

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
 Data File : VY003161.D
 Acq On : 10 Jul 2020 13:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 10 13:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	499024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	711888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	649589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	328748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	568809	119.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	238.78%	
35) Dibromofluoromethane	7.72	113	572023	132.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.32%	
50) Toluene-d8	10.18	98	2060673	128.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	256.72%	
62) 4-Bromofluorobenzene	12.48	95	731484	129.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	462634	126.410	ug/l	98
3) Chloromethane	2.12	50	633576	116.479	ug/l	100
4) Vinyl Chloride	2.26	62	712154	134.932	ug/l	97
5) Bromomethane	2.63	94	549372	151.182	ug/l	99
6) Chloroethane	2.79	64	475947	140.759	ug/l	99
7) Trichlorofluoromethane	3.13	101	1017392	136.354	ug/l	100
8) Diethyl Ether	3.53	74	346576	135.666	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	628871	140.631	ug/l	100
10) Methyl Iodide	4.10	142	798904	146.399	ug/l	100
11) Tert butyl alcohol	4.97	59	300765	616.000	ug/l	99
12) 1,1-Dichloroethene	3.88	96	596903	140.292	ug/l	99
13) Acrolein	3.74	56	252716	573.747	ug/l	99
14) Allyl chloride	4.49	41	928610	127.403	ug/l	99
15) Acrylonitrile	5.18	53	860231	661.159	ug/l	100
16) Acetone	3.95	43	663284	595.290	ug/l	96
17) Carbon Disulfide	4.20	76	1839884	136.138	ug/l	99
18) Methyl Acetate	4.48	43	376032	124.205	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1706795	138.627	ug/l	97
20) Methylene Chloride	4.72	84	643344	100.007	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	680080	140.708	ug/l	95
22) Diisopropyl ether	6.13	45	2075213	132.069	ug/l	98
23) Vinyl Acetate	6.07	43	6995986	669.041	ug/l	99
24) 1,1-Dichloroethane	6.02	63	1168909	135.215	ug/l	100
25) 2-Butanone	6.99	43	1146127	643.625	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1044689	133.061	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	760138	140.510	ug/l	99
28) Bromochloromethane	7.34	49	487717	128.541	ug/l	100
29) Tetrahydrofuran	7.35	42	773959	652.415	ug/l	99
30) Chloroform	7.52	83	1178664	137.008	ug/l	100
31) Cyclohexane	7.78	56	1062162	124.843	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	1080194	137.840	ug/l	99
36) 1,1-Dichloropropene	7.93	75	946689	140.380	ug/l	100
37) Ethyl Acetate	7.08	43	527502	132.789	ug/l	98
38) Carbon Tetrachloride	7.91	117	993007	141.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1208230	144.514	ug/l	98
40) Benzene	8.16	78	2620718	141.881	ug/l	96
41) Methacrylonitrile	7.35	41	710644	335.700	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	790583	136.219	ug/l	100
43) Isopropyl Acetate	8.28	43	1007309	133.316	ug/l	99
44) Trichloroethene	8.94	130	788002	145.532	ug/l	98
45) 1,2-Dichloropropane	9.22	63	677274	136.886	ug/l	100
46) Dibromomethane	9.31	93	394189	141.799	ug/l	100
47) Bromodichloromethane	9.50	83	954696	140.932	ug/l	99
48) Methyl methacrylate	9.30	41	465158	135.244	ug/l	98
49) 1,4-Dioxane	9.30	88	104912	3055.938	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	2628564	671.741	ug/l	100
52) Toluene	10.24	92	1692681	145.068	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	1004993	141.742	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	1142623	140.914	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	559099	145.248	ug/l	98
56) Ethyl methacrylate	10.51	69	805682	145.420	ug/l	99
57) 1,3-Dichloropropane	10.79	76	943741	139.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1975736	703.396	ug/l	99
59) 2-Hexanone	10.83	43	1831025	670.262	ug/l	100
60) Dibromochloromethane	10.99	129	714430	144.675	ug/l	99
61) 1,2-Dibromoethane	11.09	107	548354	143.939	ug/l	99
64) Tetrachloroethene	10.72	164	839513	153.361	ug/l	99
65) Chlorobenzene	11.52	112	1846609	145.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	738154	149.881	ug/l	100
67) Ethyl Benzene	11.59	91	3416352	147.886	ug/l	100
68) m/p-Xylenes	11.70	106	2575451	299.706	ug/l	100
69) o-Xylene	12.03	106	1206956	148.915	ug/l	99
70) Styrene	12.04	104	2105186	151.986	ug/l	100
71) Bromoform	12.20	173	480538	146.845	ug/l	100
73) Isopropylbenzene	12.33	105	3268006	153.599	ug/l	100
74) N-amyl acetate	12.14	43	929755	137.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	609216	143.055	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	845309	267.473	ug/l #	100
77) Bromobenzene	12.61	156	823552	151.144	ug/l	99
78) n-propylbenzene	12.67	91	3807910	149.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	2106379	147.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2680461	150.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	239307	147.163	ug/l	96
82) 4-Chlorotoluene	12.85	91	2200077	148.433	ug/l	99
83) tert-Butylbenzene	13.07	119	2367599	151.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2685905	149.422	ug/l	98
85) sec-Butylbenzene	13.25	105	3184471	147.566	ug/l	100
86) p-Isopropyltoluene	13.37	119	3045396	152.107	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1544676	151.802	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1474743	147.006	ug/l	99
89) n-Butylbenzene	13.69	91	2786280	145.850	ug/l	100
90) Hexachloroethane	13.96	117	571459	145.307	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	1313929	144.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	93675	127.064	ug/l	98

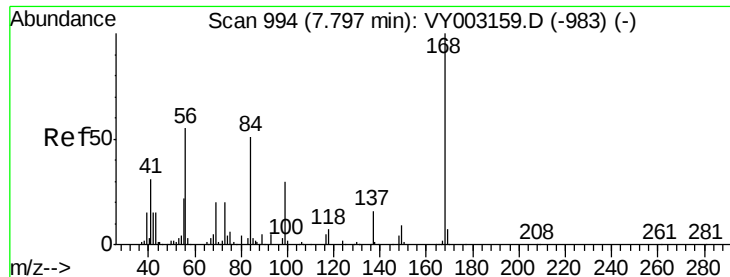
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY071020\
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	913169	136.107	ug/l	99
94) Hexachlorobutadiene	15.11	225	615238	143.673	ug/l	99
95) Naphthalene	15.23	128	1567063	130.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	725416	126.767	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: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

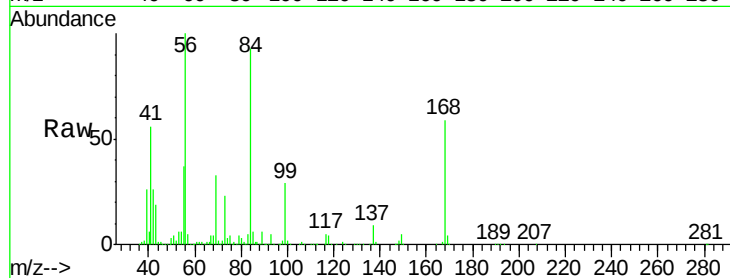
VSTDIC150

Tgt Ion:168 Resp: 499024

Ion Ratio Lower Upper

168 100

99 48.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003161.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003161.D (-945) (-)

300000

250000

200000

150000

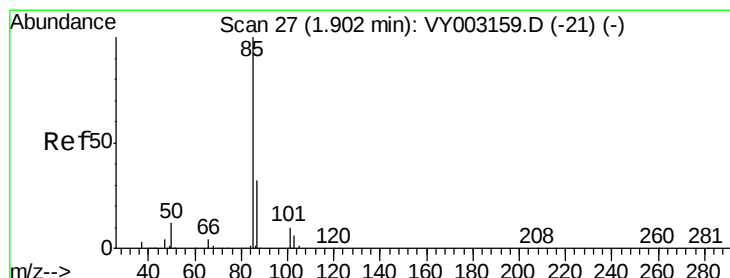
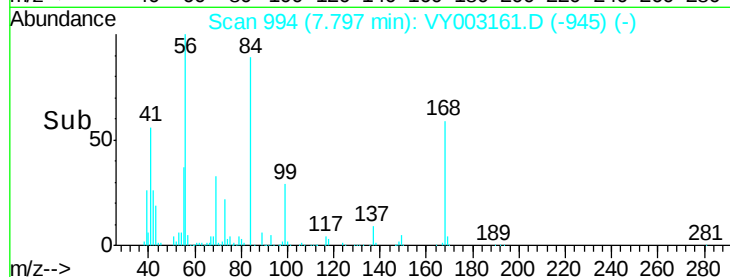
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 126.410 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003161.D

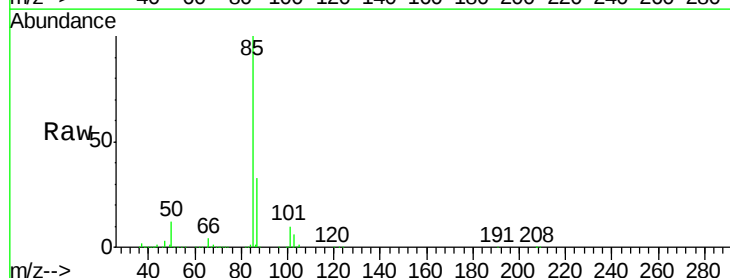
Acq: 10 Jul 2020 13:02

Tgt Ion: 85 Resp: 462634

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003161.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003161.D (-1) (-)

300000

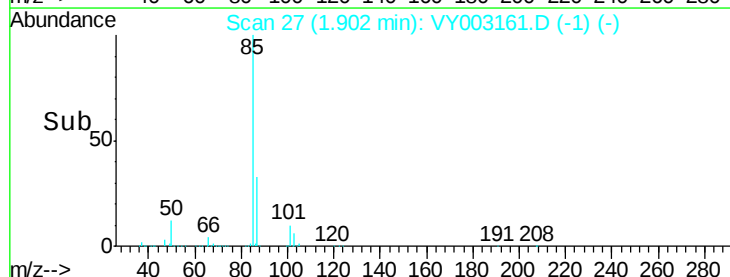
200000

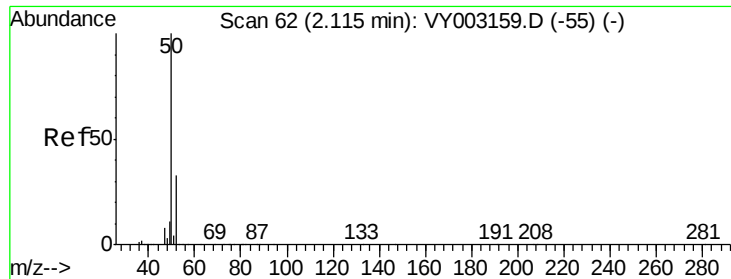
100000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 116.479 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

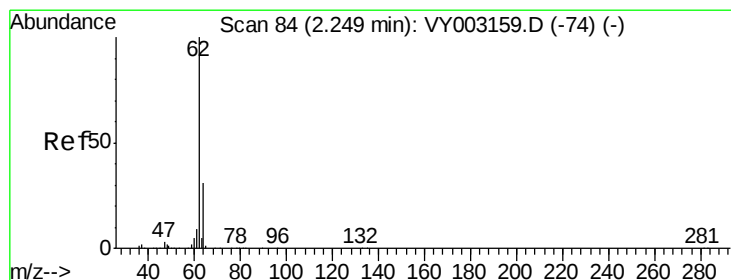
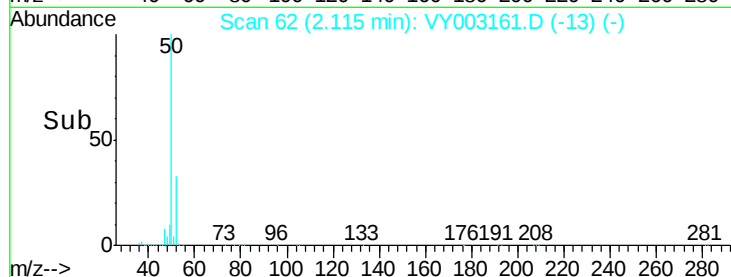
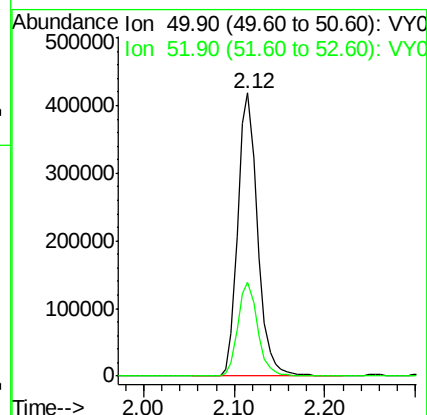
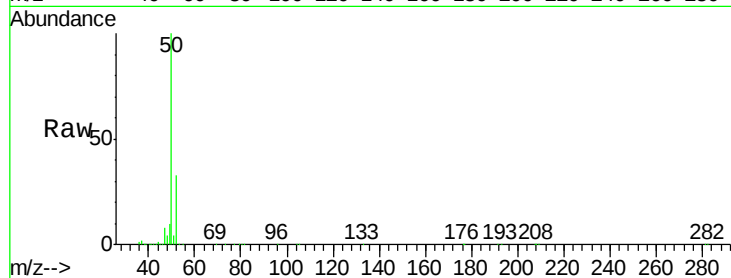
VSTDIC150

Tgt Ion: 50 Resp: 633576

Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



#4

Vinyl Chloride

Concen: 134.932 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003161.D

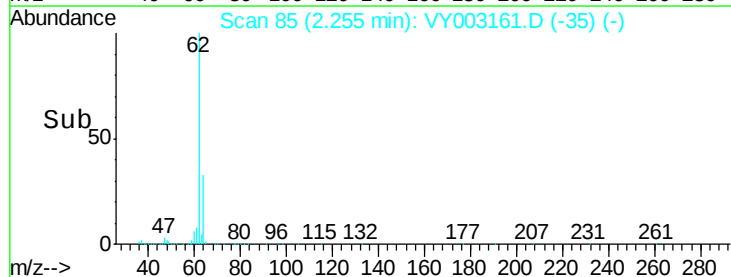
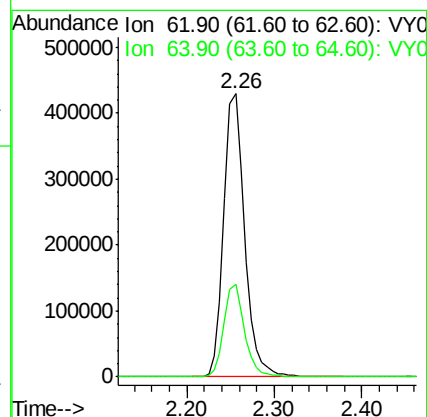
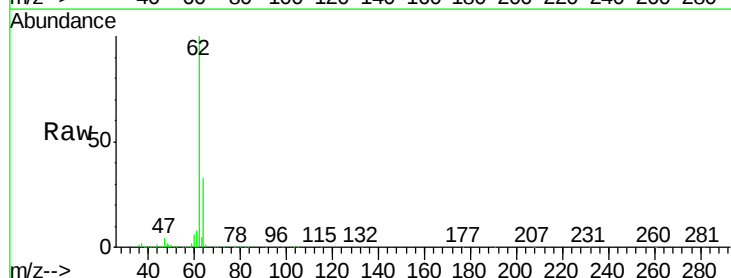
Acq: 10 Jul 2020 13:02

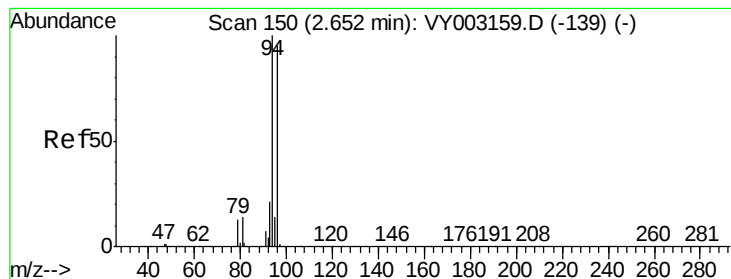
Tgt Ion: 62 Resp: 712154

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0





#5

Bromomethane

Concen: 151.182 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

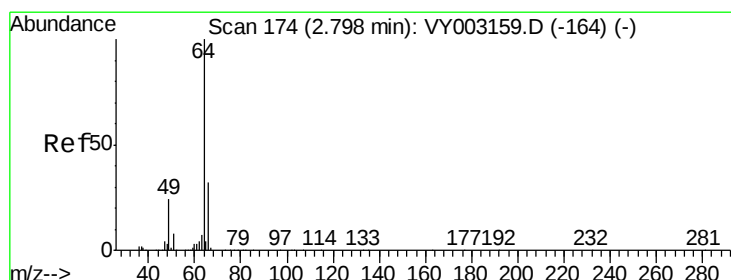
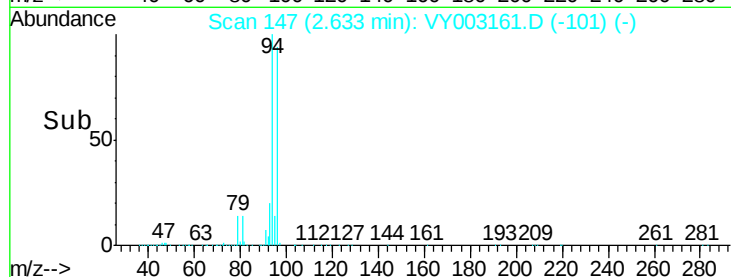
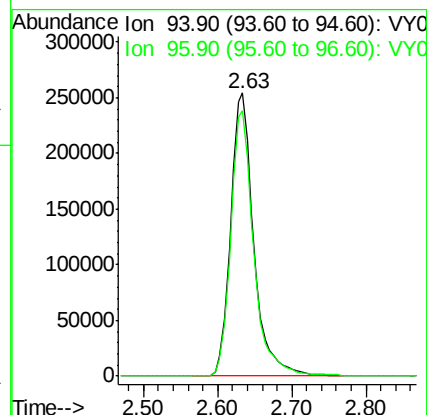
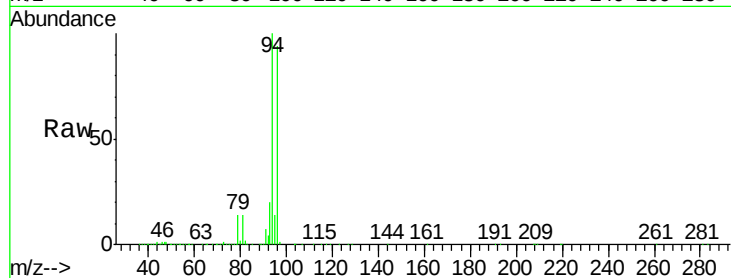
VSTDIC150

Tgt Ion: 94 Resp: 549372

Ion Ratio Lower Upper

94 100

96 93.9 76.0 114.0



#6

Chloroethane

Concen: 140.759 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY003161.D

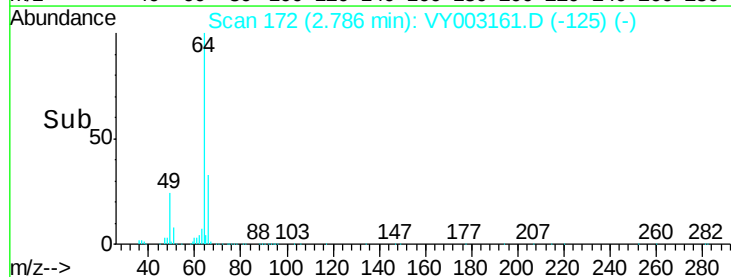
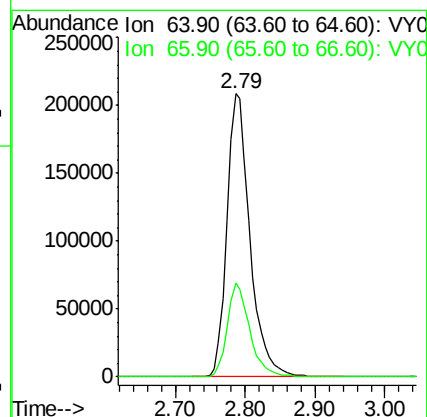
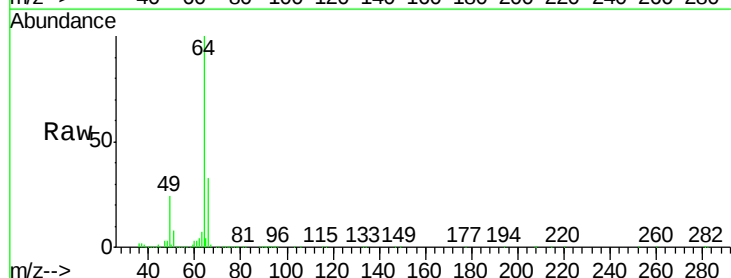
Acq: 10 Jul 2020 13:02

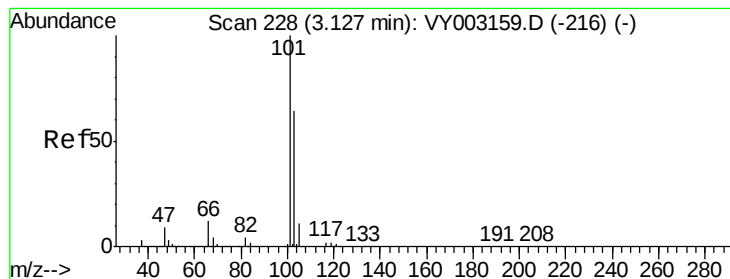
Tgt Ion: 64 Resp: 475947

Ion Ratio Lower Upper

64 100

66 33.0 26.0 39.0



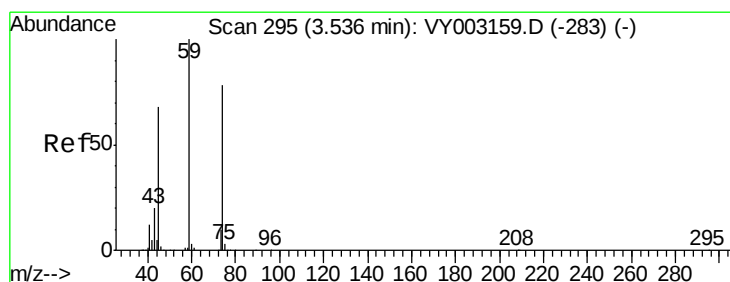
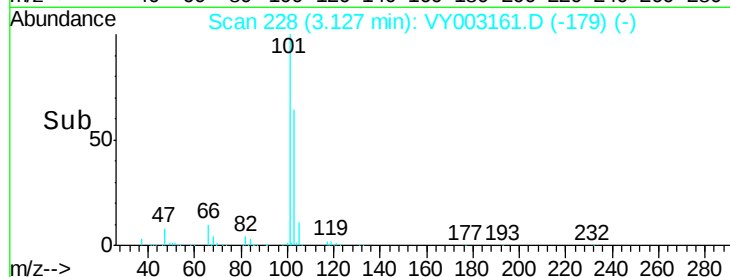
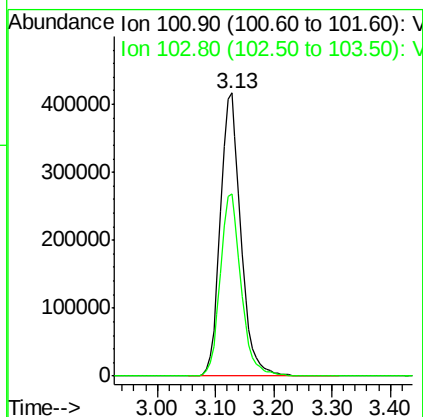
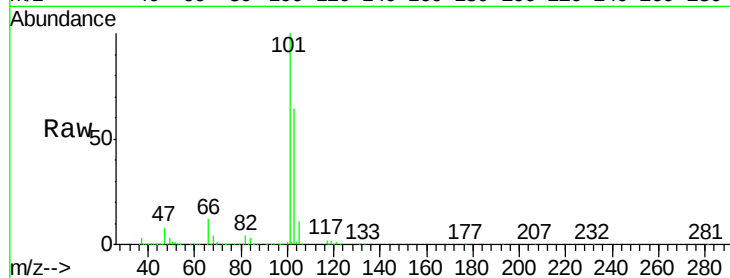


#7

Trichlorofluoromethane
 Concen: 136.354 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

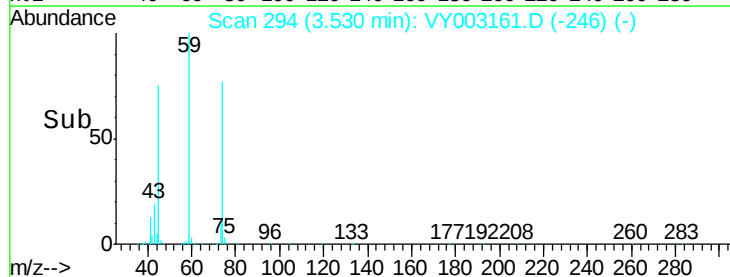
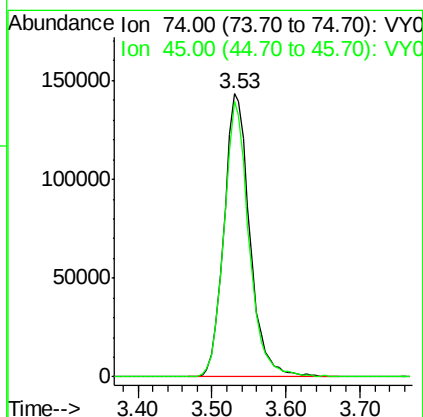
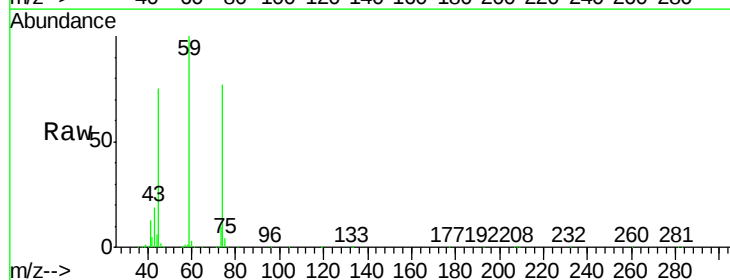
Tgt Ion:101 Resp: 1017392
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.3 76.9

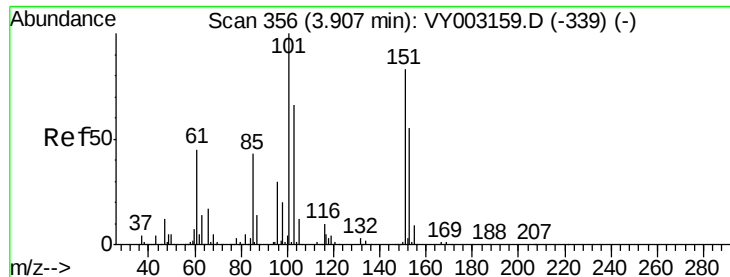


#8

Diethyl Ether
 Concen: 135.666 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 74 Resp: 346576
 Ion Ratio Lower Upper
 74 100
 45 93.9 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.631 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

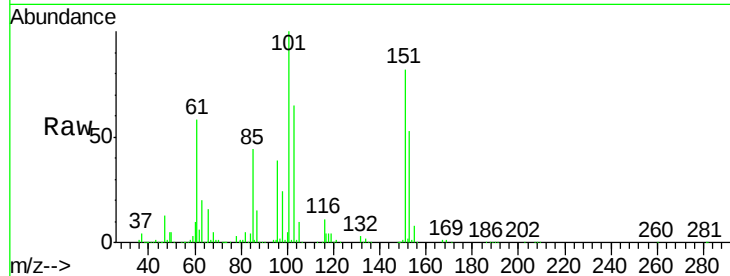
Tgt Ion:101 Resp: 628871

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

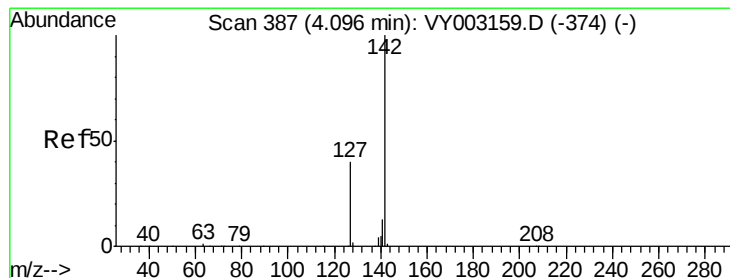
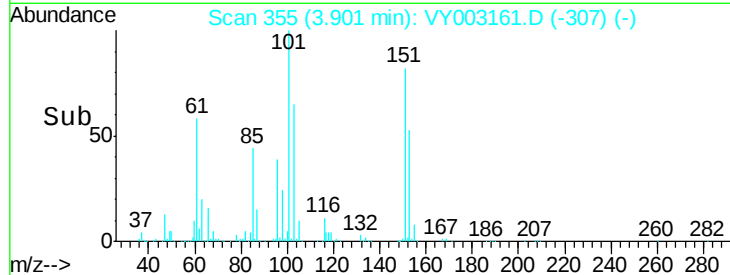
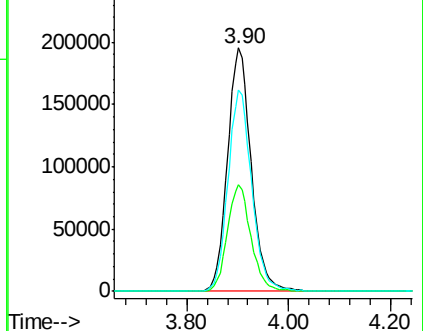
151 83.2 67.0 100.6



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: 146.399 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

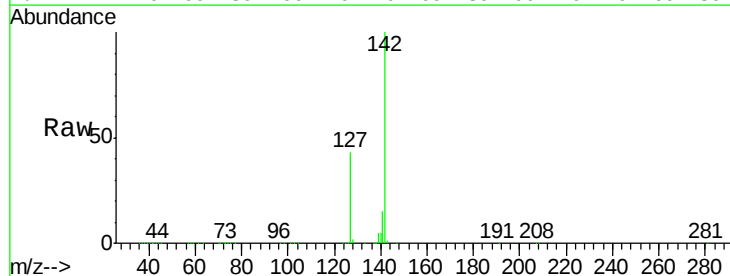
Tgt Ion:142 Resp: 798904

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

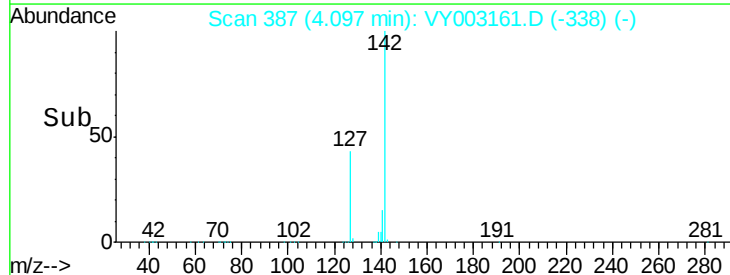
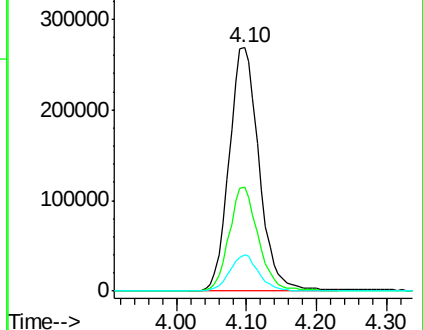
141 14.3 11.2 16.8

