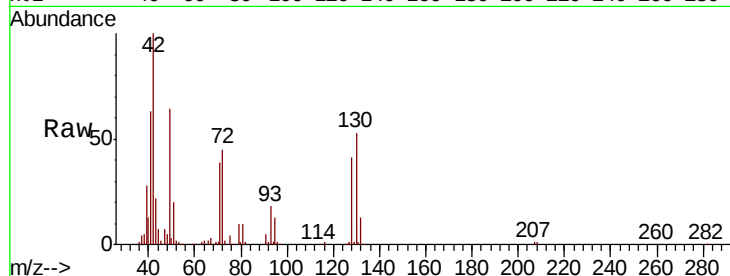




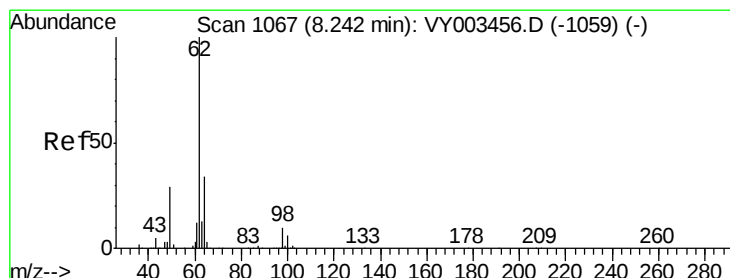
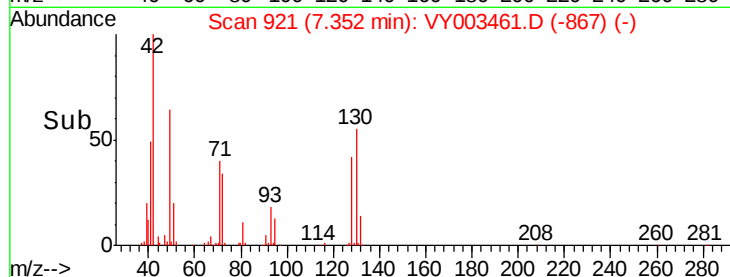
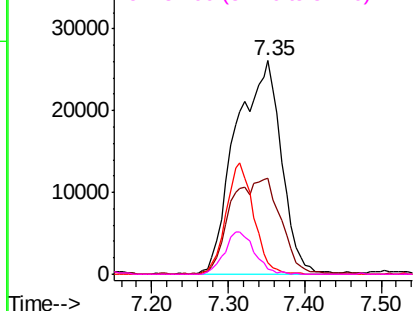
#41
Methacrylonitrile
Concen: 49.225 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	108189
Ion	Ratio	Lower	Upper
41	100		
39	48.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

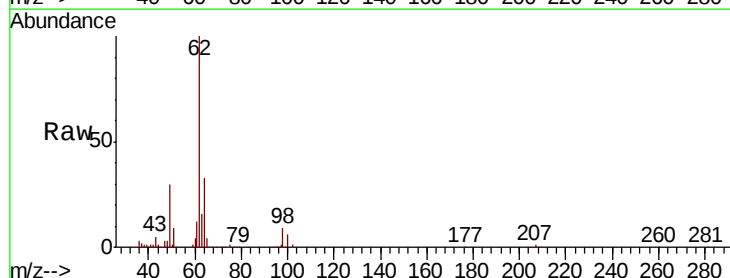


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

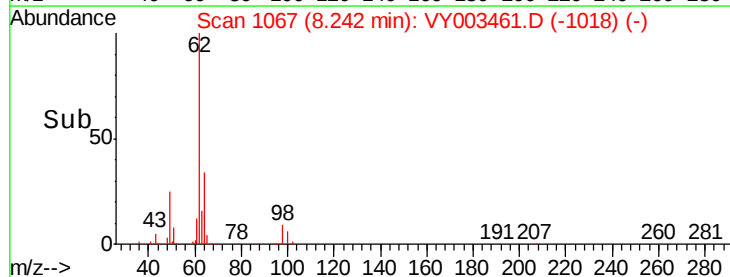
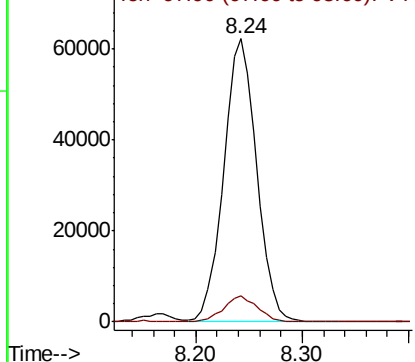


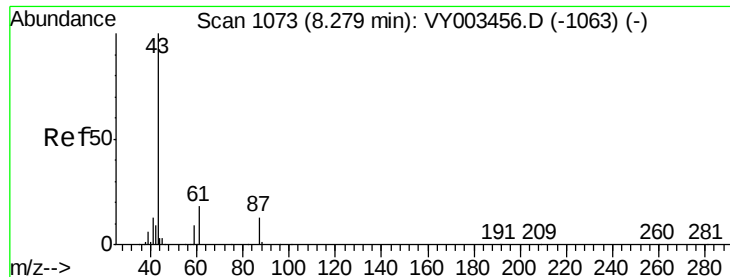
#42
1,2-Dichloroethane
Concen: 20.329 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:	62	Resp:	134314
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 19.675 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

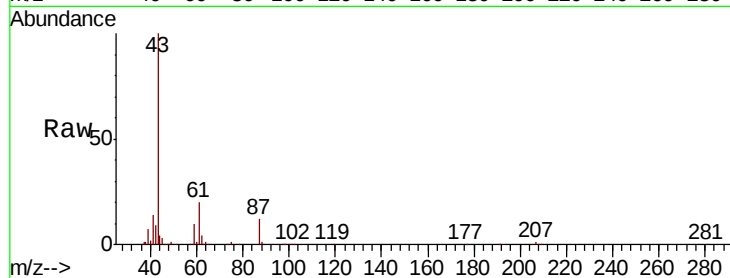
Tot Ion: 43 Resp: 158798

Ion Ratio Lower Upper

43 100

61 29.3 22.7 34.1

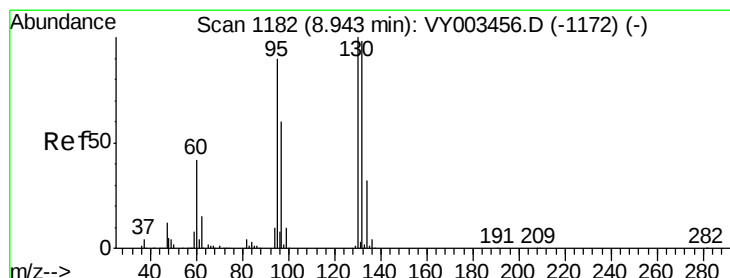
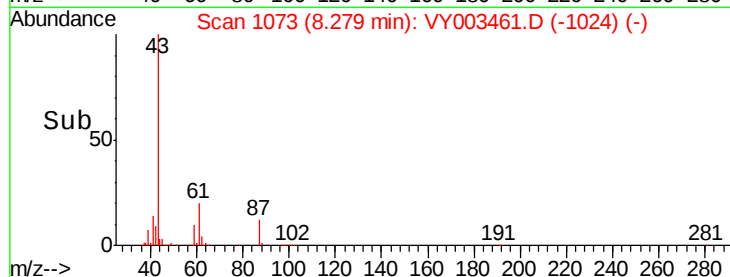
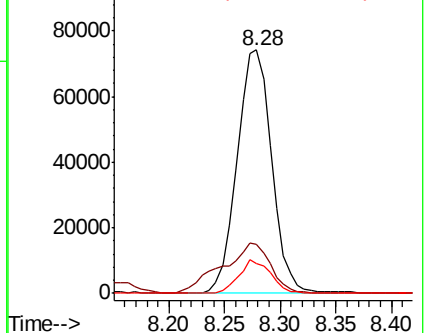
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VY003461.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003461.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003461.D (-1024) (-)



#44

Trichloroethene

Concen: 20.009 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003461.D

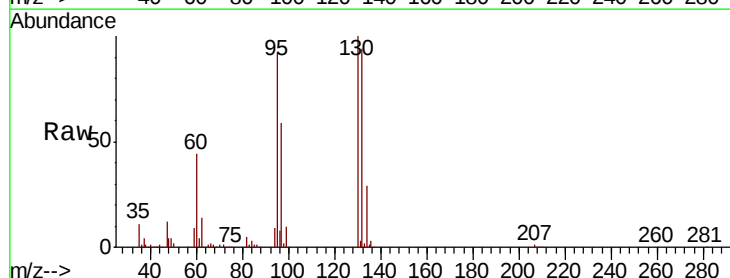
Acq: 05 Oct 2020 19:11

Tgt Ion:130 Resp: 121994

Ion Ratio Lower Upper

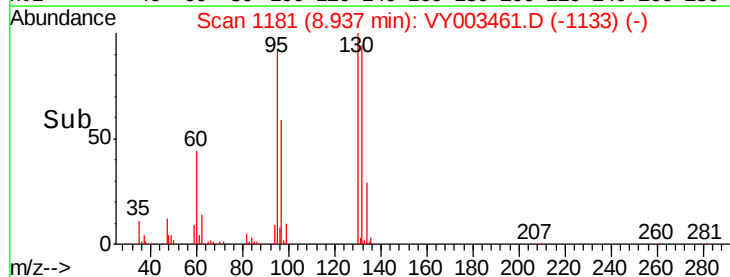
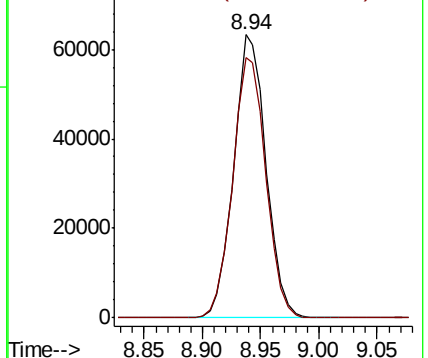
130 100

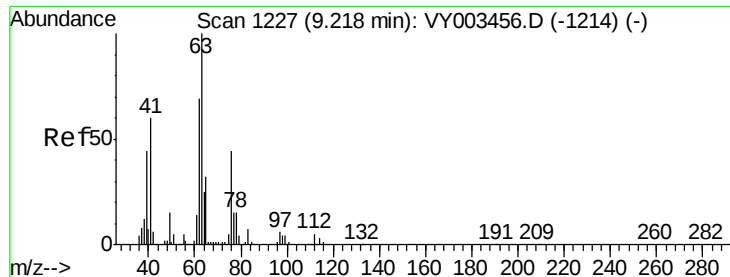
95 91.9 0.0 180.6



Abundance Ion 129.80 (129.50 to 130.50): VY003461.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003461.D (-1133) (-)

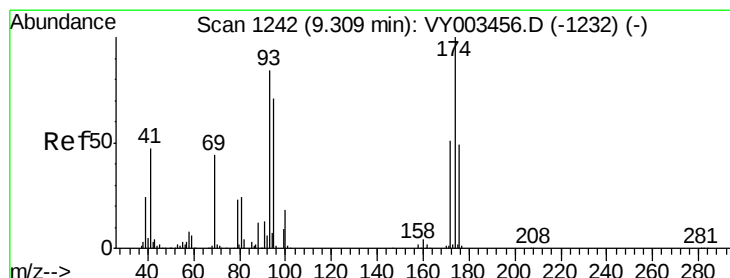
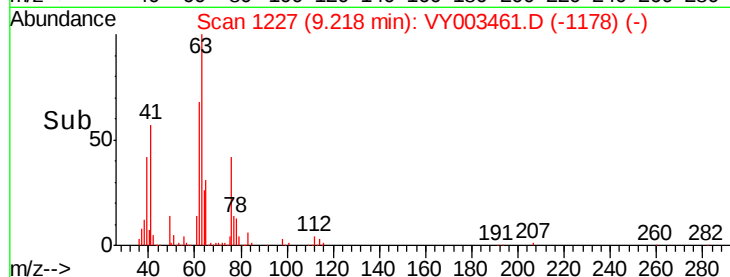
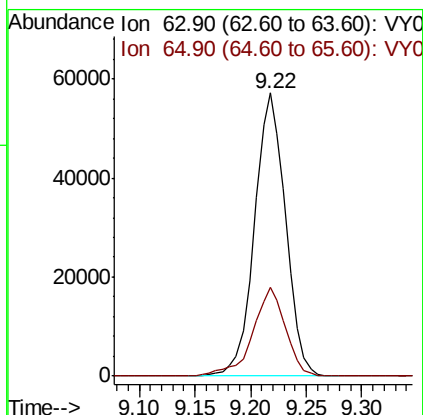
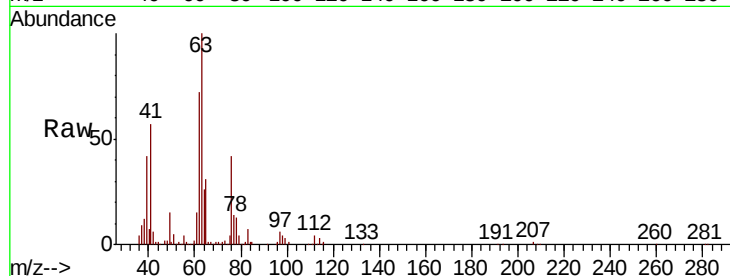




#45
 1,2-Dichloropropane
 Concen: 20.985 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

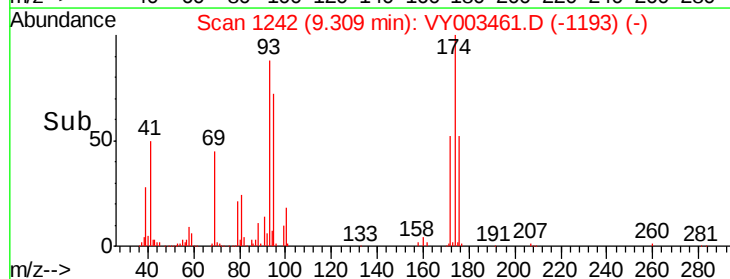
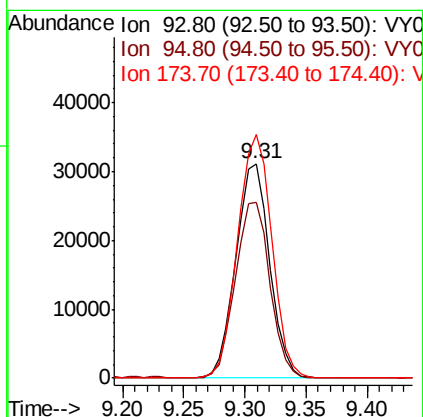
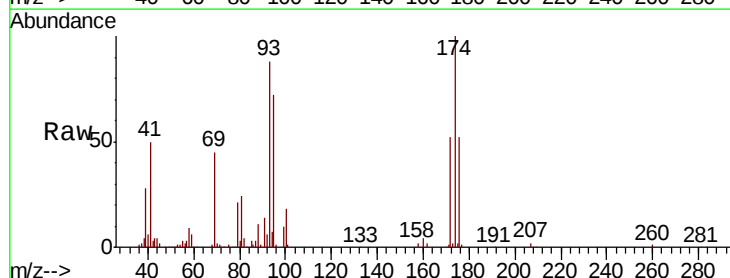
Instrument :
 MSVOA_Y
 ClientSampleId :

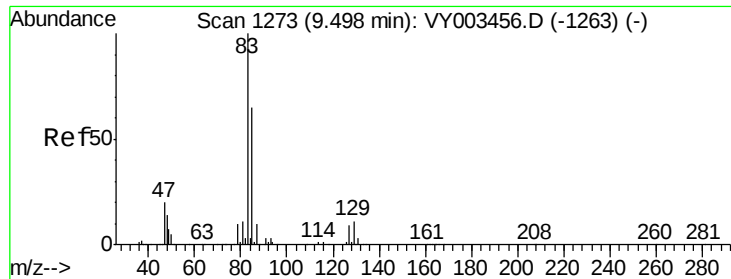
Tot Ion: 63 Resp: 110714
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.2



#46
 Dibromomethane
 Concen: 20.085 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 93 Resp: 59918
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.6 98.4
 174 115.3 94.3 141.5





#47

Bromodichloromethane

Concen: 20.495 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampled :

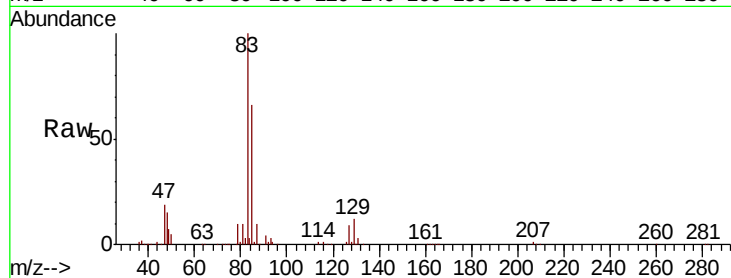
Tot Ion: 83 Resp: 149891

Ion Ratio Lower Upper

83 100

85 65.9 52.1 78.1

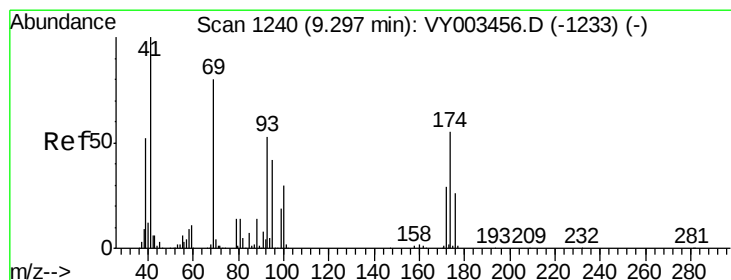
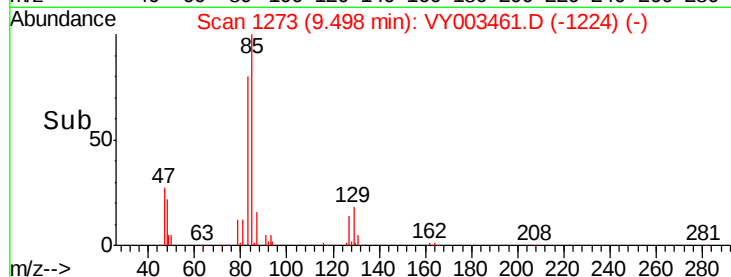
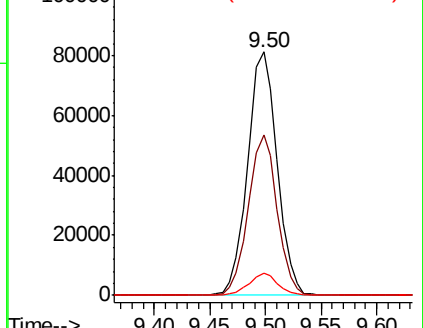
127 9.0 7.5 11.3



