

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003372.D
 Acq On : 28 Jul 2020 13:52
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	458667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	191603	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.72	113	187630	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.18	98	674766	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	12.48	95	249252	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	72381	22.018	ug/l	98
3) Chloromethane	2.12	50	99342	21.786	ug/l	99
4) Vinyl Chloride	2.26	62	101453	21.685	ug/l	98
5) Bromomethane	2.65	94	77535	22.312	ug/l	100
6) Chloroethane	2.79	64	65005	21.154	ug/l	95
7) Trichlorofluoromethane	3.13	101	146244	21.888	ug/l	96
8) Diethyl Ether	3.53	74	50214	22.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	86549	21.448	ug/l	99
10) Methyl Iodide	4.09	142	87630	19.988	ug/l	99
11) Tert butyl alcohol	4.96	59	54085	129.201	ug/l	95
12) 1,1-Dichloroethene	3.87	96	83574	21.897	ug/l	98
13) Acrolein	3.74	56	24201	66.606	ug/l	99
14) Allyl chloride	4.49	41	134186	23.694	ug/l	96
15) Acrylonitrile	5.18	53	123022	114.388	ug/l	97
16) Acetone	3.95	43	103886	120.136	ug/l	92
17) Carbon Disulfide	4.19	76	252805	21.585	ug/l	98
18) Methyl Acetate	4.48	43	59151	24.631	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	229981	21.502	ug/l	97
20) Methylene Chloride	4.72	84	115970	23.772	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	93439	21.645	ug/l	98
22) Diisopropyl ether	6.13	45	287583	22.880	ug/l	96
23) Vinyl Acetate	6.07	43	924799	110.389	ug/l	99
24) 1,1-Dichloroethane	6.02	63	162440	22.307	ug/l	99
25) 2-Butanone	6.99	43	160861	113.297	ug/l	94
26) 2,2-Dichloropropane	6.99	77	148619	22.663	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	102450	21.555	ug/l	98
28) Bromochloromethane	7.34	49	74823	23.733	ug/l	96
29) Tetrahydrofuran	7.36	42	108496	113.750	ug/l	96
30) Chloroform	7.51	83	165618	22.083	ug/l	97
31) Cyclohexane	7.79	56	156161	22.177	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	150803	22.335	ug/l	98
36) 1,1-Dichloropropene	7.92	75	130472	21.295	ug/l	99
37) Ethyl Acetate	7.08	43	74281	22.512	ug/l	98
38) Carbon Tetrachloride	7.90	117	137606	21.755	ug/l	99

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Quant Time: Jul 29 02:30:42 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	160335	20.831	ug/l	95
40) Benzene	8.16	78	363670	21.557	ug/l	96
41) Methacrylonitrile	7.35	41	98252	49.442	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	109009	20.988	ug/l	96
43) Isopropyl Acetate	8.28	43	138401	21.670	ug/l	99
44) Trichloroethene	8.94	130	103608	20.034	ug/l	98
45) 1,2-Dichloropropane	9.22	63	94457	21.638	ug/l	97
46) Dibromomethane	9.30	93	52886	20.743	ug/l	98
47) Bromodichloromethane	9.50	83	130475	21.517	ug/l	99
48) Methyl methacrylate	9.29	41	60965	21.352	ug/l	96
49) 1,4-Dioxane	9.30	88	12461	385.088	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	358457	107.981	ug/l	99
52) Toluene	10.24	92	230237	21.352	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	133751	21.289	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	156707	21.648	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	75587	20.921	ug/l	99
56) Ethyl methacrylate	10.51	69	100980	20.558	ug/l	97
57) 1,3-Dichloropropane	10.79	76	129384	21.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	288060	114.991	ug/l	98
59) 2-Hexanone	10.83	43	252172	108.820	ug/l	99
60) Dibromochloromethane	10.99	129	95519	21.020	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71234	19.977	ug/l	98
64) Tetrachloroethene	10.72	164	105962	19.364	ug/l	98
65) Chlorobenzene	11.52	112	252227	21.333	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	97621	21.259	ug/l	98
67) Ethyl Benzene	11.59	91	447011	21.175	ug/l	96
68) m/p-Xylenes	11.70	106	341203	42.598	ug/l	99
69) o-Xylene	12.03	106	159504	21.316	ug/l	99
70) Styrene	12.04	104	270275	21.114	ug/l	99
71) Bromoform	12.20	173	63435	21.047	ug/l #	99
73) Isopropylbenzene	12.33	105	438665	20.844	ug/l	99
74) N-amyl acetate	12.14	43	127720	21.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87814	21.605	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	118819	40.647	ug/l #	100
77) Bromobenzene	12.61	156	112960	21.057	ug/l	98
78) n-propylbenzene	12.67	91	528606	21.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	291396	21.054	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	372916	21.261	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32432	21.593	ug/l #	79
82) 4-Chlorotoluene	12.85	91	307599	21.293	ug/l	99
83) tert-Butylbenzene	13.08	119	330052	21.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	376094	21.311	ug/l	99
85) sec-Butylbenzene	13.25	105	453622	21.325	ug/l	100
86) p-Isopropyltoluene	13.37	119	422967	21.296	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	210676	20.768	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	214928	21.400	ug/l	100
89) n-Butylbenzene	13.69	91	402326	21.535	ug/l	99
90) Hexachloroethane	13.96	117	80236	22.183	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	189217	21.254	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13355	20.267	ug/l	97

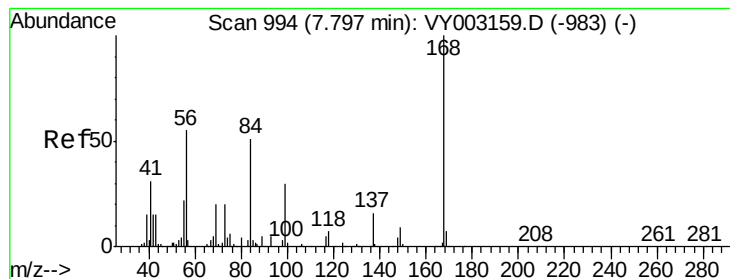
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	137427	21.699	ug/l	100
94) Hexachlorobutadiene	15.11	225	90740	20.910	ug/l	99
95) Naphthalene	15.23	128	221754	21.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	110775	22.127	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

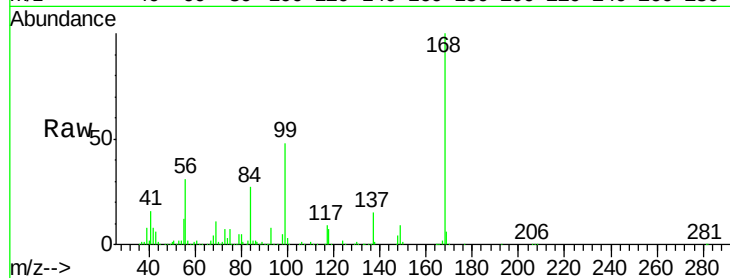
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 458667

Ion Ratio Lower Upper

168 100

99 48.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003372.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003372.D (-945) (-)

7.79

200000

150000

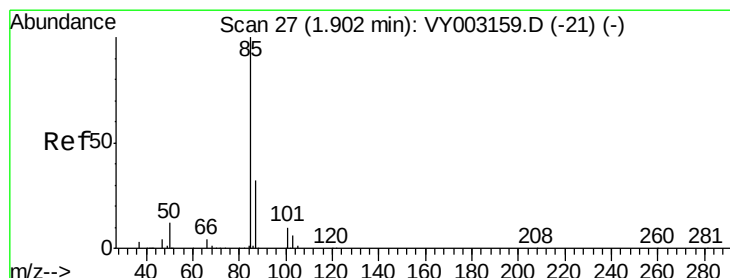
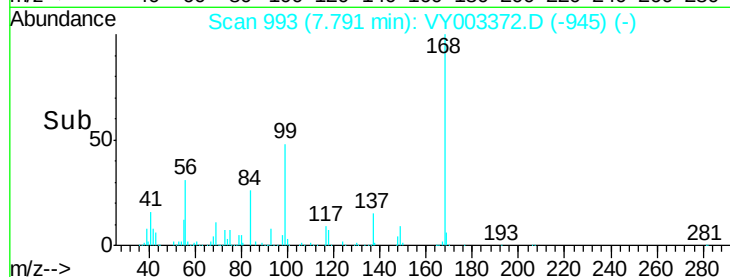
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.018 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003372.D

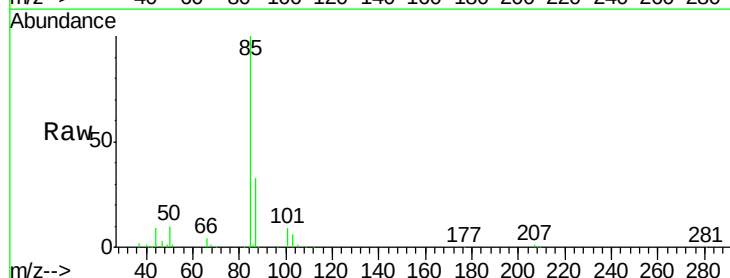
Acq: 28 Jul 2020 13:52

Tgt Ion: 85 Resp: 72381

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003372.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003372.D (-1) (-)

1.91

50000

40000

30000

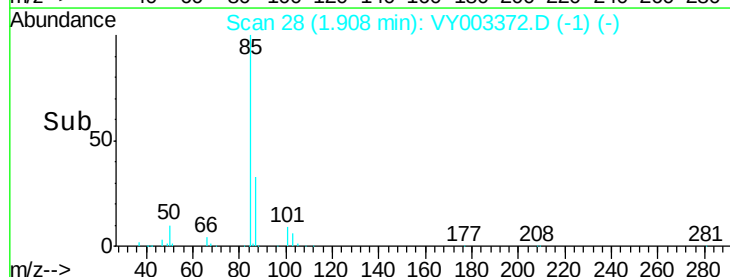
20000

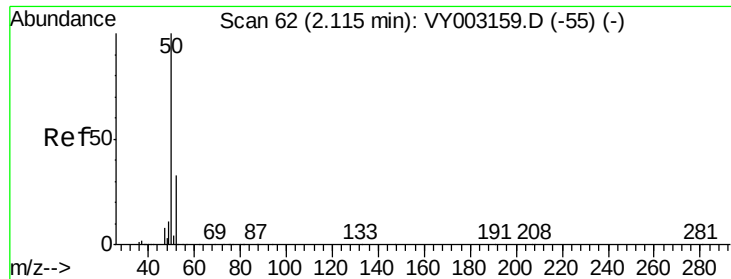
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.786 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

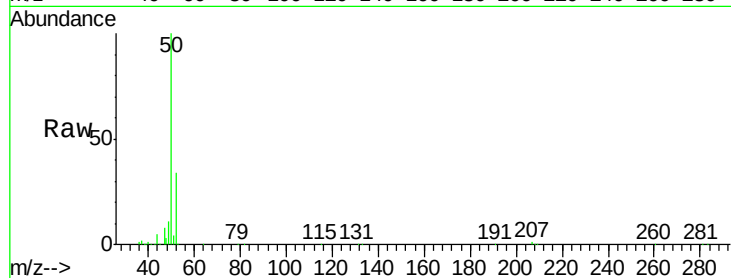
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 99342

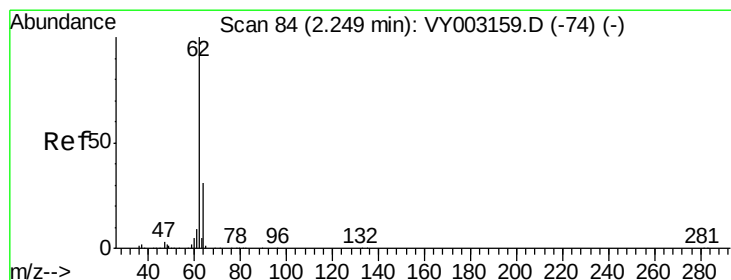
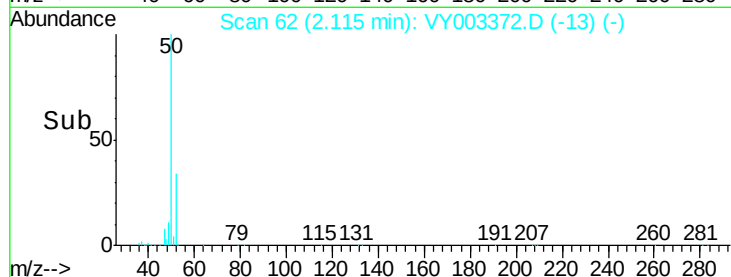
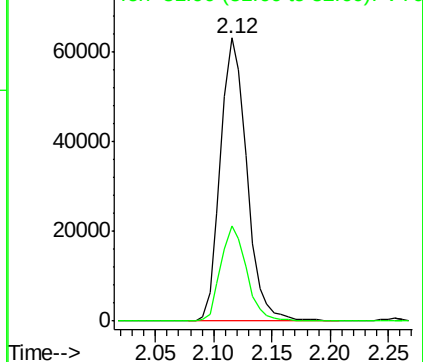
Ion Ratio Lower Upper

50 100

52 33.7 26.6 39.8



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



#4

Vinyl Chloride

Concen: 21.685 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003372.D

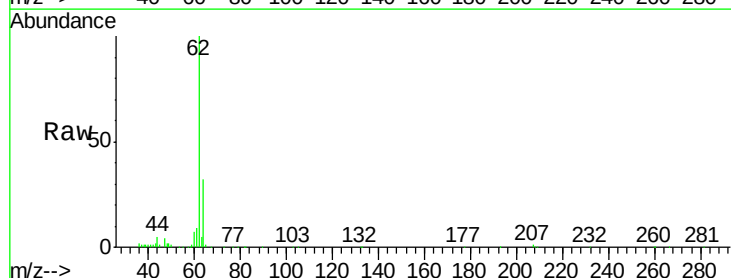
Acq: 28 Jul 2020 13:52

Tgt Ion: 62 Resp: 101453

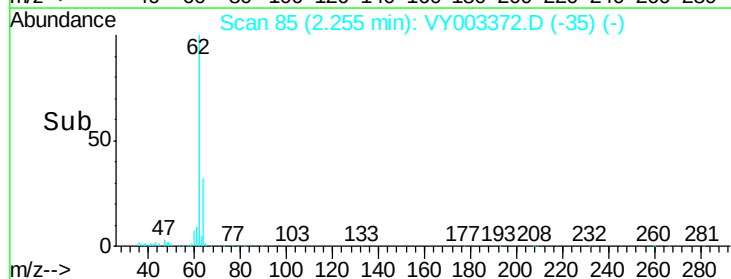
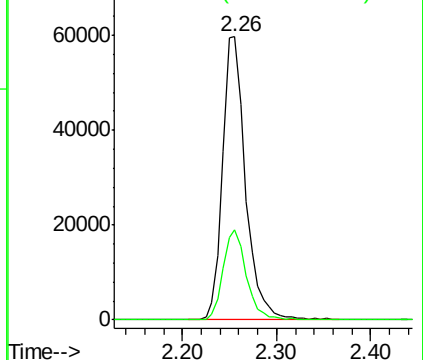
Ion Ratio Lower Upper

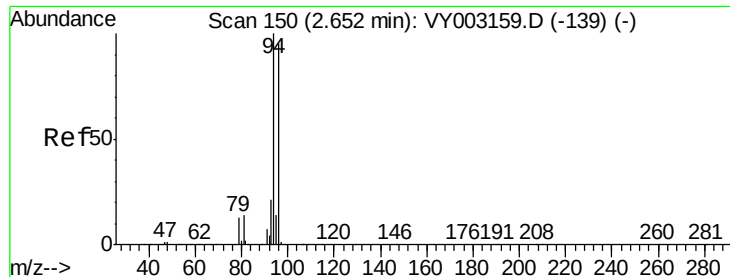
62 100

64 31.8 24.6 37.0



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





#5

Bromomethane

Concen: 22.312 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

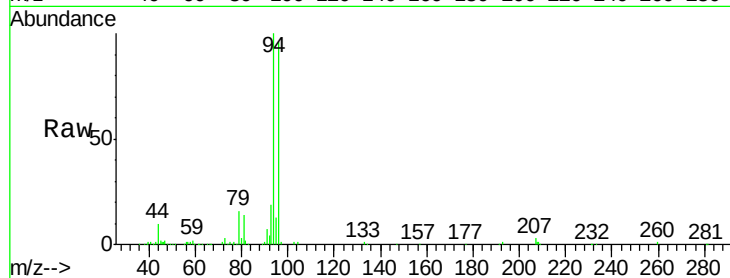
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 77535

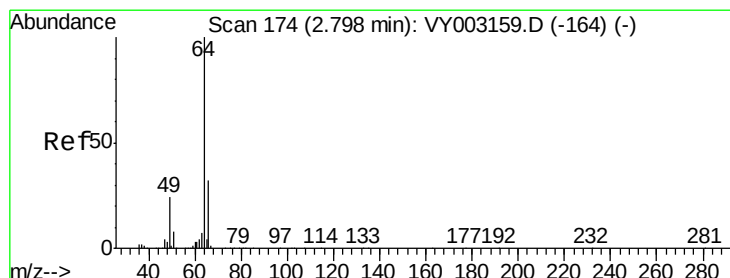
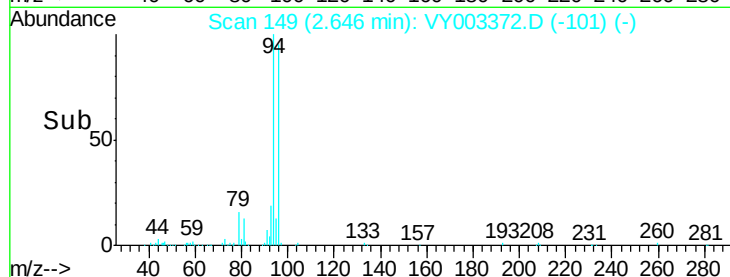
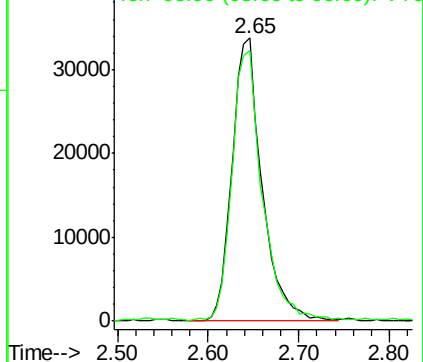
Ion Ratio Lower Upper

94 100

96 95.3 76.0 114.0



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



#6

Chloroethane

Concen: 21.154 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003372.D

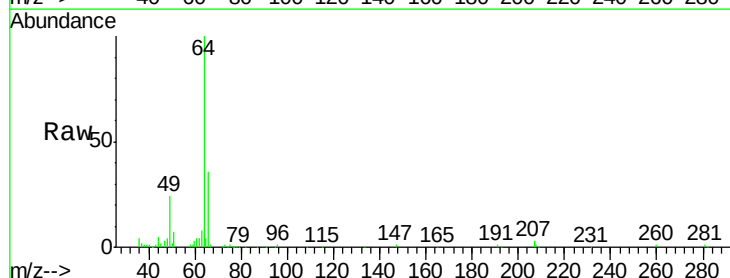
Acq: 28 Jul 2020 13:52

Tgt Ion: 64 Resp: 65005

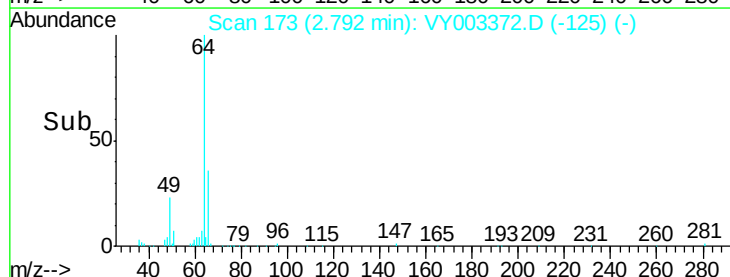
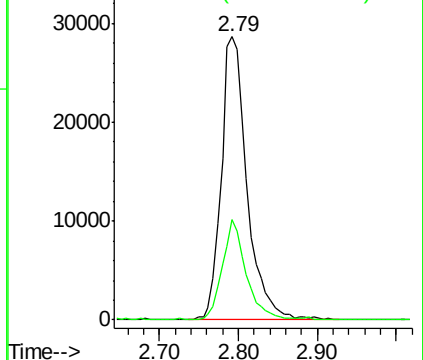
Ion Ratio Lower Upper

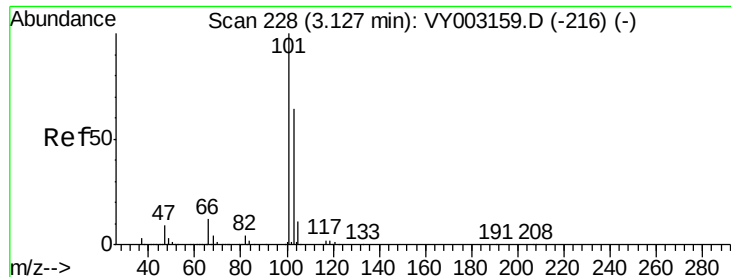
64 100

66 35.5 26.0 39.0



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



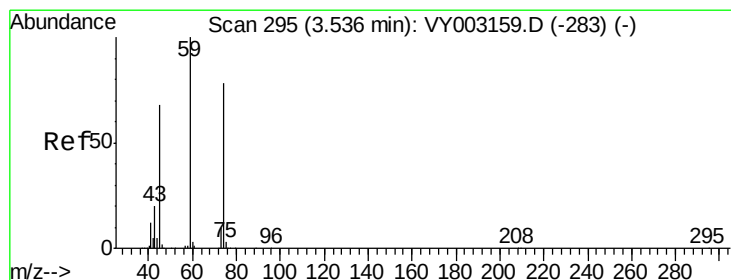
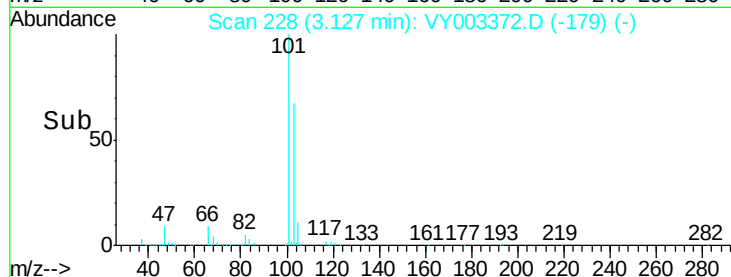
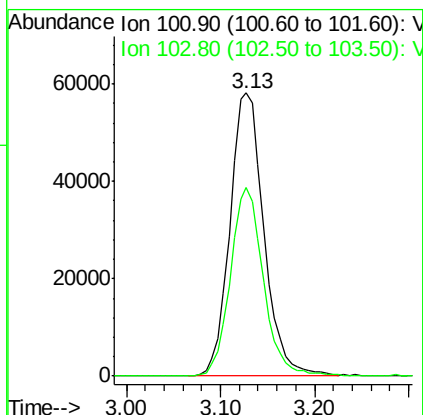
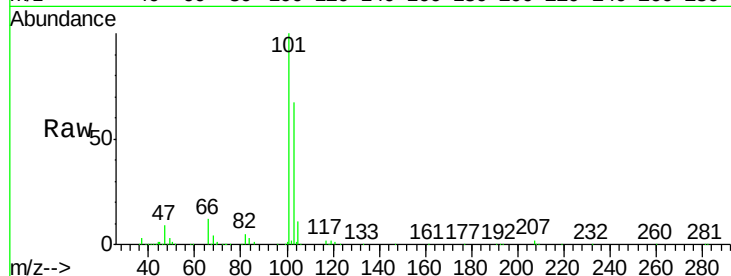


#7

Trichlorofluoromethane
 Concen: 21.888 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :

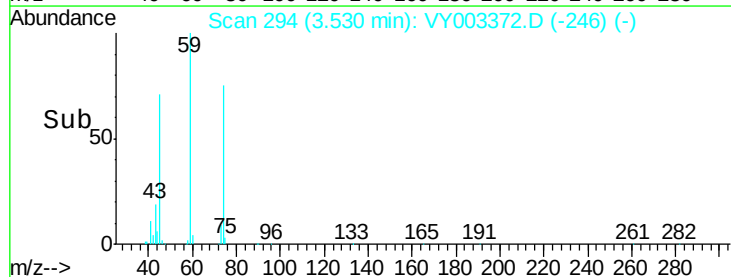
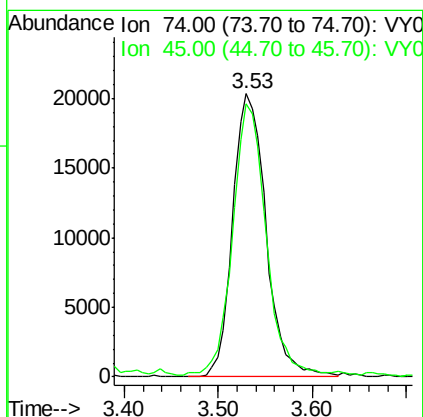
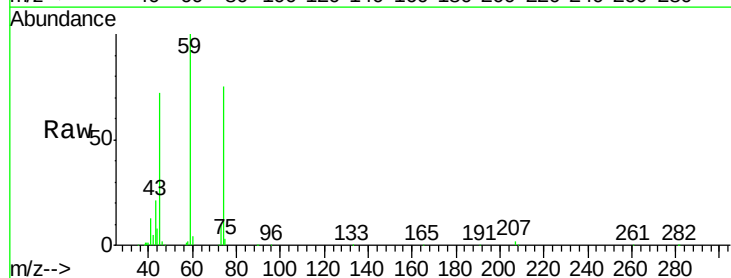
Tot Ion:101 Resp: 146244
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.3 76.9

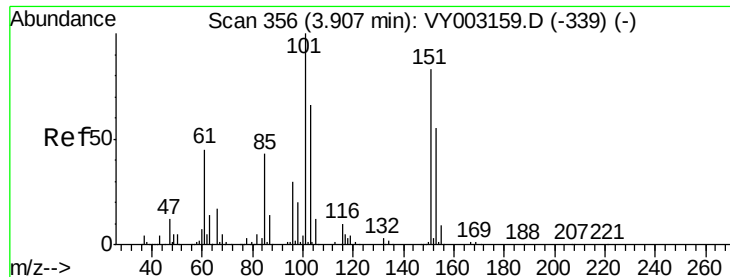


#8

Diethyl Ether
 Concen: 22.428 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 74 Resp: 50214
 Ion Ratio Lower Upper
 74 100
 45 95.4 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.448 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

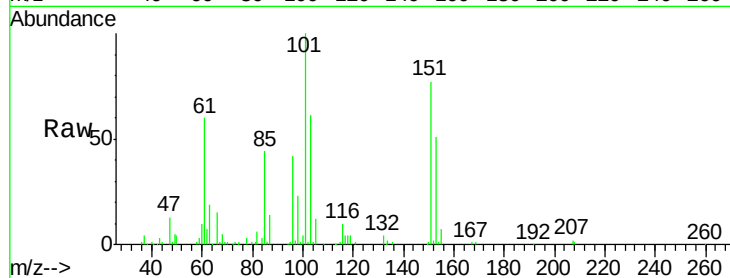
Tot Ion:101 Resp: 86549

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

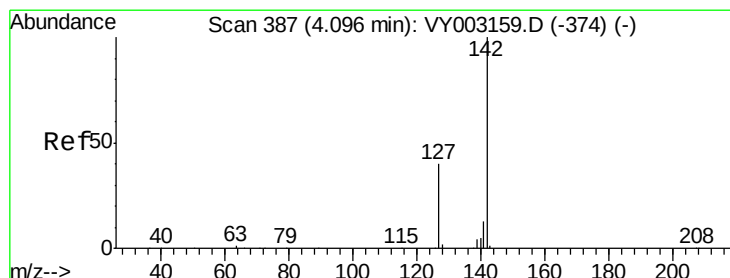
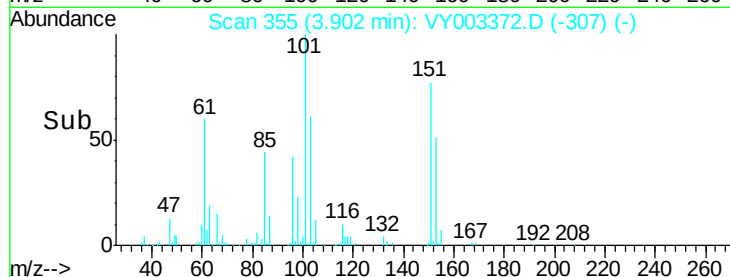
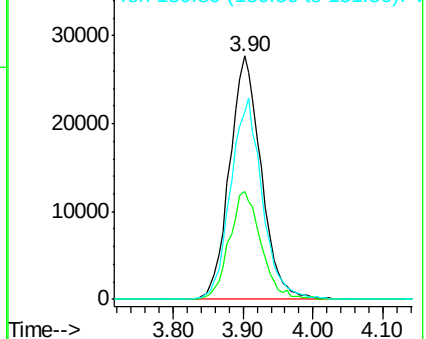
151 82.6 67.0 100.6



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: 19.988 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