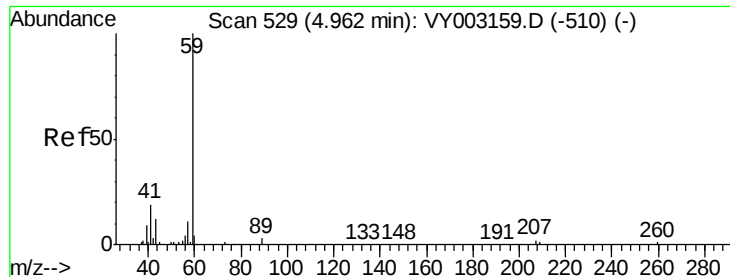


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

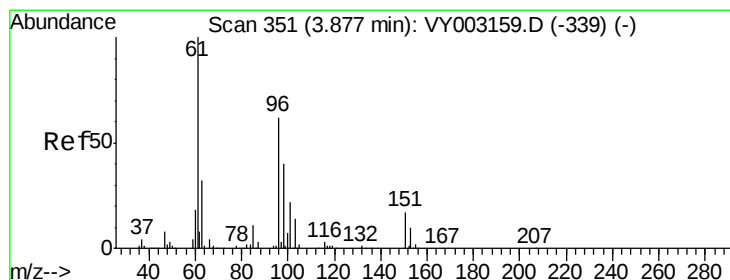
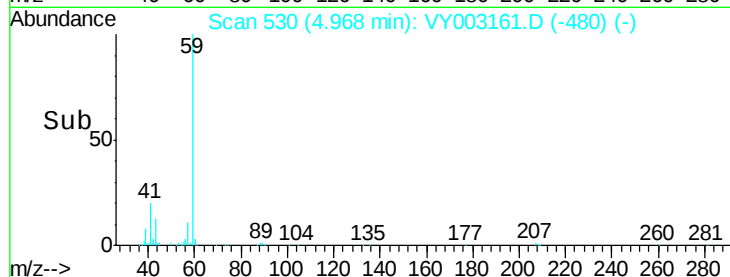
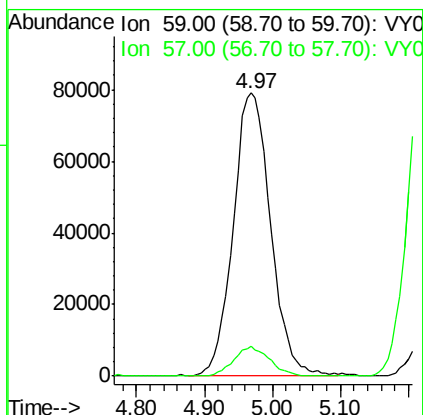
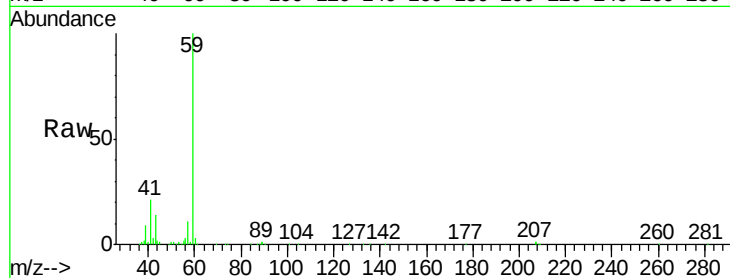




#11
Tert butyl alcohol
Concen: 616.000 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

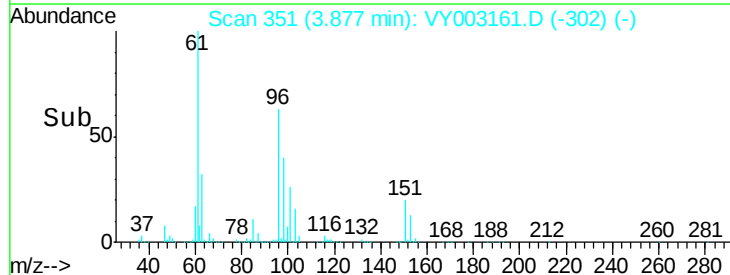
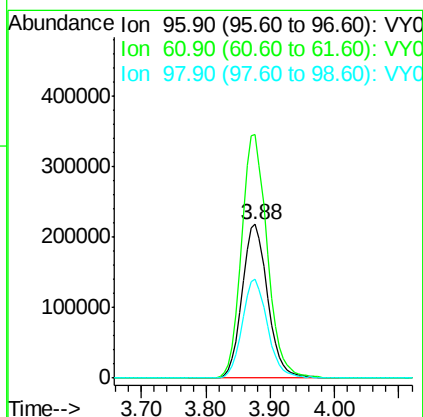
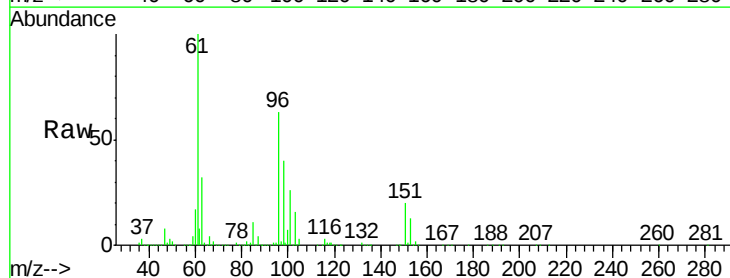
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

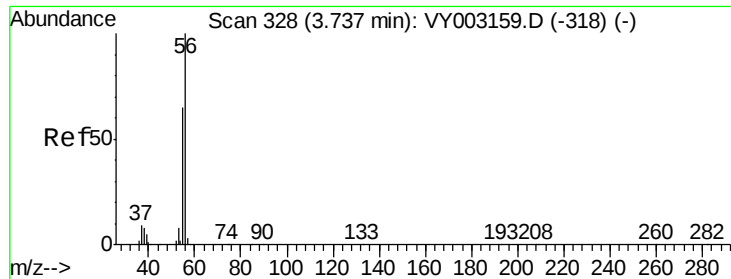
Tgt Ion: 59 Resp: 300765
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 140.292 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 96 Resp: 596903
Ion Ratio Lower Upper
96 100
61 158.7 128.6 193.0
98 64.2 51.6 77.4





#13

Acrolein

Concen: 573.747 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

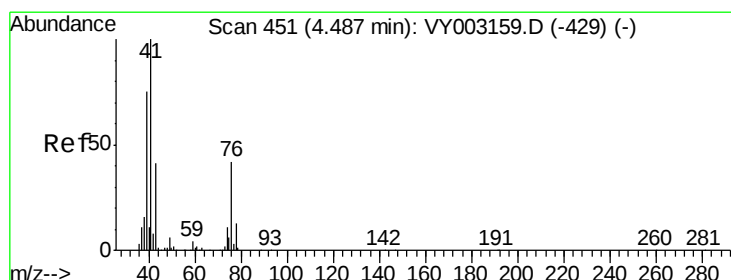
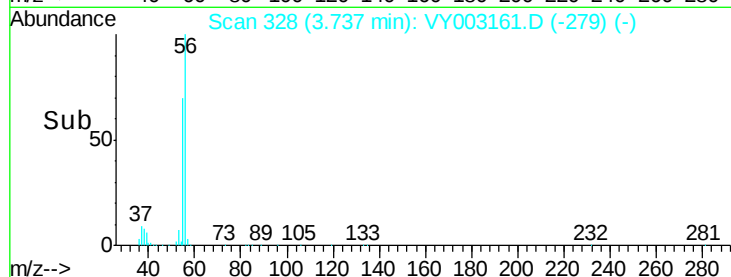
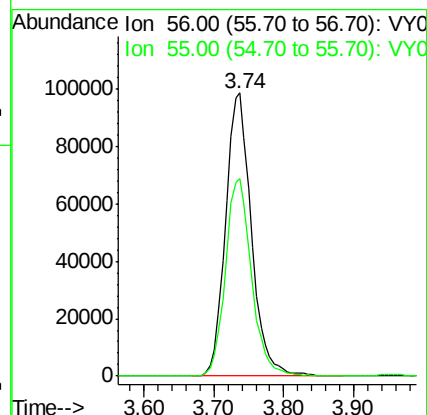
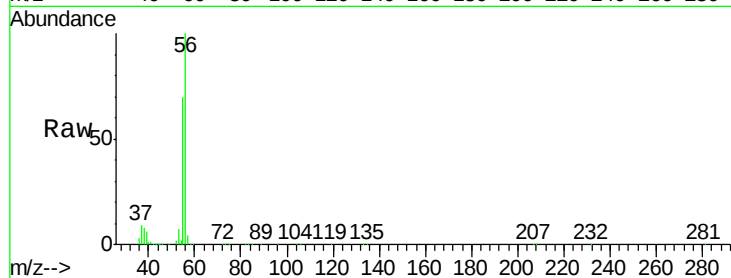
VSTDIC150

Tgt Ion: 56 Resp: 252716

Ion Ratio Lower Upper

56 100

55 70.6 56.0 84.0



#14

Allyl chloride

Concen: 127.403 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

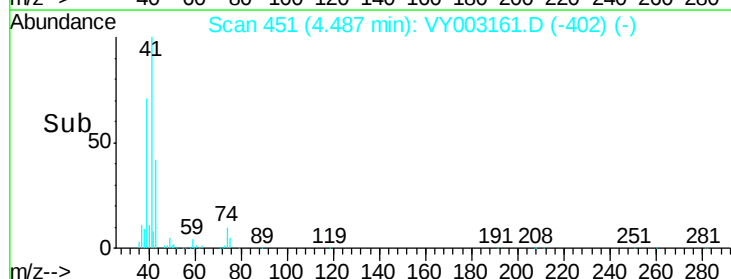
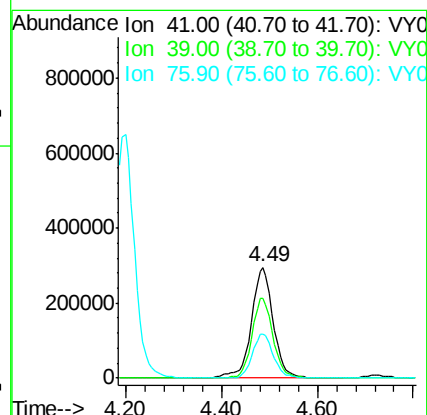
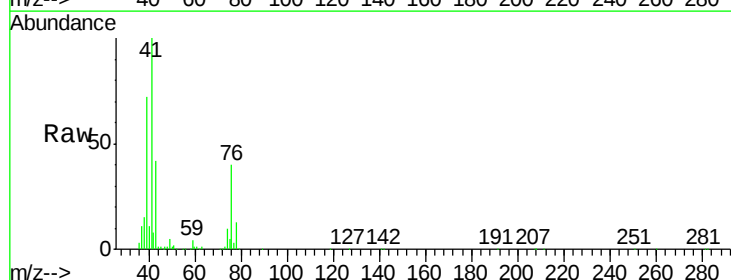
Tgt Ion: 41 Resp: 928610

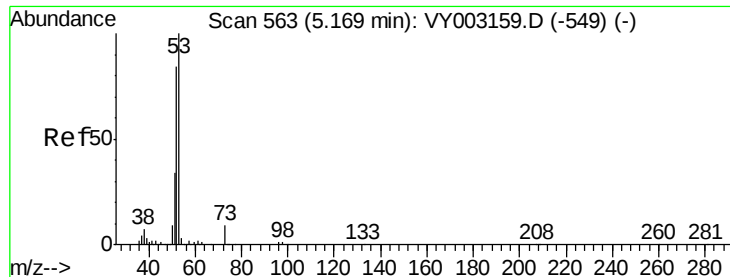
Ion Ratio Lower Upper

41 100

39 70.2 56.6 85.0

76 38.4 31.6 47.4





#15

Acrylonitrile

Concen: 661.159 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

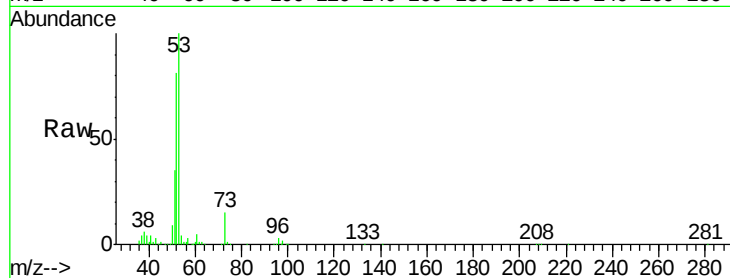
Tgt Ion: 53 Resp: 860231

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.6

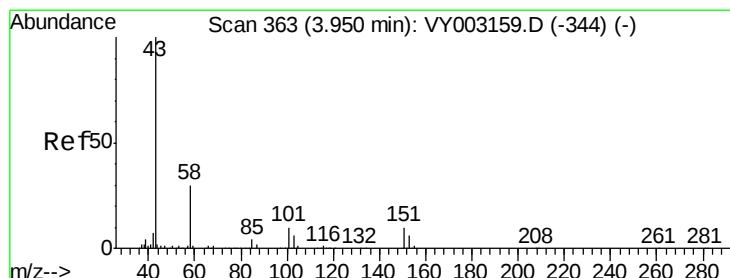
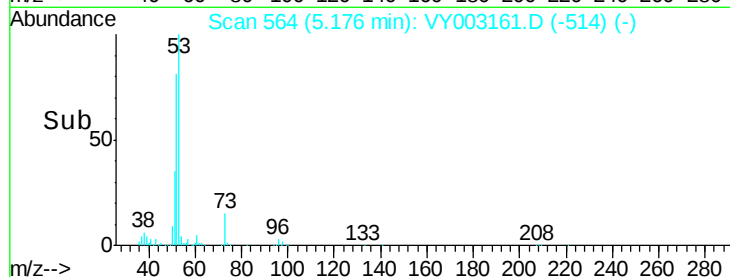
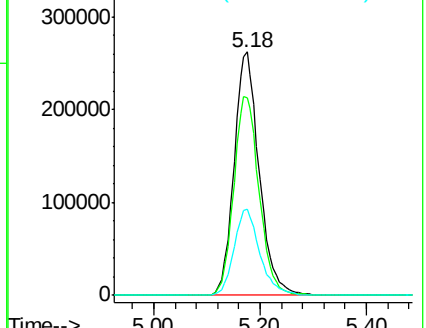
51 36.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 595.290 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003161.D

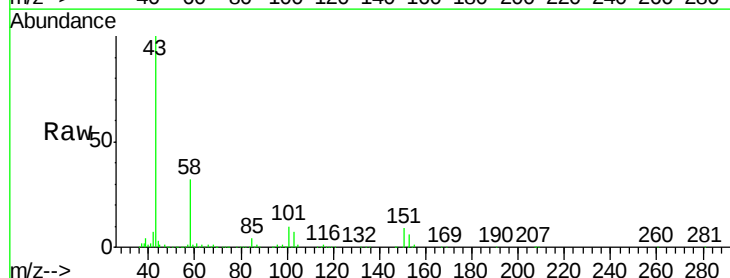
Acq: 10 Jul 2020 13:02

Tgt Ion: 43 Resp: 663284

Ion Ratio Lower Upper

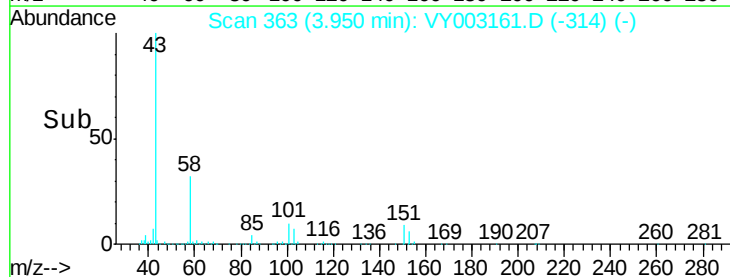
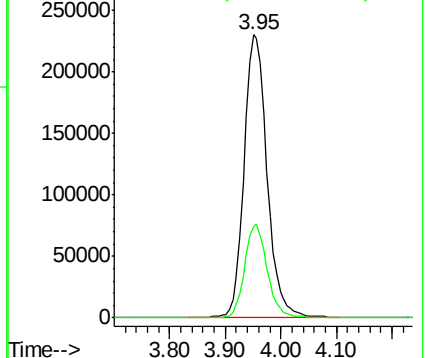
43 100

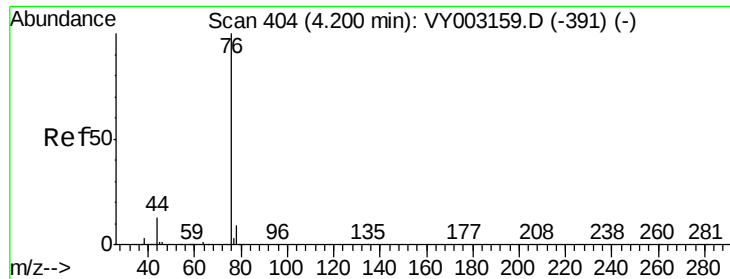
58 32.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 136.138 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

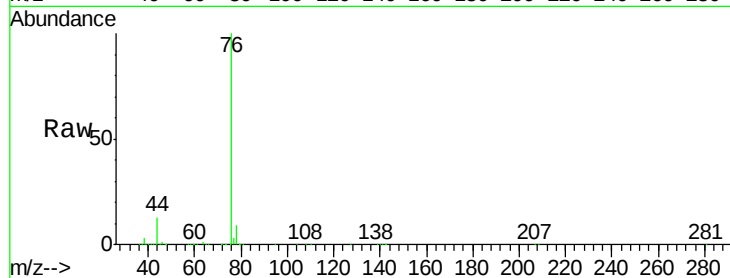
VSTDIC150

Tgt Ion: 76 Resp: 1839884

Ion Ratio Lower Upper

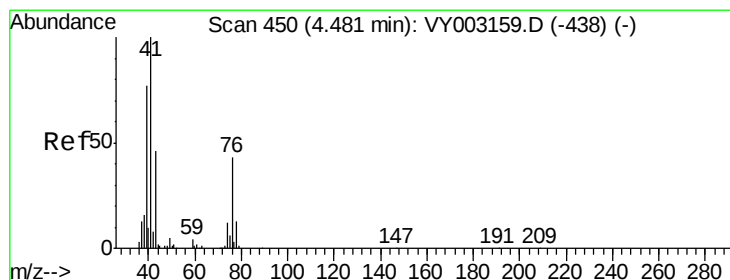
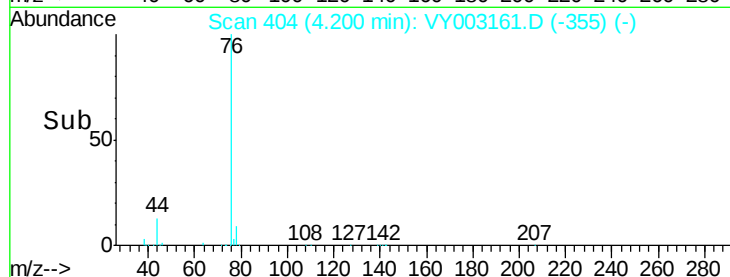
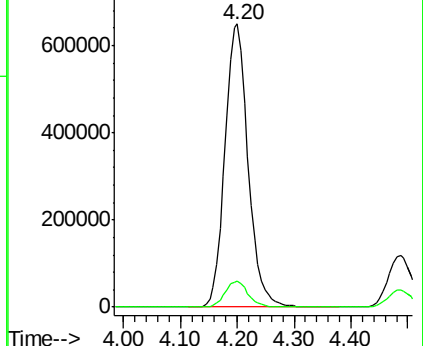
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 124.205 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003161.D

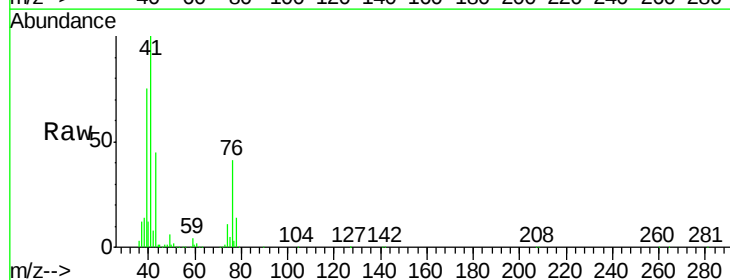
Acq: 10 Jul 2020 13:02

Tgt Ion: 43 Resp: 376032

Ion Ratio Lower Upper

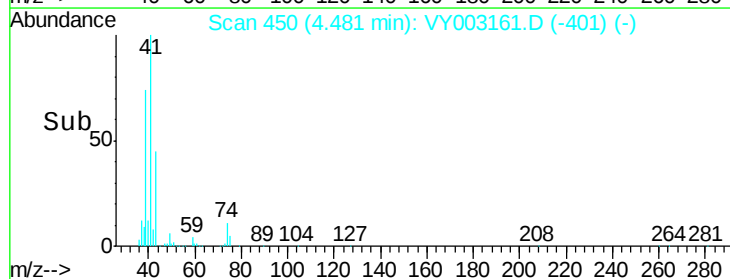
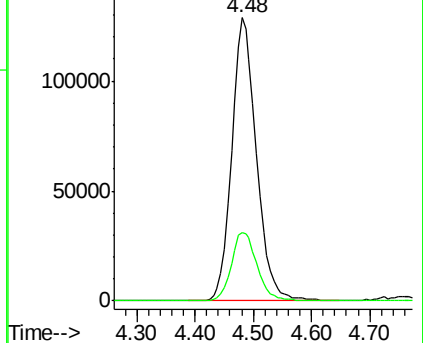
43 100

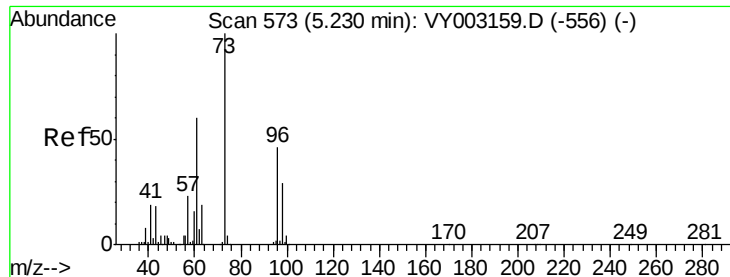
74 25.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

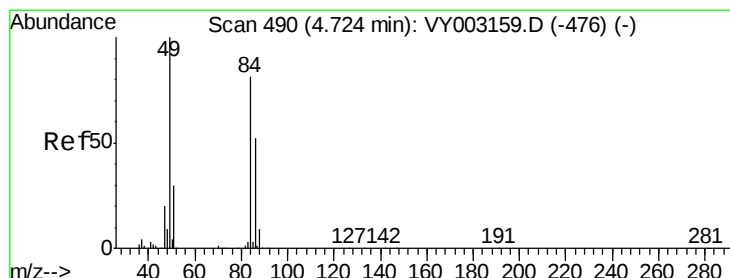
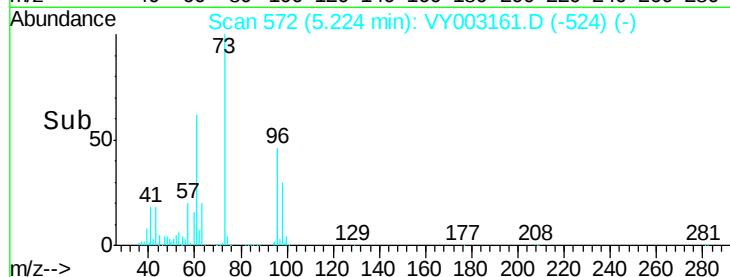
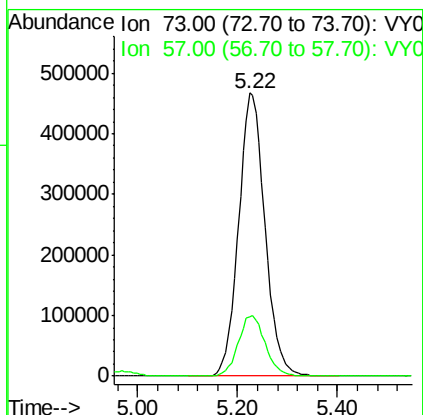
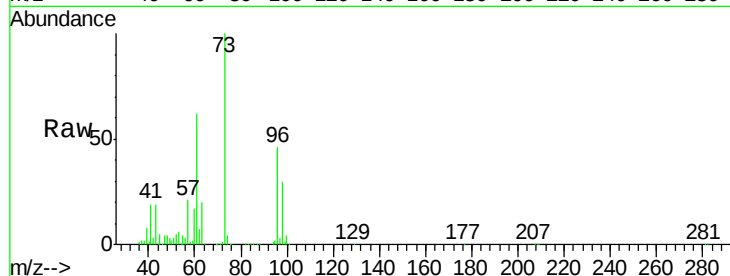




#19
Methyl tert-butyl Ether
Concen: 138.627 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

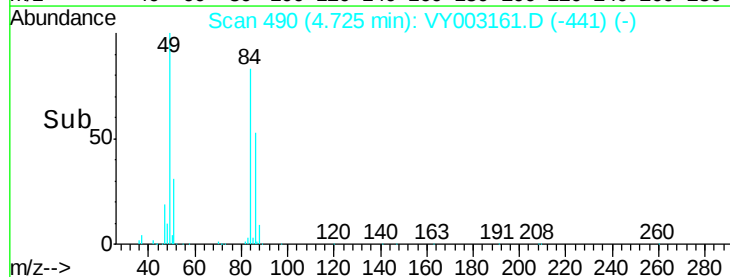
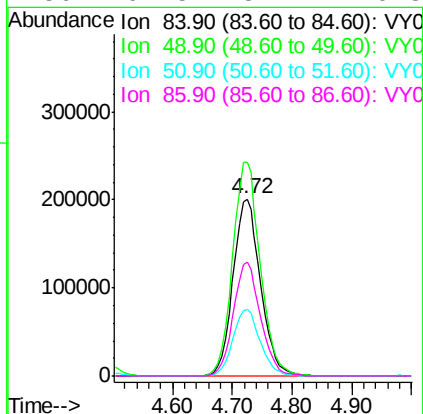
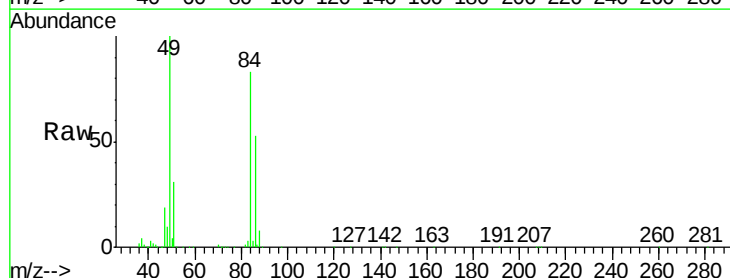
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

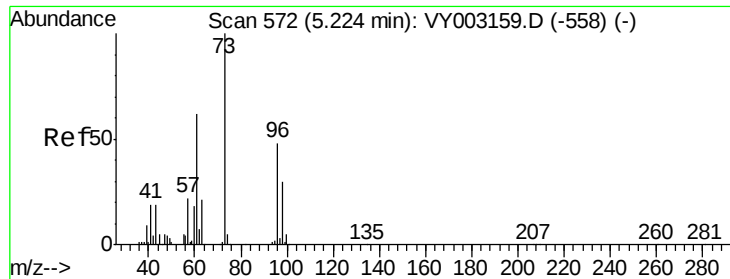
Tgt Ion: 73 Resp: 1706795
Ion Ratio Lower Upper
73 100
57 21.0 18.1 27.1



#20
Methylene Chloride
Concen: 100.007 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 84 Resp: 643344
Ion Ratio Lower Upper
84 100
49 120.6 98.2 147.4
51 37.3 29.8 44.6
86 64.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 140.708 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

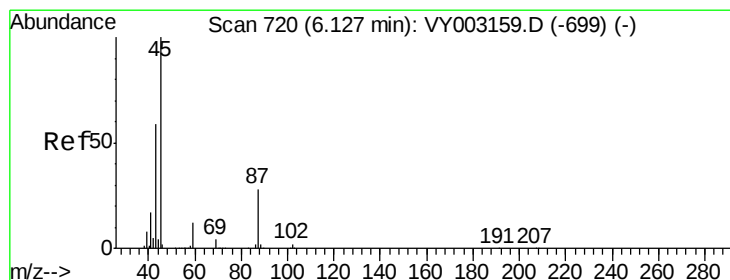
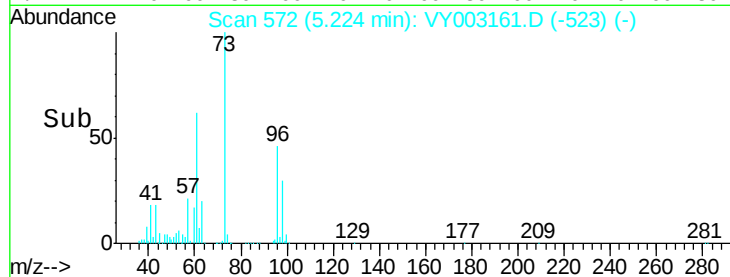
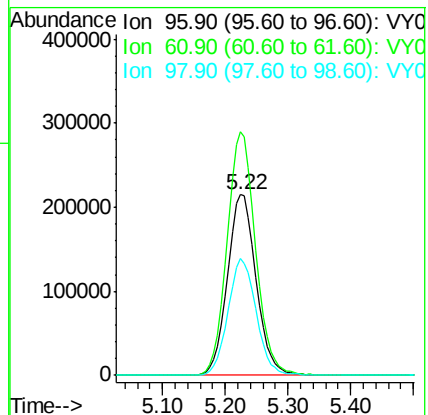
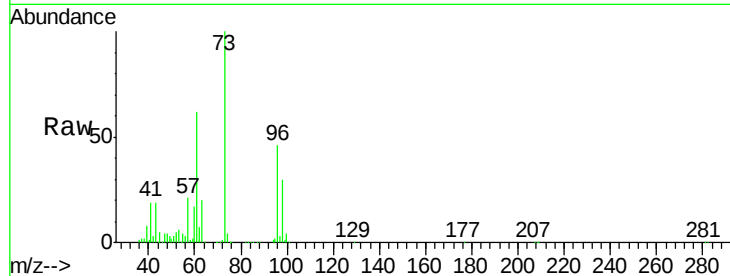
Tgt Ion: 96 Resp: 680080

Ion Ratio Lower Upper

96 100

61 134.7 102.5 153.7

98 64.7 49.8 74.8



#22

Diisopropyl ether

Concen: 132.069 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Tgt Ion: 45 Resp: 2075213

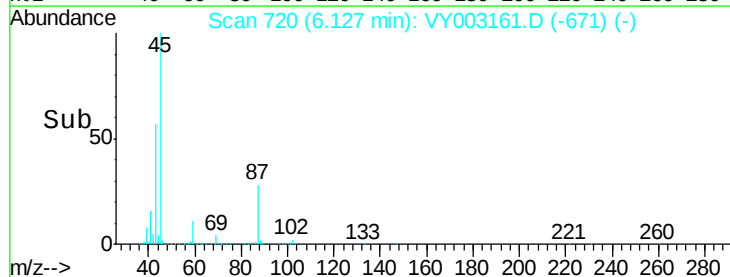
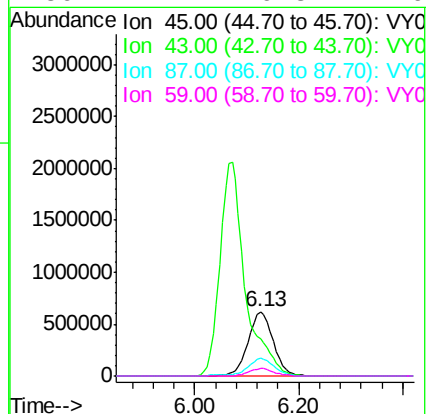
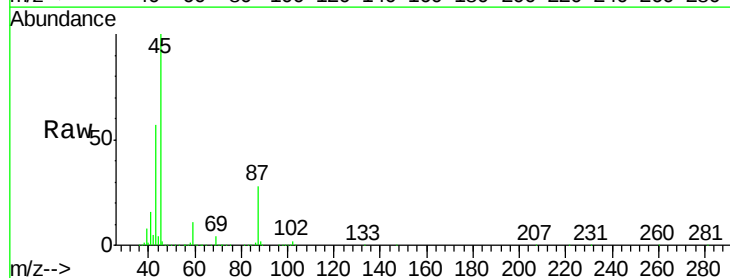
Ion Ratio Lower Upper