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: 19.090 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

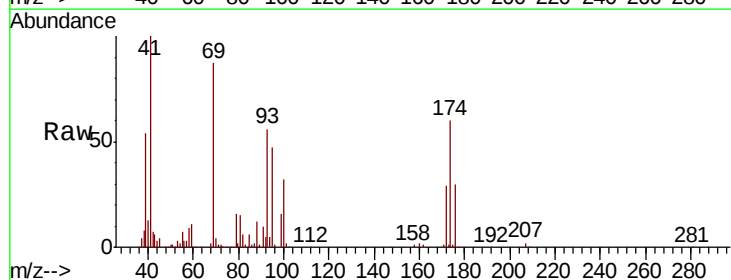
Tgt Ion: 41 Resp: 72959

Ion Ratio Lower Upper

41 100

69 87.3 66.3 99.5

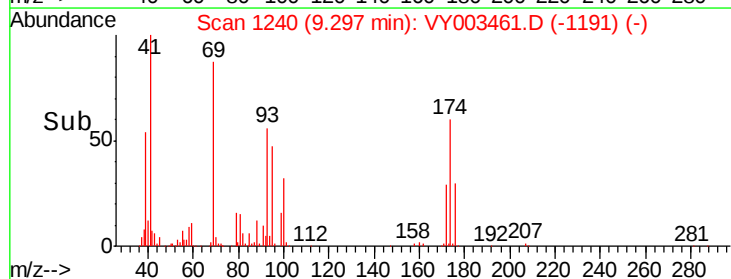
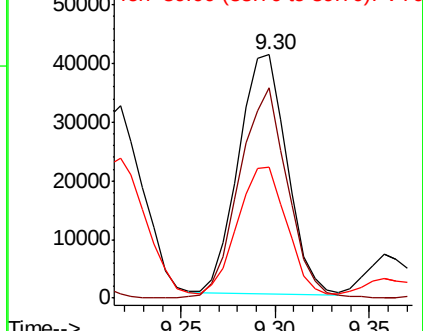
39 56.6 45.2 67.8

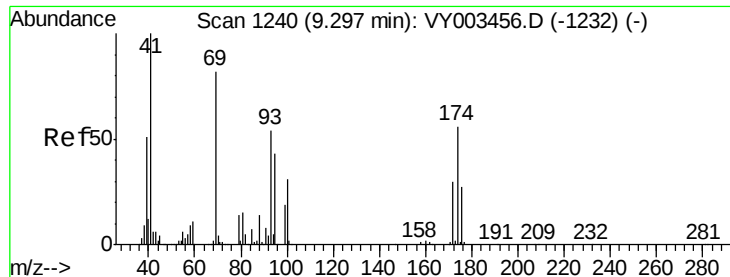


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 387.013 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

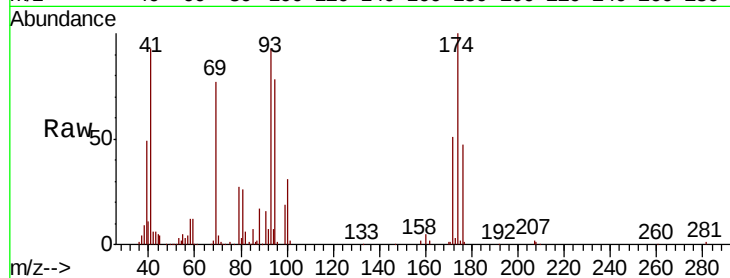
Tot Ion: 88 Resp: 13630

Ion Ratio Lower Upper

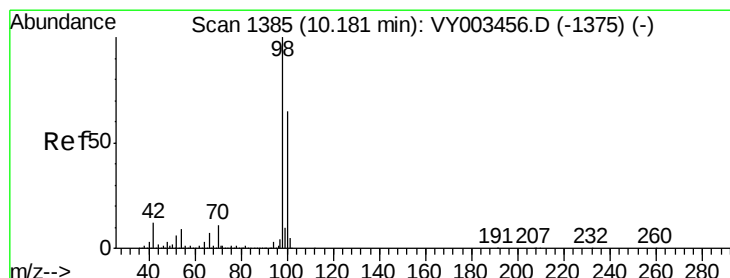
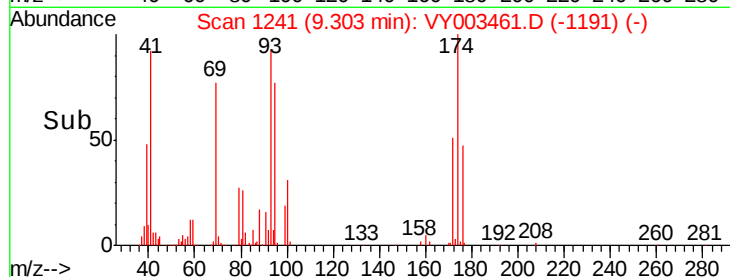
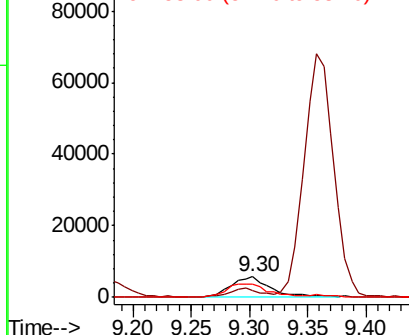
88 100

43 34.7 28.6 43.0

58 69.7 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



#50

Toluene-d8

Concen: 51.322 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003461.D

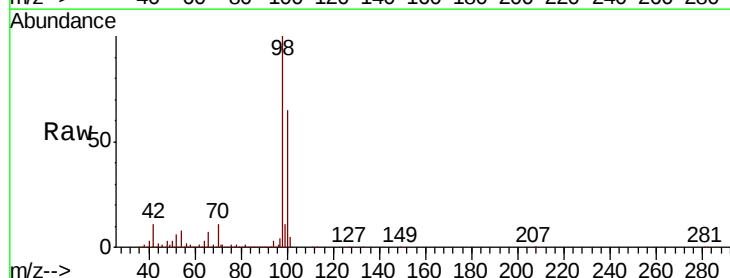
Acq: 05 Oct 2020 19:11

Tgt Ion: 98 Resp: 1008377

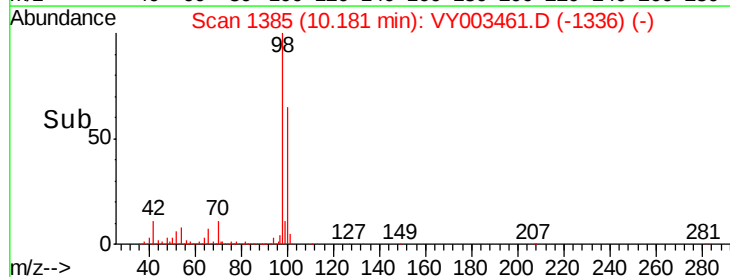
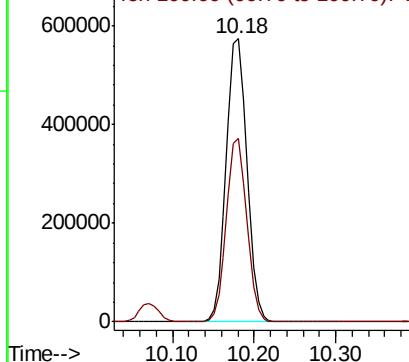
Ion Ratio Lower Upper

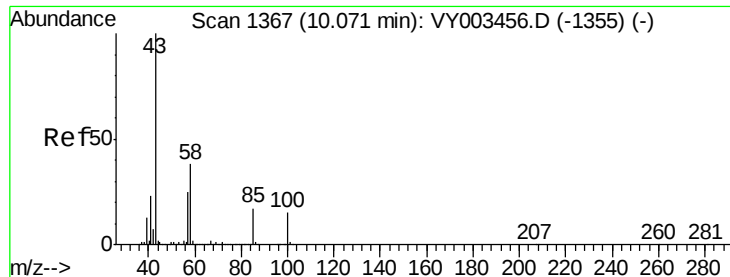
98 100

100 63.5 51.2 76.8



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

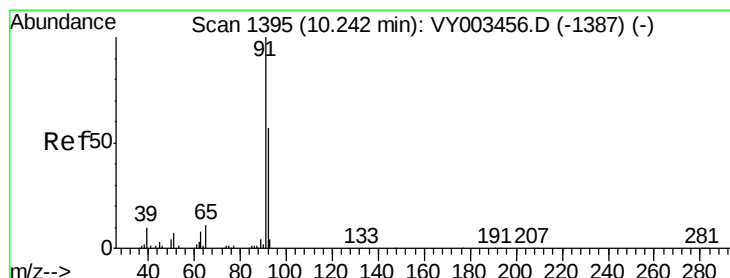
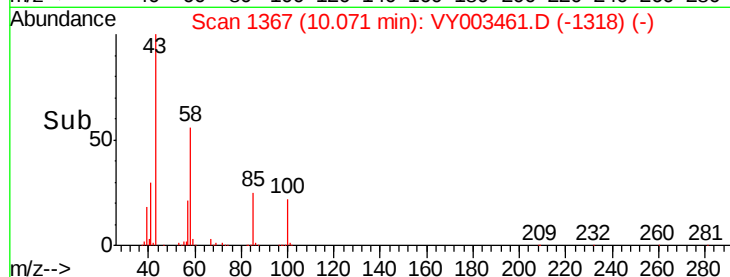
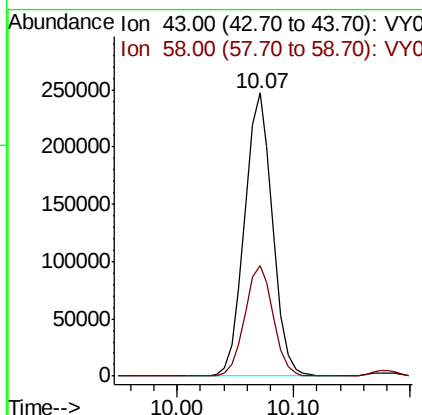
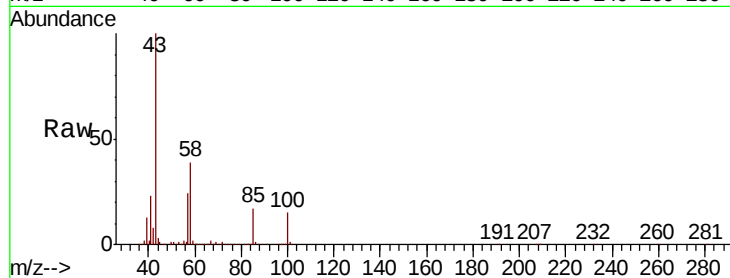




#51
4-Methyl-2-Pentanone
Concen: 96.360 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

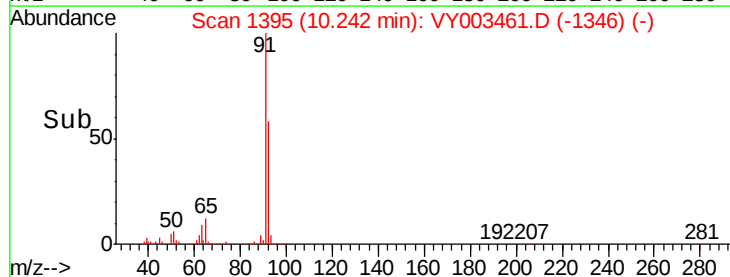
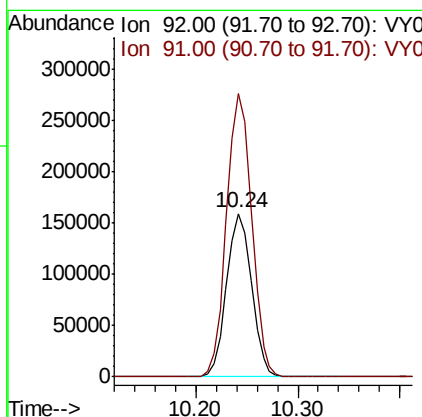
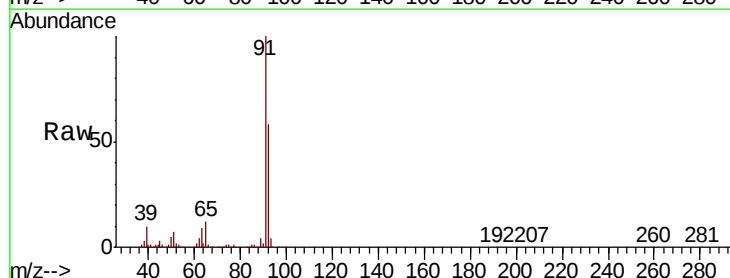
Instrument :
MSVOA_Y
ClientSampled :

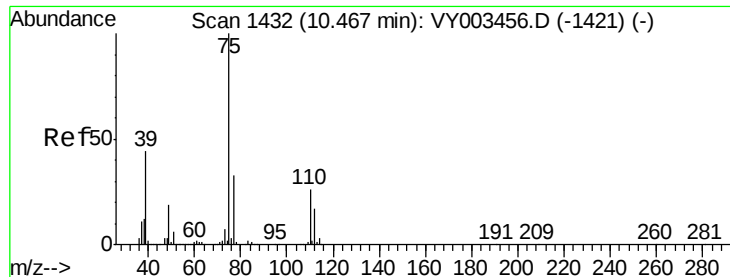
Tot Ion: 43 Resp: 414026
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6



#52
Toluene
Concen: 20.342 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion: 92 Resp: 271380
Ion Ratio Lower Upper
92 100
91 174.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 20.187 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

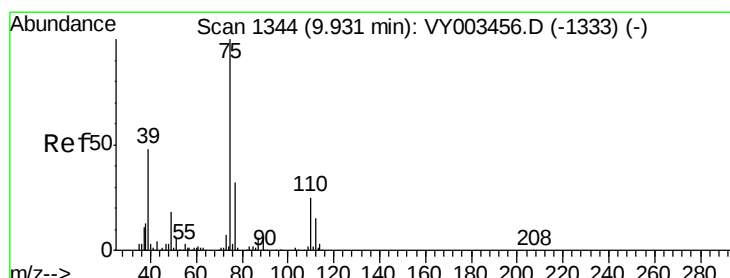
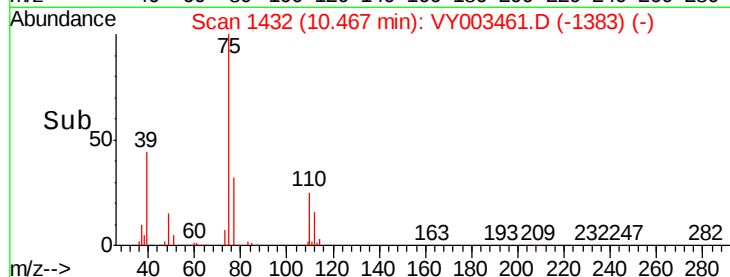
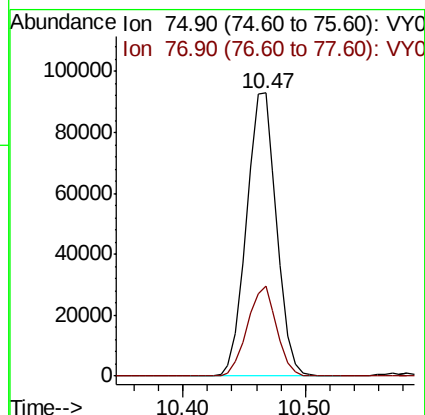
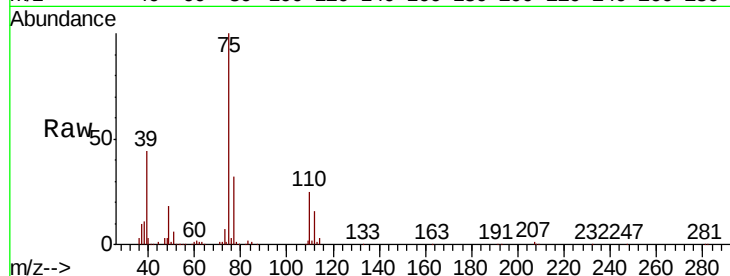
ClientSampled :

Tot Ion: 75 Resp: 157901

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 20.396 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

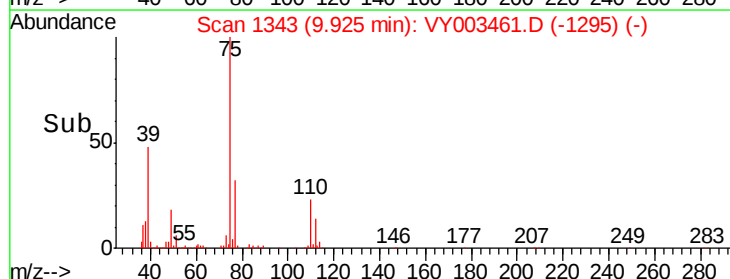
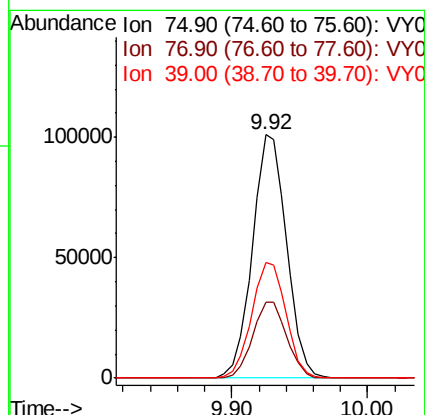
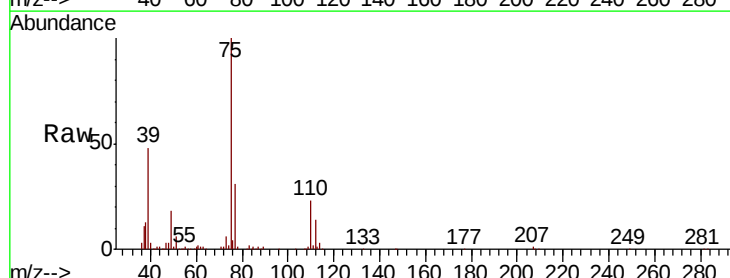
Tgt Ion: 75 Resp: 177889