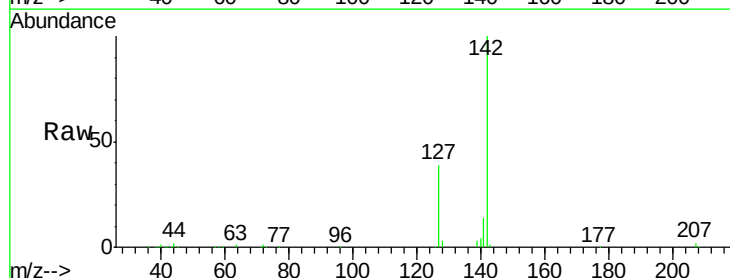
Tgt Ion:142 Resp: 87630

Ion Ratio Lower Upper

142 100

127 42.5 33.5 50.3

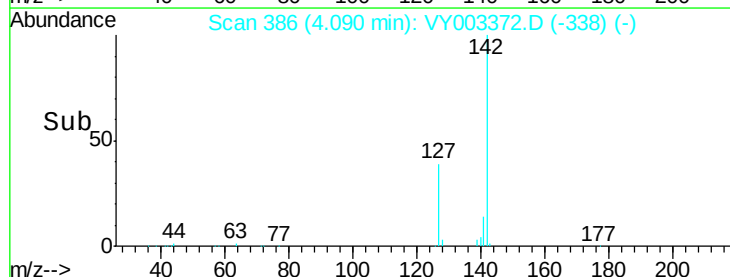
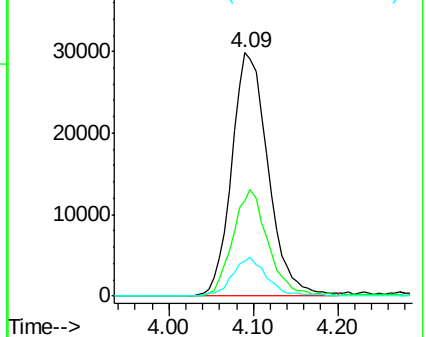
141 15.1 11.2 16.8

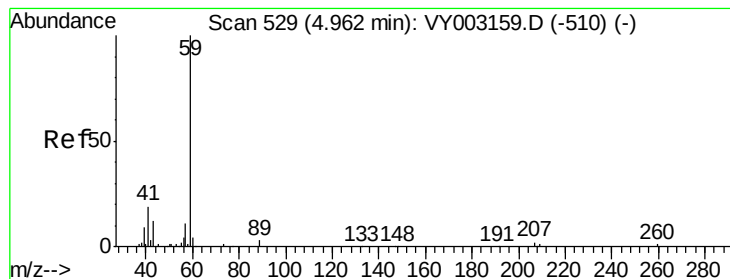


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



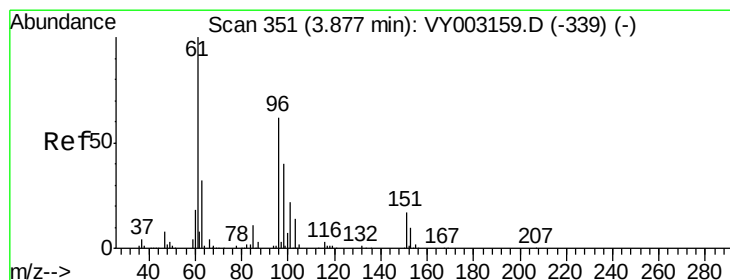
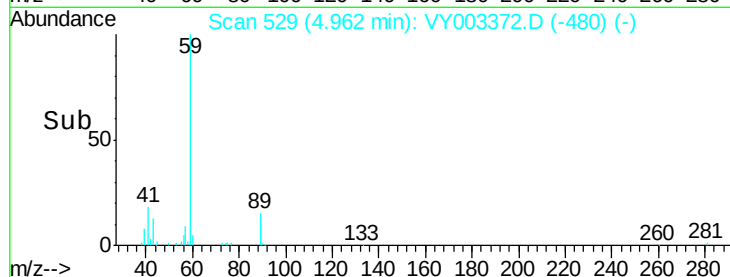
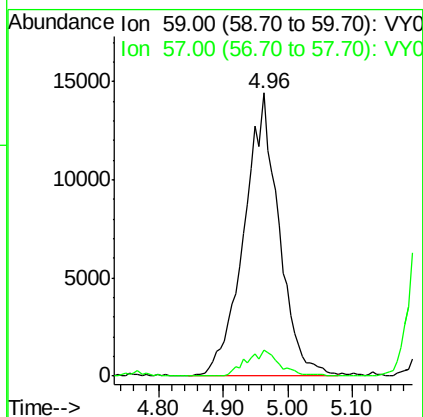
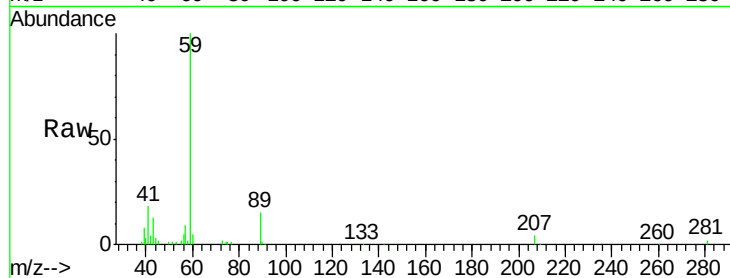


#11

Tert butyl alcohol
 Concen: 129.201 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :

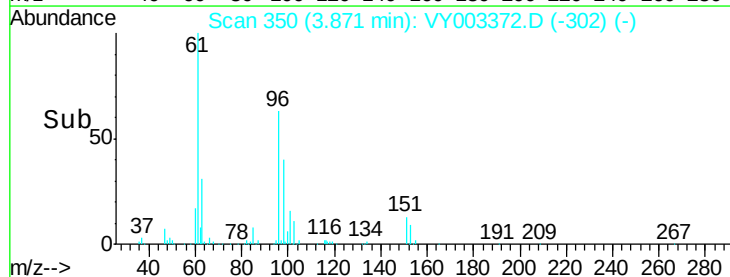
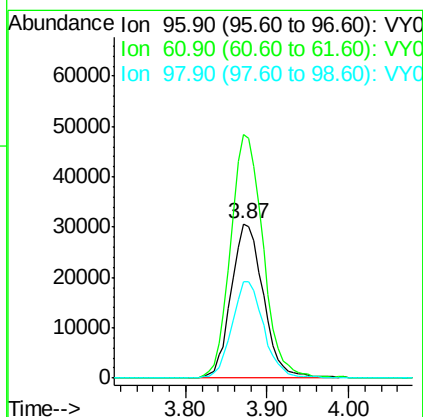
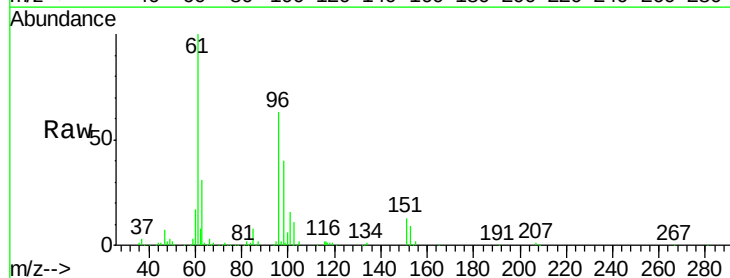
Tot Ion: 59 Resp: 54085
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.4 12.6

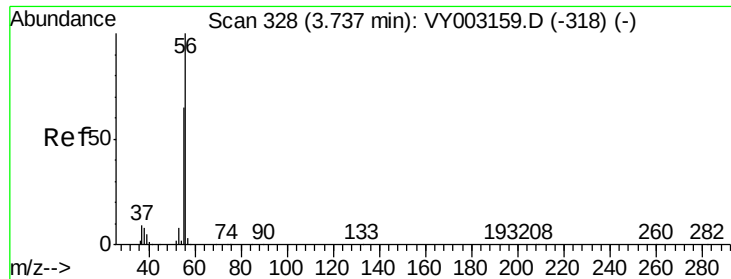


#12

1,1-Dichloroethene
 Concen: 21.897 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 96 Resp: 83574
 Ion Ratio Lower Upper
 96 100
 61 158.0 128.6 193.0
 98 62.8 51.6 77.4

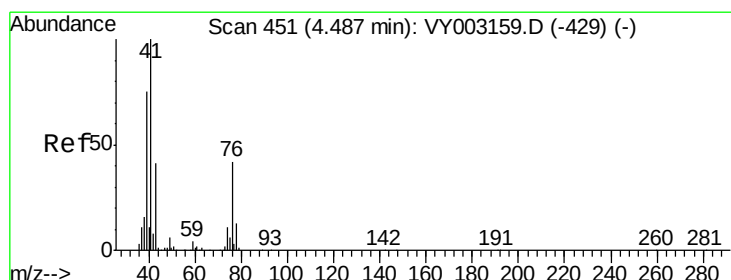
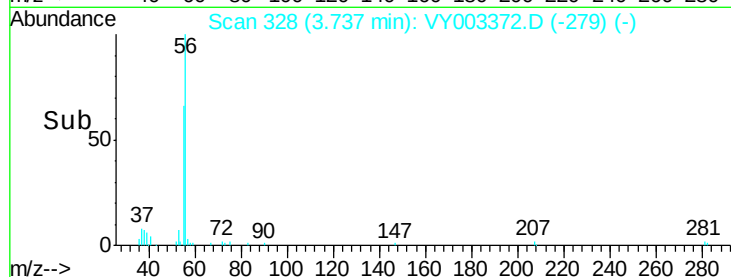
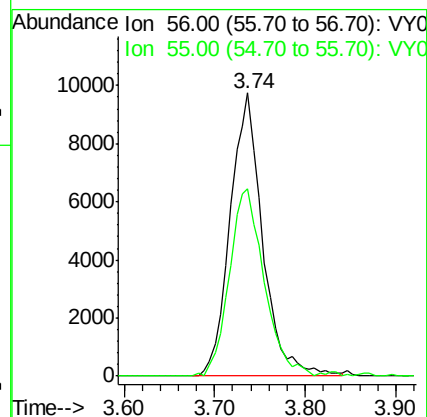
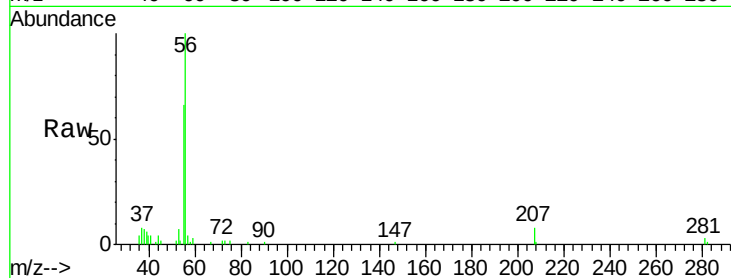




#13
 Acrolein
 Concen: 66.606 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

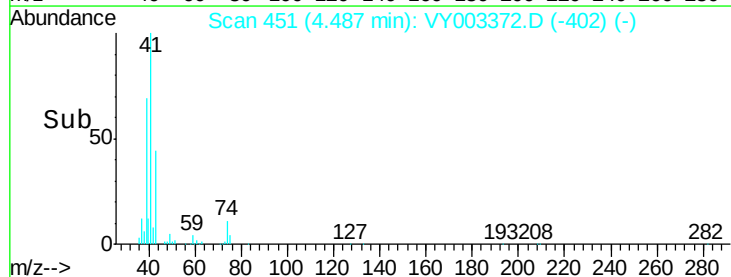
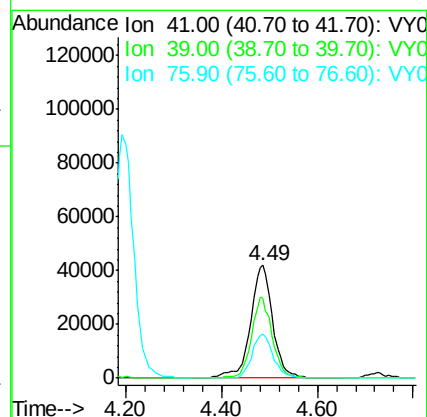
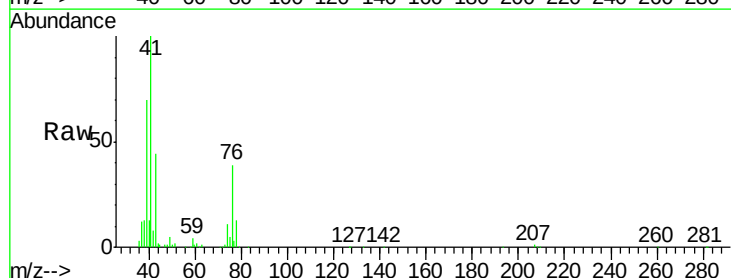
Instrument :
 MSVOA_Y
 ClientSampled :

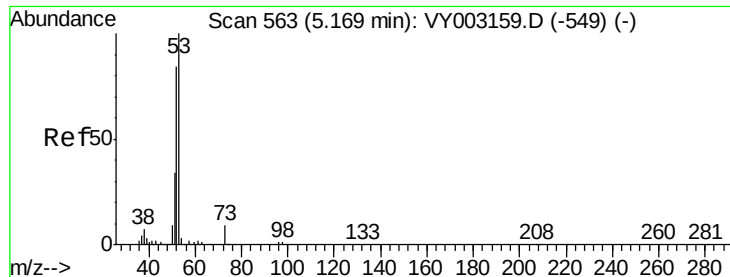
Tot Ion: 56 Resp: 24201
 Ion Ratio Lower Upper
 56 100
 55 70.7 56.0 84.0



#14
 Allyl chloride
 Concen: 23.694 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 41 Resp: 134186
 Ion Ratio Lower Upper
 41 100
 39 67.1 56.6 85.0
 76 37.0 31.6 47.4





#15

Acrylonitrile

Concen: 114.388 ug/l

RT: 5.18 min Scan# 564

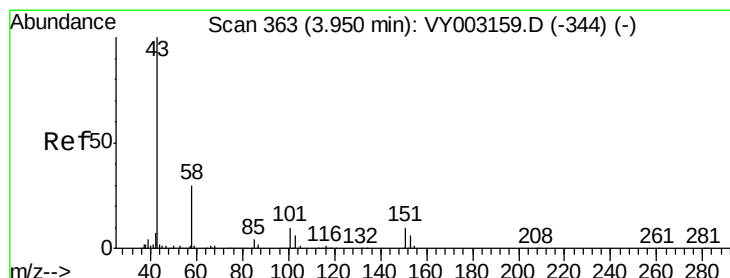
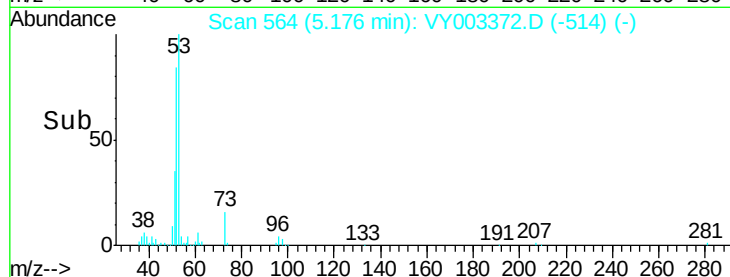
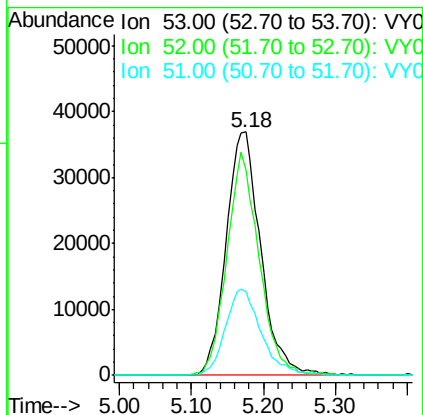
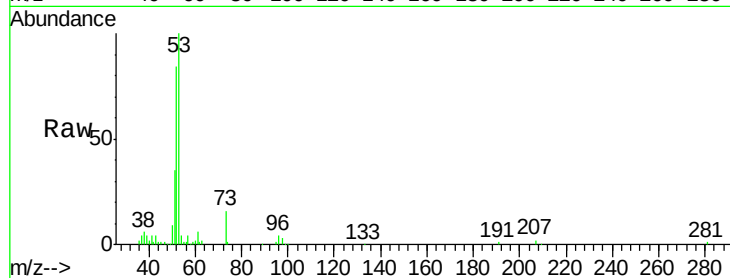
Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	123022
Ion	Ratio	Lower	Upper
53	100		
52	85.1	65.8	98.6
51	36.9	29.0	43.4



#16

Acetone

Concen: 120.136 ug/l

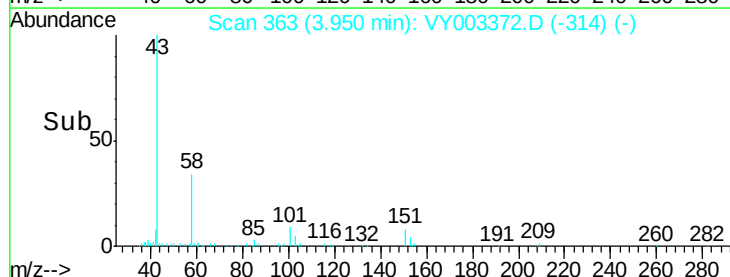
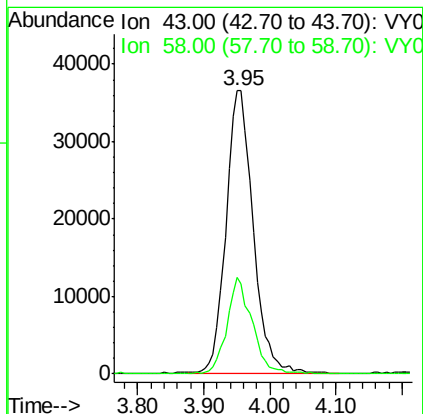
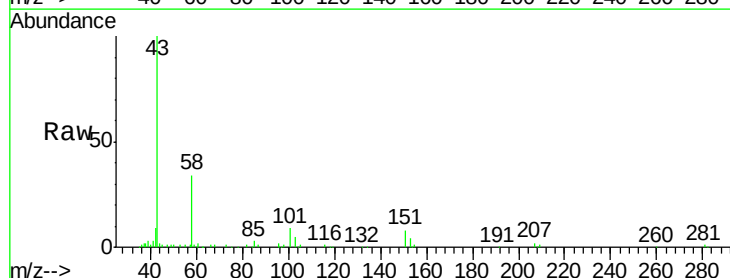
RT: 3.95 min Scan# 363

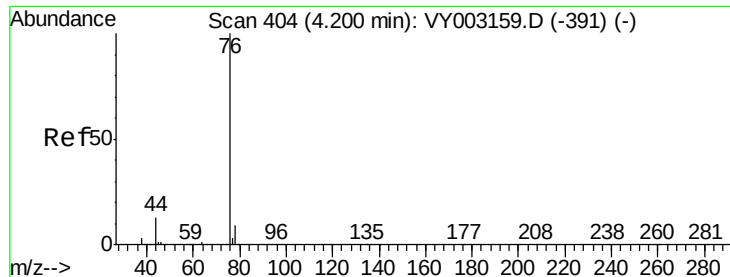
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	43	Resp:	103886
Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.8	35.6





#17

Carbon Disulfide

Concen: 21.585 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

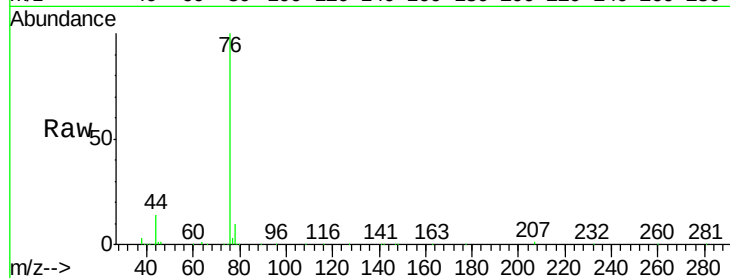
ClientSampleId :

Tot Ion: 76 Resp: 252805

Ion Ratio Lower Upper

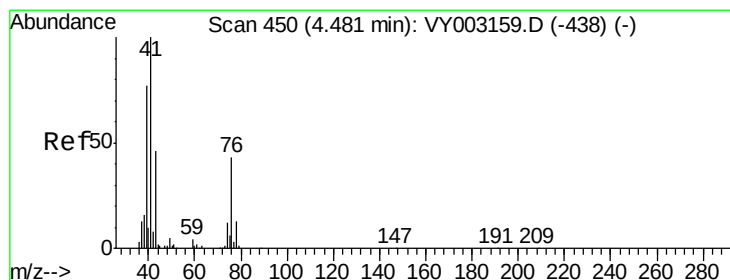
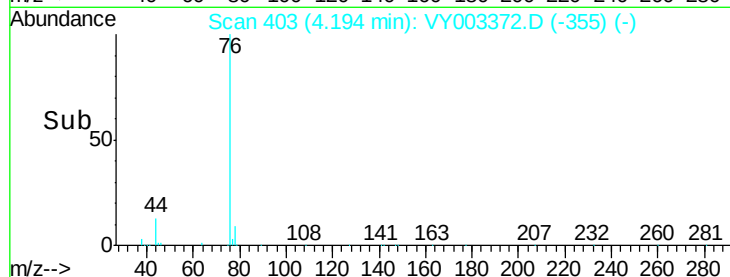
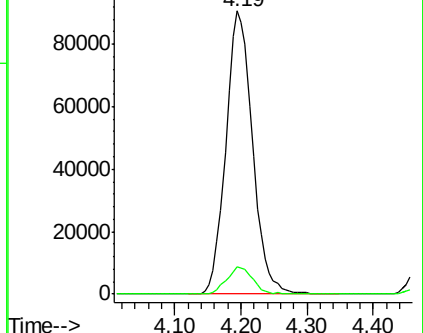
76 100

78 9.6 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: 24.631 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003372.D

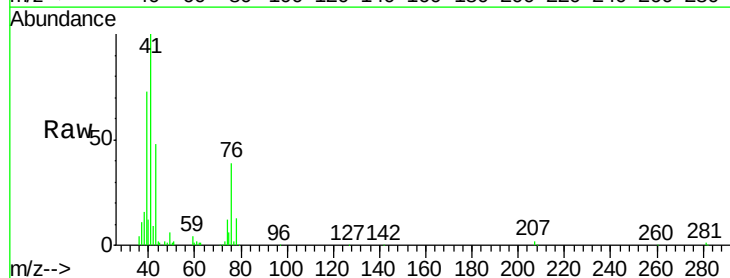
Acq: 28 Jul 2020 13:52

Tgt Ion: 43 Resp: 59151

Ion Ratio Lower Upper

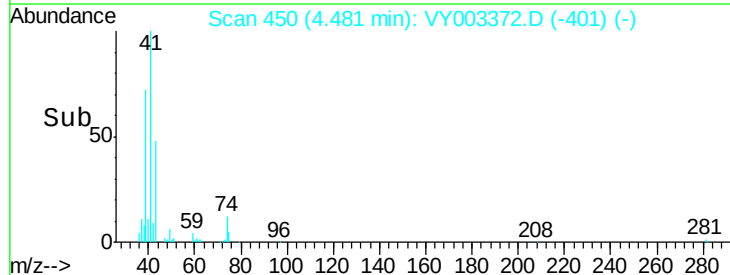
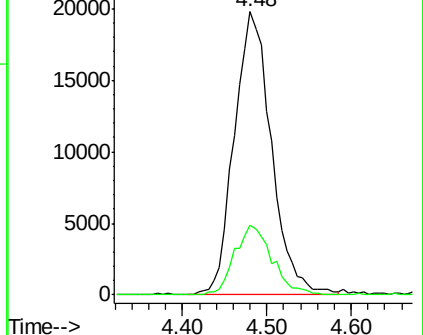
43 100

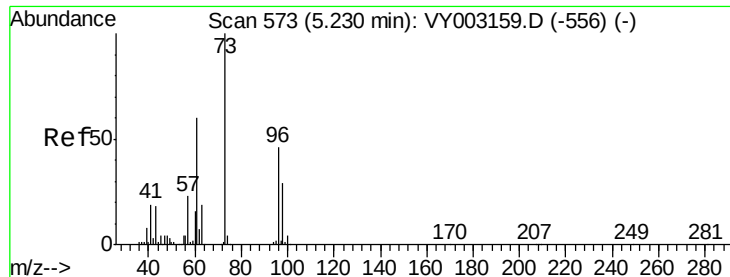
74 24.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

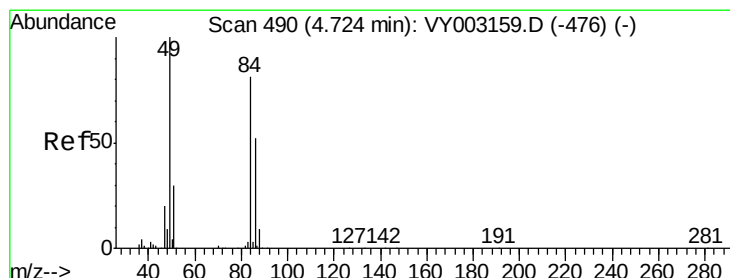
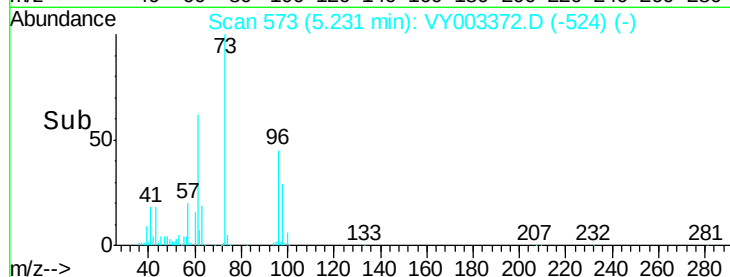
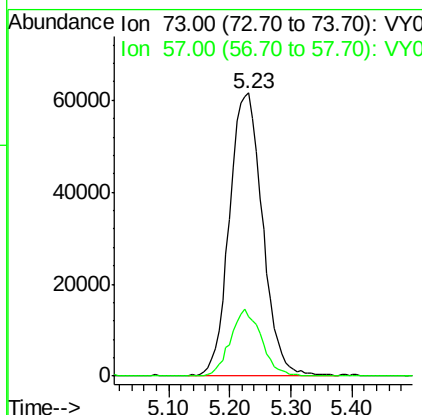
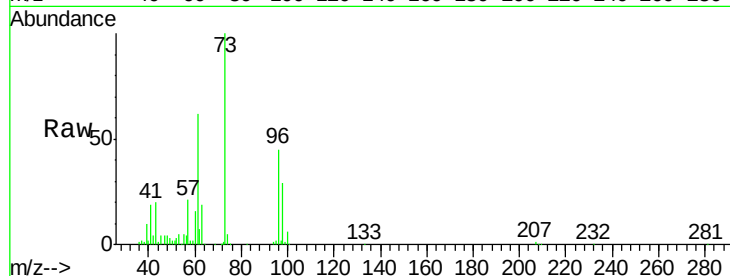




#19
Methyl tert-butyl Ether
Concen: 21.502 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

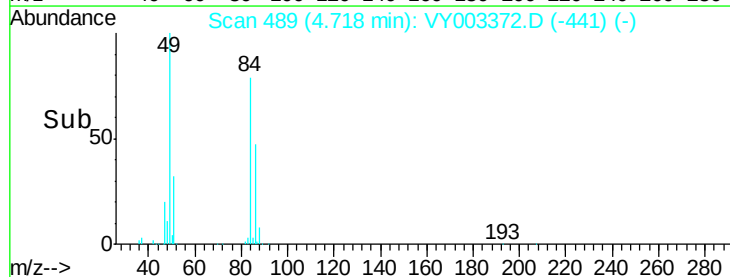
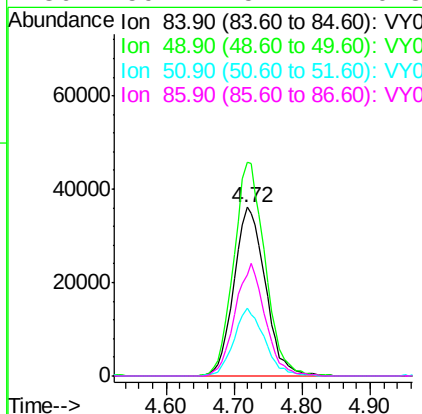
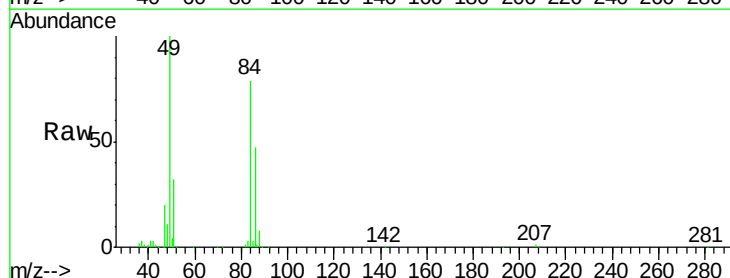
Instrument :
MSVOA_Y
ClientSampleId :

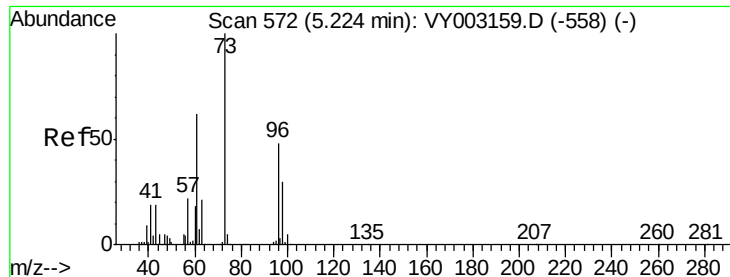
Tot Ion: 73 Resp: 229981
Ion Ratio Lower Upper
73 100
57 20.9 18.1 27.1