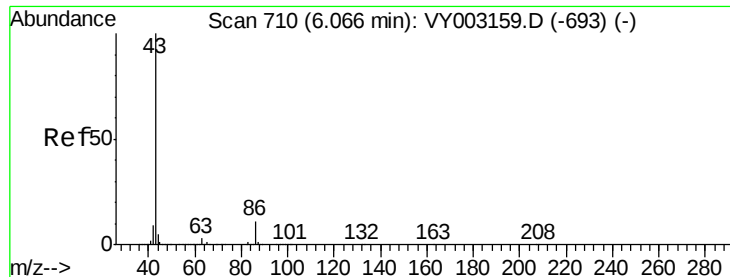
45 100

43 56.8 47.0 70.4

87 27.7 22.6 33.8

59 11.4 9.8 14.6





#23

Vinyl Acetate

Concen: 669.041 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

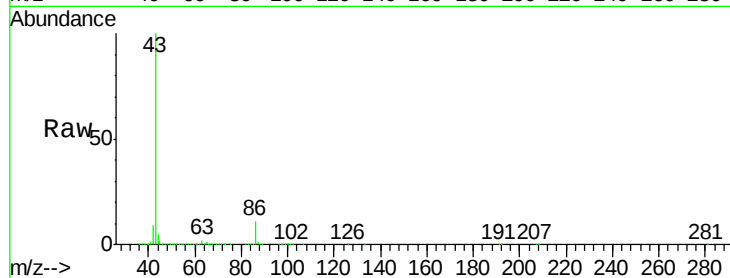
VSTDIC150

Tgt Ion: 43 Resp: 6995986

Ion Ratio Lower Upper

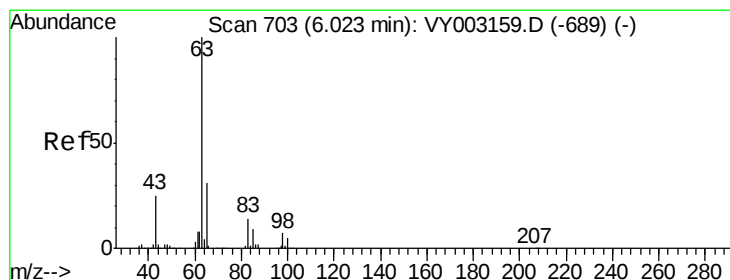
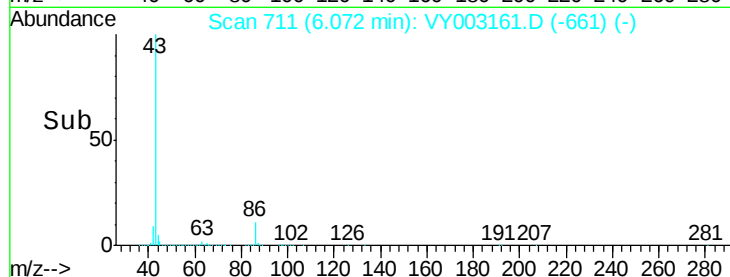
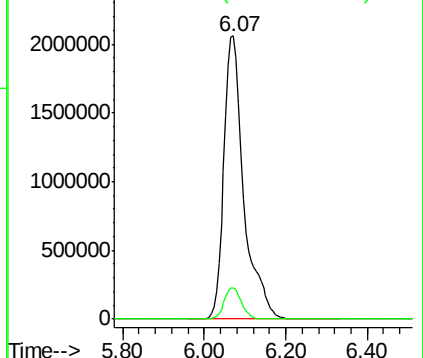
43 100

86 11.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 135.215 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

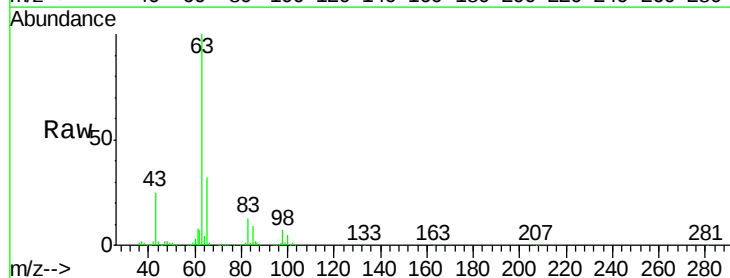
Tgt Ion: 63 Resp: 1168909

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

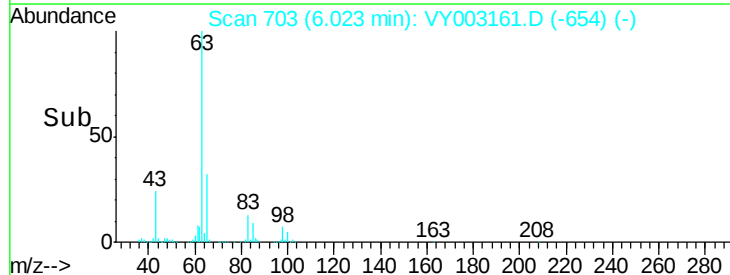
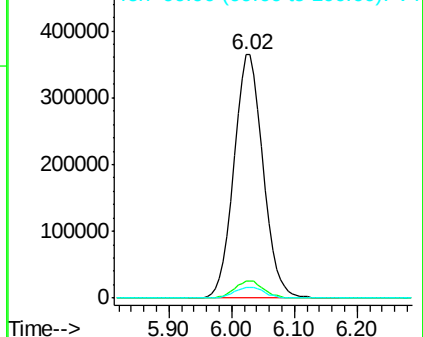
100 4.6 2.4 7.2

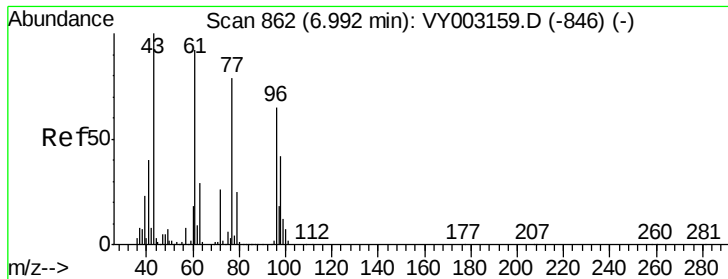


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 643.625 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

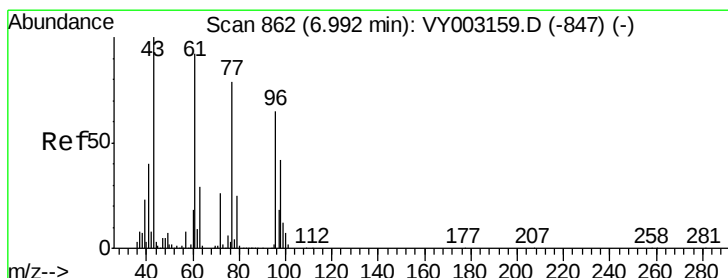
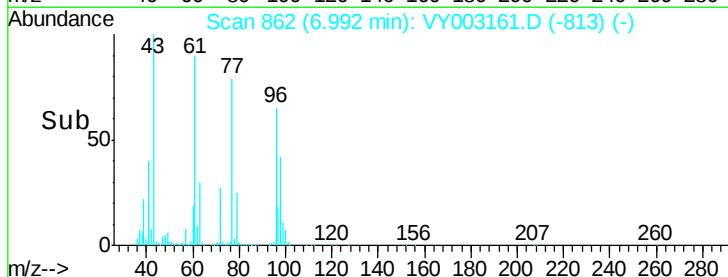
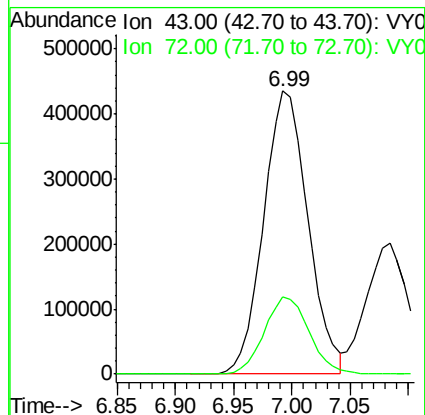
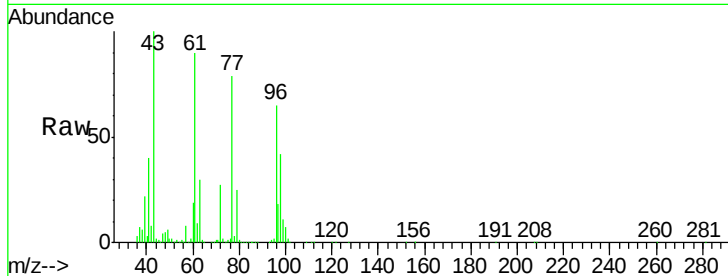
VSTDIC150

Tgt Ion: 43 Resp: 1146127

Ion Ratio Lower Upper

43 100

72 27.2 20.9 31.3



#26

2,2-Dichloropropane

Concen: 133.061 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003161.D

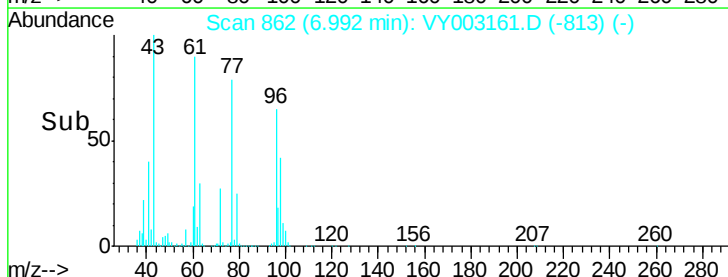
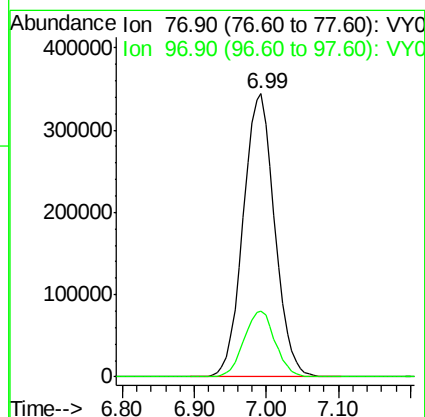
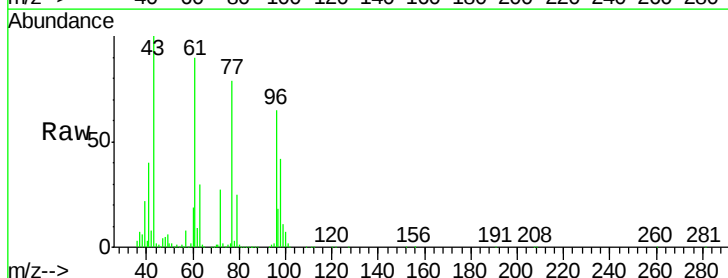
Acq: 10 Jul 2020 13:02

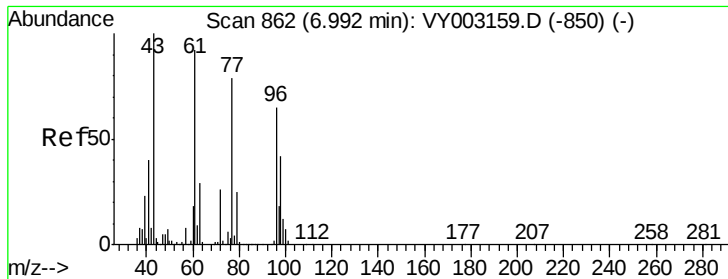
Tgt Ion: 77 Resp: 1044689

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



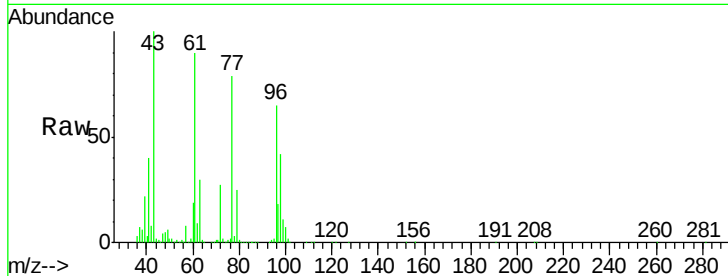


#27

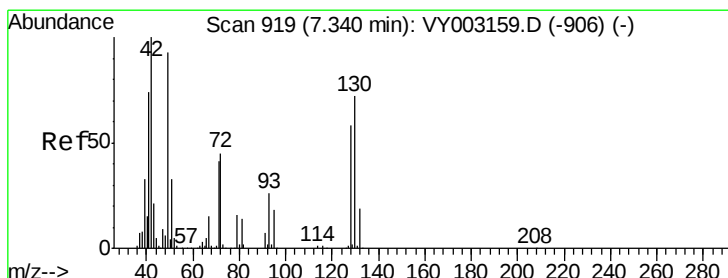
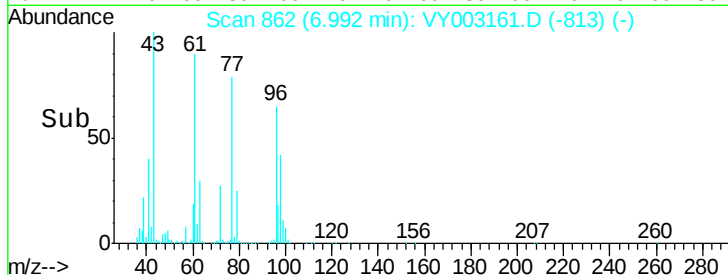
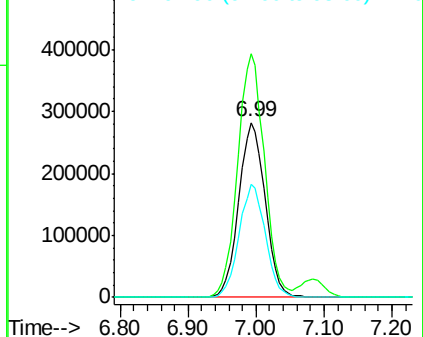
cis-1,2-Dichloroethene
 Concen: 140.510 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	281.2
98	64.5	0.0	129.8



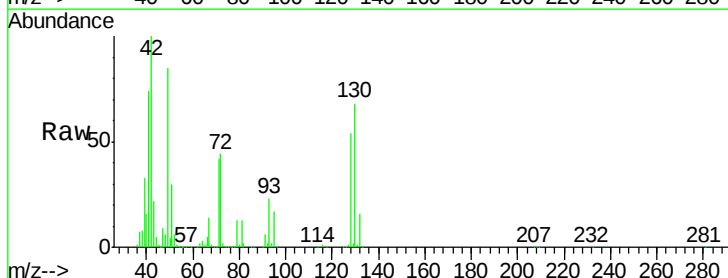
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



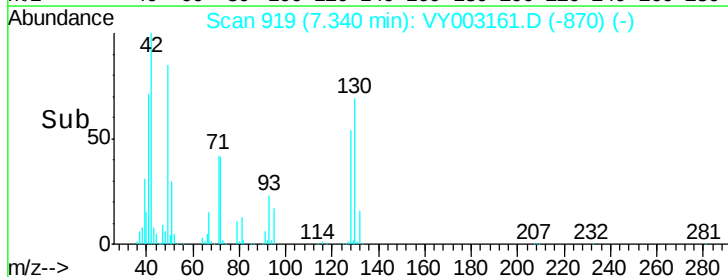
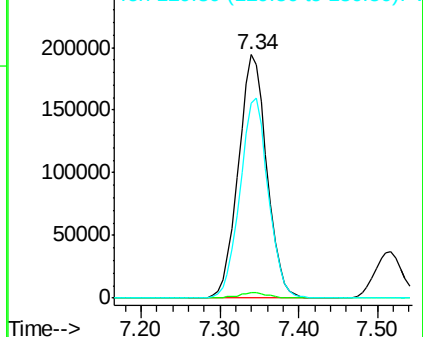
#28

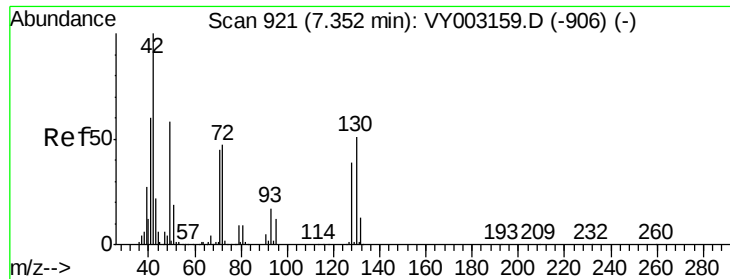
Bromochloromethane
 Concen: 128.541 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	81.5	64.9	97.3



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





#29

Tetrahydrofuran

Concen: 652.415 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

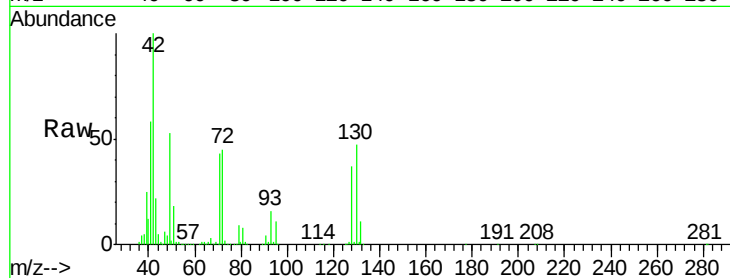
Tgt Ion: 42 Resp: 773959

Ion Ratio Lower Upper

42 100

72 44.7 36.7 55.1

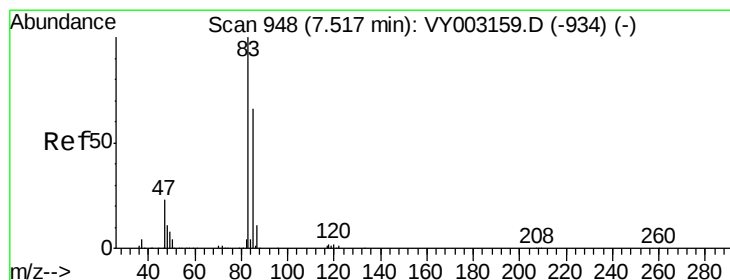
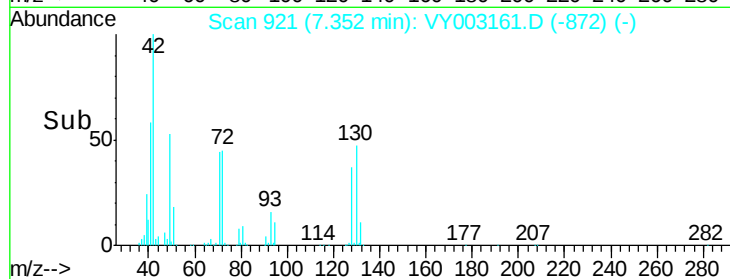
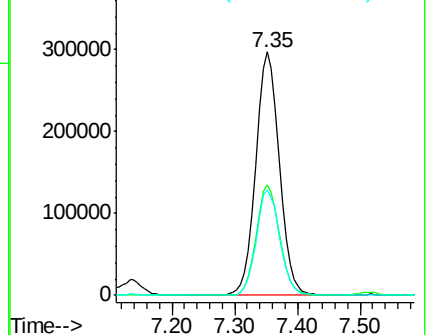
71 43.0 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 137.008 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003161.D

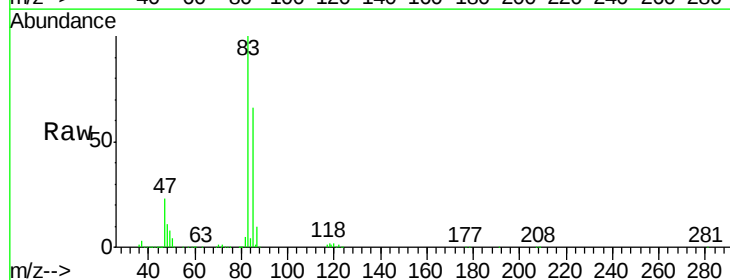
Acq: 10 Jul 2020 13:02

Tgt Ion: 83 Resp: 1178664

Ion Ratio Lower Upper

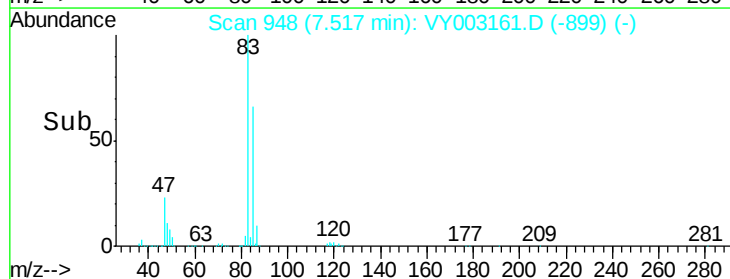
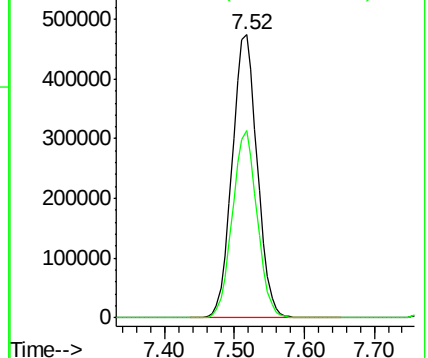
83 100

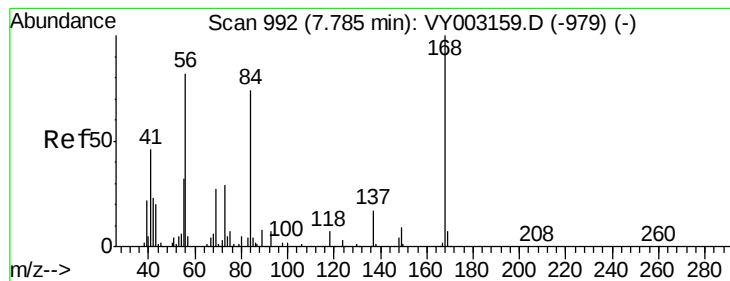
85 66.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 124.843 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

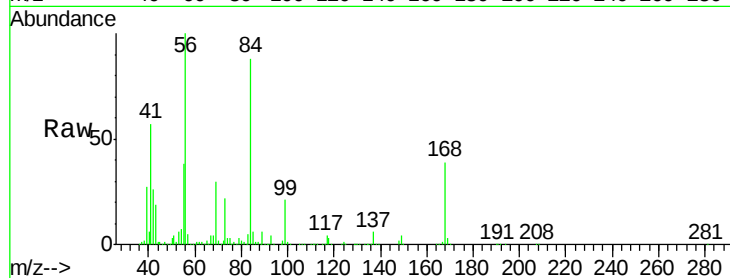
Tgt Ion: 56 Resp: 1062162

Ion Ratio Lower Upper

56 100

69 30.2 26.7 40.1

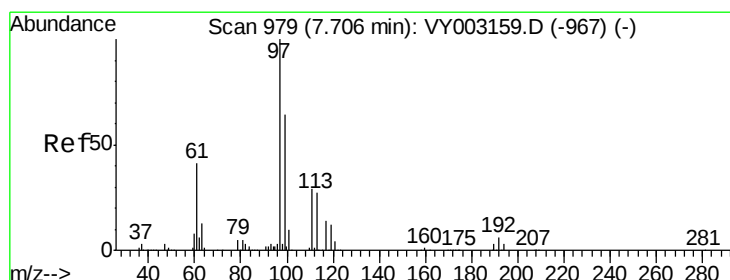
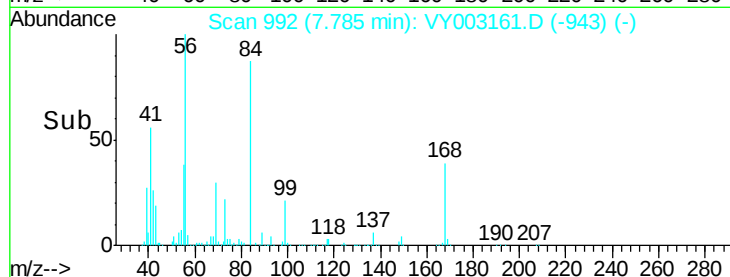
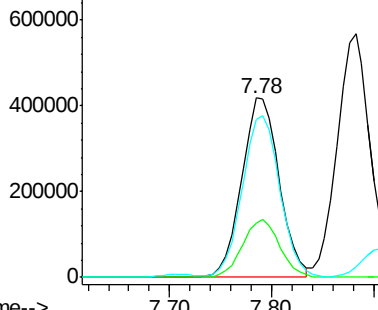
84 87.3 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 137.840 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

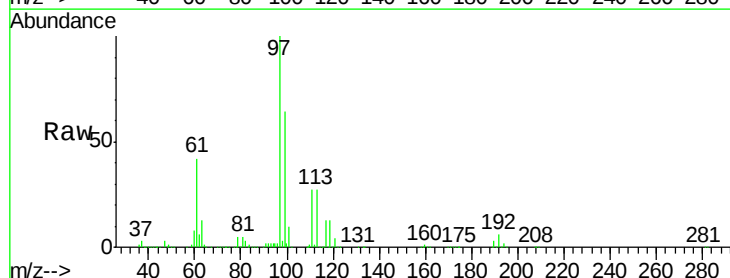
Tgt Ion: 97 Resp: 1080194

Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

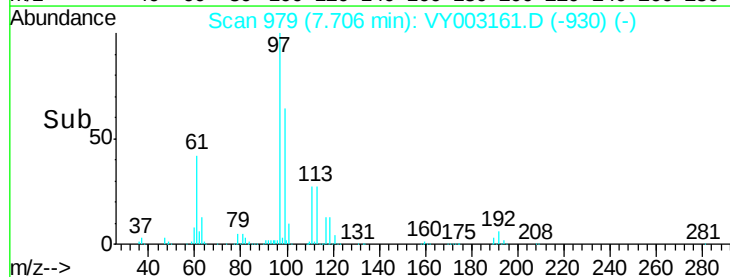
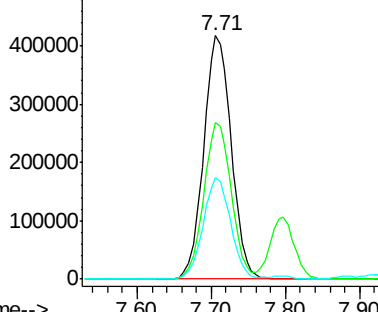
61 41.4 33.9 50.9

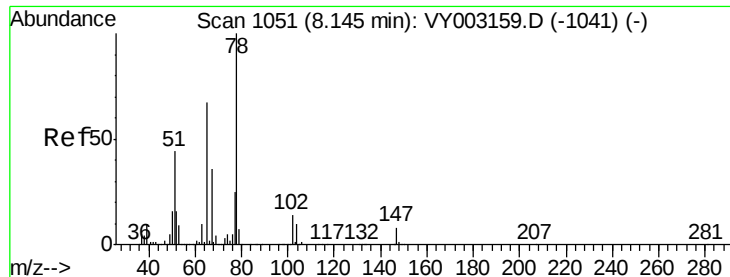


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

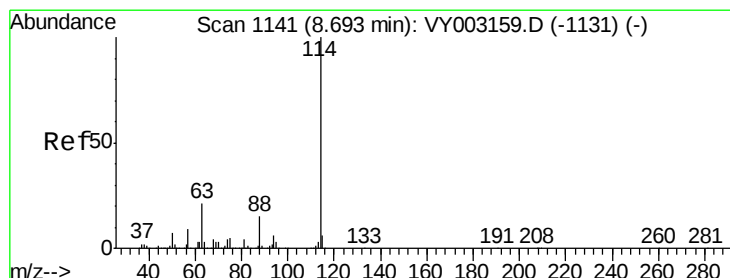
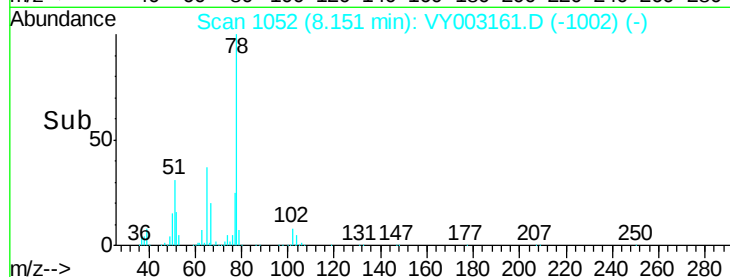
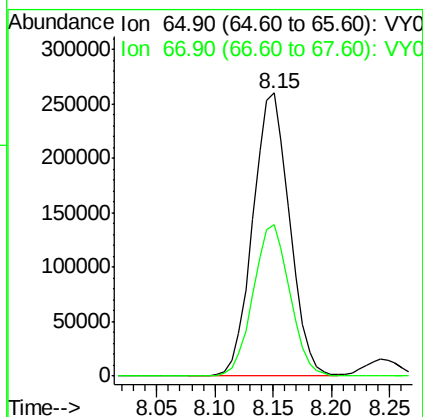
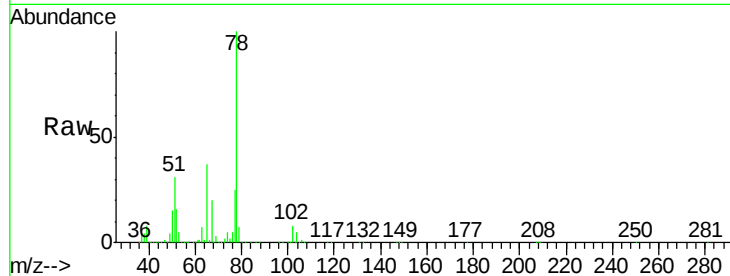




#33
 1,2-Dichloroethane-d4
 Concen: 119.395 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

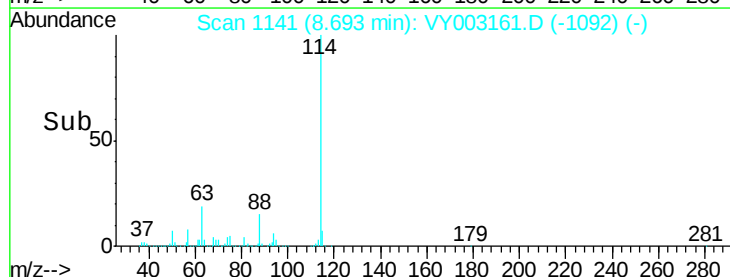
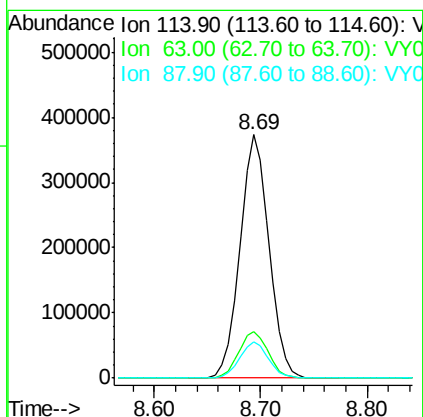
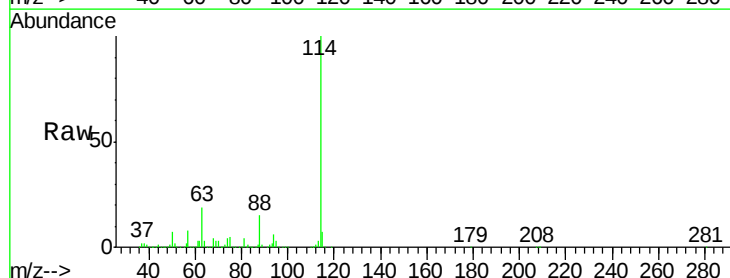
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

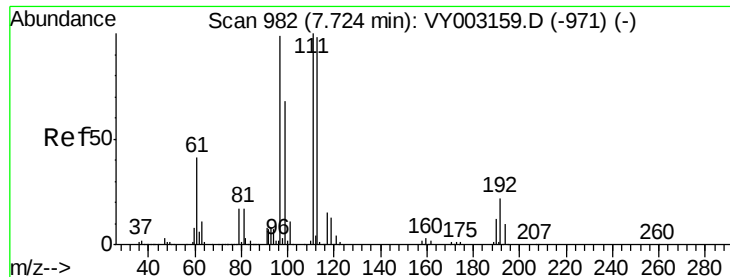
Tgt Ion: 65 Resp: 568809
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 114 Resp: 711888
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 14.9 0.0 30.2