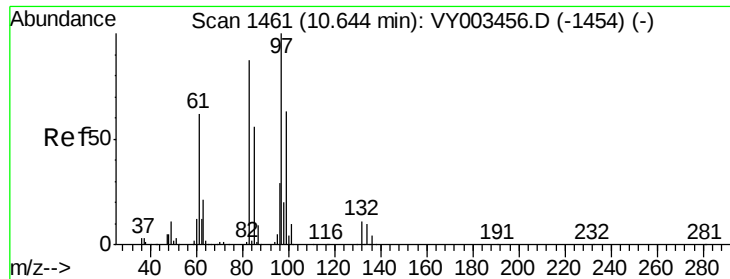
Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9

39 47.5 38.7 58.1

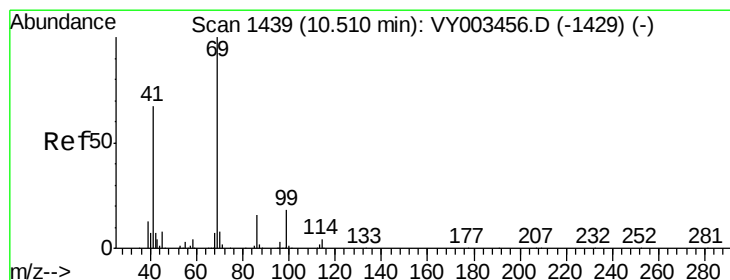
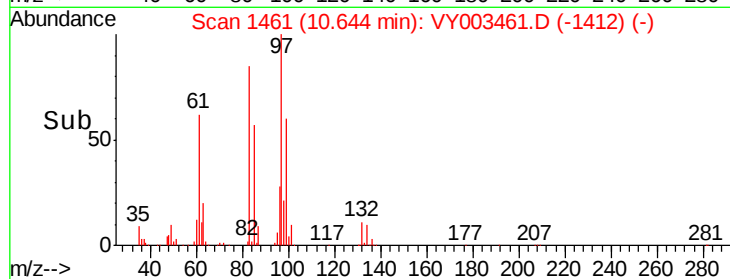
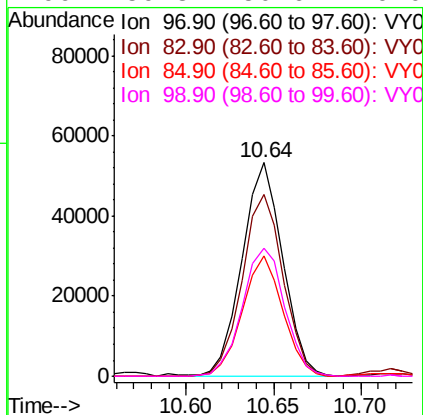
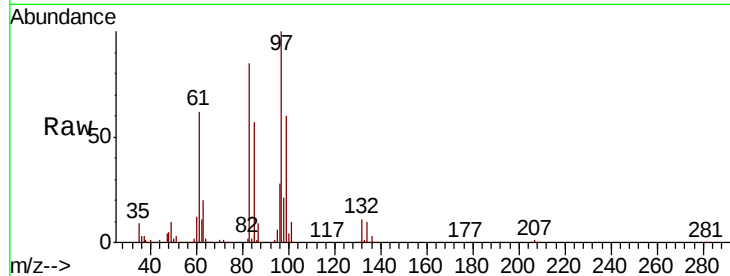




#55
 1,1,2-Trichloroethane
 Concen: 20.205 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

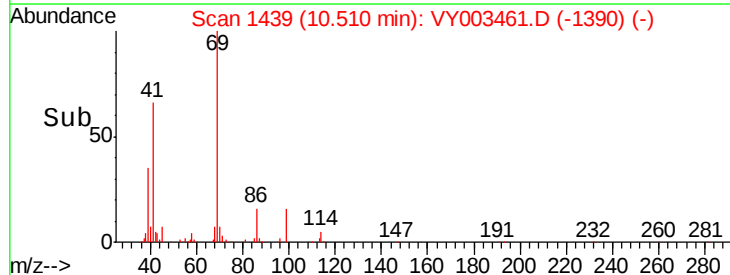
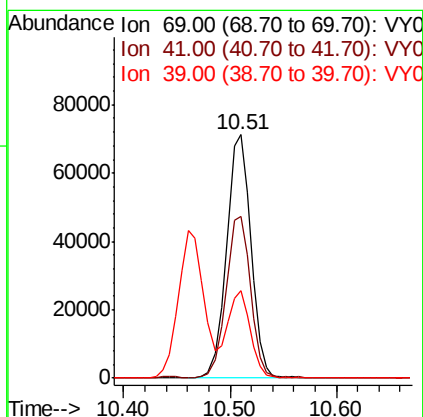
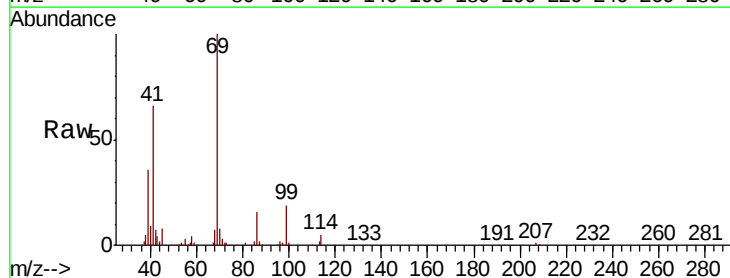
Instrument :
 MSVOA_Y
 ClientSampleId :

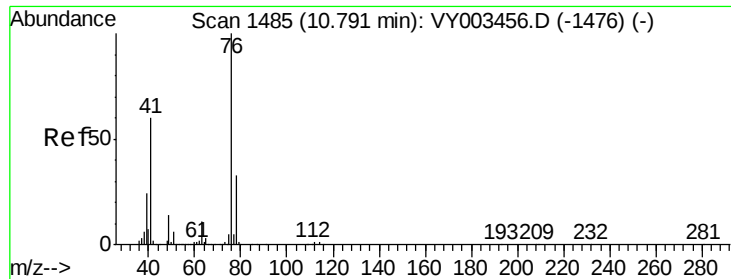
Tot Ion:	97	Resp:	86182
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.9	104.9
85	56.5	44.5	66.7
99	59.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 19.906 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion:	69	Resp:	114236
Ion	Ratio	Lower	Upper
69	100		
41	66.6	55.4	83.2
39	34.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.384 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

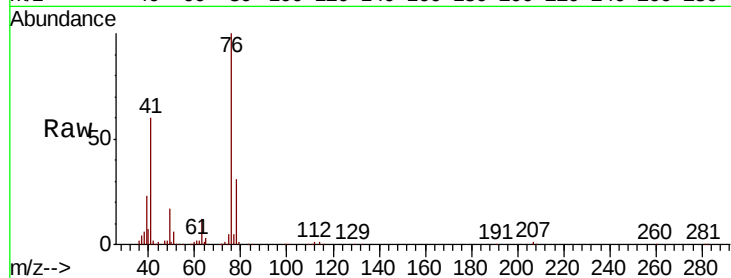
ClientSampleId :

Tot Ion: 76 Resp: 150783

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

100000

80000

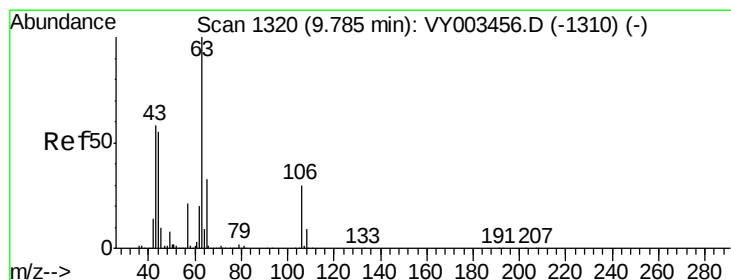
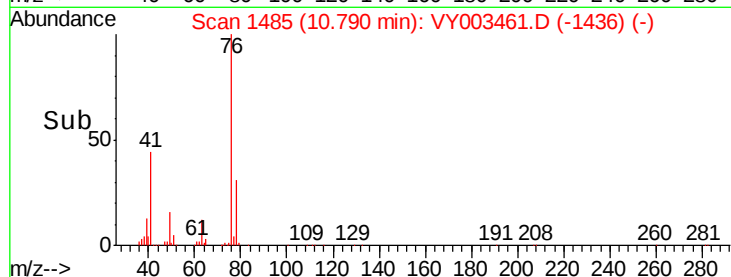
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 103.931 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003461.D

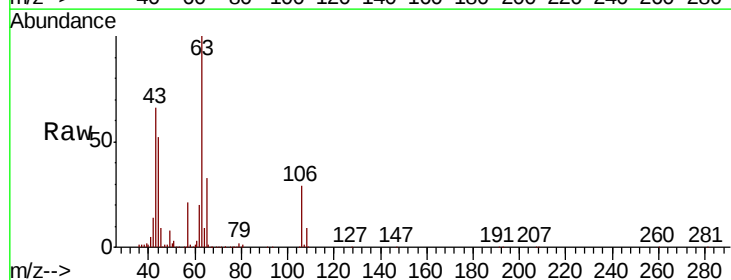
Acq: 05 Oct 2020 19:11

Tgt Ion: 63 Resp: 312485

Ion Ratio Lower Upper

63 100

106 28.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

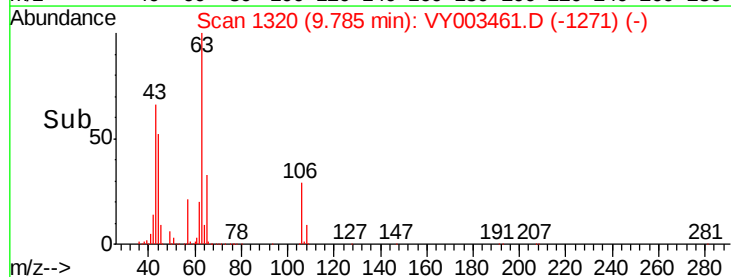
150000

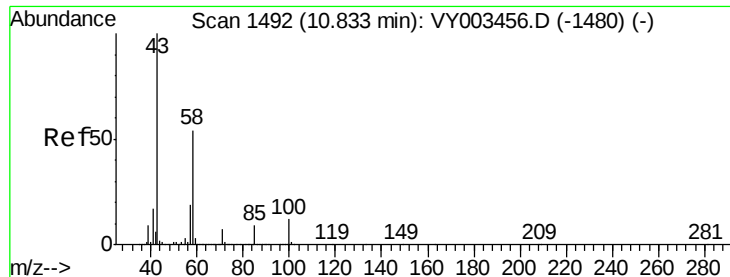
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 94.310 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

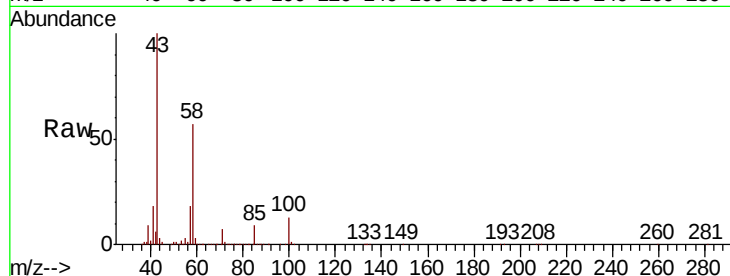
ClientSampleId :

Tot Ion: 43 Resp: 284641

Ion Ratio Lower Upper

43 100

58 54.9 26.8 80.3



Abundance Ion 43.00 (42.70 to 43.70): VY003461.D (-1443) (-)

Ion 58.00 (57.70 to 58.70): VY003461.D (-1443) (-)

10.83

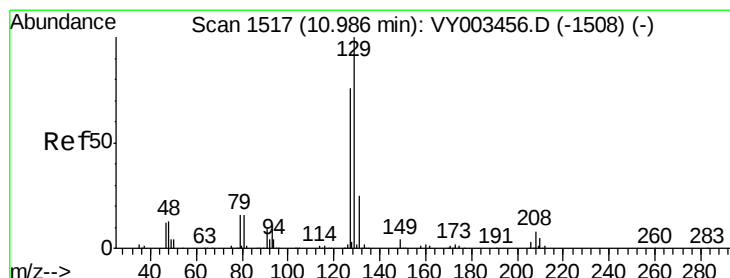
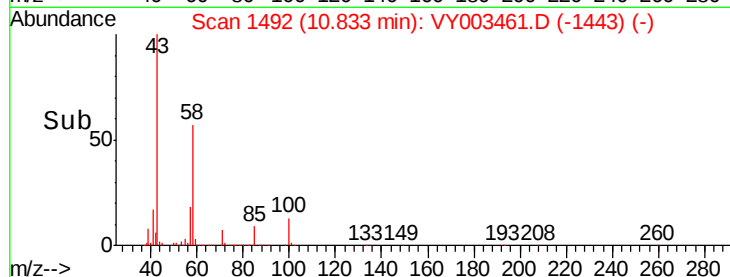
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 20.053 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY003461.D

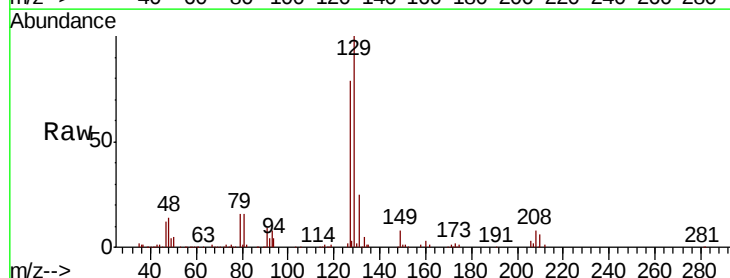
Acq: 05 Oct 2020 19:11

Tgt Ion: 129 Resp: 108275

Ion Ratio Lower Upper

129 100

127 77.5 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): VY003461.D (-1468) (-)

Ion 126.80 (126.50 to 127.50): VY003461.D (-1468) (-)

10.99

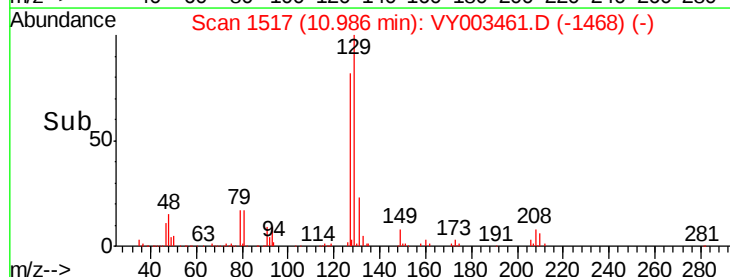
60000

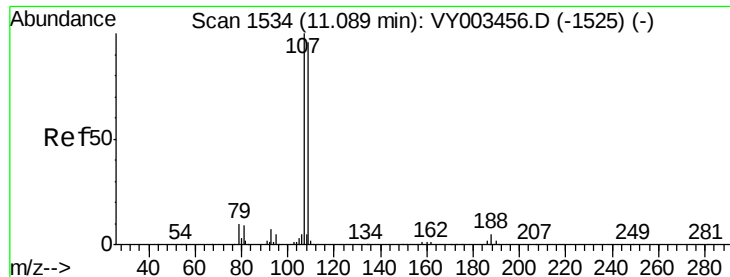
40000

20000

0

Time-->

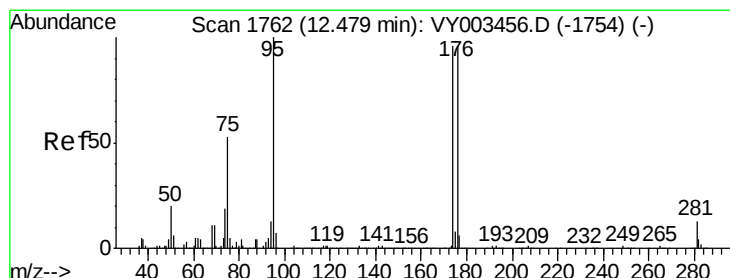
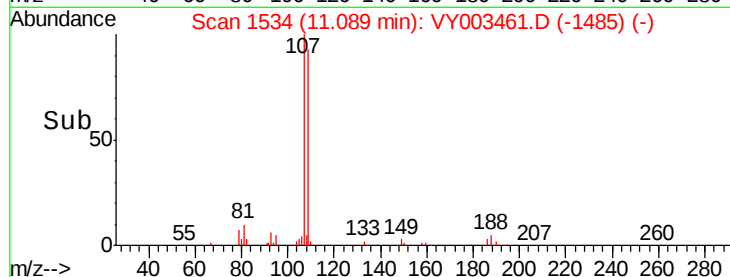
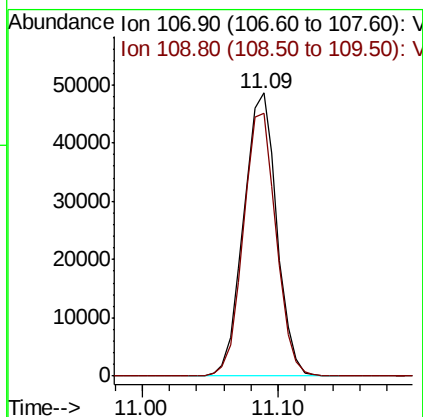
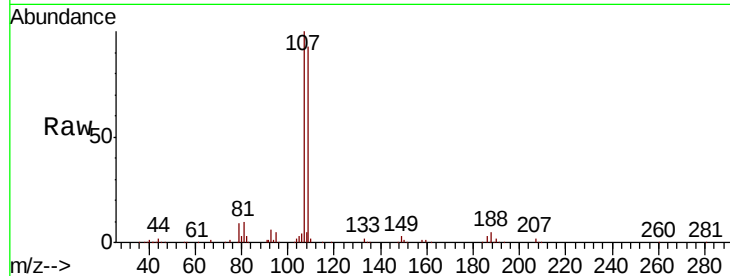




#61
 1,2-Dibromoethane
 Concen: 20.134 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