#20
Methylene Chloride
Concen: 23.772 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 84 Resp: 115970
Ion Ratio Lower Upper
84 100
49 126.8 98.2 147.4
51 40.5 29.8 44.6
86 59.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.645 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

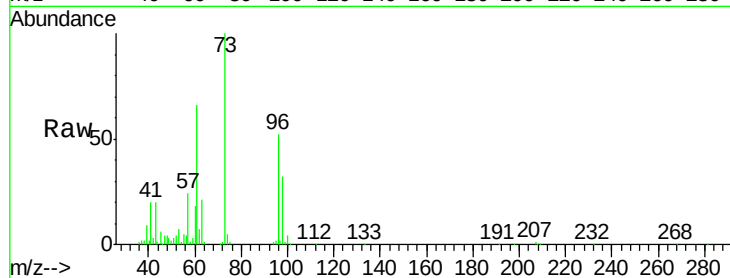
Tot Ion: 96 Resp: 93439

Ion Ratio Lower Upper

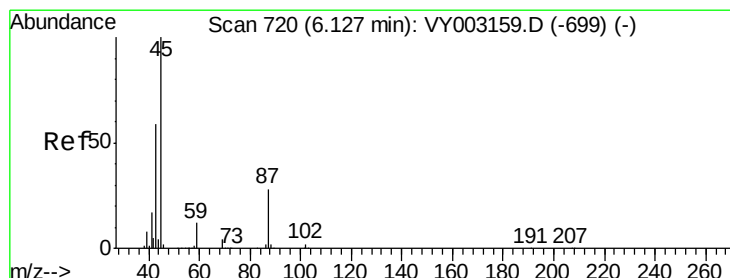
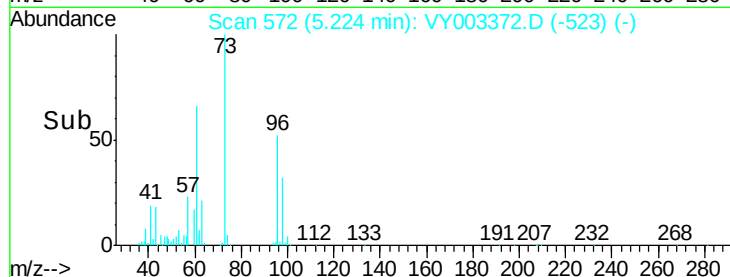
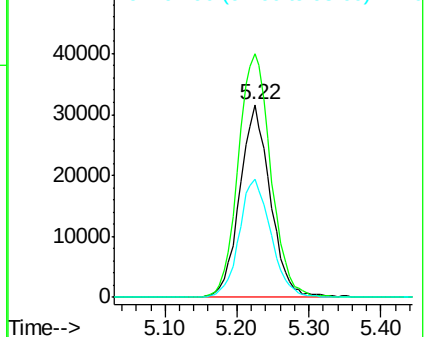
96 100

61 126.2 102.5 153.7

98 61.2 49.8 74.8



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



#22

Diisopropyl ether

Concen: 22.880 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion: 45 Resp: 287583

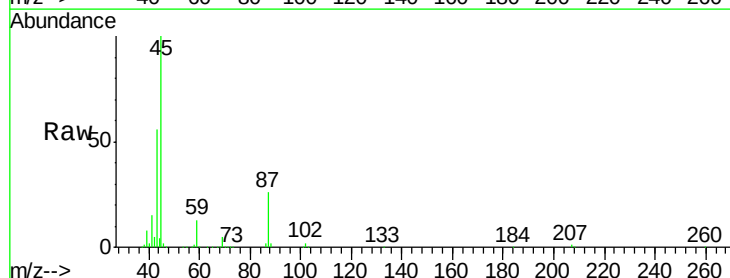
Ion Ratio Lower Upper

45 100

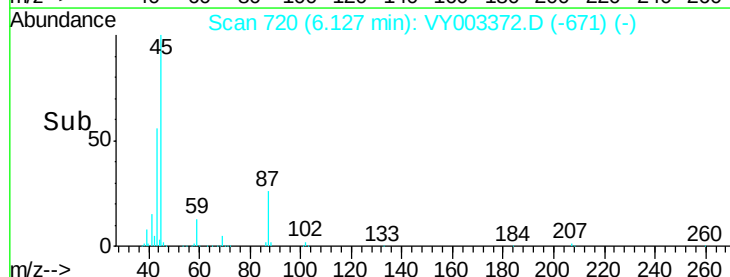
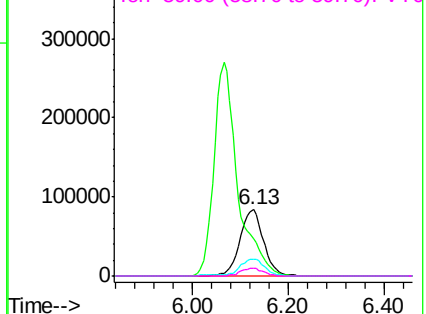
43 56.0 47.0 70.4

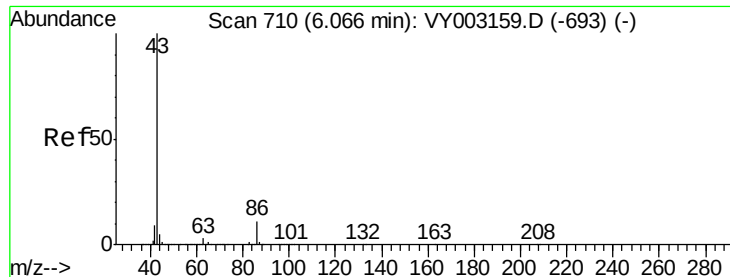
87 25.6 22.6 33.8

59 12.6 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 110.389 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

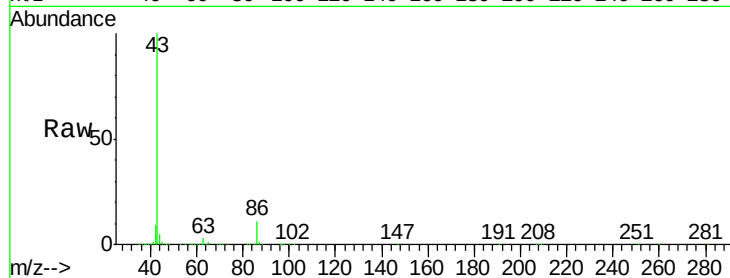
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 924799

Ion Ratio Lower Upper

43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

250000

200000

150000

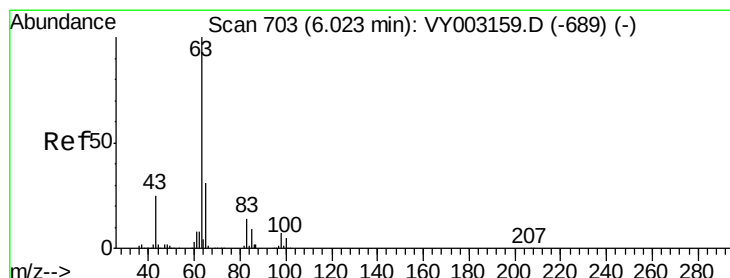
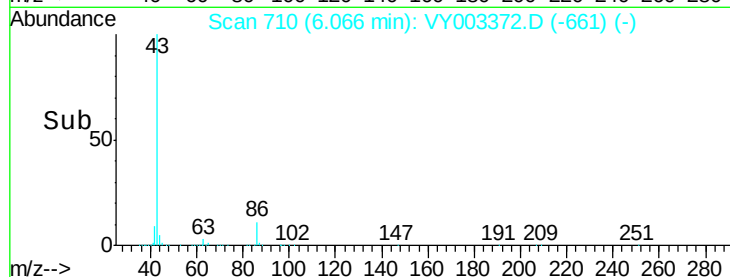
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.307 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

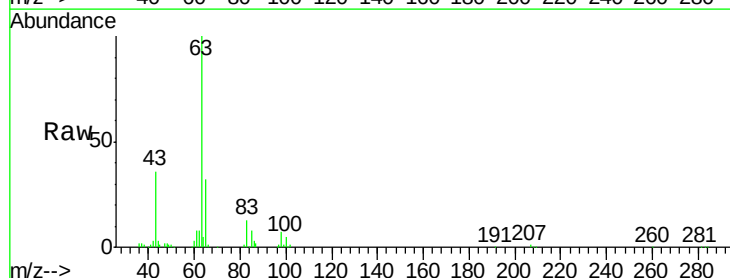
Tgt Ion: 63 Resp: 162440

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 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

6.02

60000

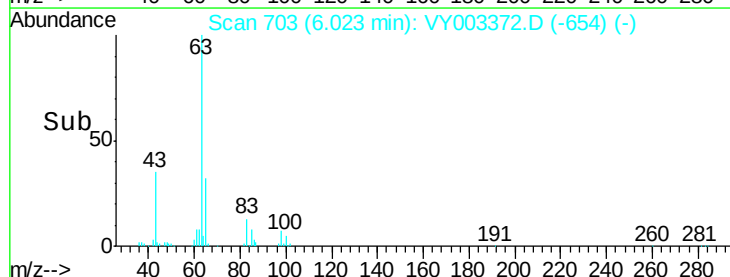
40000

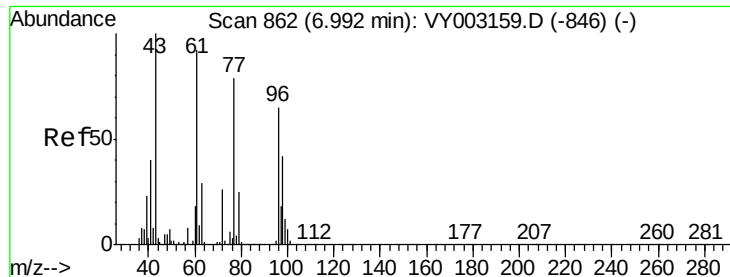
20000

0

Time-->

5.90 6.00 6.10 6.20

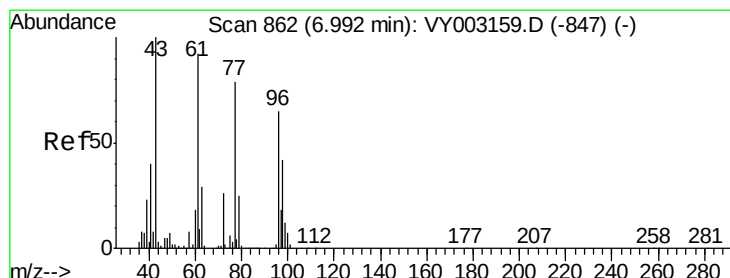
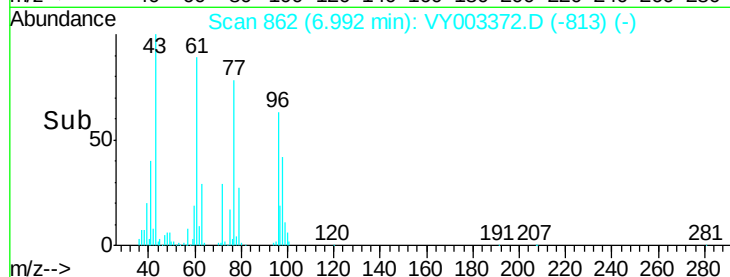
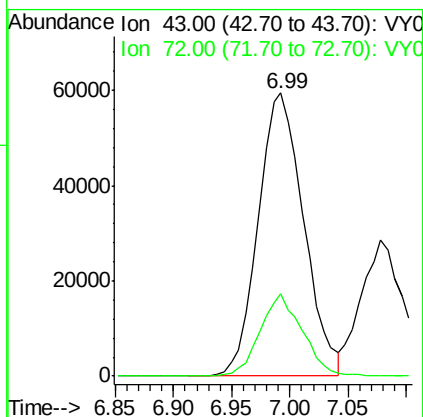
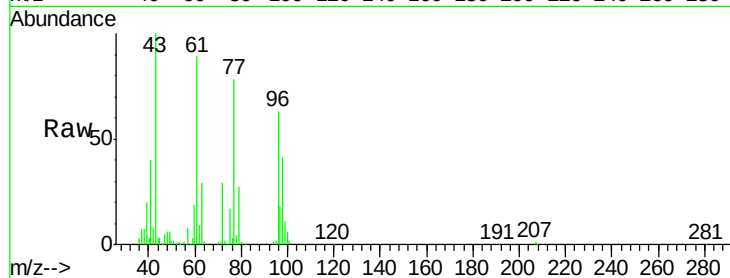




#25
2-Butanone
Concen: 113.297 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

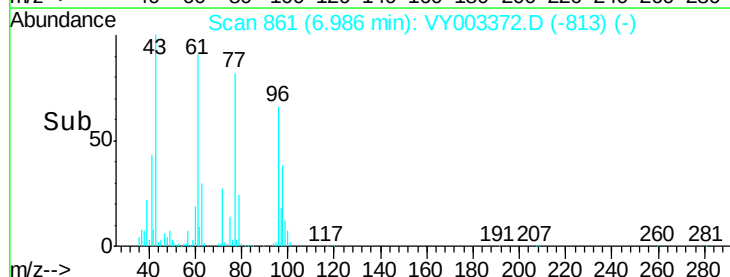
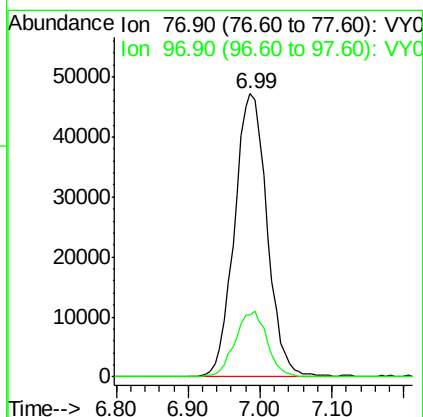
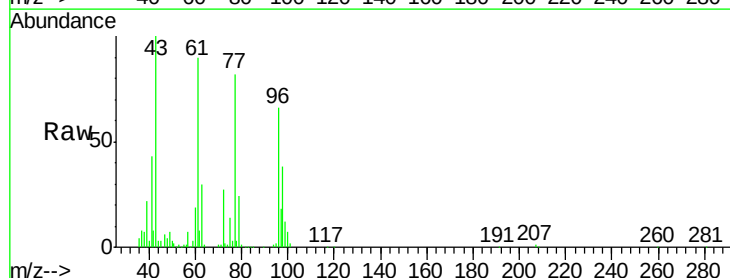
Instrument :
MSVOA_Y
ClientSampleId :

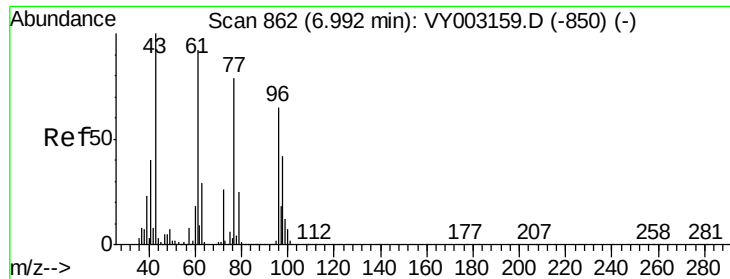
Tot Ion: 43 Resp: 160861
Ion Ratio Lower Upper
43 100
72 28.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 22.663 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 77 Resp: 148619
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7



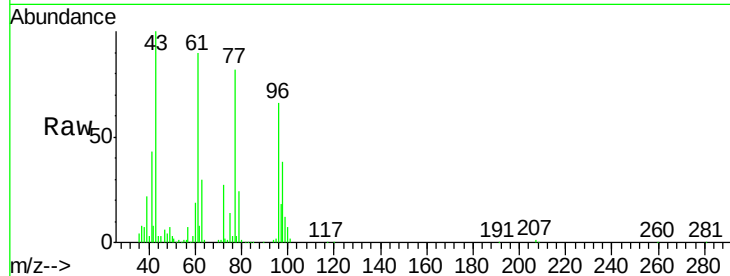


#27

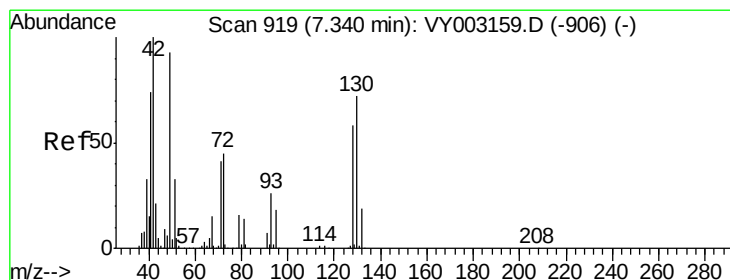
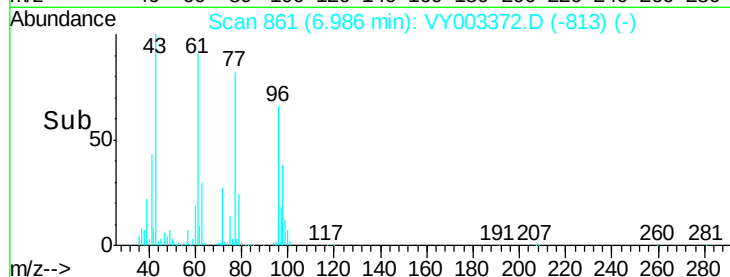
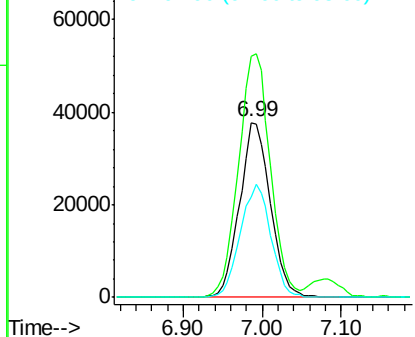
cis-1,2-Dichloroethene
 Concen: 21.555 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	96	Resp	102450
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	281.2
98	64.4	0.0	129.8



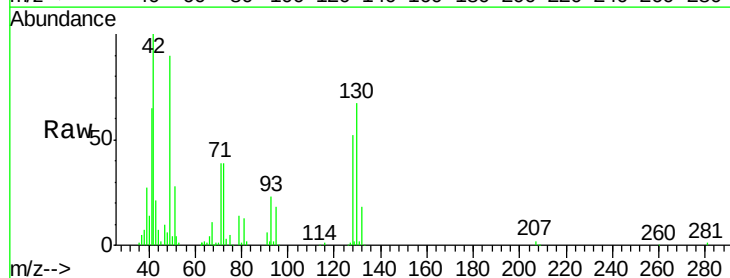
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



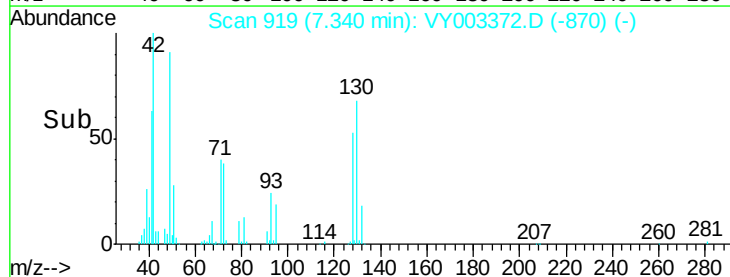
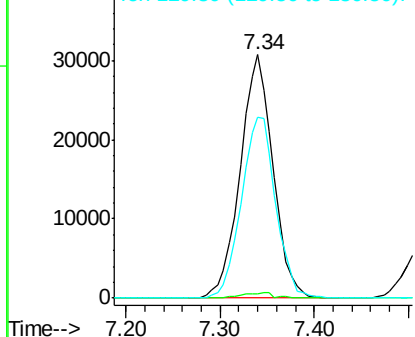
#28

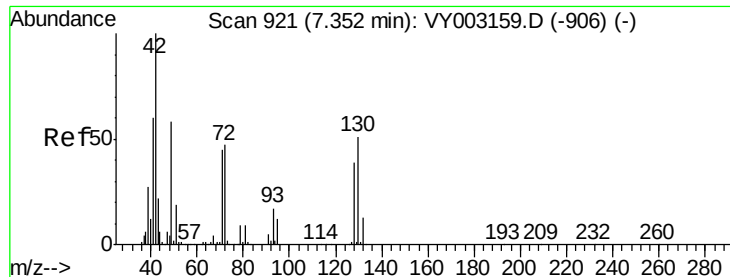
Bromochloromethane
 Concen: 23.733 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	49	Resp	74823
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	77.9	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: 113.750 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampled :

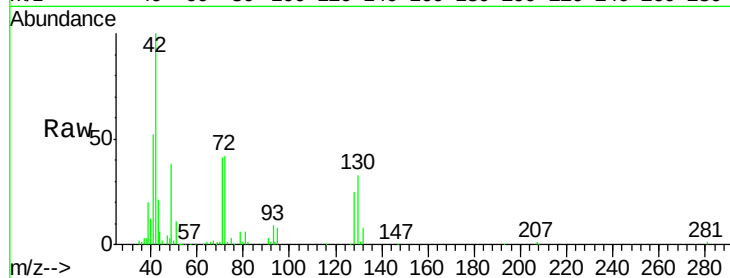
Tot Ion: 42 Resp: 108496

Ion Ratio Lower Upper

42 100

72 43.0 36.7 55.1

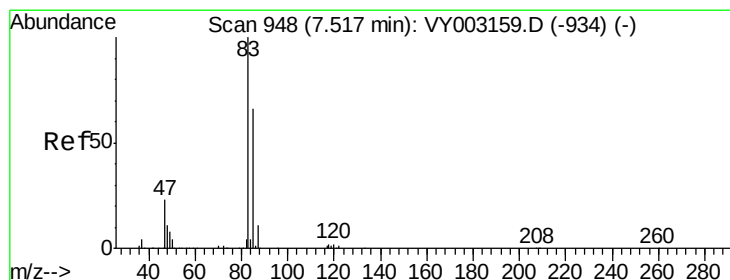
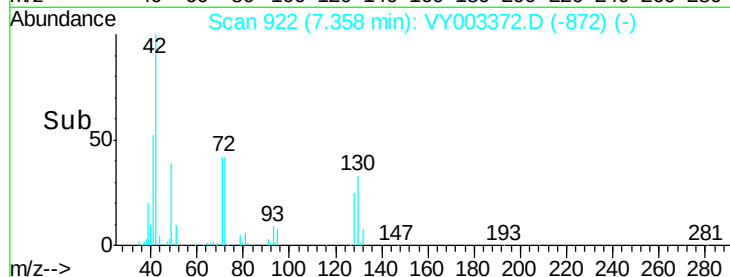
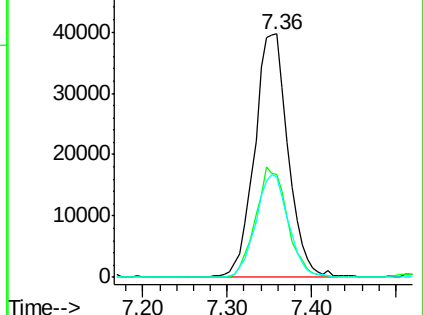
71 41.2 34.2 51.4



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: 22.083 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003372.D

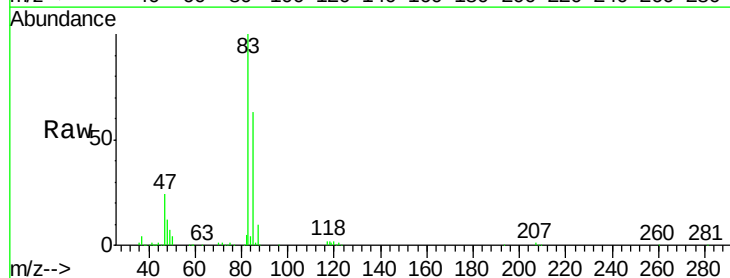
Acq: 28 Jul 2020 13:52

Tgt Ion: 83 Resp: 165618

Ion Ratio Lower Upper

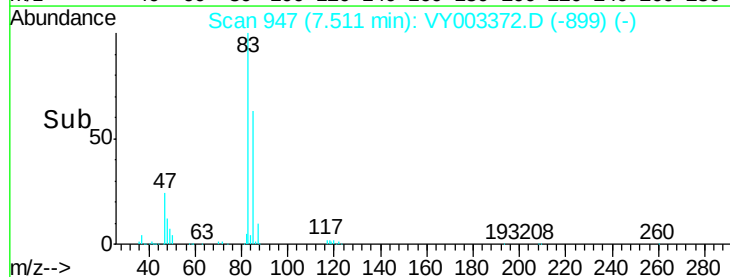
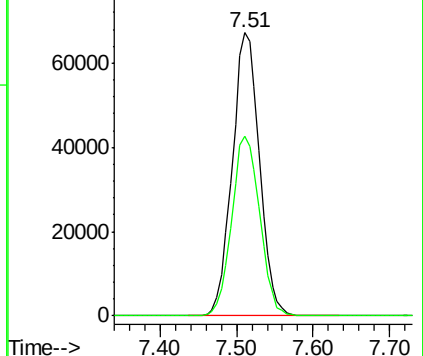
83 100

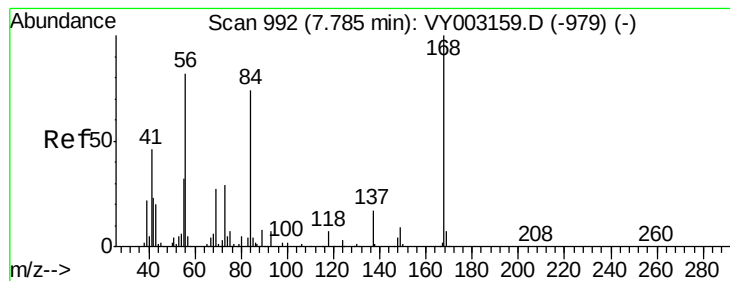
85 63.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 22.177 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampled :

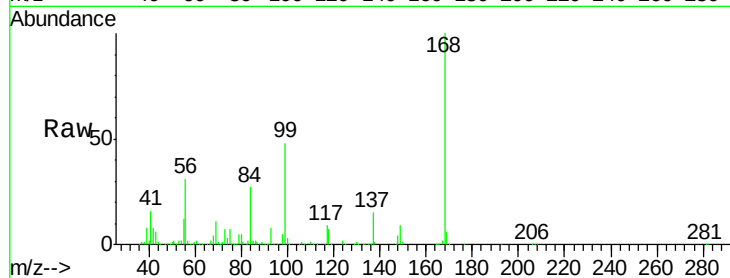
Tot Ion: 56 Resp: 156161

Ion Ratio Lower Upper

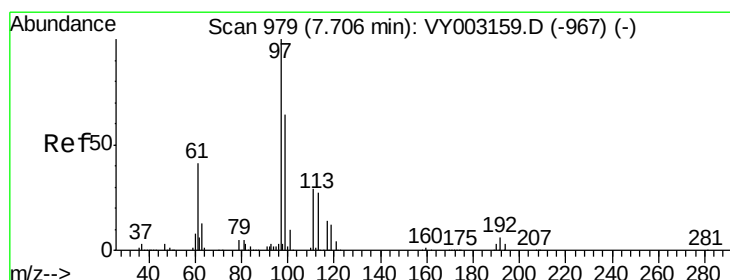
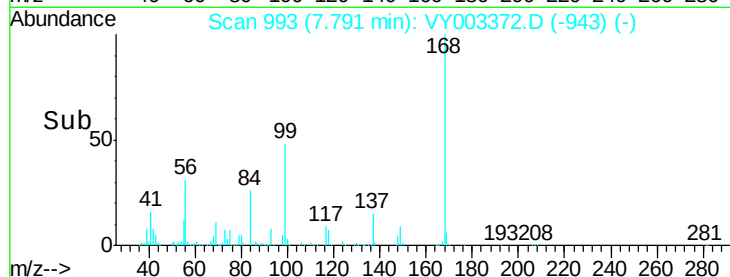
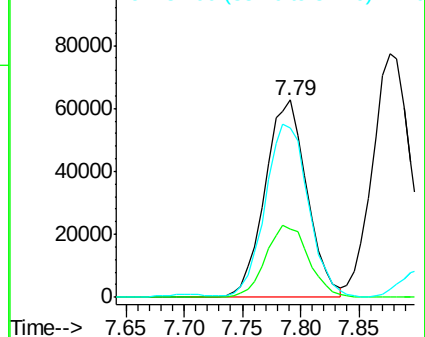
56 100

69 34.7 26.7 40.1

84 84.4 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: 22.335 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

