

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003459.D
 Acq On : 05 Oct 2020 17:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:25:25 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	560178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	805338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	754717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	411708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	292237	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.72	113	258009	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.18	98	1055061	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	370756	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	231561	53.186	ug/l	98
3) Chloromethane	2.12	50	319464	52.747	ug/l	99
4) Vinyl Chloride	2.25	62	356290	54.067	ug/l	98
5) Bromomethane	2.65	94	271981	48.085	ug/l	96
6) Chloroethane	2.80	64	203338	50.462	ug/l	99
7) Trichlorofluoromethane	3.13	101	406231	50.109	ug/l	100
8) Diethyl Ether	3.54	74	135476	50.376	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	227057	50.371	ug/l	99
10) Methyl Iodide	4.10	142	199574	61.761	ug/l	100
11) Tert butyl alcohol	4.96	59	119910	221.418	ug/l	98
12) 1,1-Dichloroethene	3.88	96	223041	50.175	ug/l	98
13) Acrolein	3.73	56	119772	228.115	ug/l	98
14) Allyl chloride	4.49	41	393289	49.465	ug/l	98
15) Acrylonitrile	5.17	53	309481	241.075	ug/l	97
16) Acetone	3.95	43	301282	219.959	ug/l	98
17) Carbon Disulfide	4.20	76	726269	49.984	ug/l	99
18) Methyl Acetate	4.48	43	150506	45.644	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	584105	49.667	ug/l	100
20) Methylene Chloride	4.72	84	268840	52.153	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	260711	50.021	ug/l	95
22) Diisopropyl ether	6.13	45	748505	50.192	ug/l	98
23) Vinyl Acetate	6.07	43	2699758	247.387	ug/l	100
24) 1,1-Dichloroethane	6.02	63	461144	50.029	ug/l	99
25) 2-Butanone	6.99	43	452342	229.390	ug/l	100
26) 2,2-Dichloropropane	6.99	77	404695	48.894	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	292522	50.335	ug/l	99
28) Bromochloromethane	7.34	49	235944	52.457	ug/l	98
29) Tetrahydrofuran	7.35	42	269873	232.717	ug/l	98
30) Chloroform	7.51	83	469568	50.222	ug/l	99
31) Cyclohexane	7.78	56	398609	48.635	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	423778	49.436	ug/l	99
36) 1,1-Dichloropropene	7.93	75	372386	49.305	ug/l	99
37) Ethyl Acetate	7.08	43	206454	46.260	ug/l	100
38) Carbon Tetrachloride	7.91	117	388638	49.073	ug/l	99

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 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)
39) Methylcyclohexane	9.18	83	423131	50.846	ug/l	98
40) Benzene	8.16	78	1048347	48.918	ug/l	99
41) Methacrylonitrile	7.35	41	266262	117.020	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	326918	47.796	ug/l	100
43) Isopropyl Acetate	8.27	43	391691	46.876	ug/l	100
44) Trichloroethene	8.94	130	306699	48.589	ug/l	98
45) 1,2-Dichloropropane	9.22	63	271720	49.749	ug/l	98
46) Dibromomethane	9.31	93	146283	47.365	ug/l	99
47) Bromodichloromethane	9.50	83	368055	48.611	ug/l	98
48) Methyl methacrylate	9.29	41	187258	47.329	ug/l	98
49) 1,4-Dioxane	9.30	88	33055	906.600	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	1033258	232.289	ug/l	98
52) Toluene	10.24	92	677258	49.037	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	397535	49.092	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	442915	49.054	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	211801	47.964	ug/l	100
56) Ethyl methacrylate	10.51	69	289855	48.789	ug/l	98
57) 1,3-Dichloropropane	10.79	76	369345	48.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	748022	240.315	ug/l	99
59) 2-Hexanone	10.83	43	719364	230.228	ug/l	99
60) Dibromochloromethane	10.99	129	268592	48.051	ug/l	100
61) 1,2-Dibromoethane	11.09	107	202117	47.580	ug/l	99
64) Tetrachloroethene	10.72	164	328748	48.333	ug/l	98
65) Chlorobenzene	11.52	112	741478	49.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	283715	49.402	ug/l	99
67) Ethyl Benzene	11.59	91	1345329	49.818	ug/l	100
68) m/p-Xylenes	11.70	106	1024036	99.409	ug/l	100
69) o-Xylene	12.03	106	484867	50.126	ug/l	99
70) Styrene	12.04	104	832443	50.486	ug/l	99
71) Bromoform	12.20	173	183730	47.979	ug/l #	98
73) Isopropylbenzene	12.33	105	1332059	51.682	ug/l	99
74) N-amyl acetate	12.14	43	368378	49.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	241474	48.557	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	342489	96.204	ug/l #	100
77) Bromobenzene	12.61	156	339899	49.574	ug/l	99
78) n-propylbenzene	12.67	91	1575747	51.429	ug/l	100
79) 2-Chlorotoluene	12.75	91	876375	50.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1148612	51.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	89049	47.631	ug/l	99
82) 4-Chlorotoluene	12.85	91	918097	50.244	ug/l	99
83) tert-Butylbenzene	13.07	119	981989	51.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1152029	51.595	ug/l	99
85) sec-Butylbenzene	13.25	105	1370862	51.704	ug/l	100
86) p-Isopropyltoluene	13.37	119	1297626	51.364	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	655577	49.950	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	647506	49.632	ug/l	99
89) n-Butylbenzene	13.69	91	1185574	51.509	ug/l	99
90) Hexachloroethane	13.95	117	204070	51.597	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	583220	49.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	43740	46.410	ug/l	99

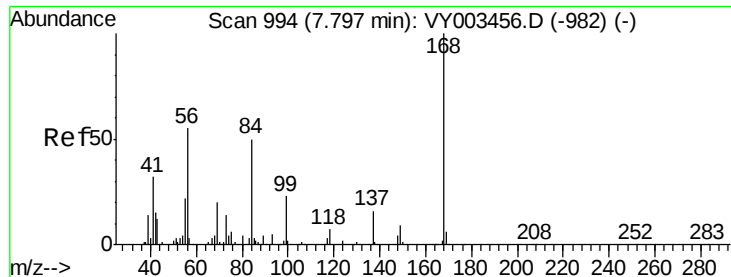
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	433801	49.976	ug/l	99
94) Hexachlorobutadiene	15.11	225	282021	49.596	ug/l	99
95) Naphthalene	15.23	128	774517	50.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	375262	49.901	ug/l	99

(#) = 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: VY003459.D

Acq: 05 Oct 2020 17:41

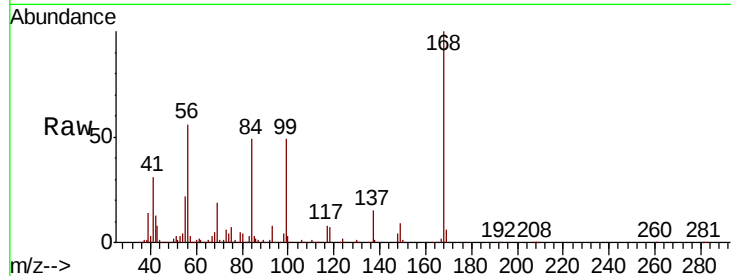
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 560178

Ion Ratio Lower Upper

168 100

99 48.9 40.4 60.6



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

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

7.80

250000

200000

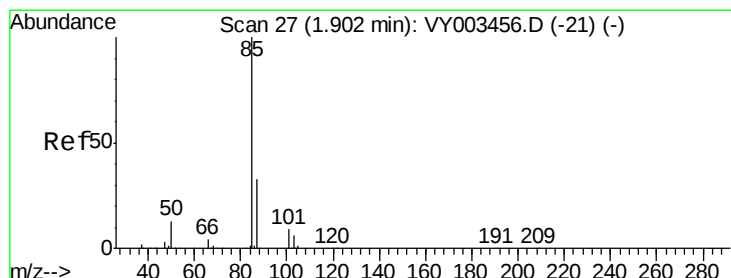
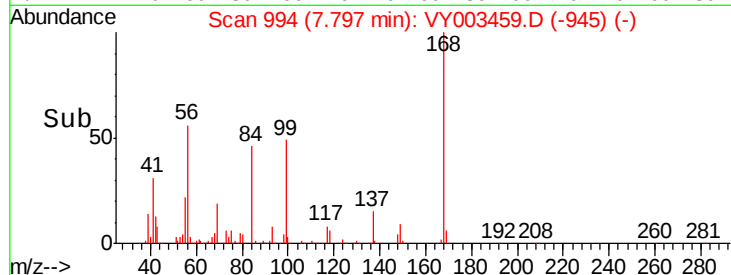
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.186 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003459.D

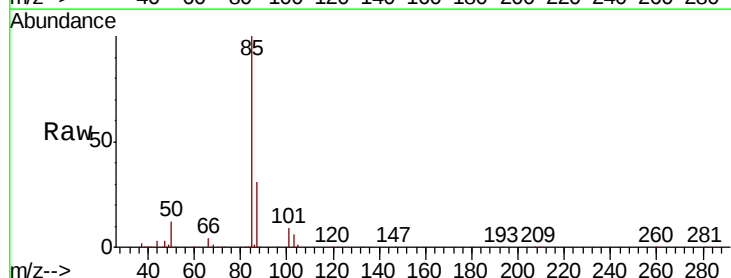
Acq: 05 Oct 2020 17:41

Tgt Ion: 85 Resp: 231561

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



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

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

1.90

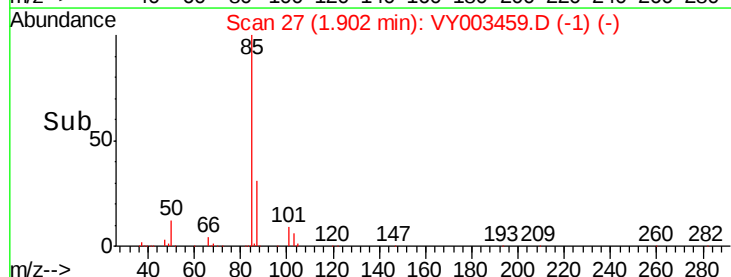
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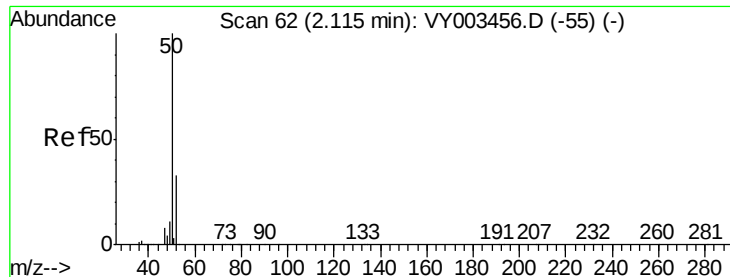
100000

50000

0

Time-->





#3

Chloromethane

Concen: 52.747 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

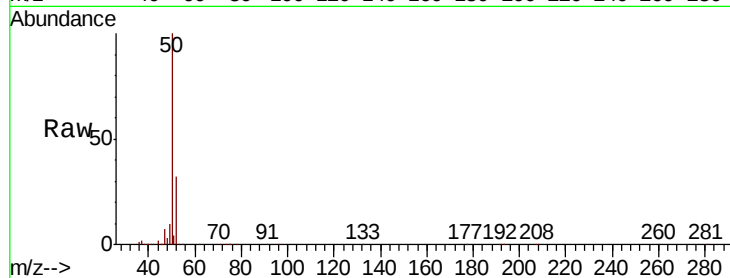
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 319464

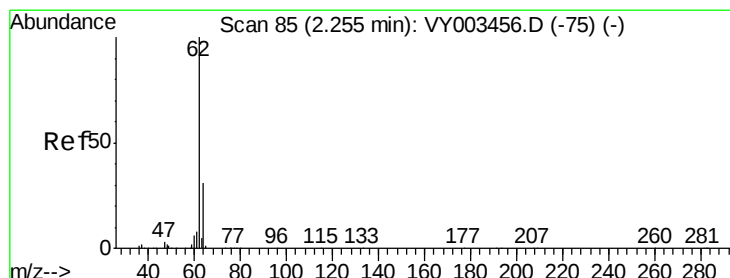
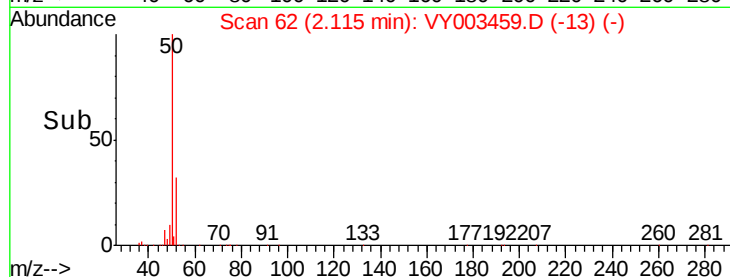
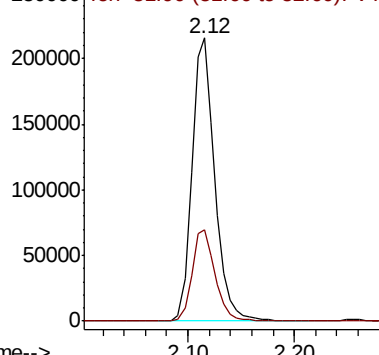
Ion Ratio Lower Upper

50 100

52 32.2 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: 54.067 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003459.D

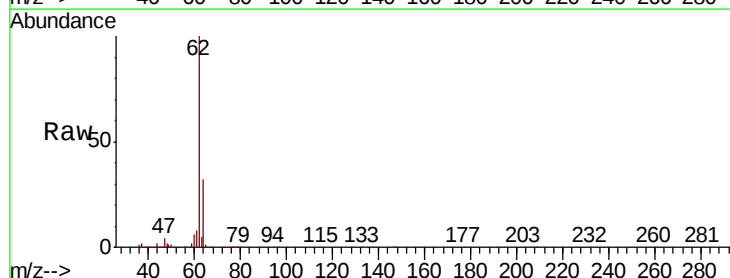
Acq: 05 Oct 2020 17:41

Tgt Ion: 62 Resp: 356290

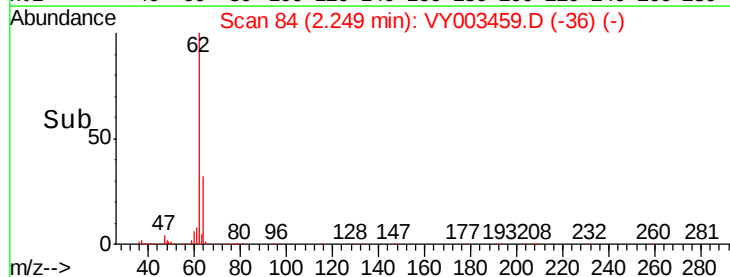
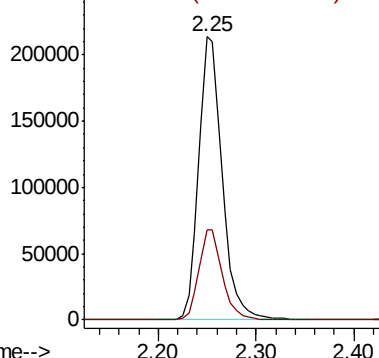
Ion Ratio Lower Upper

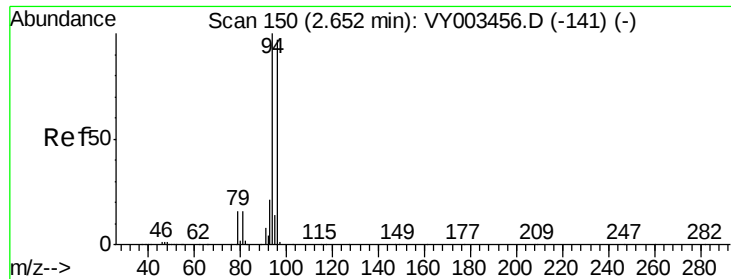
62 100

64 32.0 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: 48.085 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

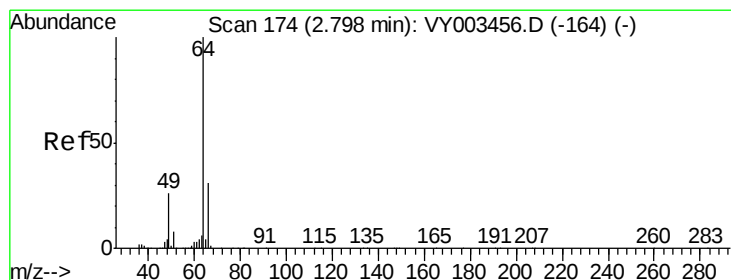
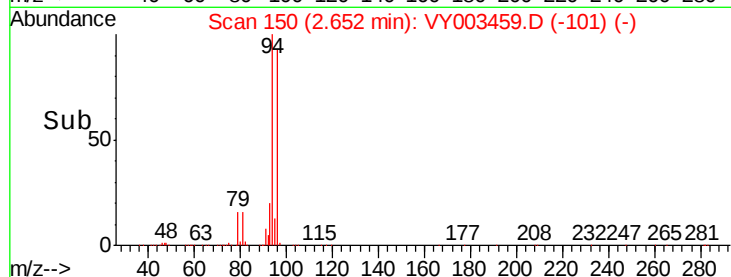
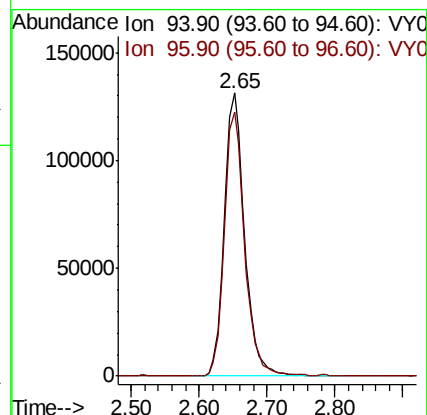
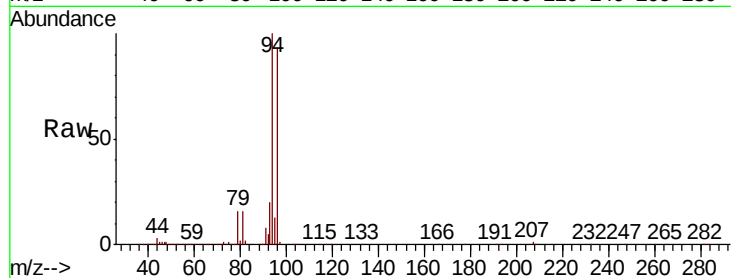
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 271981

Ion Ratio Lower Upper

94 100

96 93.0 77.4 116.2



#6

Chloroethane

Concen: 50.462 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003459.D

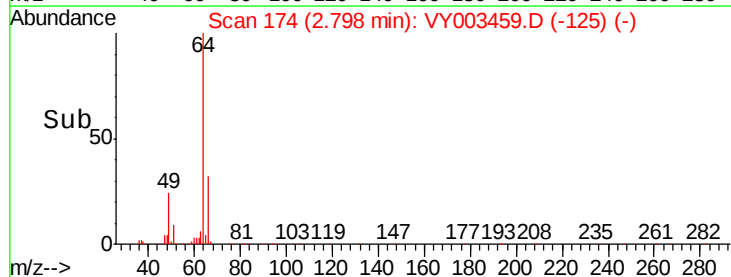
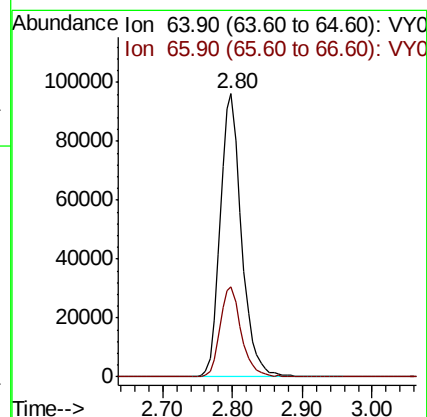
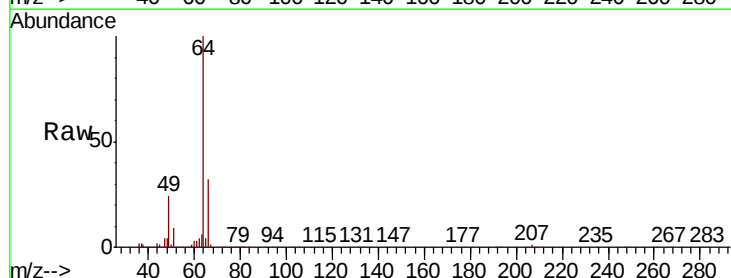
Acq: 05 Oct 2020 17:41

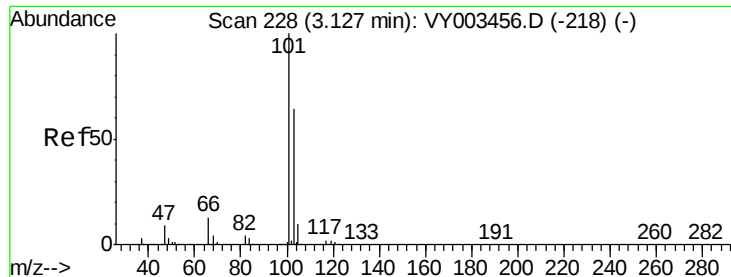
Tgt Ion: 64 Resp: 203338

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4



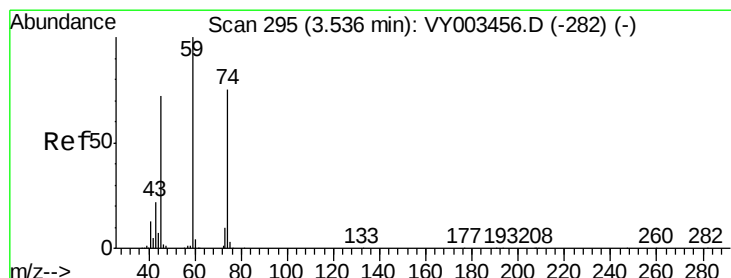
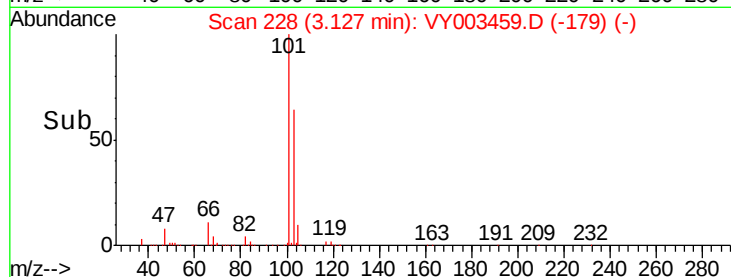
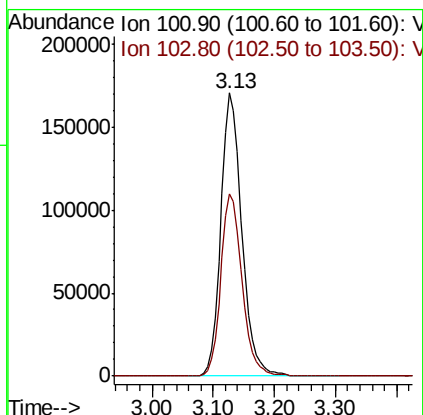
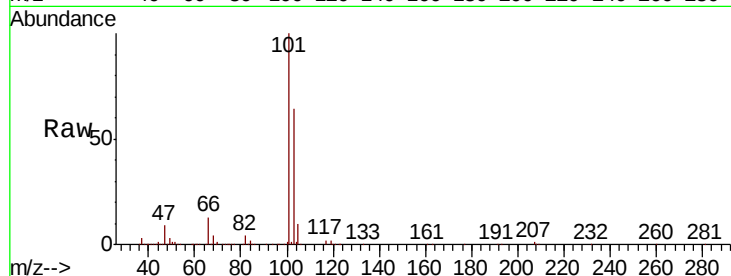


#7

Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :

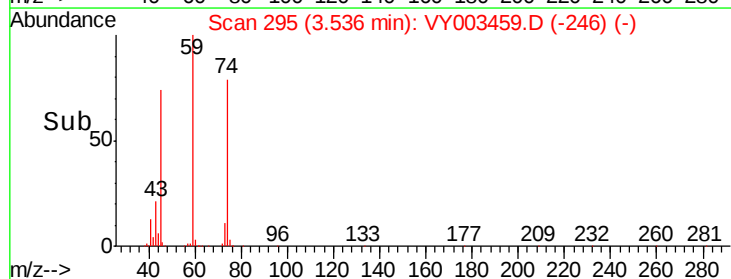
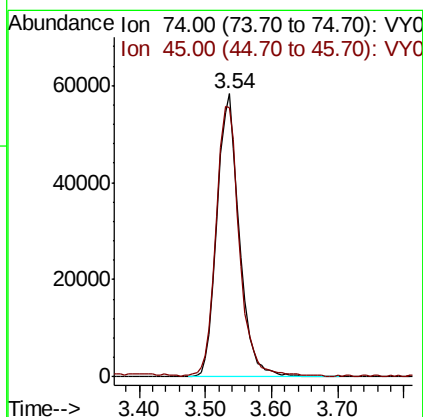
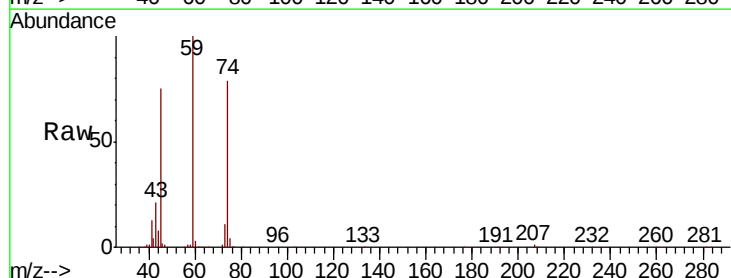
Tot Ion:101 Resp: 406231
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

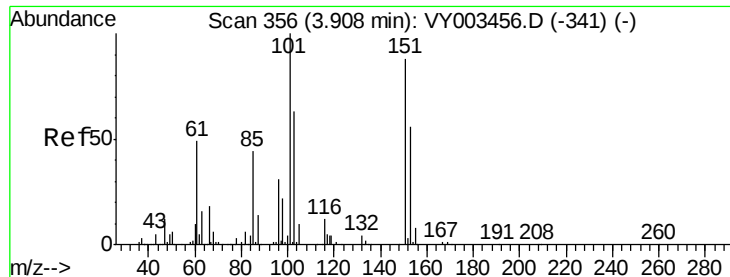


#8

Diethyl Ether
Concen: 50.376 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 74 Resp: 135476
Ion Ratio Lower Upper
74 100
45 99.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.371 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

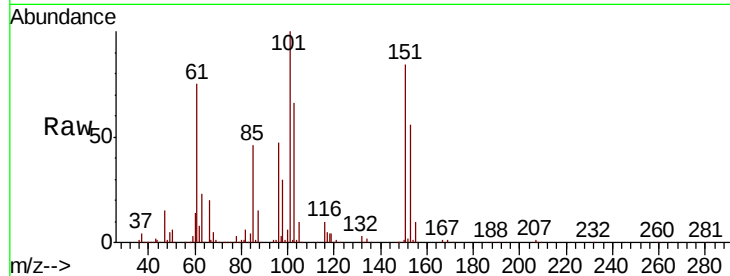
Tot Ion:101 Resp: 227057

Ion Ratio Lower Upper

101 100

85 45.0 35.5 53.3

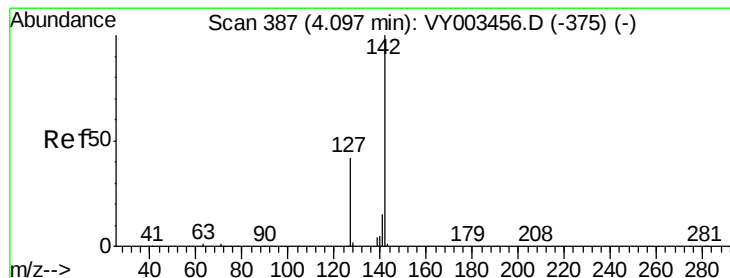
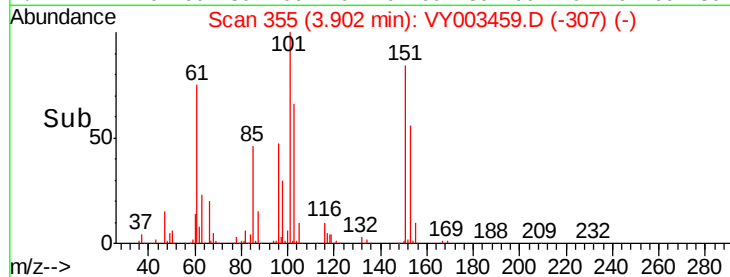
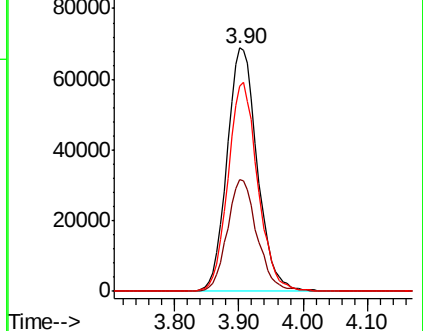
151 84.3 67.9 101.9



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: 61.761 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

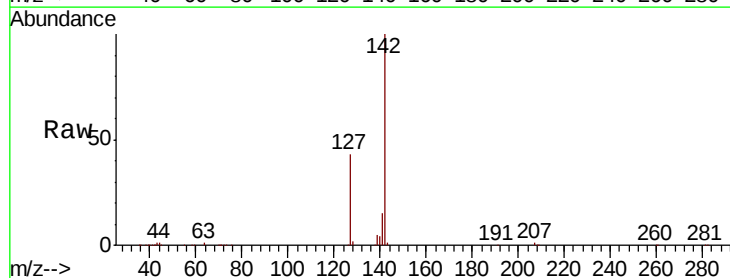
Tgt Ion:142 Resp: 199574

Ion Ratio Lower Upper

142 100

127 43.3 34.9 52.3

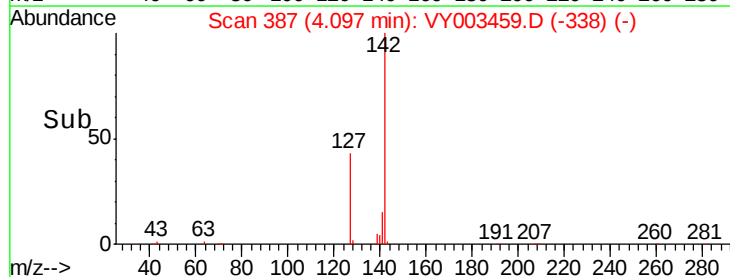
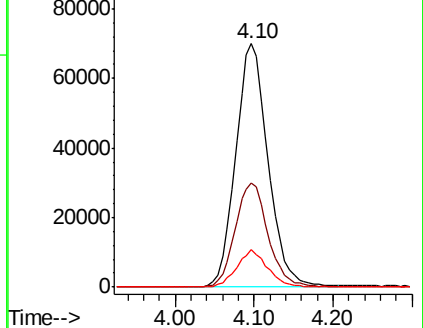
141 14.7 11.9 17.9