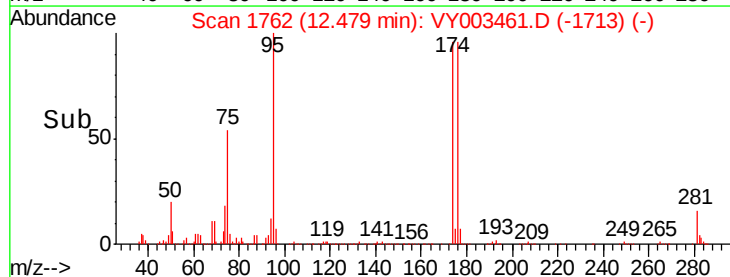
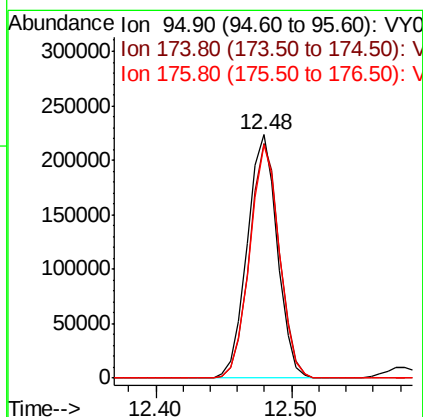
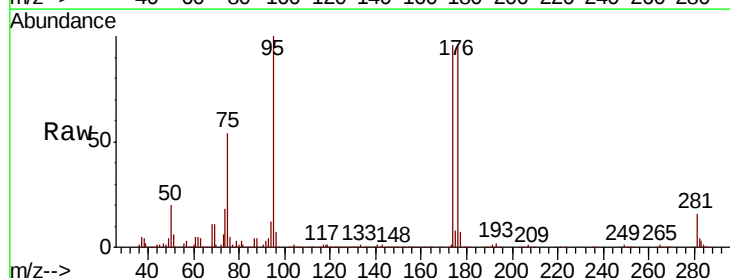
Instrument :
 MSVOA_Y
 ClientSampled :

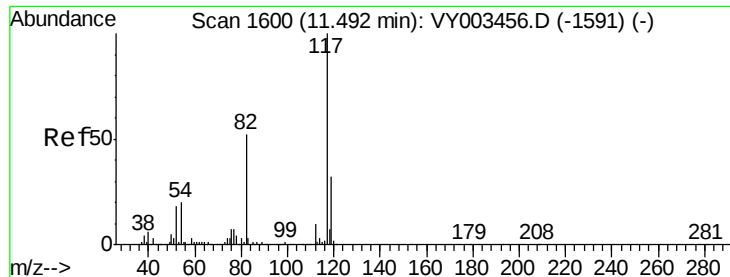
Tot Ion: 107 Resp: 82614
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.955 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion: 95 Resp: 346581
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 197.0
 176 94.1 0.0 193.6

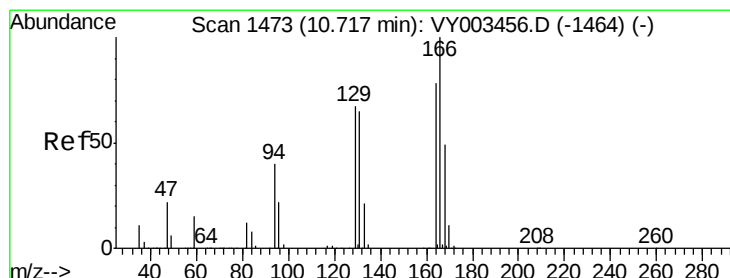
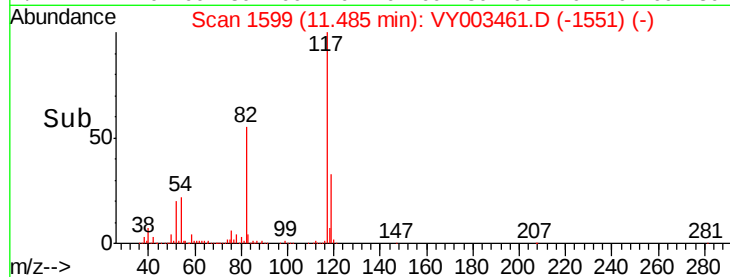
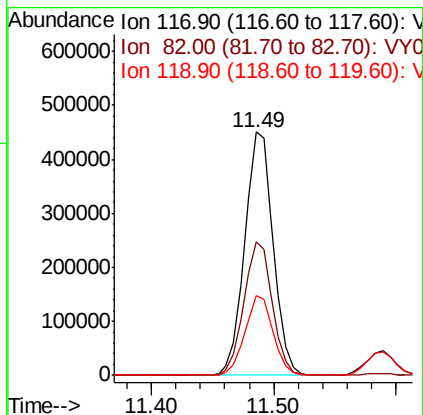
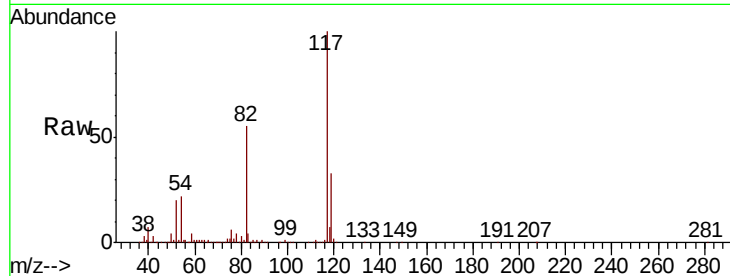




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

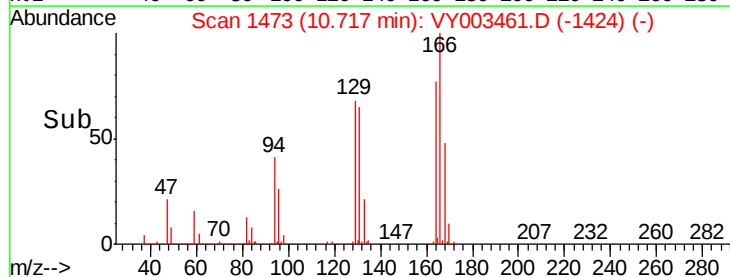
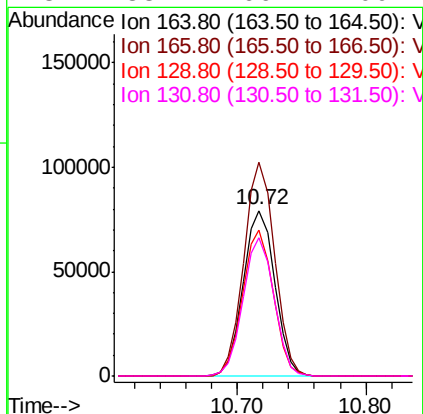
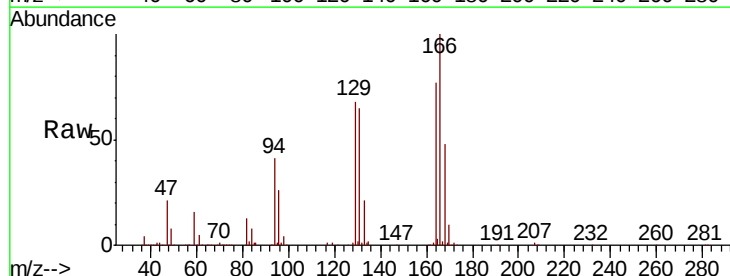
Instrument :
MSVOA_Y
ClientSampled :

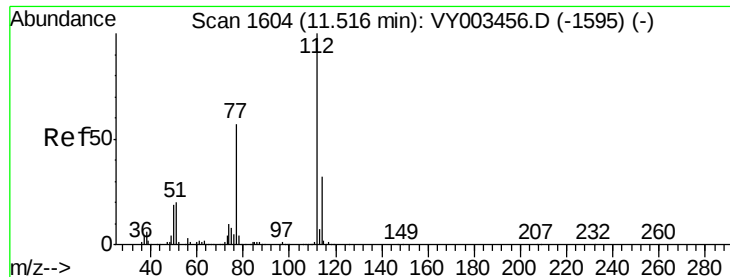
Tot Ion:117 Resp: 729046
Ion Ratio Lower Upper
117 100
82 54.7 41.7 62.5
119 32.8 25.3 37.9



#64
Tetrachloroethene
Concen: 20.393 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:164 Resp: 133988
Ion Ratio Lower Upper
164 100
166 129.0 103.0 154.6
129 88.4 68.9 103.3
131 83.7 66.7 100.1

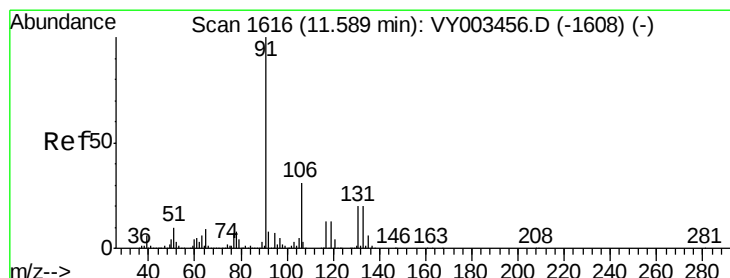
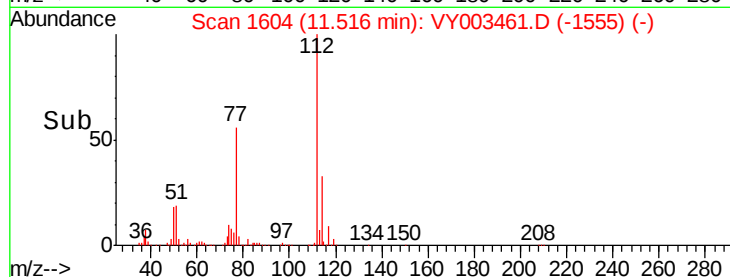
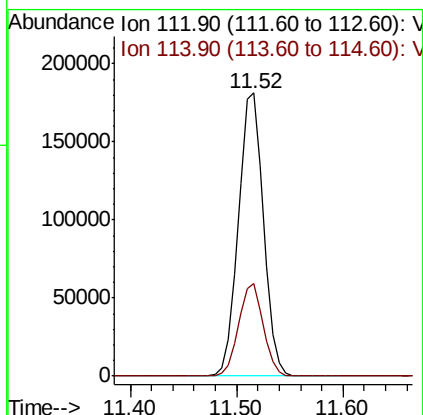
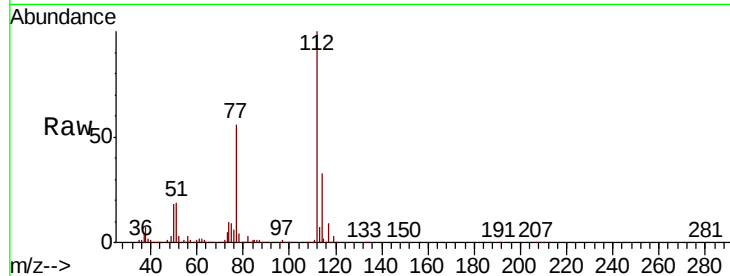




#65
Chlorobenzene
Concen: 20.594 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

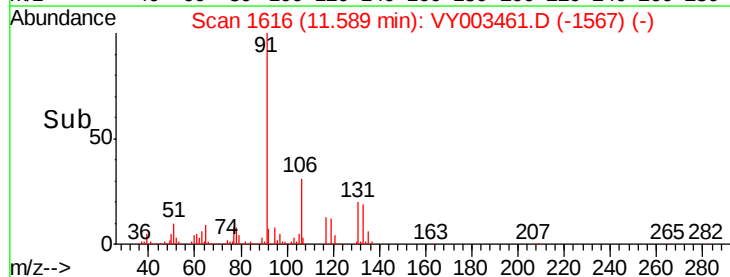
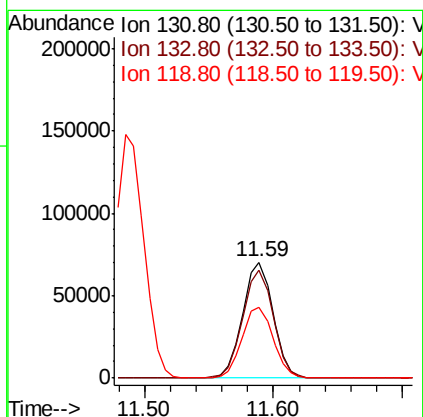
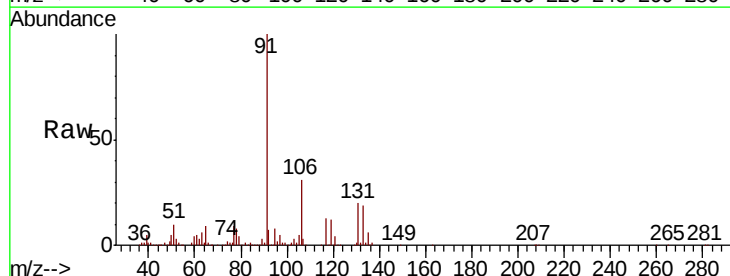
Instrument :
MSVOA_Y
ClientSampleId :

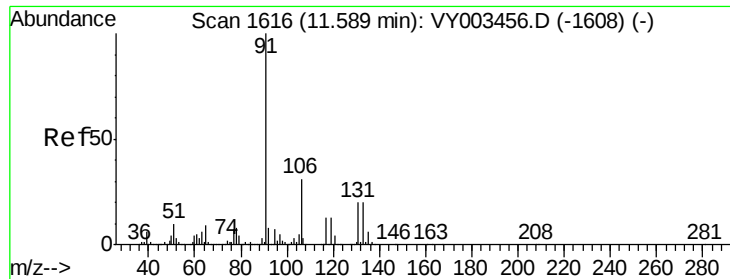
Tot Ion:112 Resp: 299981
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.597 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:131 Resp: 114268
Ion Ratio Lower Upper
131 100
133 93.8 48.3 144.8
119 62.9 31.5 94.5





#67

Ethyl Benzene

Concen: 20.312 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

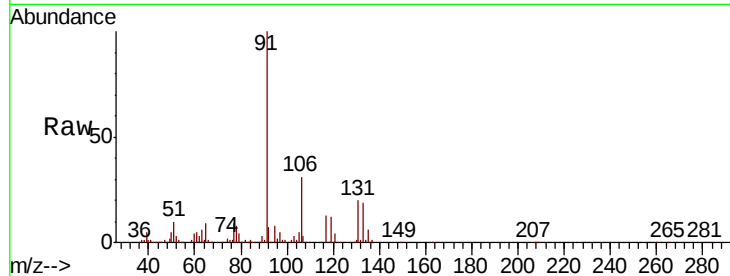
ClientSampleId :

Tot Ion: 91 Resp: 529858

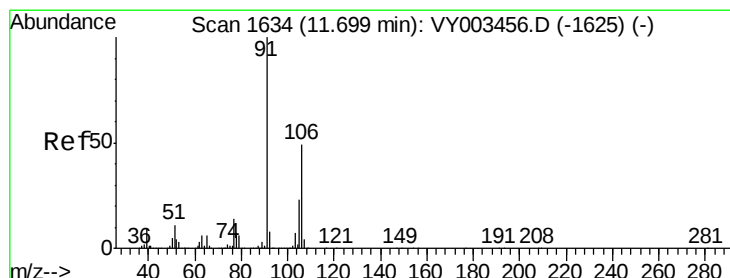
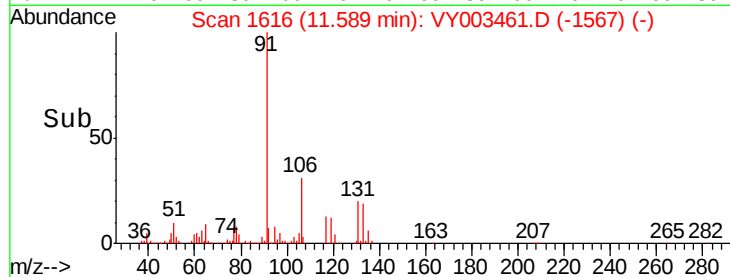
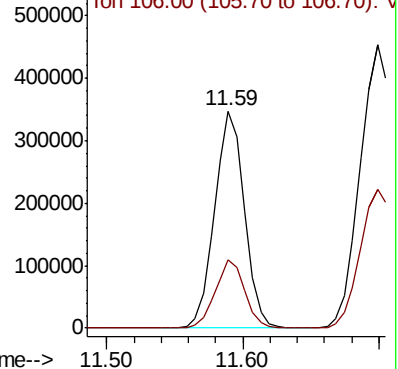
Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY003461.D (-1567) (-)



#68

m/p-Xylenes

Concen: 40.502 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003461.D

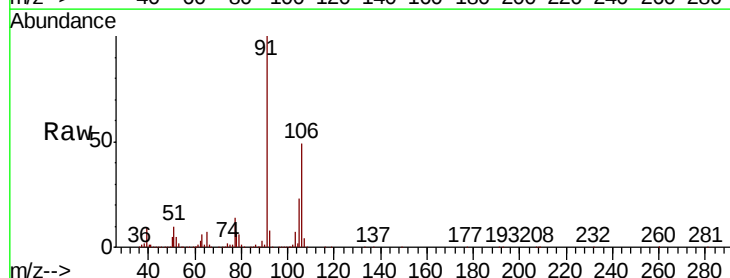
Acq: 05 Oct 2020 19:11

Tgt Ion: 106 Resp: 403024

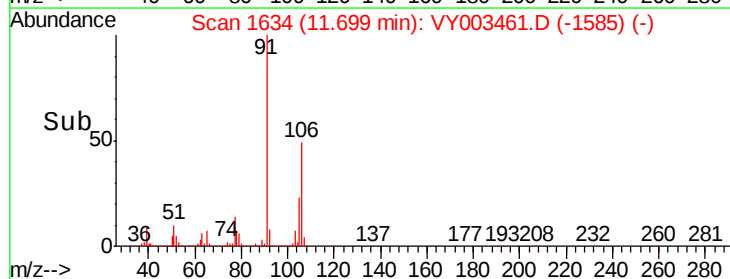
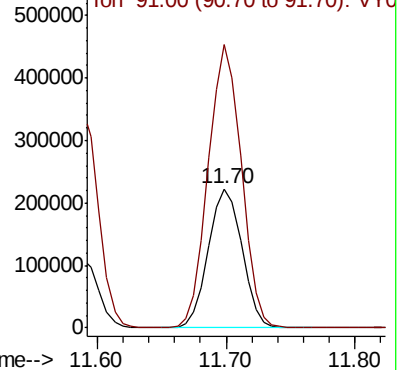
Ion Ratio Lower Upper