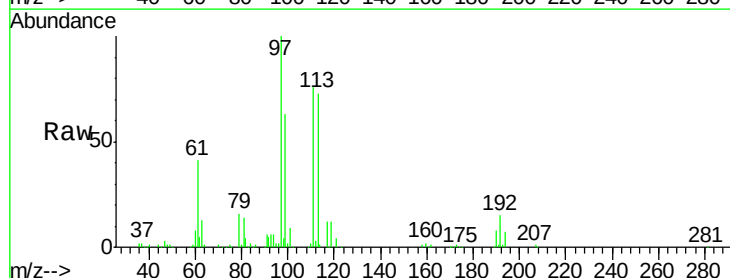
Tgt Ion: 97 Resp: 150803

Ion Ratio Lower Upper

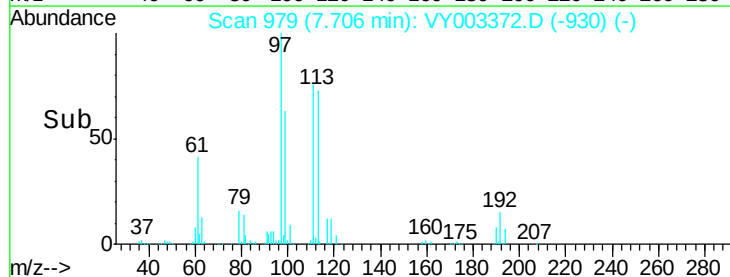
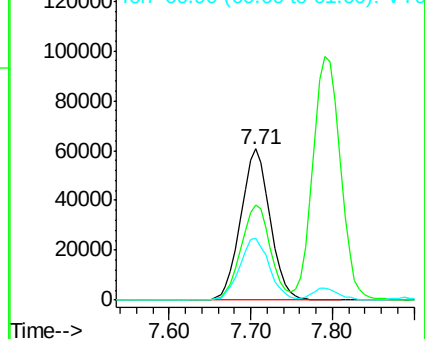
97 100

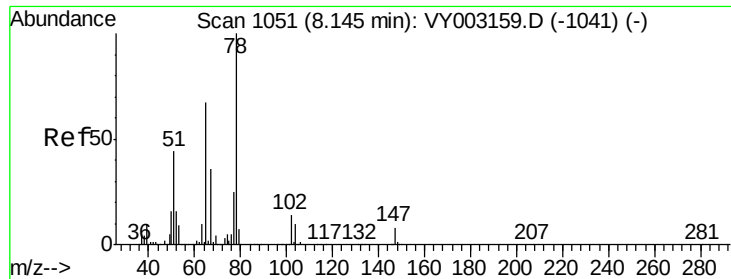
99 63.4 52.1 78.1

61 41.2 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

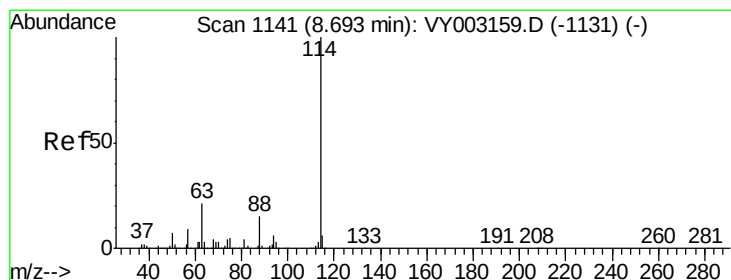
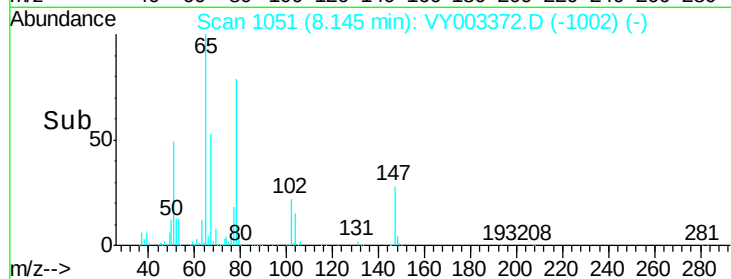
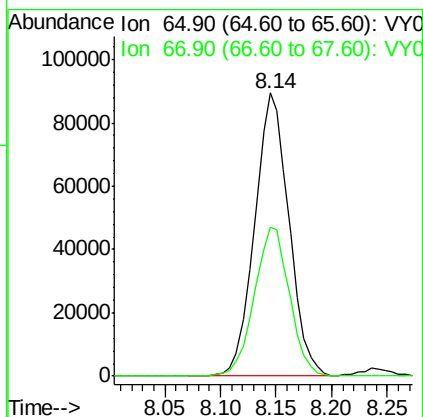
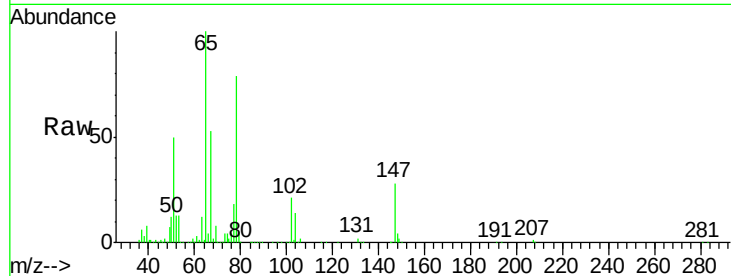




#33
 1,2-Dichloroethane-d4
 Concen: 49.493 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

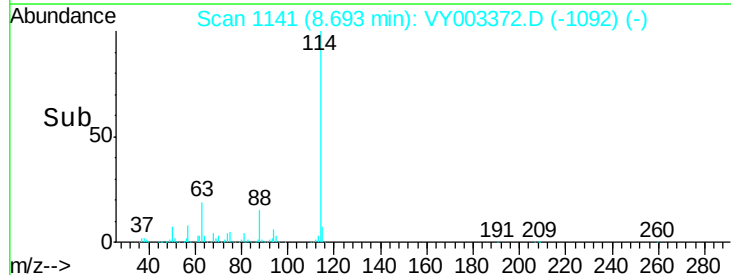
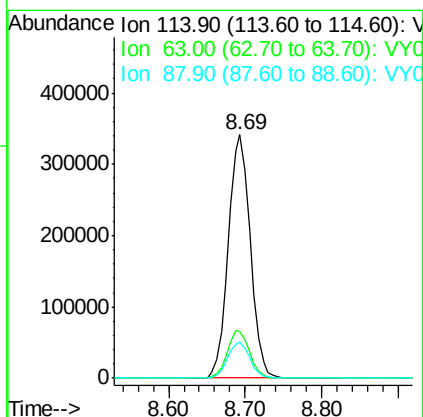
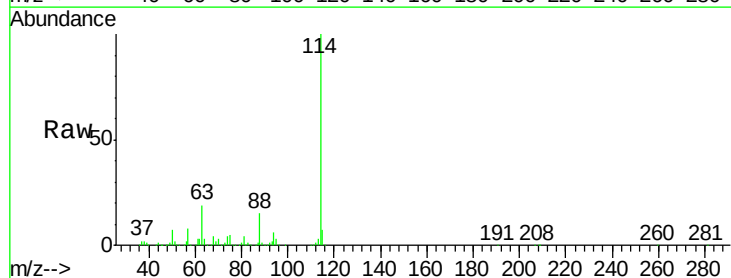
Instrument :
 MSVOA_Y
 ClientSampleId :

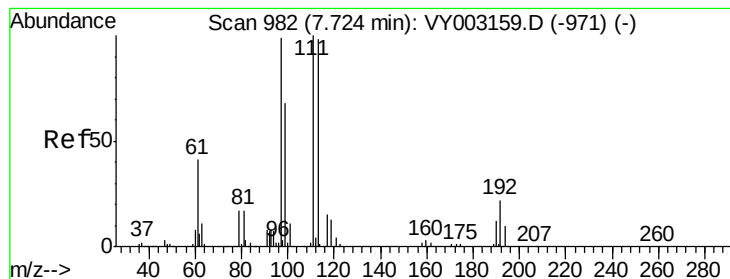
Tot Ion: 65 Resp: 191603
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 114 Resp: 676018
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.230 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

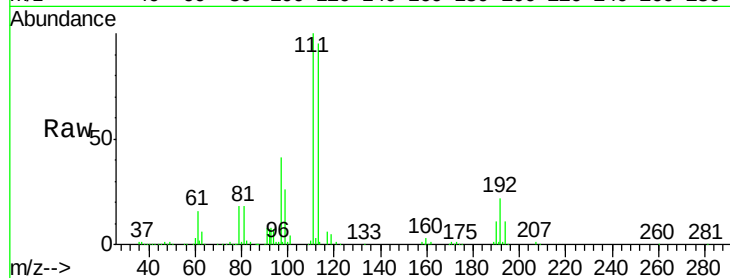
Tot Ion:113 Resp: 187630

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

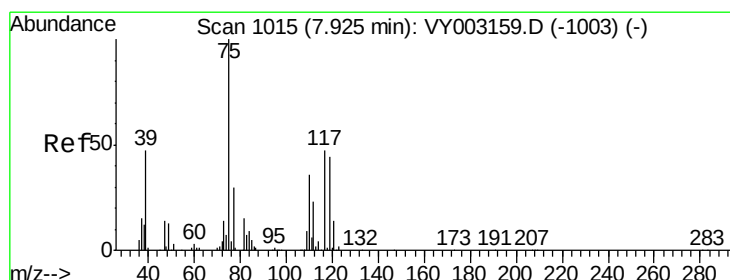
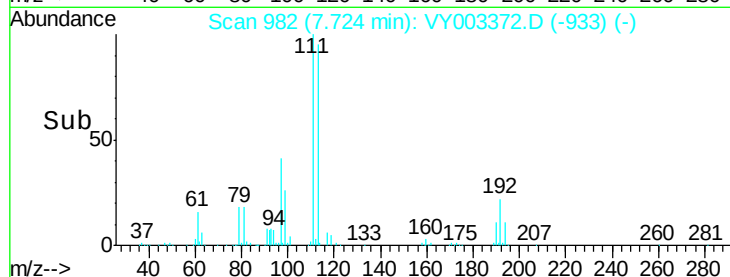
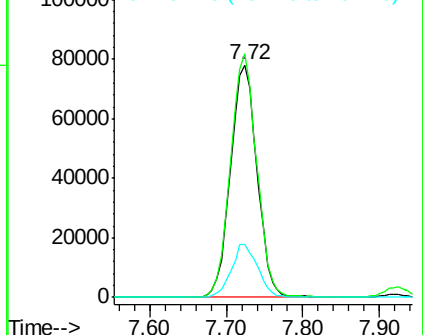
192 22.6 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.295 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

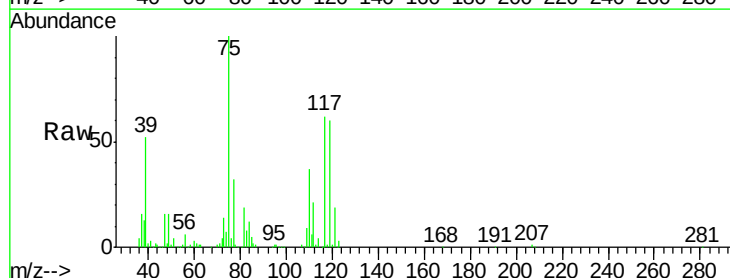
Tgt Ion: 75 Resp: 130472

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

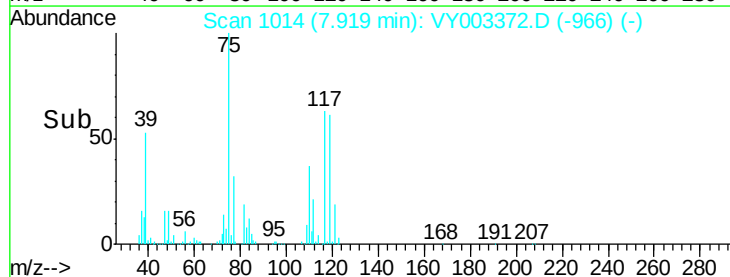
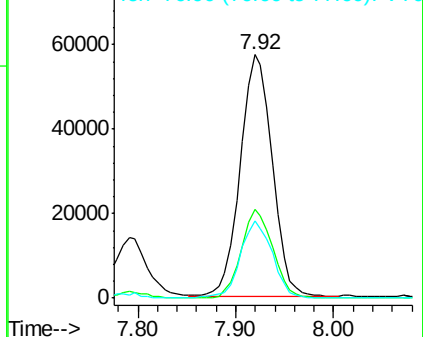
77 31.9 24.8 37.2

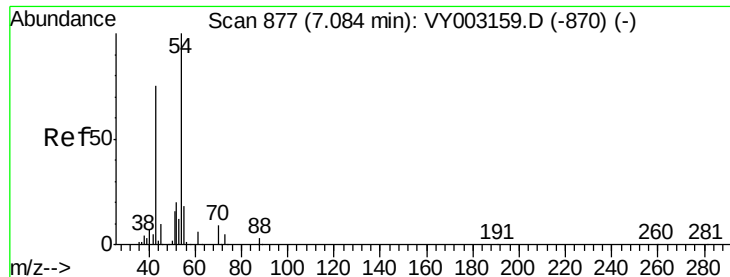


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 22.512 ug/l

RT: 7.08 min Scan# 876

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampled :

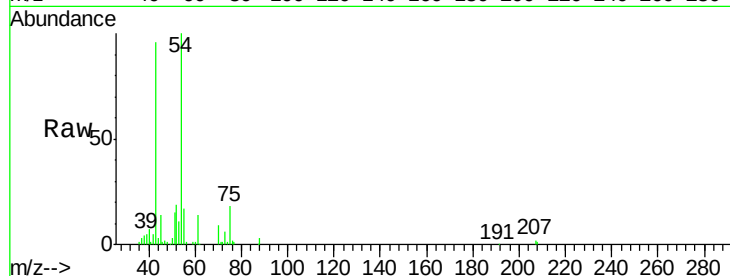
Tot Ion: 43 Resp: 74281

Ion Ratio Lower Upper

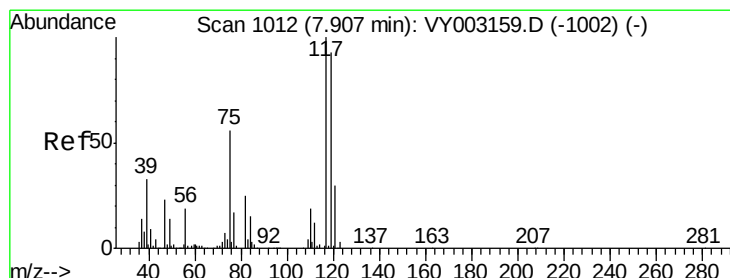
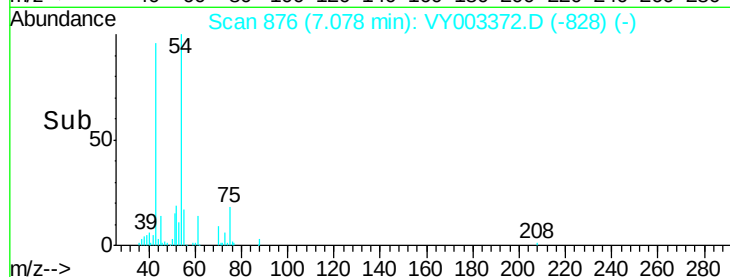
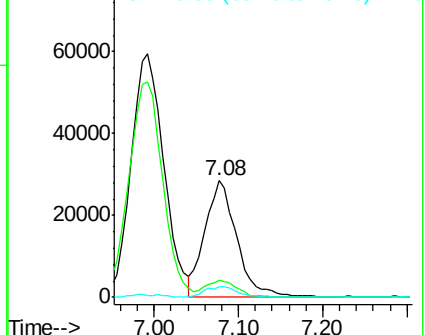
43 100

61 14.2 11.8 17.6

70 9.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 21.755 ug/l

RT: 7.90 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

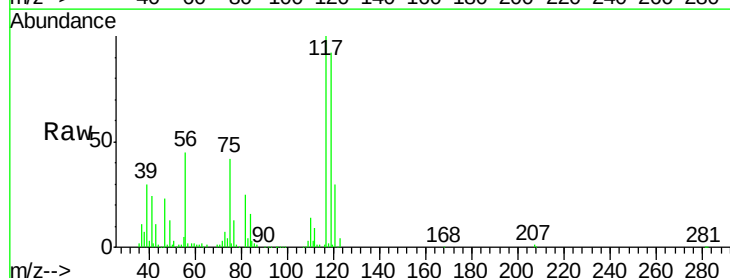
Tgt Ion: 117 Resp: 137606

Ion Ratio Lower Upper

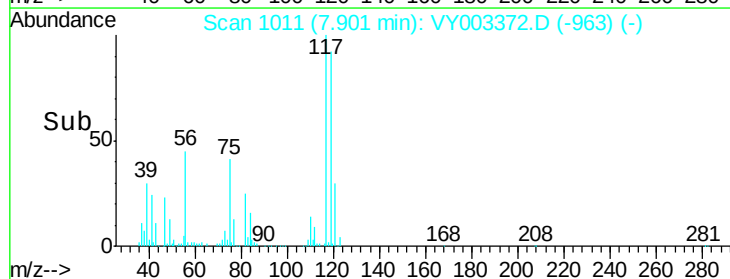
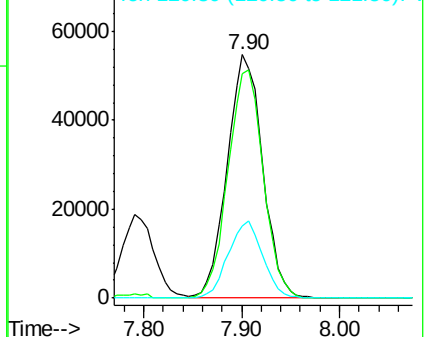
117 100

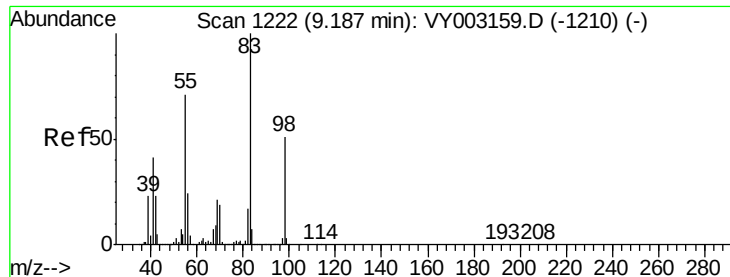
119 92.2 74.5 111.7

121 29.8 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

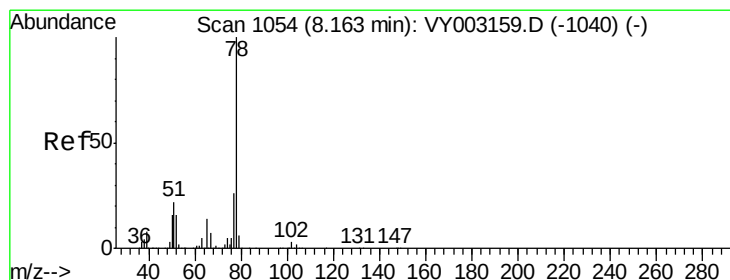
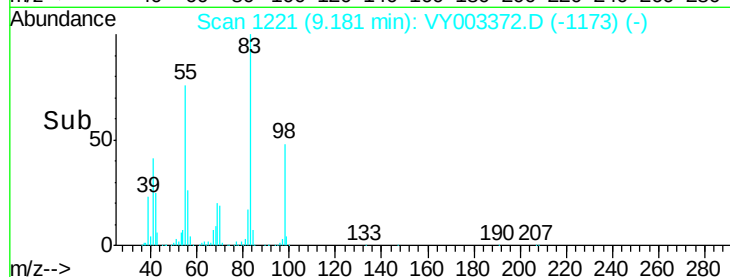
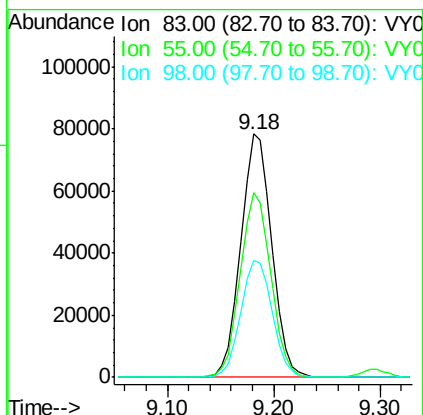
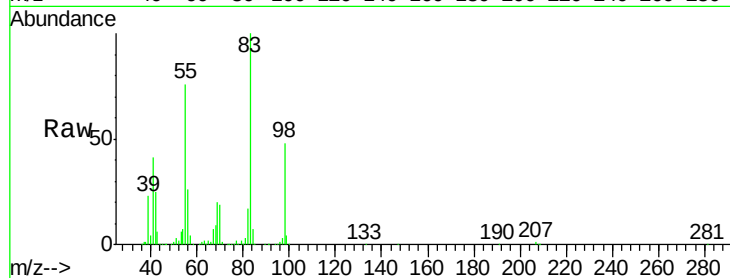




#39
Methylvlcyclohexane
Concen: 20.831 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

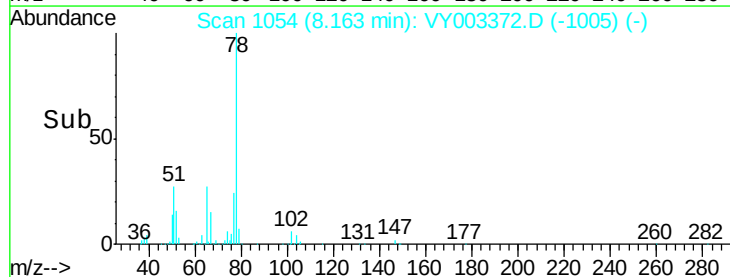
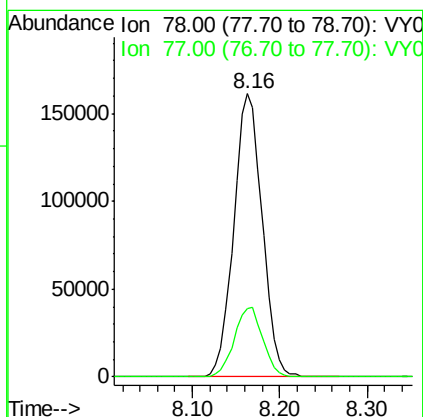
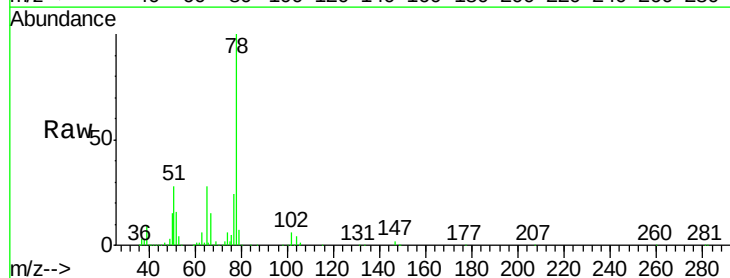
Instrument :
MSVOA_Y
ClientSampled :

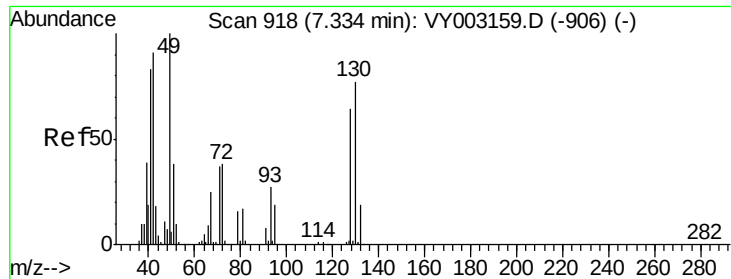
Tot Ion: 83 Resp: 160335
Ion Ratio Lower Upper
83 100
55 75.7 57.2 85.8
98 48.0 41.0 61.6



#40
Benzene
Concen: 21.557 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 78 Resp: 363670
Ion Ratio Lower Upper
78 100
77 24.1 20.7 31.1





#41

Methacrylonitrile

Concen: 49.442 ug/l

RT: 7.35 min Scan# 920

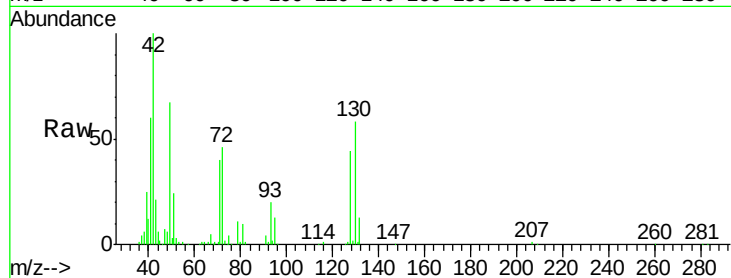
Delta R.T. 0.01 min

Lab File: VY003372.D

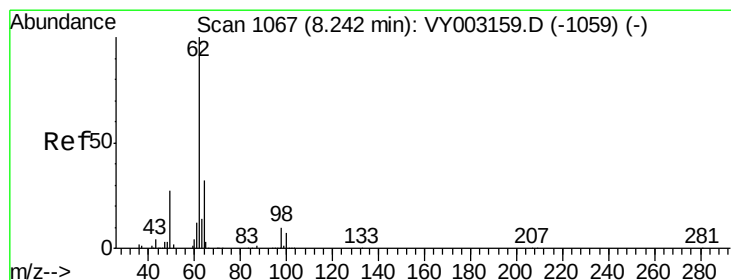
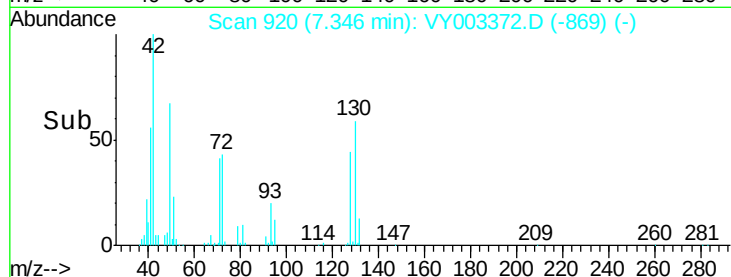
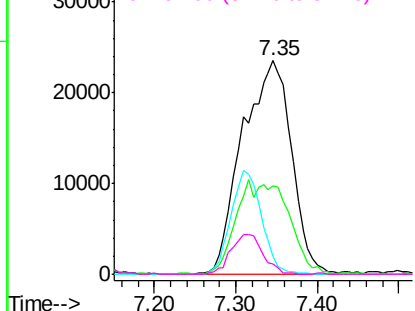
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	98252
Ion	Ratio	Lower	Upper
41	100		
39	0.0	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: 20.988 ug/l

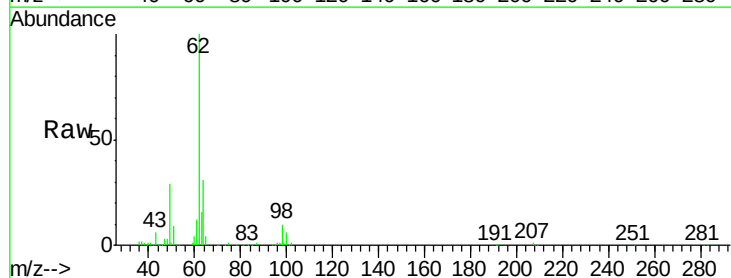
RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

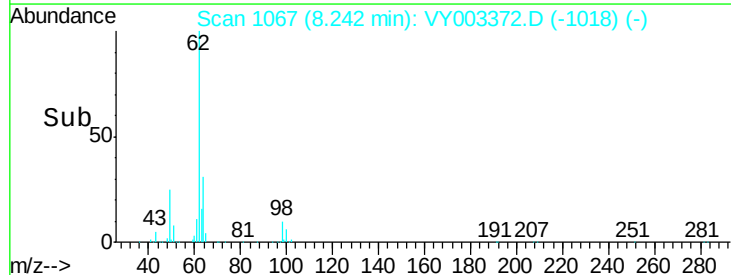
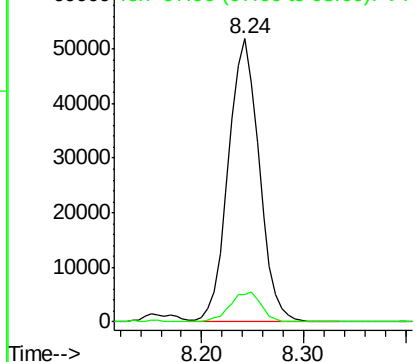
Lab File: VY003372.D

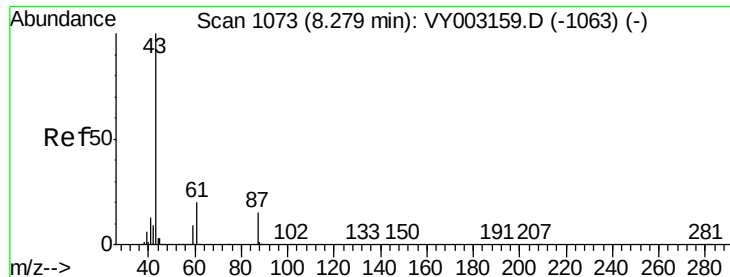
Acq: 28 Jul 2020 13:52

Tgt Ion:	62	Resp:	109009
Ion	Ratio	Lower	Upper
62	100		
98	10.8	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: 21.670 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