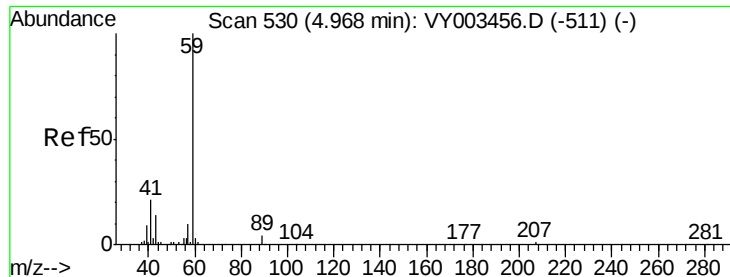


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

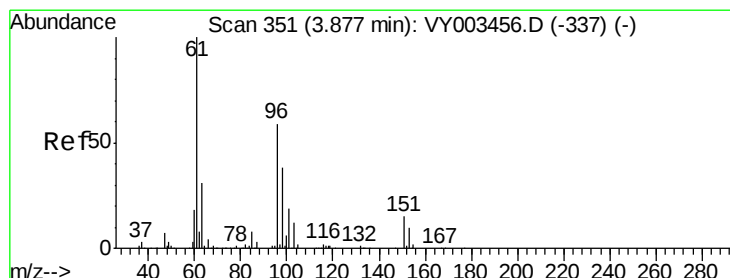
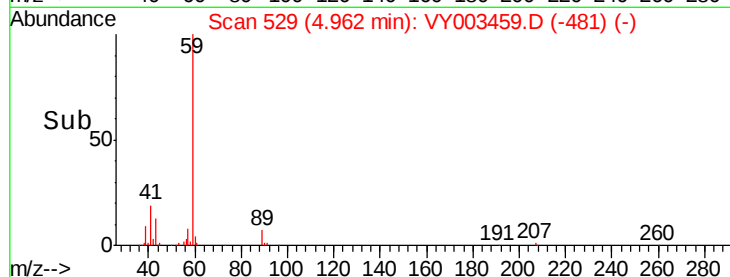
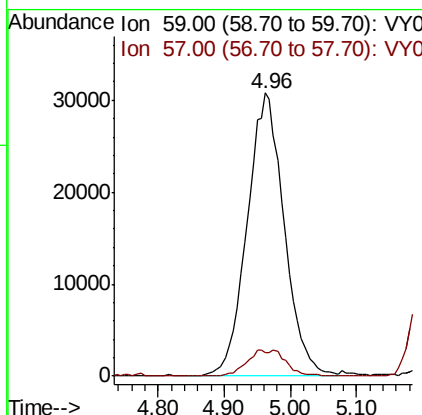
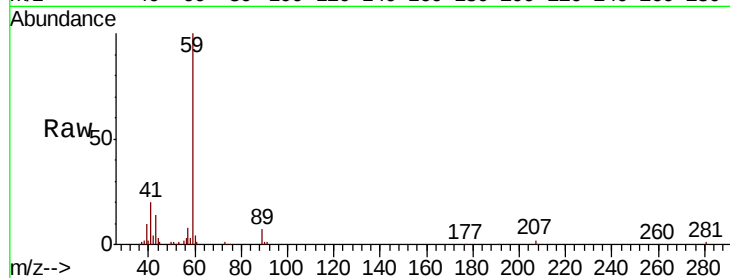




#11
Tert butyl alcohol
Concen: 221.418 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

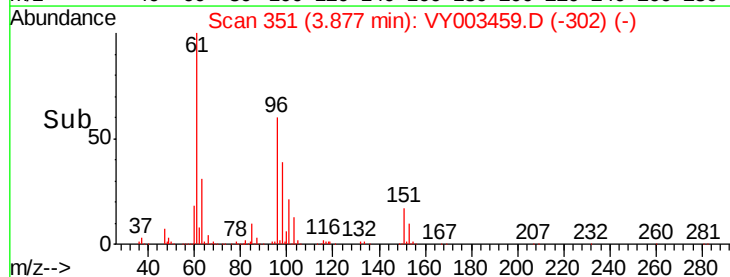
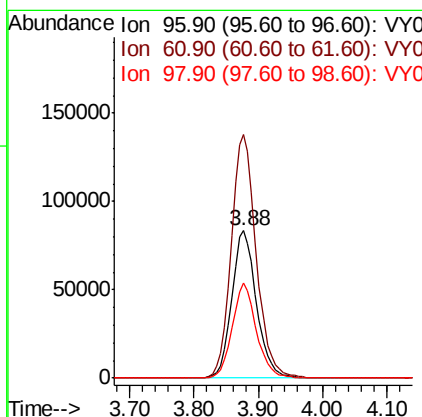
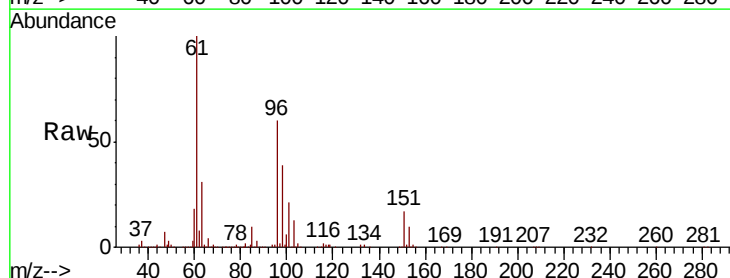
Instrument :
MSVOA_Y
ClientSampleId :

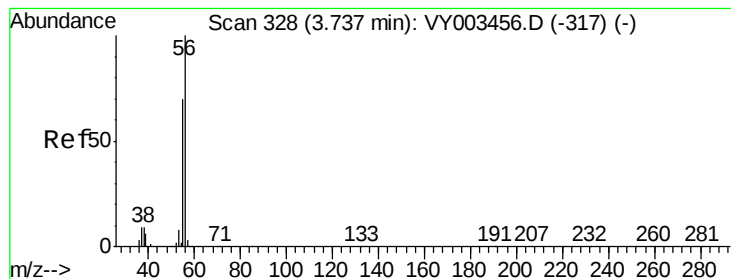
Tot Ion: 59 Resp: 119910
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.175 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 96 Resp: 223041
Ion Ratio Lower Upper
96 100
61 165.5 134.6 202.0
98 65.0 51.1 76.7





#13

Acrolein

Concen: 228.115 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

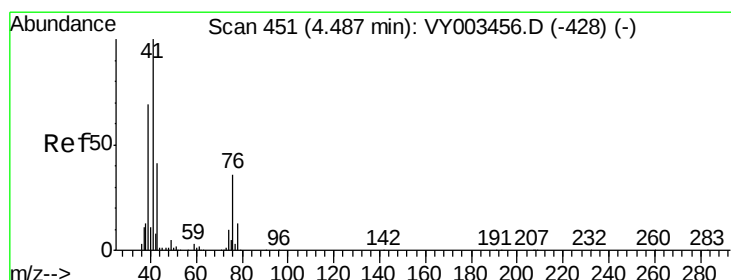
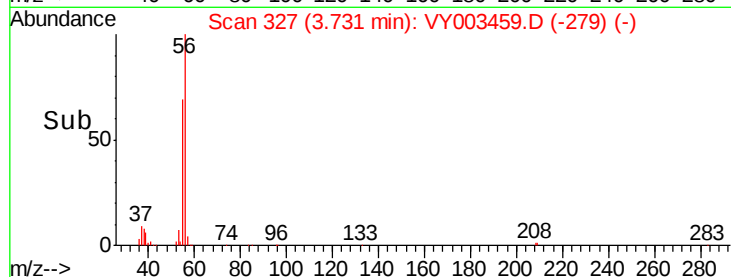
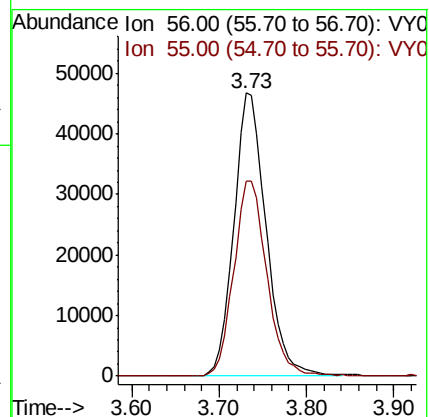
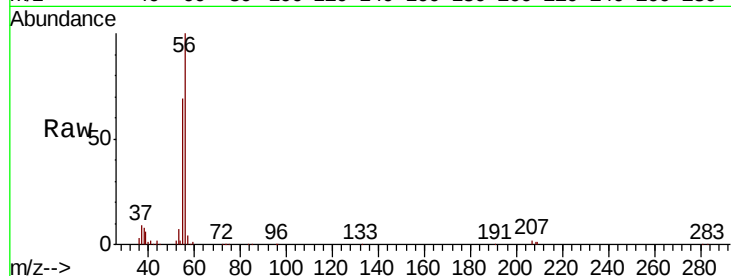
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 119772

Ion Ratio Lower Upper

56 100

55 70.6 57.9 86.9



#14

Allyl chloride

Concen: 49.465 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

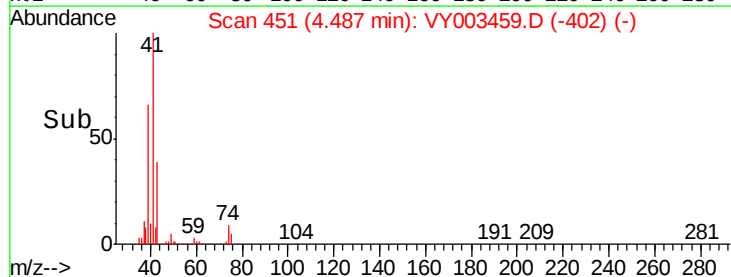
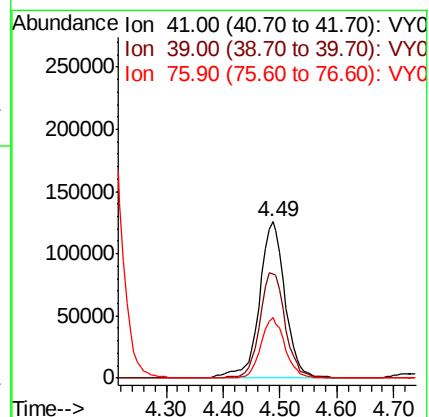
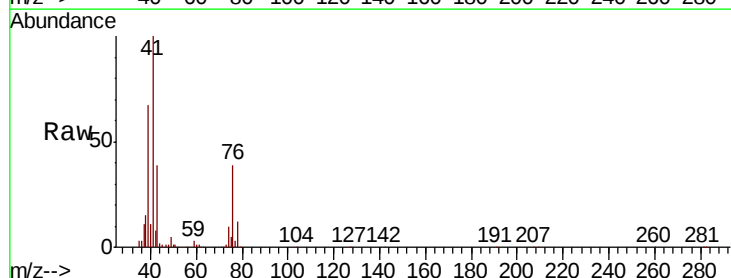
Tgt Ion: 41 Resp: 393289

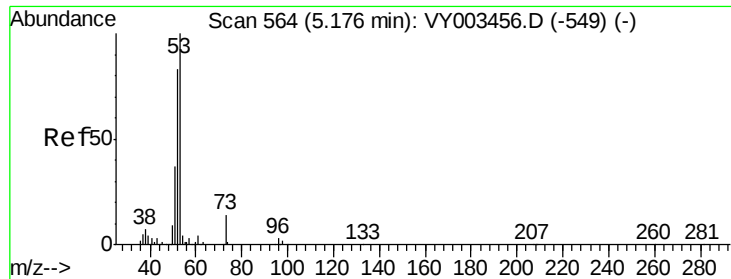
Ion Ratio Lower Upper

41 100

39 67.2 54.6 82.0

76 36.2 27.5 41.3

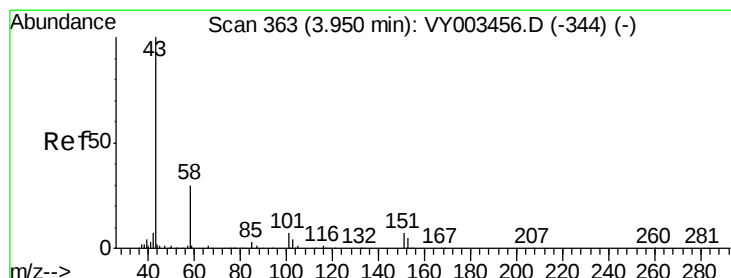
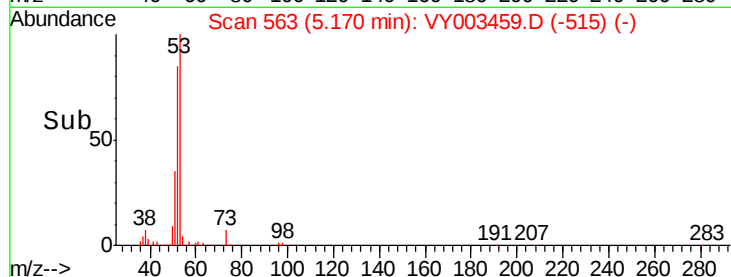
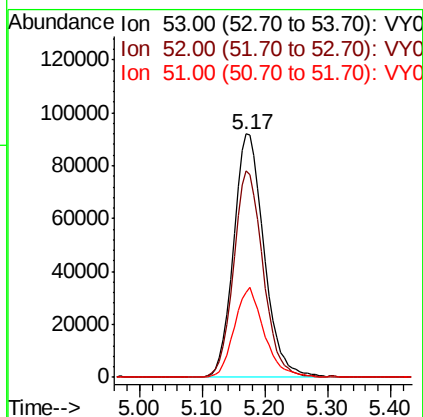
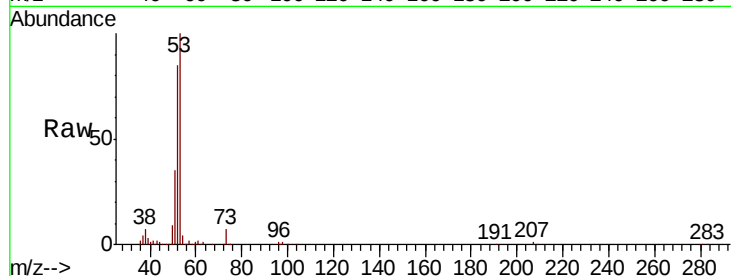




#15
 Acrylonitrile
 Concen: 241.075 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

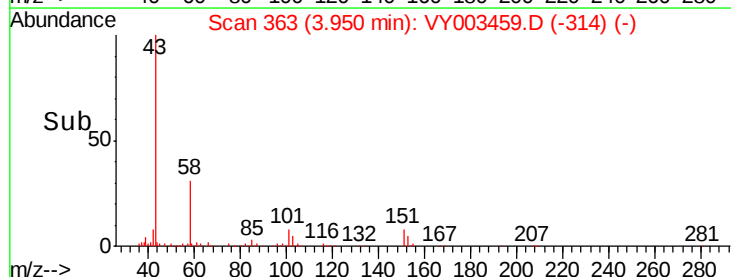
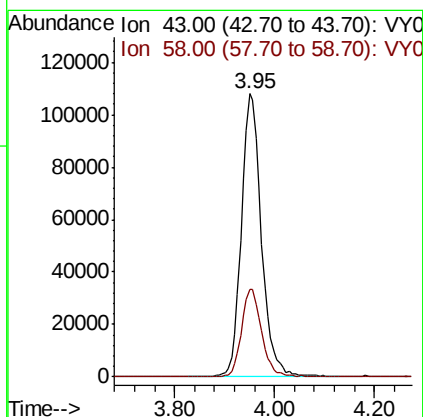
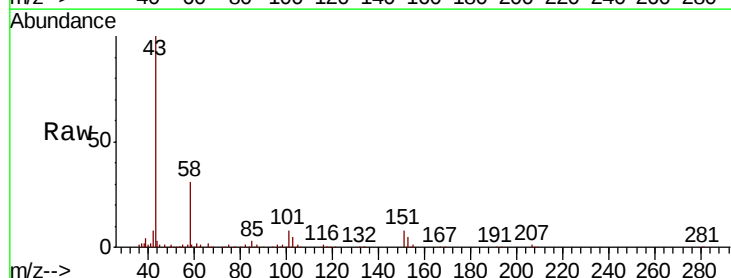
Instrument :
 MSVOA_Y
 ClientSampleId :

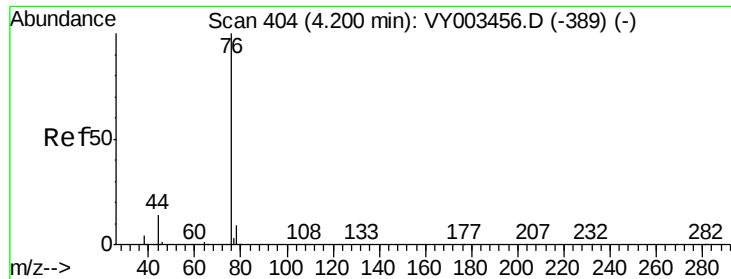
Tot Ion	53	Resp	309481
Ion Ratio	Lower	Upper	
53	100		
52	82.1	67.8	101.8
51	36.4	30.1	45.1



#16
 Acetone
 Concen: 219.959 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	43	Resp	301282
Ion Ratio	Lower	Upper	
43	100		
58	30.9	23.8	35.8

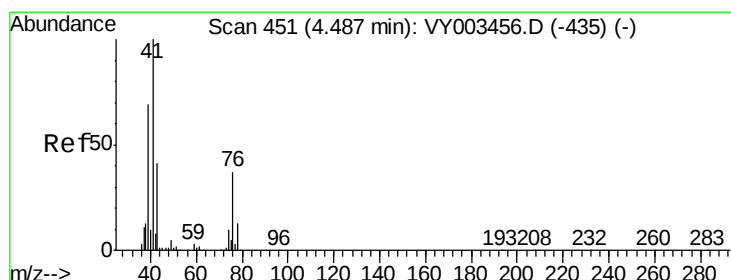
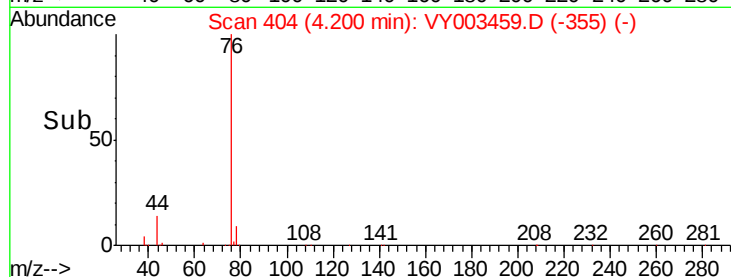
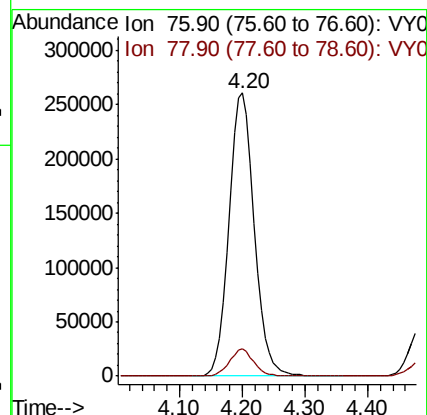
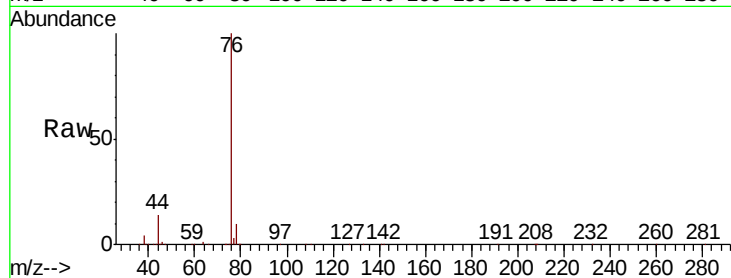




#17
Carbon Disulfide
Concen: 49.984 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

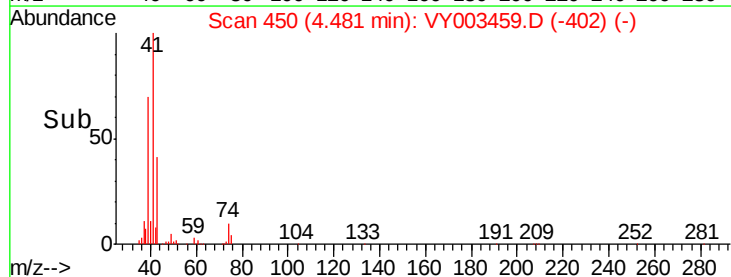
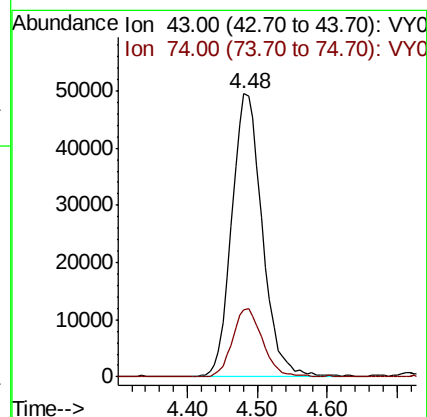
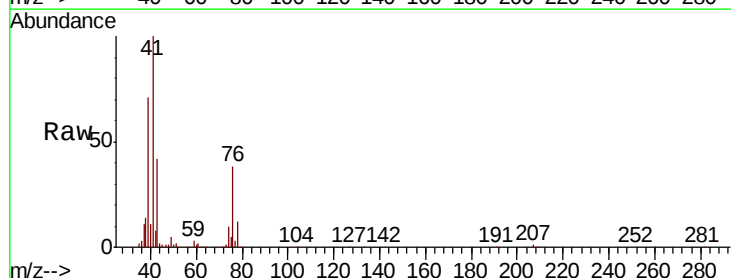
Instrument :
MSVOA_Y
ClientSampleId :

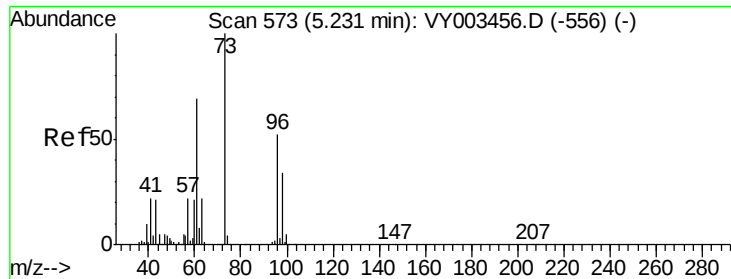
Tot Ion: 76 Resp: 726269
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 45.644 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 43 Resp: 150506
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0

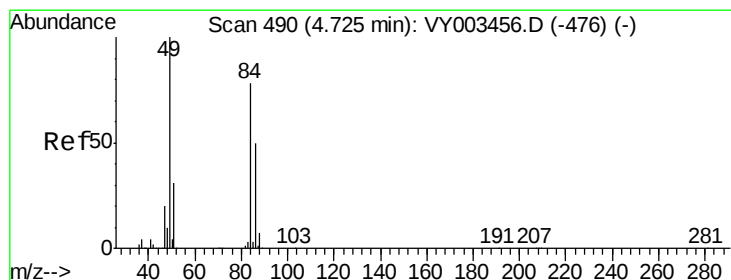
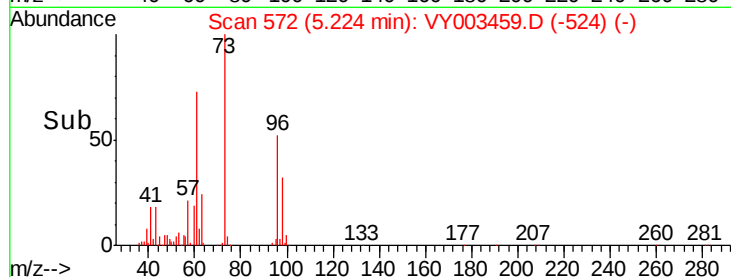
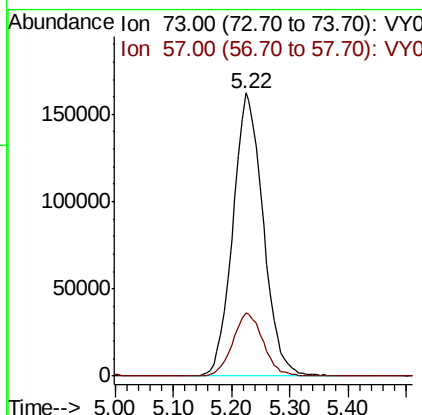
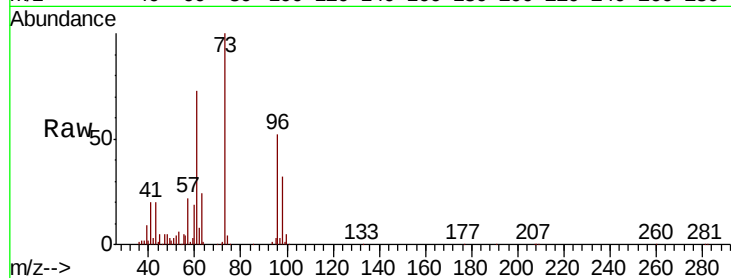




#19
Methvl tert-butvl Ether
Concen: 49.667 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

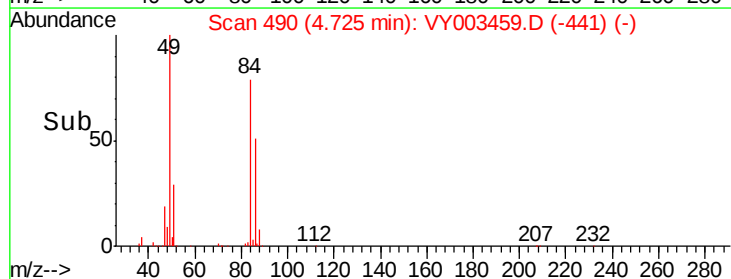
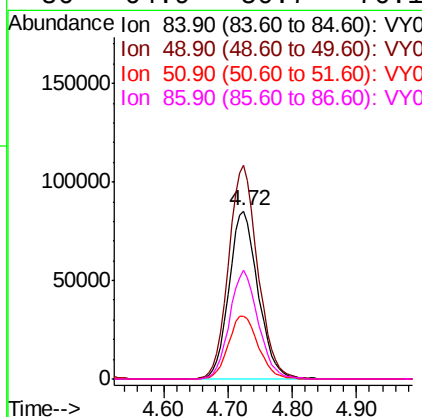
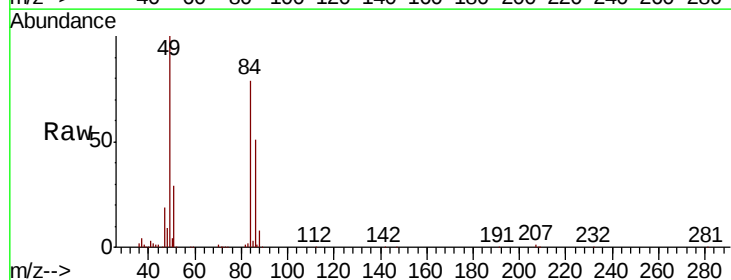
Instrument :
MSVOA_Y
ClientSampleId :

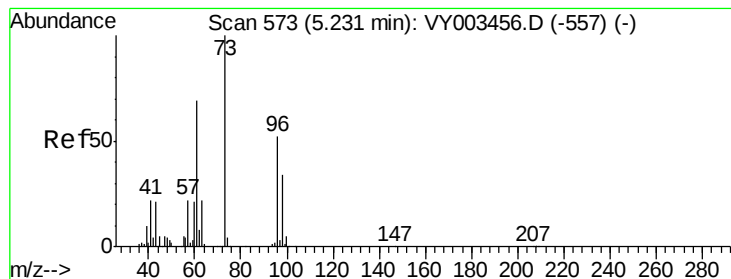
Tot Ion: 73 Resp: 584105
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 52.153 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 84 Resp: 268840
Ion Ratio Lower Upper
84 100
49 127.3 102.2 153.2
51 37.5 32.0 48.0
86 64.9 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.021 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

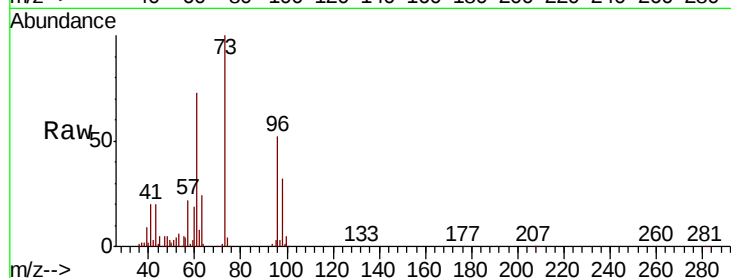
Tot Ion: 96 Resp: 260711

Ion Ratio Lower Upper

96 100

61 141.6 107.6 161.4

98 62.0 52.1 78.1

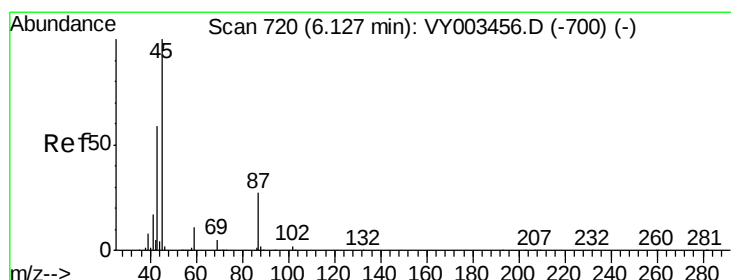
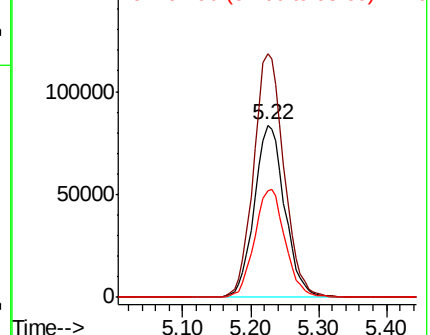
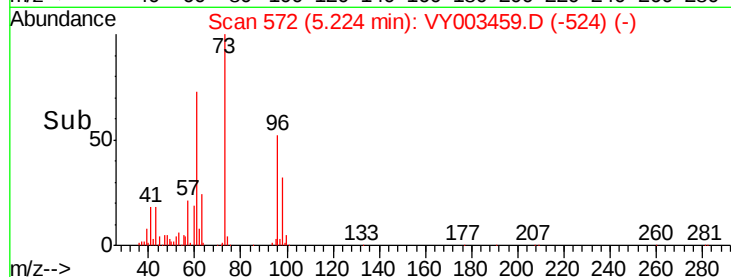


Abundance

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: 50.192 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion: 45 Resp: 748505

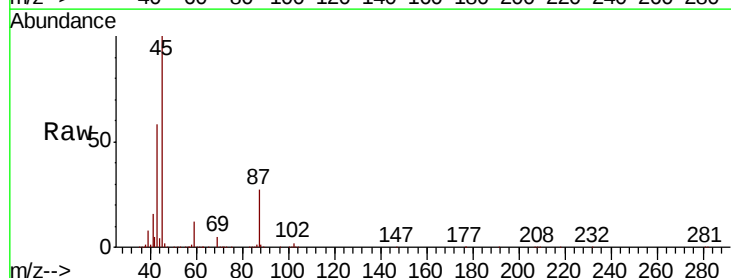
Ion Ratio Lower Upper

45 100

43 58.2 47.5 71.3

87 26.8 22.2 33.2

59 11.9 9.0 13.4



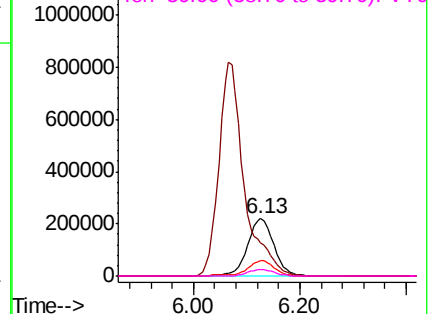
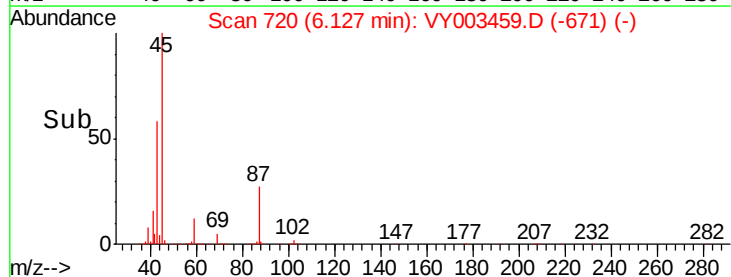
Abundance