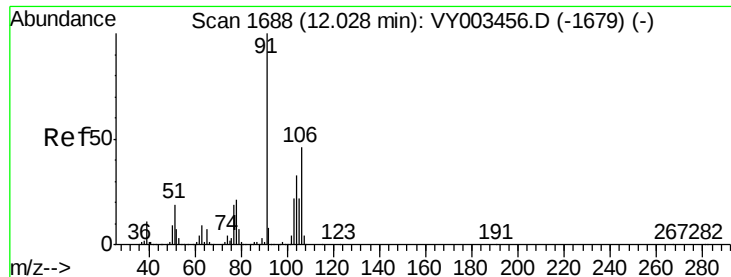
106 100

91 201.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VY003461.D (-1585) (-)

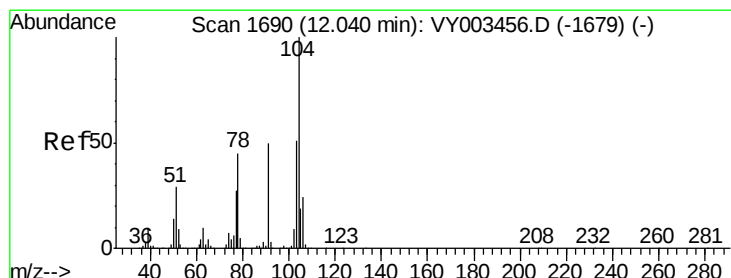
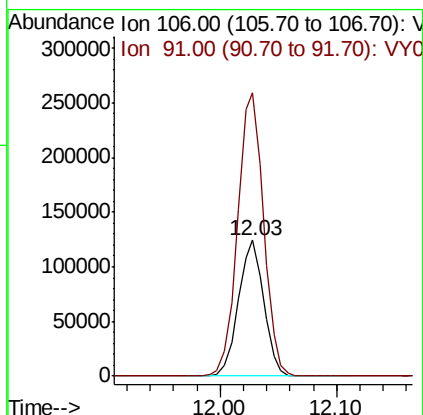
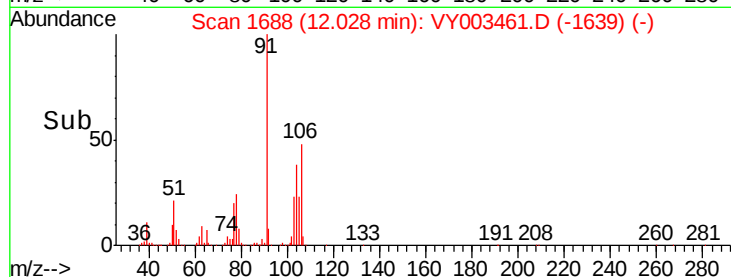
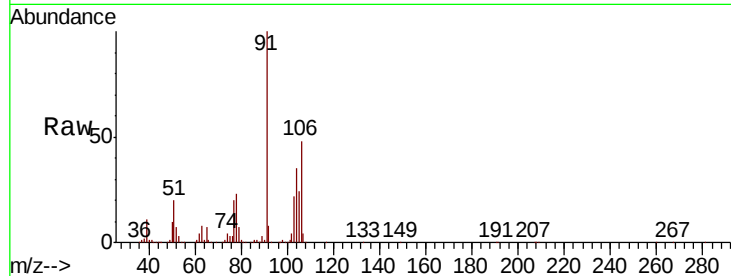




#69
o-Xylene
Concen: 20.169 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

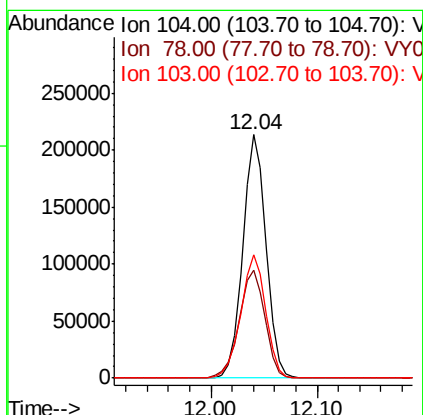
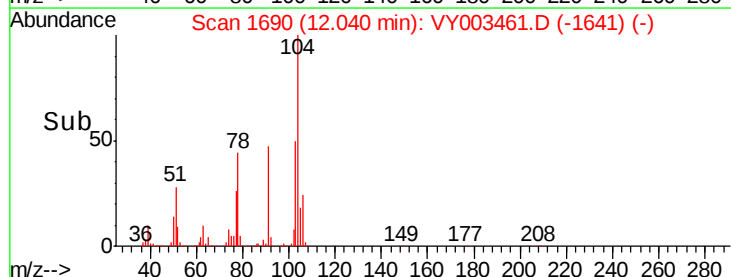
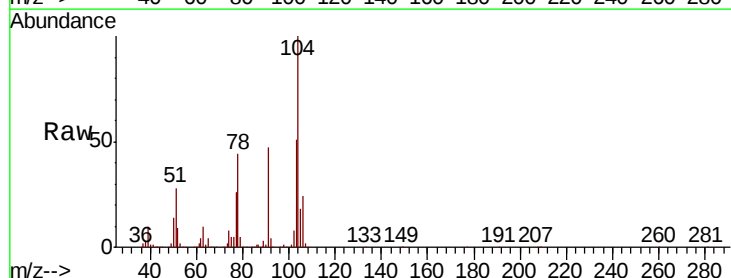
Instrument :
MSVOA_Y
ClientSampled :

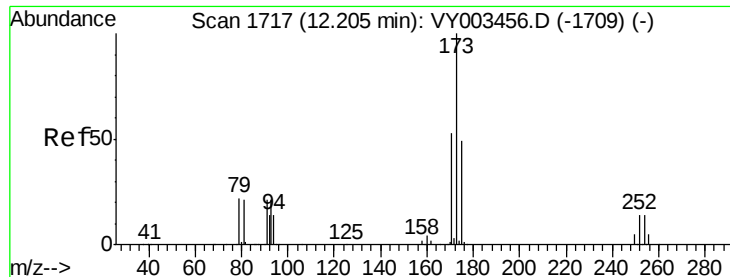
Tot Ion:106 Resp: 188453
Ion Ratio Lower Upper
106 100
91 213.5 106.8 320.4



#70
Styrene
Concen: 20.570 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:104 Resp: 327630
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.5 44.2 66.4

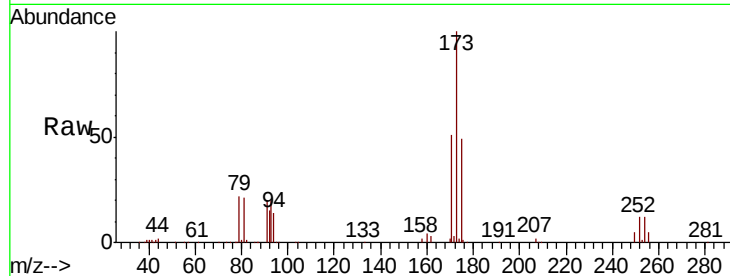




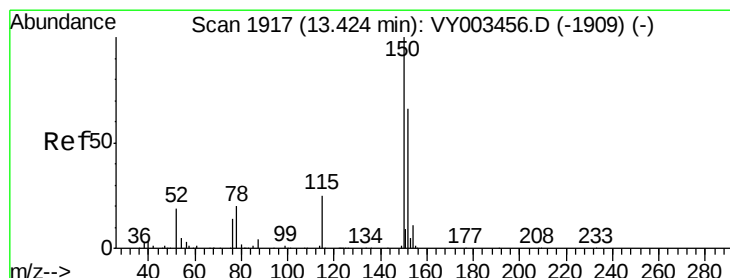
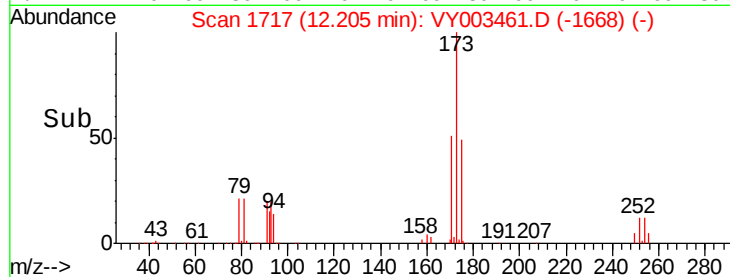
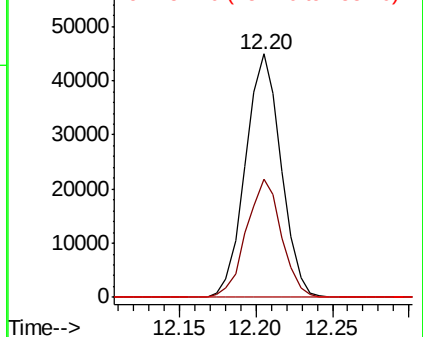
#71
Bromoform
Concen: 19.668 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 72754
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.7
254 0.0 0.2 0.4#

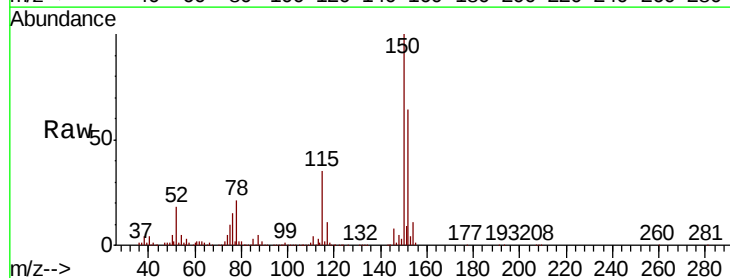


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

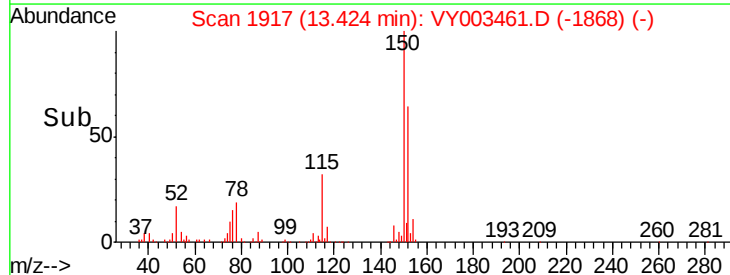
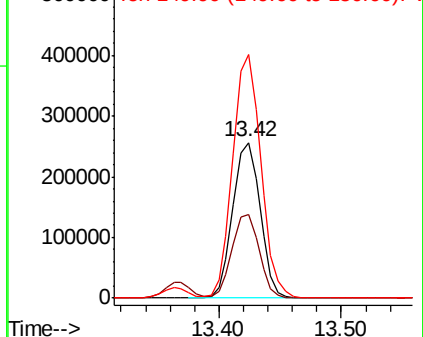


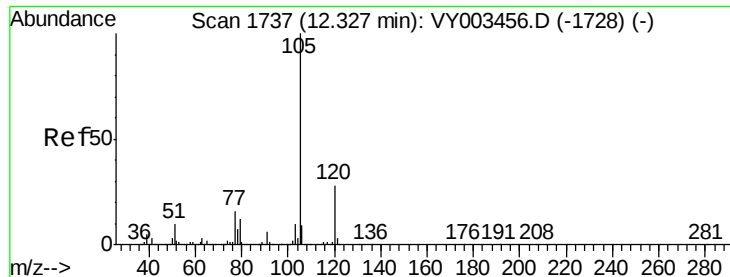
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:152 Resp: 395828
Ion Ratio Lower Upper
152 100
115 54.2 27.0 80.8
150 161.2 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: 20.897 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

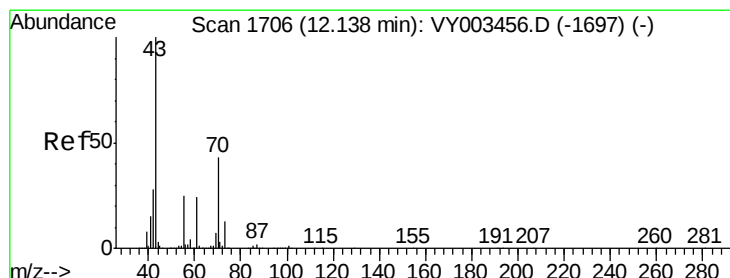
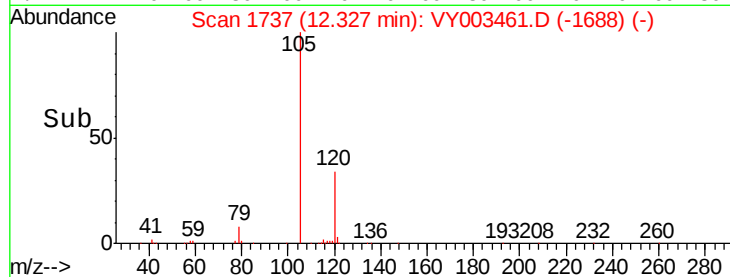
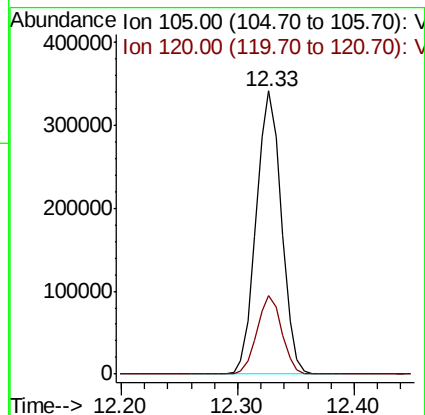
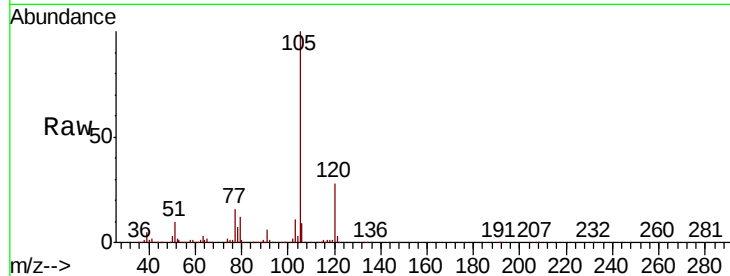
ClientSampleId :

Tot Ion:105 Resp: 517827

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.0



#74

N-ethyl acetate

Concen: 20.055 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Tgt Ion: 43 Resp: 143115

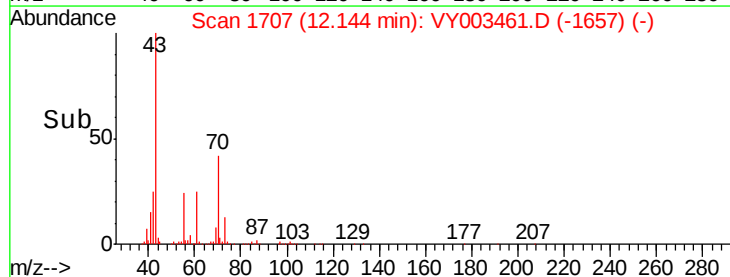
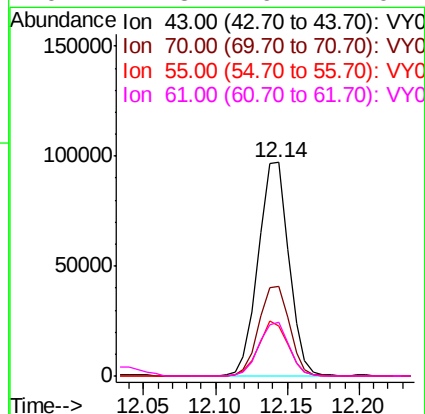
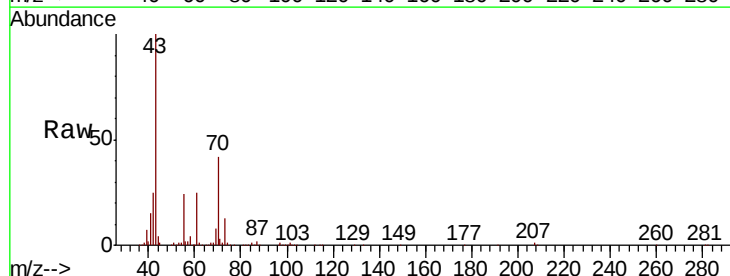
Ion Ratio Lower Upper

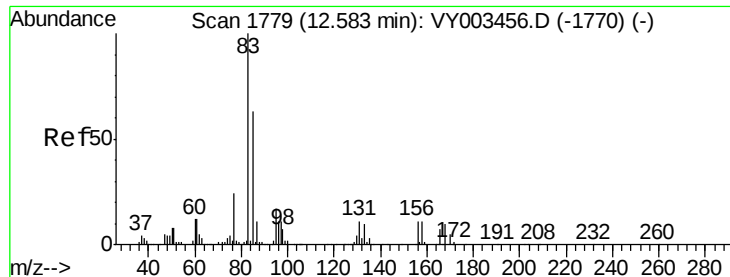
43 100

70 42.1 34.0 51.0

55 24.8 19.5 29.3

61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.354 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

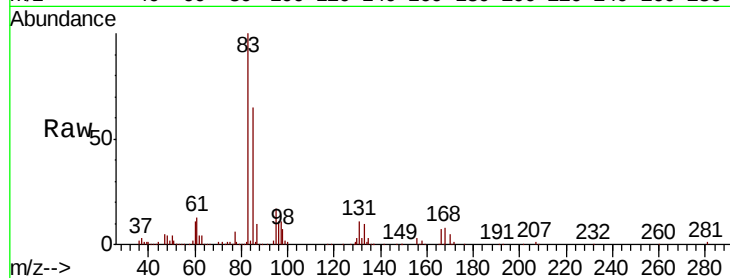
Tot Ion: 83 Resp: 97318

Ion Ratio Lower Upper

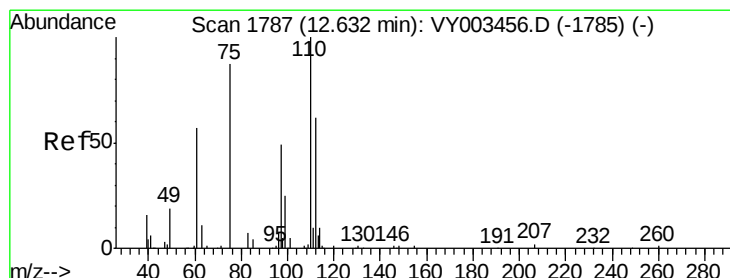
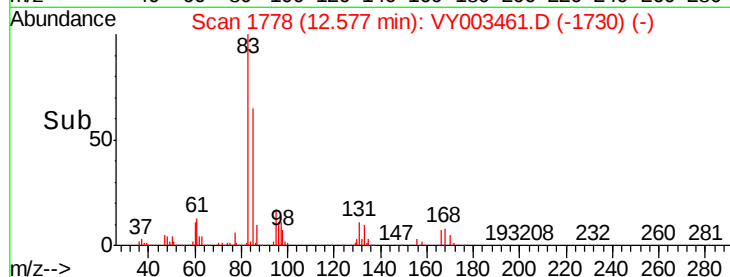
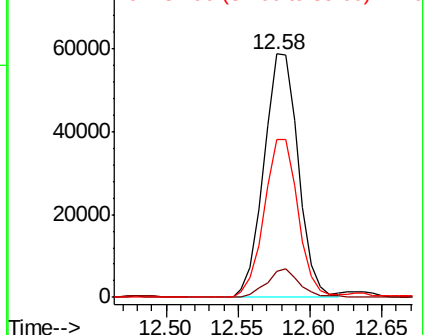
83 100