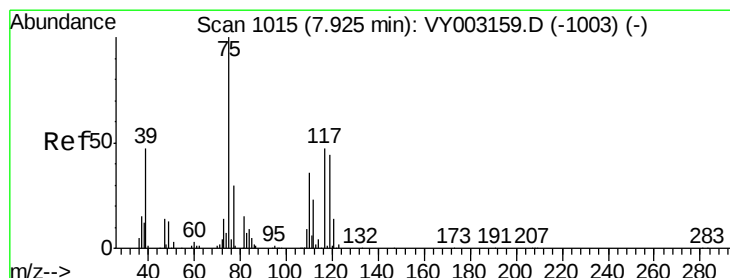
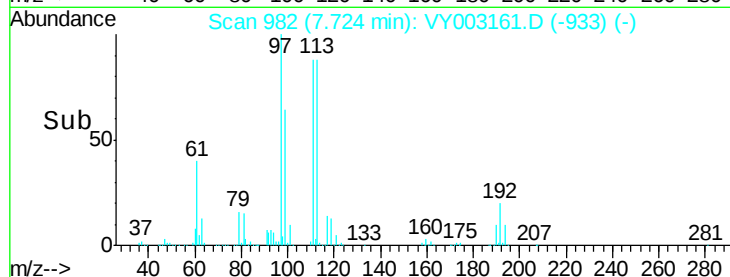
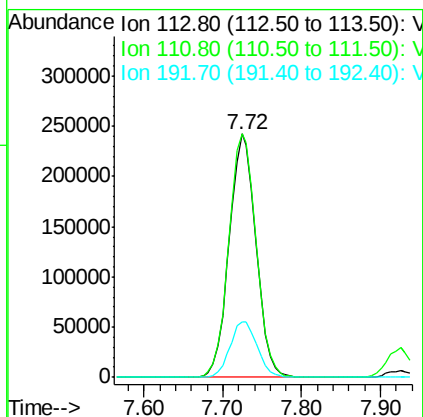
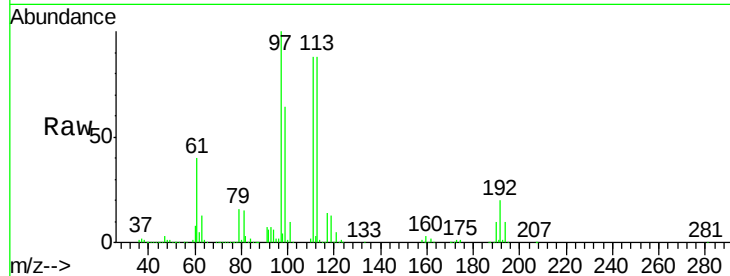




#35
Dibromofluoromethane
Concen: 132.163 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

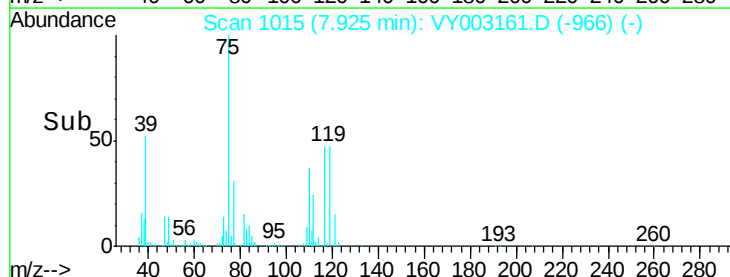
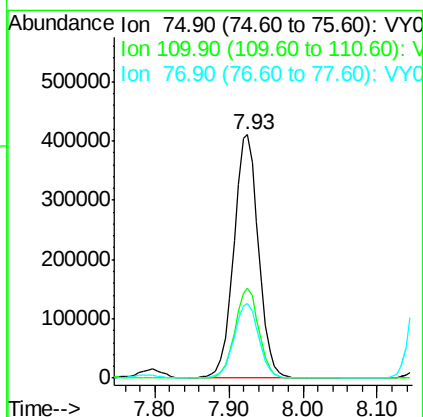
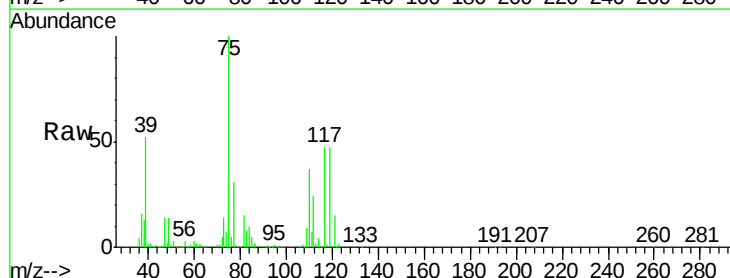
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

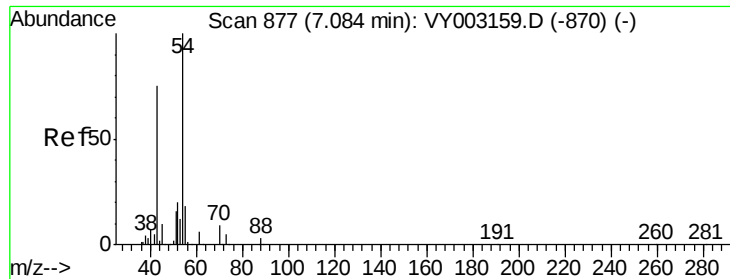
Tgt Ion:113 Resp: 572023
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 23.2 18.8 28.2



#36
1,1-Dichloropropene
Concen: 140.380 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 75 Resp: 946689
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.1
77 30.9 24.8 37.2

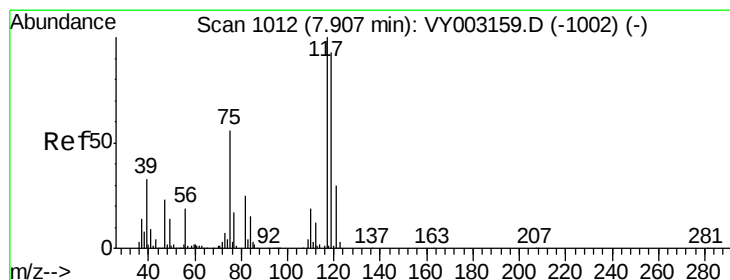
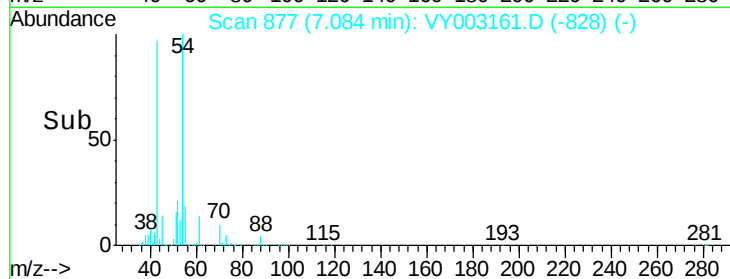
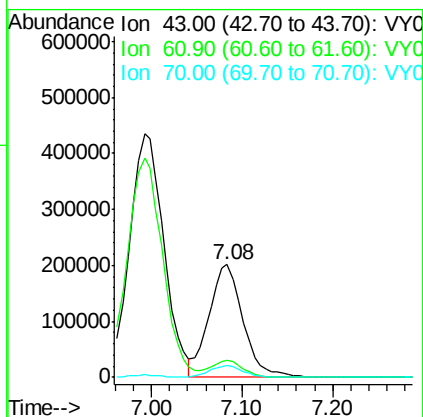
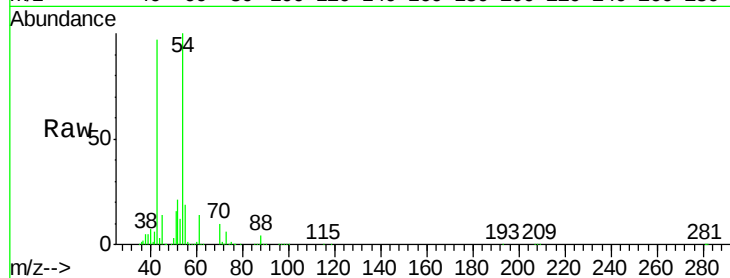




#37
Ethyl Acetate
Concen: 132.789 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

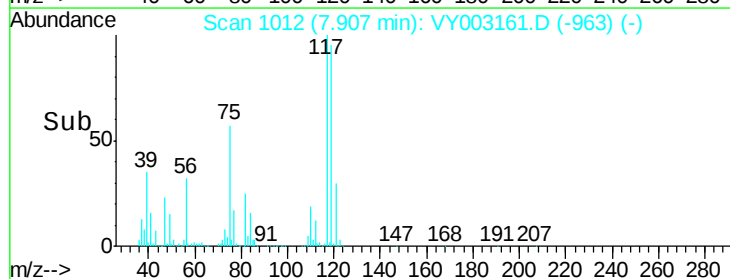
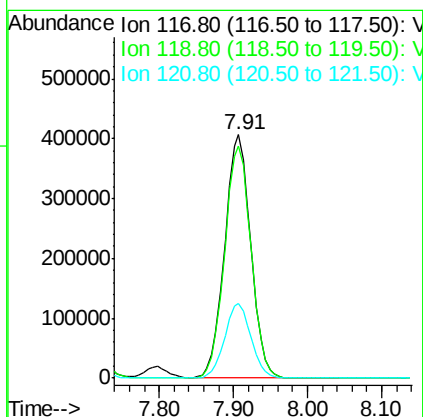
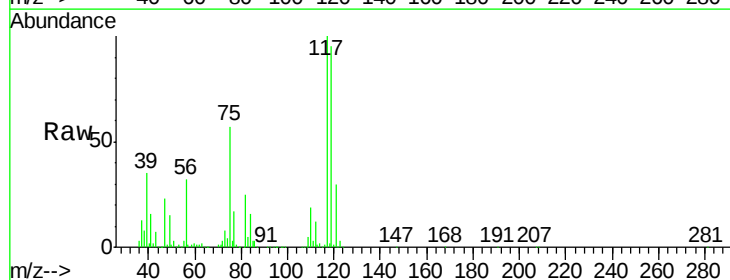
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

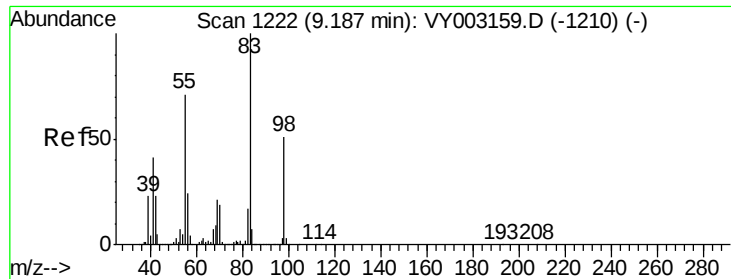
Tgt Ion: 43 Resp: 527502
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 141.475 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 117 Resp: 993007
Ion Ratio Lower Upper
117 100
119 95.2 74.5 111.7
121 30.5 24.2 36.2

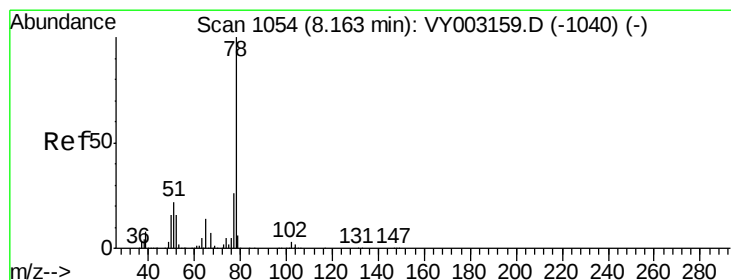
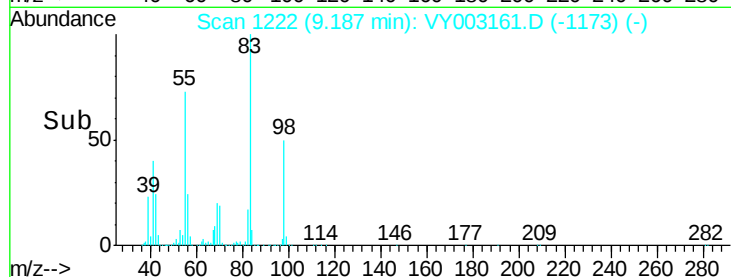
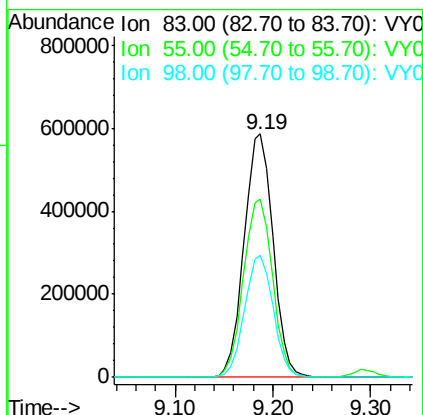
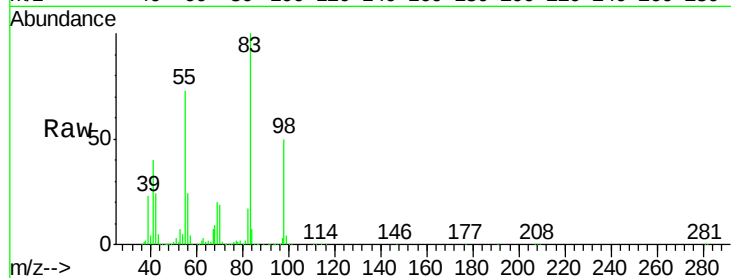




#39
Methylcyclohexane
Concen: 144.514 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

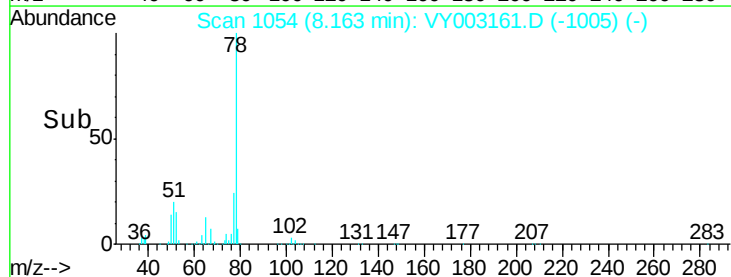
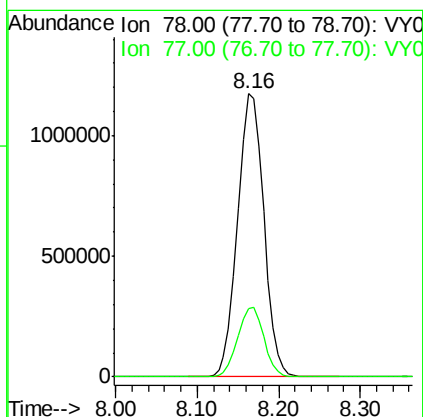
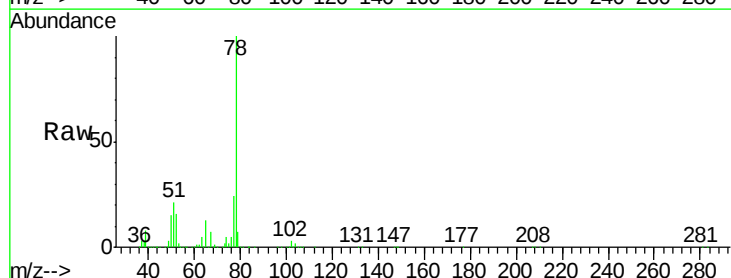
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

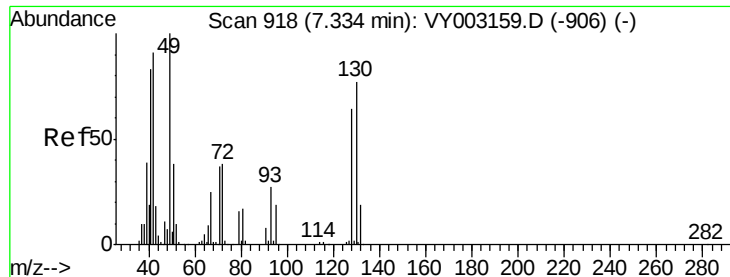
Tgt Ion: 83 Resp: 1208230
Ion Ratio Lower Upper
83 100
55 73.2 57.2 85.8
98 50.3 41.0 61.6



#40
Benzene
Concen: 141.881 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 78 Resp: 2620718
Ion Ratio Lower Upper
78 100
77 24.1 20.7 31.1

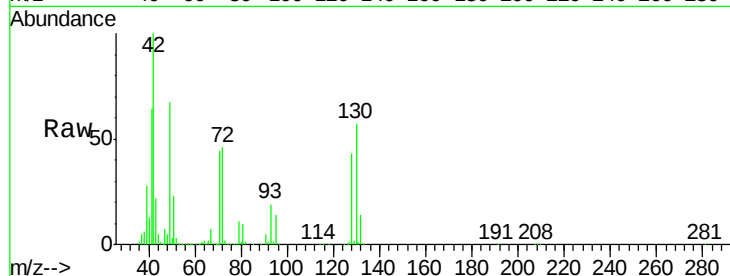




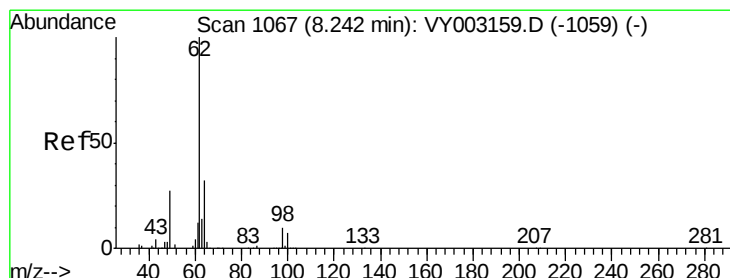
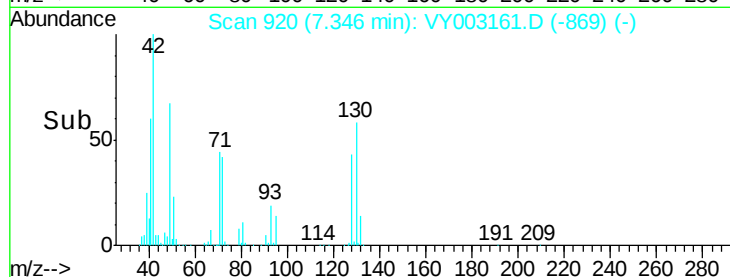
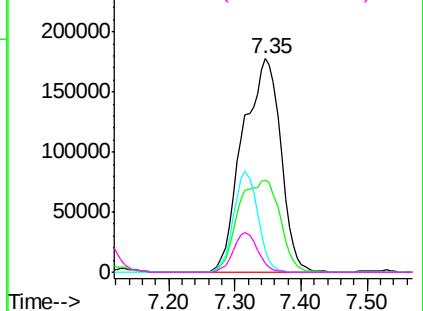
#41
Methacrylonitrile
Concen: 335.700 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 710644
Ion Ratio Lower Upper
41 100
39 46.9 83.3 124.9#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

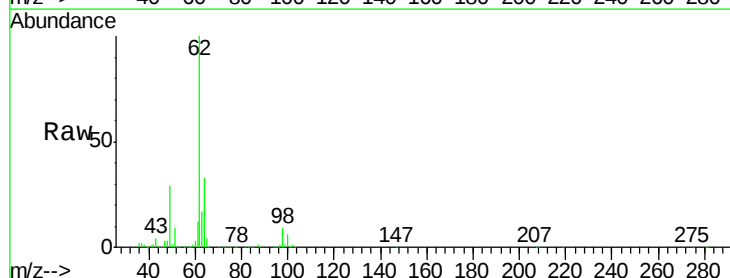


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

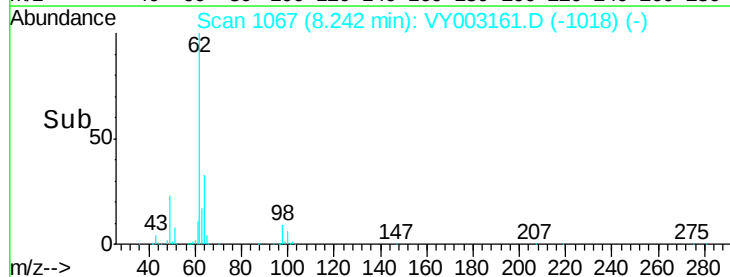
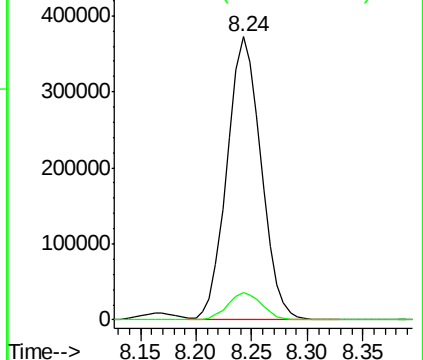


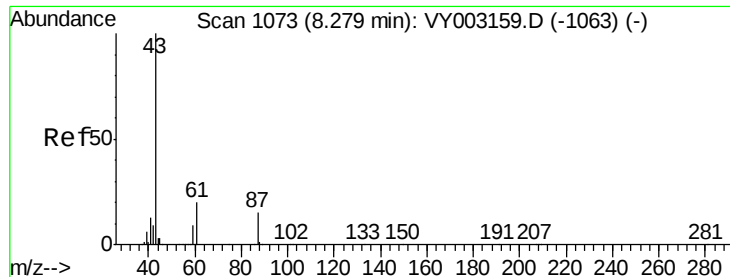
#42
1,2-Dichloroethane
Concen: 136.219 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 62 Resp: 790583
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 133.316 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

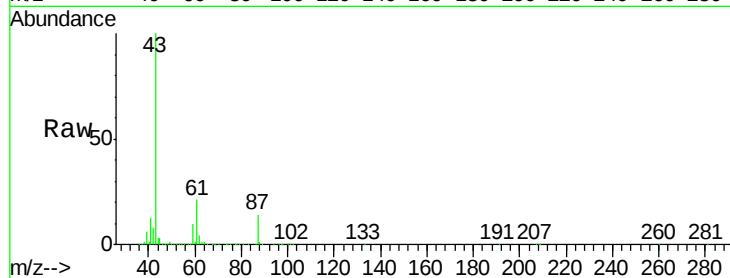
Tgt Ion: 43 Resp: 1007309

Ion Ratio Lower Upper

43 100

61 29.2 23.7 35.5

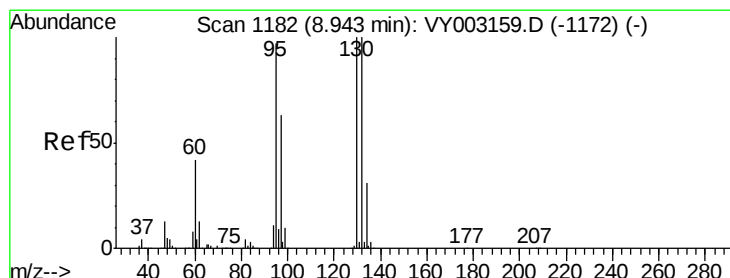
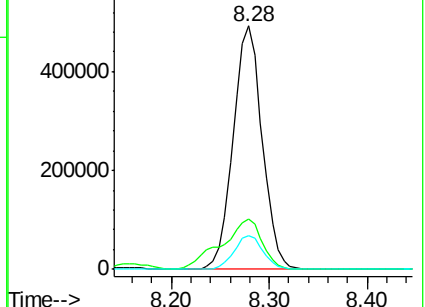
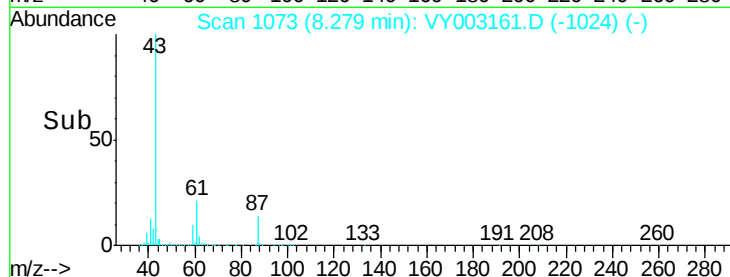
87 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003161.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003161.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003161.D (-1024) (-)



#44

Trichloroethene

Concen: 145.532 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003161.D

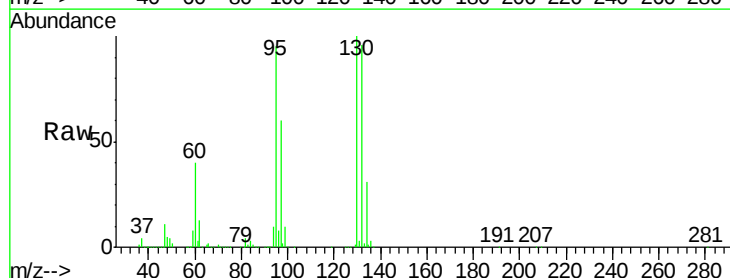
Acq: 10 Jul 2020 13:02

Tgt Ion: 130 Resp: 788002

Ion Ratio Lower Upper

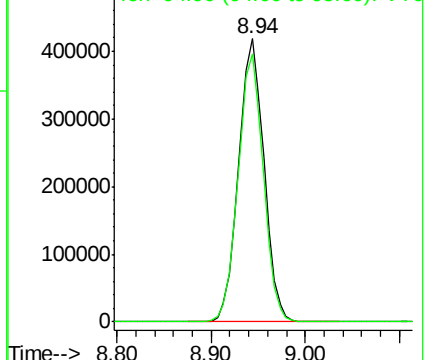
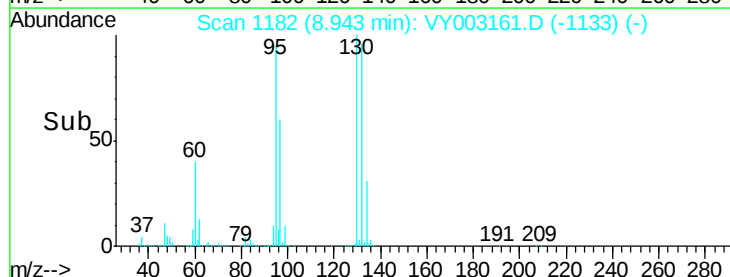
130 100

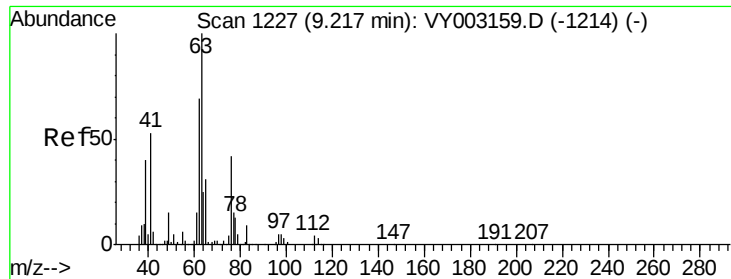
95 94.6 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003161.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003161.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 136.886 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

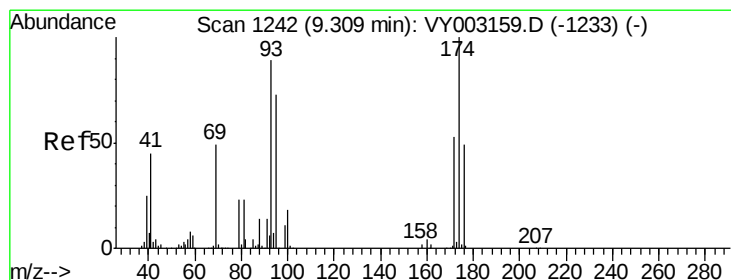
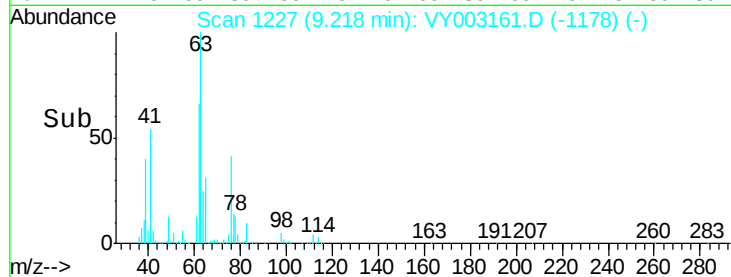
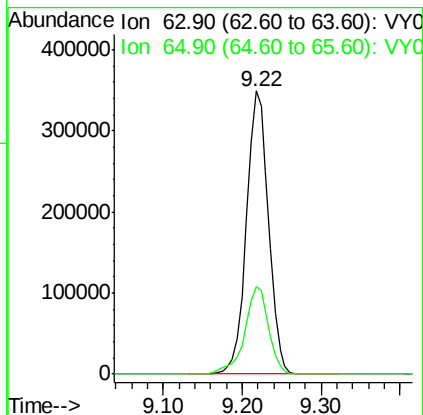
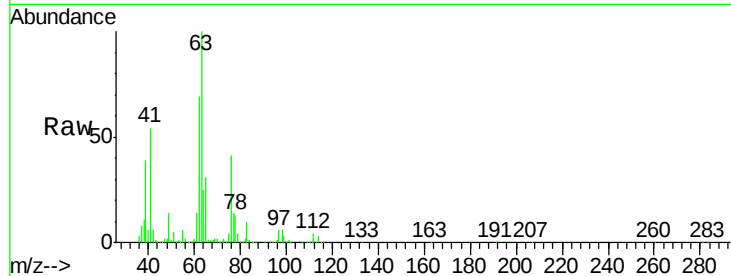
VSTDIC150

Tgt Ion: 63 Resp: 677274

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4



#46

Dibromomethane

Concen: 141.799 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

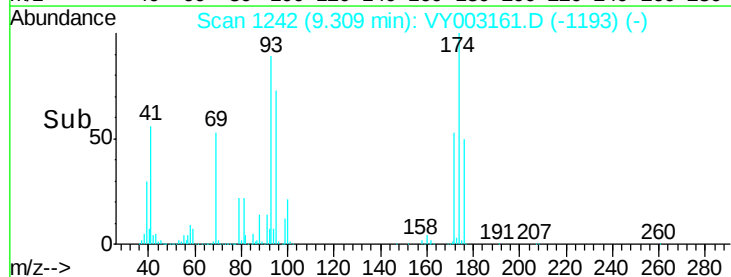
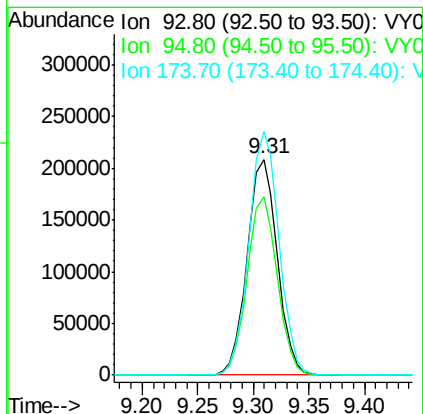
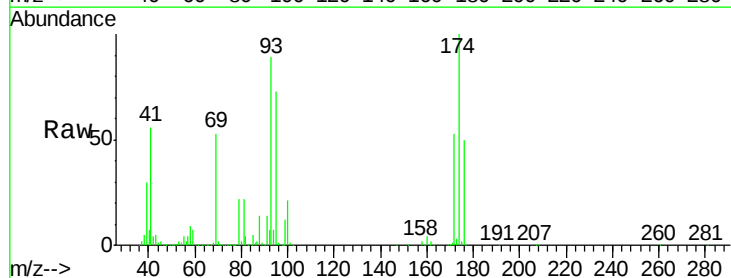
Tgt Ion: 93 Resp: 394189

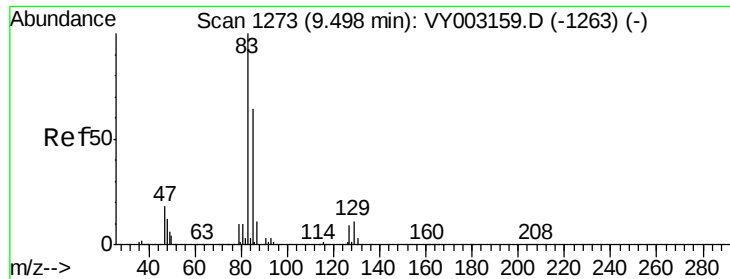
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 113.1 90.2 135.4