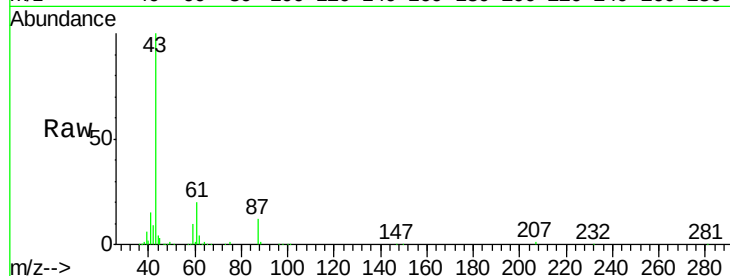
Tot Ion: 43 Resp: 138401

Ion Ratio Lower Upper

43 100

61 29.1 23.7 35.5

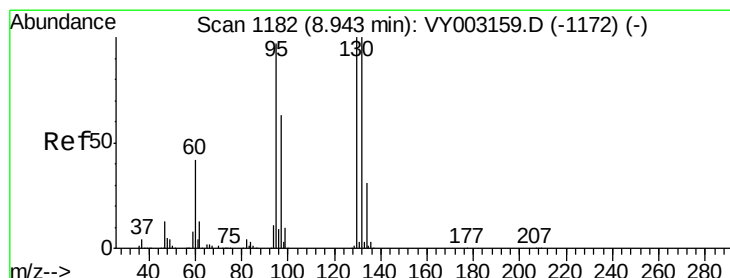
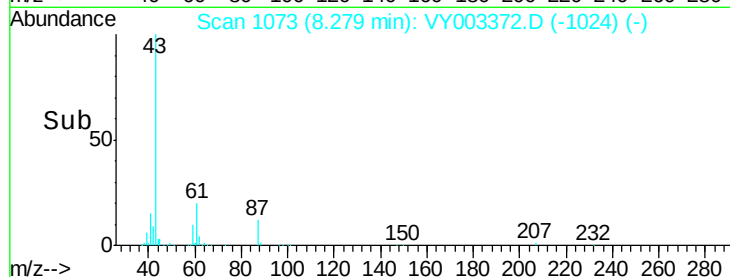
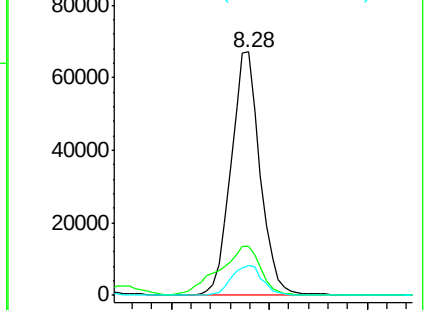
87 13.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003372.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003372.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003372.D (-1024) (-)



#44

Trichloroethene

Concen: 20.034 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003372.D

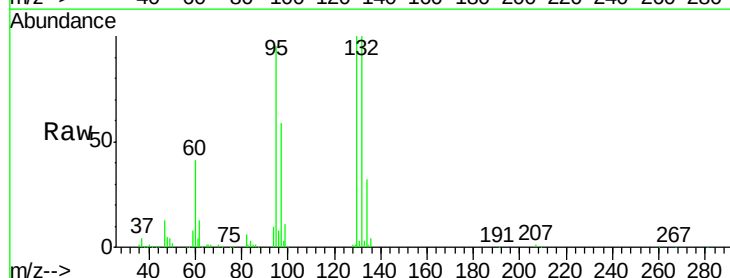
Acq: 28 Jul 2020 13:52

Tgt Ion:130 Resp: 103608

Ion Ratio Lower Upper

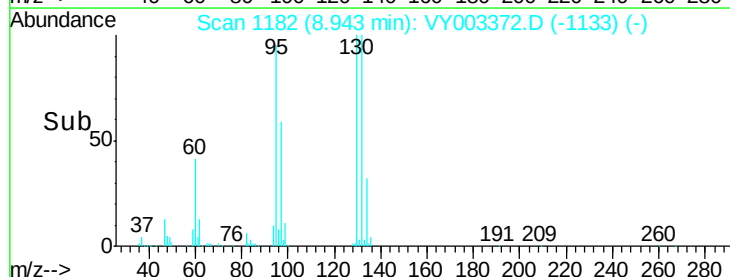
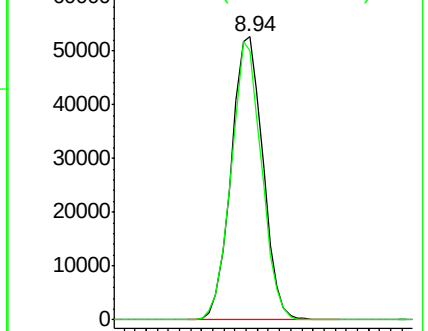
130 100

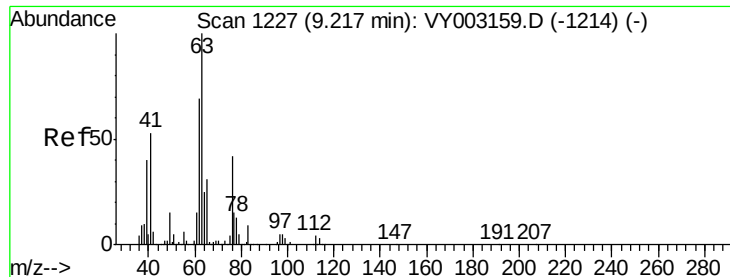
95 95.0 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003372.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003372.D (-1133) (-)

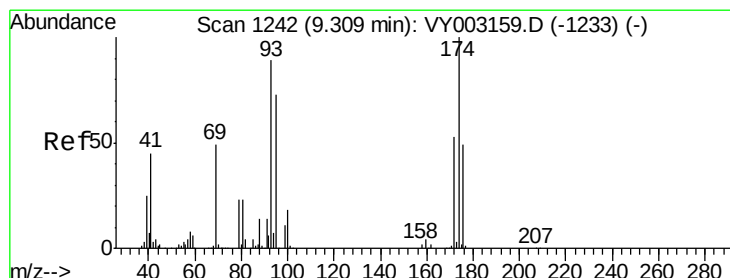
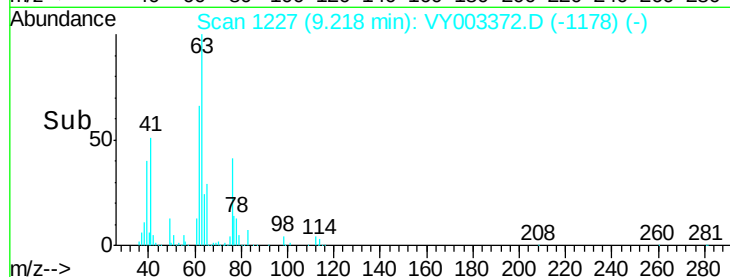
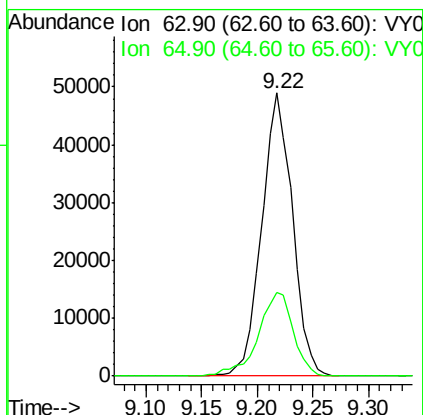
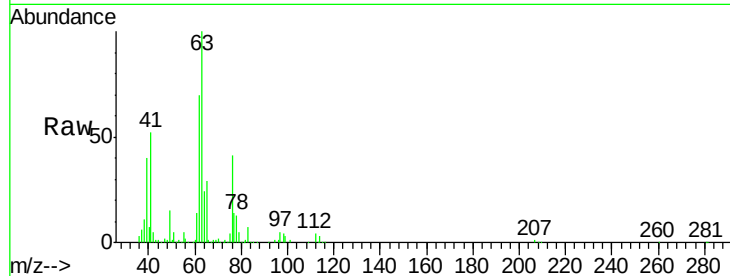




#45
 1,2-Dichloropropane
 Concen: 21.638 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

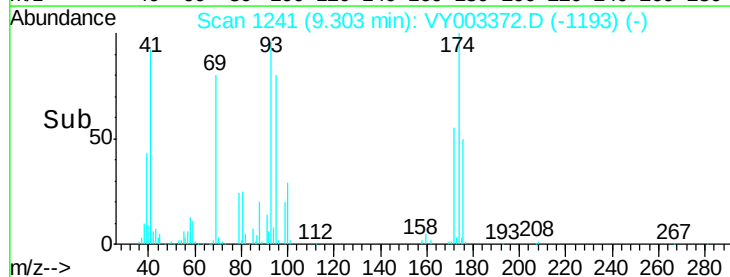
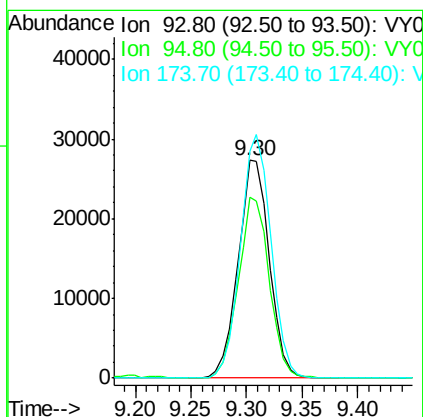
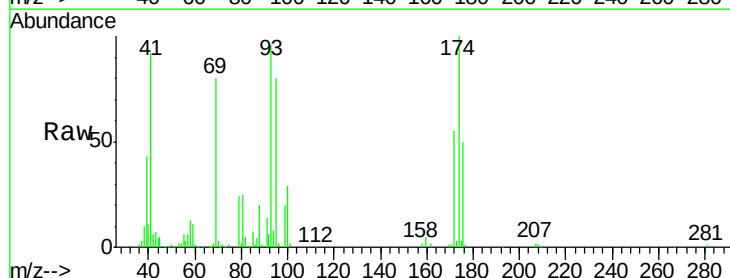
Instrument :
 MSVOA_Y
 ClientSampled :

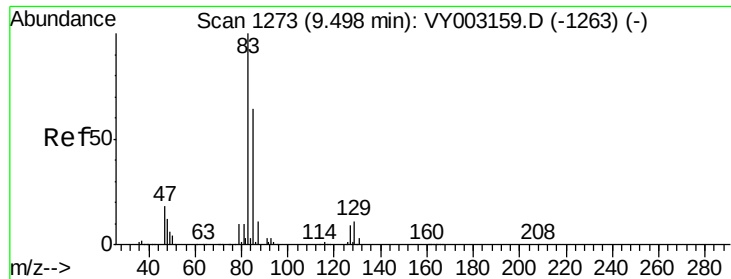
Tot Ion: 63 Resp: 94457
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4



#46
 Dibromomethane
 Concen: 20.743 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion: 93 Resp: 52886
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 99.8
 174 109.8 90.2 135.4





#47

Bromodichloromethane

Concen: 21.517 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

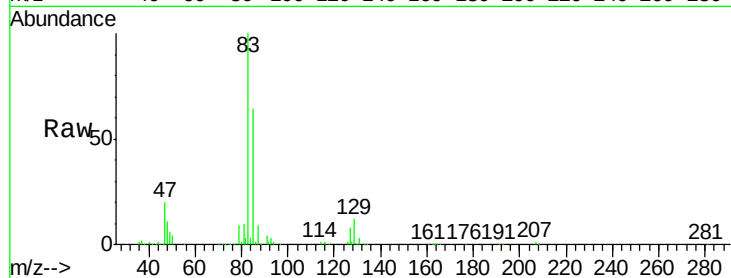
Tot Ion: 83 Resp: 130475

Ion Ratio Lower Upper

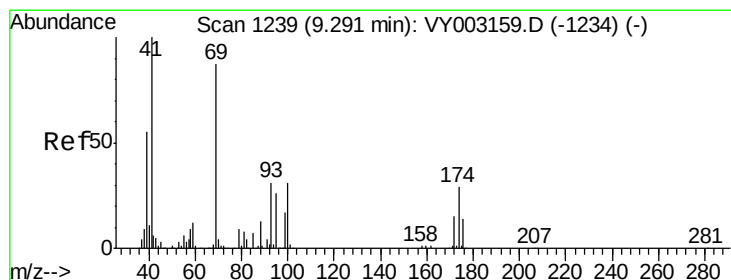
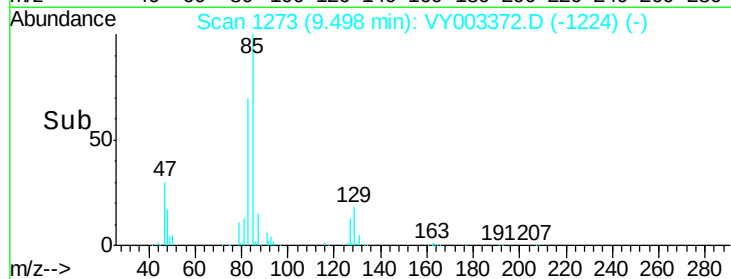
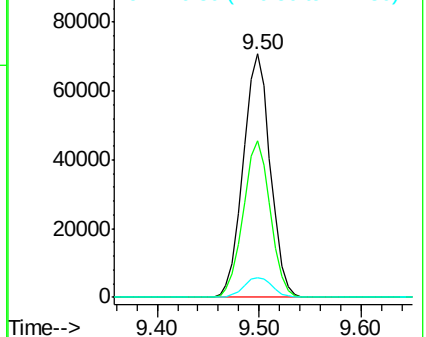
83 100

85 64.3 50.9 76.3

127 8.0 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: 21.352 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

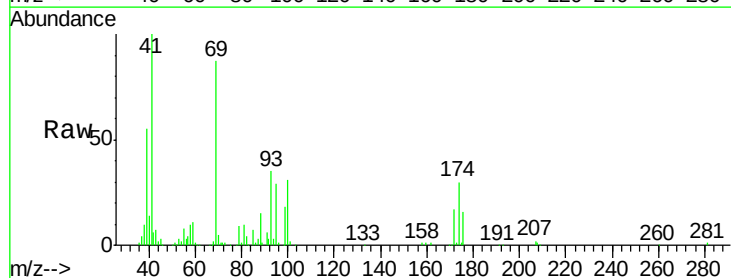
Tgt Ion: 41 Resp: 60965

Ion Ratio Lower Upper

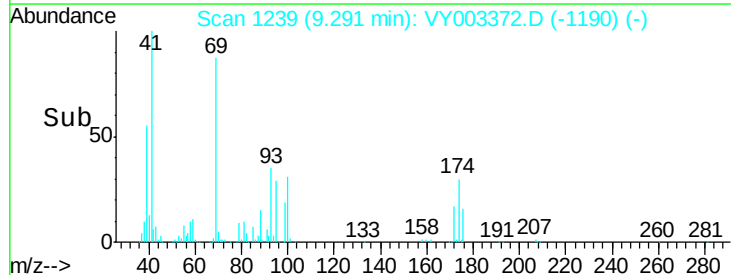
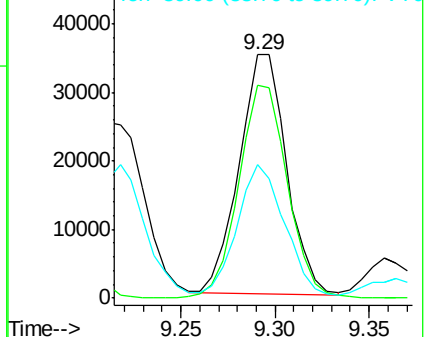
41 100

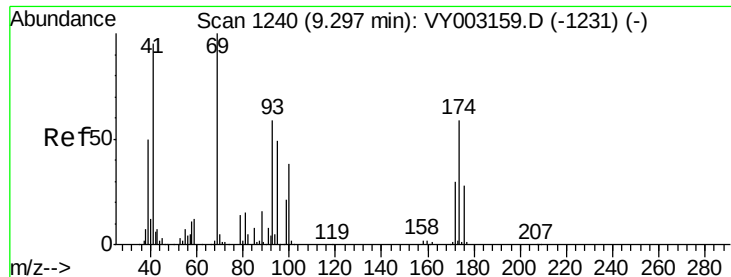
69 91.2 74.5 111.7

39 54.1 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: 385.088 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :

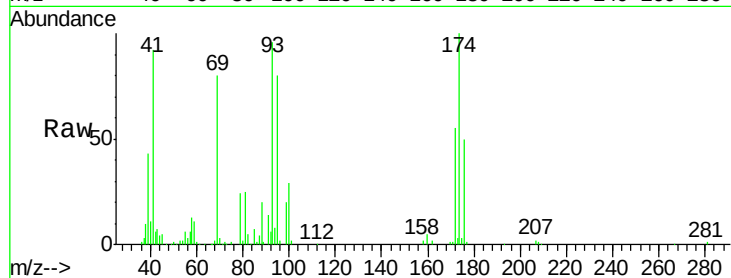
Tot Ion: 88 Resp: 12461

Ion Ratio Lower Upper

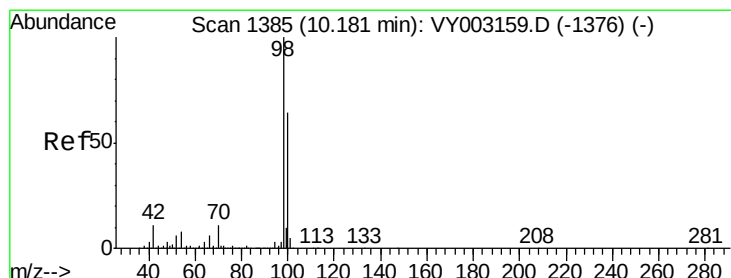
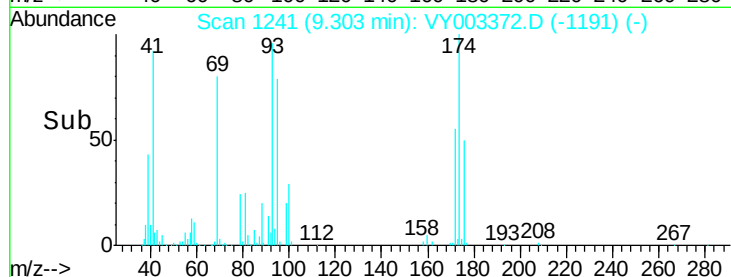
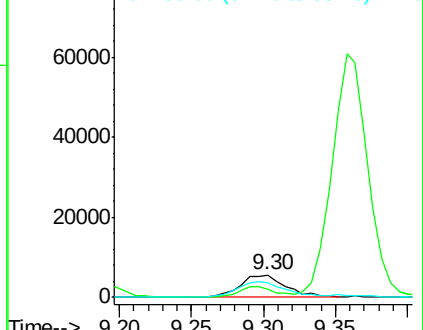
88 100

43 39.2 25.6 38.4#

58 75.1 47.8 71.6#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 46.653 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003372.D

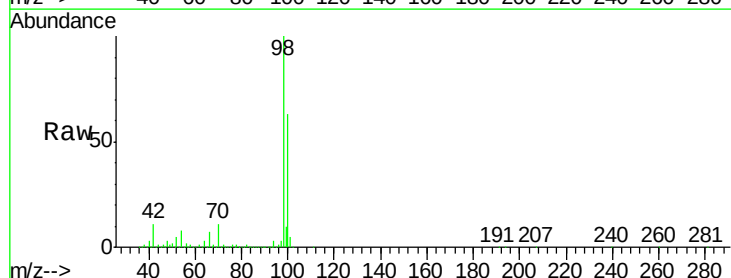
Acq: 28 Jul 2020 13:52

Tgt Ion: 98 Resp: 674766

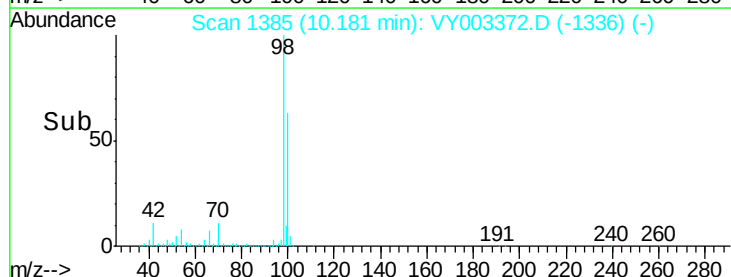
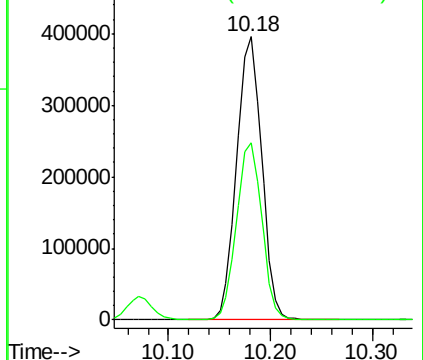
Ion Ratio Lower Upper

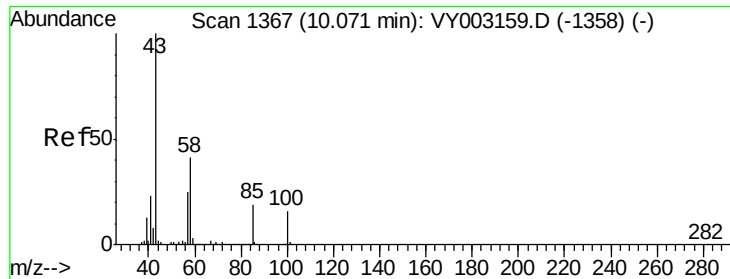
98 100

100 63.0 50.7 76.1



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

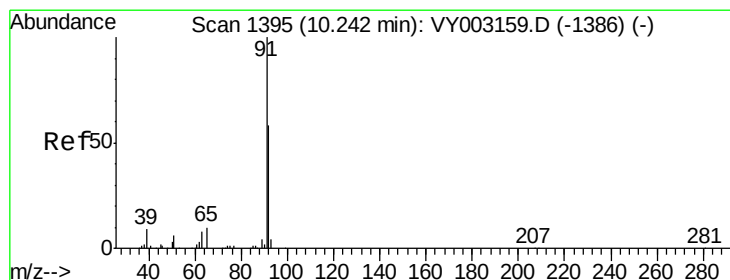
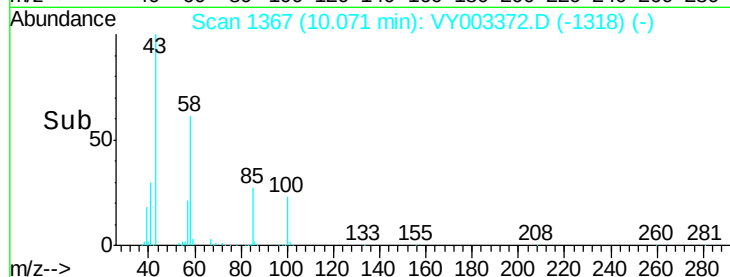
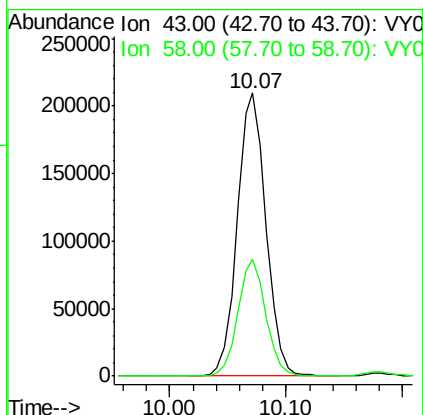
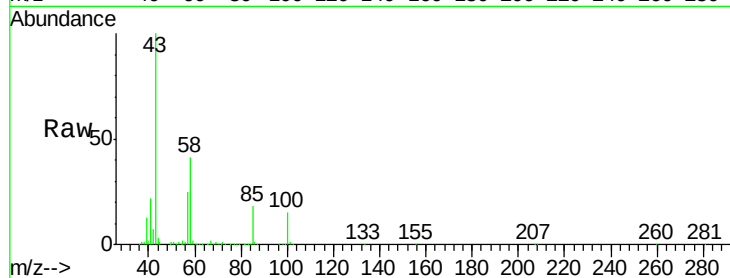




#51
4-Methyl-2-Pentanone
Concen: 107.981 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

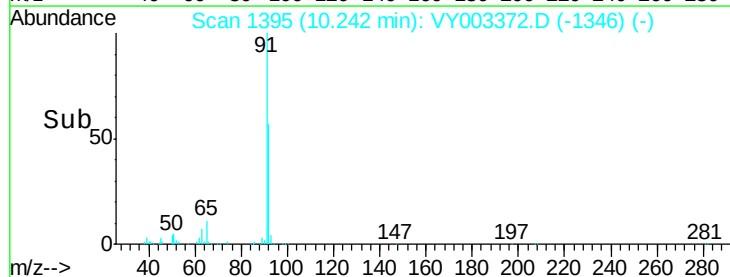
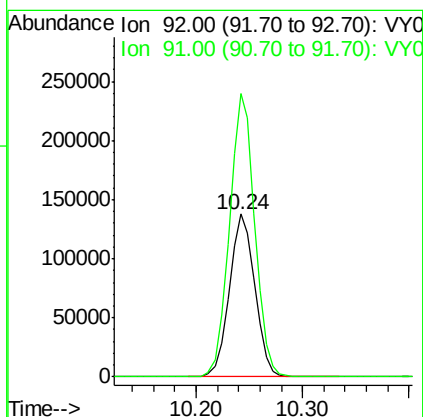
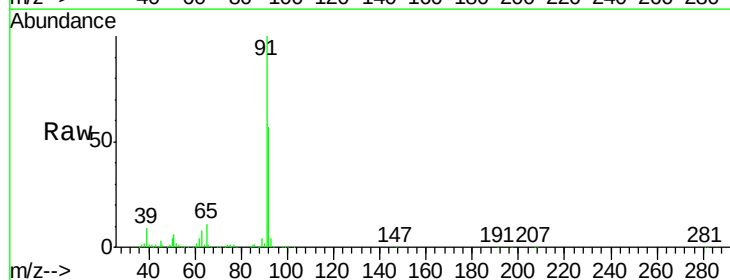
Instrument :
MSVOA_Y
ClientSampleId :

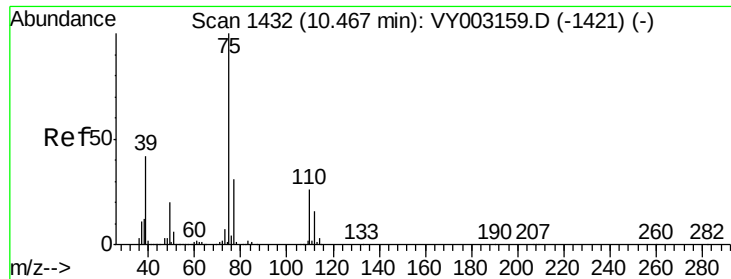
Tot Ion: 43 Resp: 358457
Ion Ratio Lower Upper
43 100
58 40.3 32.7 49.1



#52
Toluene
Concen: 21.352 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 92 Resp: 230237
Ion Ratio Lower Upper
92 100
91 172.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.289 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

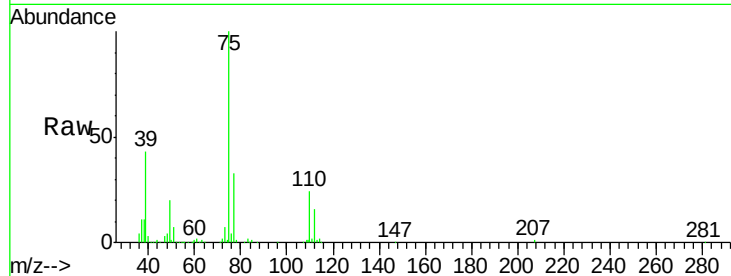
ClientSampled :

Tot Ion: 75 Resp: 133751

Ion Ratio Lower Upper

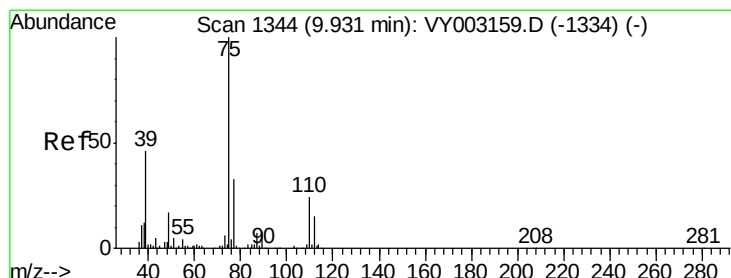
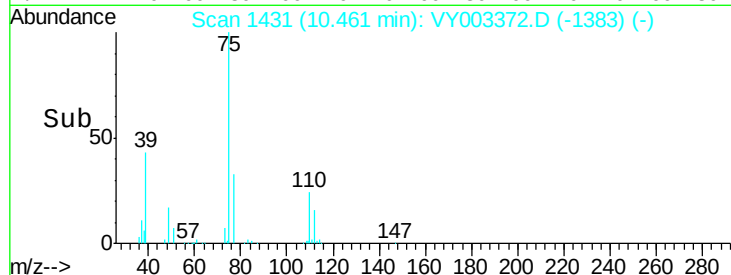
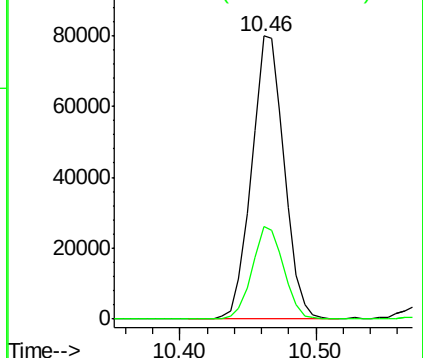
75 100

77 32.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.648 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