131 11.3 5.6 16.8

85 64.1 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: 40.368 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003461.D

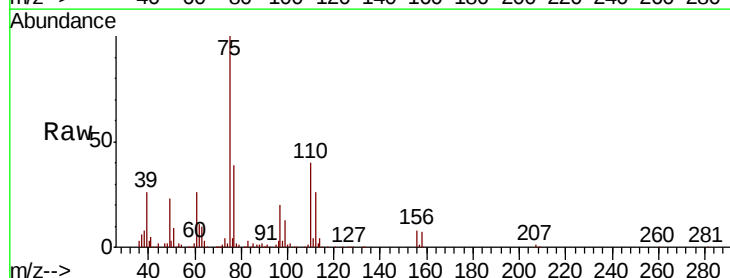
Acq: 05 Oct 2020 19:11

Tgt Ion: 75 Resp: 138168

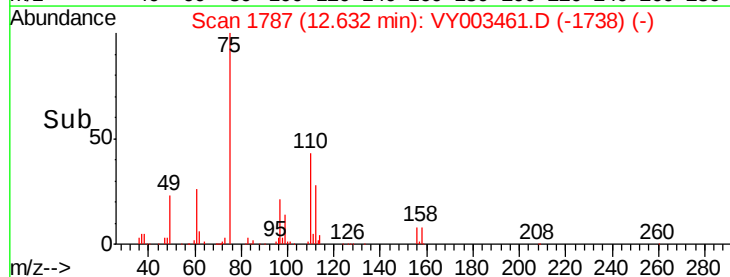
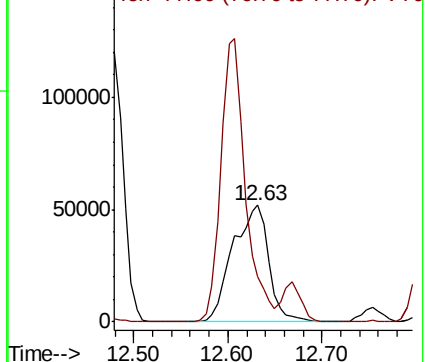
Ion Ratio Lower Upper

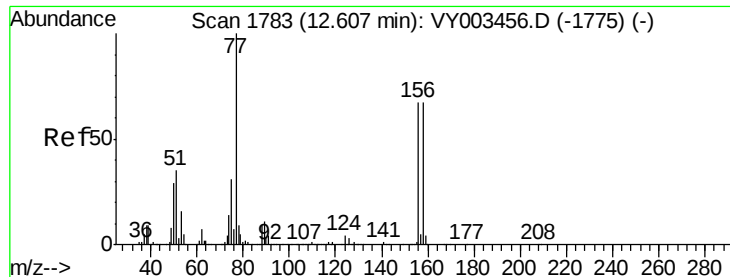
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.520 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

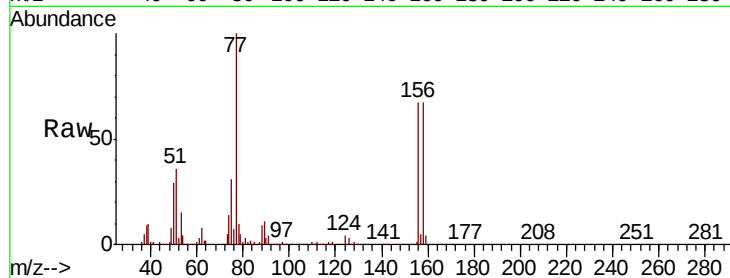
Tot Ion:156 Resp: 135269

Ion Ratio Lower Upper

156 100

77 168.9 84.5 253.4

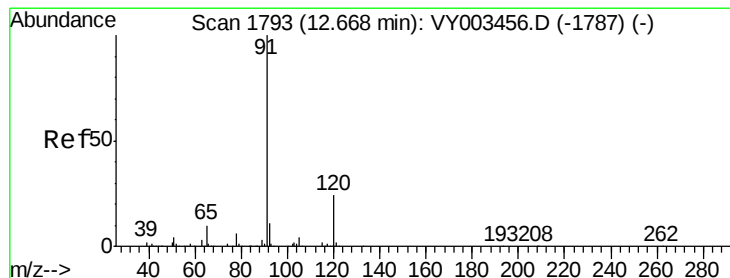
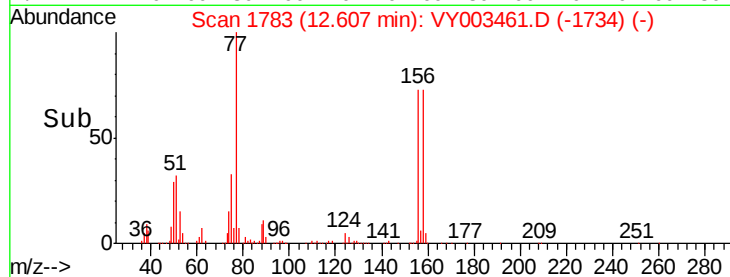
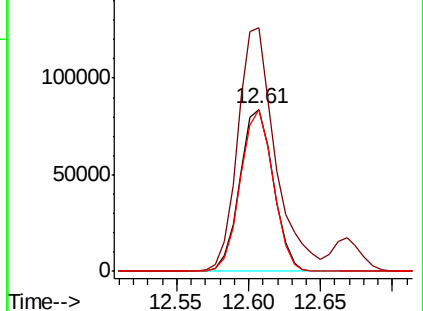
158 96.8 49.4 148.2



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: 20.777 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003461.D

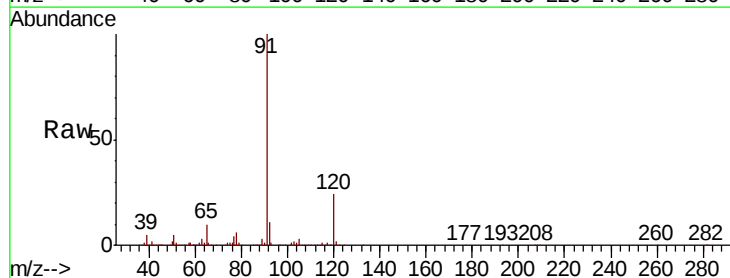
Acq: 05 Oct 2020 19:11

Tgt Ion: 91 Resp: 612026

Ion Ratio Lower Upper

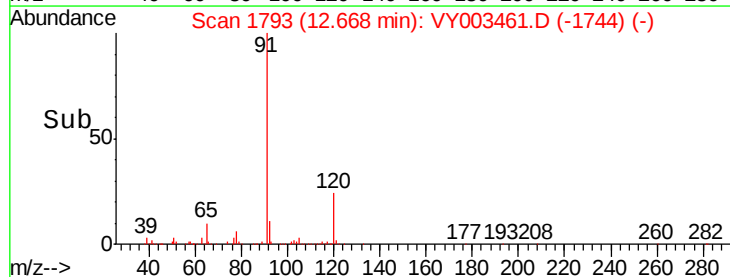
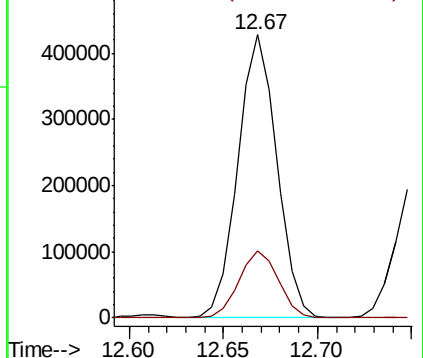
91 100

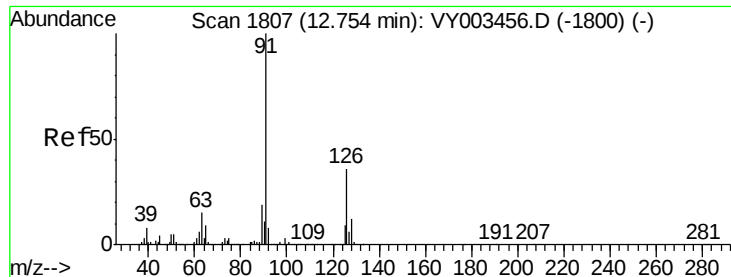
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.057 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

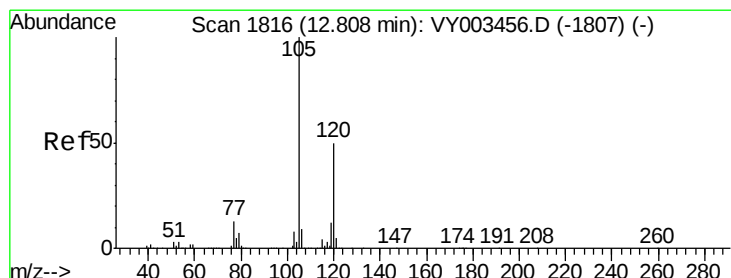
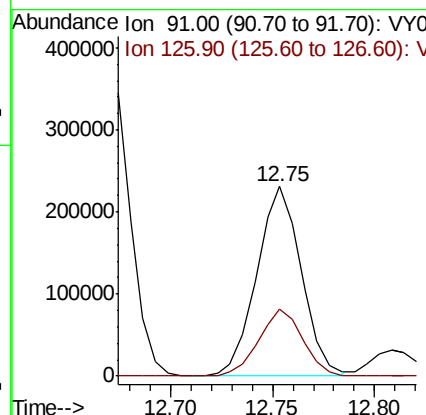
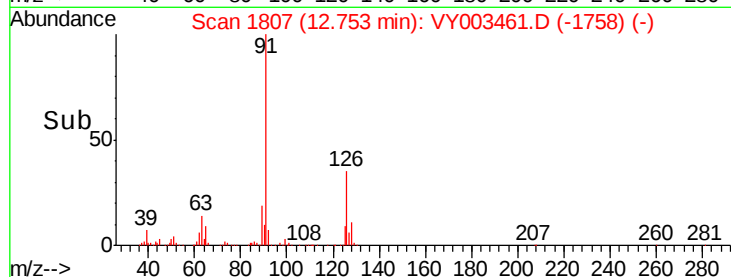
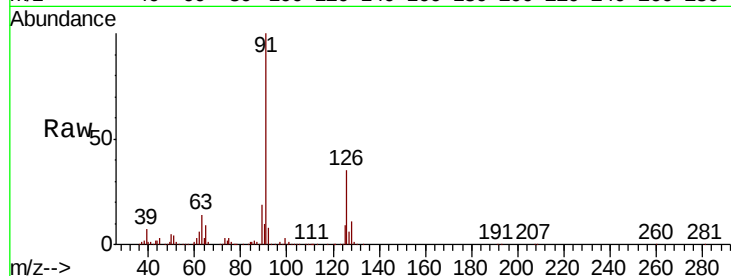
ClientSampleId :

Tot Ion: 91 Resp: 348901

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.121 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003461.D

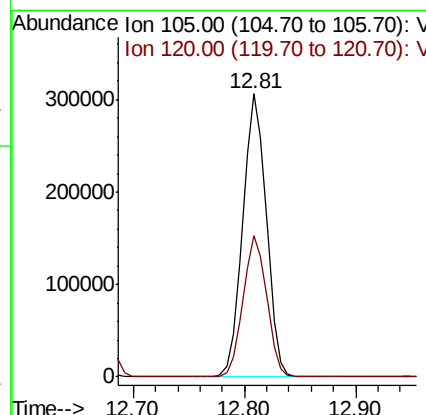
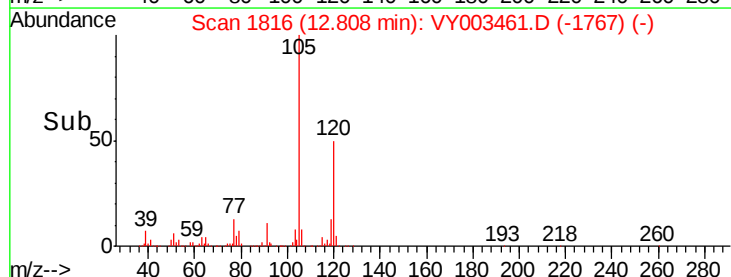
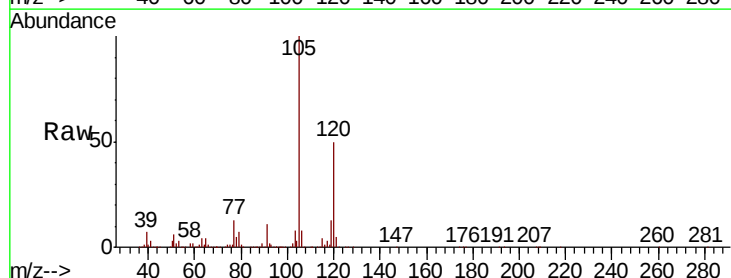
Acq: 05 Oct 2020 19:11

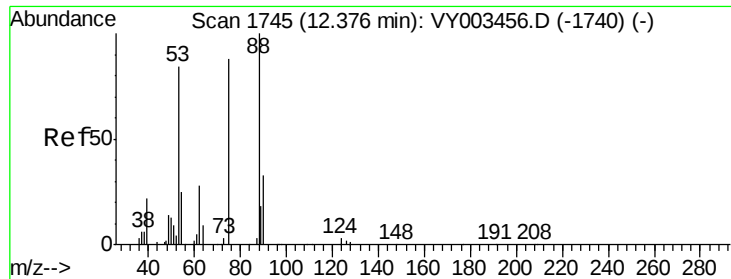
Tgt Ion: 105 Resp: 448985

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.488 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

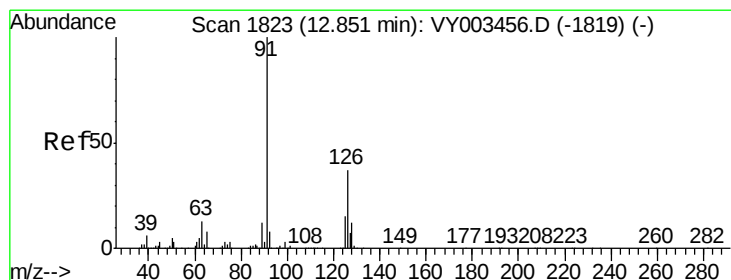
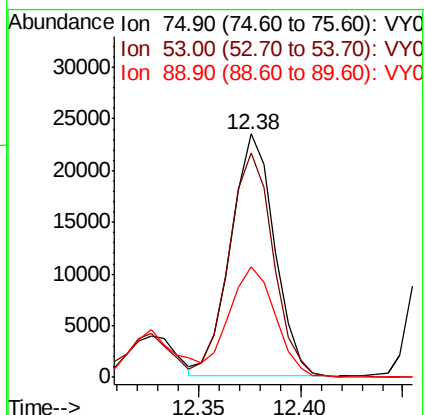
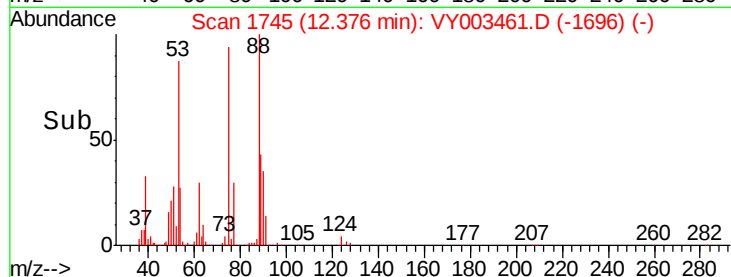
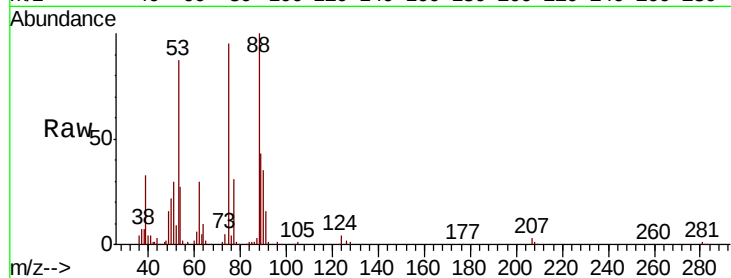
Tot Ion: 75 Resp: 35028