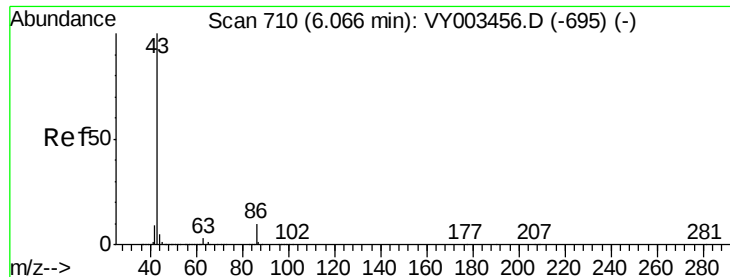
Ion 45.00 (44.70 to 45.70): VY0

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

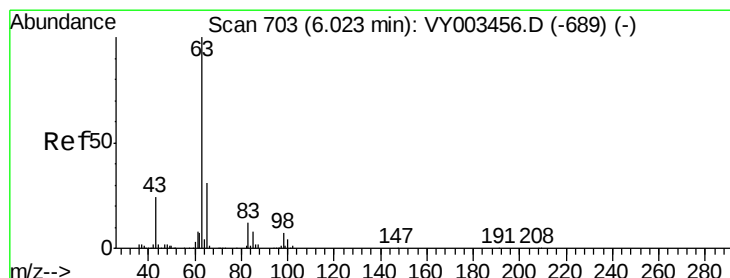
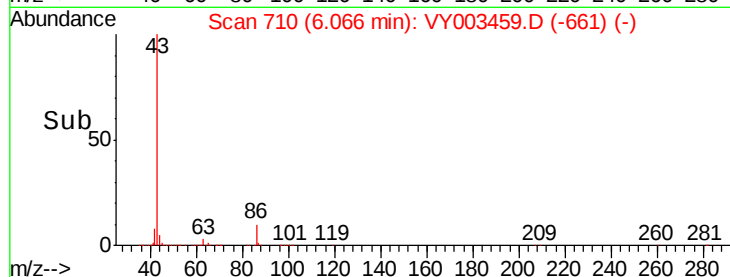
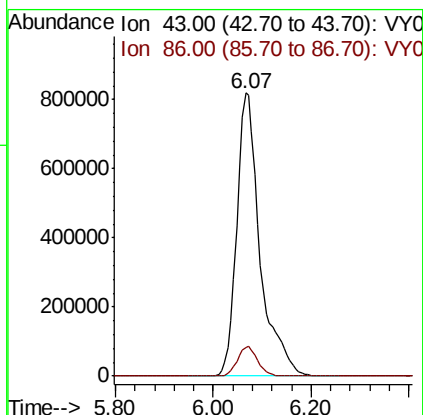
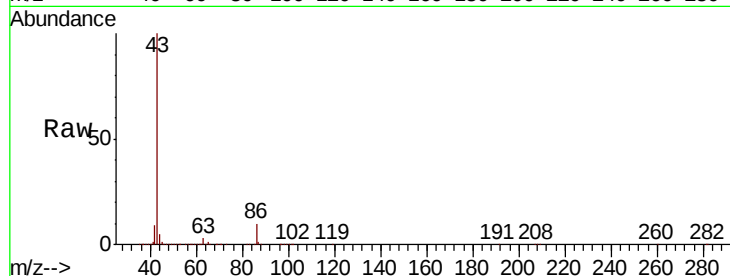




#23
 Vinyl Acetate
 Concen: 247.387 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

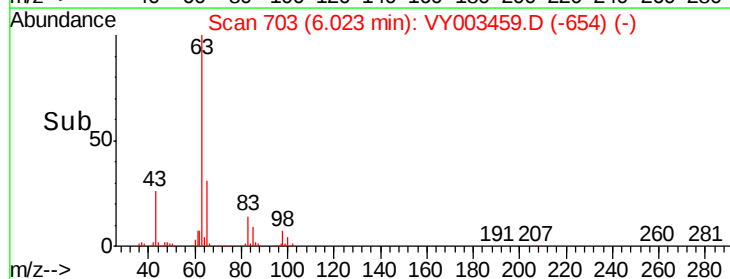
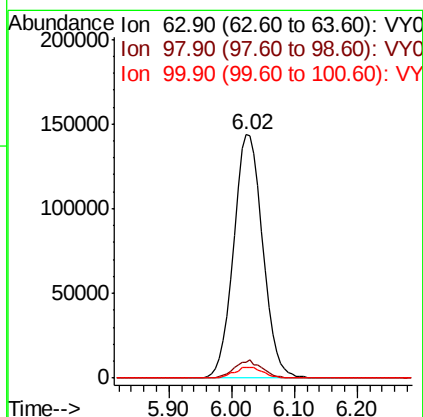
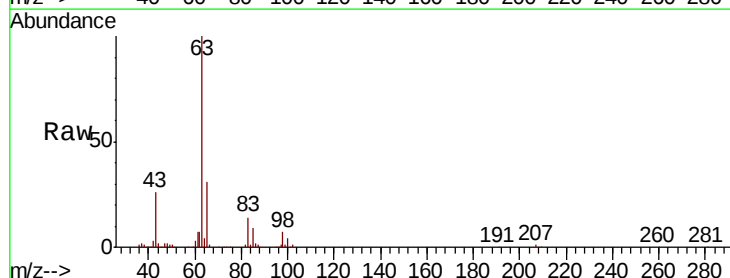
Instrument :
 MSVOA_Y
 ClientSampleId :

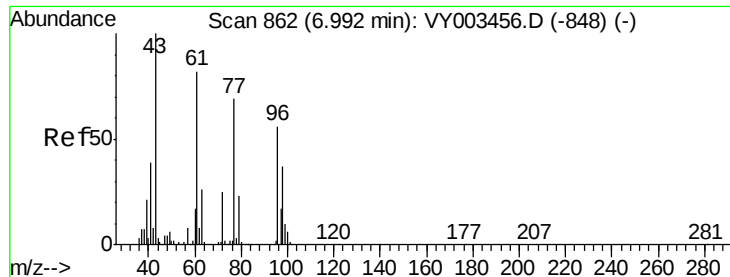
Tot Ion: 43 Resp: 2699758
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.029 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion: 63 Resp: 461144
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.5 2.2 6.6

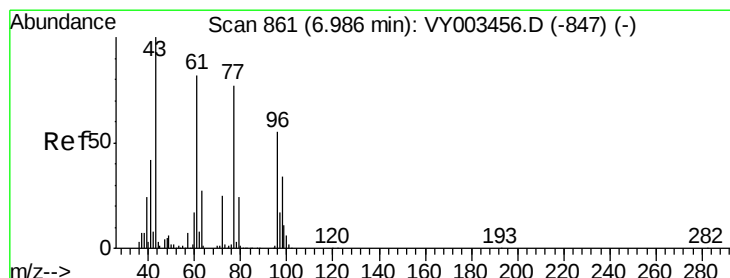
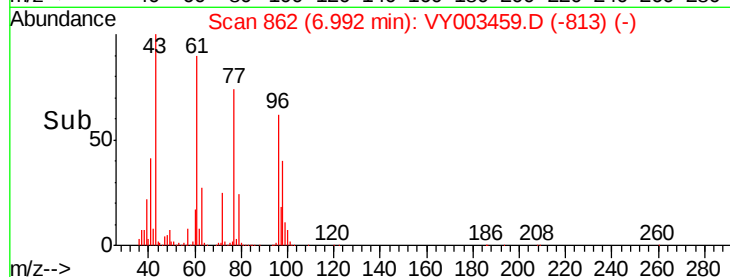
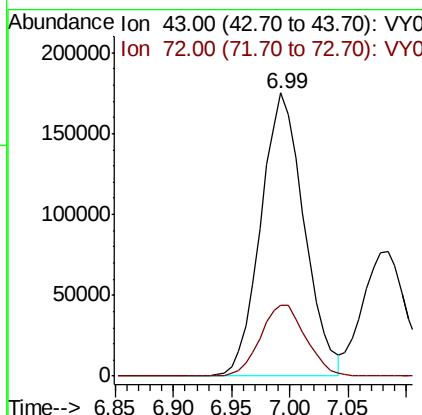
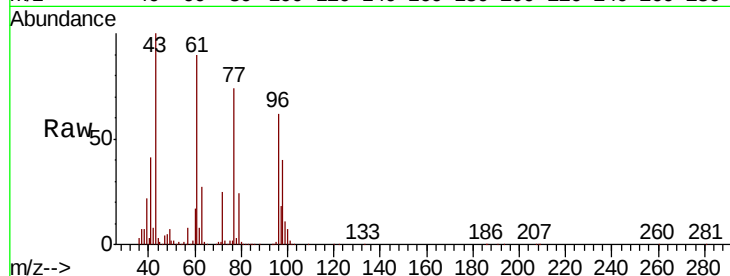




#25
2-Butanone
Concen: 229.390 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

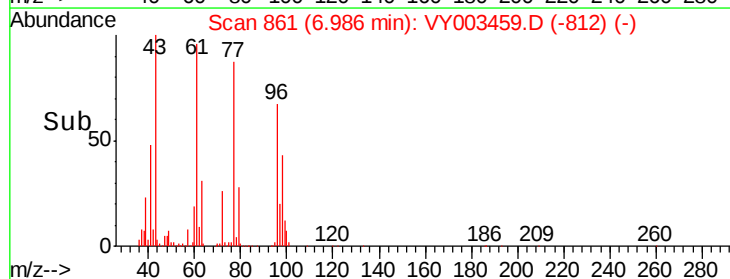
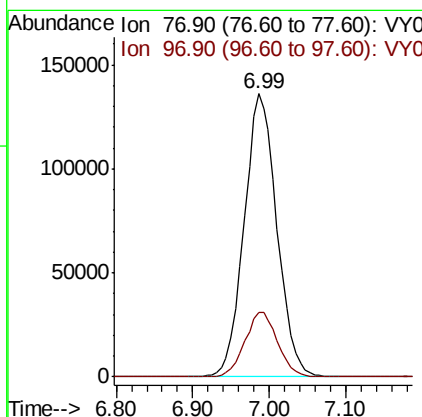
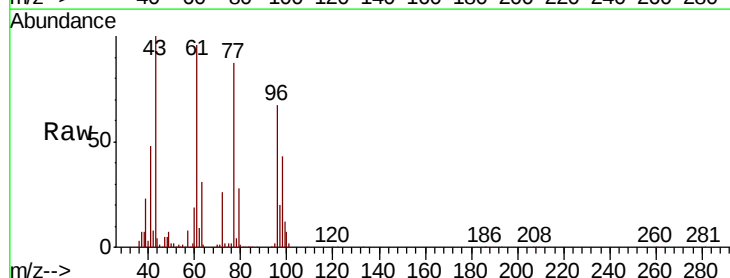
Instrument :
MSVOA_Y
ClientSampled :

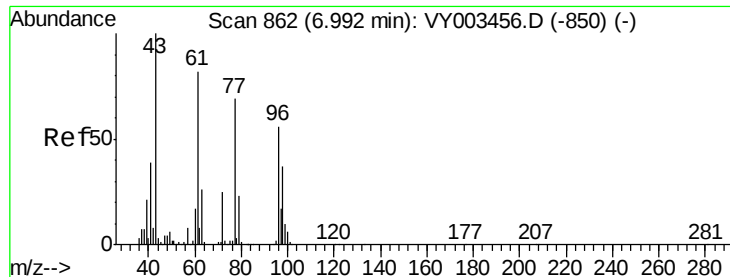
Tot Ion: 43 Resp: 452342
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0



#26
2,2-Dichloropropane
Concen: 48.894 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 77 Resp: 404695
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2



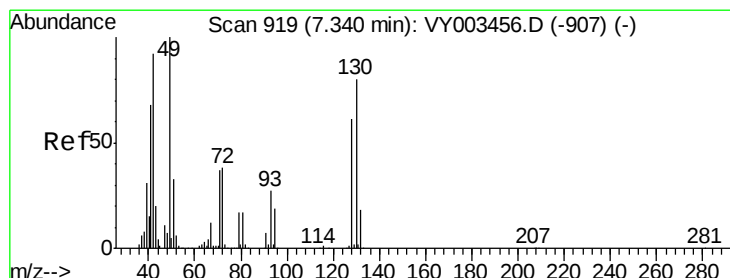
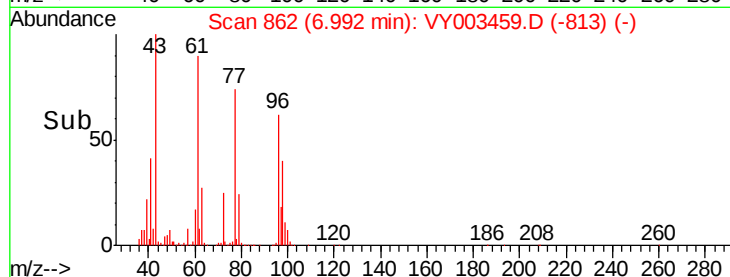
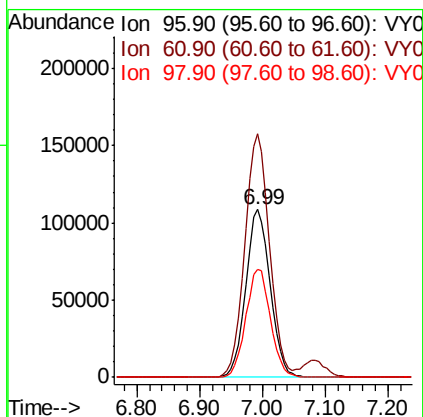
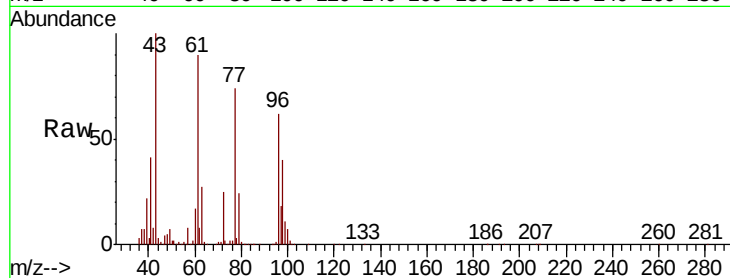


#27

cis-1,2-Dichloroethene
 Concen: 50.335 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :

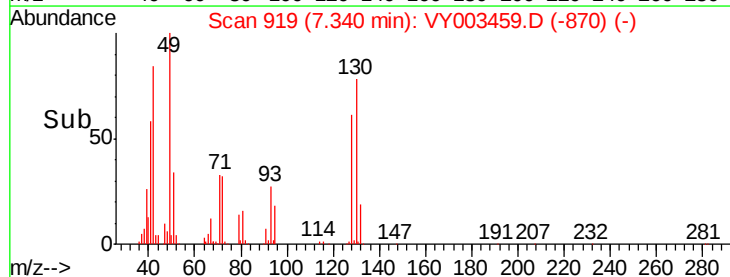
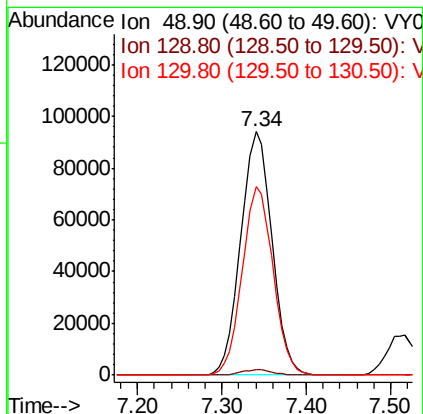
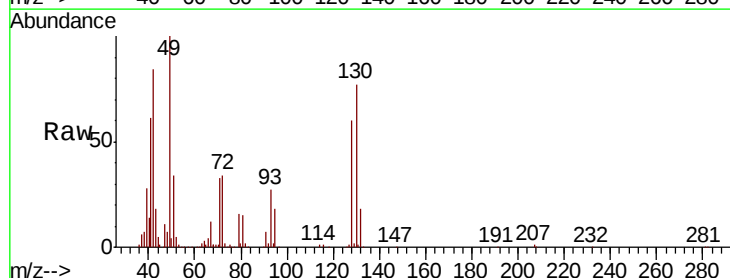
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	295.2
98	64.8	0.0	129.0

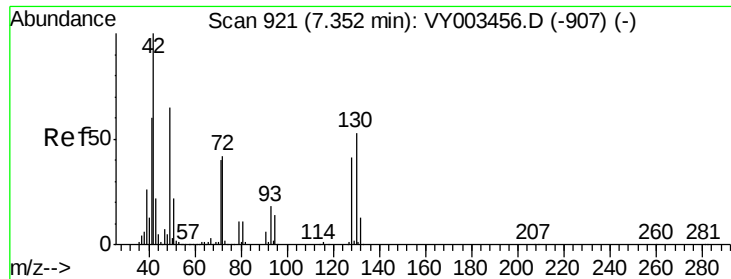


#28

Bromochloromethane
 Concen: 52.457 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.3	62.4	93.6

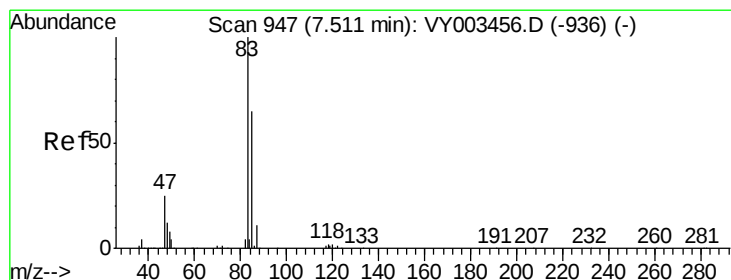
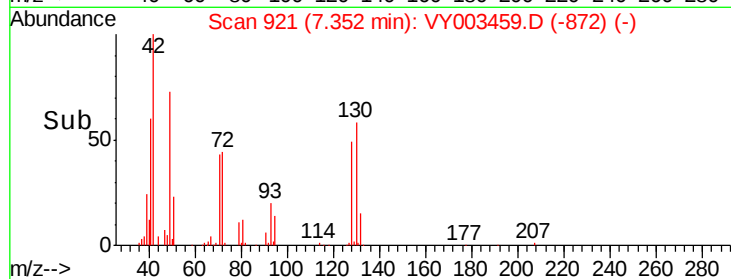
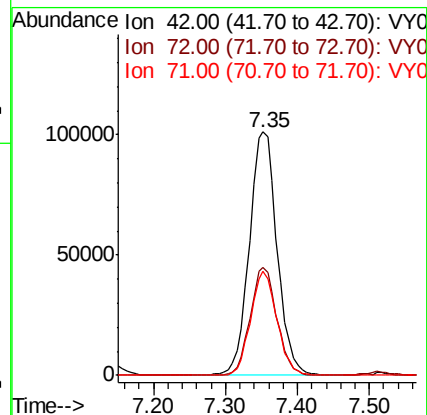
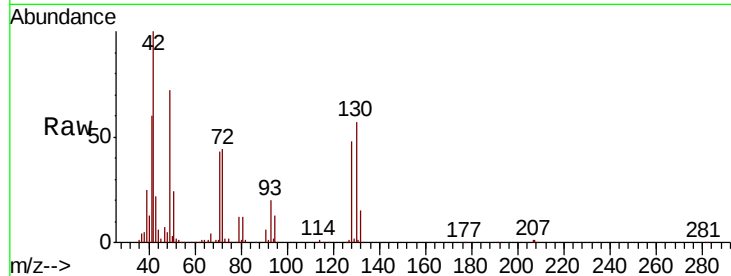




#29
Tetrahydrofuran
Concen: 232.717 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

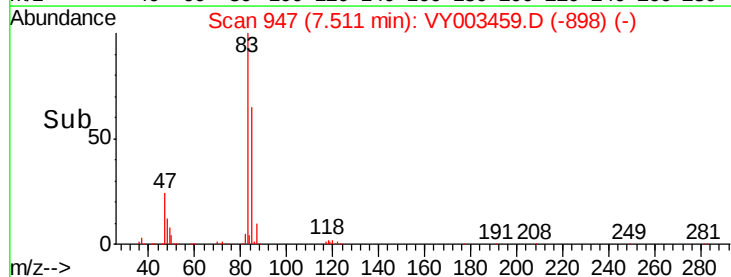
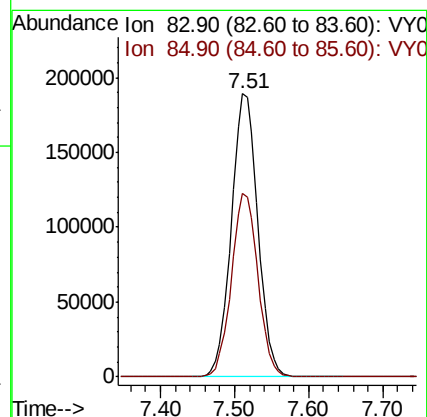
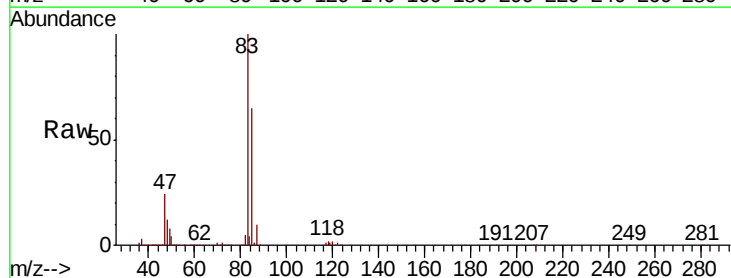
Instrument :
MSVOA_Y
ClientSampleId :

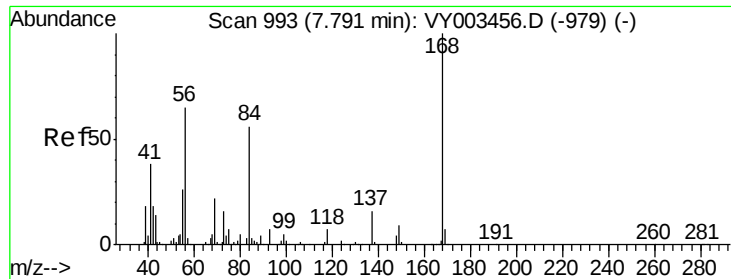
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.3	49.9
71	40.5	31.7	47.5



#30
Chloroform
Concen: 50.222 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4

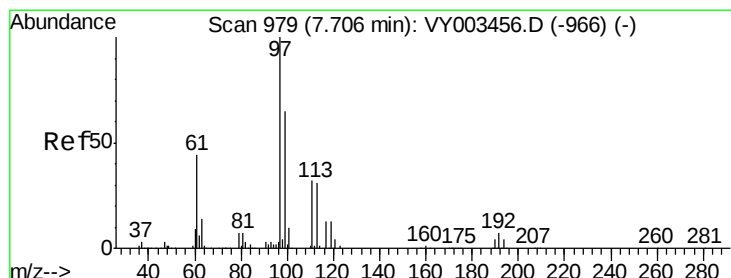
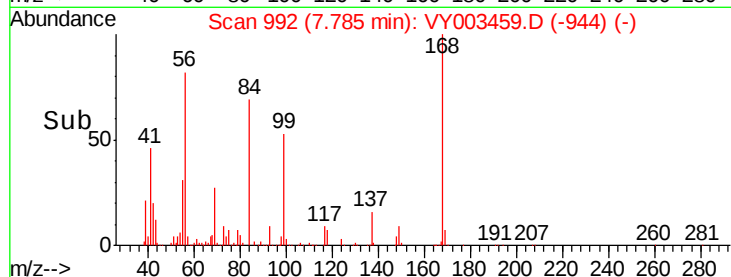
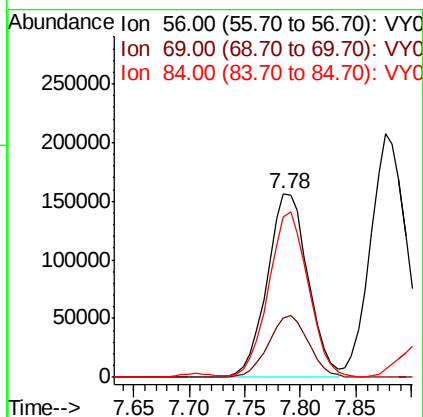
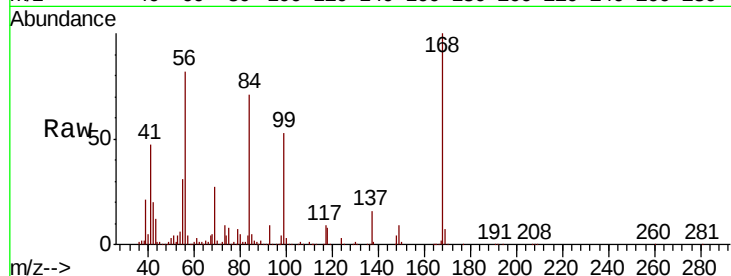




#31
Cyclohexane
Concen: 48.635 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

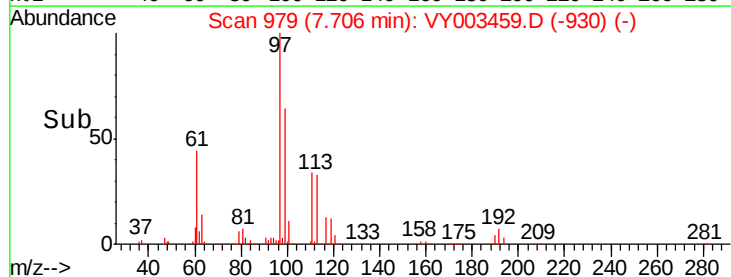
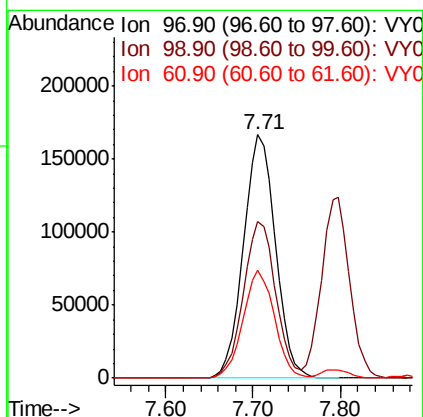
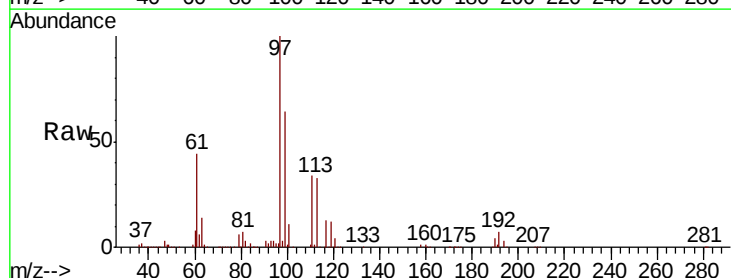
Instrument :
MSVOA_Y
ClientSampleId :

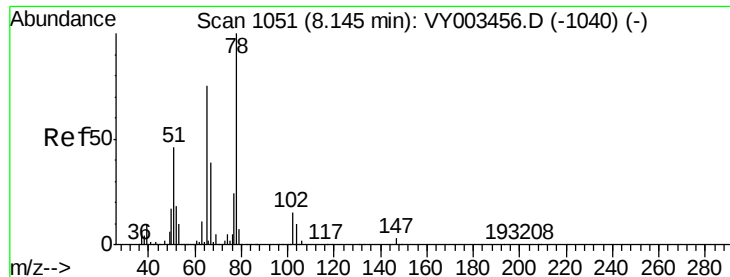
Tot Ion	56	Resp	398609
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.8	40.2
84	85.6	69.1	103.7



#32
1,1,1-Trichloroethane
Concen: 49.436 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	97	Resp	423778
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.5	77.3
61	43.4	34.4	51.6

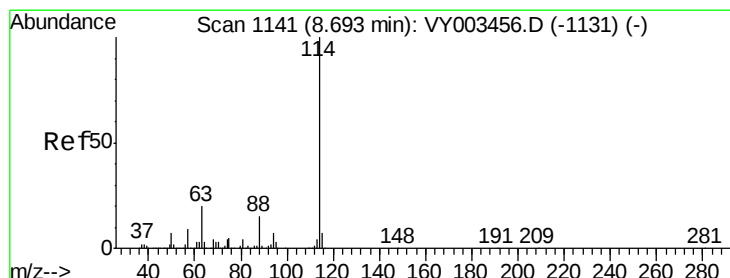
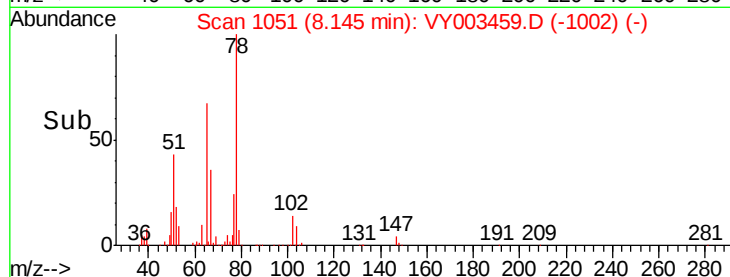
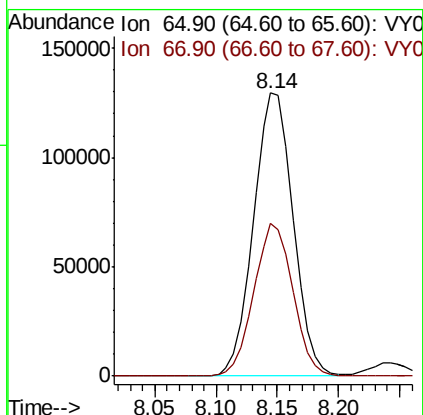
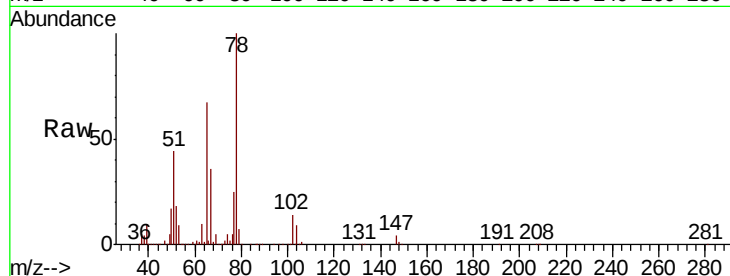




#33
 1,2-Dichloroethane-d4
 Concen: 51.311 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

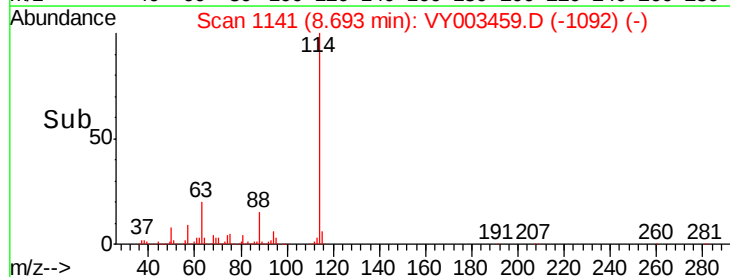
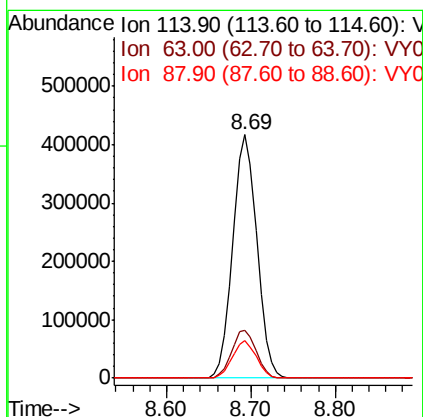
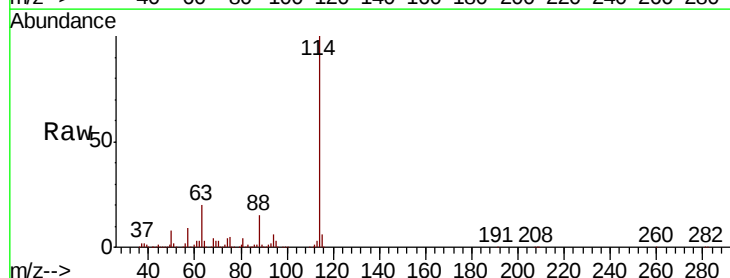
Instrument :
 MSVOA_Y
 ClientSampled :

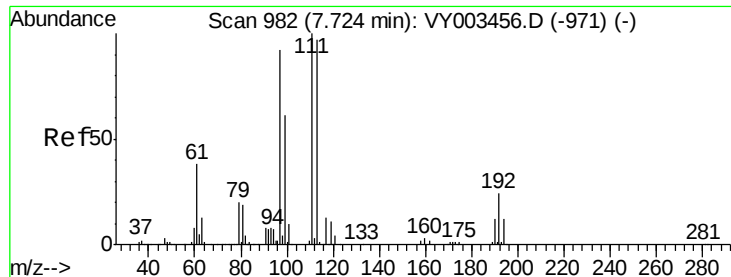
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.2
88	15.3	0.0	30.0