#47

Bromodichloromethane

Concen: 140.932 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

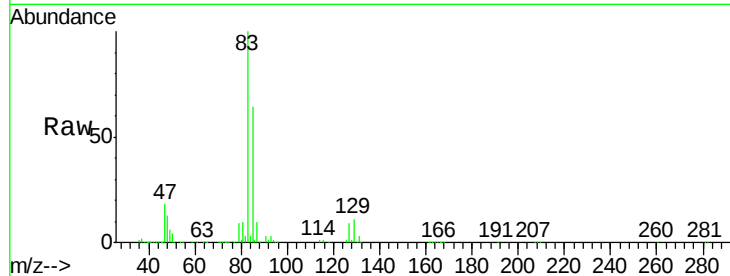
Tgt Ion: 83 Resp: 954696

Ion Ratio Lower Upper

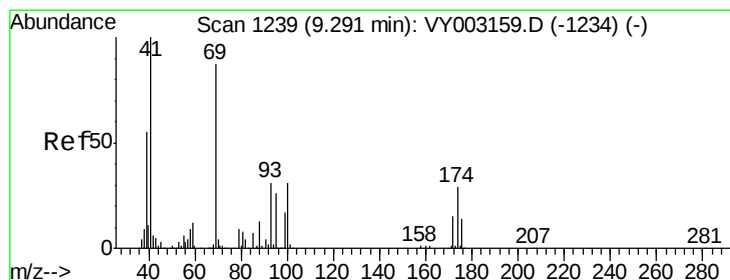
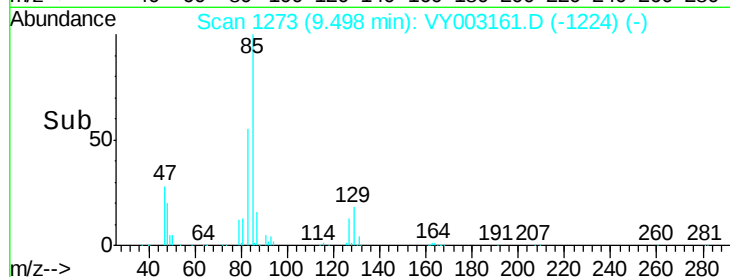
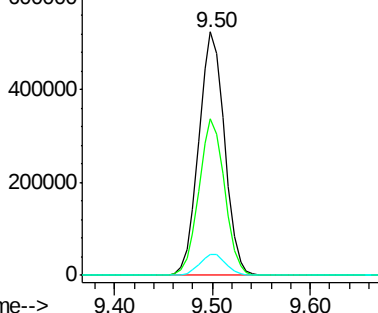
83 100

85 64.3 50.9 76.3

127 8.6 7.0 10.4



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: 135.244 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

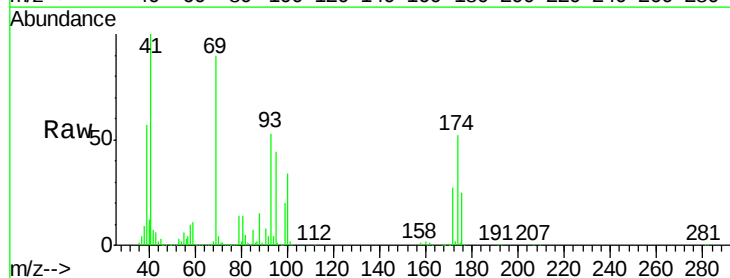
Tgt Ion: 41 Resp: 465158

Ion Ratio Lower Upper

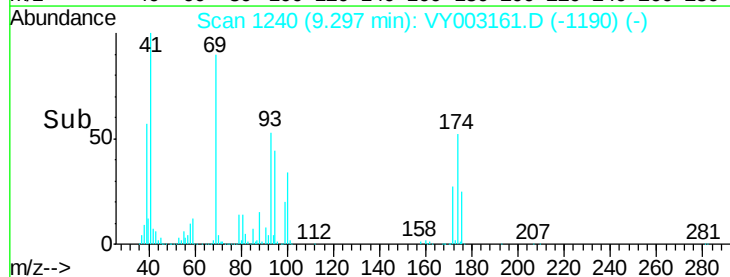
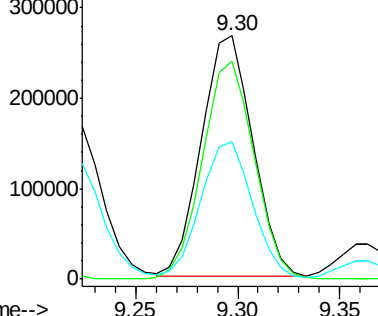
41 100

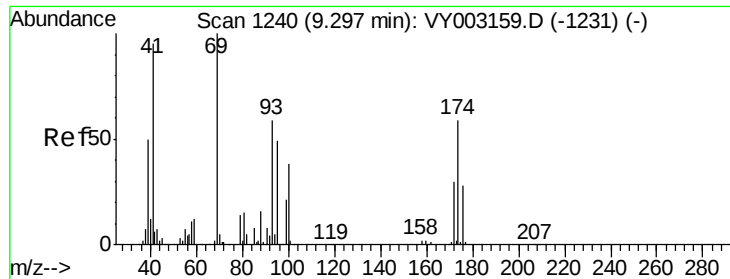
69 91.7 74.5 111.7

39 56.6 47.5 71.3



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: 3055.938 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

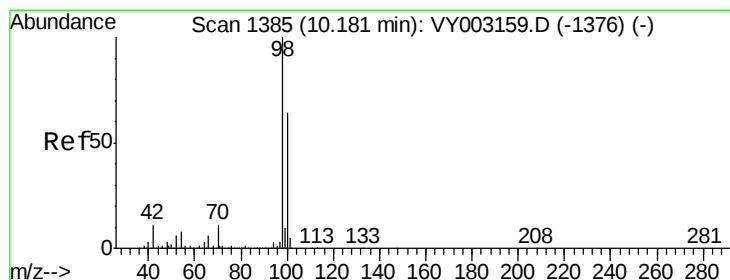
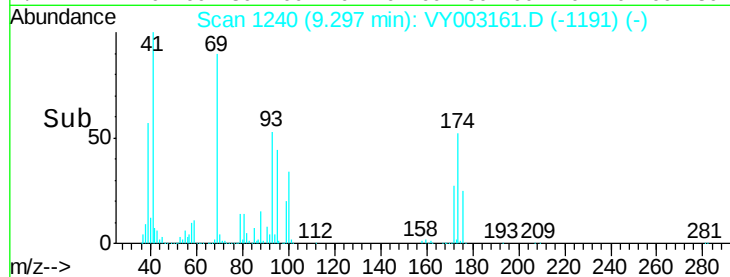
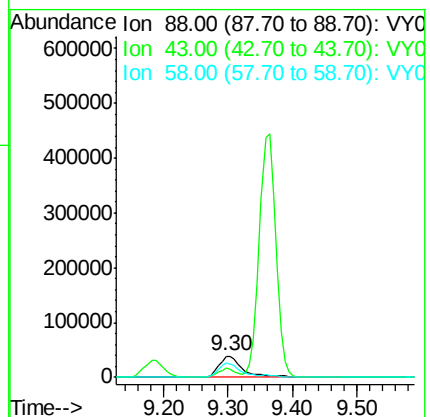
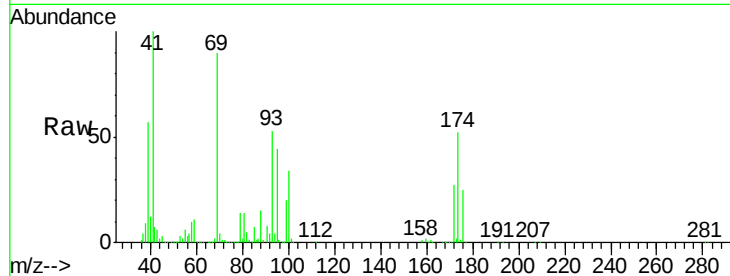
Tgt Ion: 88 Resp: 104912

Ion Ratio Lower Upper

88 100

43 29.4 25.6 38.4

58 70.0 47.8 71.6



#50

Toluene-d8

Concen: 128.358 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003161.D

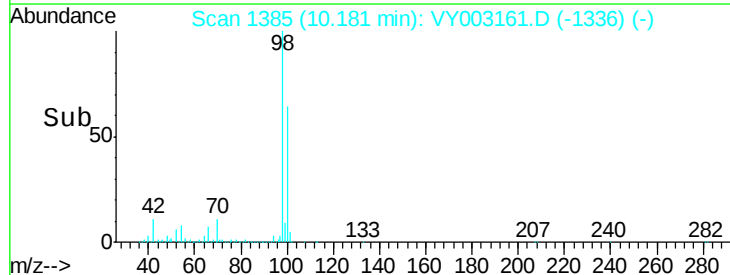
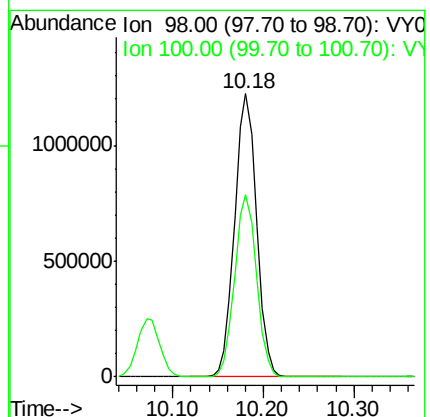
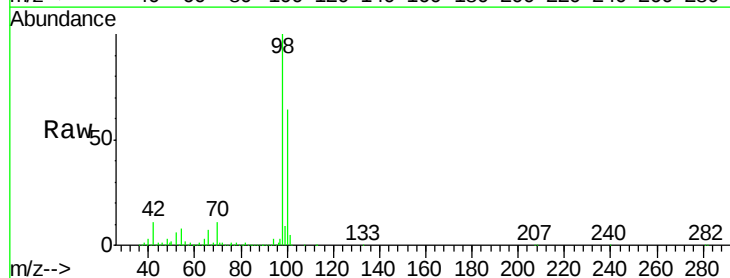
Acq: 10 Jul 2020 13:02

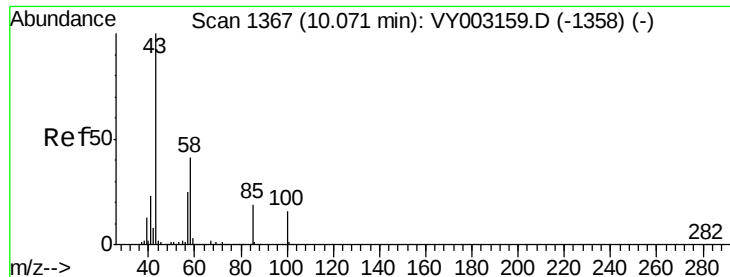
Tgt Ion: 98 Resp: 2060673

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1

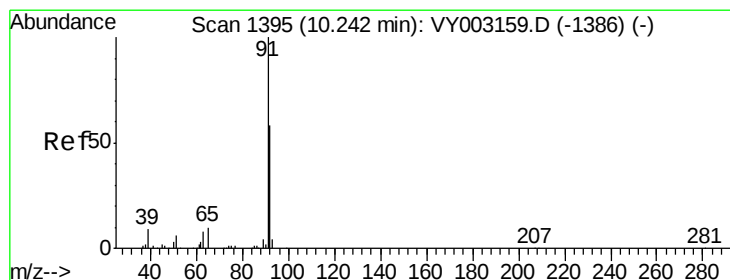
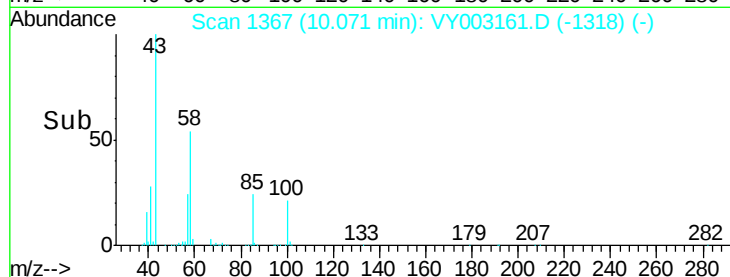
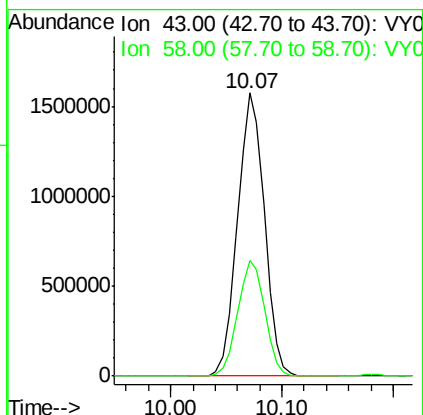
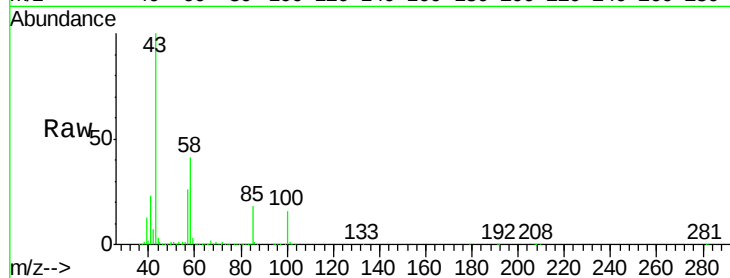




#51
 4-Methyl-2-Pentanone
 Concen: 671.741 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

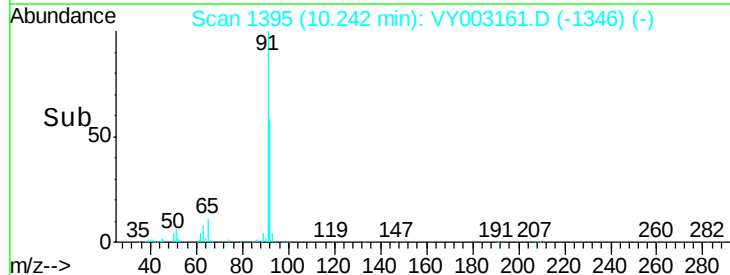
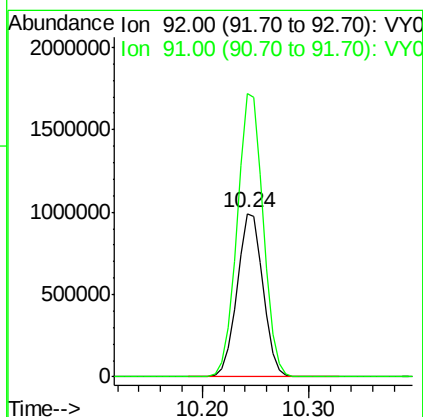
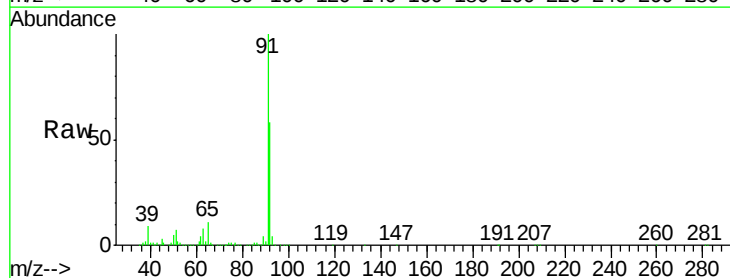
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2628564
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1



#52
 Toluene
 Concen: 145.068 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 92 Resp: 1692681
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 141.742 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

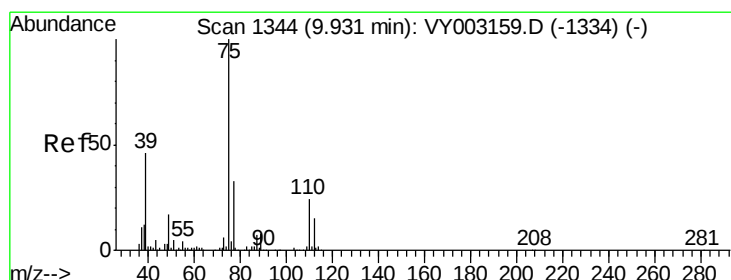
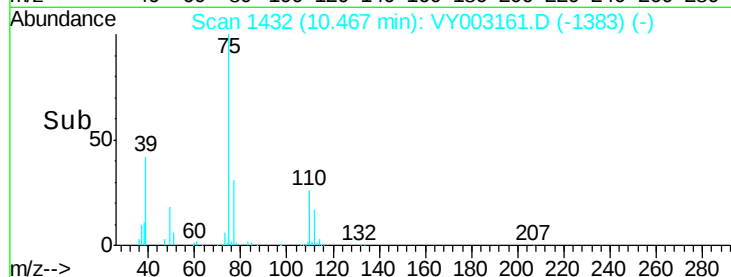
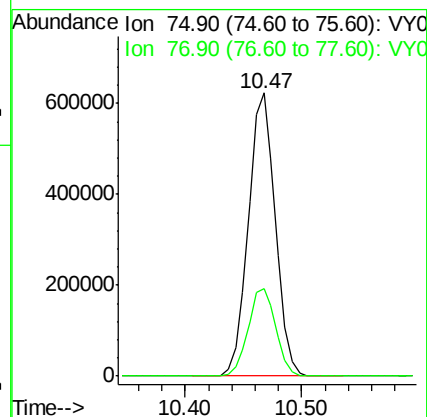
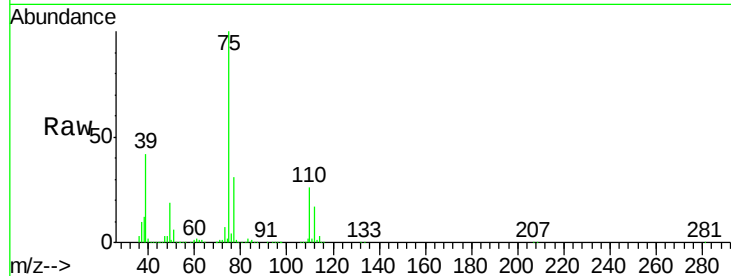
VSTDIC150

Tgt Ion: 75 Resp: 1004993

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 140.914 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

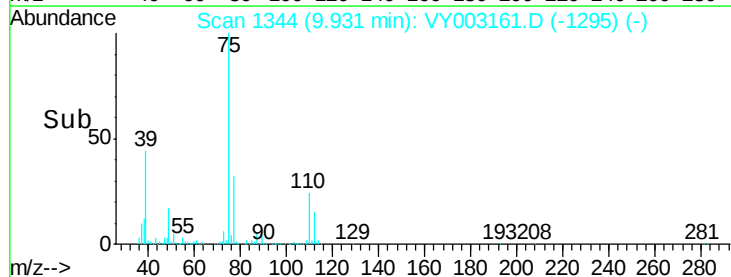
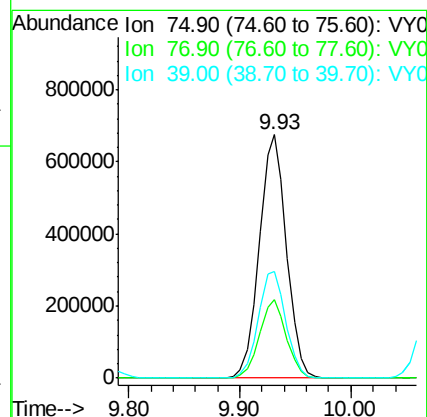
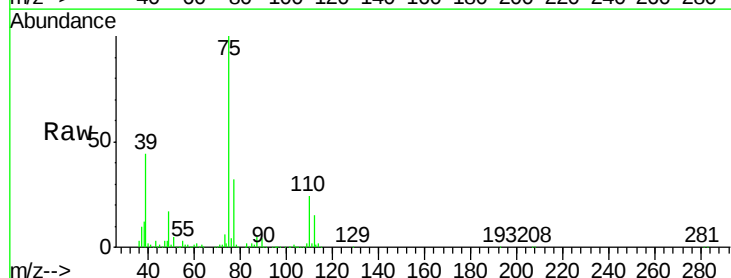
Tgt Ion: 75 Resp: 1142623

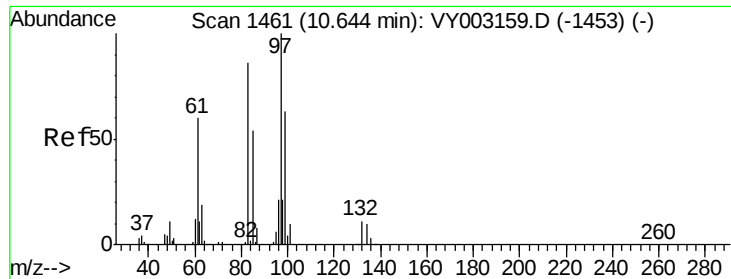
Ion Ratio Lower Upper

75 100

77 32.2 26.7 40.1

39 43.8 37.0 55.6

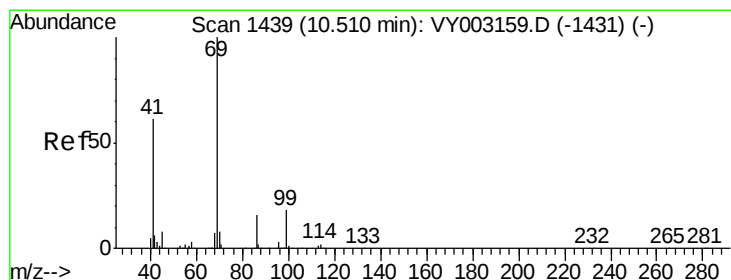
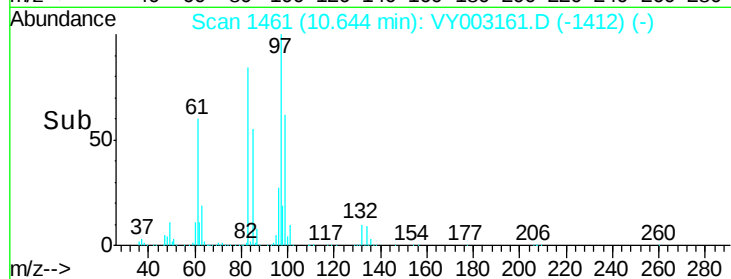
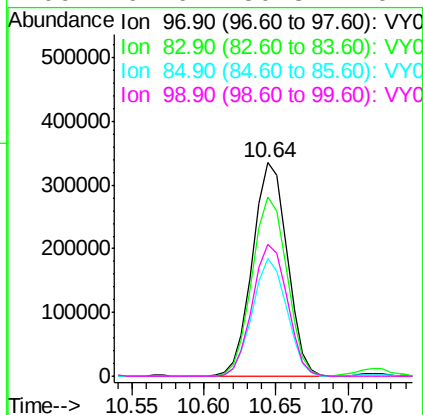
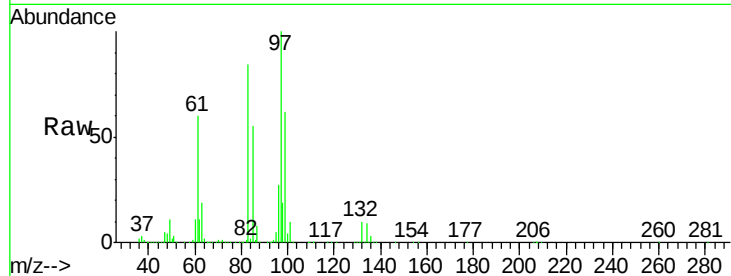




#55
 1,1,2-Trichloroethane
 Concen: 145.248 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

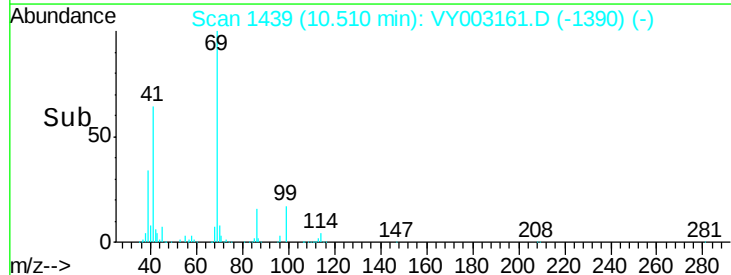
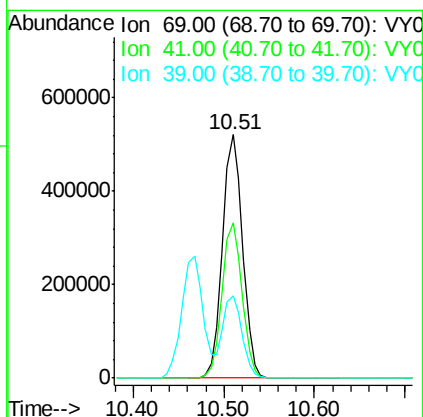
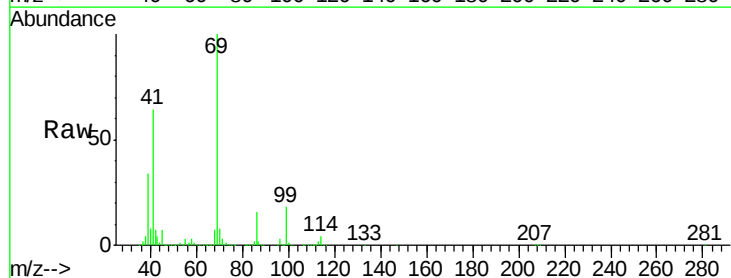
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

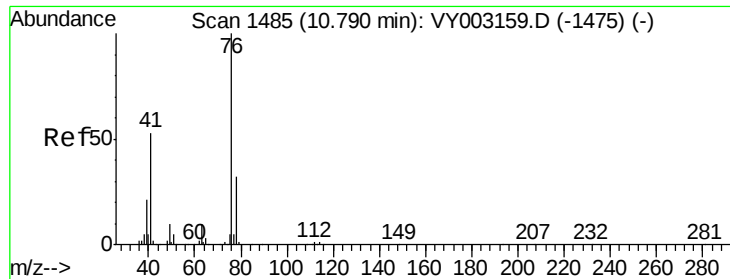
Tgt Ion:	97	Resp:	559099
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.8	103.2
85	55.3	43.1	64.7
99	61.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 145.420 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion:	69	Resp:	805682
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	33.9	27.6	41.4

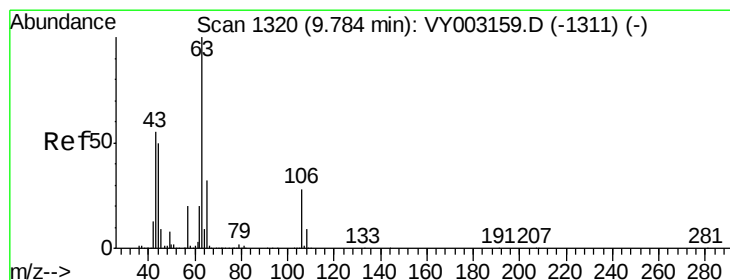
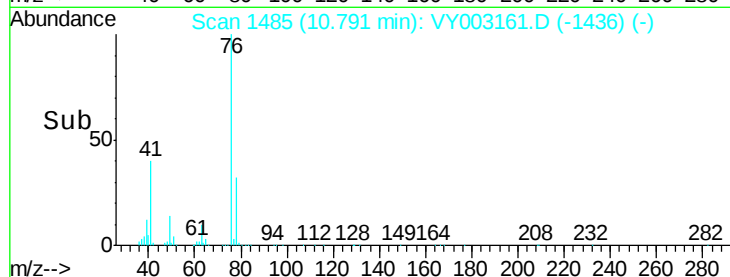
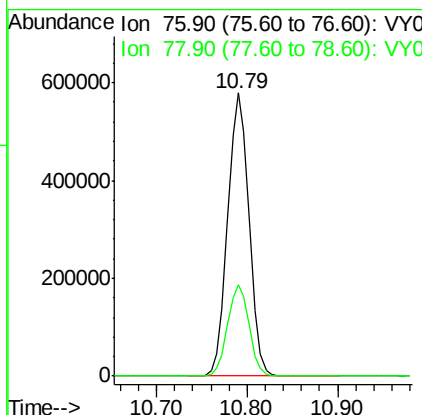
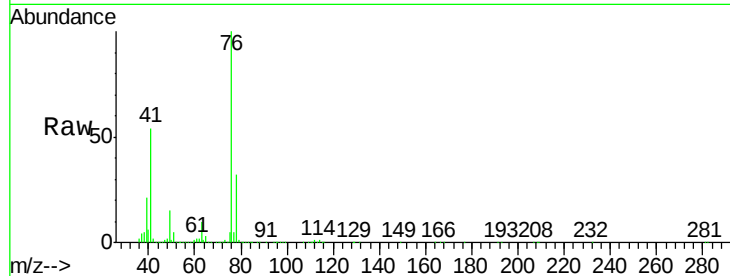




#57
 1,3-Dichloropropane
 Concen: 139.556 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

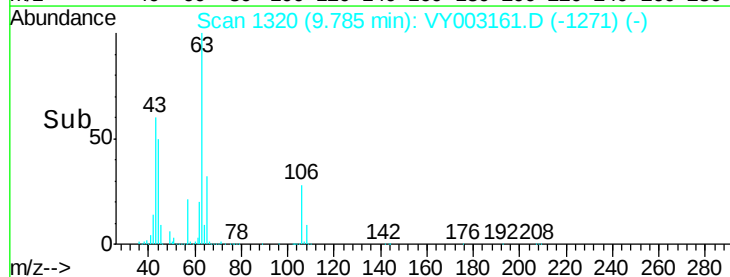
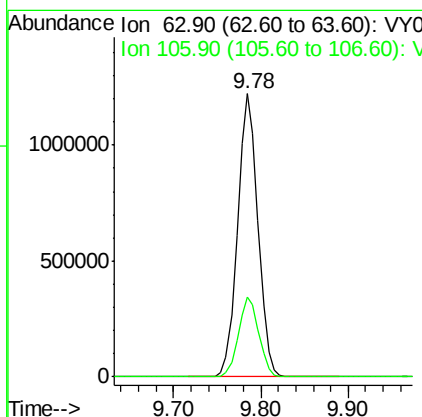
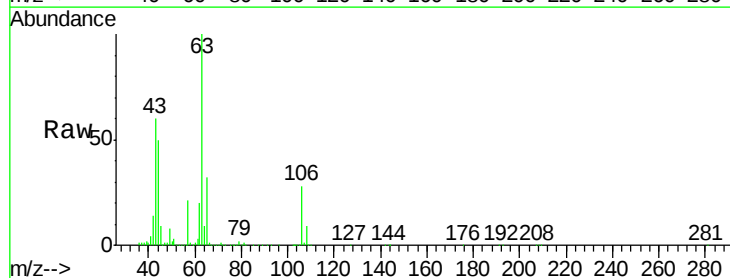
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

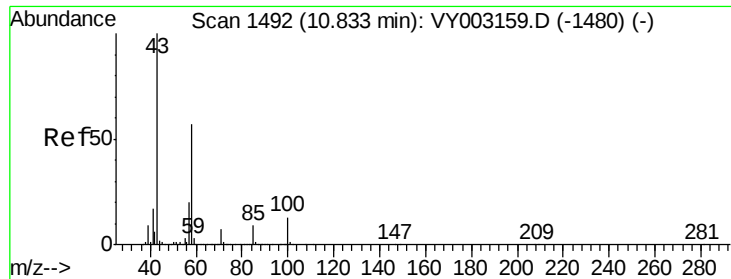
Tgt Ion: 76 Resp: 943741
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 703.396 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 63 Resp: 1975736
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.9 34.3