Ion Ratio Lower Upper

75 100

53 94.3 74.2 111.2

89 47.8 36.2 54.4



#82

4-Chlorotoluene

Concen: 20.672 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003461.D

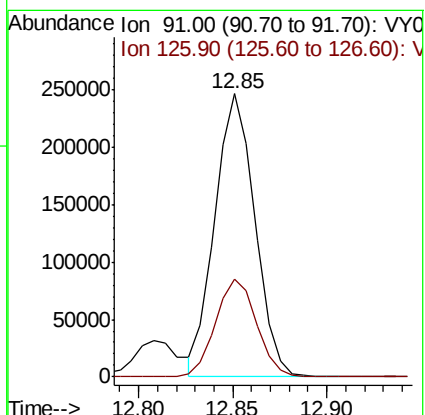
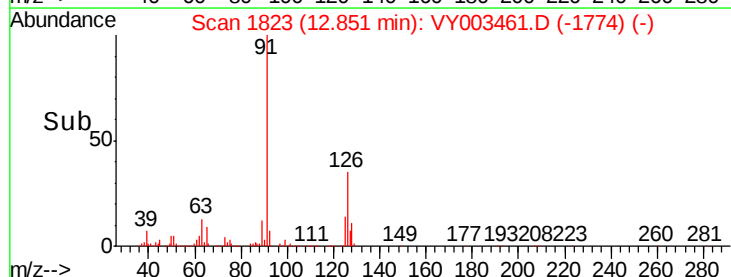
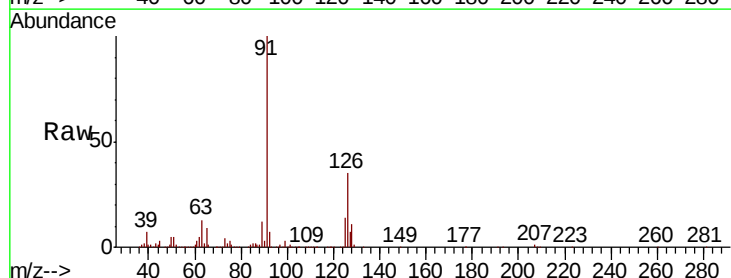
Acq: 05 Oct 2020 19:11

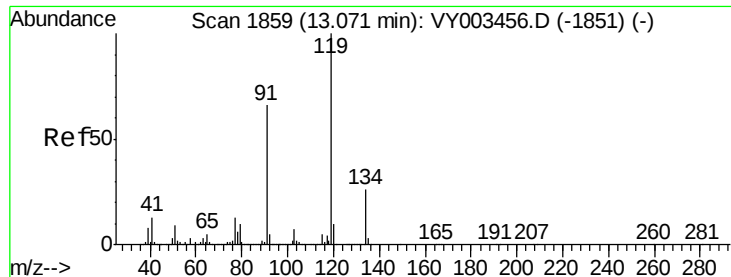
Tgt Ion: 91 Resp: 363174

Ion Ratio Lower Upper

91 100

126 35.5 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.675 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

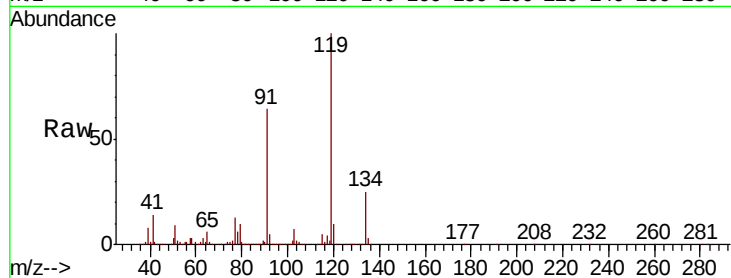
Tot Ion:119 Resp: 380678

Ion Ratio Lower Upper

119 100

91 64.3 32.5 97.4

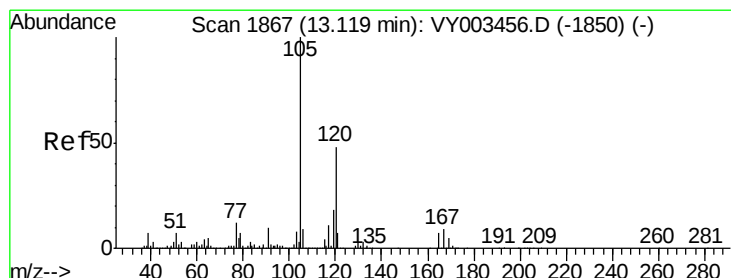
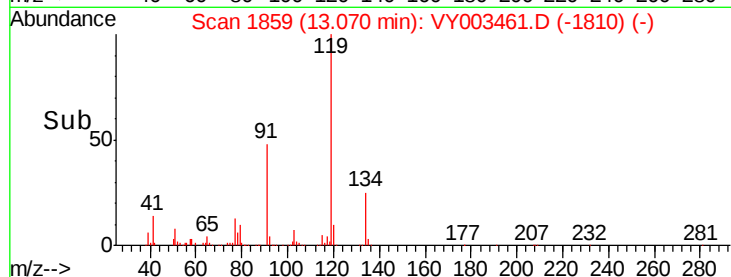
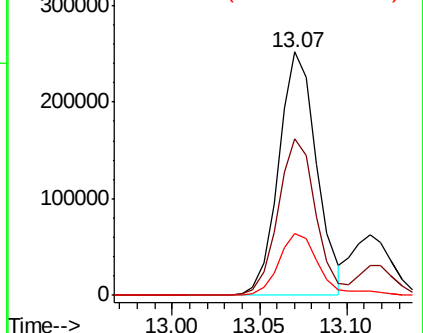
134 27.0 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.110 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003461.D

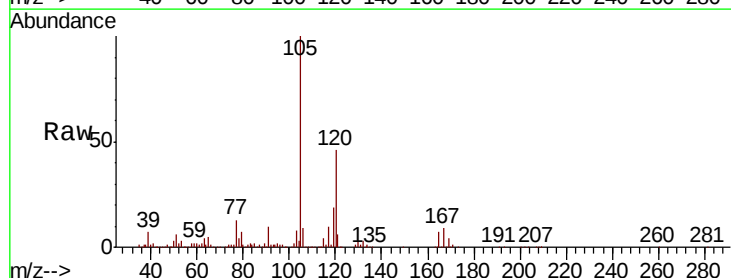
Acq: 05 Oct 2020 19:11

Tgt Ion:105 Resp: 453171

Ion Ratio Lower Upper

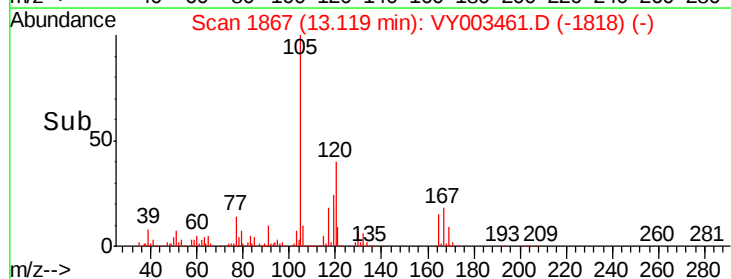
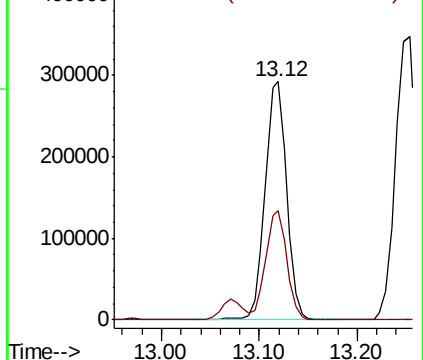
105 100

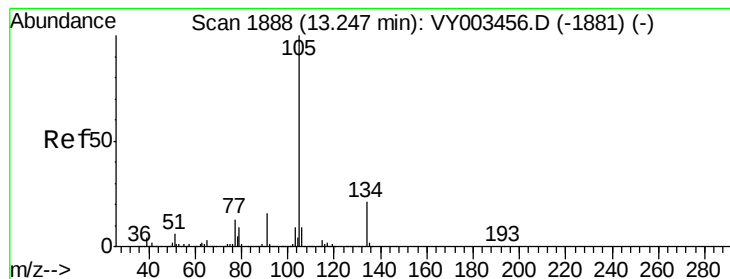
120 45.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.852 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

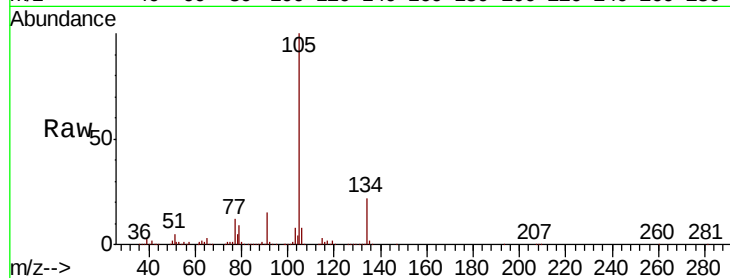
ClientSampleId :

Tot Ion:105 Resp: 531539

Ion Ratio Lower Upper

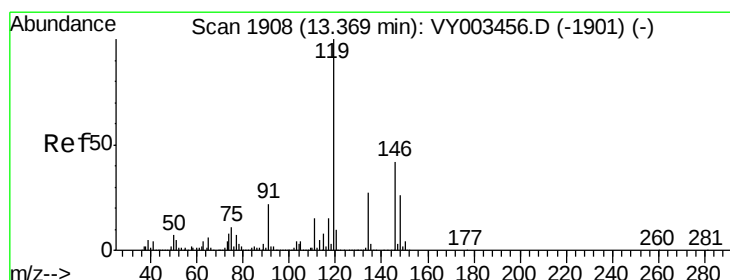
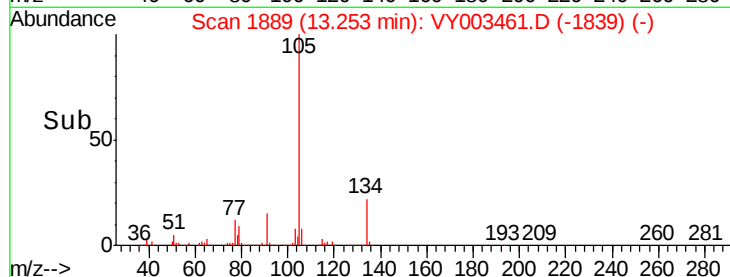
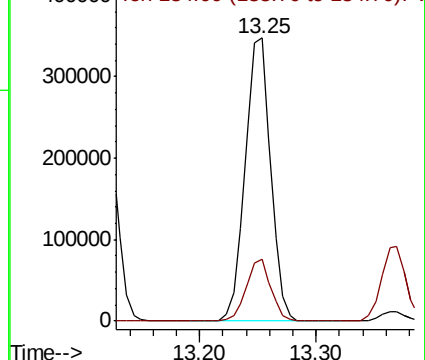
105 100

134 21.1 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: 20.342 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

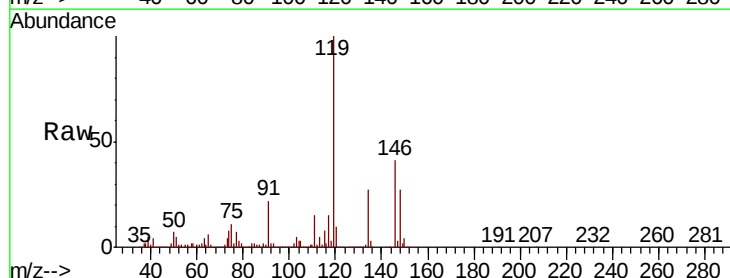
Tgt Ion:119 Resp: 494076

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

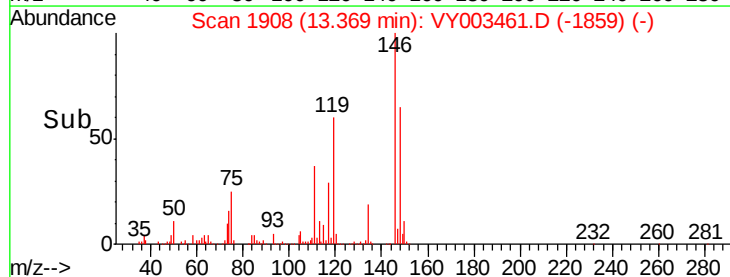
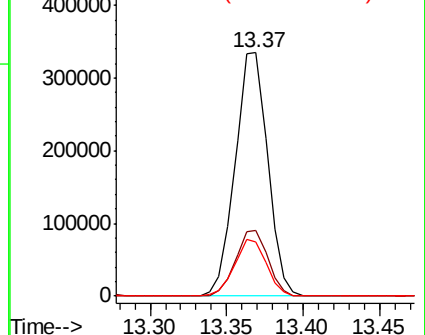
91 22.8 11.4 34.2

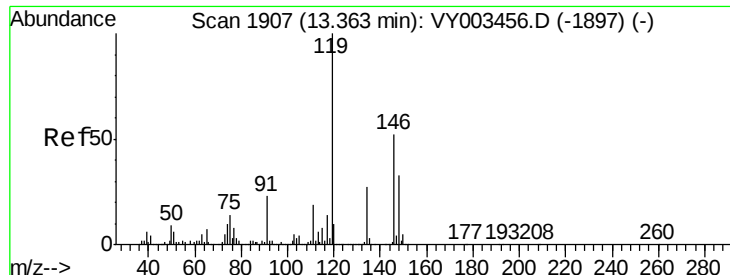


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.395 ug/l

RT: 13.36 min Scan# 1907

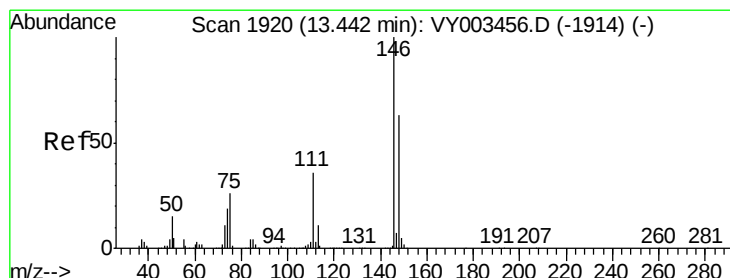
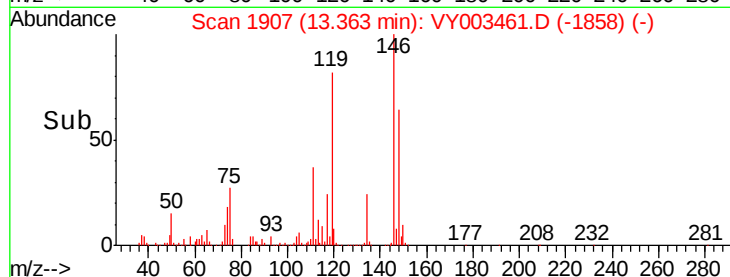
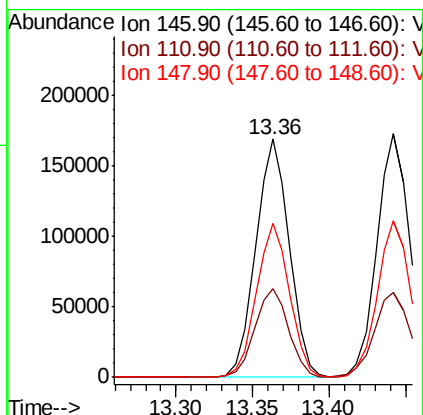
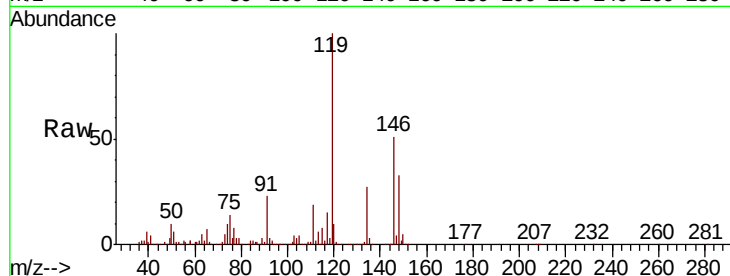
Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.412 ug/l

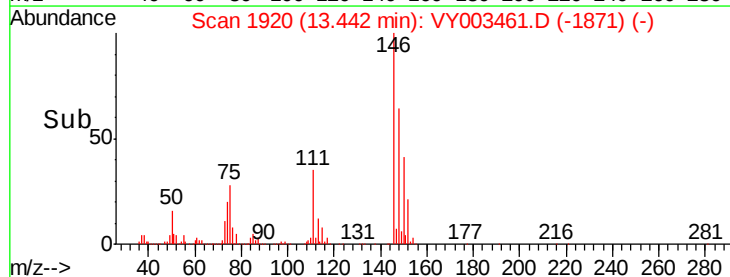
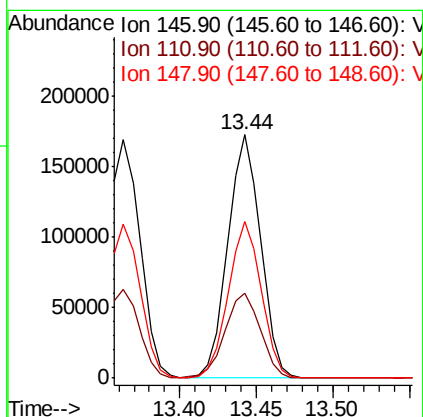
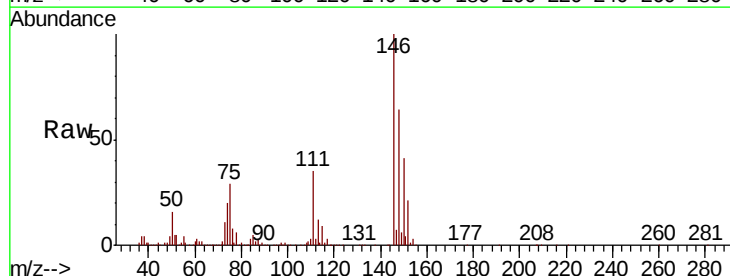
RT: 13.44 min Scan# 1920

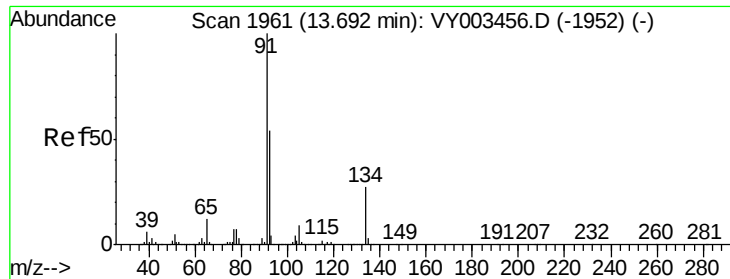
Delta R.T. -0.00 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.9	32.4	97.0