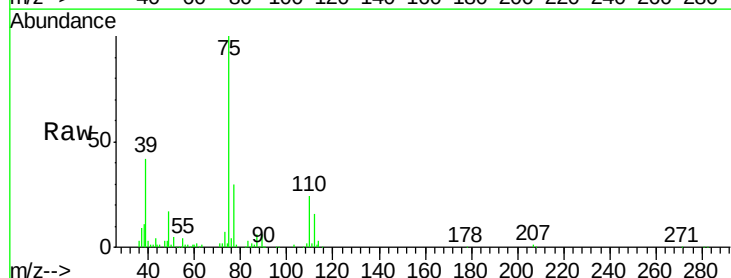
Tgt Ion: 75 Resp: 156707

Ion Ratio Lower Upper

75 100

77 29.8 26.7 40.1

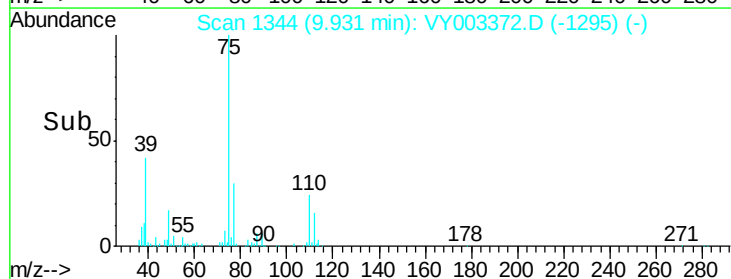
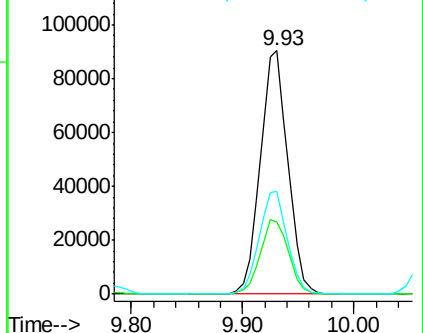
39 42.3 37.0 55.6

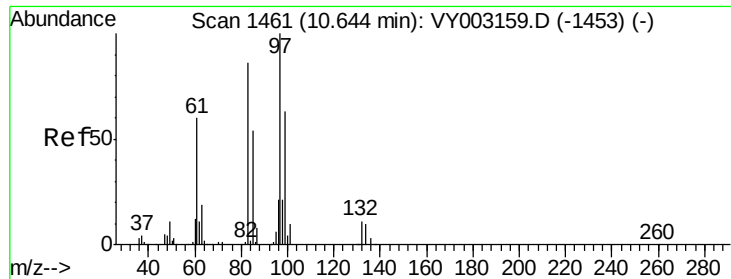


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

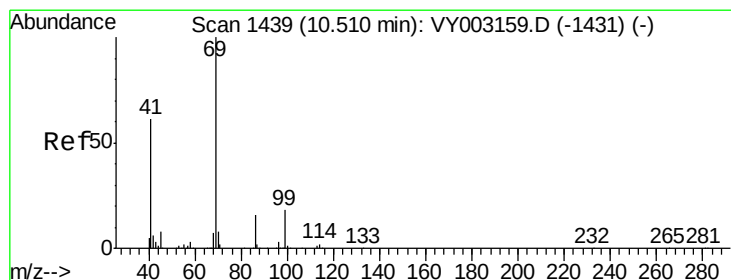
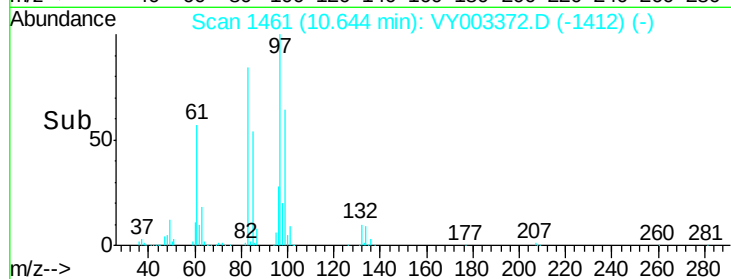
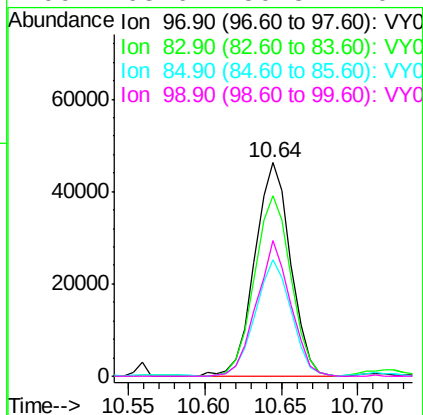
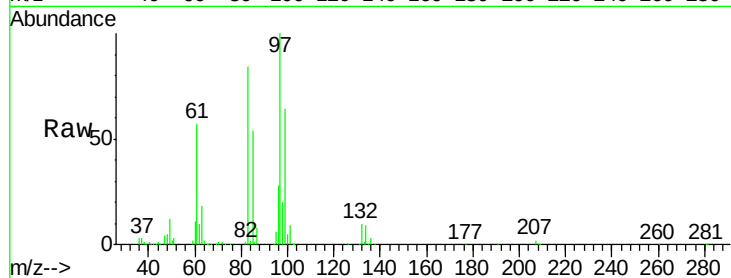




#55
 1,1,2-Trichloroethane
 Concen: 20.921 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

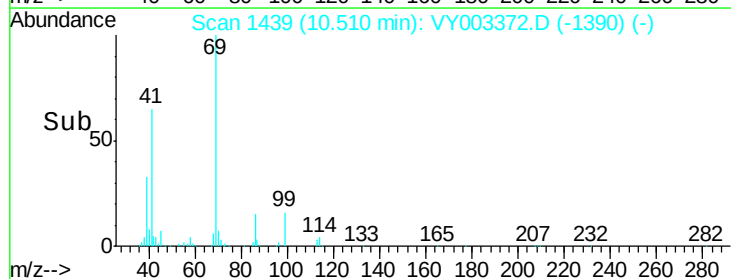
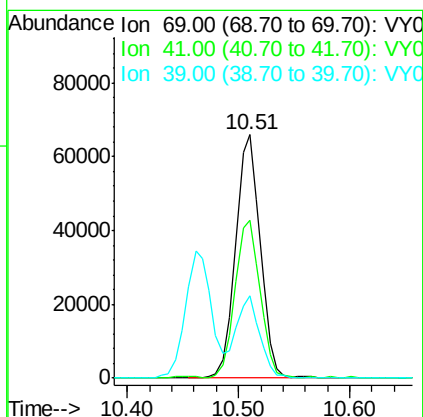
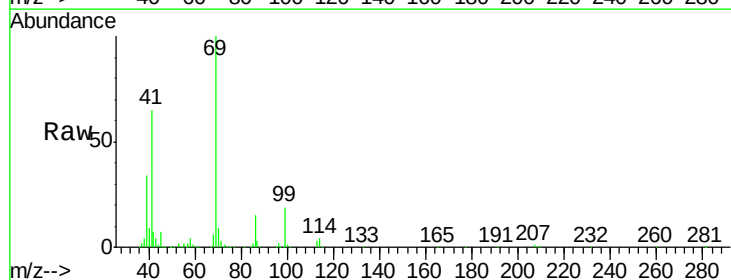
Instrument :
 MSVOA_Y
 ClientSampleId :

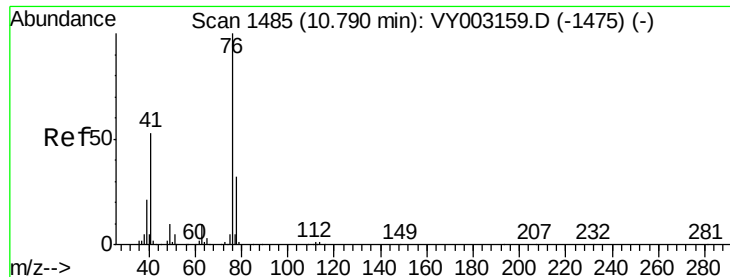
Tot Ion:	97	Resp:	75587
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.8	103.2
85	54.3	43.1	64.7
99	63.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.558 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion:	69	Resp:	100980
Ion	Ratio	Lower	Upper
69	100		
41	64.9	50.0	75.0
39	32.6	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.121 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

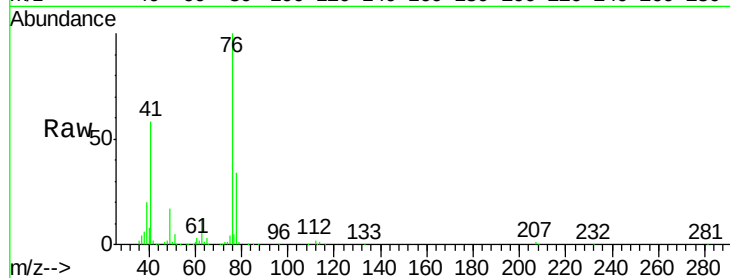
ClientSampleId :

Tot Ion: 76 Resp: 129384

Ion Ratio Lower Upper

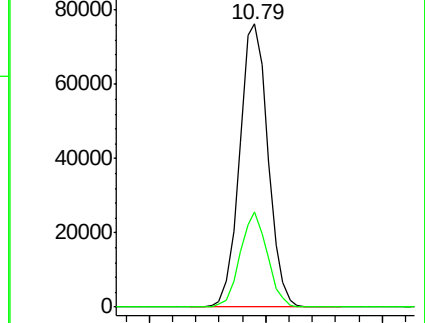
76 100

78 32.1 26.0 39.0

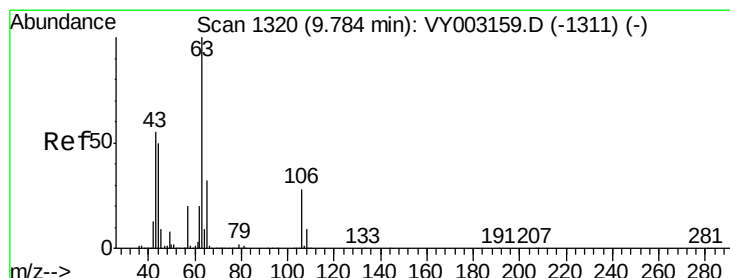
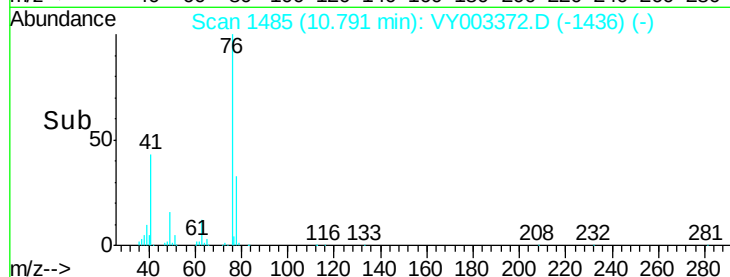


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 114.991 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003372.D

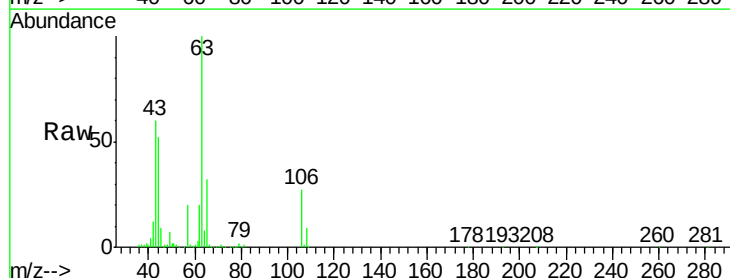
Acq: 28 Jul 2020 13:52

Tgt Ion: 63 Resp: 288060

Ion Ratio Lower Upper

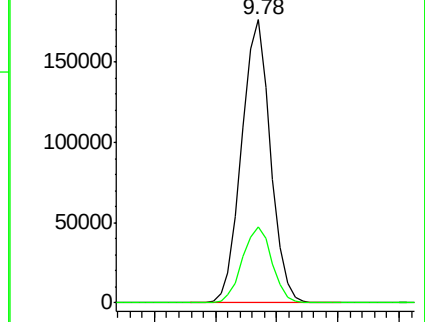
63 100

106 27.6 22.9 34.3

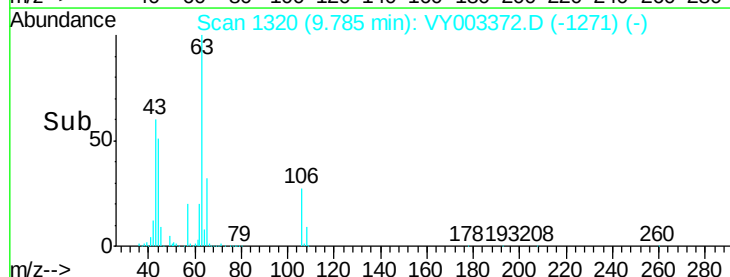


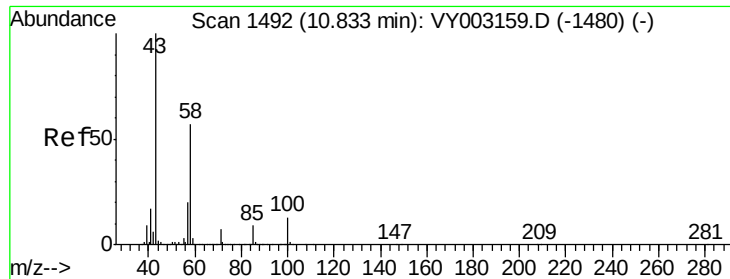
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

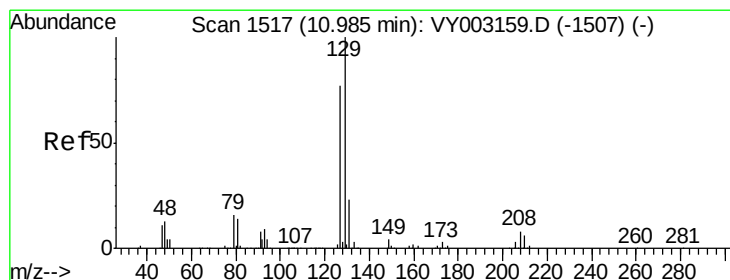
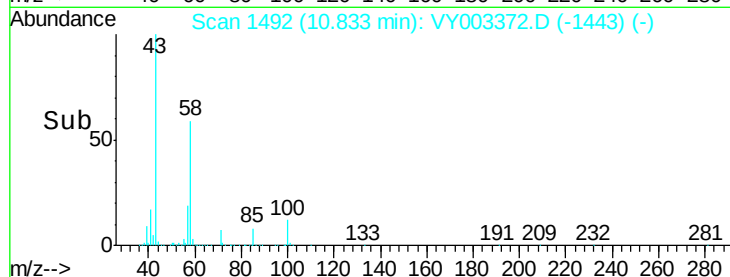
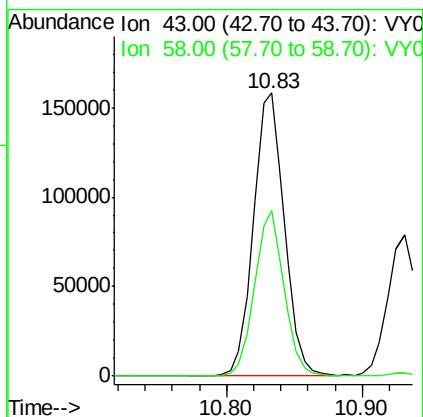
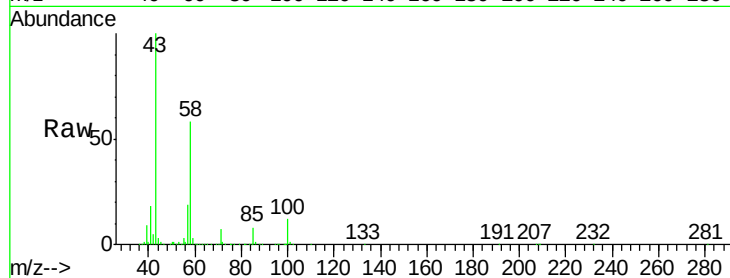




#59
2-Hexanone
Concen: 108.820 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

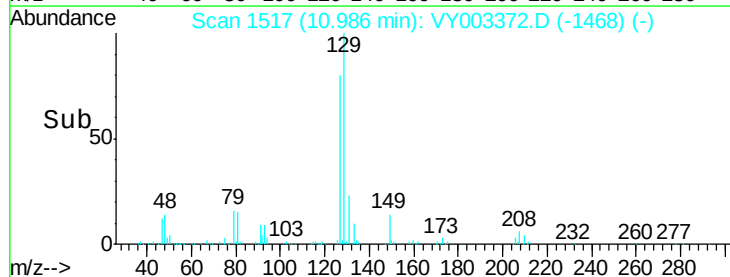
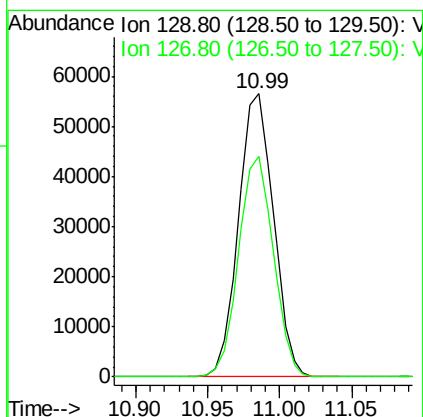
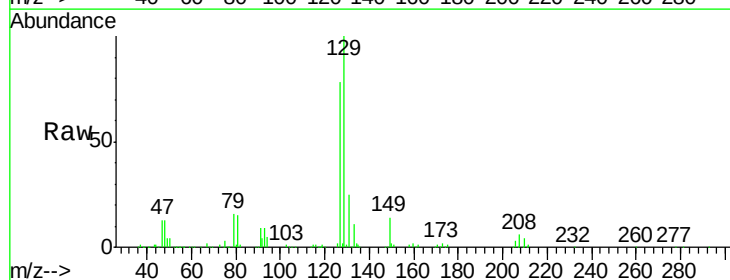
Instrument :
MSVOA_Y
ClientSampleId :

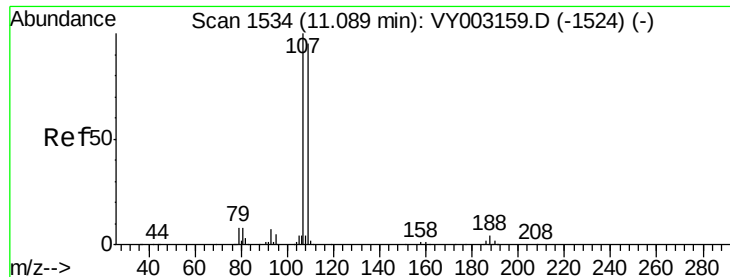
Tot Ion: 43 Resp: 252172
Ion Ratio Lower Upper
43 100
58 56.0 28.3 85.0



#60
Dibromochloromethane
Concen: 21.020 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 129 Resp: 95519
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.977 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

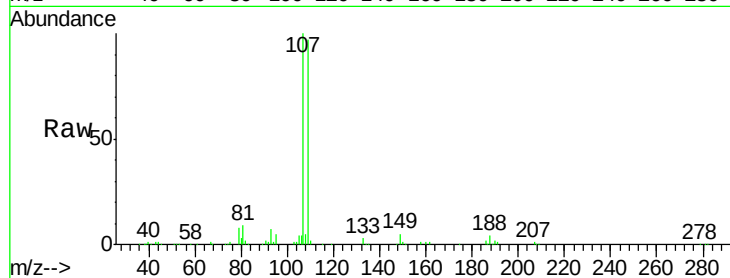
ClientSampleId :

Tot Ion:107 Resp: 71234

Ion Ratio Lower Upper

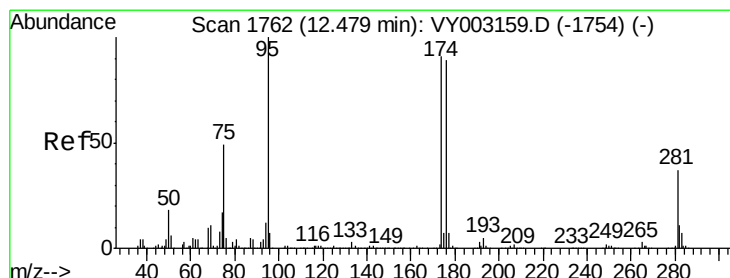
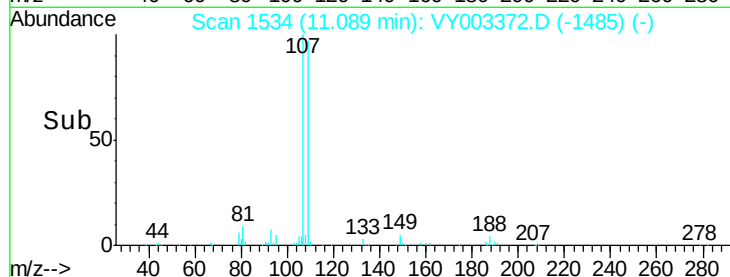
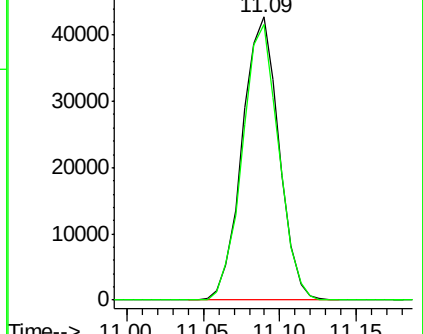
107 100

109 96.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.703 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

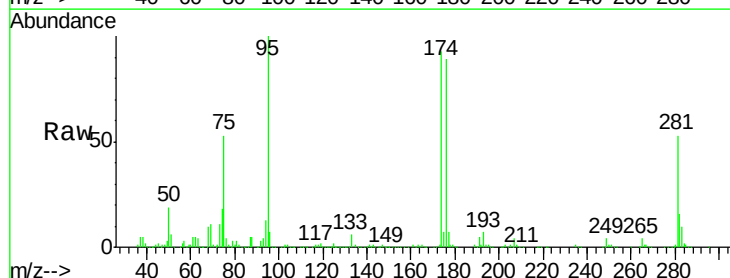
Tgt Ion: 95 Resp: 249252

Ion Ratio Lower Upper

95 100

174 93.0 0.0 190.6

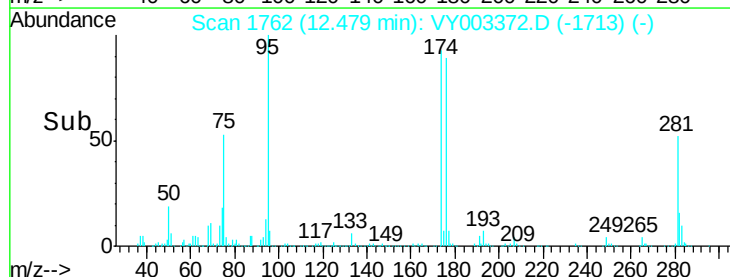
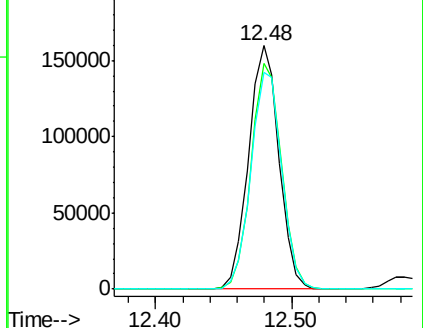
176 90.8 0.0 186.4

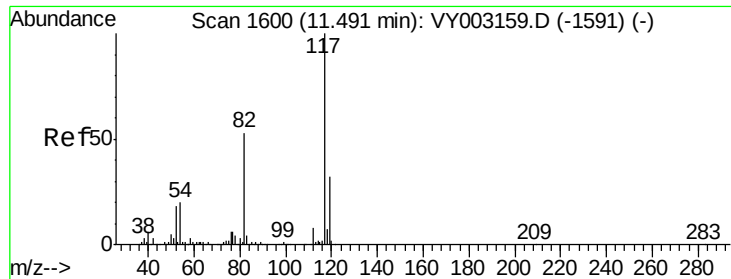


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

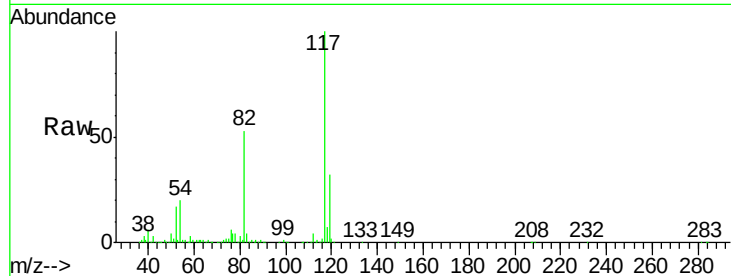




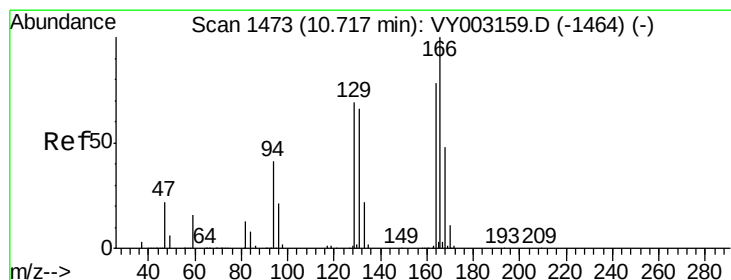
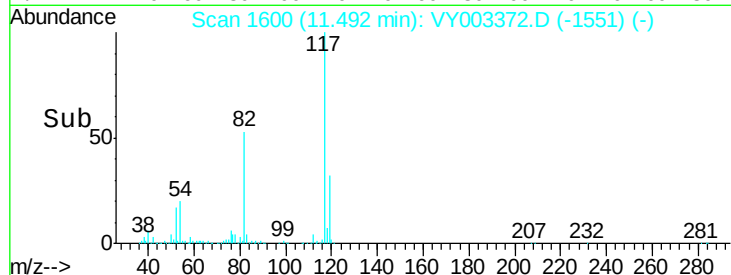
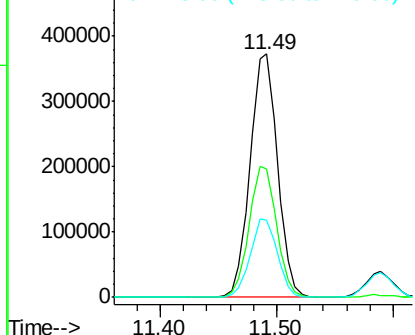
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 613730
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 31.8 25.5 38.3

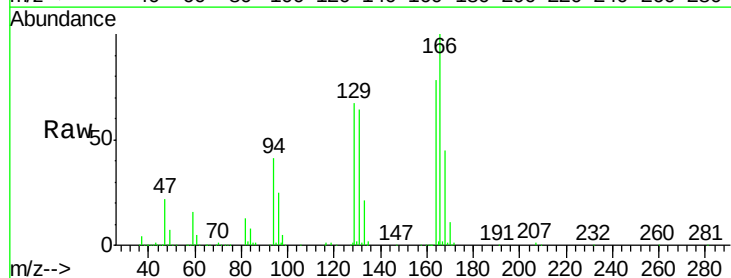


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

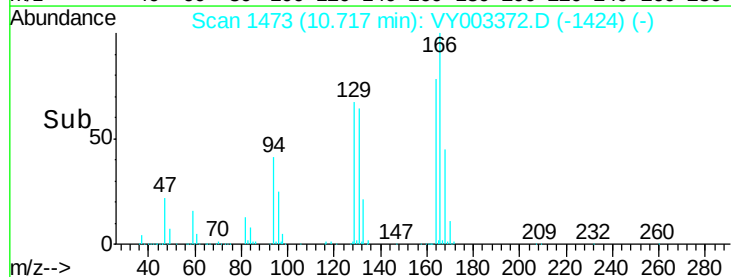
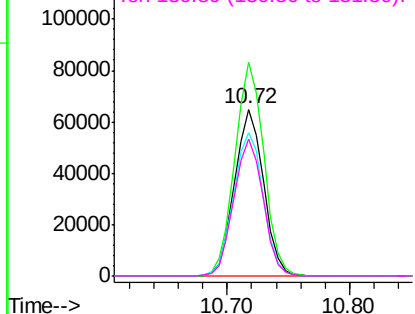


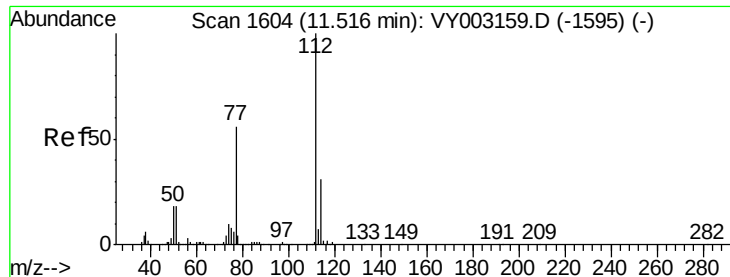
#64
Tetrachloroethene
Concen: 19.364 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:164 Resp: 105962
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 86.0 71.4 107.2
131 82.1 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.333 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

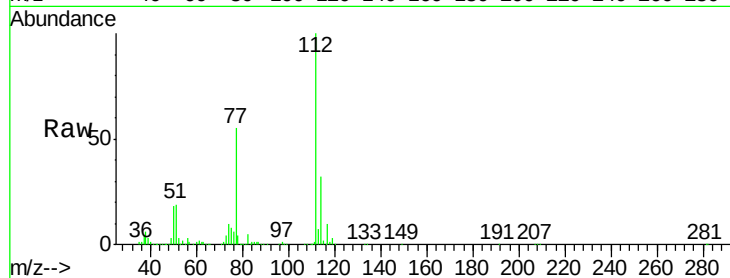
ClientSampleId :