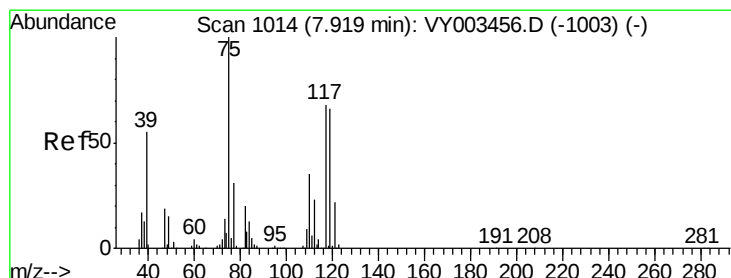
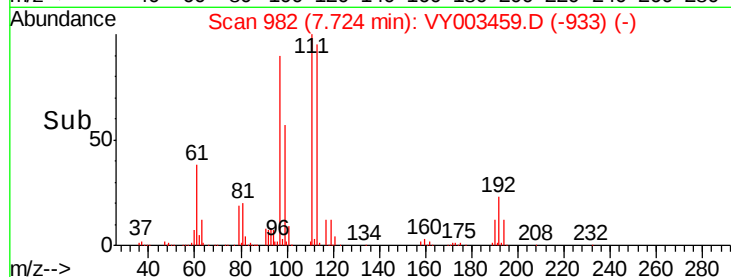
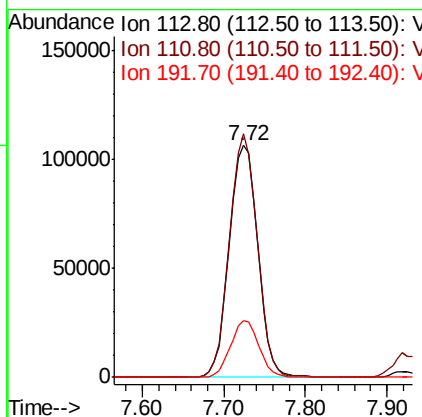
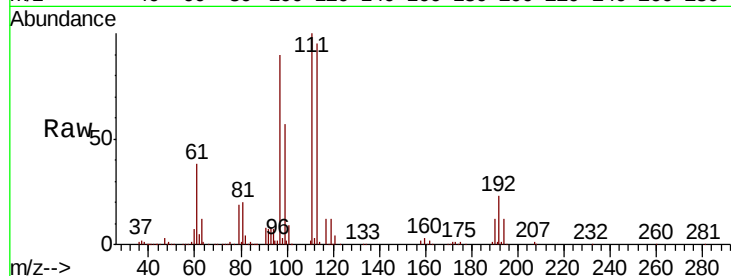




#35
 Dibromofluoromethane
 Concen: 53.123 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

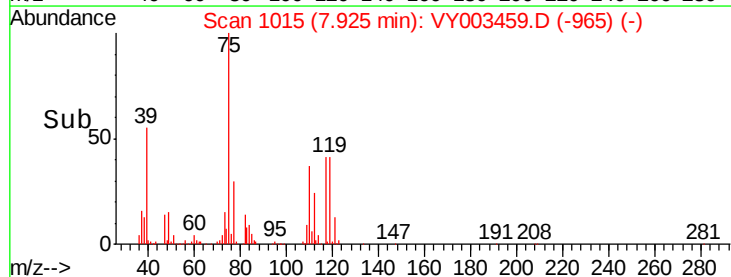
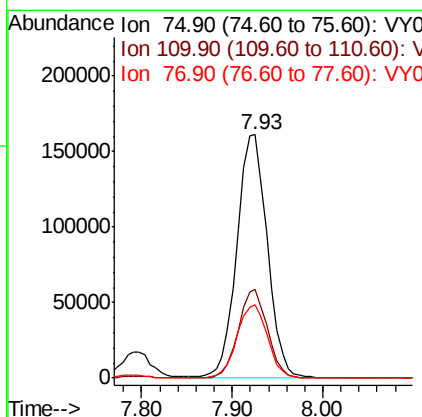
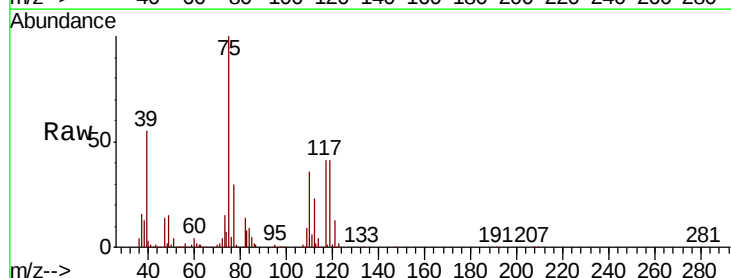
Instrument :
 MSVOA_Y
 ClientSampled :

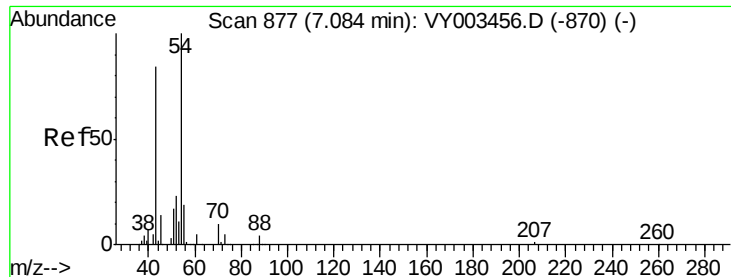
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	24.1	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 49.305 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.8	53.3
77	30.6	24.8	37.2

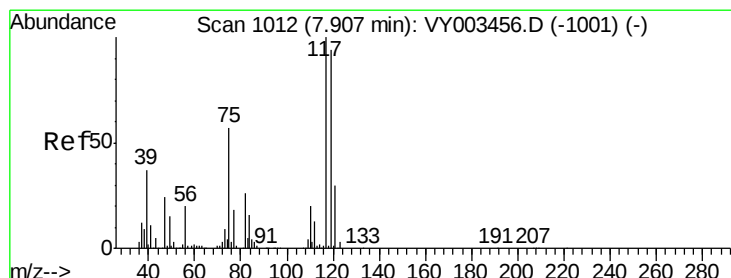
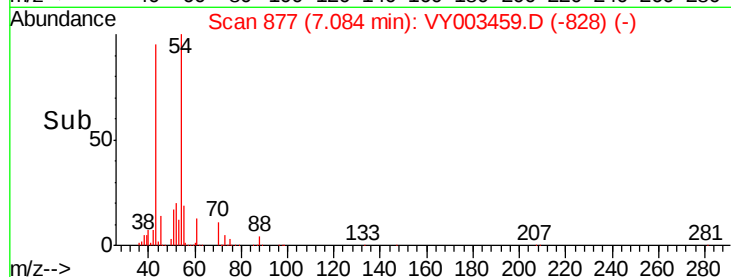
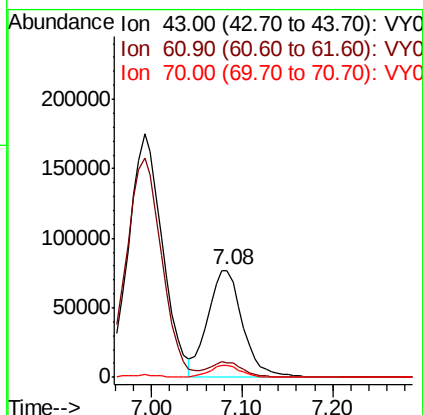
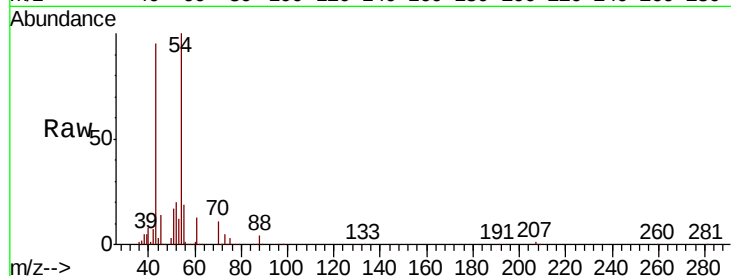




#37
Ethyl Acetate
Concen: 46.260 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

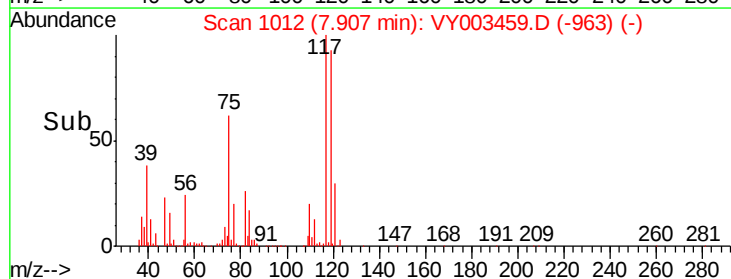
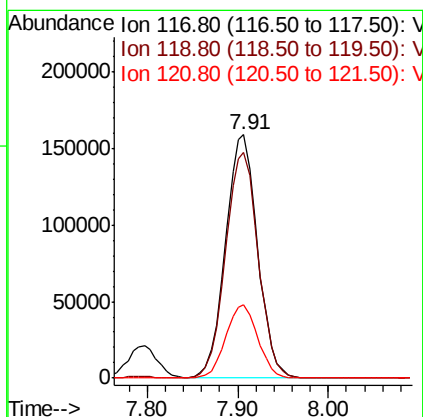
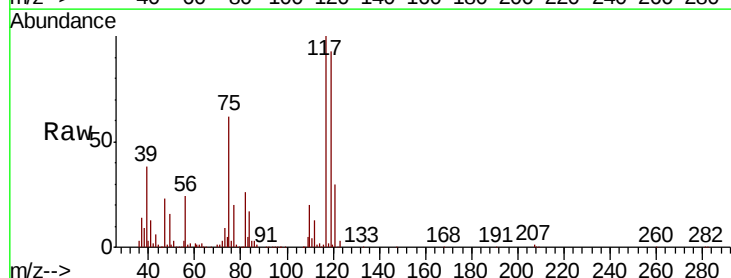
Instrument :
MSVOA_Y
ClientSampled :

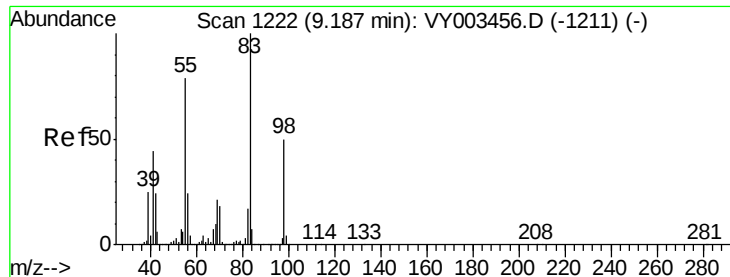
Tot Ion: 43 Resp: 206454
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.073 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 117 Resp: 388638
Ion Ratio Lower Upper
117 100
119 92.6 74.7 112.1
121 30.0 24.3 36.5

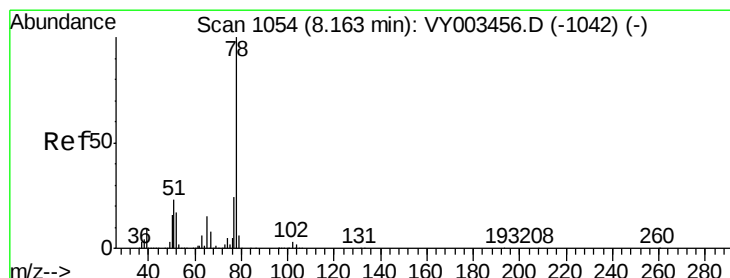
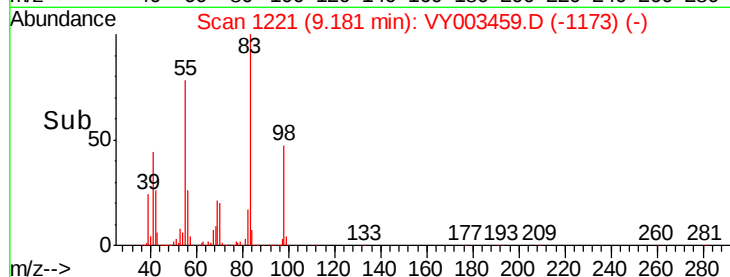
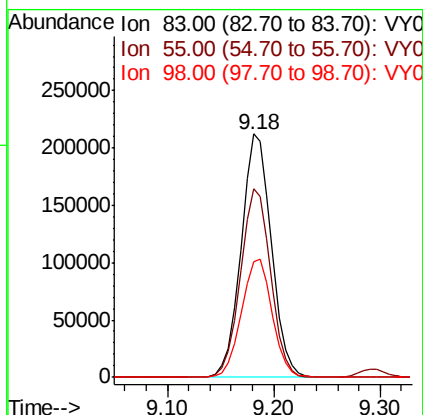
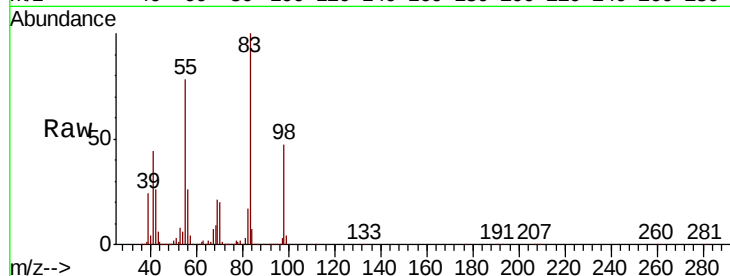




#39
Methylvlcvclohexane
Concen: 50.846 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

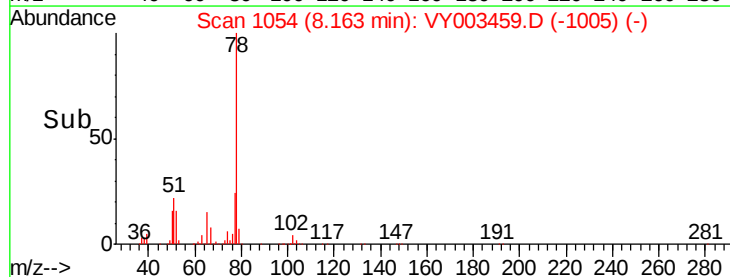
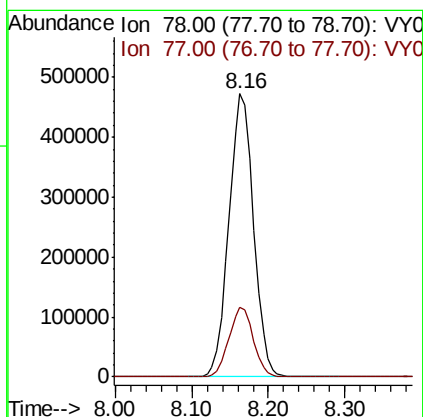
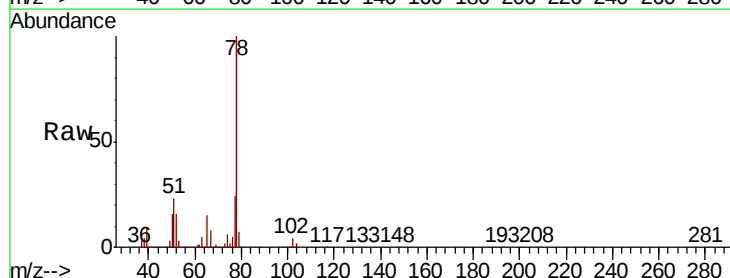
Instrument :
MSVOA_Y
ClientSampleId :

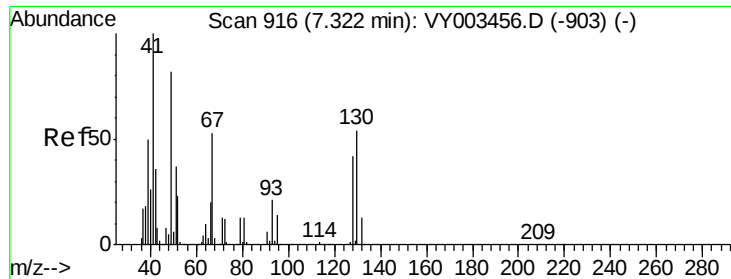
Tot Ion: 83 Resp: 423131
Ion Ratio Lower Upper
83 100
55 77.7 63.0 94.6
98 47.4 39.7 59.5



#40
Benzene
Concen: 48.918 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 78 Resp: 1048347
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

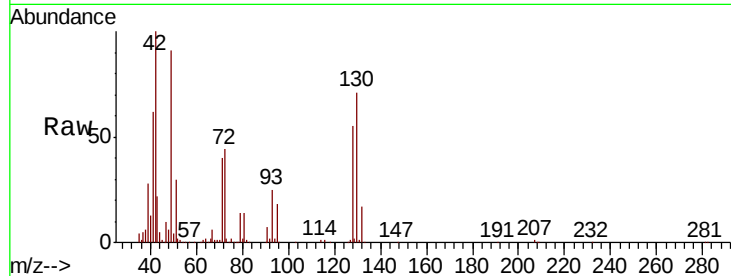




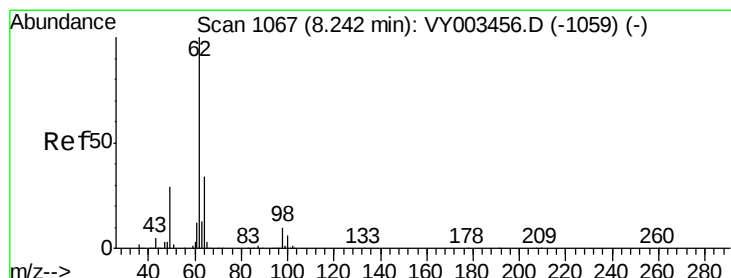
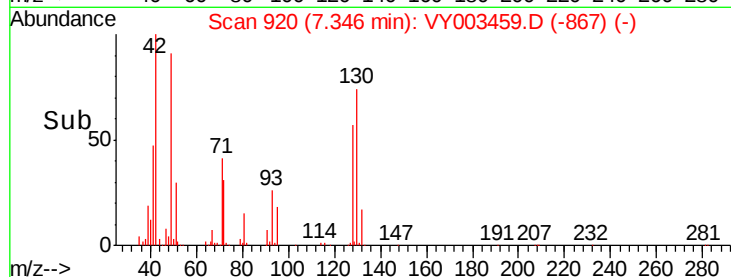
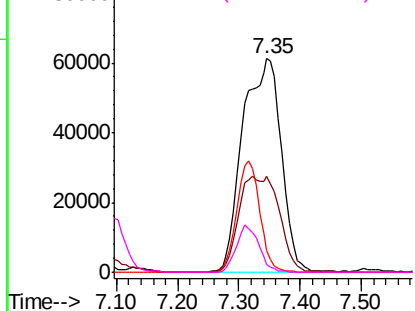
#41
Methacrylonitrile
Concen: 117.020 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	266262
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

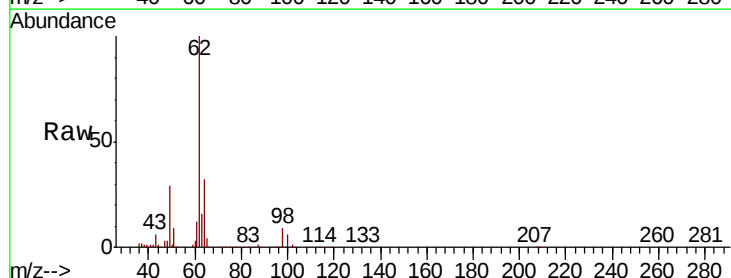


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

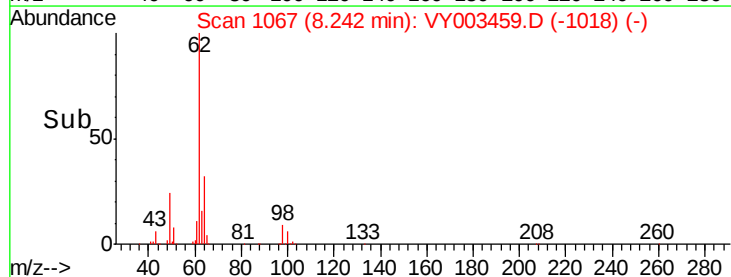
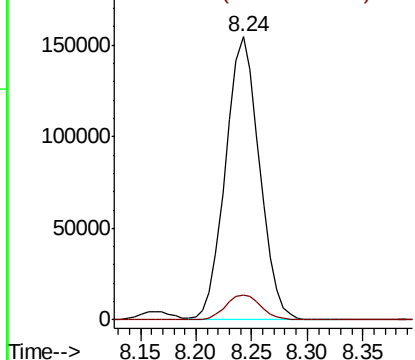


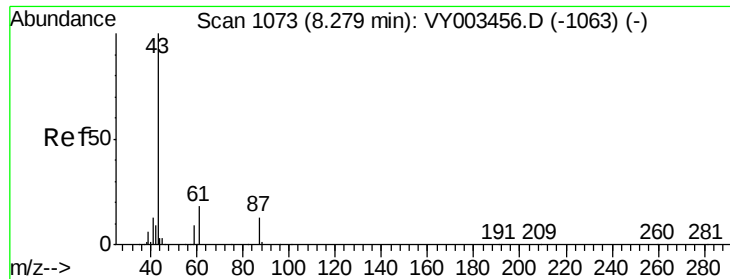
#42
1,2-Dichloroethane
Concen: 47.796 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:	62	Resp:	326918
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



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

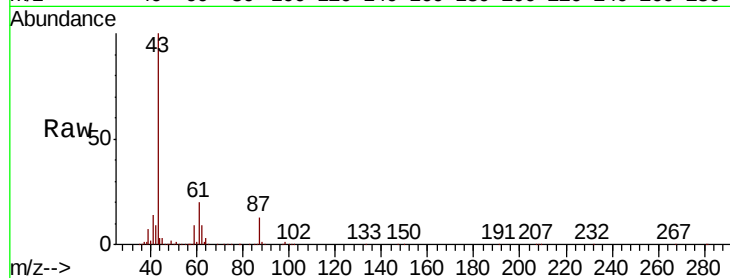




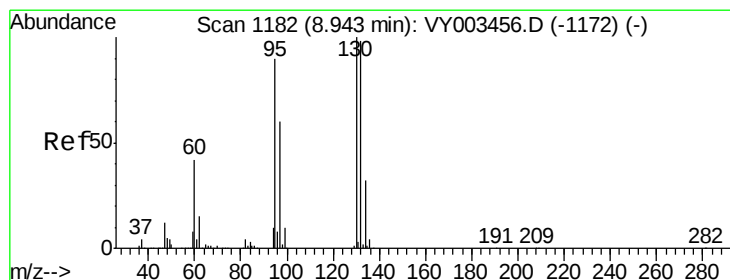
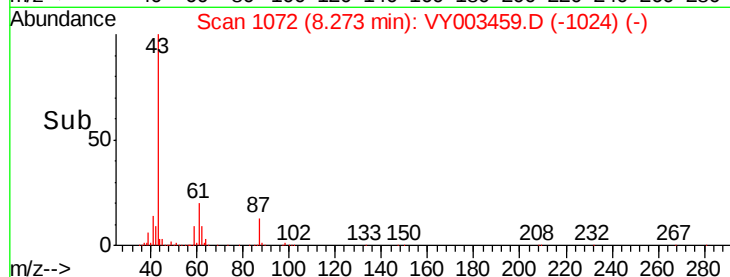
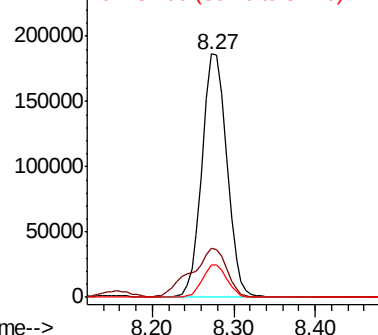
#43
Isopropyl Acetate
Concen: 46.876 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.7	34.1
87	13.2	10.4	15.6

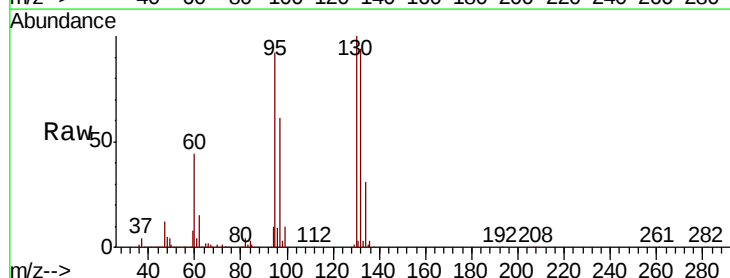


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

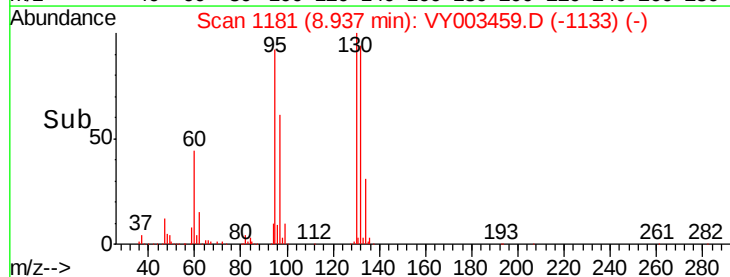
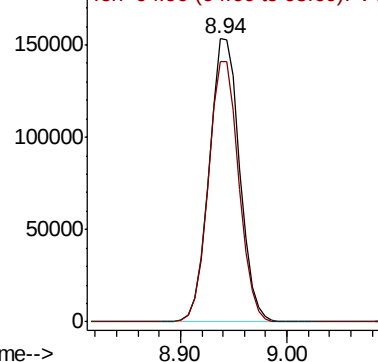


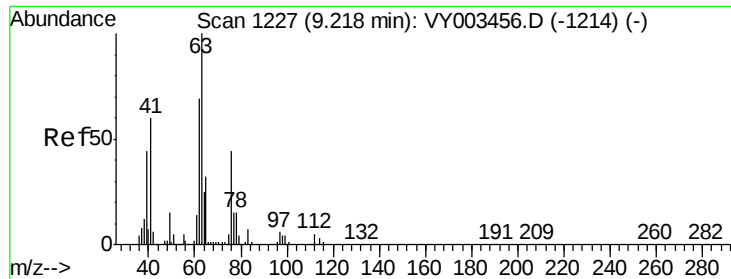
#44
Trichloroethene
Concen: 48.589 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	180.6



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

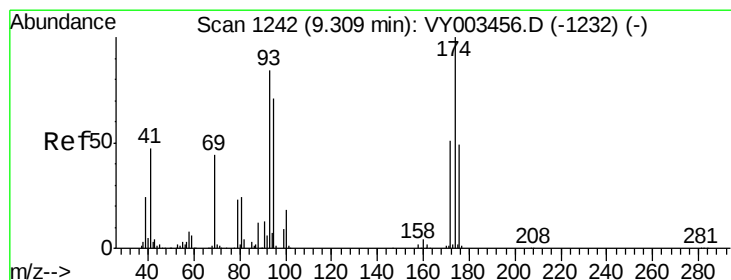
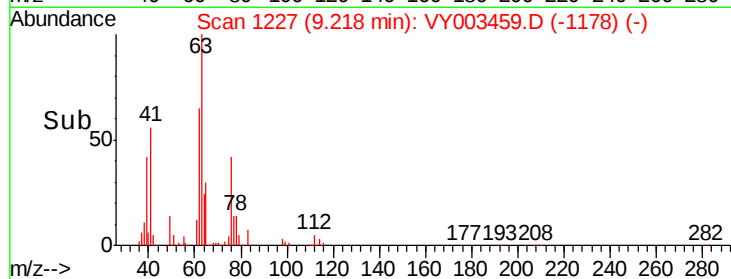
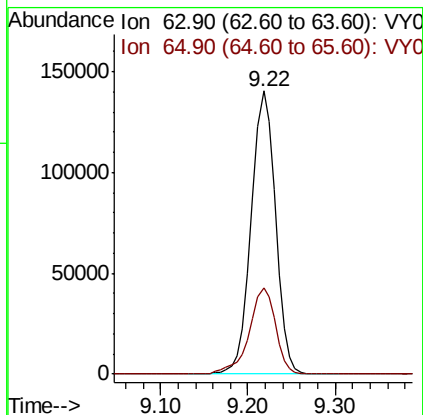
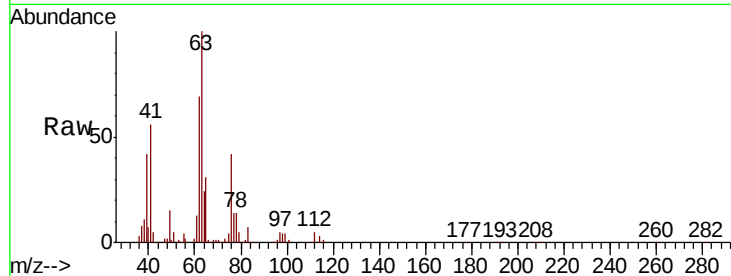




#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

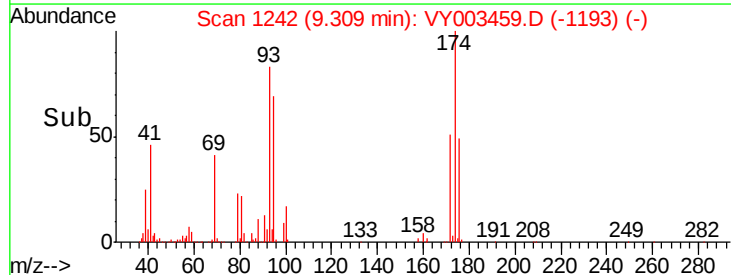
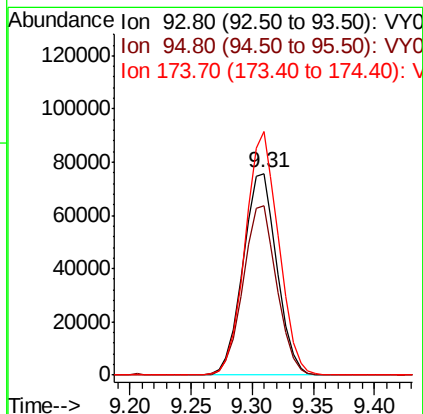
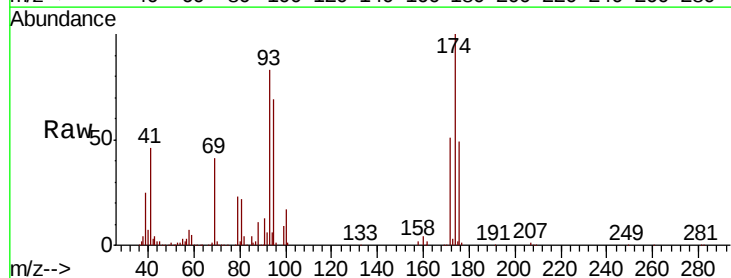
Instrument :
 MSVOA_Y
 ClientSampleId :

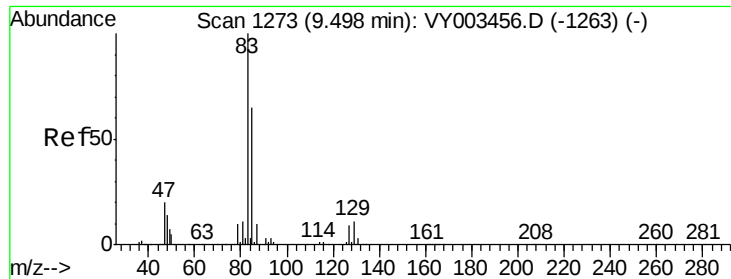
Tot Ion: 63 Resp: 271720
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.2



#46
 Dibromomethane
 Concen: 47.365 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion: 93 Resp: 146283
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.6 98.4
 174 118.2 94.3 141.5





#47

Bromodichloromethane

Concen: 48.611 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

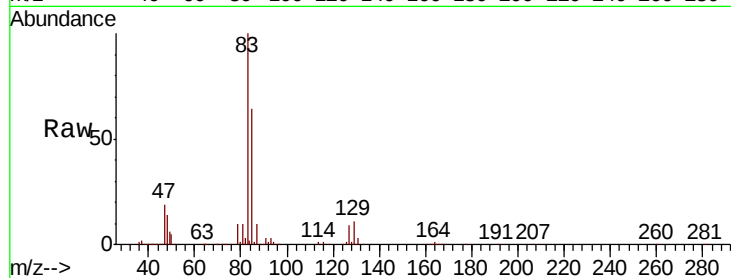
Tot Ion: 83 Resp: 368055

Ion Ratio Lower Upper

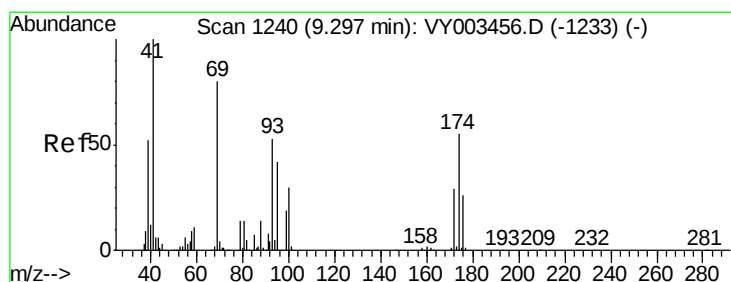
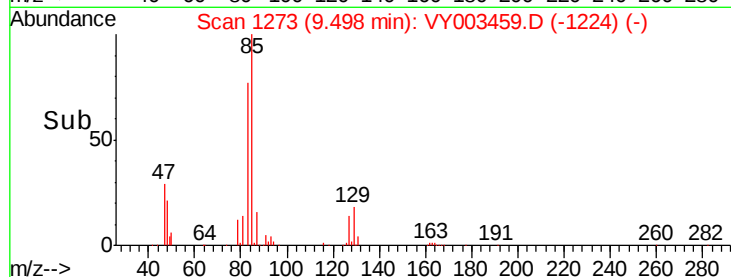
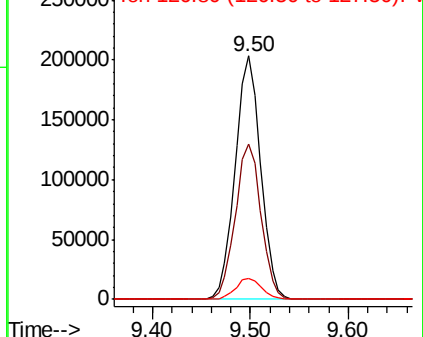
83 100