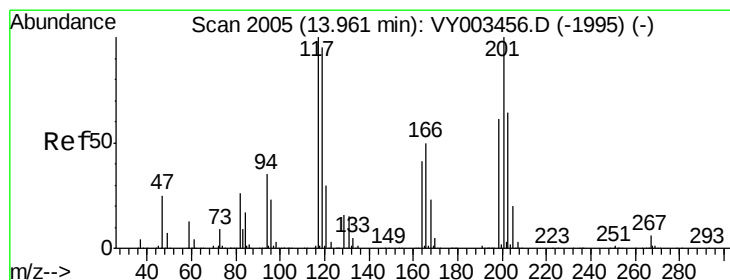
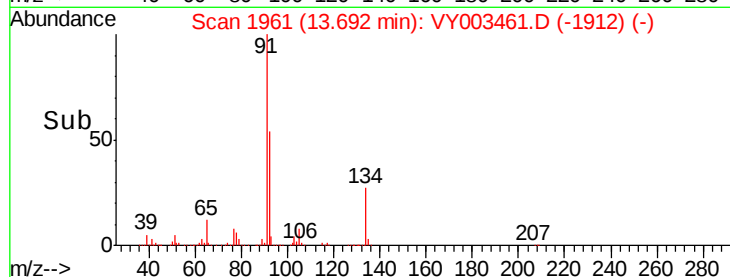
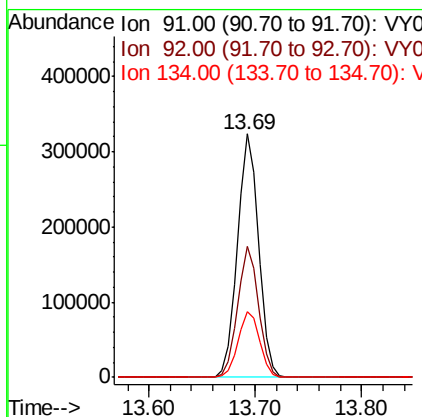
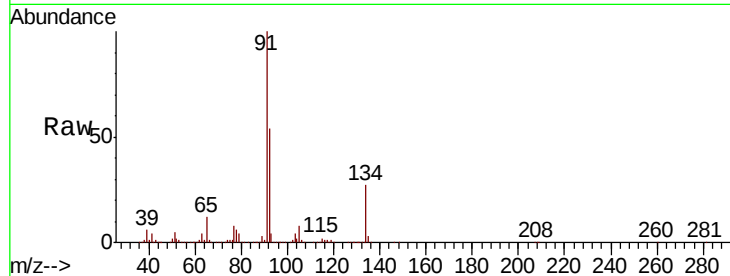




#89
n-Butylbenzene
Concen: 20.487 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

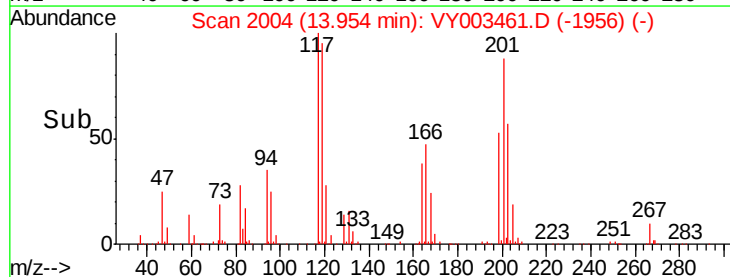
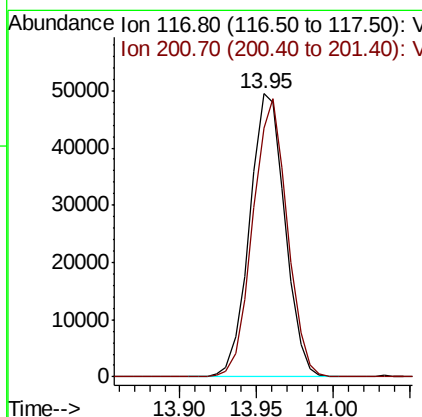
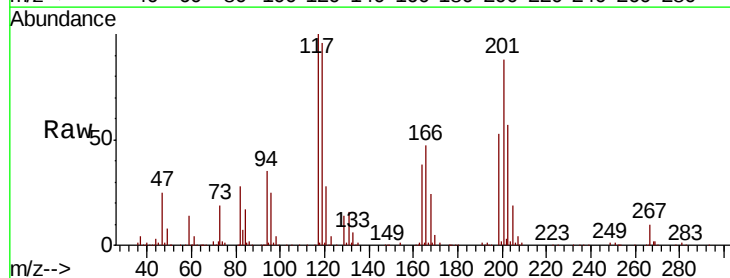
Instrument :
MSVOA_Y
ClientSampleId :

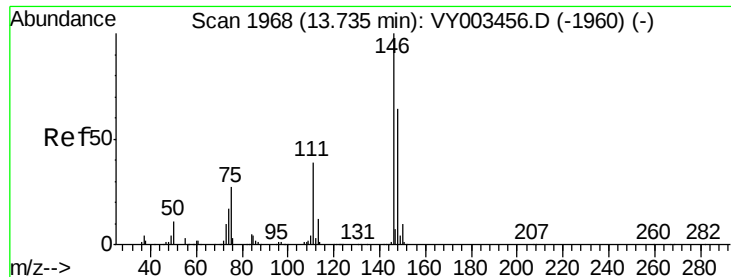
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.8
134	27.6	14.1	42.4



#90
Hexachloroethane
Concen: 20.881 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.6	48.3	144.8





#91

1,2-Dichlorobenzene

Concen: 20.751 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003461.D

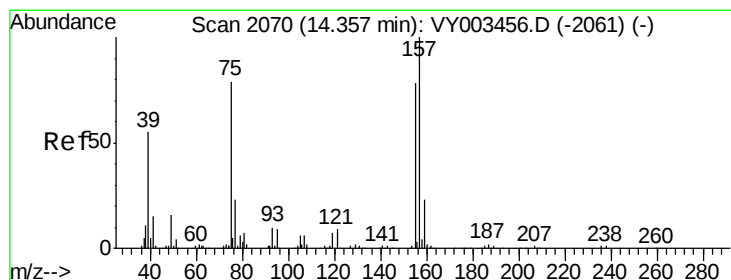
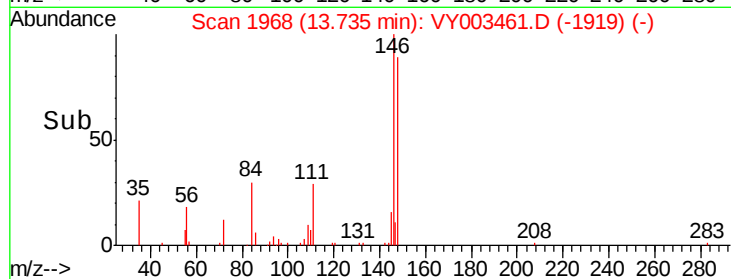
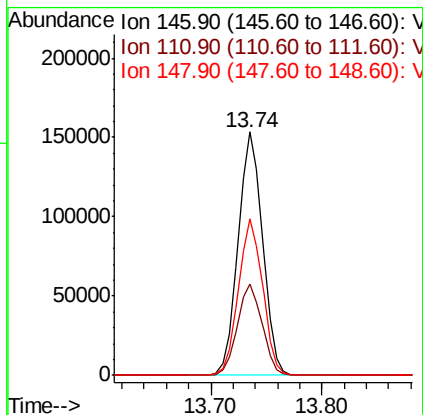
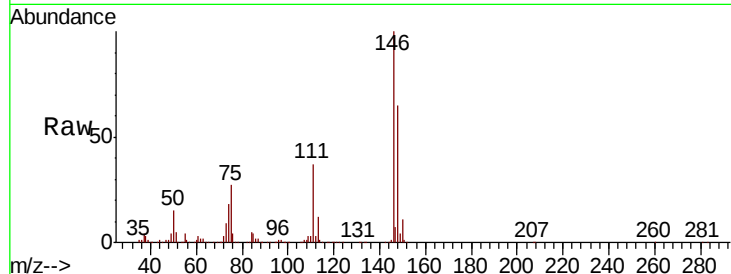
Acq: 05 Oct 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	233359
Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	63.7	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.979 ug/l

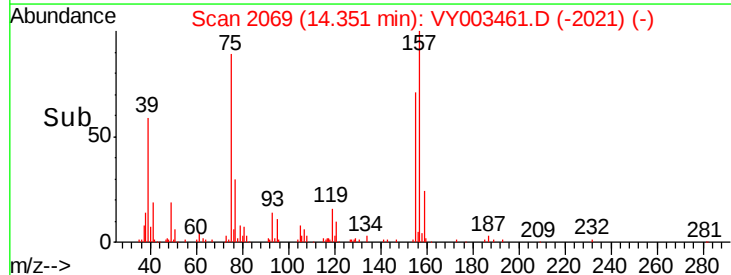
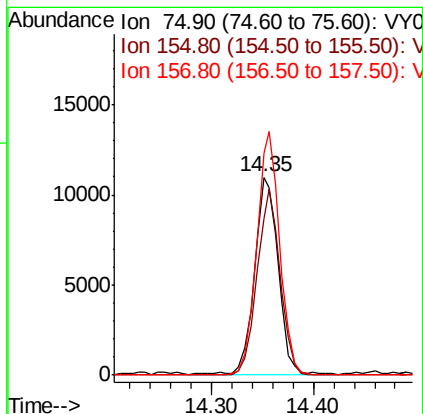
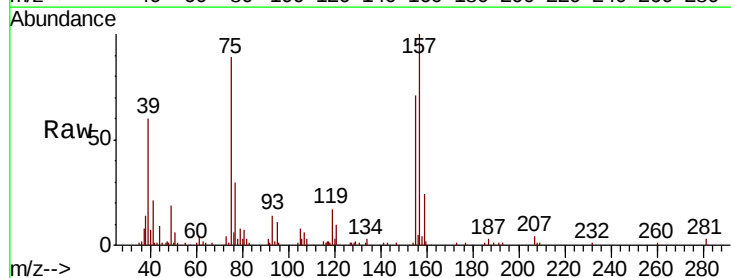
RT: 14.35 min Scan# 2069

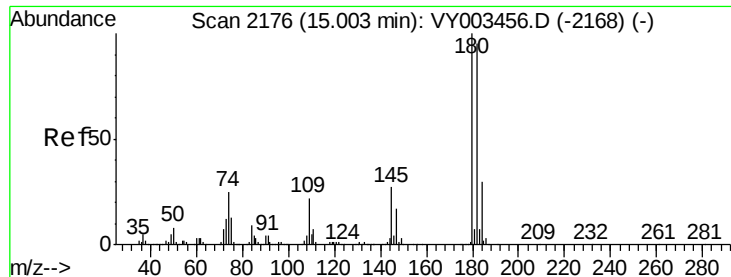
Delta R.T. -0.01 min

Lab File: VY003461.D

Acq: 05 Oct 2020 19:11

Tgt Ion:	75	Resp:	18103
Ion	Ratio	Lower	Upper
75	100		
155	89.4	47.8	143.3
157	117.2	60.8	182.4

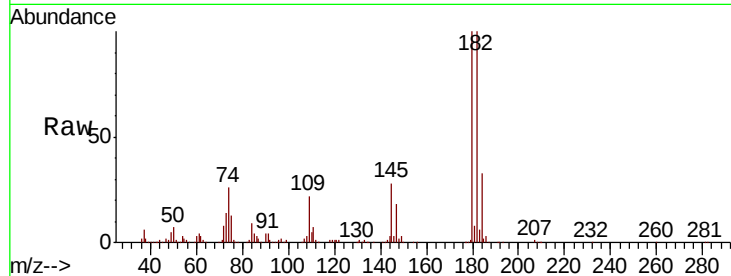




#93
 1,2,4-Trichlorobenzene
 Concen: 20.194 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	27.1	13.5	40.5

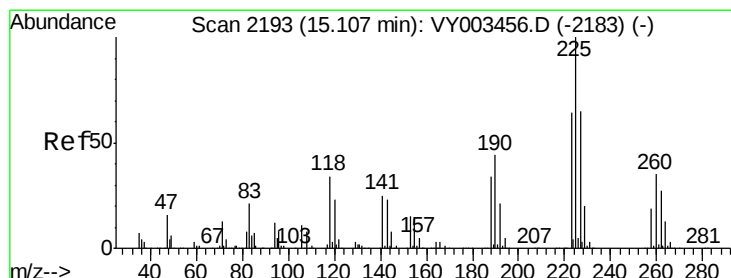
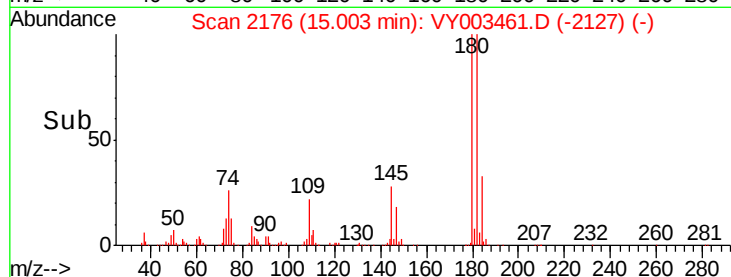
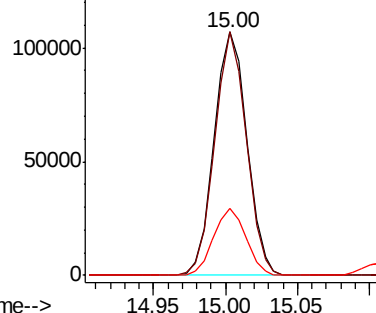


Abundance

Ion 179.80 (179.50 to 180.50): V

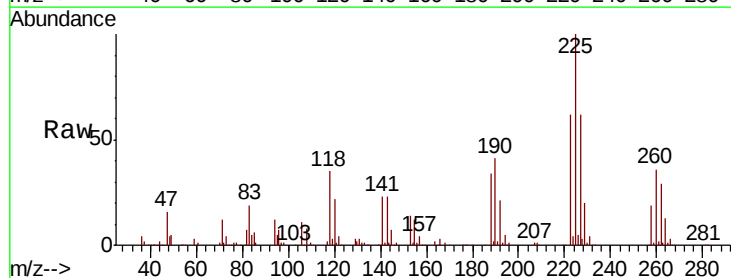
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.876 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003461.D
 Acq: 05 Oct 2020 19:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.0
227	62.3	32.5	97.4

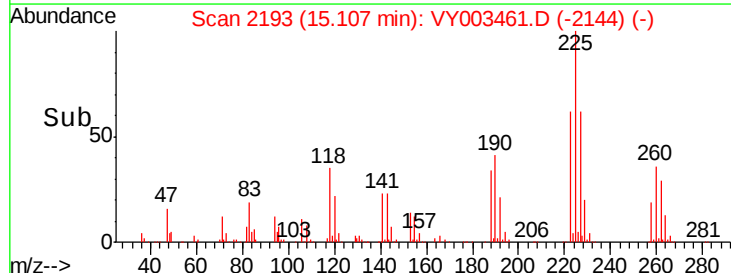
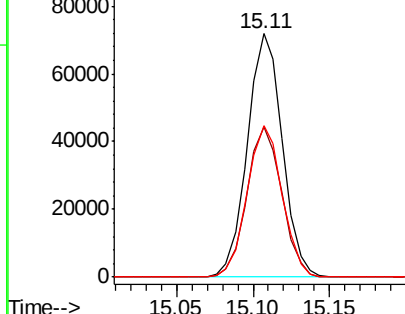


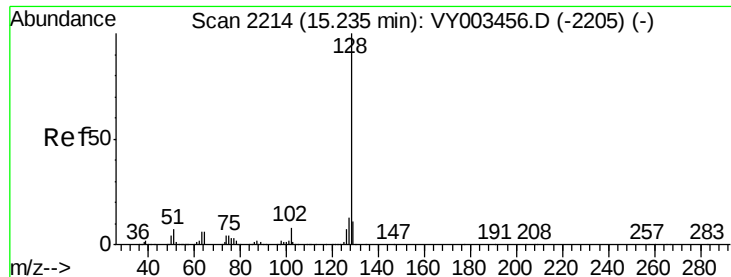
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

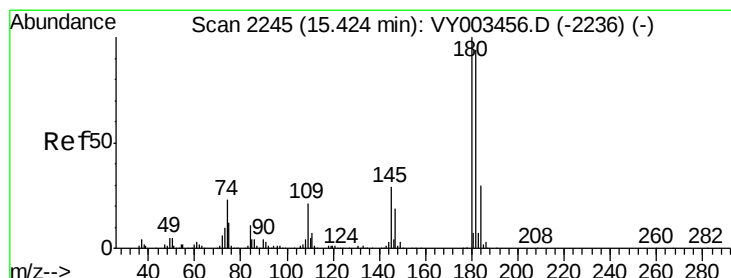
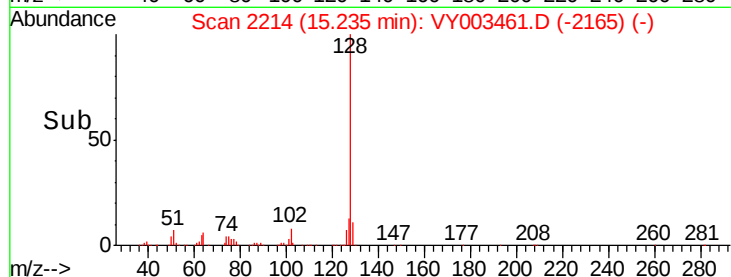
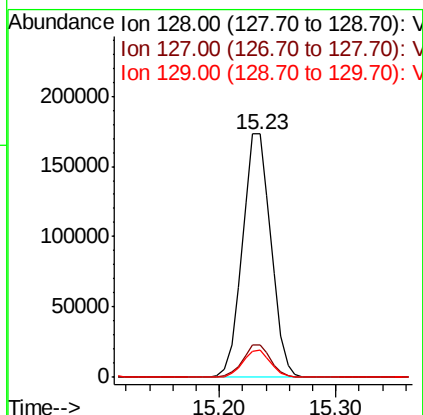
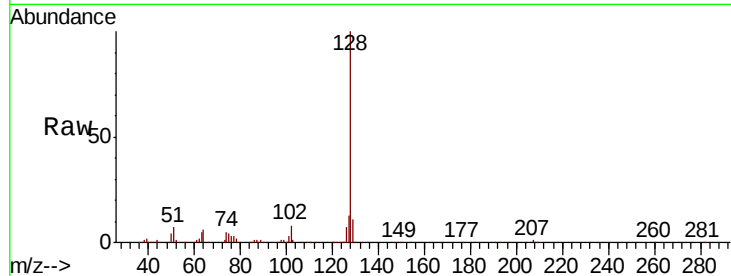




#95
Naphthalene
Concen: 20.227 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 296608
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.264 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003461.D
Acq: 05 Oct 2020 19:11

Tgt Ion:180 Resp: 146508
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 29.3 14.4 43.4