Tot Ion:112 Resp: 252227

Ion Ratio Lower Upper

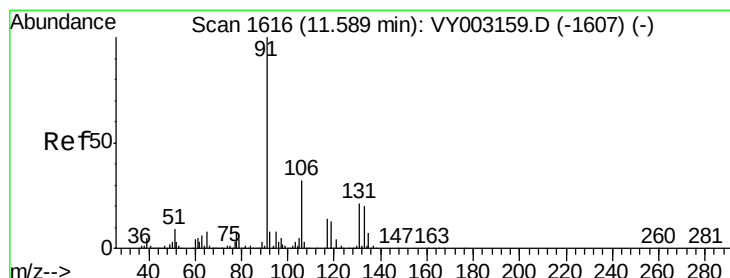
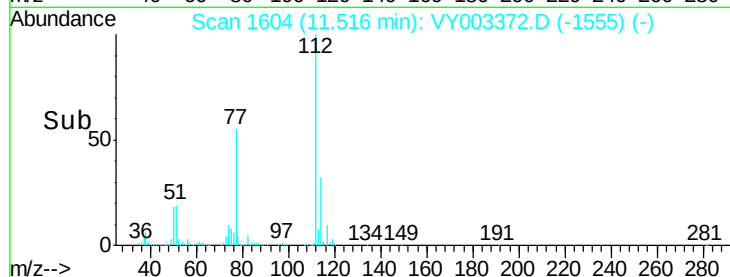
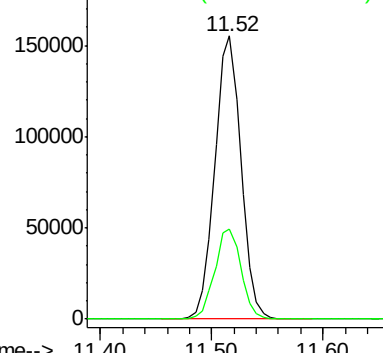
112 100

114 31.8 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.259 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

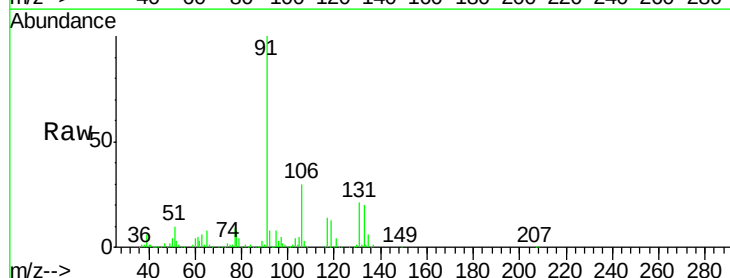
Tgt Ion:131 Resp: 97621

Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.0

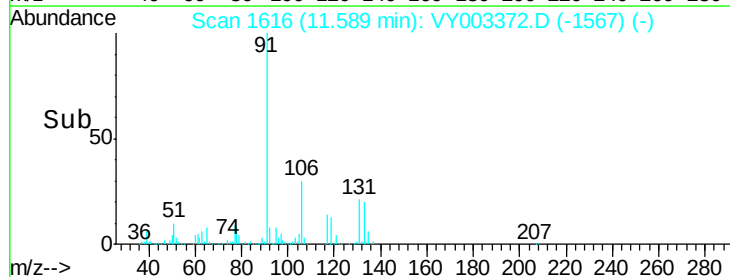
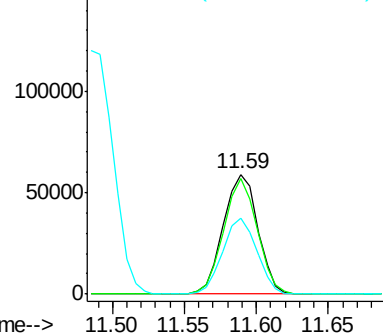
119 62.9 32.4 97.0

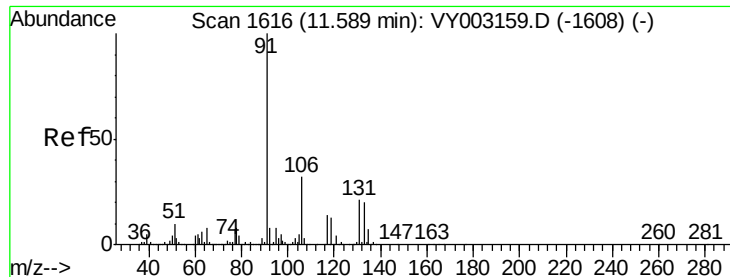


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.175 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

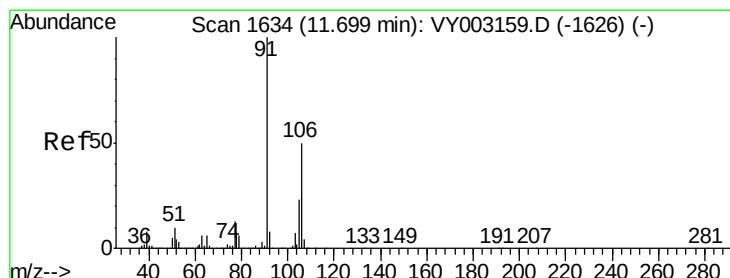
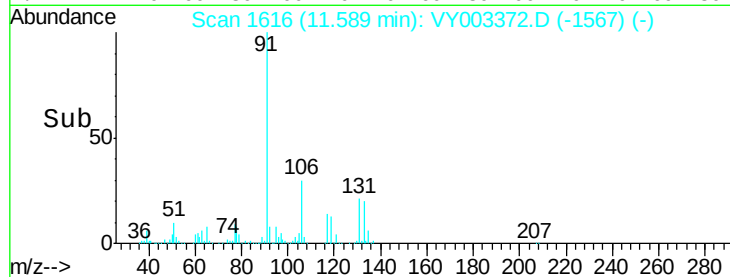
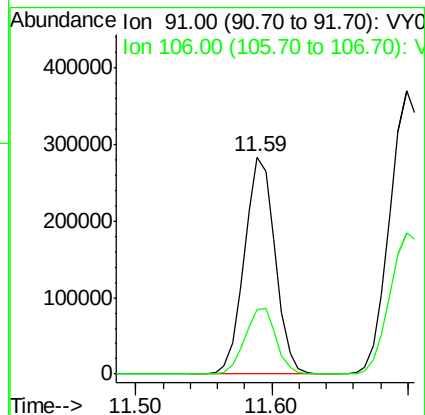
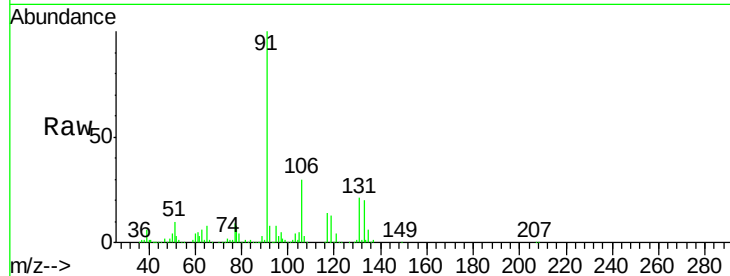
ClientSampled :

Tot Ion: 91 Resp: 447011

Ion Ratio Lower Upper

91 100

106 29.7 25.5 38.3



#68

m/p-Xylenes

Concen: 42.598 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003372.D

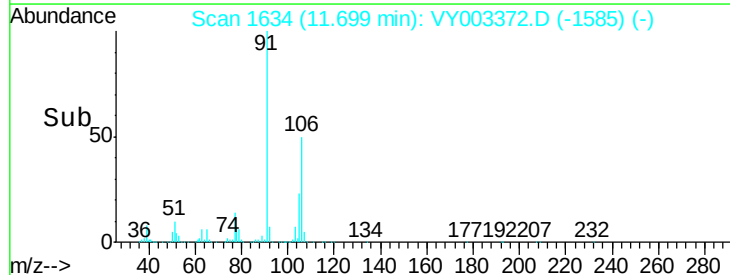
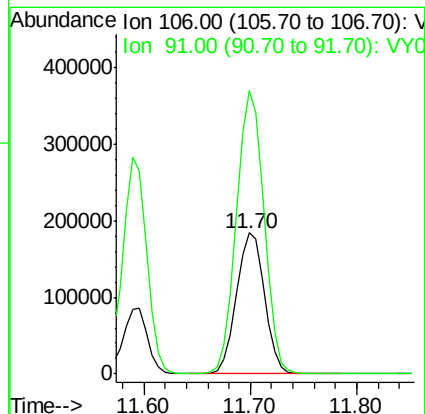
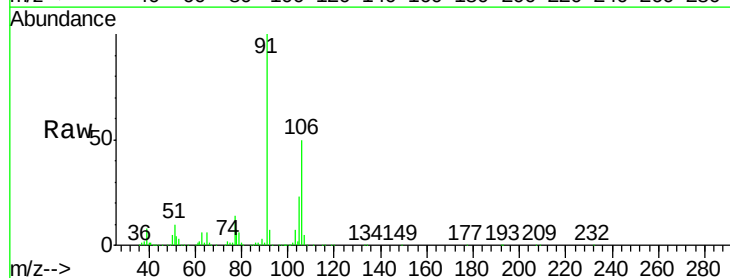
Acq: 28 Jul 2020 13:52

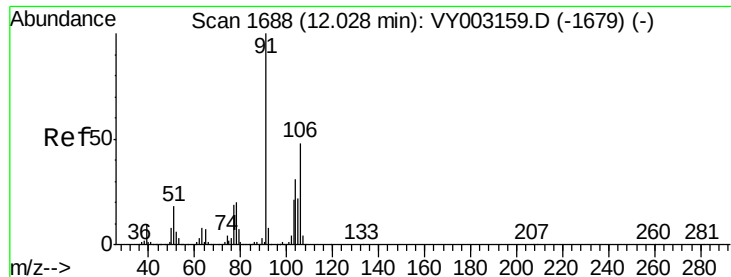
Tgt Ion: 106 Resp: 341203

Ion Ratio Lower Upper

106 100

91 198.0 159.0 238.6

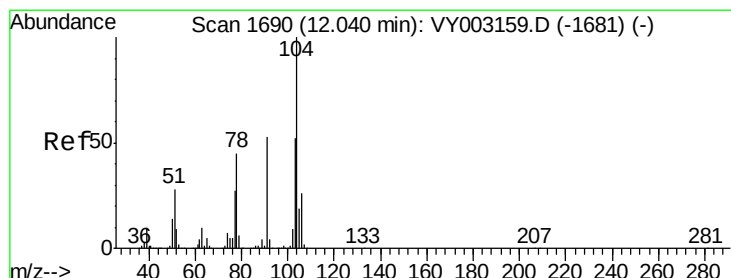
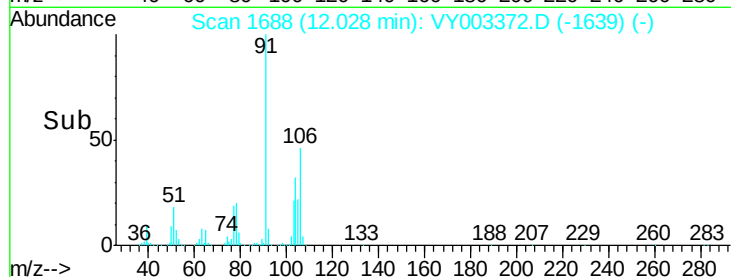
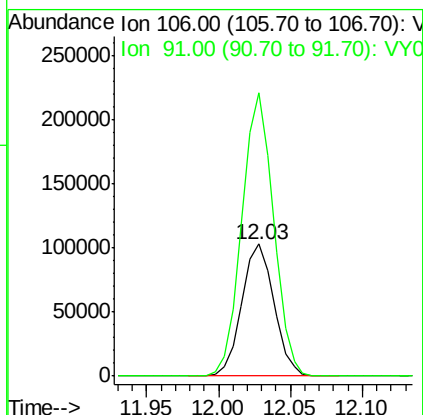
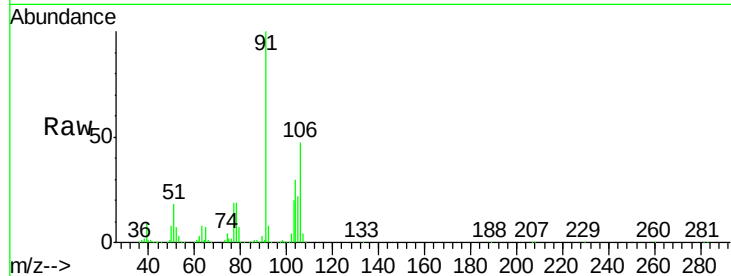




#69
o-Xylene
Concen: 21.316 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

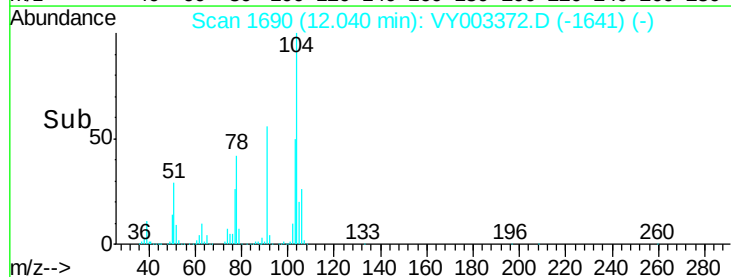
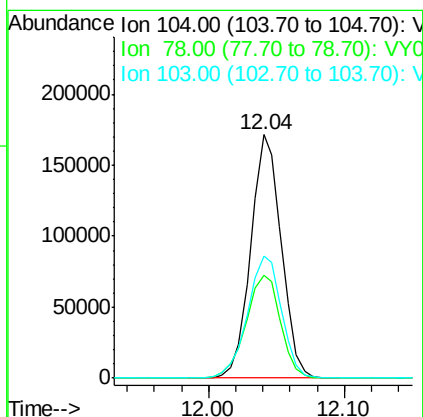
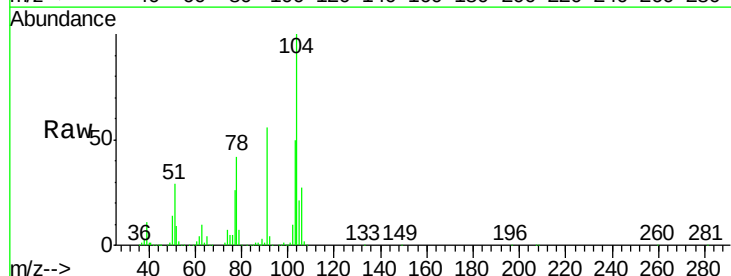
Instrument :
MSVOA_Y
ClientSampleId :

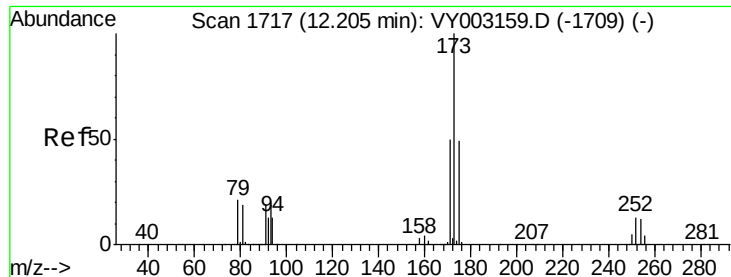
Tot Ion:106 Resp: 159504
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1



#70
Styrene
Concen: 21.114 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:104 Resp: 270275
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.9 43.9 65.9

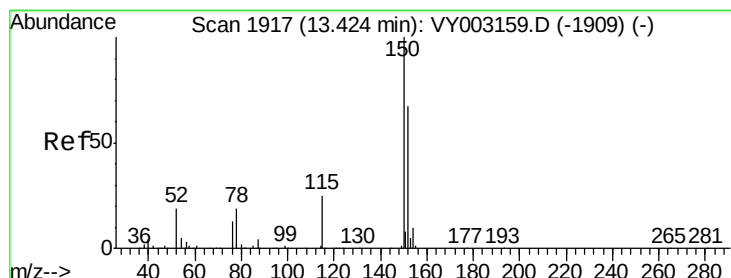
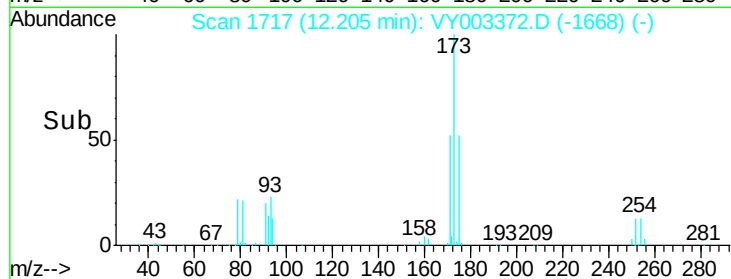
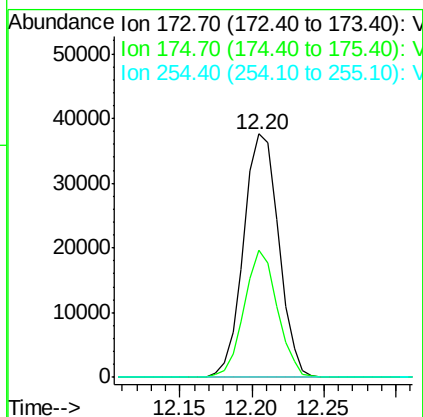
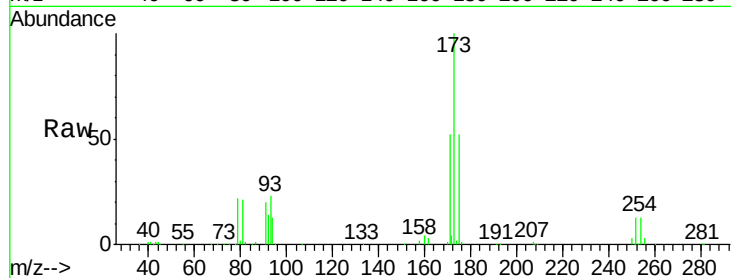




#71
Bromoform
Concen: 21.047 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

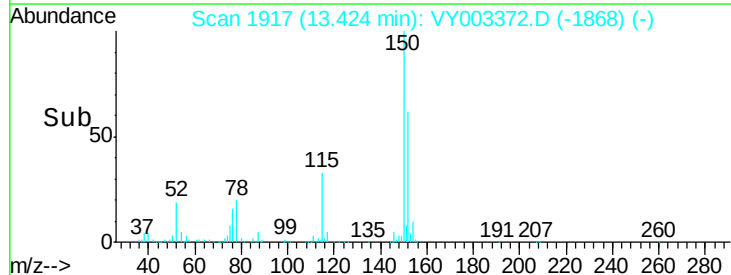
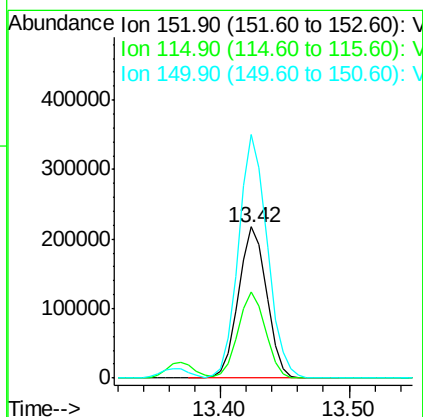
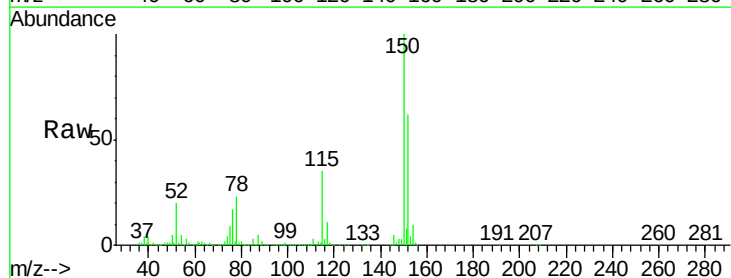
Instrument :
MSVOA_Y
ClientSampled :

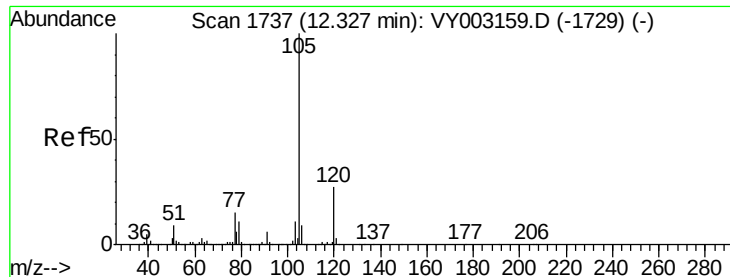
Tot Ion:173 Resp: 63435
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:152 Resp: 330239
Ion Ratio Lower Upper
152 100
115 55.3 26.9 80.7
150 164.0 0.0 338.0





#73

Isopropylbenzene

Concen: 20.844 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

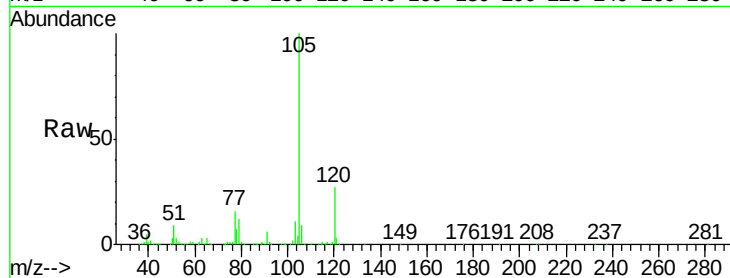
ClientSampleId :

Tot Ion:105 Resp: 438665

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

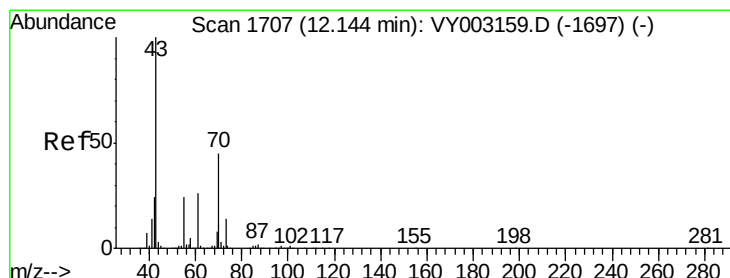
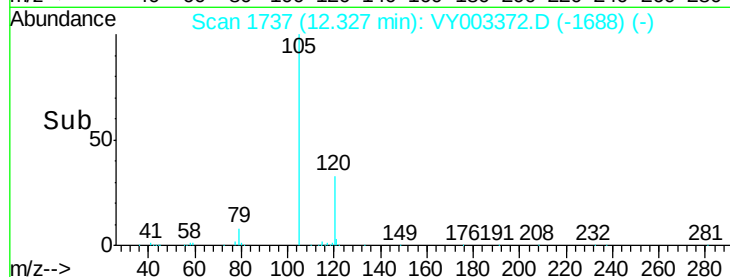
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.629 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion: 43 Resp: 127720

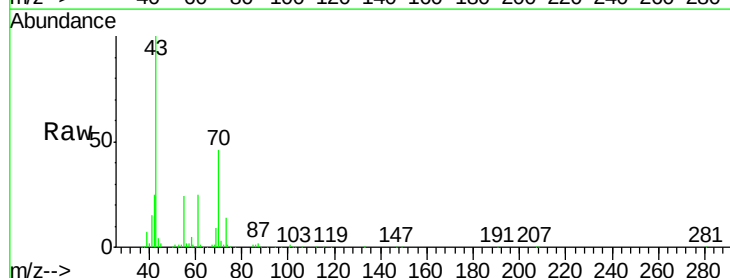
Ion Ratio Lower Upper

43 100

70 42.5 35.6 53.4

55 24.2 19.4 29.2

61 25.1 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

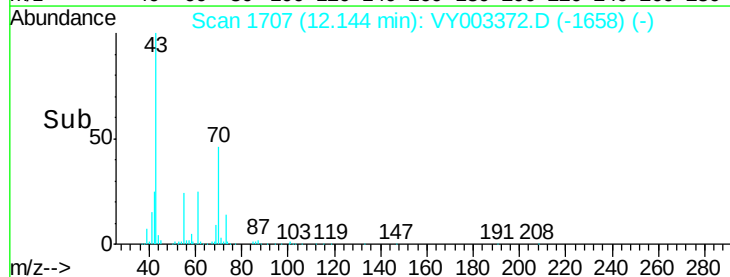
12.14

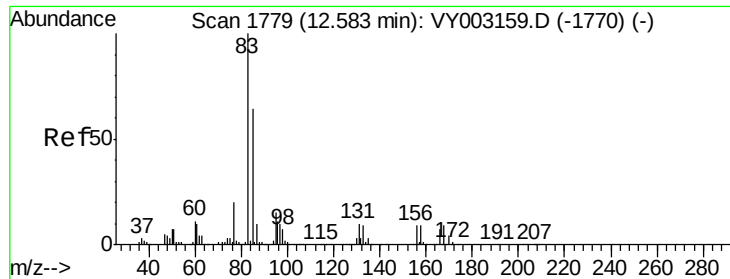
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.605 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

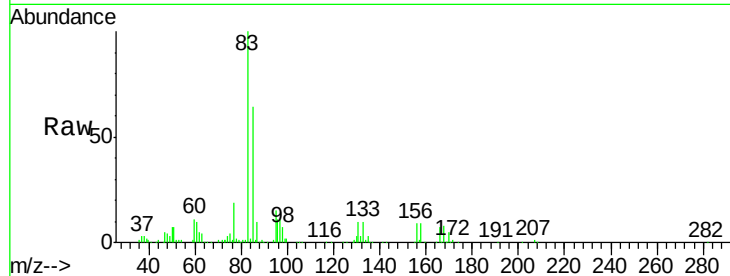
Tot Ion: 83 Resp: 87814

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

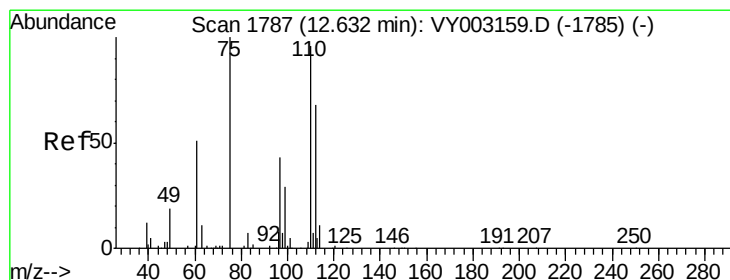
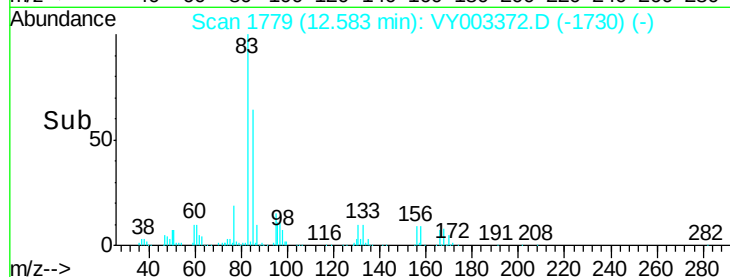
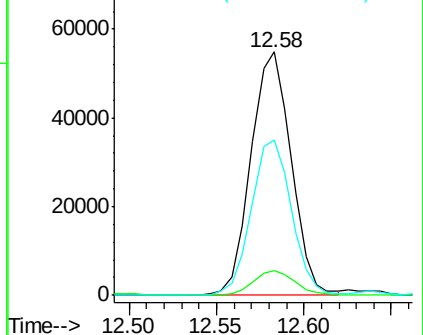
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.647 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003372.D

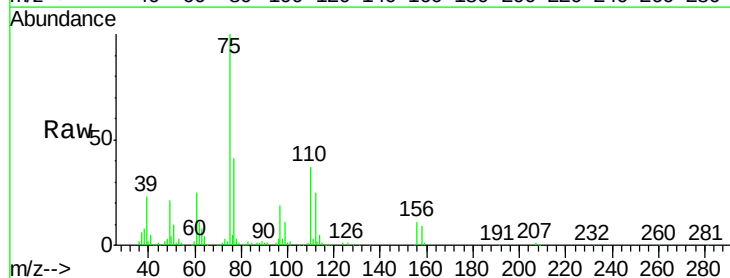
Acq: 28 Jul 2020 13:52

Tgt Ion: 75 Resp: 118819

Ion Ratio Lower Upper

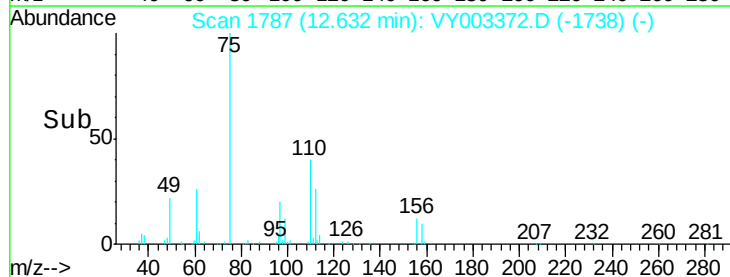
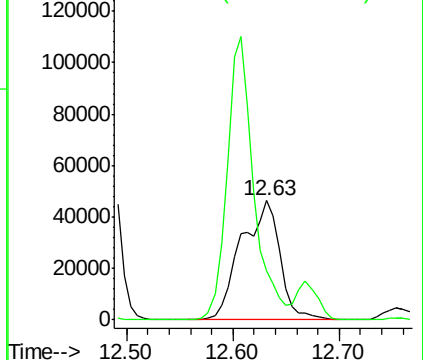
75 100