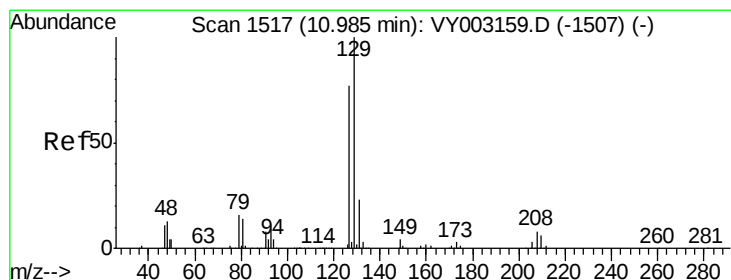
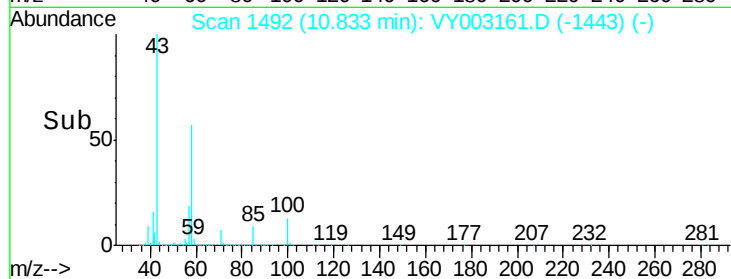
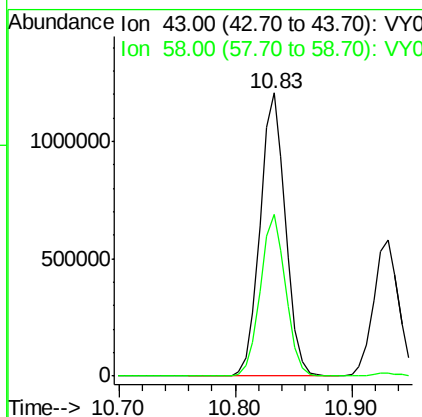
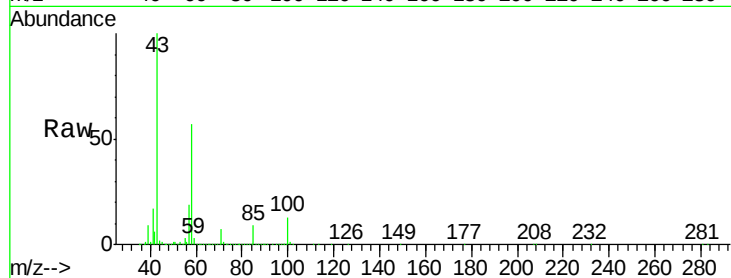




#59
2-Hexanone
Concen: 670.262 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

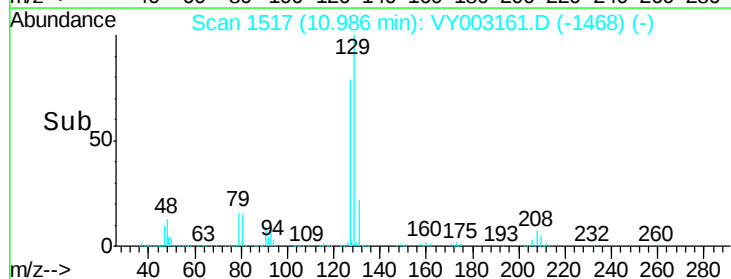
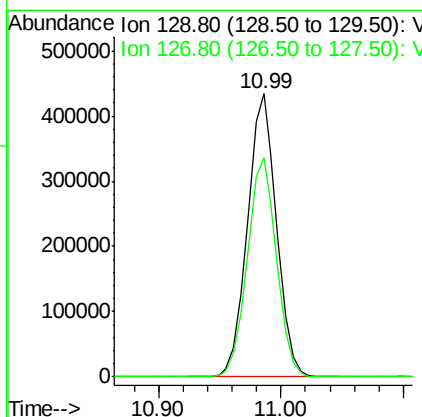
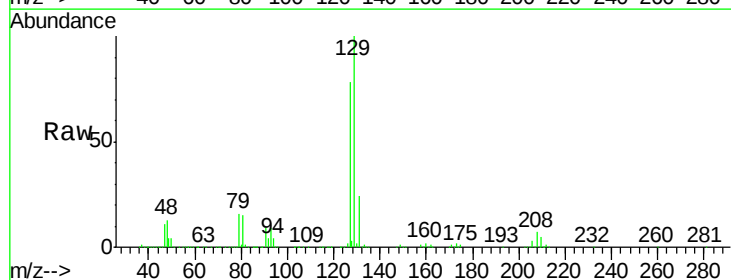
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

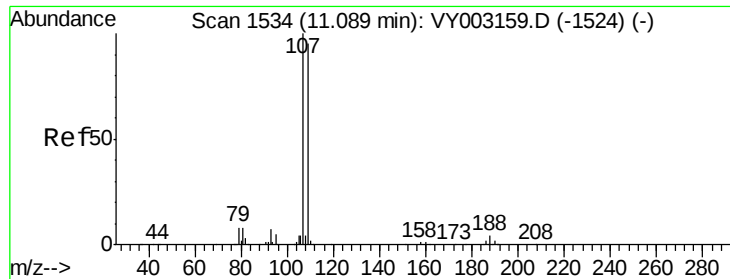
Tgt Ion: 43 Resp: 1831025
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 144.675 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 129 Resp: 714430
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

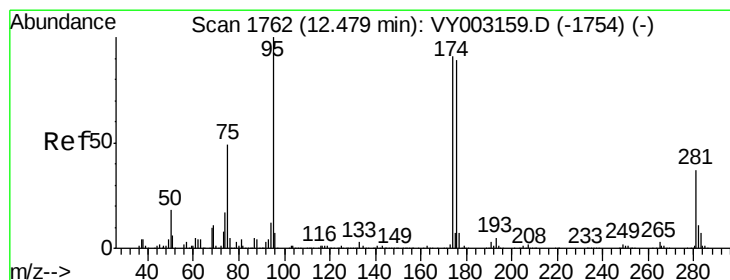
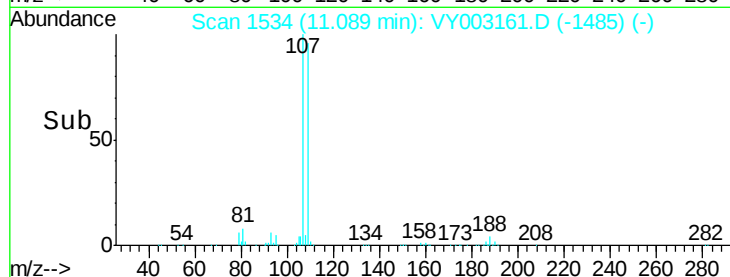
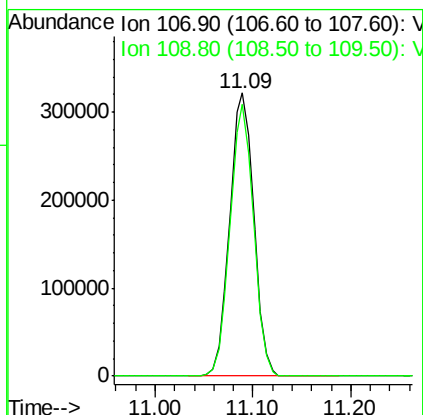
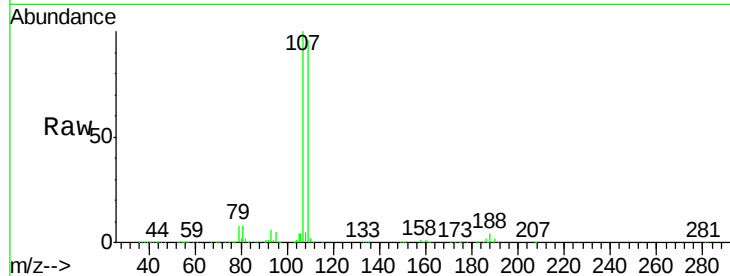




#61
 1,2-Dibromoethane
 Concen: 143.939 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

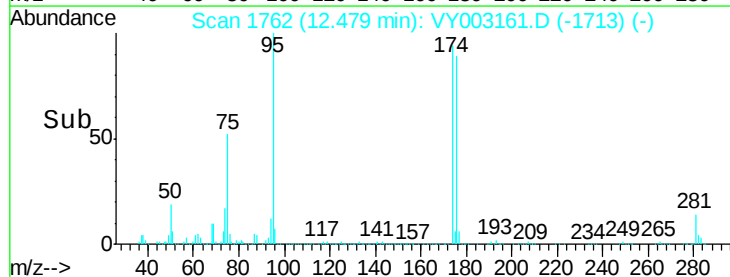
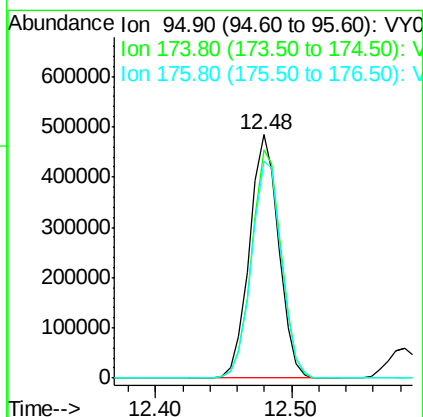
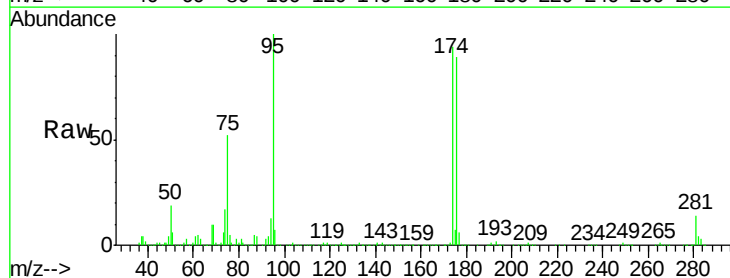
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

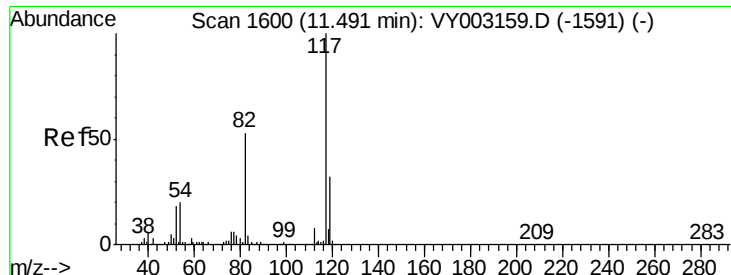
Tgt Ion: 107 Resp: 548354
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 129.259 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 95 Resp: 731484
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 190.6
 176 91.7 0.0 186.4

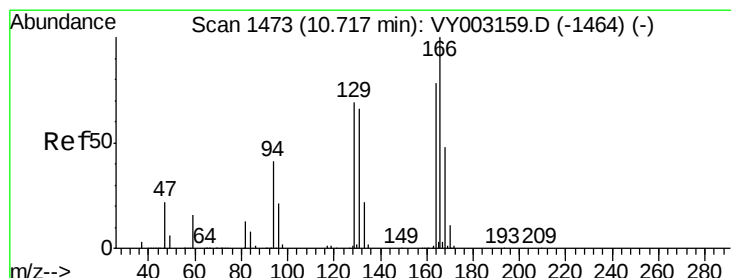
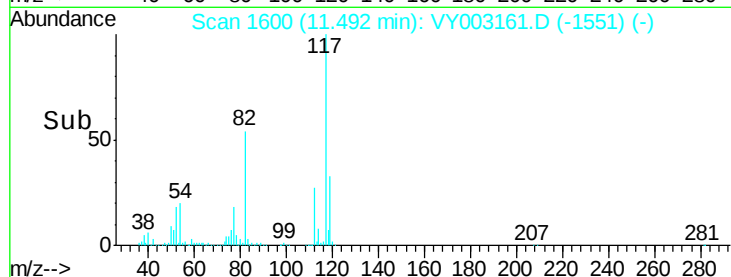
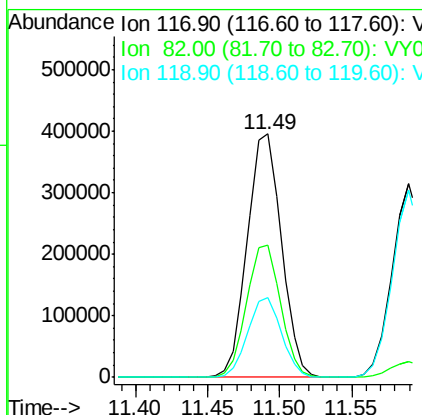
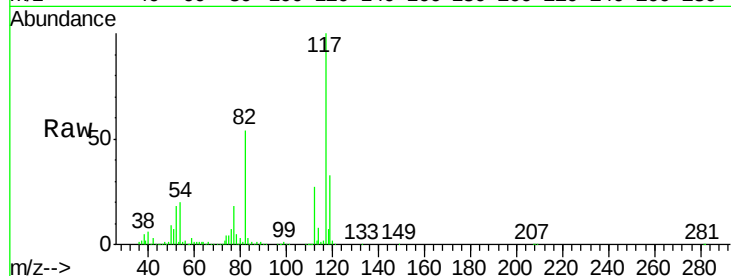




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

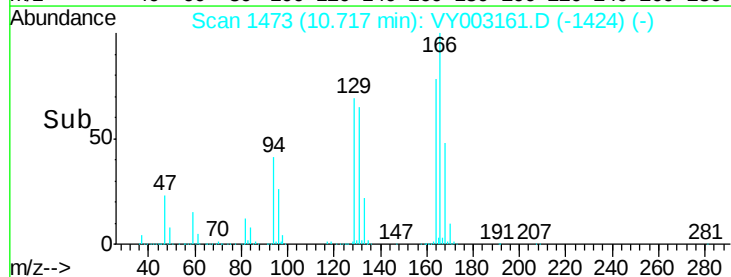
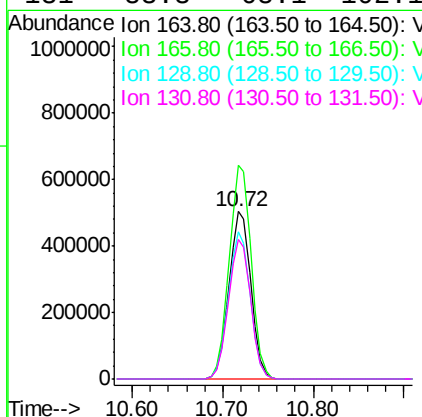
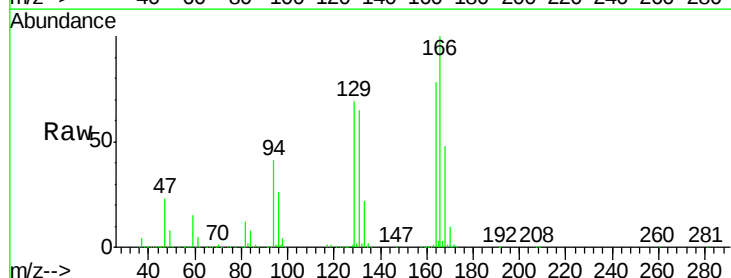
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 649589
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 153.361 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion:164 Resp: 839513
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 87.8 71.4 107.2
131 83.3 68.1 102.1

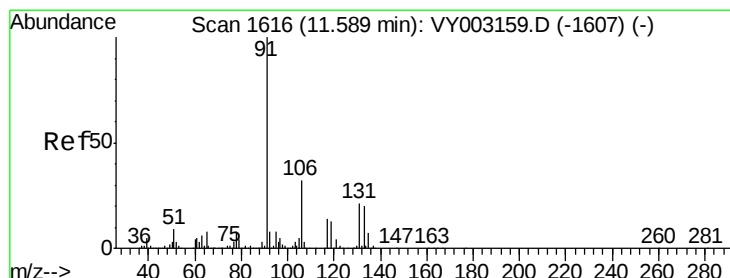
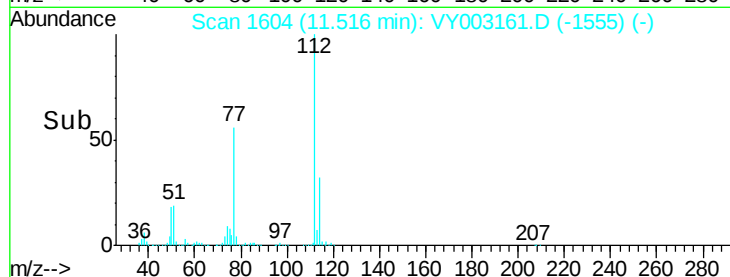
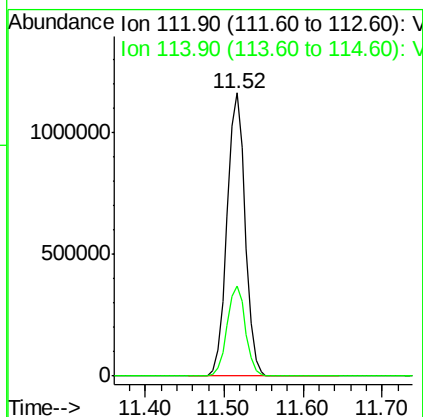
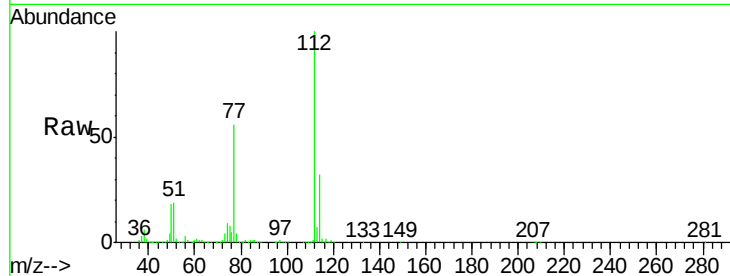




#65
Chlorobenzene
Concen: 145.911 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

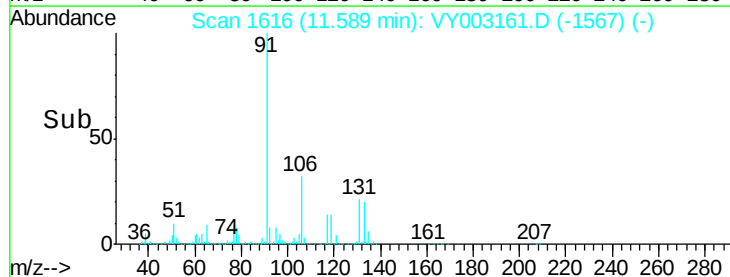
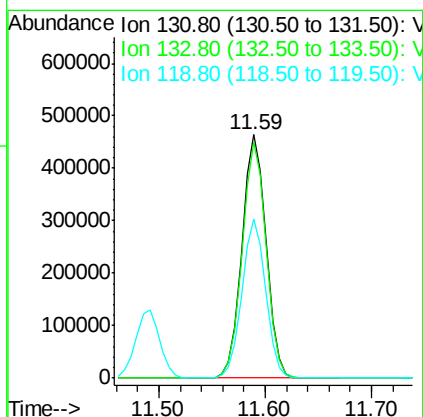
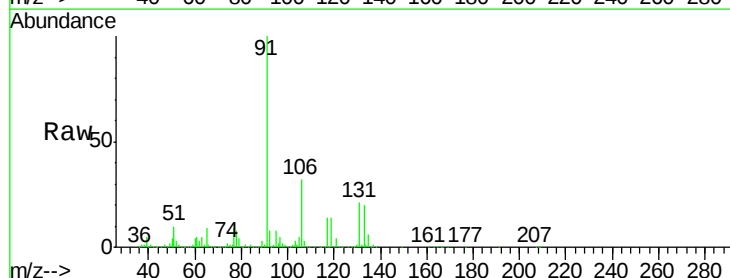
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

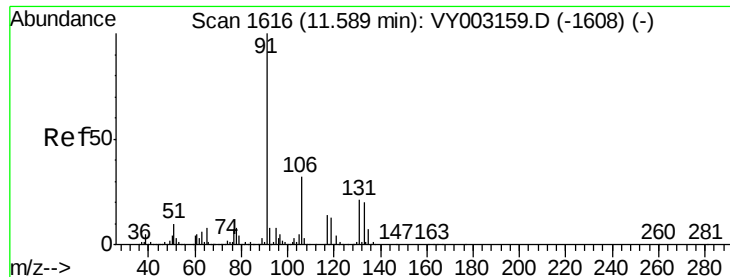
Tgt Ion:112 Resp: 1846609
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 149.881 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion:131 Resp: 738154
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 64.5 32.4 97.0

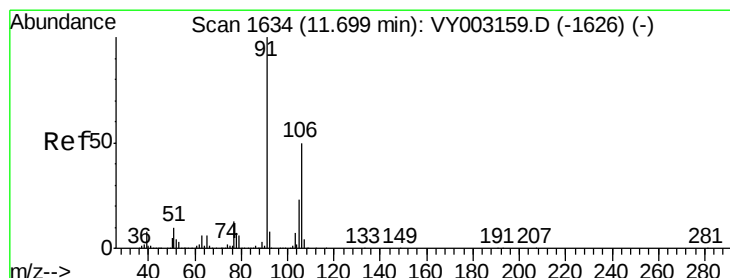
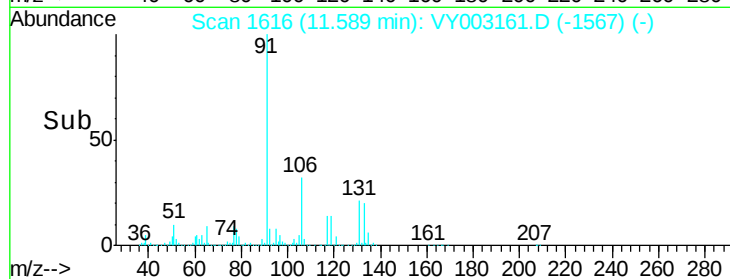
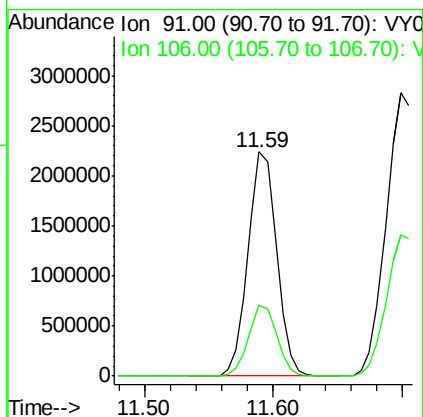
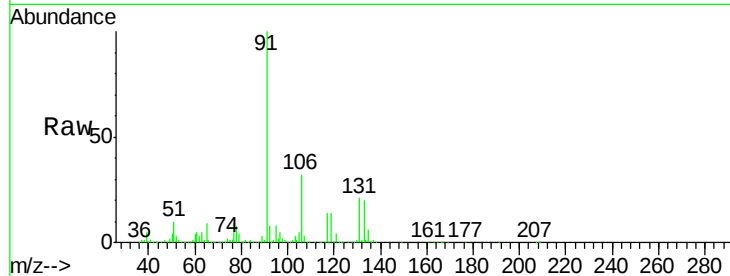




#67
Ethyl Benzene
Concen: 147.886 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

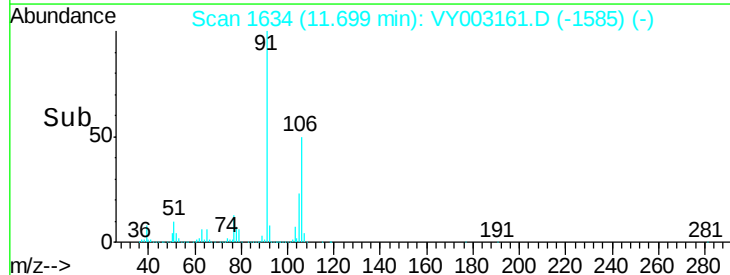
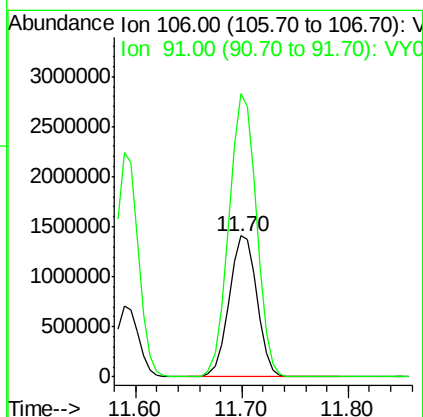
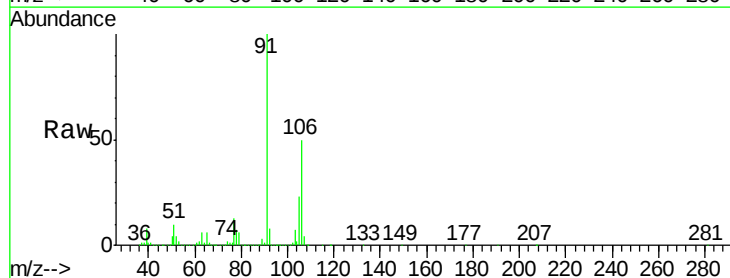
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3416352
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 299.706 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 106 Resp: 2575451
Ion Ratio Lower Upper
106 100
91 199.3 159.0 238.6

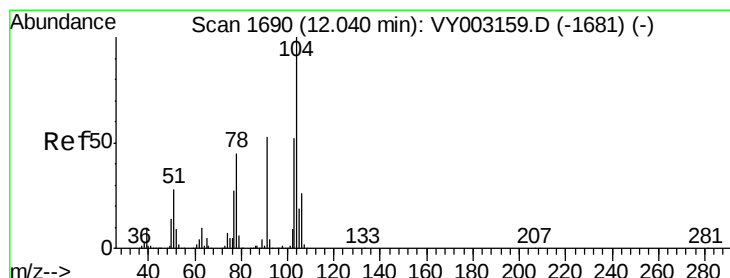
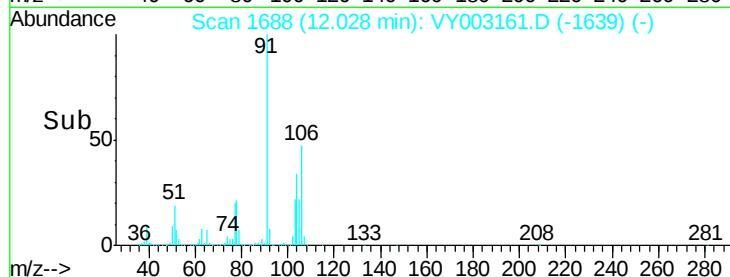
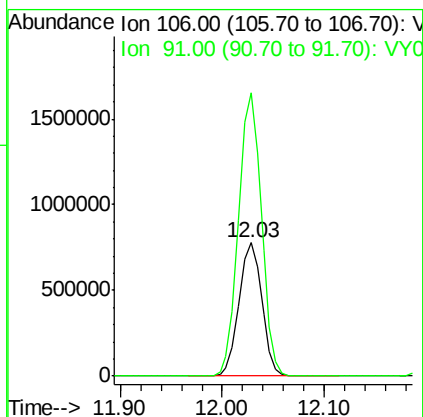
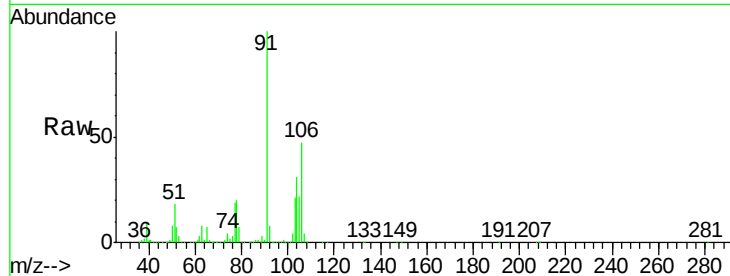




#69
o-Xylene
Concen: 148.915 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

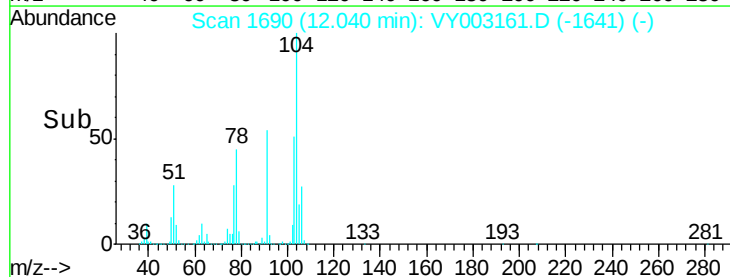
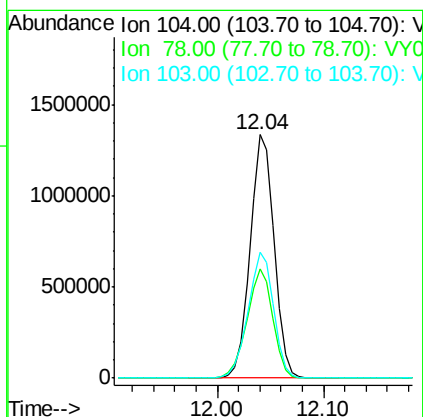
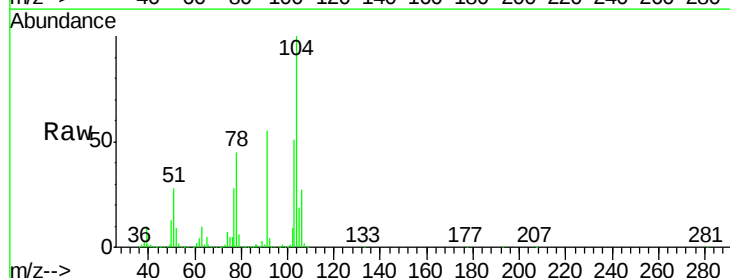
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

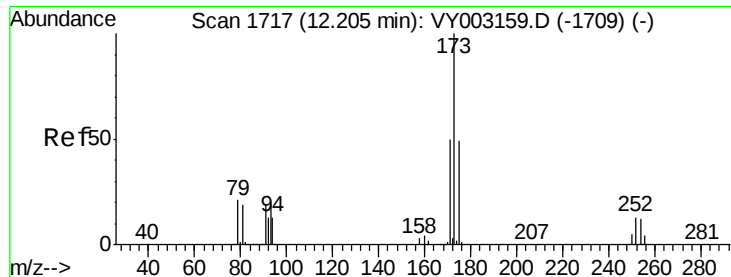
Tgt Ion:106 Resp: 1206956
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.1



#70
Styrene
Concen: 151.986 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion:104 Resp: 2105186
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.1 43.9 65.9





#71

Bromoform

Concen: 146.845 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

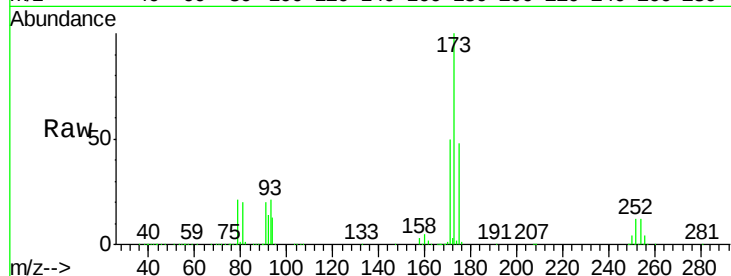
Tgt Ion:173 Resp: 480538

Ion Ratio Lower Upper

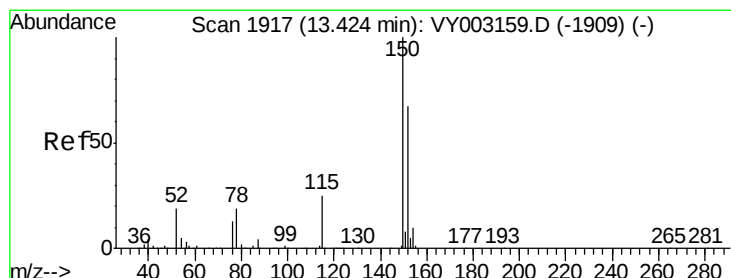
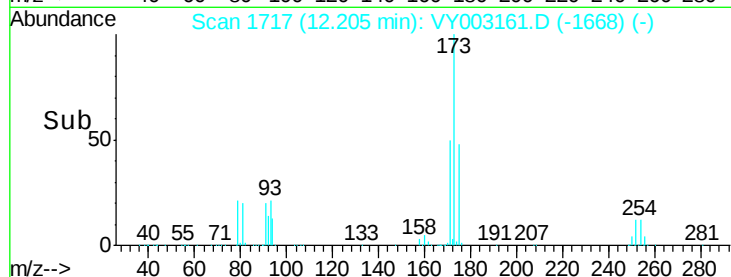
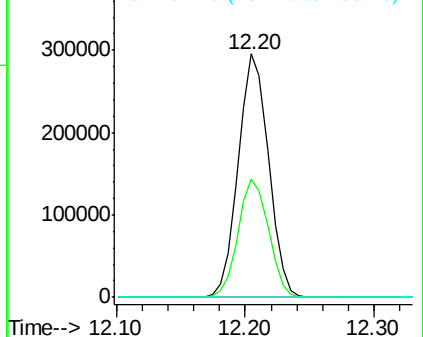
173 100