85 63.7 52.1 78.1

127 8.8 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: 47.329 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

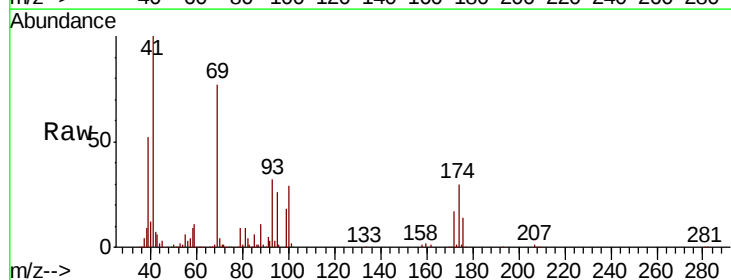
Tgt Ion: 41 Resp: 187258

Ion Ratio Lower Upper

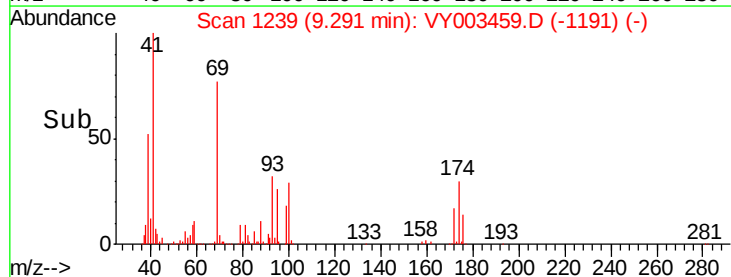
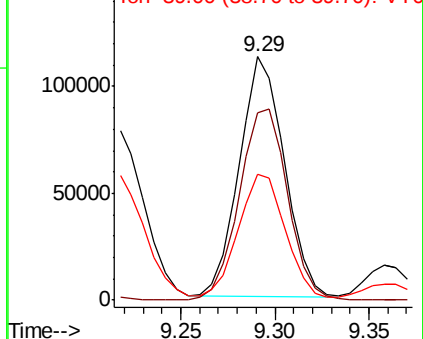
41 100

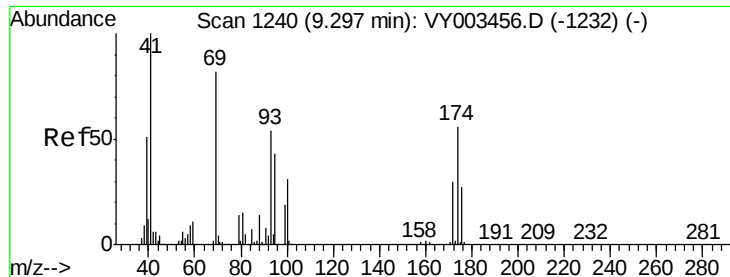
69 85.2 66.3 99.5

39 55.1 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

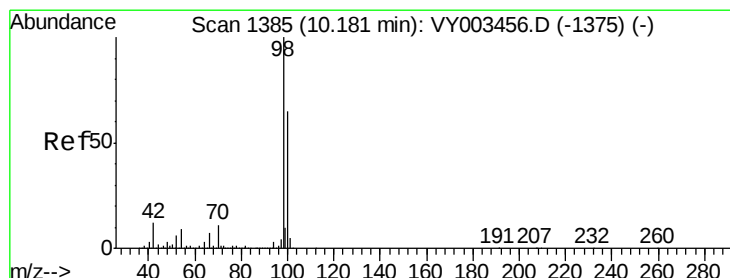
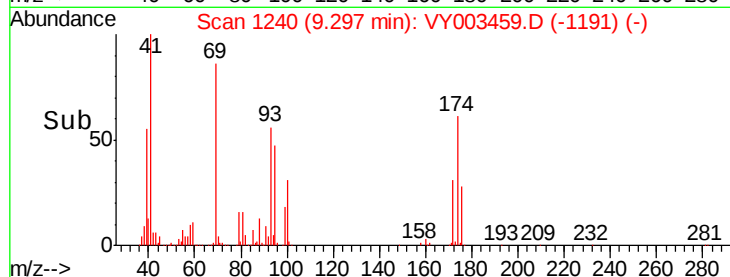
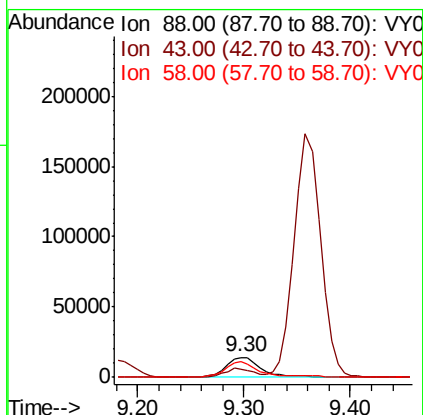
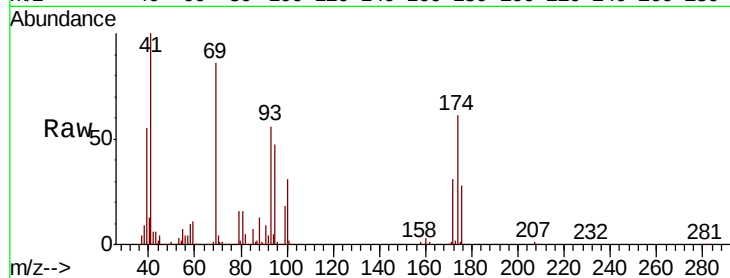




#49
1,4-Dioxane
Concen: 906.600 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

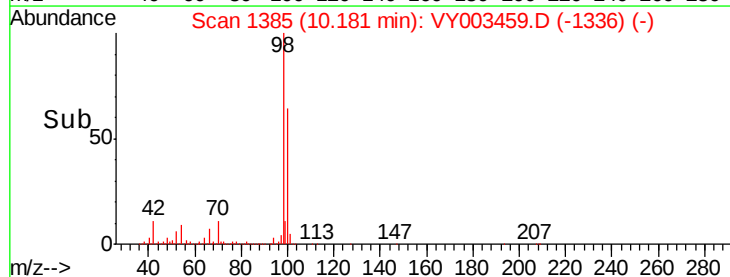
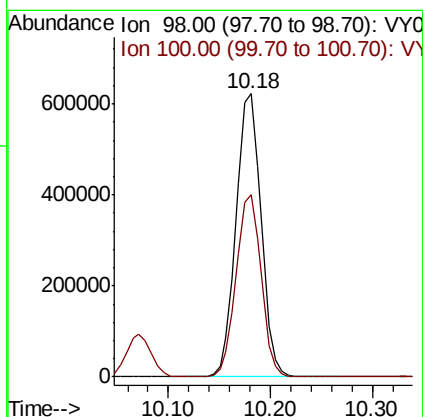
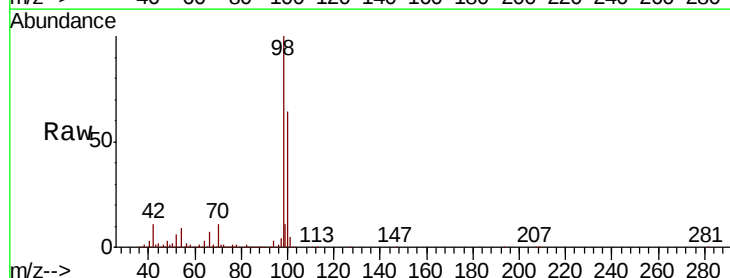
Instrument :
MSVOA_Y
ClientSampled :

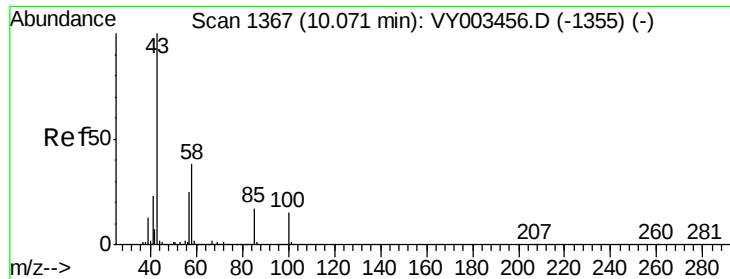
Tot Ion: 88 Resp: 33055
Ion Ratio Lower Upper
88 100
43 37.2 28.6 43.0
58 71.1 51.8 77.6



#50
Toluene-d8
Concen: 51.869 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 98 Resp: 1055061
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

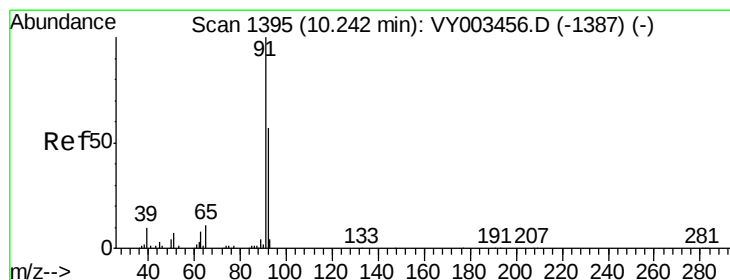
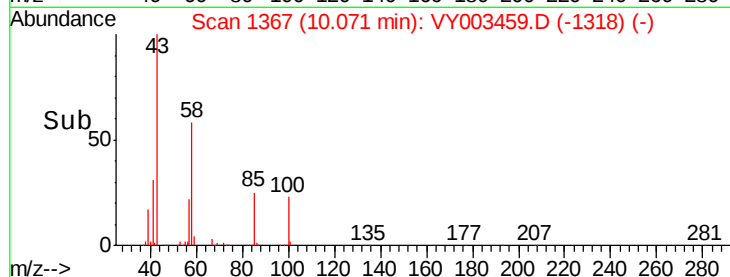
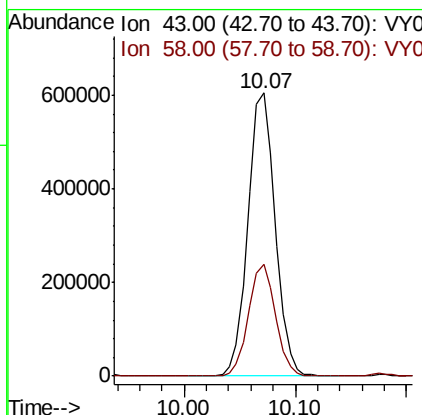
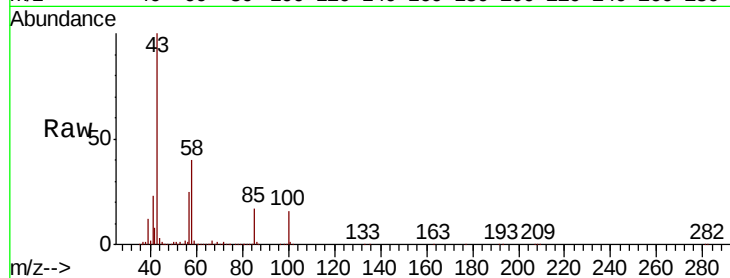




#51
4-Methyl-2-Pentanone
Concen: 232.289 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

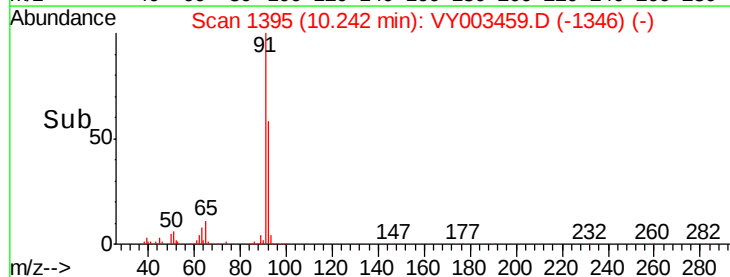
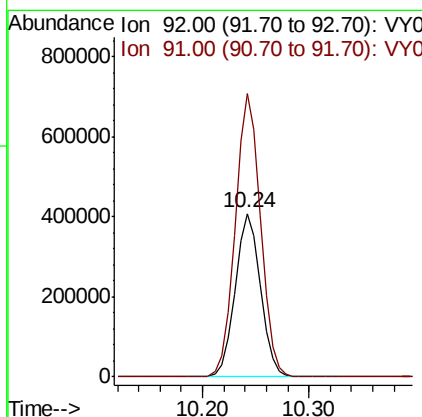
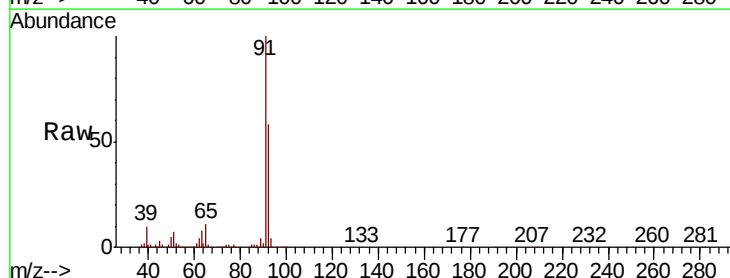
Instrument :
MSVOA_Y
ClientSampleId :

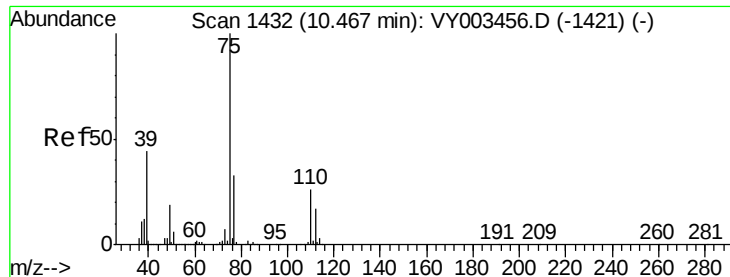
Tot Ion: 43 Resp: 1033258
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 49.037 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 92 Resp: 677258
Ion Ratio Lower Upper
92 100
91 173.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 49.092 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

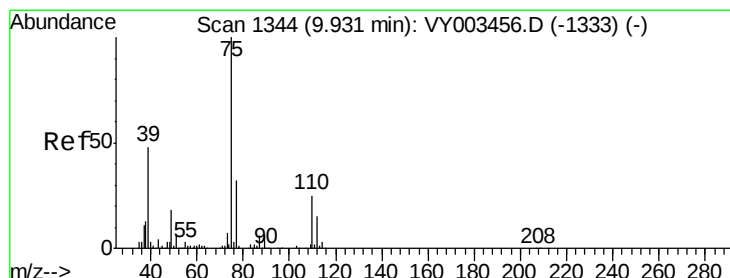
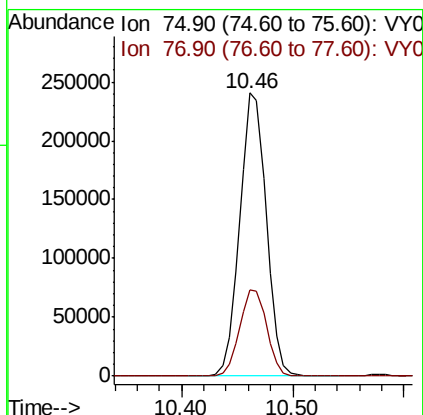
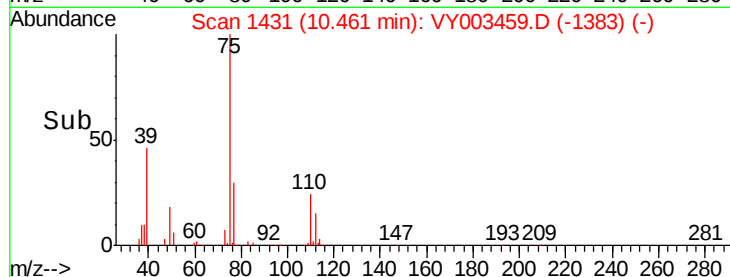
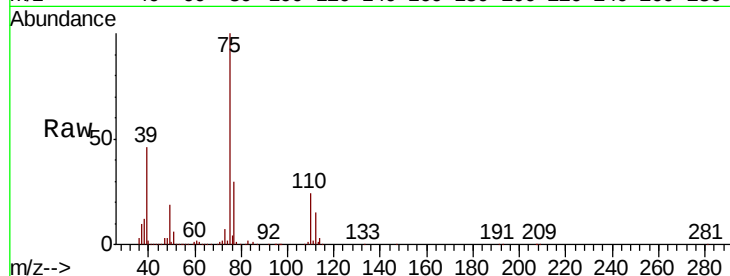
ClientSampled :

Tot Ion: 75 Resp: 397535

Ion Ratio Lower Upper

75 100

77 30.4 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 49.054 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

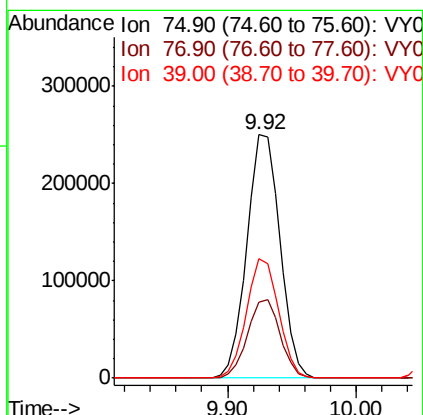
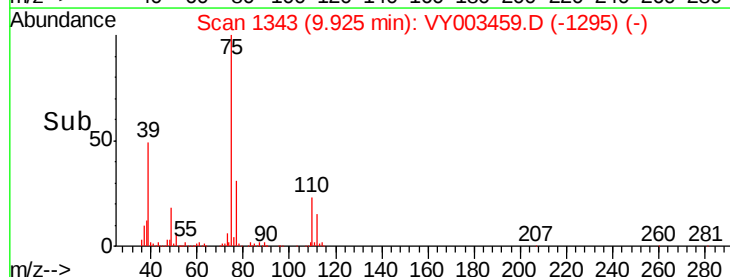
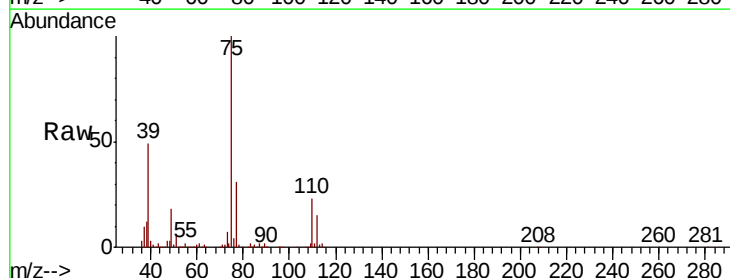
Tgt Ion: 75 Resp: 442915

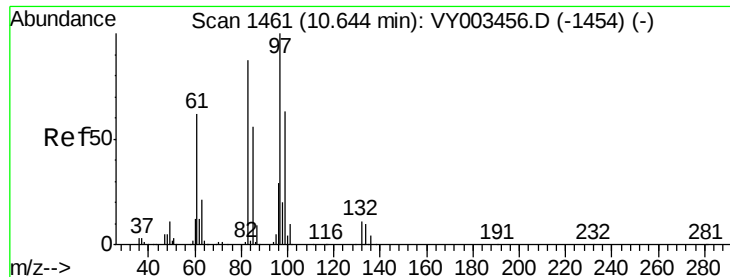
Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9

39 49.0 38.7 58.1

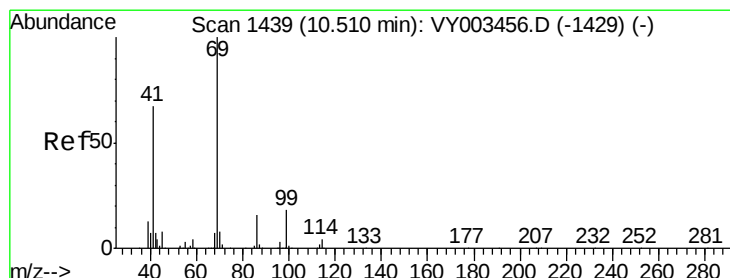
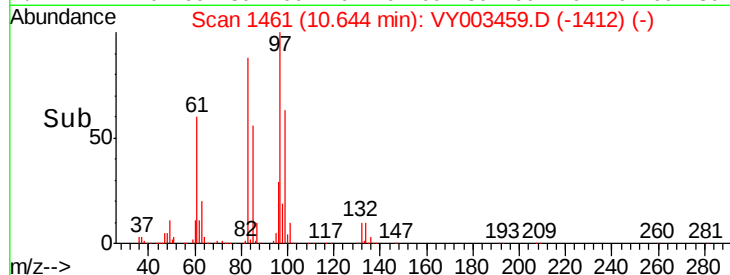
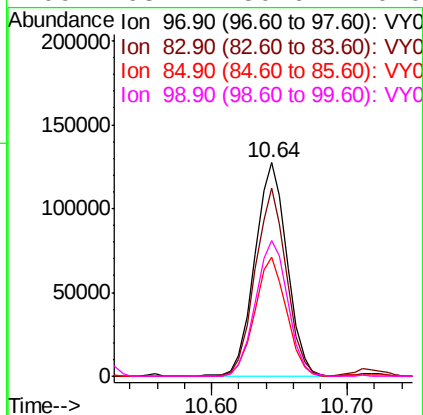
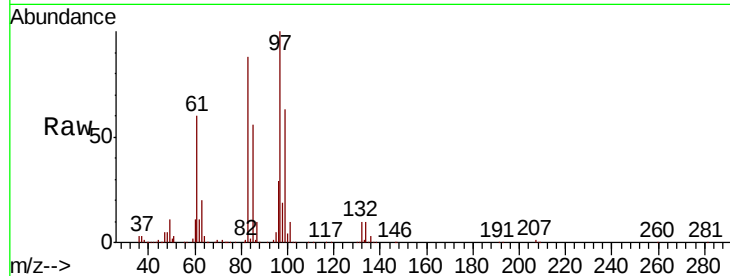




#55
 1,1,2-Trichloroethane
 Concen: 47.964 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

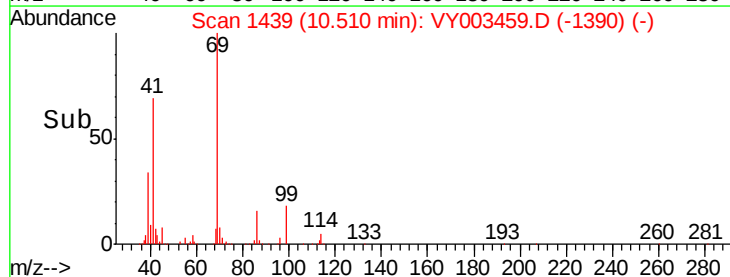
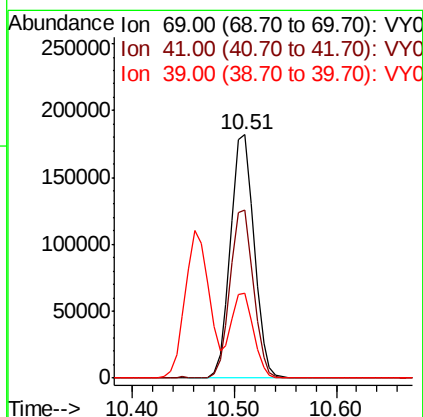
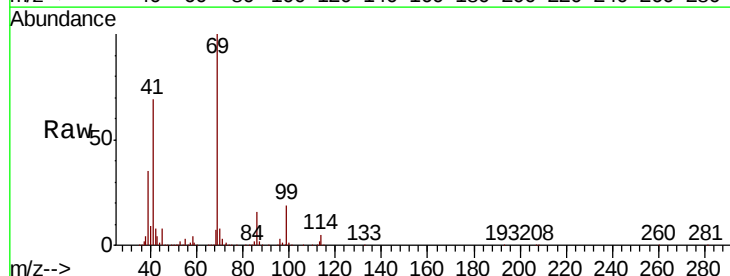
Instrument :
 MSVOA_Y
 ClientSampleId :

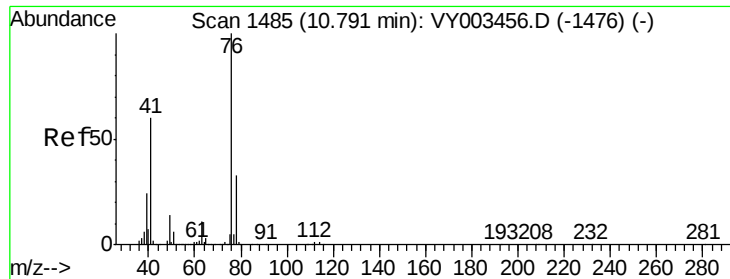
Tot Ion:	97	Resp:	211801
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.9	104.9
85	55.8	44.5	66.7
99	63.4	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 48.789 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion:	69	Resp:	289855
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.4	83.2
39	34.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 48.229 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

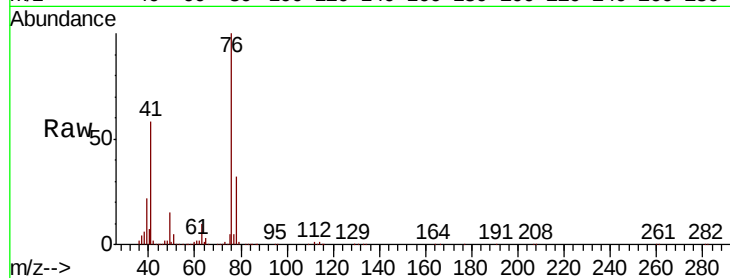
ClientSampleId :

Tot Ion: 76 Resp: 369345

Ion Ratio Lower Upper

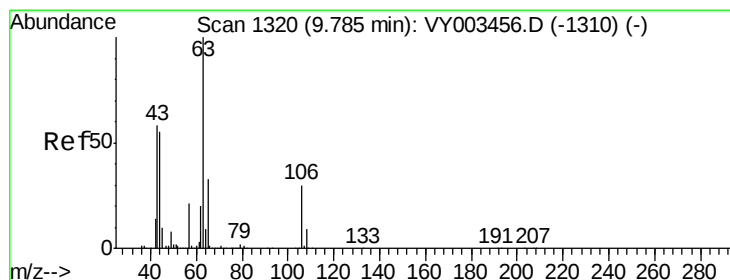
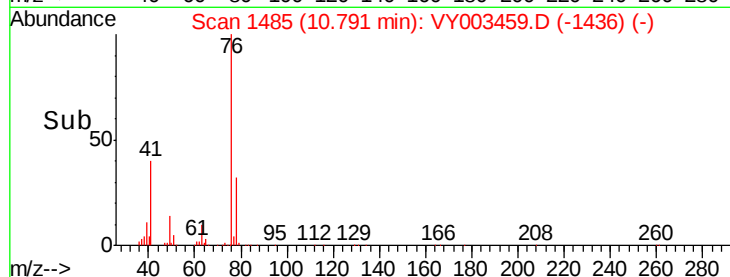
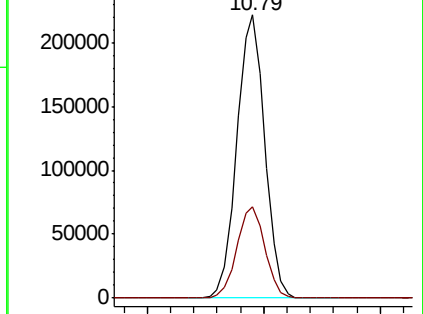
76 100

78 32.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 240.315 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003459.D

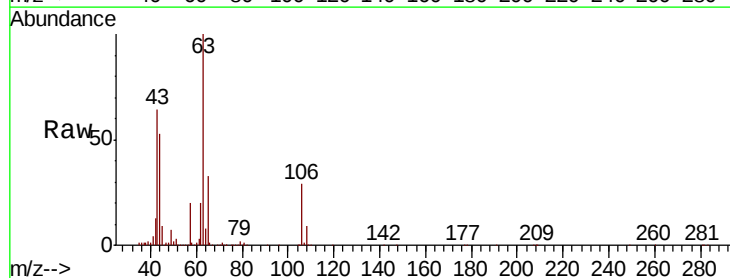
Acq: 05 Oct 2020 17:41

Tgt Ion: 63 Resp: 748022

Ion Ratio Lower Upper

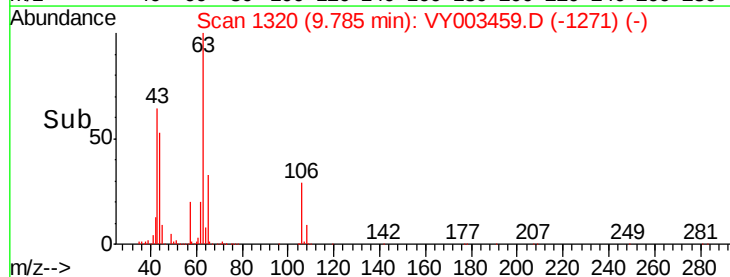
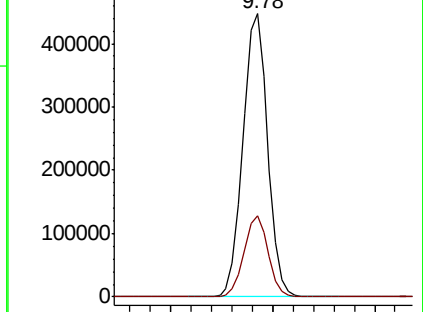
63 100

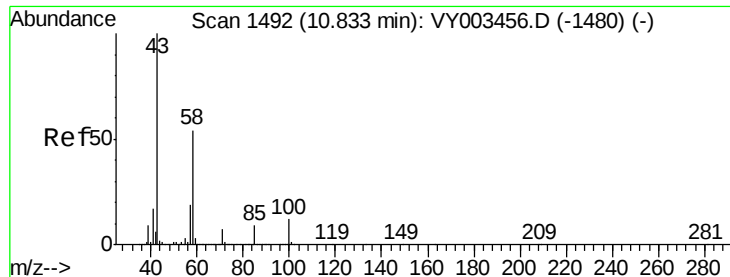
106 28.0 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

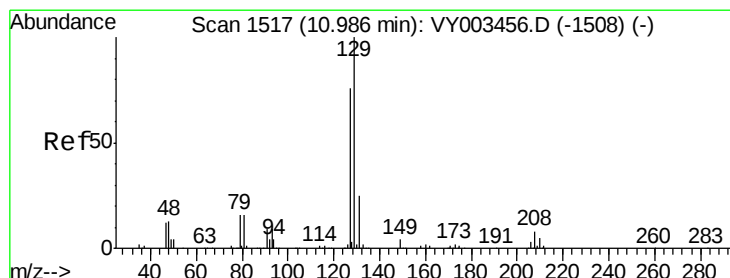
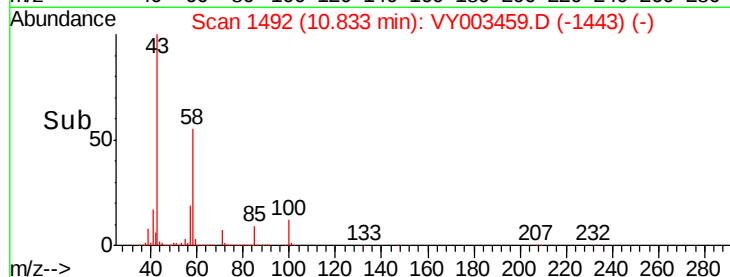
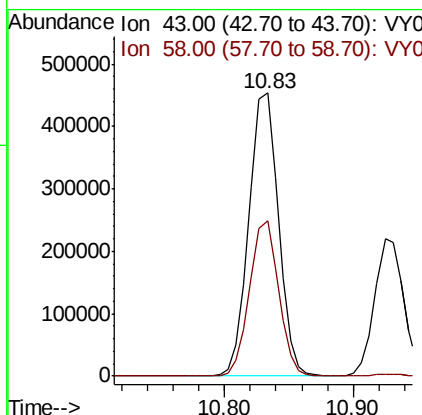
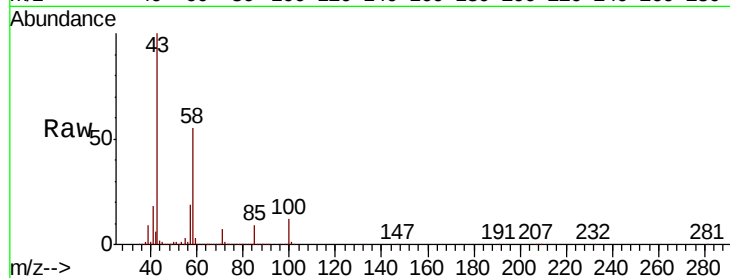