175 48.7 24.3 73.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

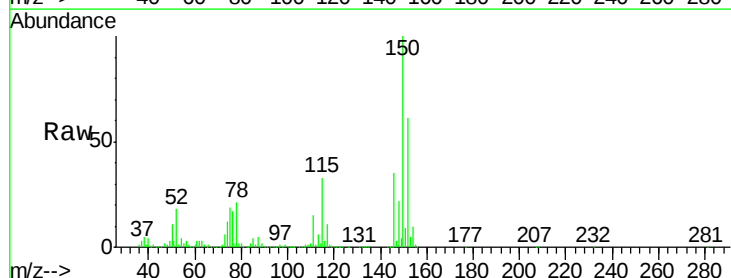
Tgt Ion:152 Resp: 328748

Ion Ratio Lower Upper

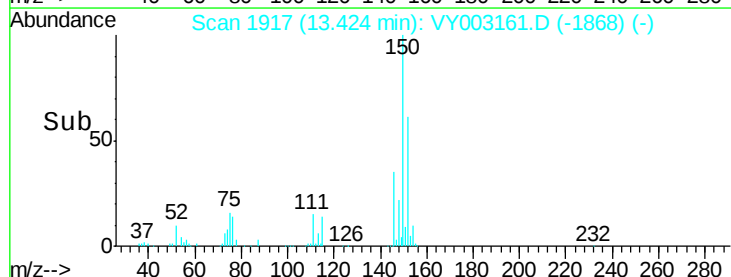
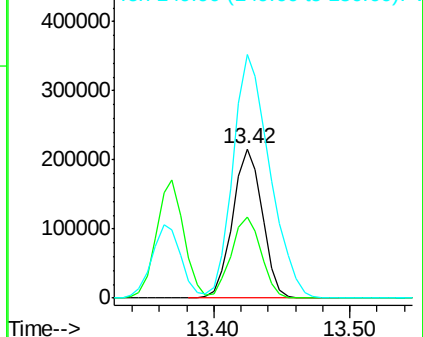
152 100

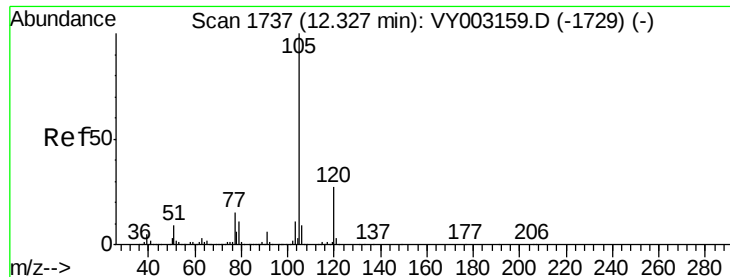
115 54.8 26.9 80.7

150 201.7 0.0 338.0



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: 153.599 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

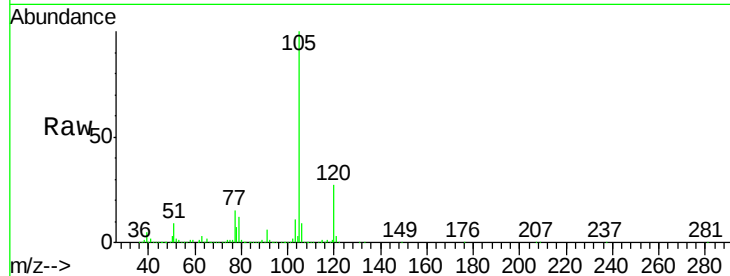
VSTDIC150

Tgt Ion:105 Resp: 3268006

Ion Ratio Lower Upper

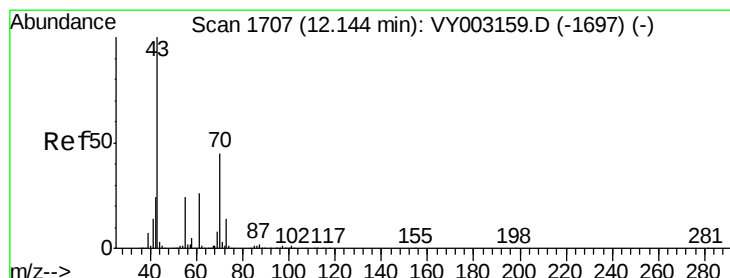
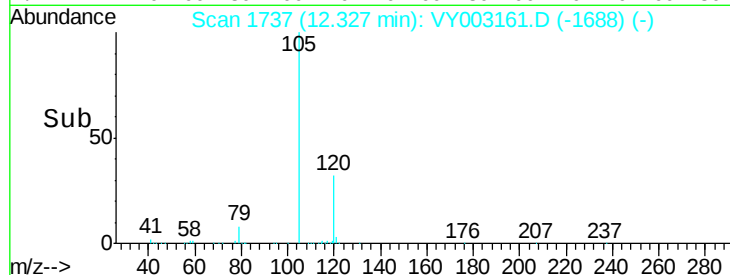
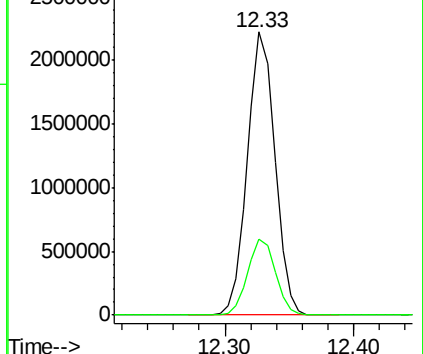
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 137.496 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Tgt Ion: 43 Resp: 929755

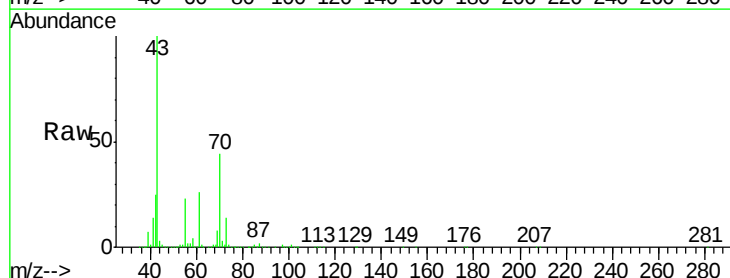
Ion Ratio Lower Upper

43 100

70 44.0 35.6 53.4

55 23.5 19.4 29.2

61 25.6 20.8 31.2

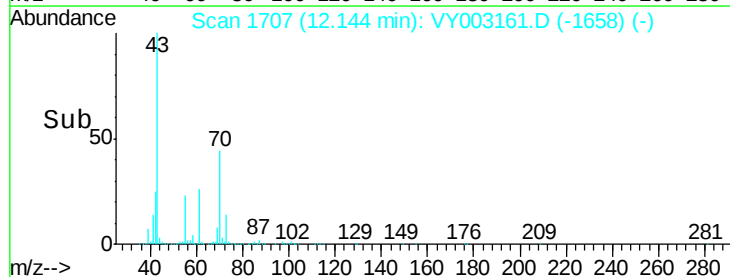
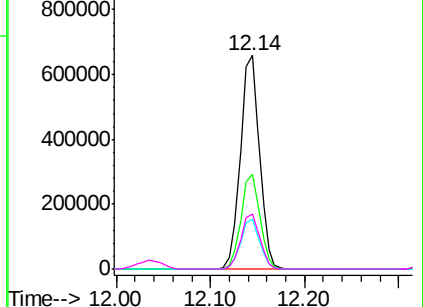


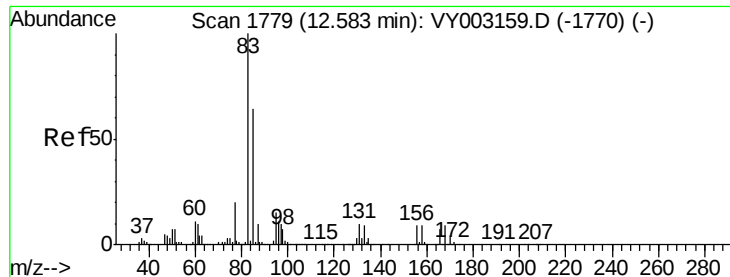
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 143.055 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

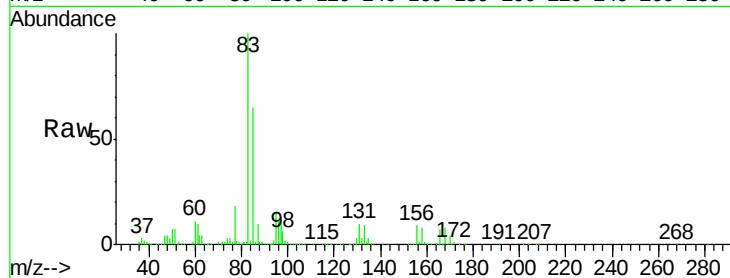
Tgt Ion: 83 Resp: 609216

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

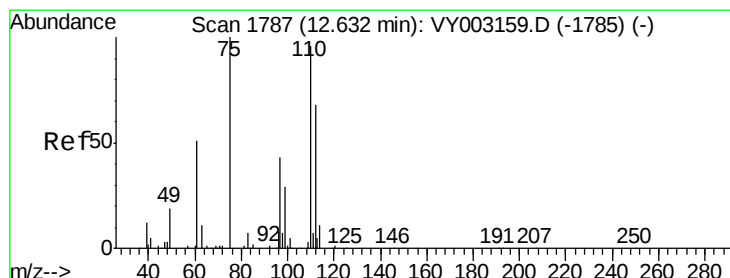
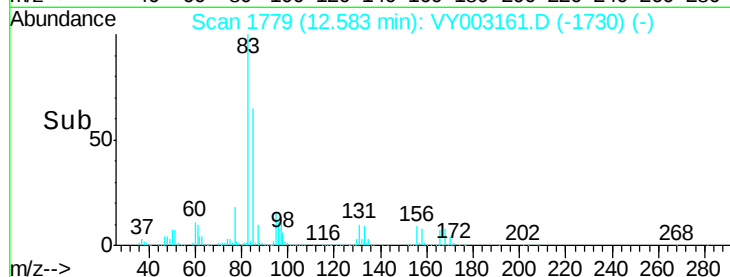
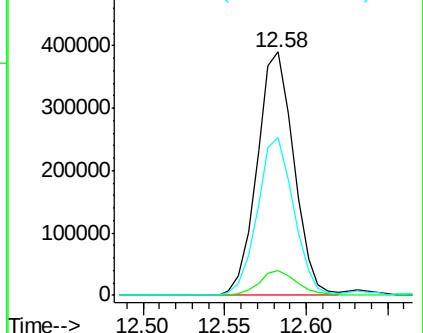
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY003161.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003161.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003161.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 267.473 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003161.D

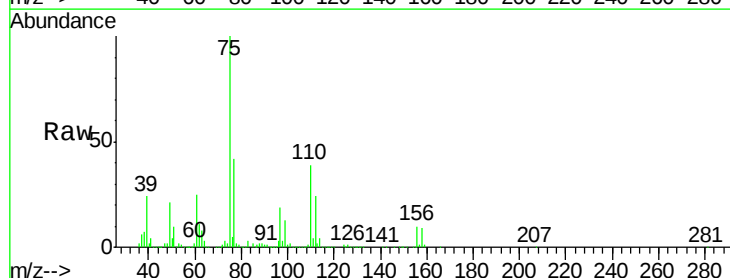
Acq: 10 Jul 2020 13:02

Tgt Ion: 75 Resp: 845309

Ion Ratio Lower Upper

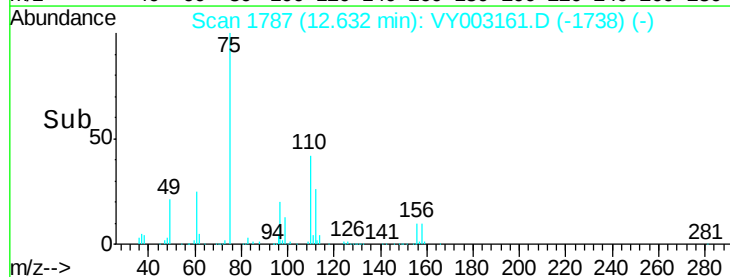
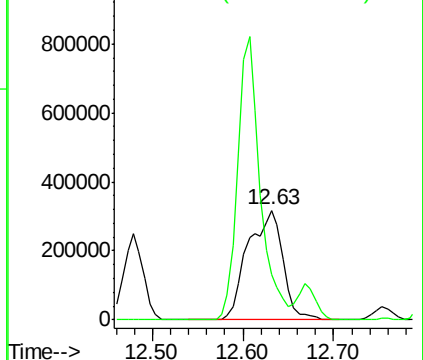
75 100

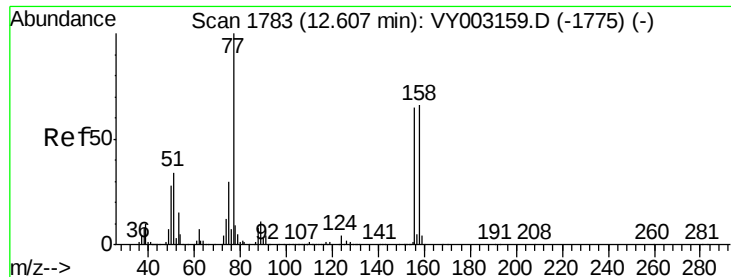
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003161.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003161.D (-1738) (-)





#77

Bromobenzene

Concen: 151.144 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

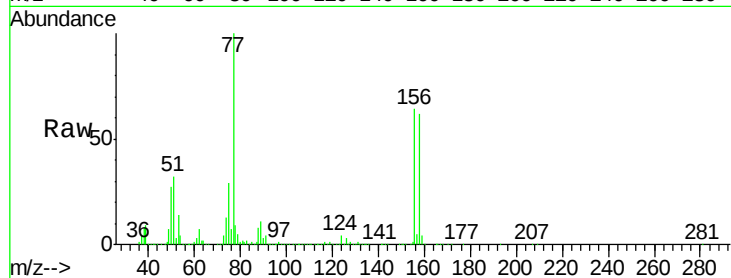
Tgt Ion:156 Resp: 823552

Ion Ratio Lower Upper

156 100

77 171.8 86.6 259.7

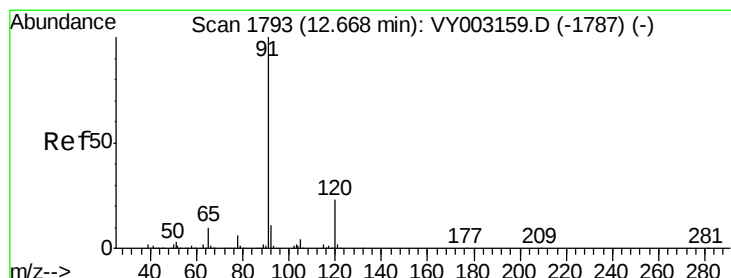
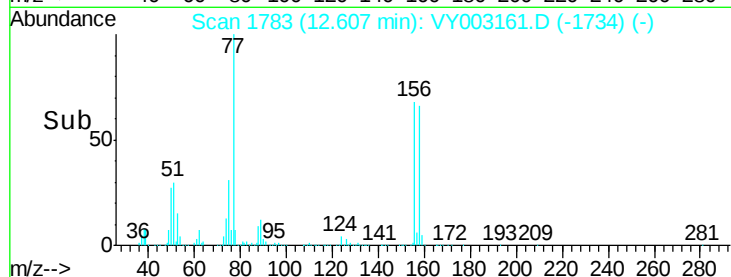
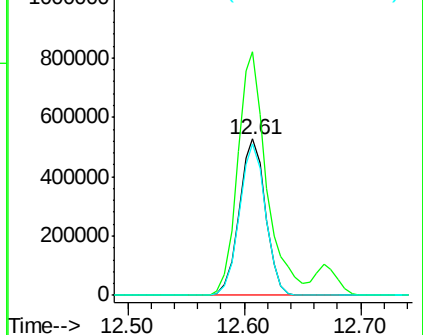
158 96.8 49.4 148.0



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: 149.182 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003161.D

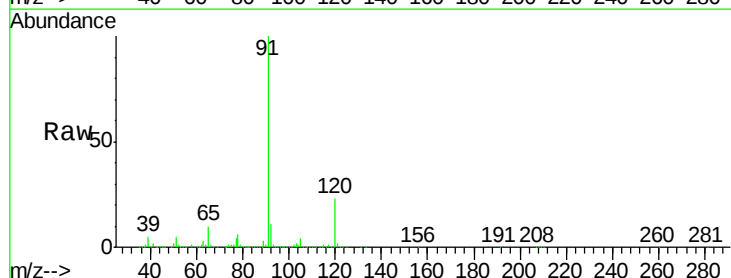
Acq: 10 Jul 2020 13:02

Tgt Ion: 91 Resp: 3807910

Ion Ratio Lower Upper

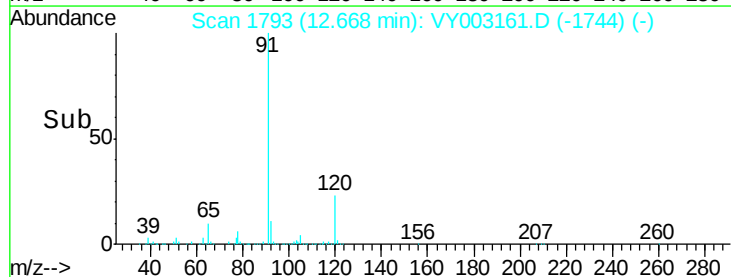
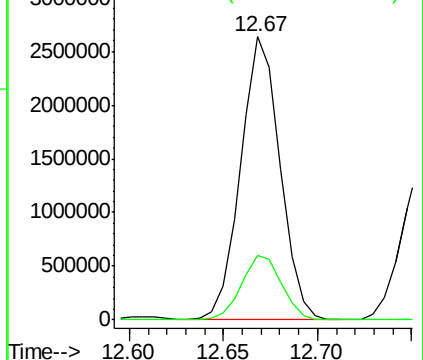
91 100

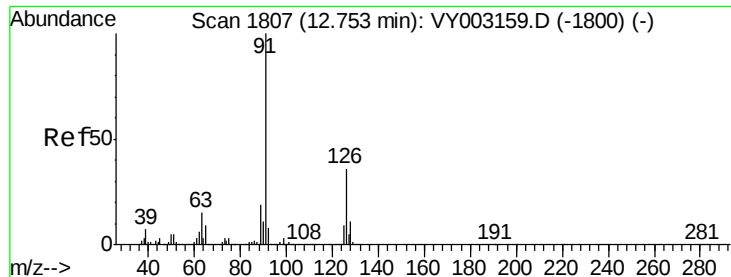
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.877 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

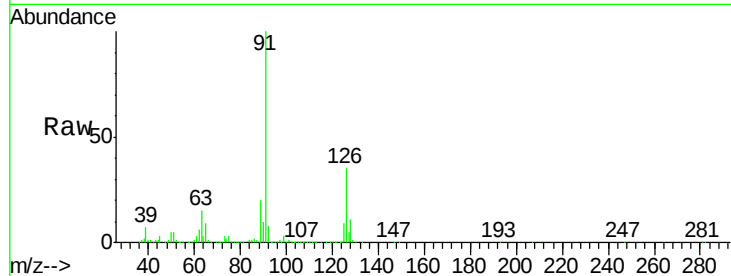
VSTDIC150

Tgt Ion: 91 Resp: 2106379

Ion Ratio Lower Upper

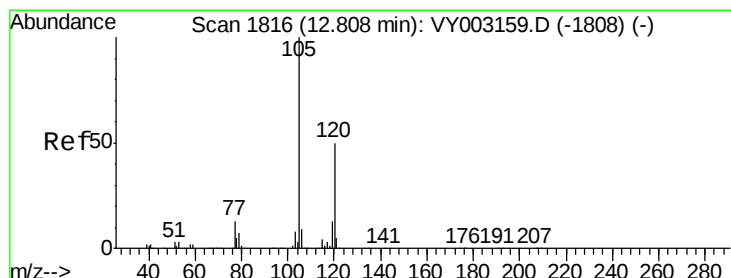
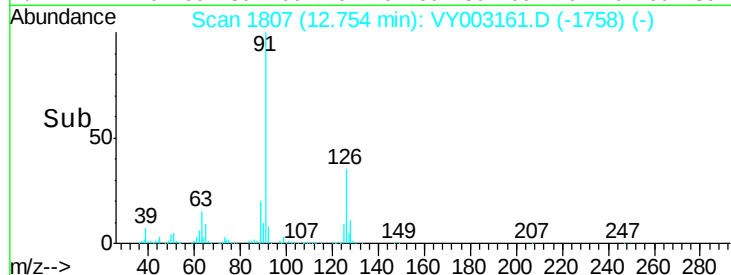
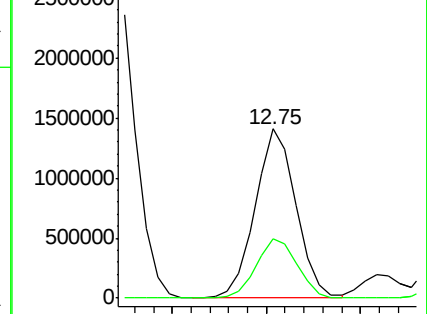
91 100

126 35.5 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 150.312 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003161.D

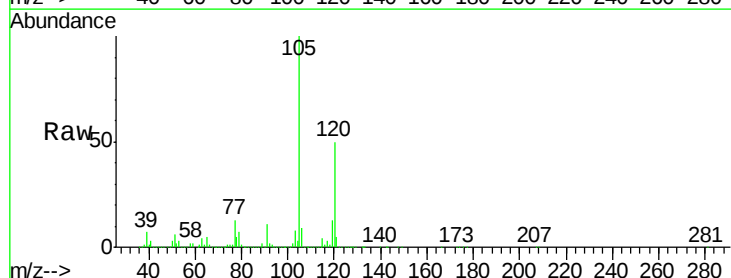
Acq: 10 Jul 2020 13:02

Tgt Ion: 105 Resp: 2680461

Ion Ratio Lower Upper

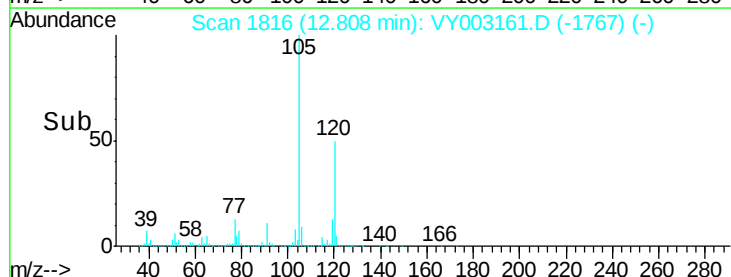
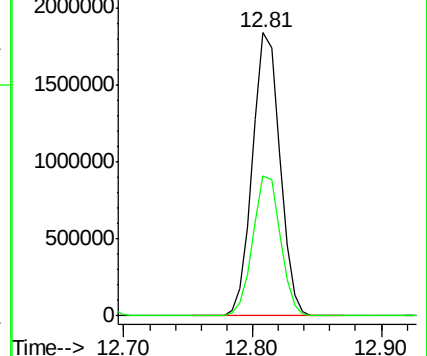
105 100

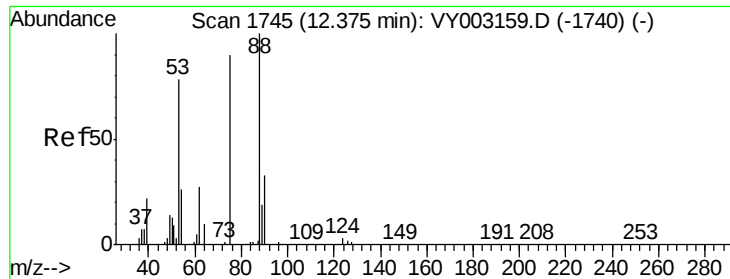
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 147.163 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

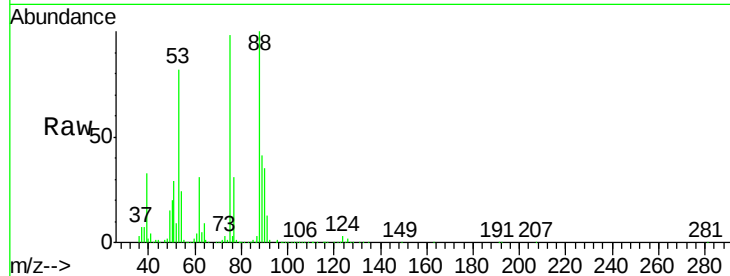
Tgt Ion: 75 Resp: 239307

Ion Ratio Lower Upper

75 100

53 85.2 72.0 108.0

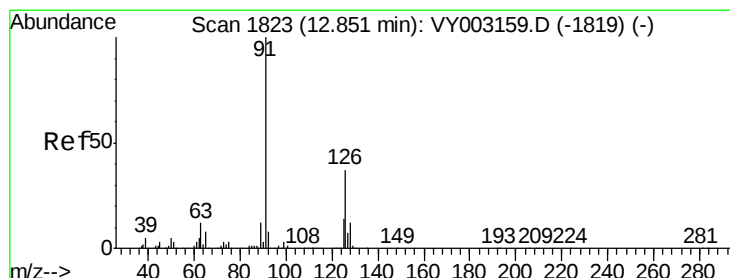
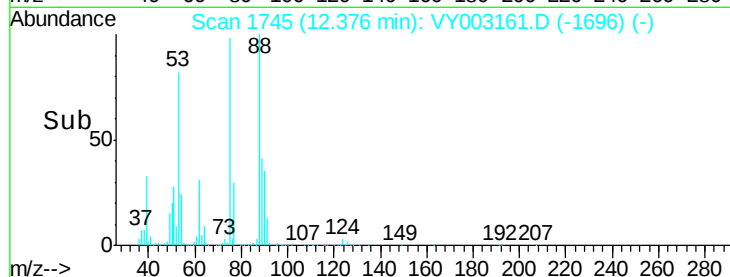
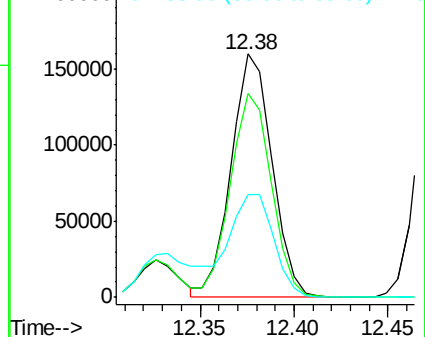
89 44.5 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 148.433 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003161.D

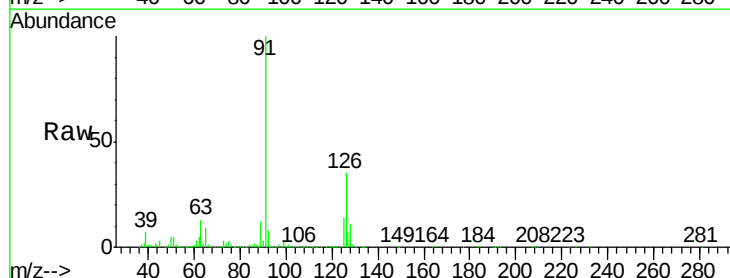
Acq: 10 Jul 2020 13:02

Tgt Ion: 91 Resp: 2200077

Ion Ratio Lower Upper

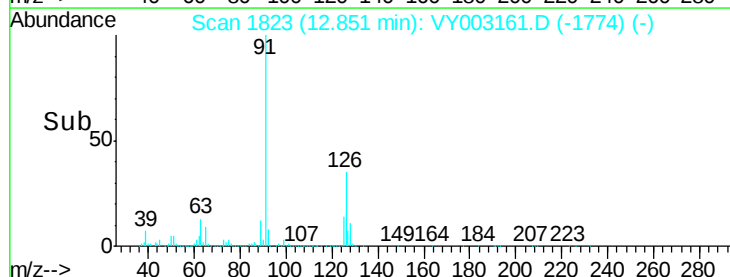
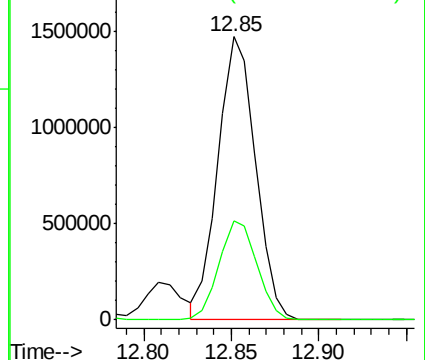
91 100

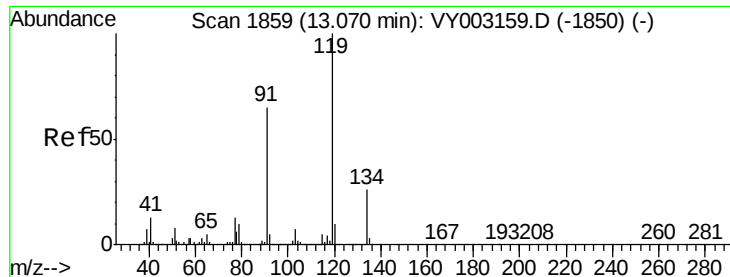
126 35.4 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 151.048 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

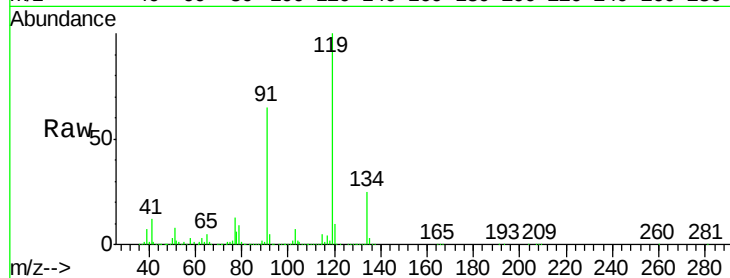
Tgt Ion:119 Resp: 2367599

Ion Ratio Lower Upper

119 100

91 62.4 30.8 92.4

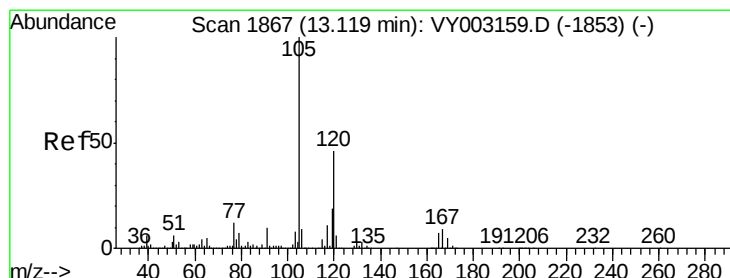
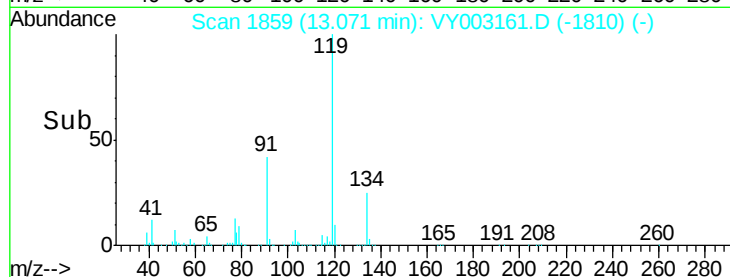
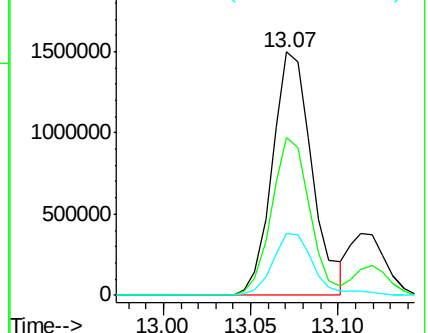
134 26.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 149.422 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003161.D