#59
2-Hexanone
Concen: 230.228 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

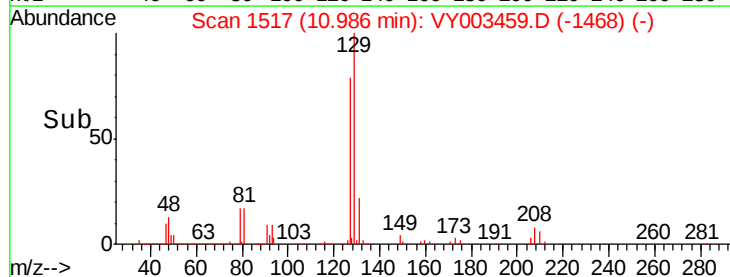
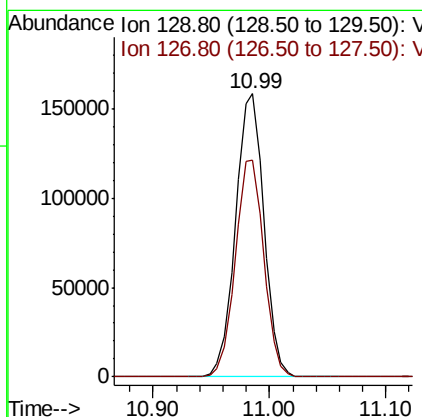
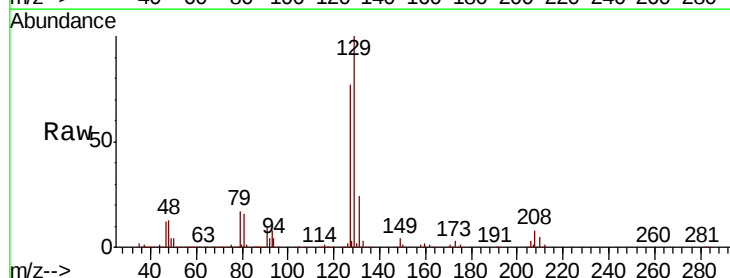
Instrument :
MSVOA_Y
ClientSampled :

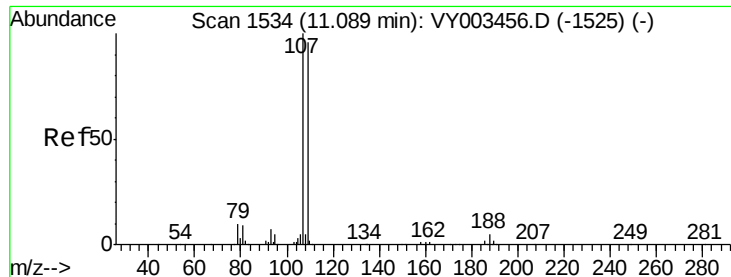
Tot Ion: 43 Resp: 719364
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.3



#60
Dibromochloromethane
Concen: 48.051 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 129 Resp: 268592
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.580 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

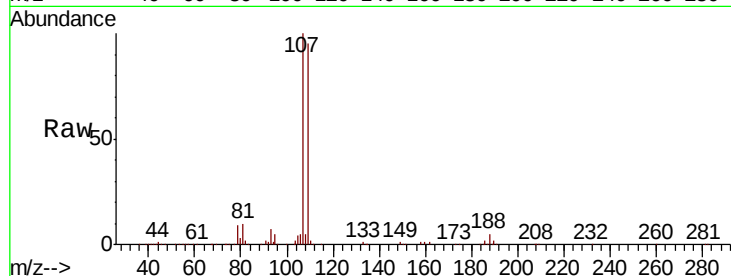
ClientSampled :

Tot Ion:107 Resp: 202117

Ion Ratio Lower Upper

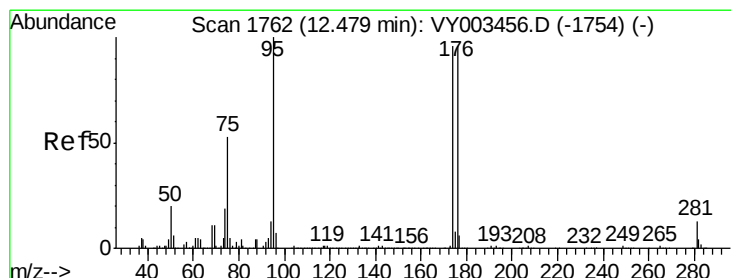
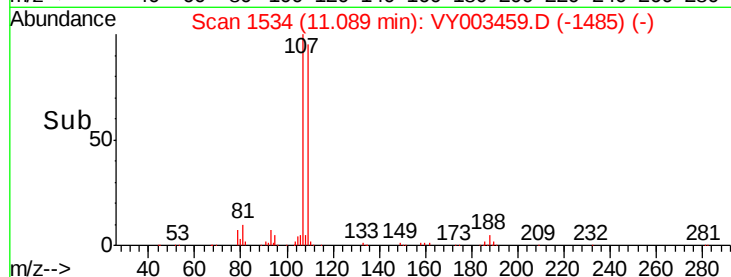
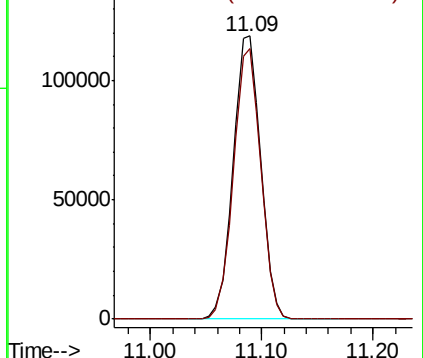
107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.653 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

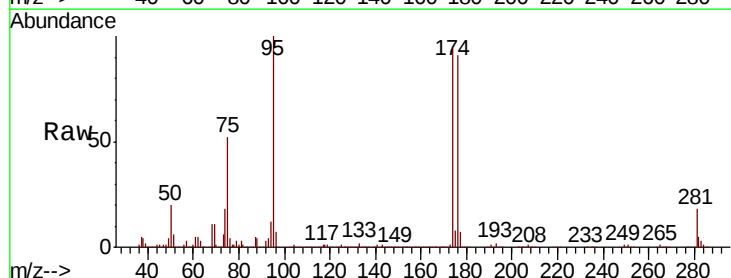
Tgt Ion: 95 Resp: 370756

Ion Ratio Lower Upper

95 100

174 96.5 0.0 197.0

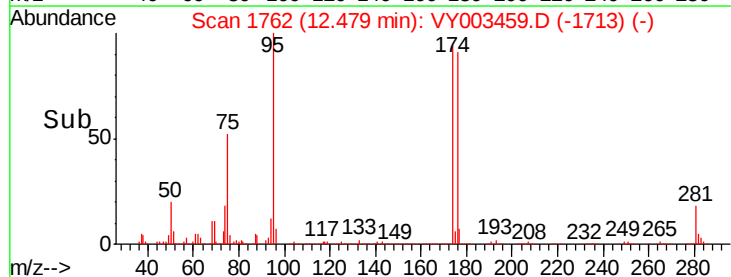
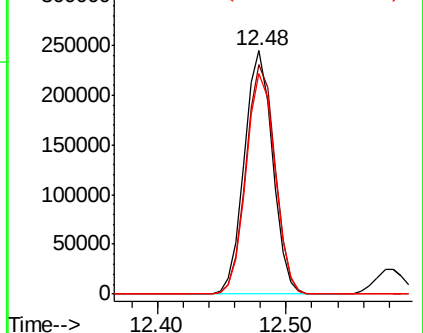
176 92.8 0.0 193.6

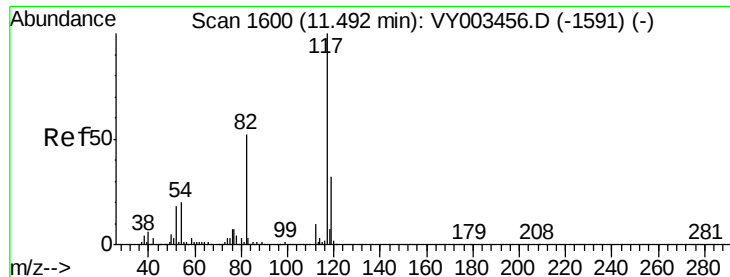


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

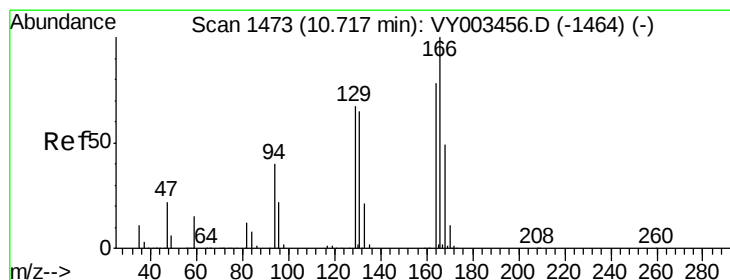
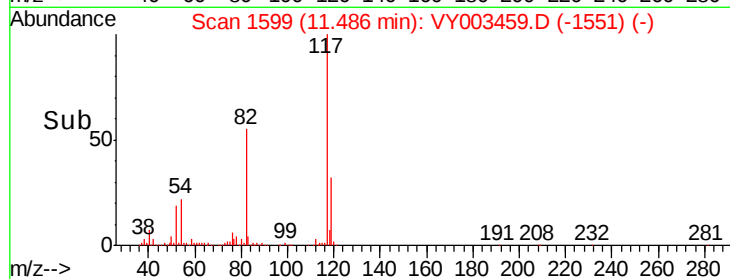
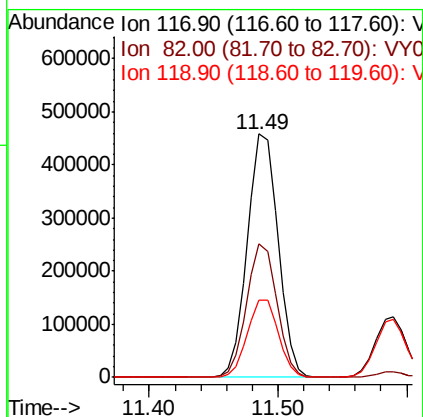
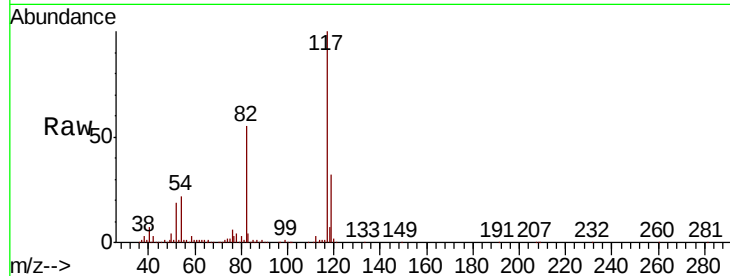




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

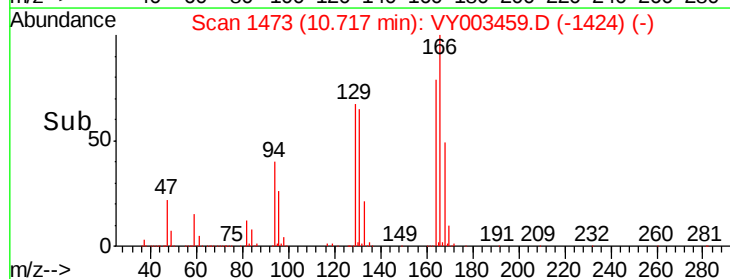
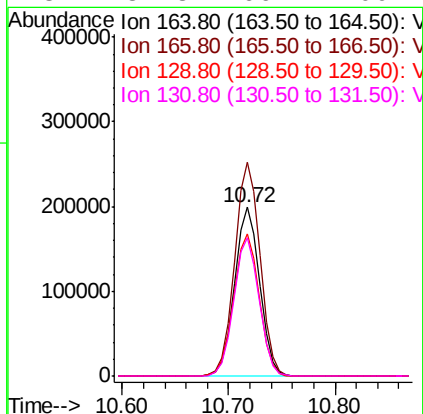
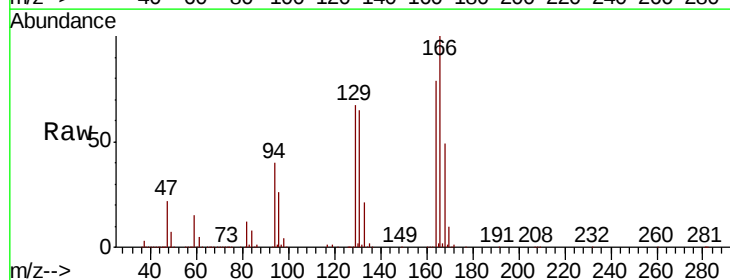
Instrument :
MSVOA_Y
ClientSampled :

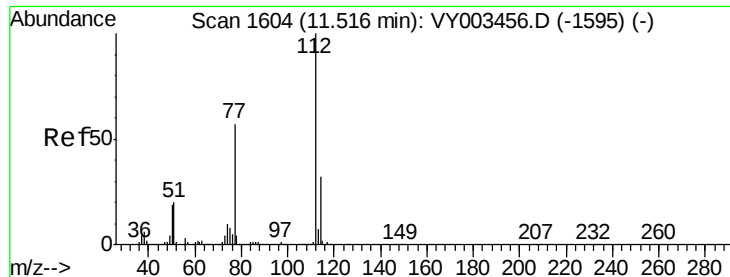
Tot Ion:117 Resp: 754717
Ion Ratio Lower Upper
117 100
82 55.0 41.7 62.5
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 48.333 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:164 Resp: 328748
Ion Ratio Lower Upper
164 100
166 126.6 103.0 154.6
129 84.5 68.9 103.3
131 82.3 66.7 100.1

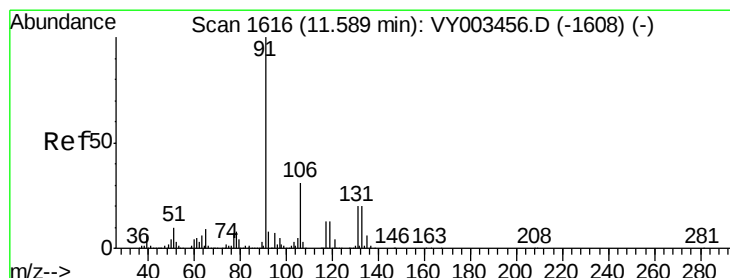
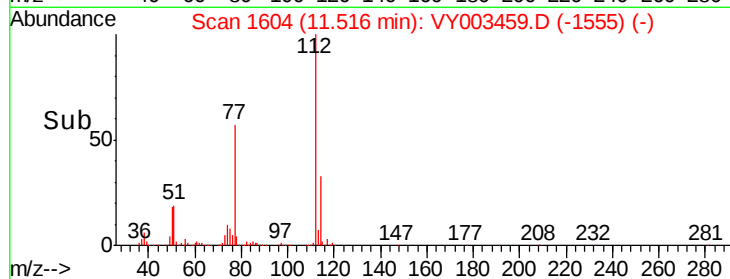
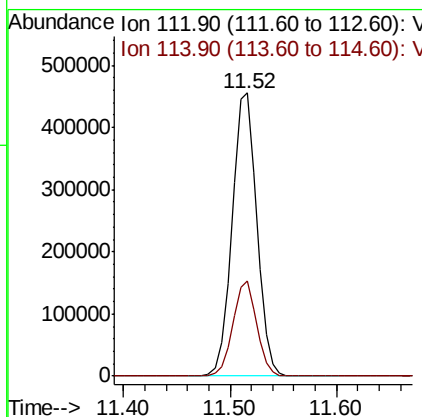
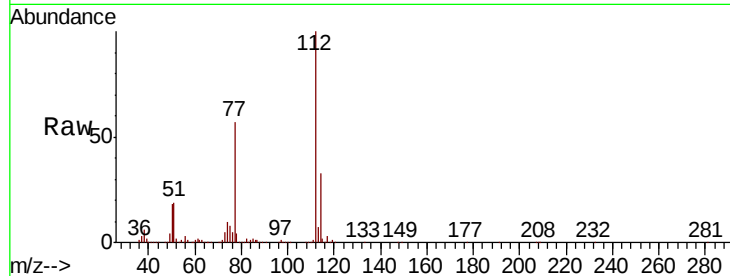




#65
Chlorobenzene
Concen: 49.172 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

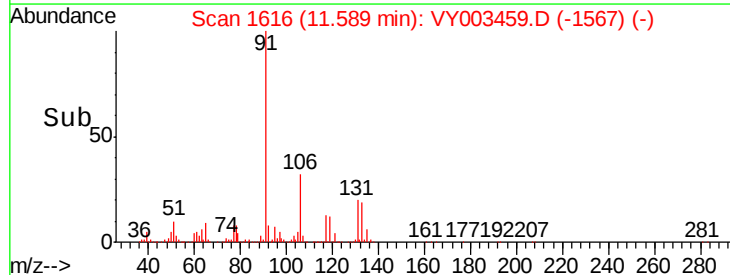
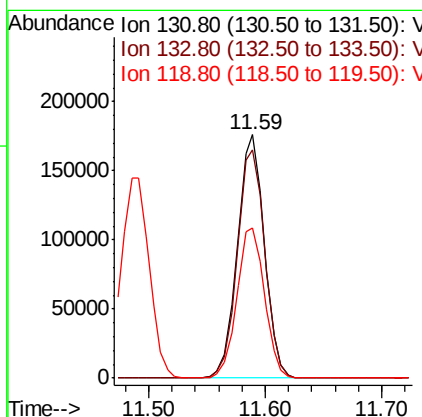
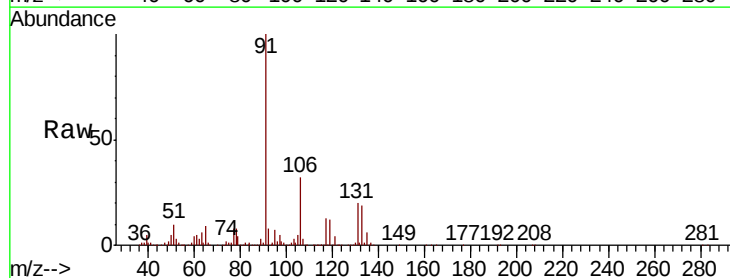
Instrument :
MSVOA_Y
ClientSampled :

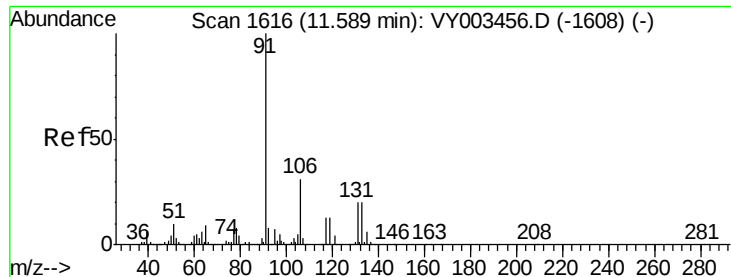
Tot Ion:112 Resp: 741478
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.402 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:131 Resp: 283715
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 63.1 31.5 94.5





#67

Ethyl Benzene

Concen: 49.818 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

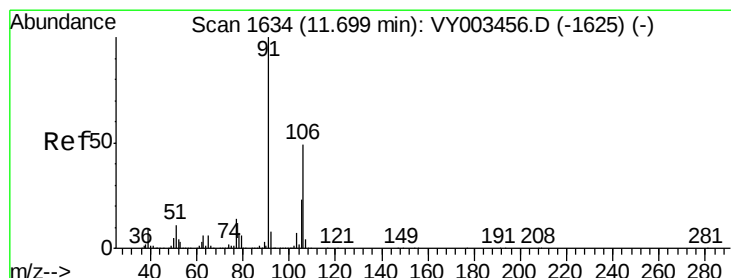
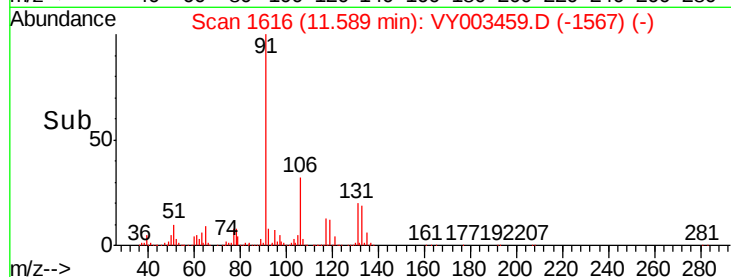
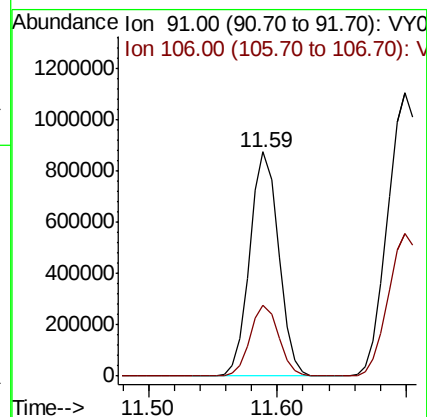
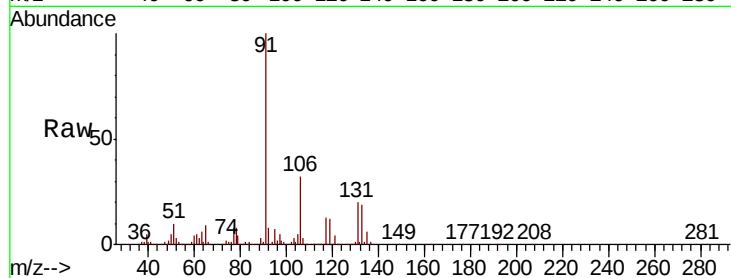
ClientSampled :

Tot Ion: 91 Resp: 1345329

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 99.409 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003459.D

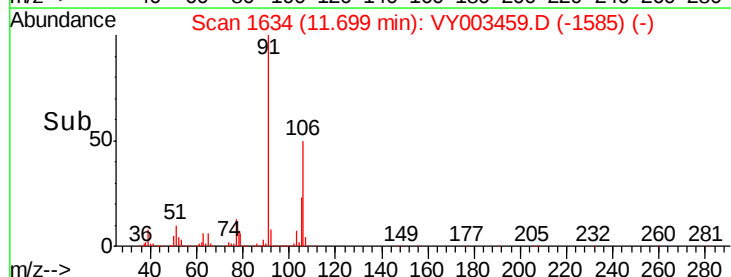
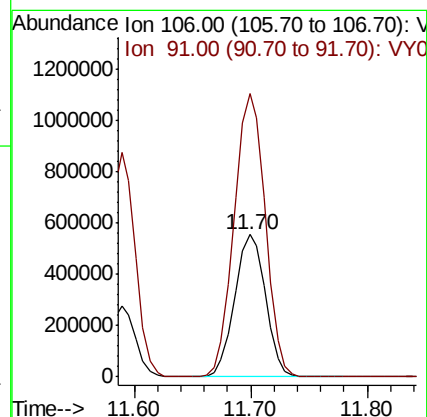
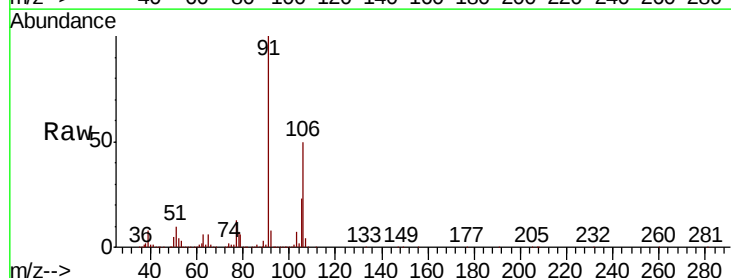
Acq: 05 Oct 2020 17:41

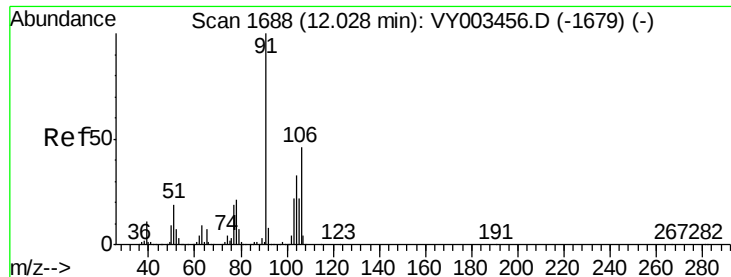
Tgt Ion: 106 Resp: 1024036

Ion Ratio Lower Upper

106 100

91 200.8 160.9 241.3

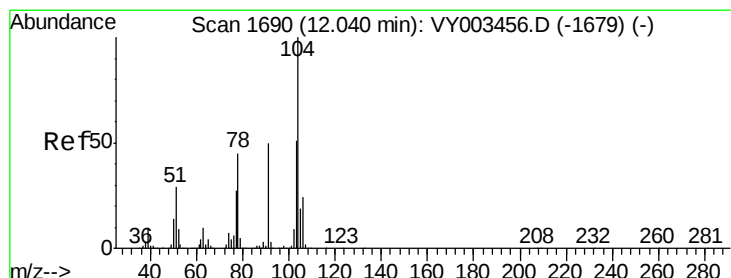
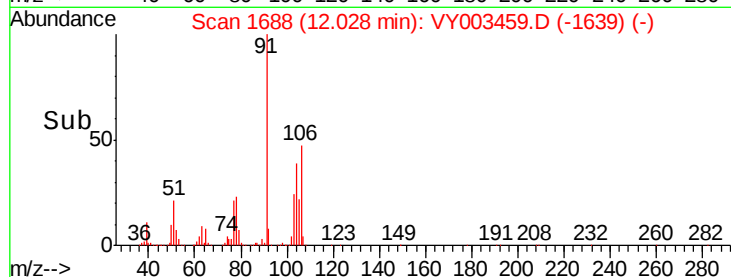
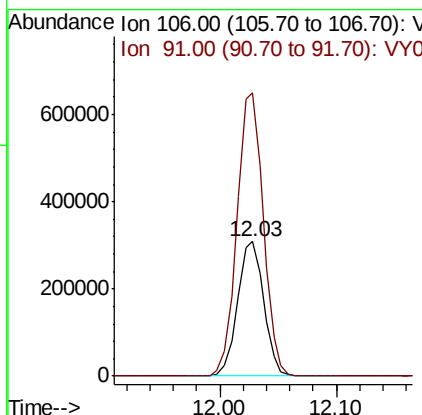
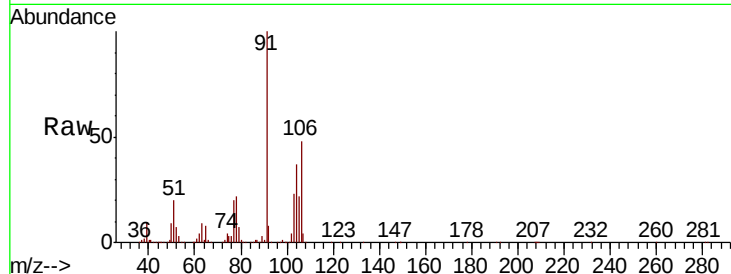




#69
o-Xylene
Concen: 50.126 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

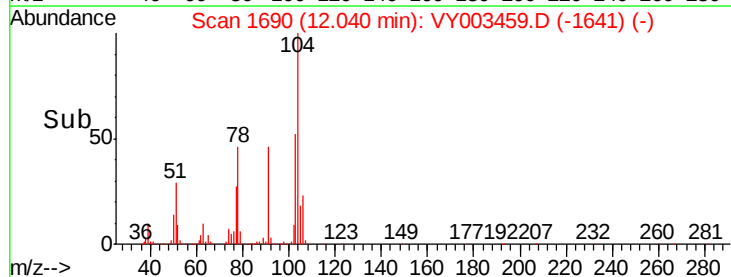
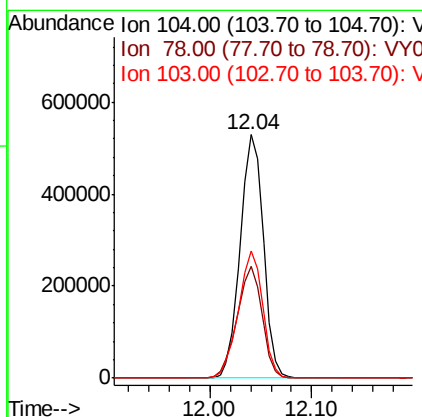
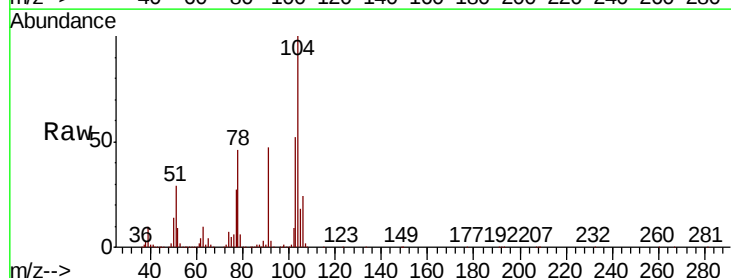
Instrument :
MSVOA_Y
ClientSampleId :

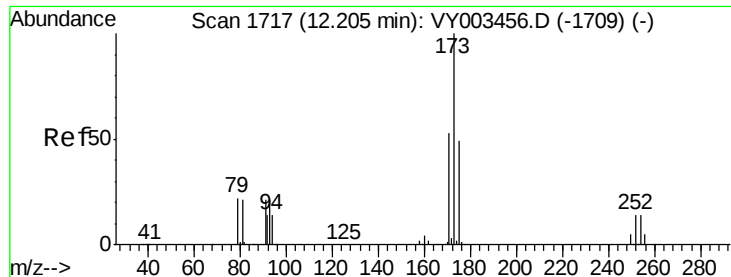
Tot Ion:106 Resp: 484867
Ion Ratio Lower Upper
106 100
91 211.3 106.8 320.4



#70
Styrene
Concen: 50.486 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:104 Resp: 832443
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.9 44.2 66.4





#71

Bromoform

Concen: 47.979 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampled :

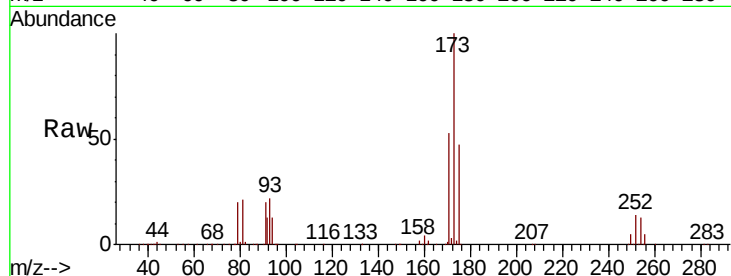
Tot Ion:173 Resp: 183730

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.7

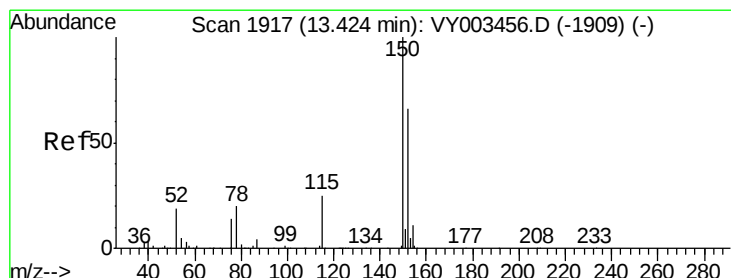
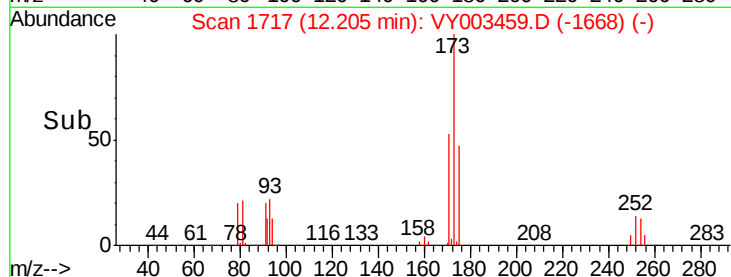
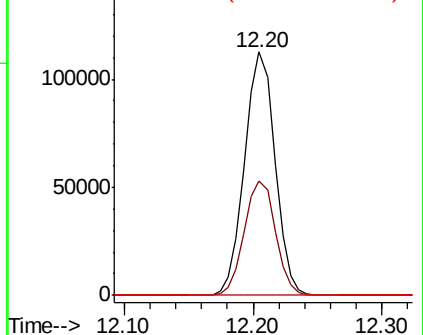
254 0.2 0.2 0.4#