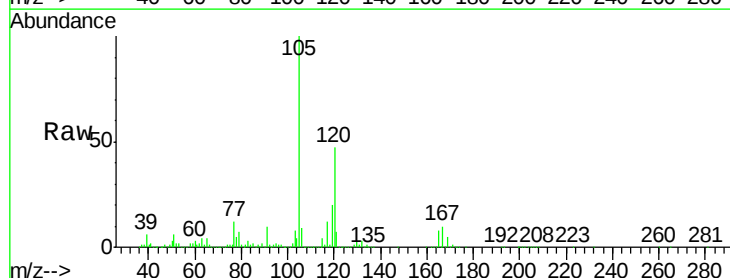
Acq: 10 Jul 2020 13:02

Tgt Ion:105 Resp: 2685905

Ion Ratio Lower Upper

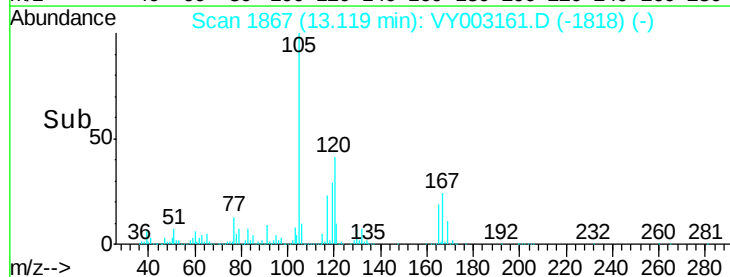
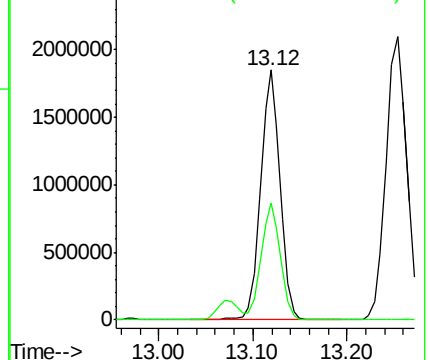
105 100

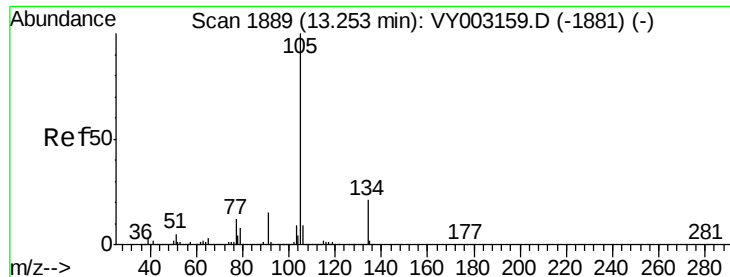
120 46.5 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 147.566 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

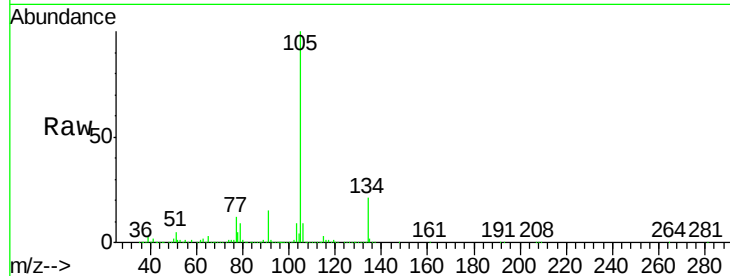
VSTDIC150

Tgt Ion:105 Resp: 3184471

Ion Ratio Lower Upper

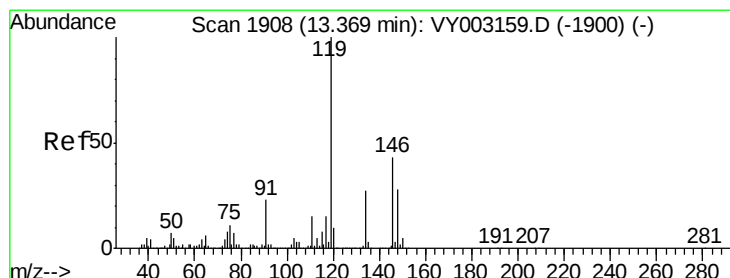
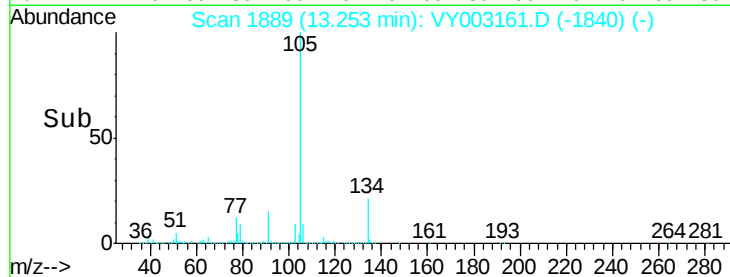
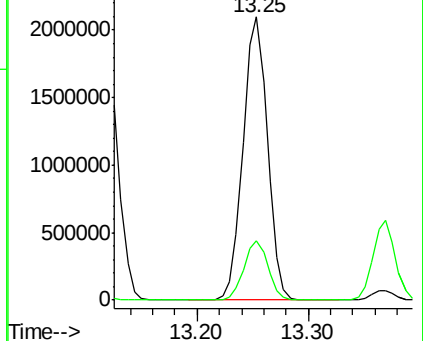
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.107 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

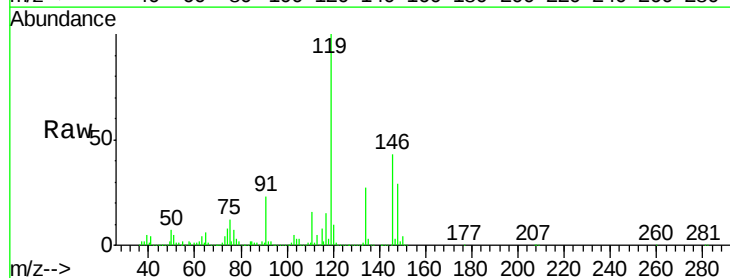
Tgt Ion:119 Resp: 3045396

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

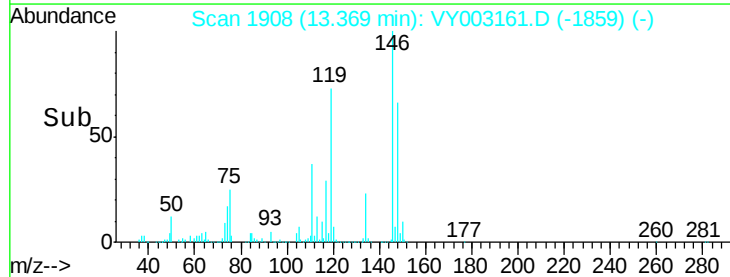
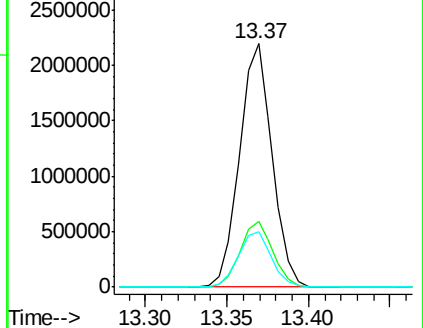
91 23.0 11.2 33.6

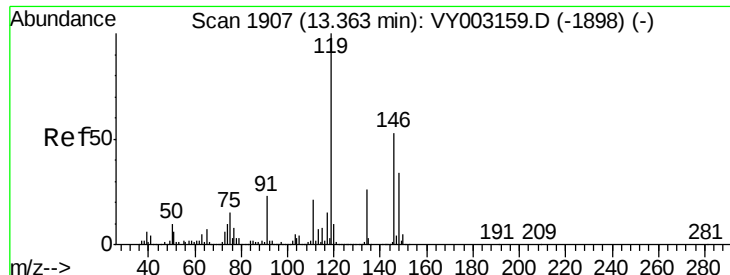


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 151.802 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

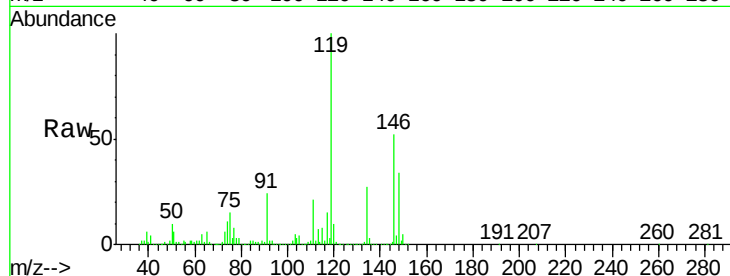
Tgt Ion:146 Resp: 1544676

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

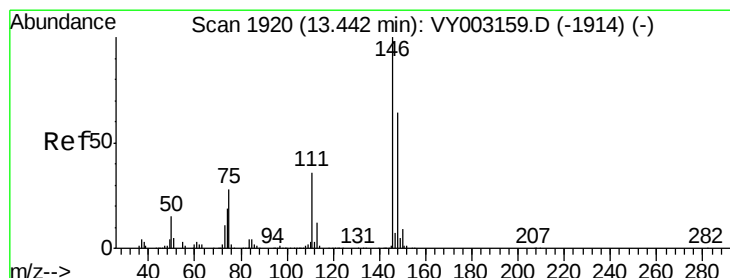
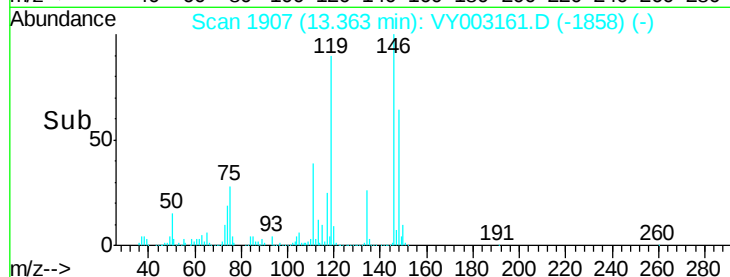
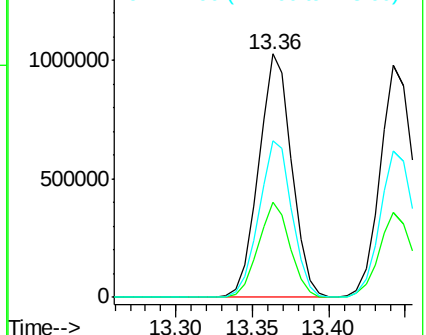
148 64.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 147.006 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003161.D

Acq: 10 Jul 2020 13:02

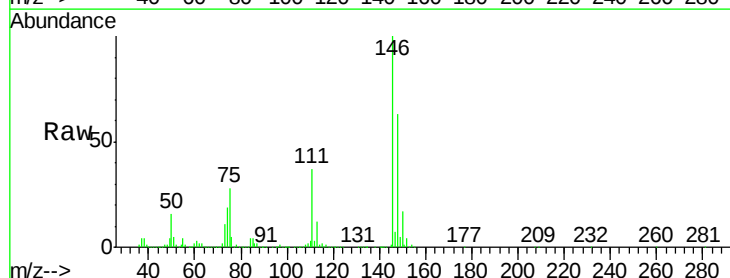
Tgt Ion:146 Resp: 1474743

Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.0

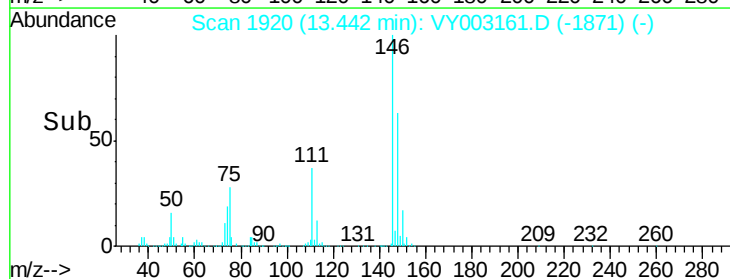
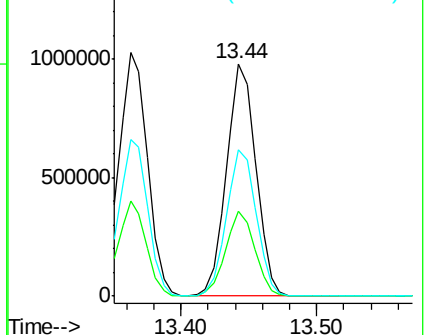
148 63.7 32.0 96.0

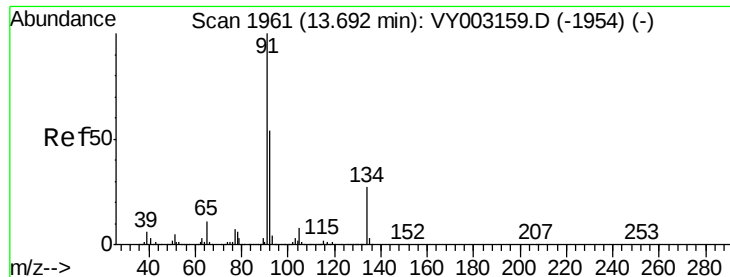


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

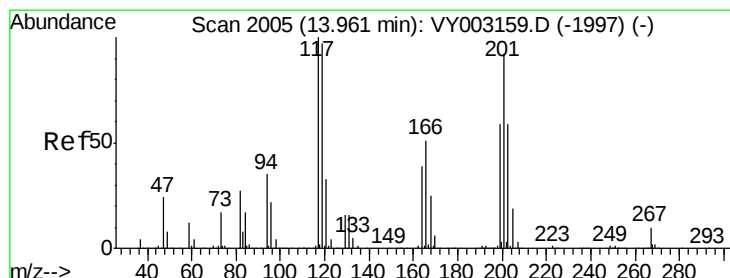
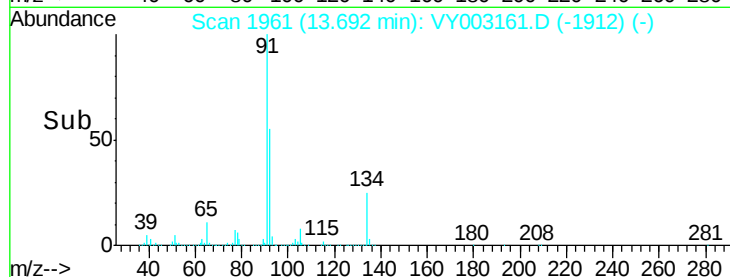
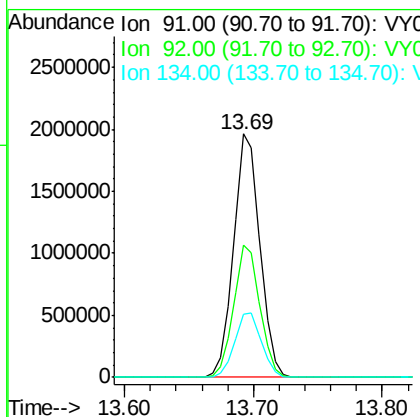
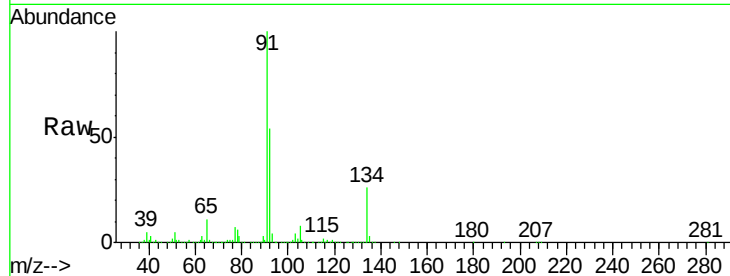




#89
n-Butylbenzene
Concen: 145.850 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

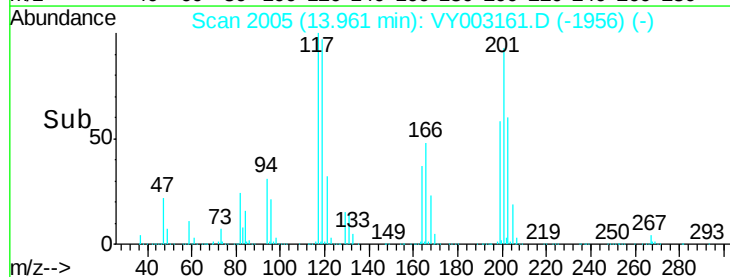
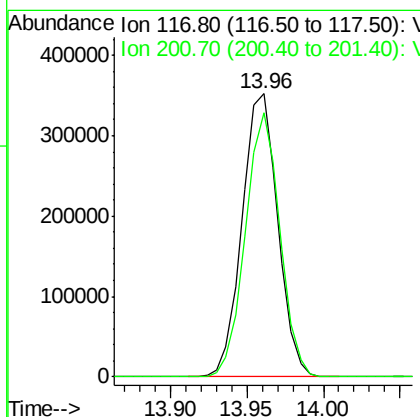
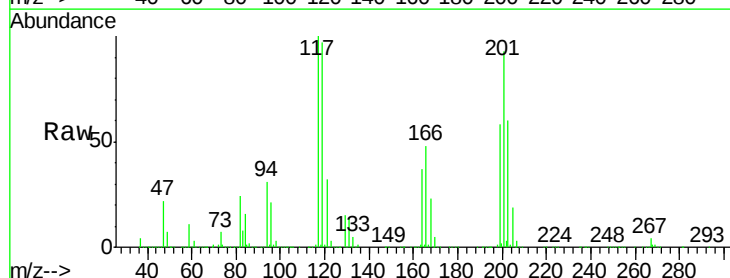
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

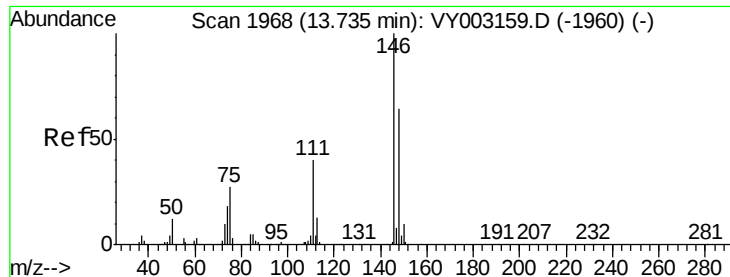
Tgt Ion: 91 Resp: 2786280
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 145.307 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion: 117 Resp: 571459
Ion Ratio Lower Upper
117 100
201 90.3 45.1 135.3

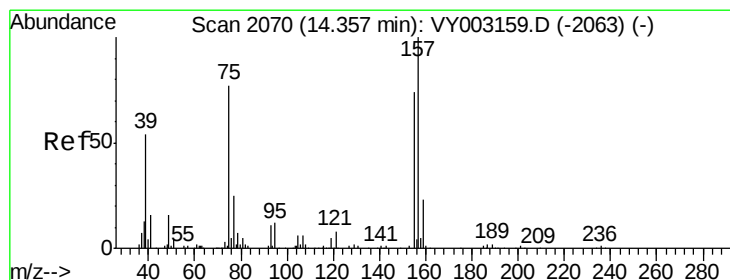
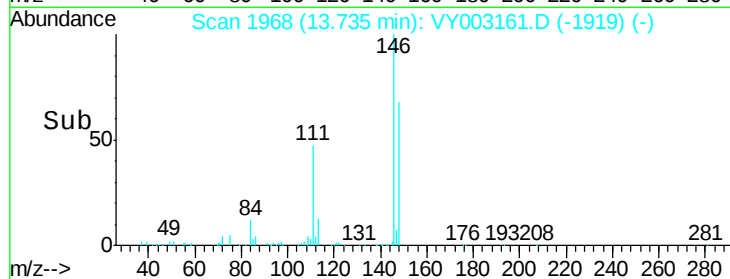
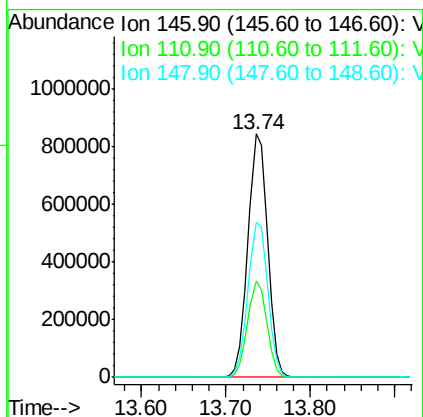
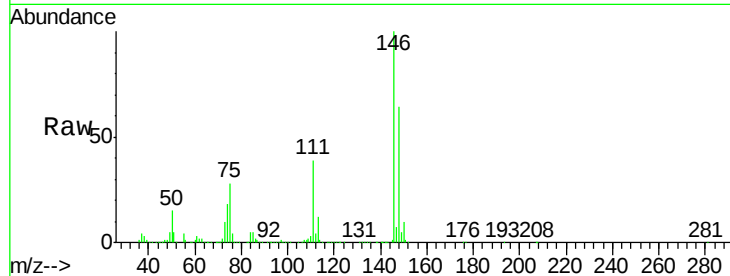




#91
 1,2-Dichlorobenzene
 Concen: 144.547 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

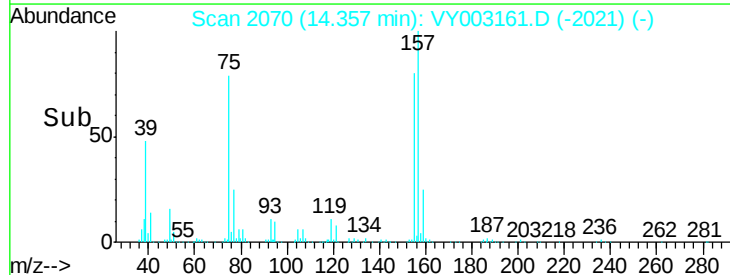
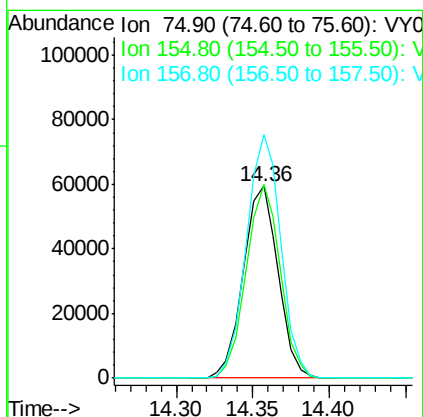
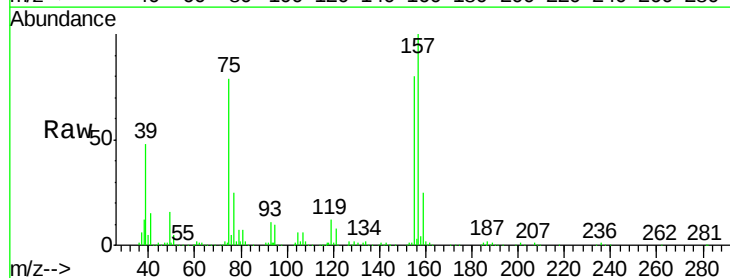
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

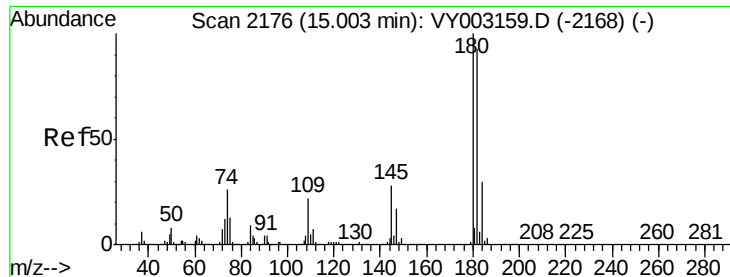
Tgt Ion:146 Resp: 1313929
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 64.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.064 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion: 75 Resp: 93675
 Ion Ratio Lower Upper
 75 100
 155 99.2 48.1 144.3
 157 126.0 61.9 185.6

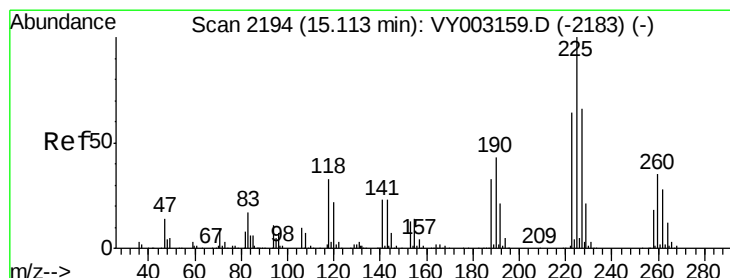
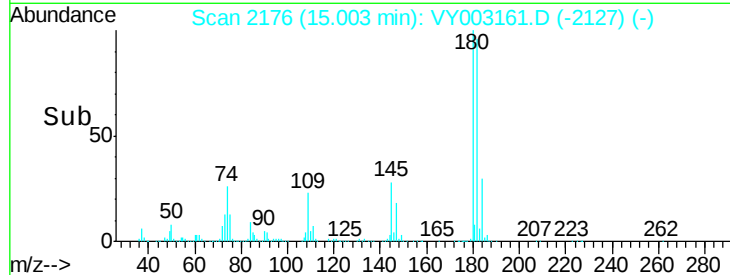
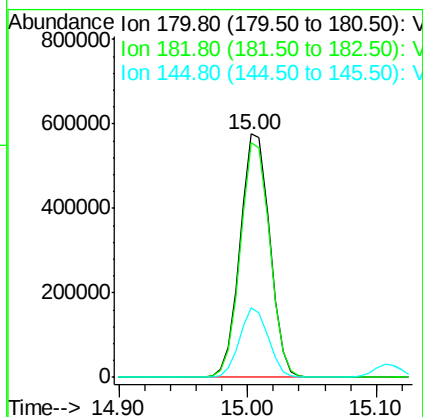
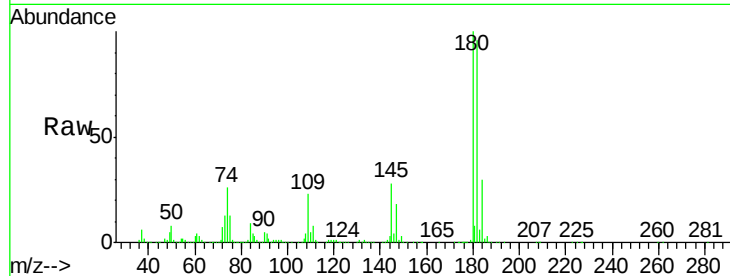




#93
 1,2,4-Trichlorobenzene
 Concen: 136.107 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

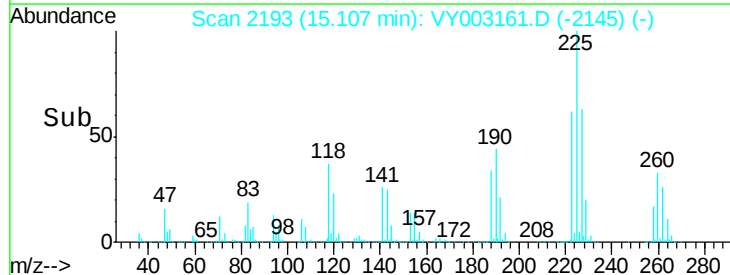
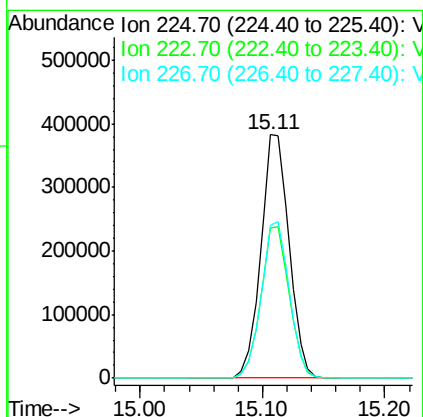
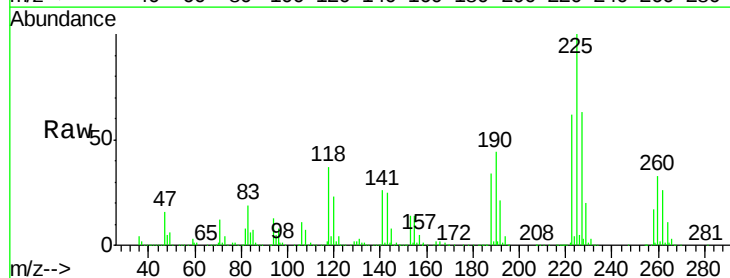
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

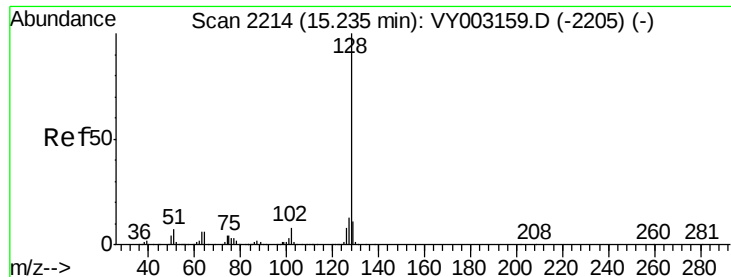
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	27.6	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 143.673 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003161.D
 Acq: 10 Jul 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	94.7
227	63.8	32.3	96.8

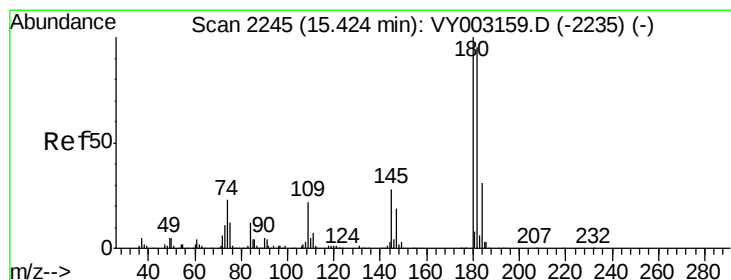
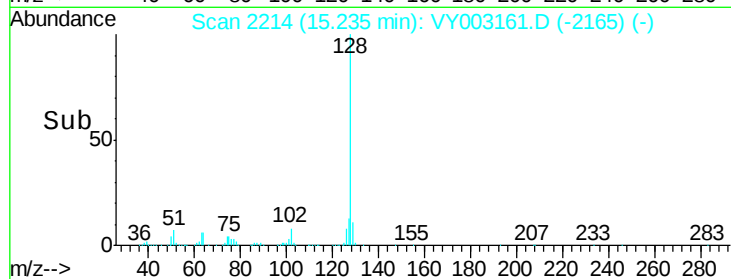
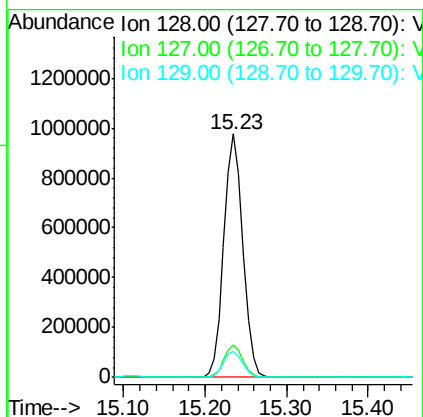
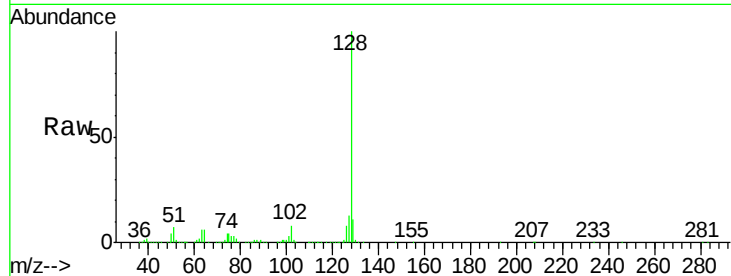




#95
Naphthalene
Concen: 130.413 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1567063
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 126.767 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003161.D
Acq: 10 Jul 2020 13:02

Tgt Ion:180 Resp: 725416
Ion Ratio Lower Upper
180 100
182 96.0 48.8 146.3
145 29.3 14.9 44.5