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: VY003459.D

Acq: 05 Oct 2020 17:41

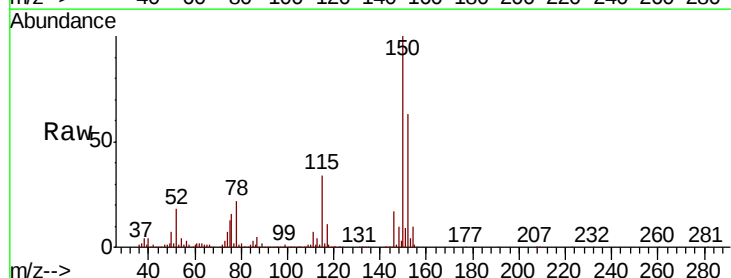
Tgt Ion:152 Resp: 411708

Ion Ratio Lower Upper

152 100

115 53.9 27.0 80.8

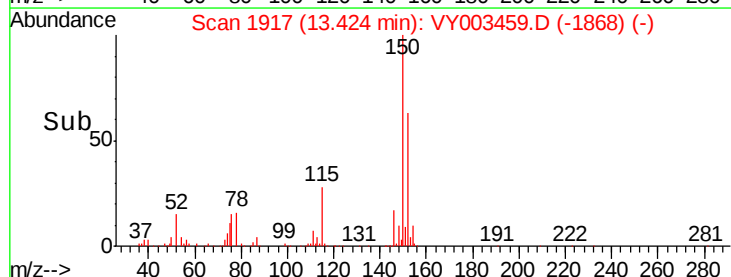
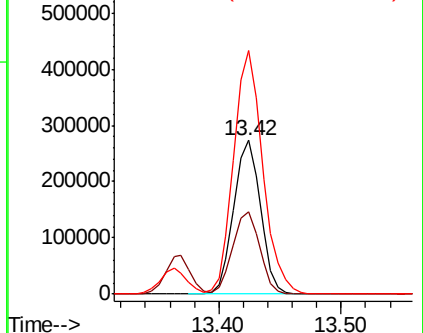
150 172.9 0.0 343.6

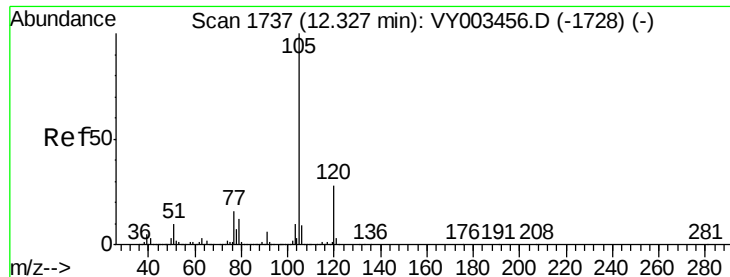


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.682 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

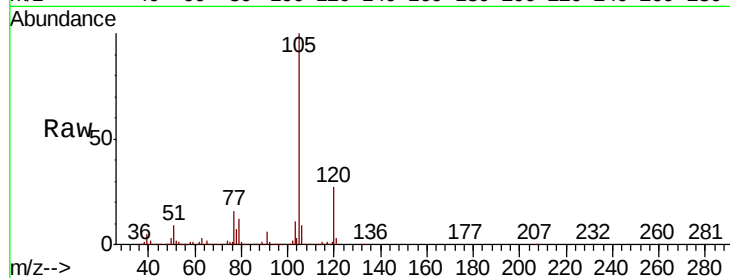
ClientSampled :

Tot Ion:105 Resp: 1332059

Ion Ratio Lower Upper

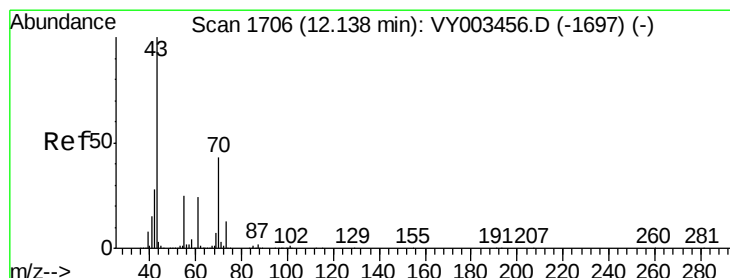
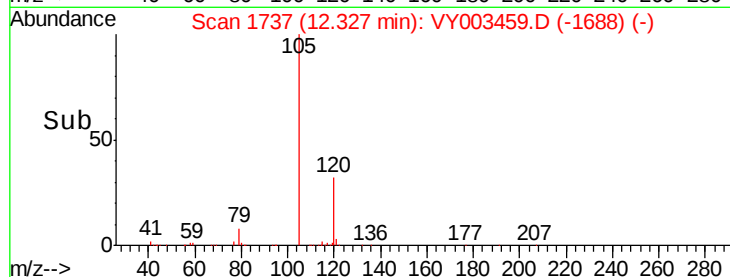
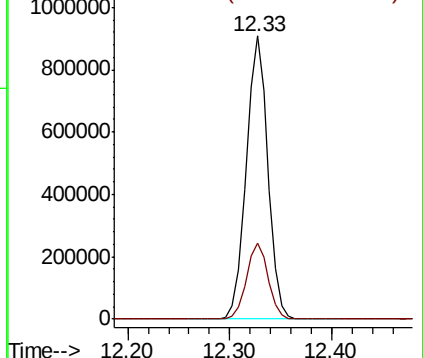
105 100

120 26.9 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.630 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion: 43 Resp: 368378

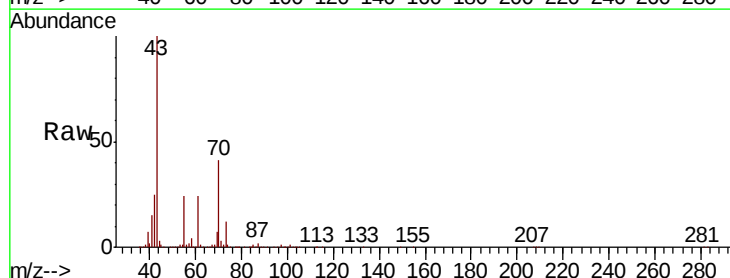
Ion Ratio Lower Upper

43 100

70 42.2 34.0 51.0

55 24.3 19.5 29.3

61 24.9 19.4 29.2

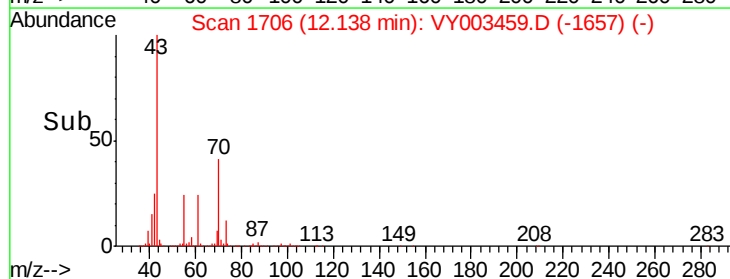
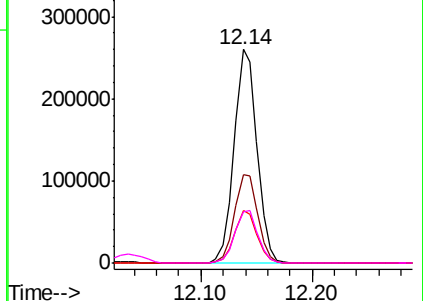


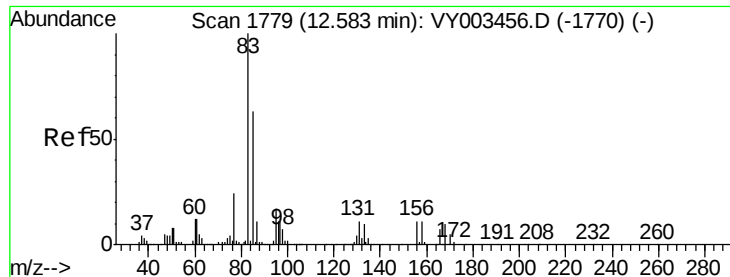
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.557 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

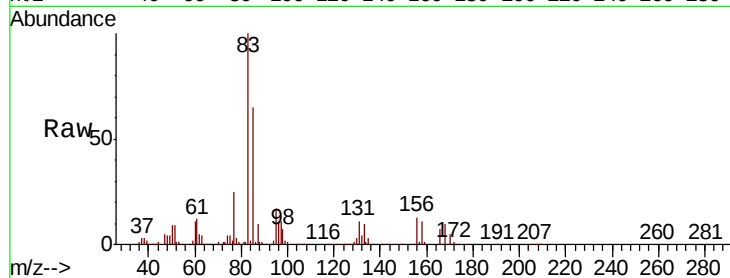
Tot Ion: 83 Resp: 241474

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

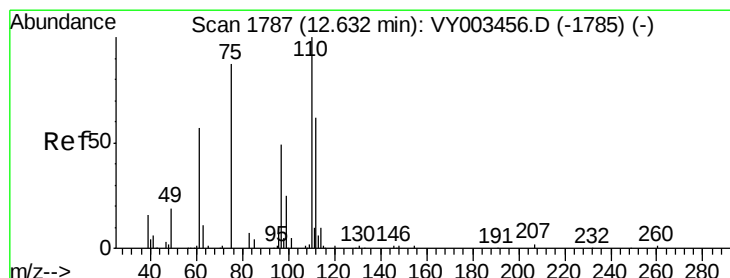
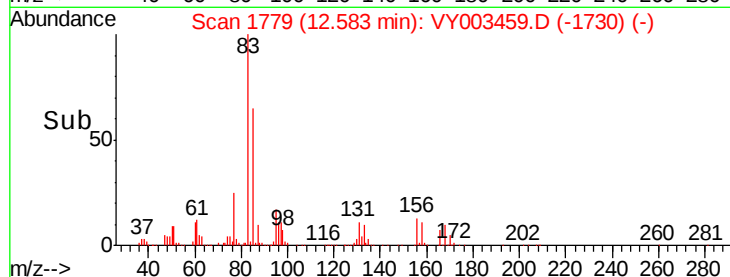
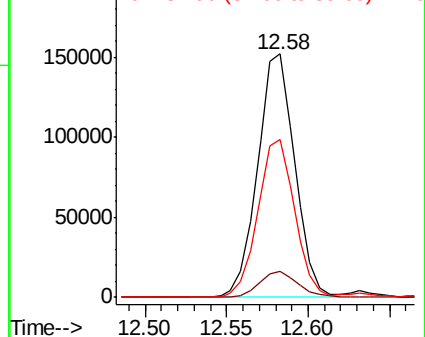
85 64.7 32.0 96.0



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: 96.204 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003459.D

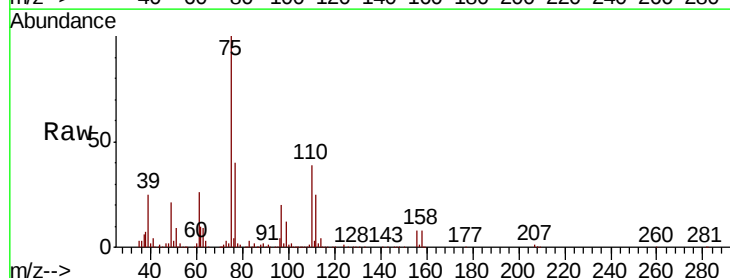
Acq: 05 Oct 2020 17:41

Tgt Ion: 75 Resp: 342489

Ion Ratio Lower Upper

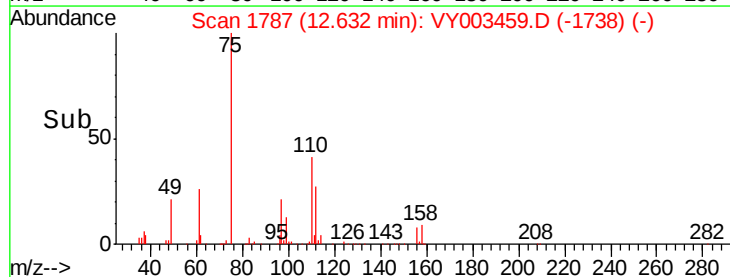
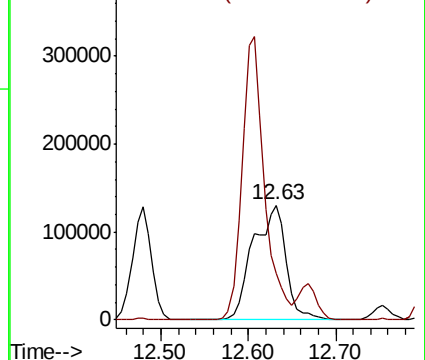
75 100

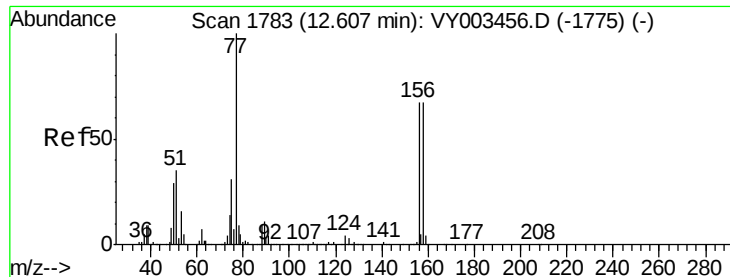
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.574 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

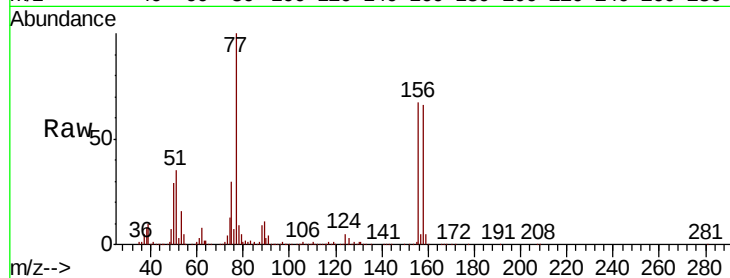
Tot Ion:156 Resp: 339899

Ion Ratio Lower Upper

156 100

77 169.8 84.5 253.4

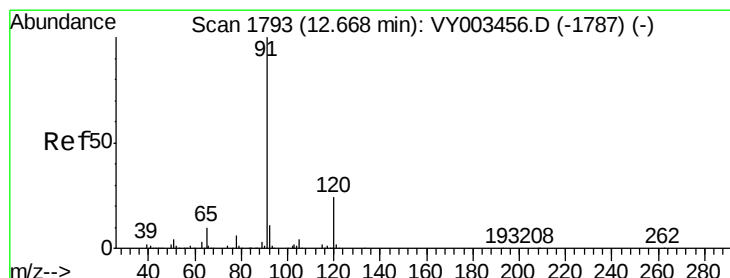
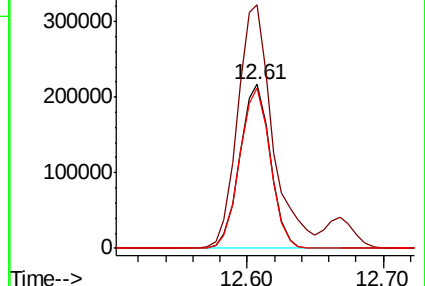
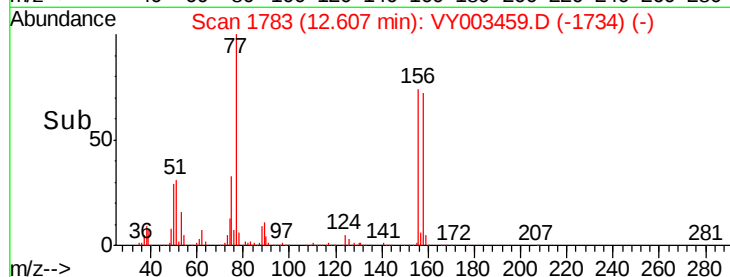
158 97.5 49.4 148.2



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: 51.429 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003459.D

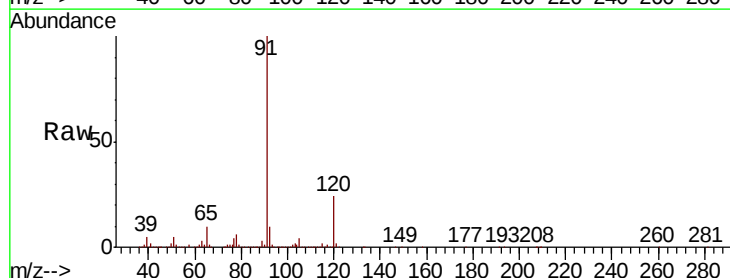
Acq: 05 Oct 2020 17:41

Tgt Ion: 91 Resp: 1575747

Ion Ratio Lower Upper

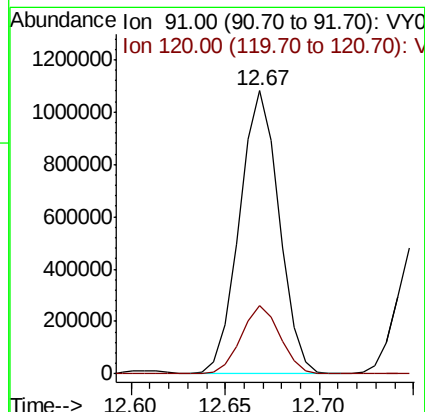
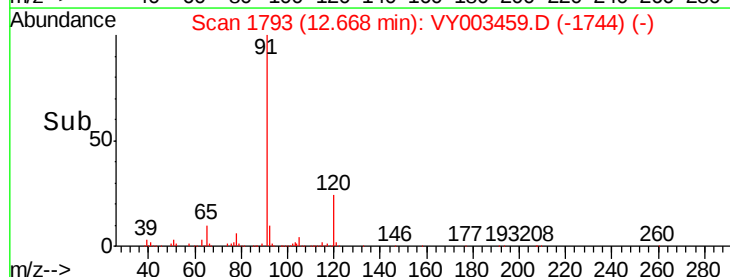
91 100

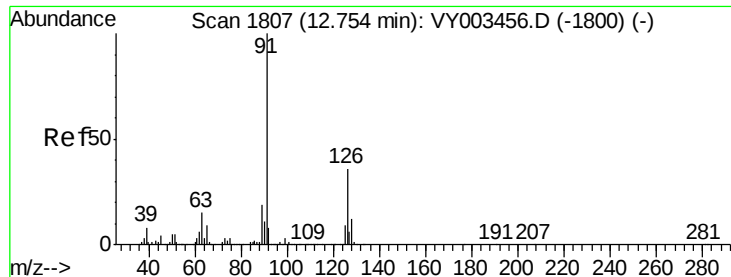
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

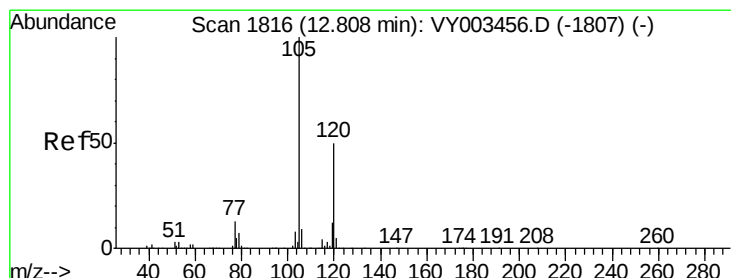
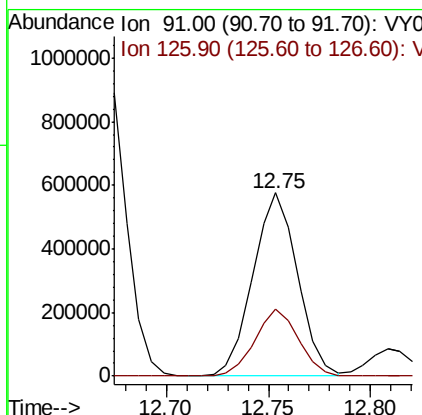
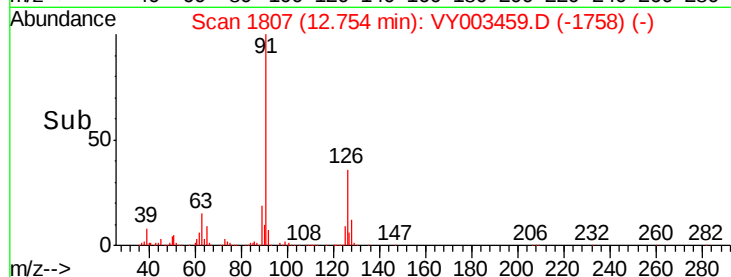
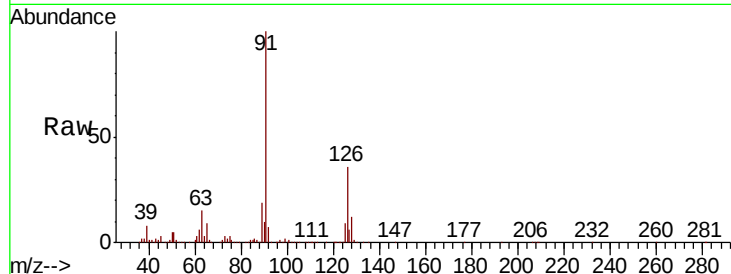




#79
 2-Chlorotoluene
 Concen: 50.852 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

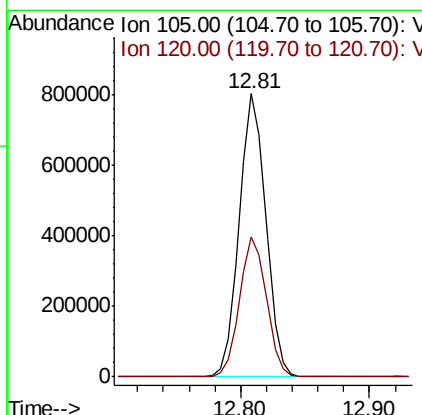
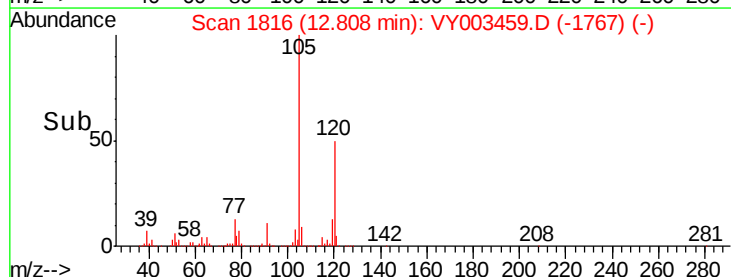
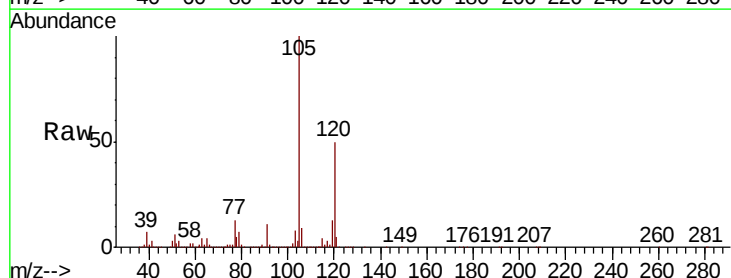
Instrument :
 MSVOA_Y
 ClientSampleId :

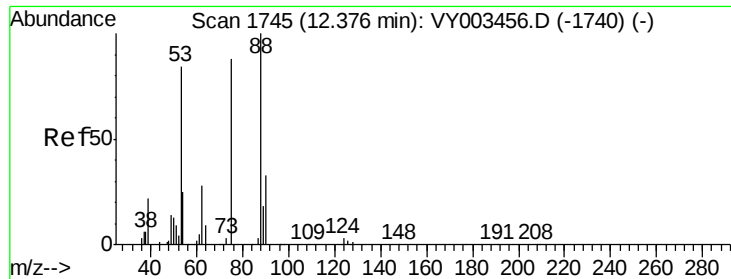
Tot Ion: 91 Resp: 876375
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.948 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion: 105 Resp: 1148612
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.631 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

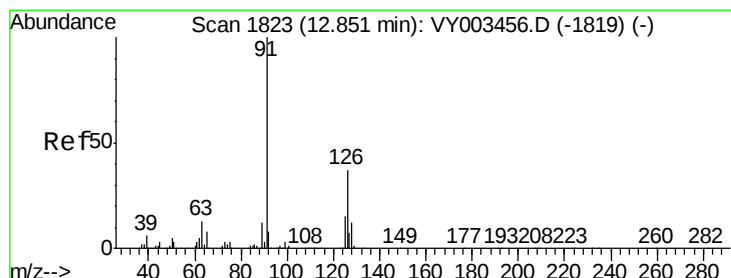
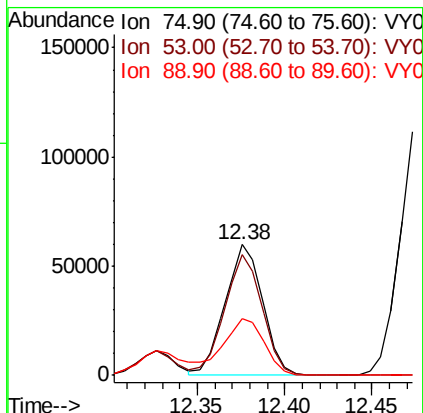
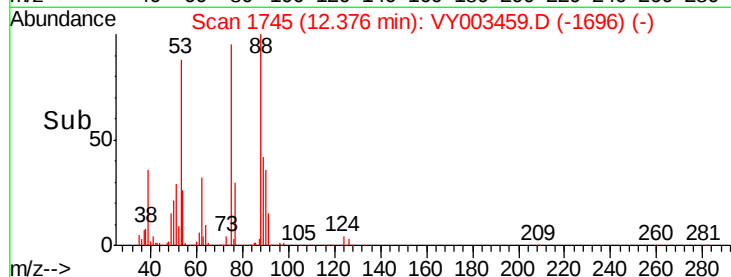
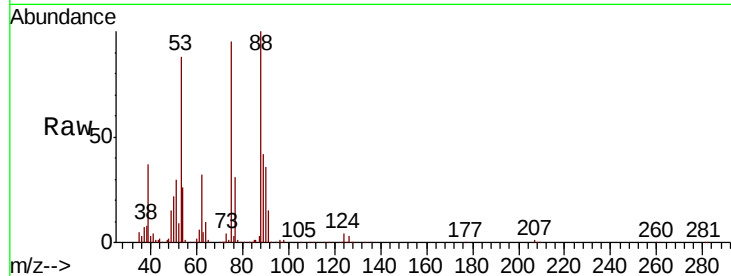
Tot Ion: 75 Resp: 89049

Ion Ratio Lower Upper

75 100

53 92.9 74.2 111.2

89 46.7 36.2 54.4



#82

4-Chlorotoluene

Concen: 50.244 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003459.D

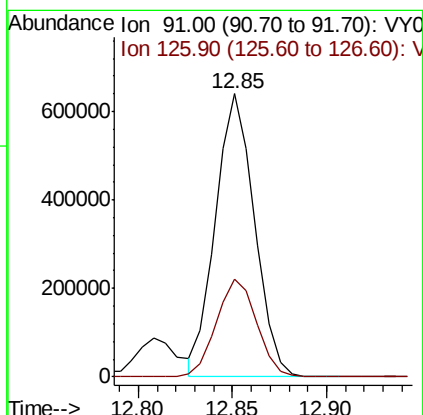
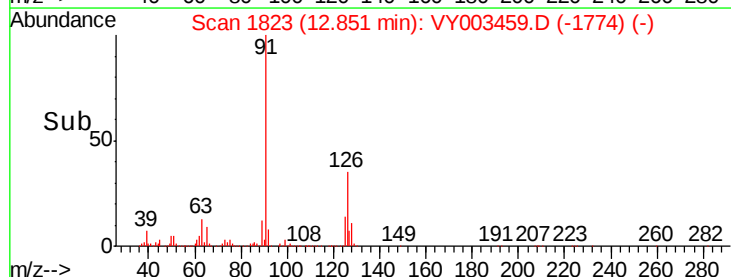
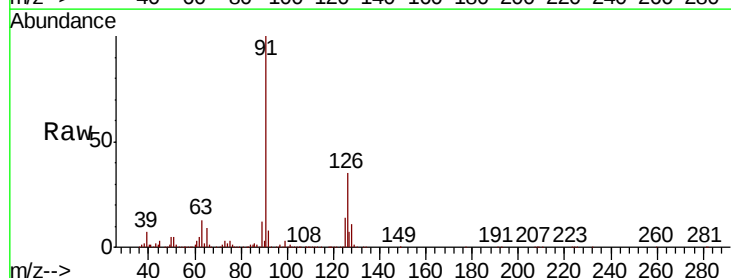
Acq: 05 Oct 2020 17:41

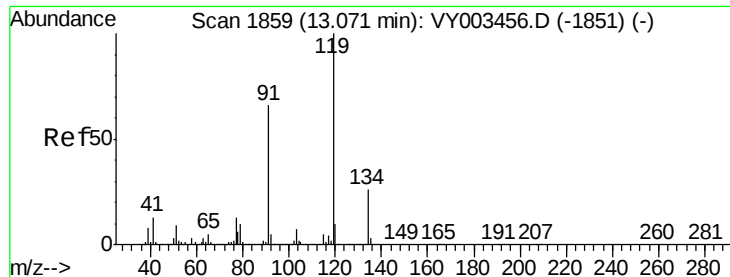
Tgt Ion: 91 Resp: 918097

Ion Ratio Lower Upper

91 100

126 35.7 18.1 54.4





#83

tert-Butylbenzene

Concen: 51.277 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

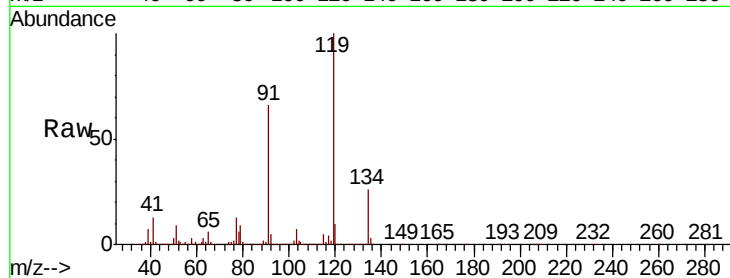
Tot Ion:119 Resp: 981989

Ion Ratio Lower Upper

119 100

91 64.3 32.5 97.4

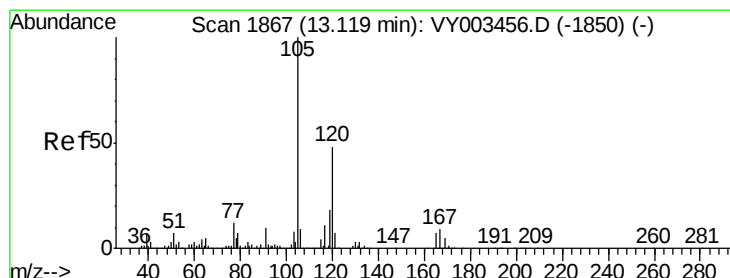
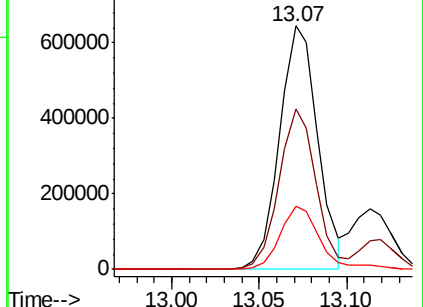
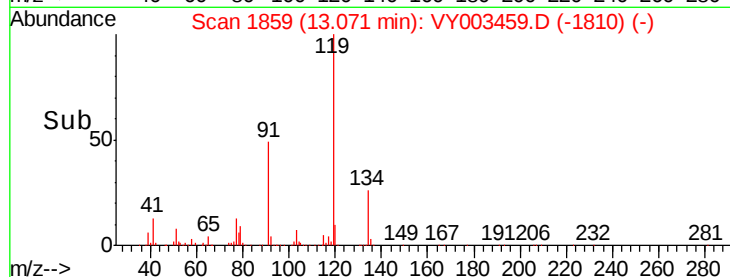
134 27.1 13.6 40.8



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: 51.595 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003459.D

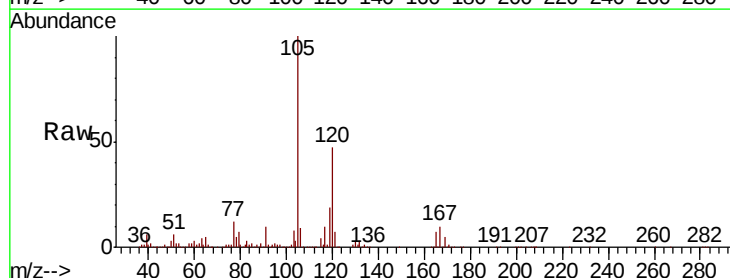
Acq: 05 Oct 2020 17:41

Tgt Ion:105 Resp: 1152029

Ion Ratio Lower Upper

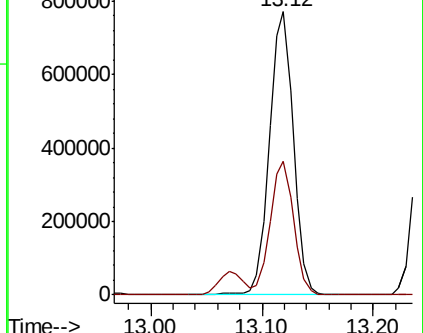
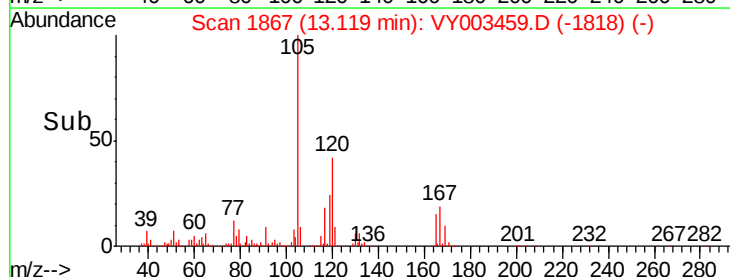
105 100

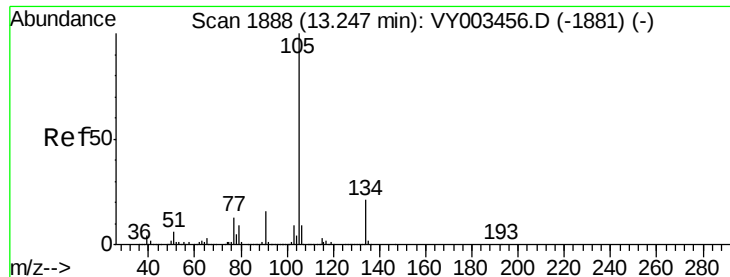
120 46.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.704 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

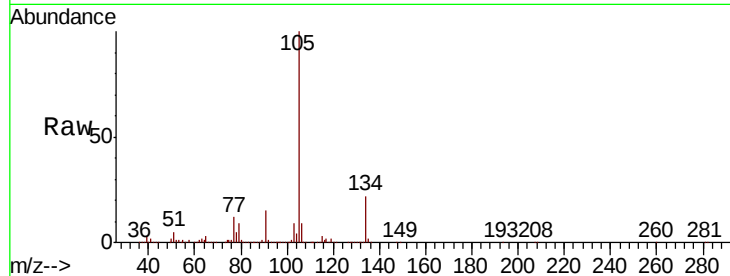
ClientSampled :

Tot Ion:105 Resp: 1370862

Ion Ratio Lower Upper

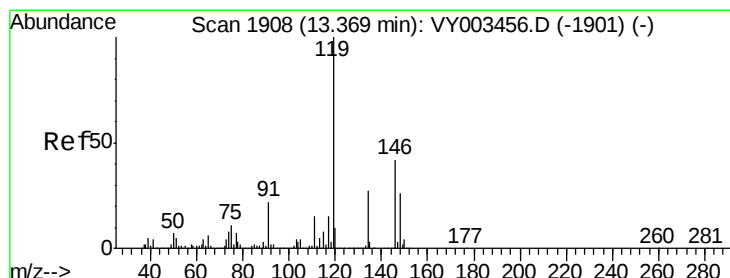
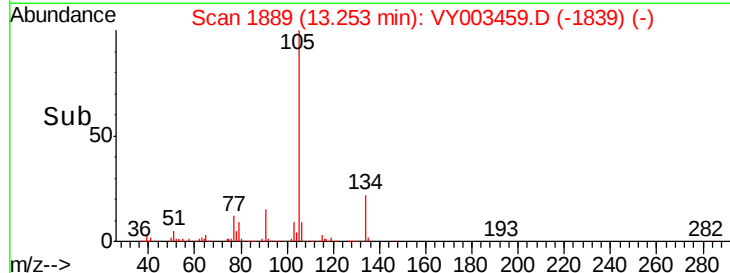
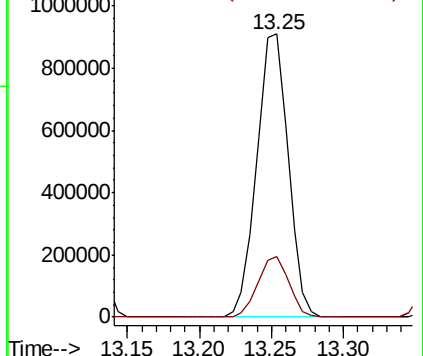
105 100

134 21.3 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: 51.364 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

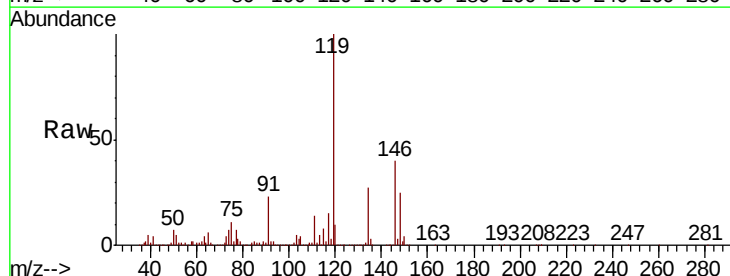
Tgt Ion:119 Resp: 1297626

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

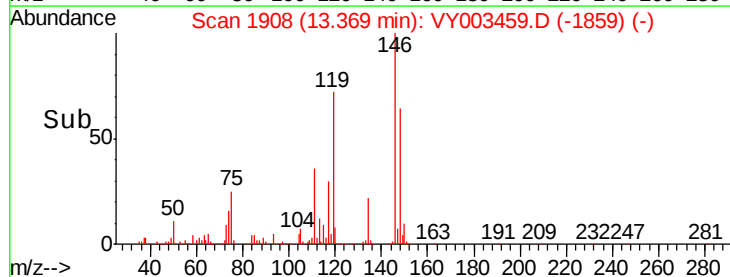
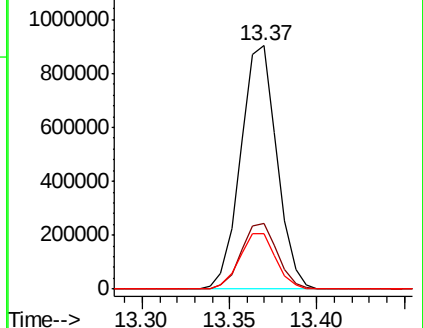
91 22.9 11.4 34.2

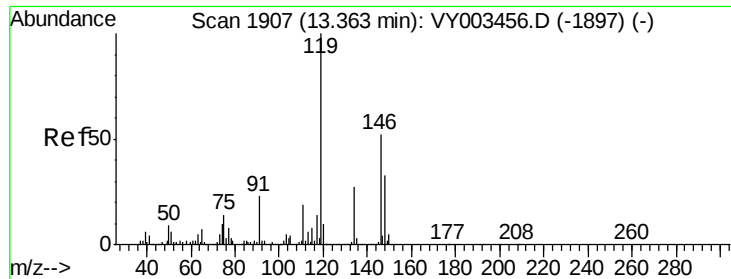


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

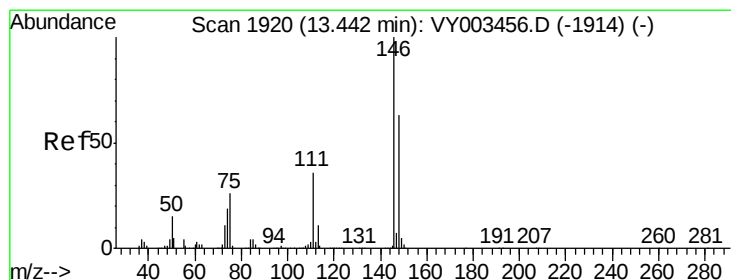
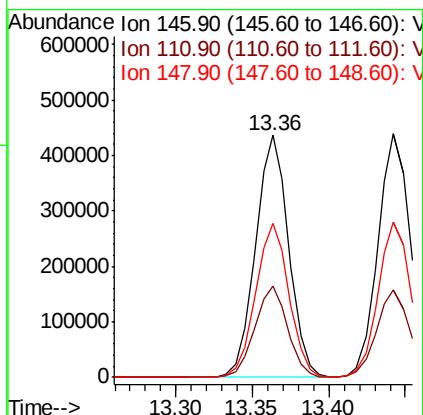
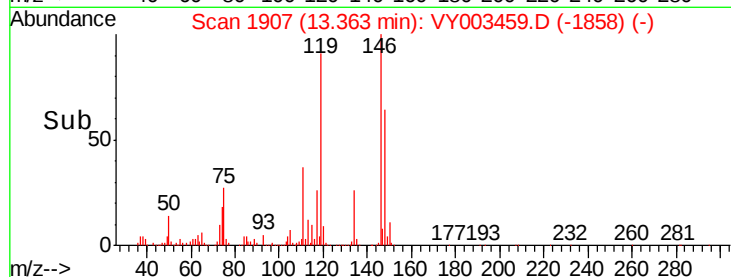
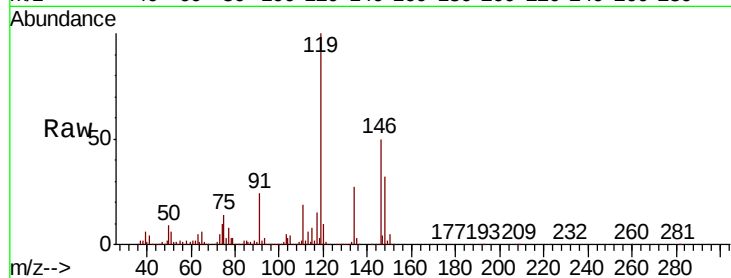




#87
 1,3-Dichlorobenzene
 Concen: 49.950 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

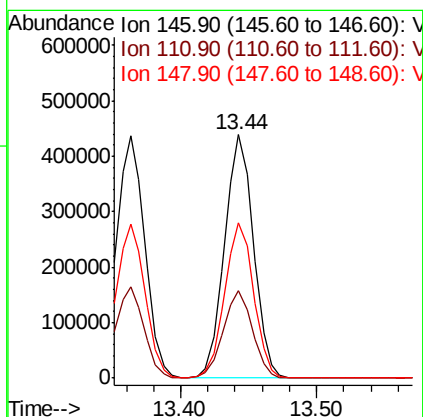
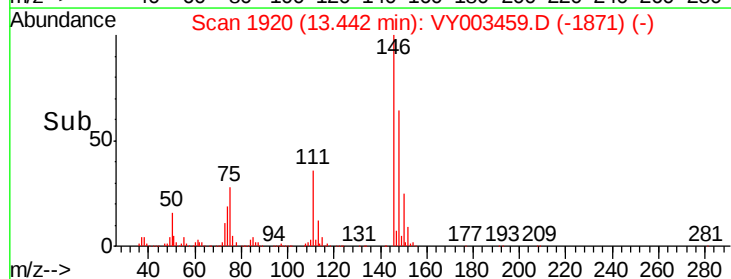
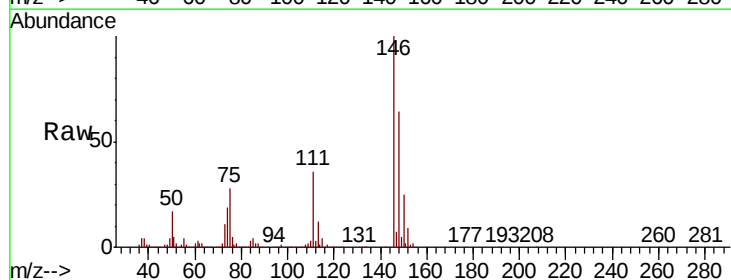
Instrument :
 MSVOA_Y
 ClientSampleId :

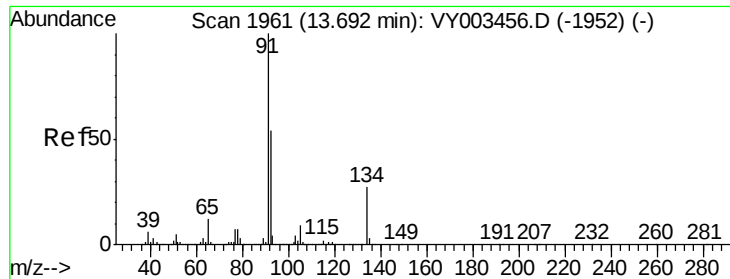
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.1	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 51.509 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampled :

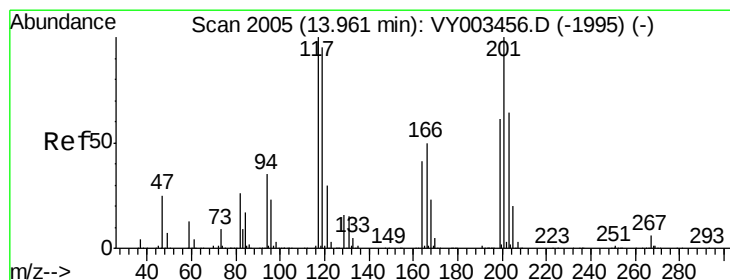
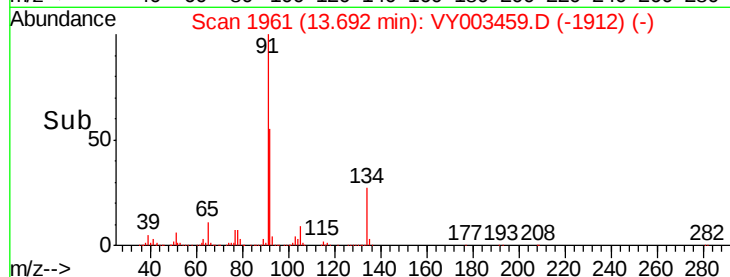
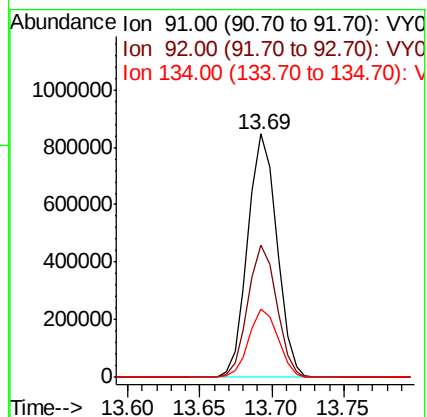
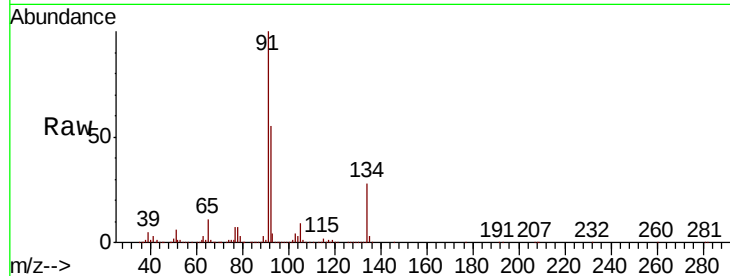
Tot Ion: 91 Resp: 1185574

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.6	79.8
134	28.0	14.1	42.4

91 100

92 54.0 26.6 79.8

134 28.0 14.1 42.4



#90

Hexachloroethane

Concen: 51.597 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY003459.D

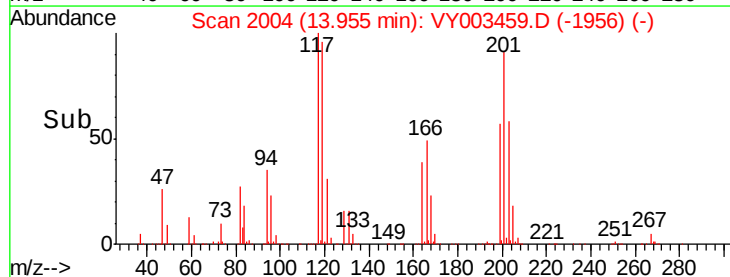
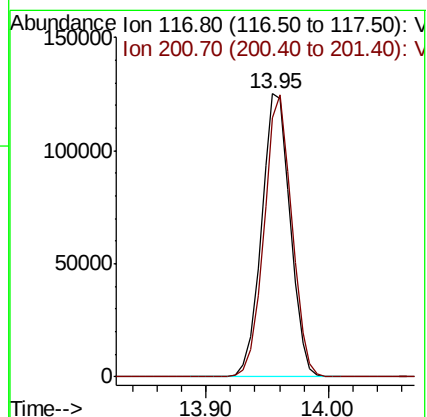
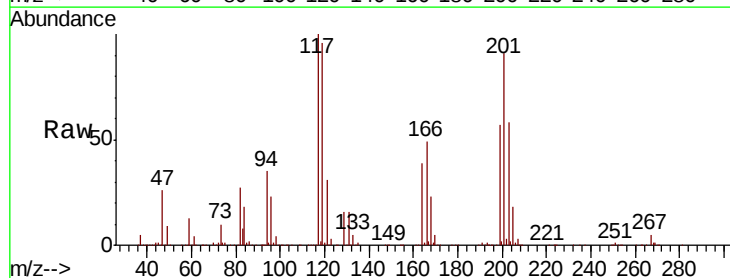
Acq: 05 Oct 2020 17:41

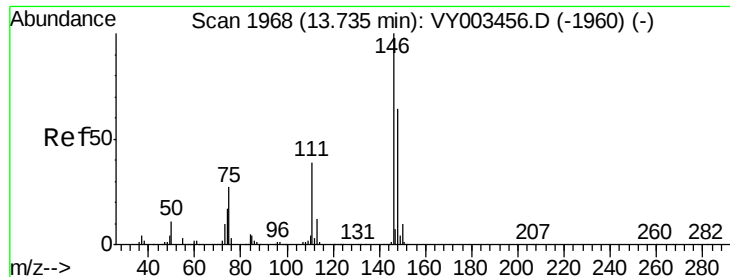
Tgt Ion: 117 Resp: 204070

Ion	Ratio	Lower	Upper
117	100		
201	95.7	48.3	144.8

117 100

201 95.7 48.3 144.8

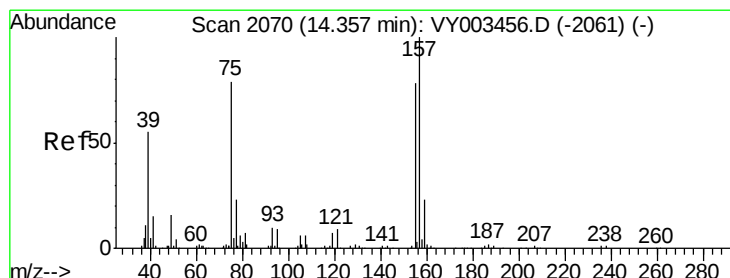
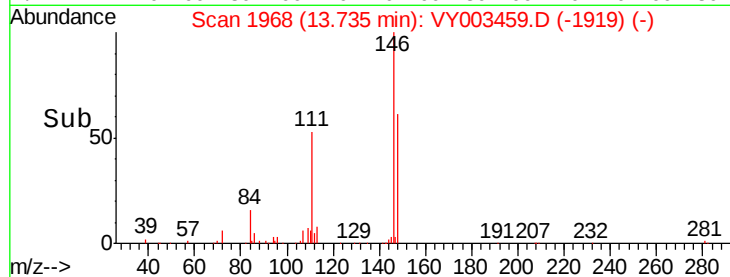
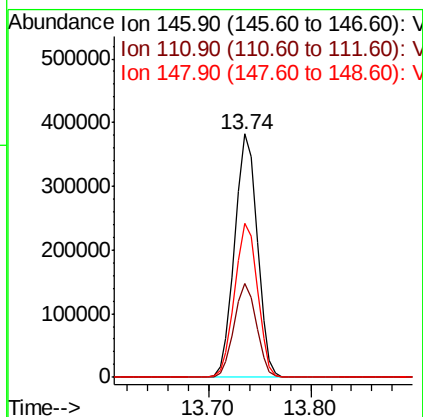
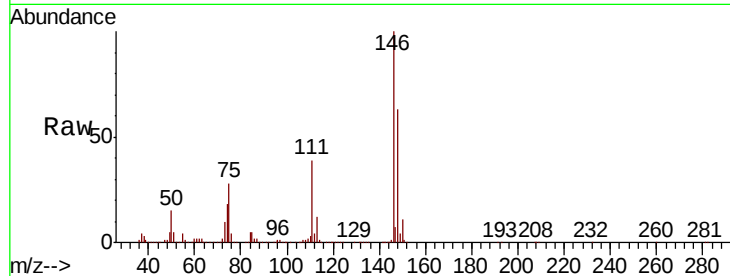




#91
 1,2-Dichlorobenzene
 Concen: 49.862 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

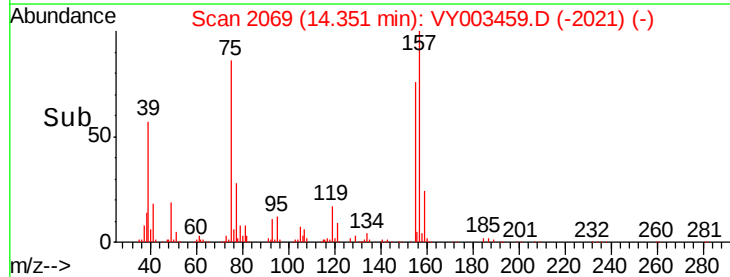
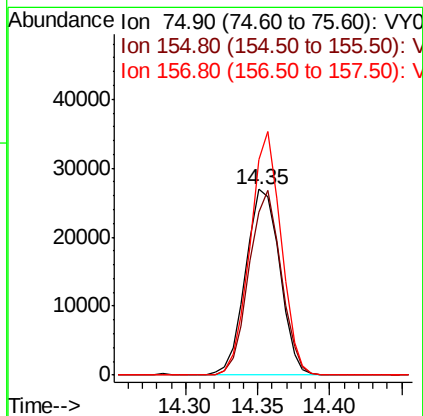
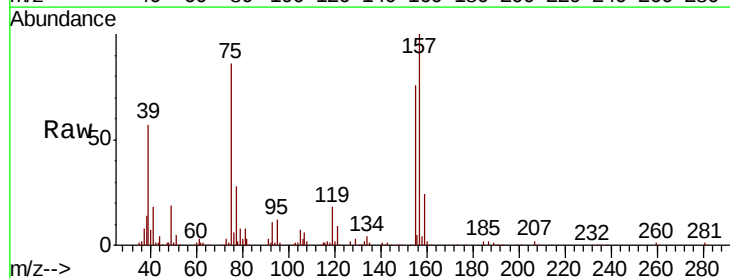
Instrument :
 MSVOA_Y
 ClientSampled :

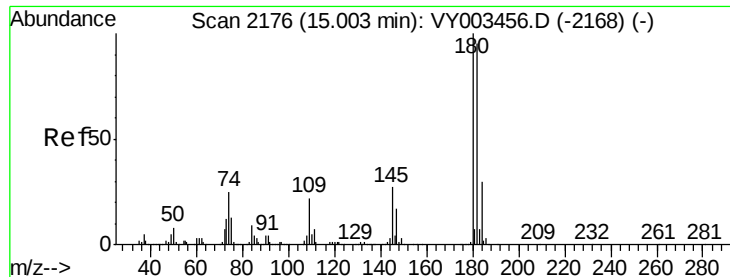
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.410 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	47.8	143.3
157	119.9	60.8	182.4

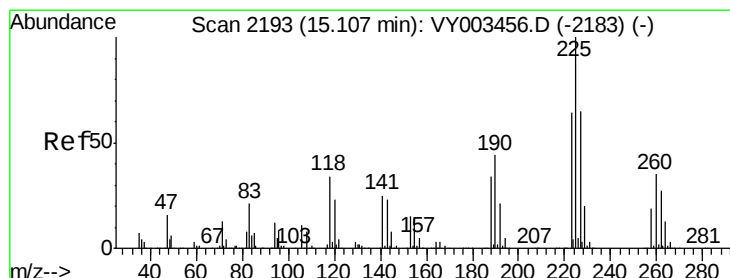
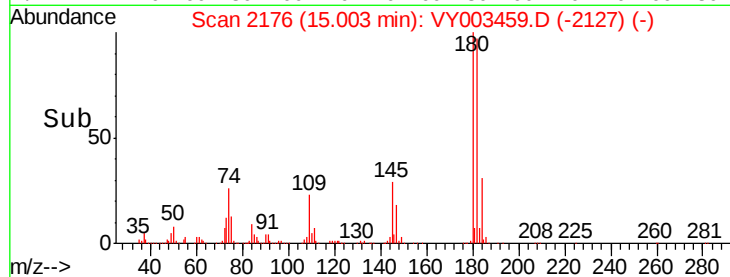
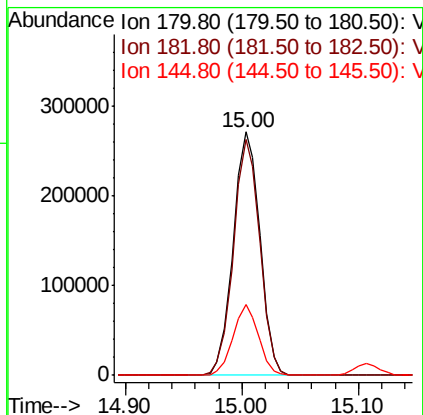
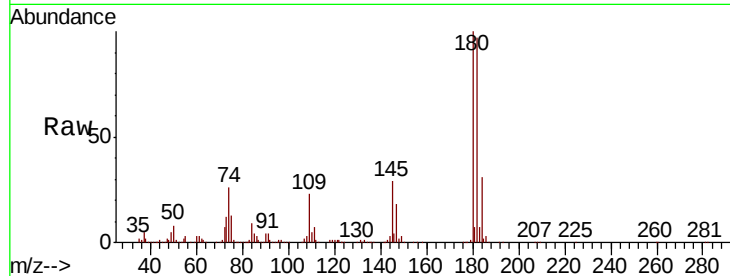




#93
 1,2,4-Trichlorobenzene
 Concen: 49.976 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

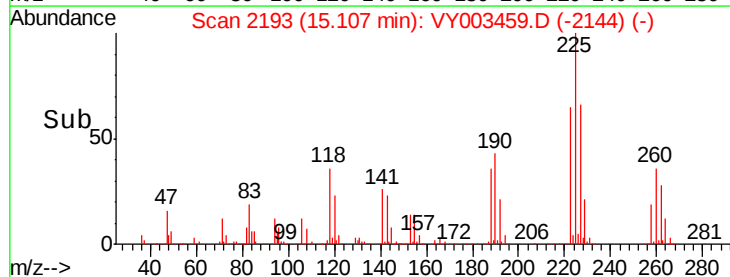
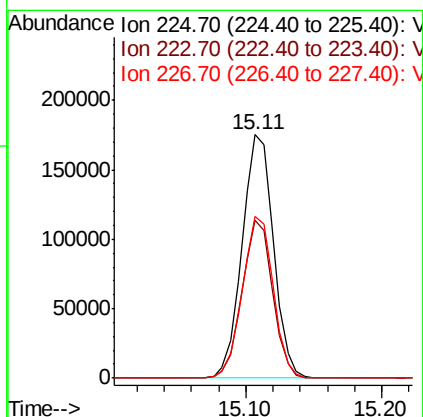
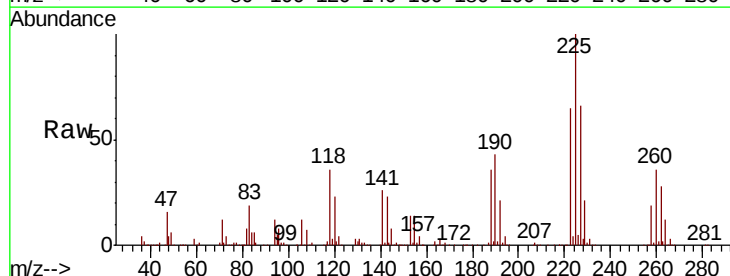
Instrument :
 MSVOA_Y
 ClientSampleId :

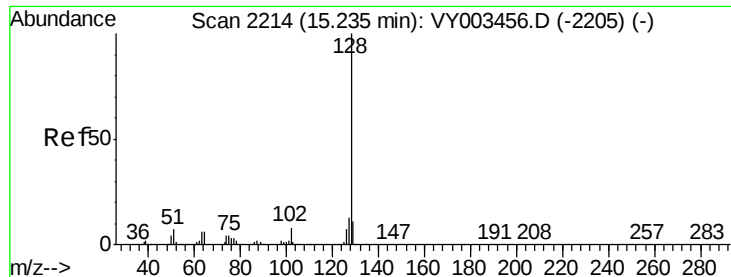
Tot Ion:180 Resp: 433801
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.0
 145 27.5 13.5 40.5



#94
 Hexachlorobutadiene
 Concen: 49.596 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion:225 Resp: 282021
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.0
 227 65.6 32.5 97.4

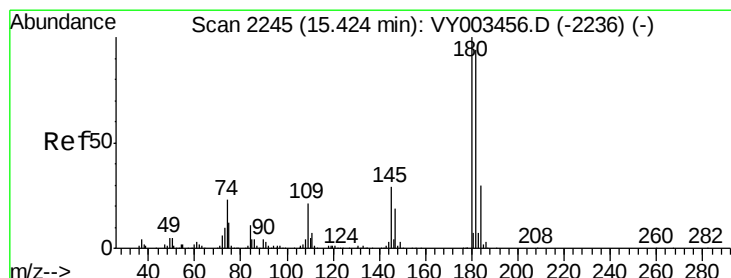
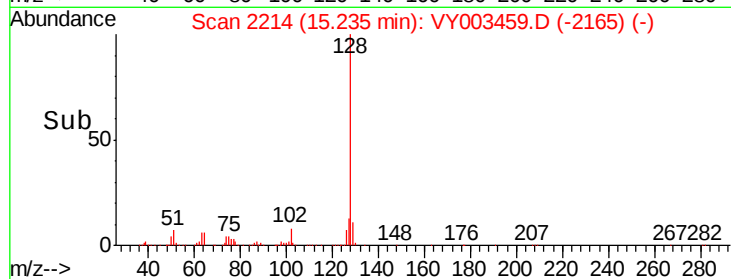
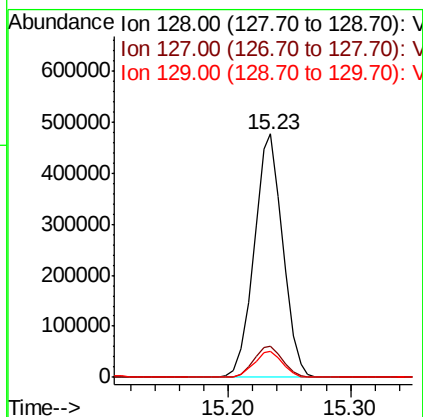
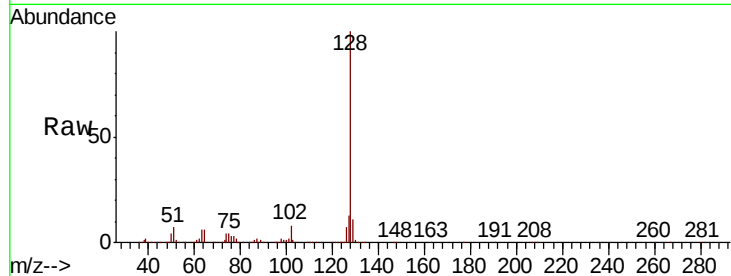




#95
Naphthalene
Concen: 50.781 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 774517
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: 49.901 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:180 Resp: 375262
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 29.2 14.4 43.4