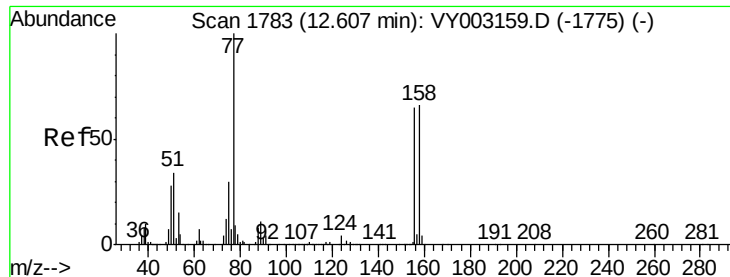
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.057 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

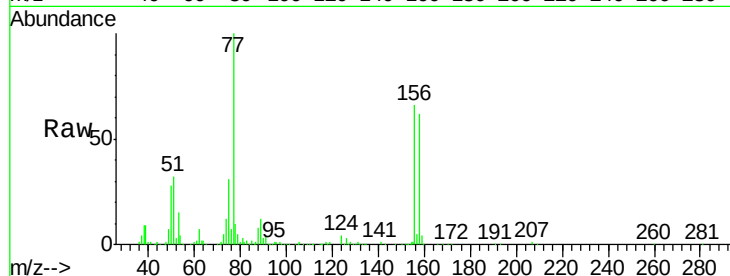
Tot Ion:156 Resp: 112960

Ion Ratio Lower Upper

156 100

77 170.4 86.6 259.7

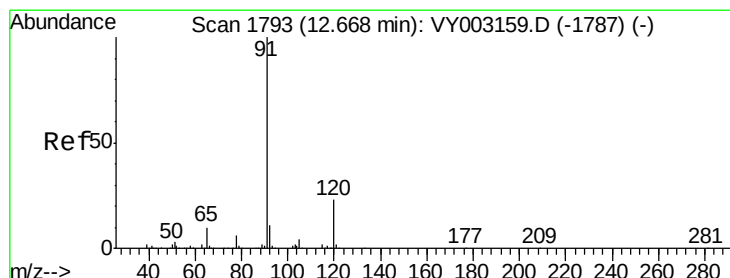
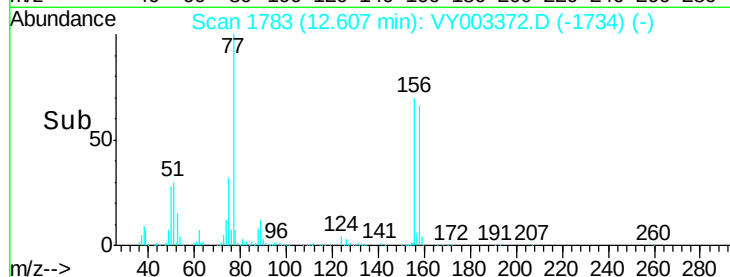
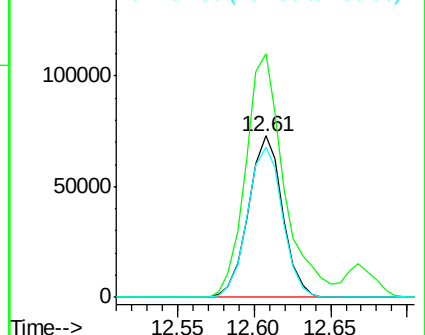
158 95.9 49.4 148.0



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: 21.309 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003372.D

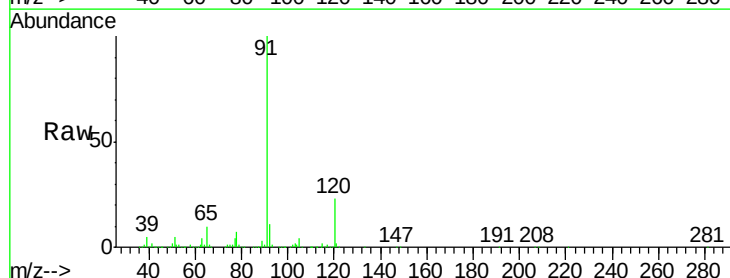
Acq: 28 Jul 2020 13:52

Tgt Ion: 91 Resp: 528606

Ion Ratio Lower Upper

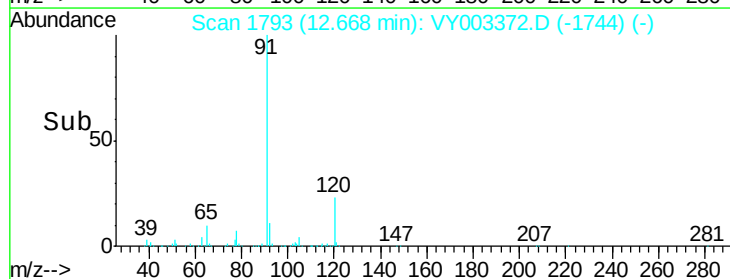
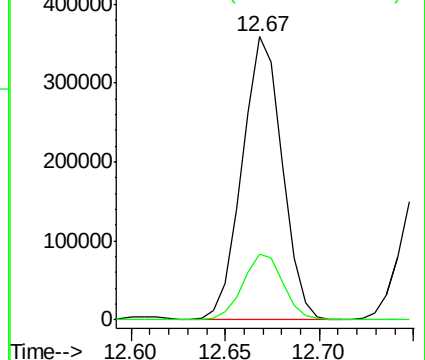
91 100

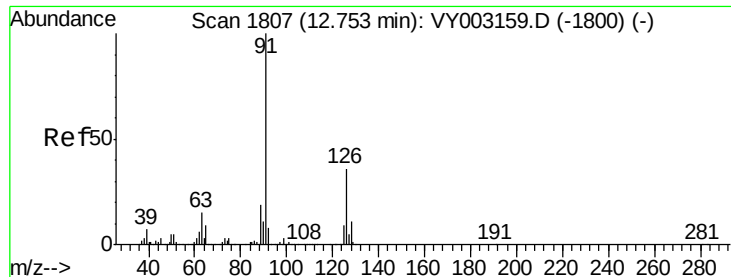
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

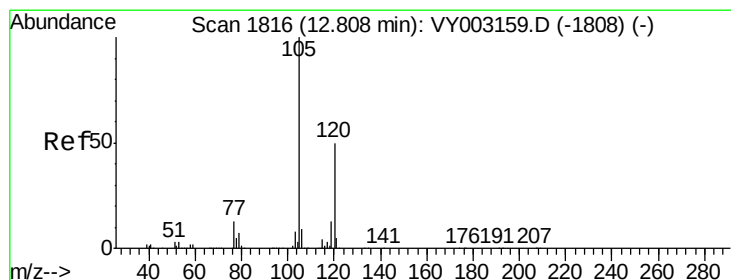
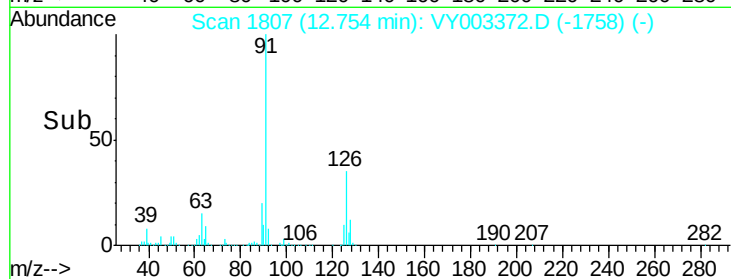
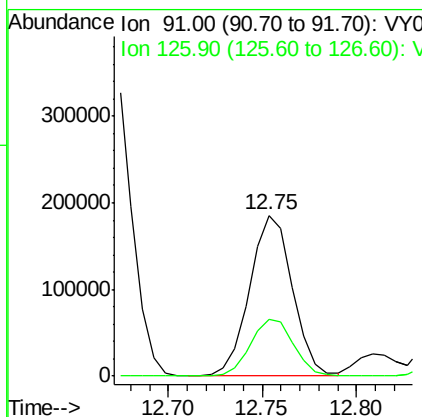
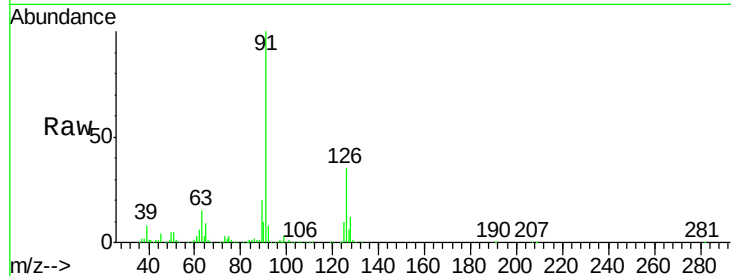




#79
2-Chlorotoluene
Concen: 21.054 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

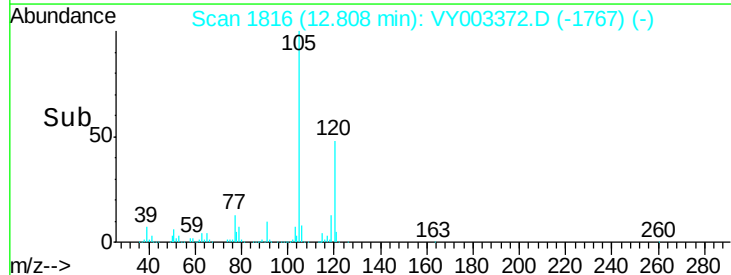
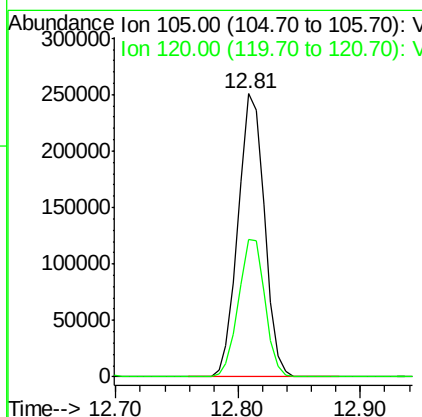
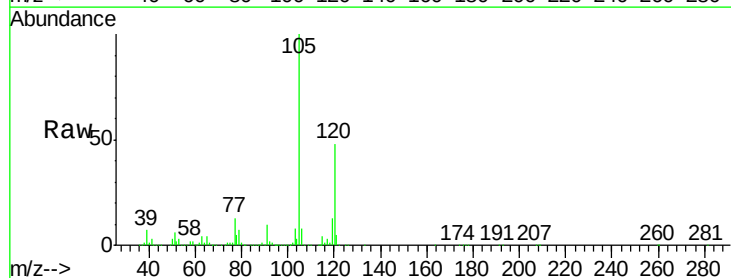
Instrument :
MSVOA_Y
ClientSampled :

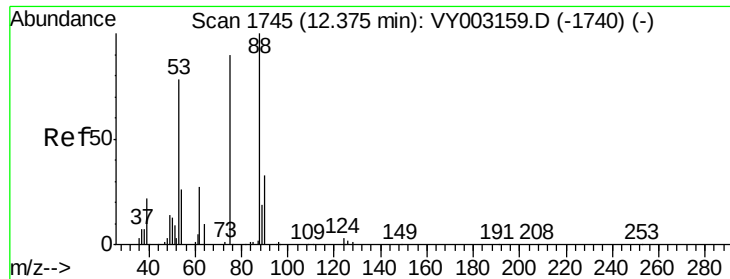
Tot Ion: 91 Resp: 291396
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 21.261 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 105 Resp: 372916
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.6

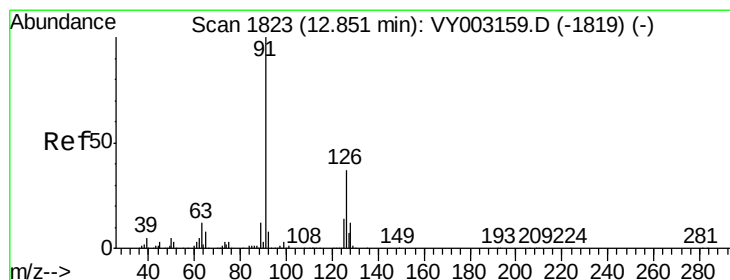
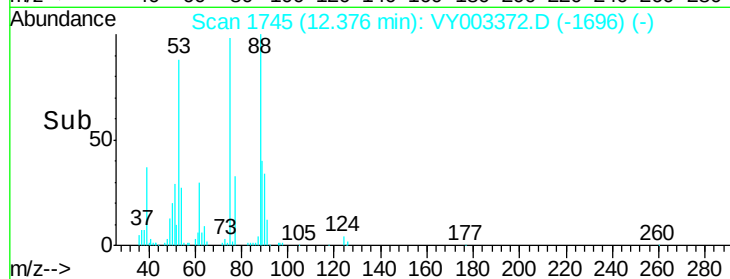
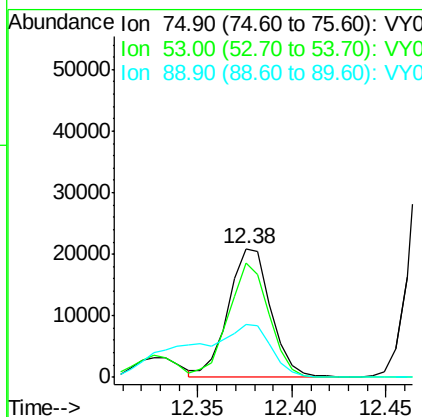
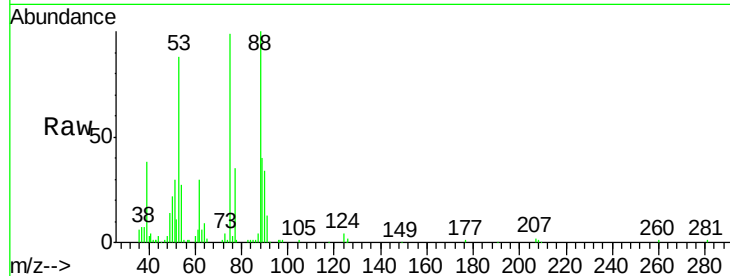




#81
trans-1,4-Dichloro-2-butene
Concen: 21.593 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

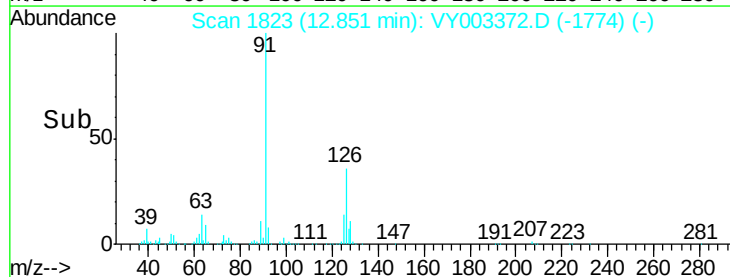
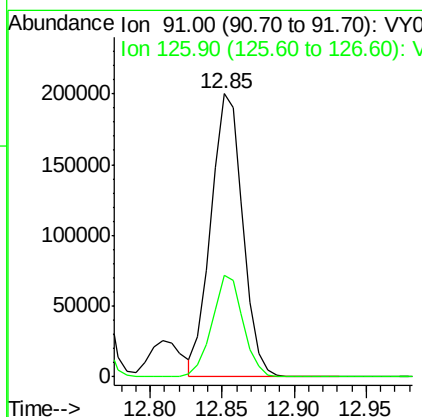
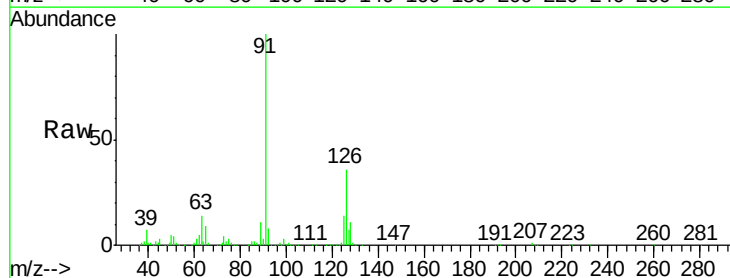
Instrument :
MSVOA_Y
ClientSampleId :

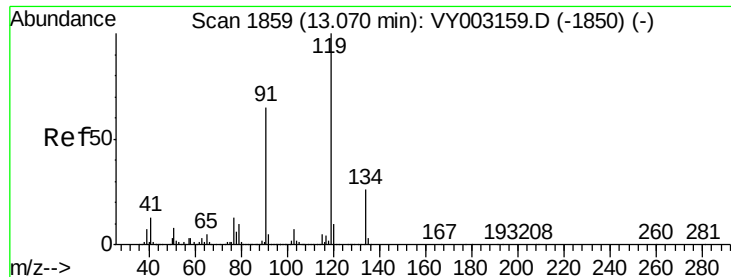
Tot Ion: 75 Resp: 32432
Ion Ratio Lower Upper
75 100
53 85.4 72.0 108.0
89 82.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 21.293 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 91 Resp: 307599
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.7





#83

tert-Butylbenzene

Concen: 21.326 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampled :

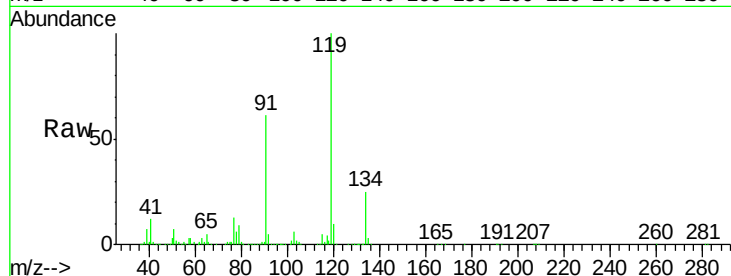
Tot Ion:119 Resp: 330052

Ion Ratio Lower Upper

119 100

91 62.1 30.8 92.4

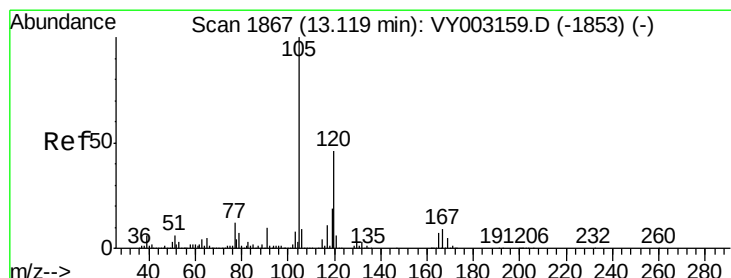
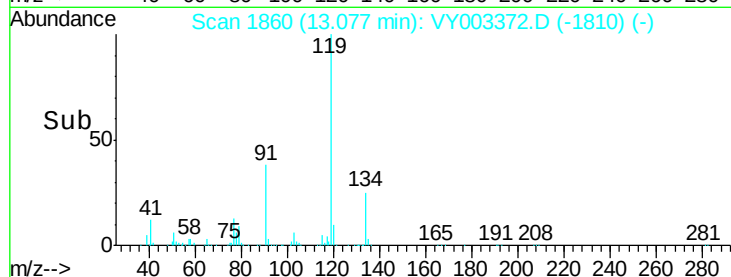
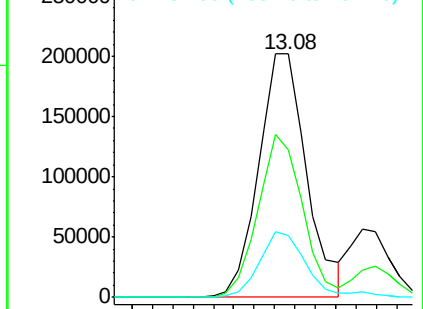
134 26.8 13.2 39.6



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: 21.311 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003372.D

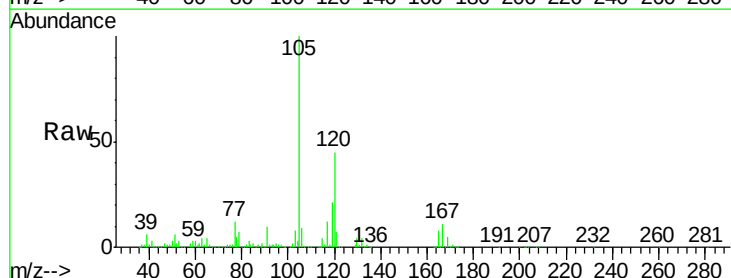
Acq: 28 Jul 2020 13:52

Tgt Ion:105 Resp: 376094

Ion Ratio Lower Upper

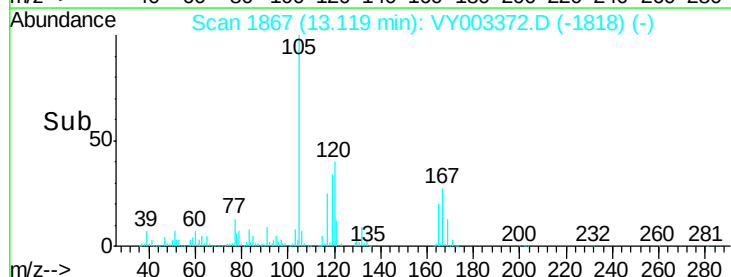
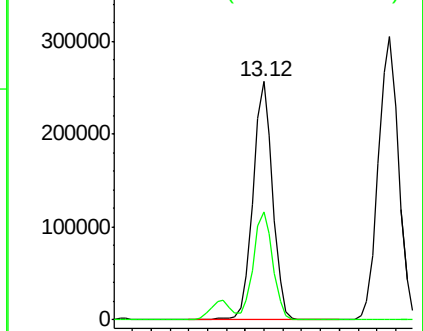
105 100

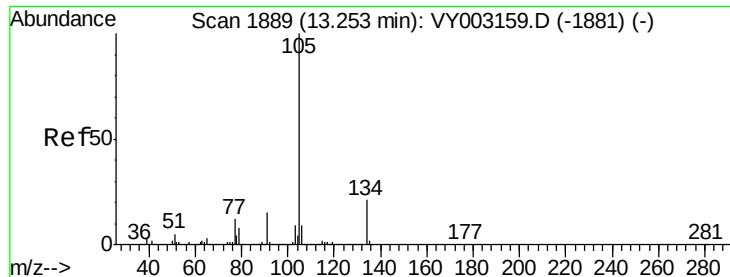
120 45.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.325 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

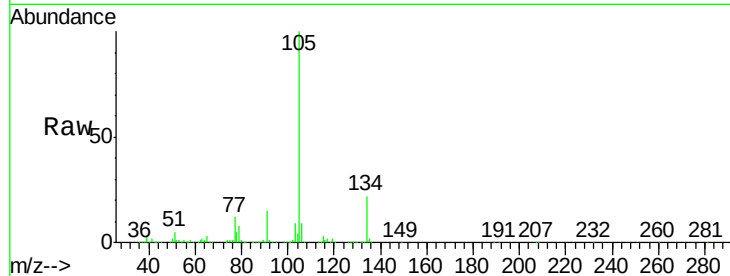
ClientSampleId :

Tot Ion:105 Resp: 453622

Ion Ratio Lower Upper

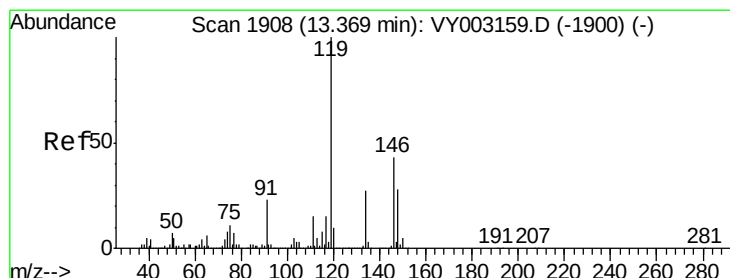
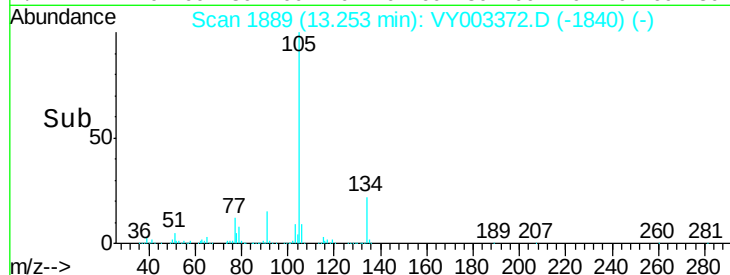
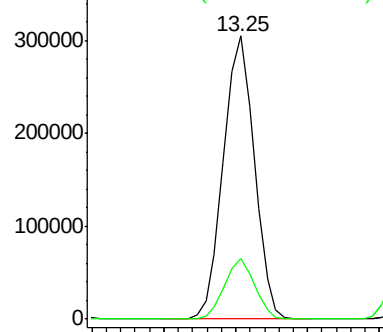
105 100

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: 21.296 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

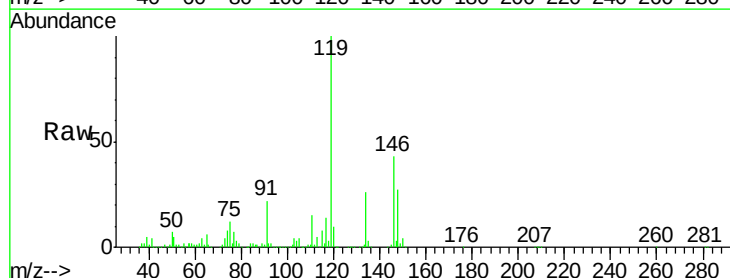
Tgt Ion:119 Resp: 422967

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

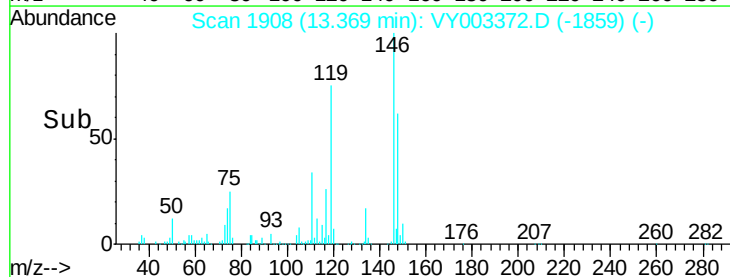
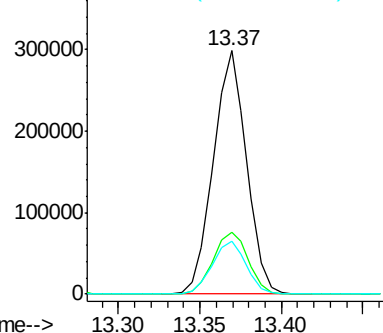
91 22.1 11.2 33.6

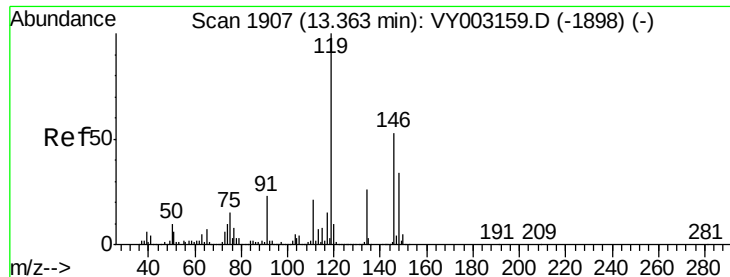


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.768 ug/l

RT: 13.36 min Scan# 1907

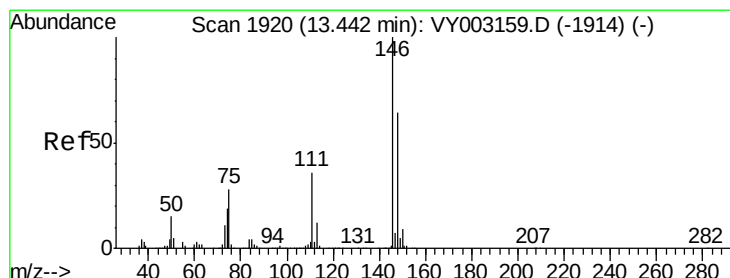
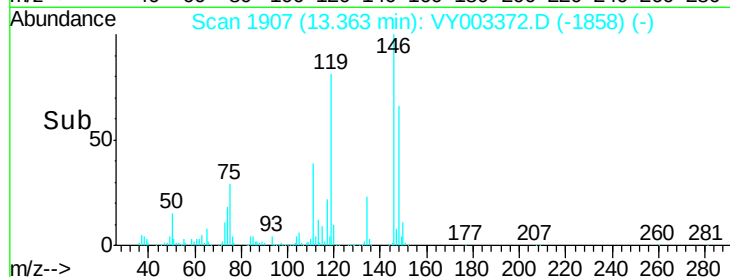
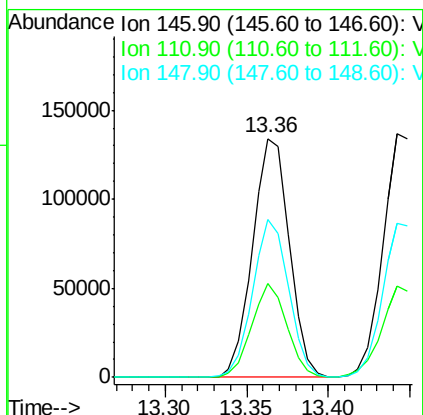
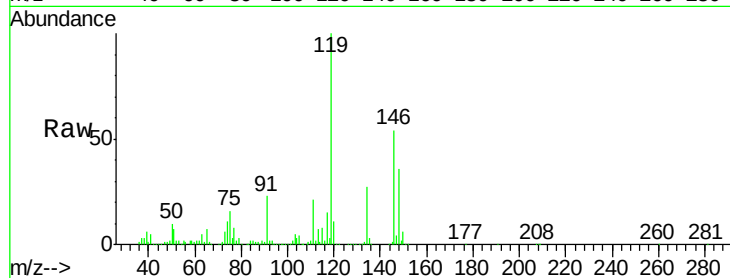
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.7	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 21.400 ug/l

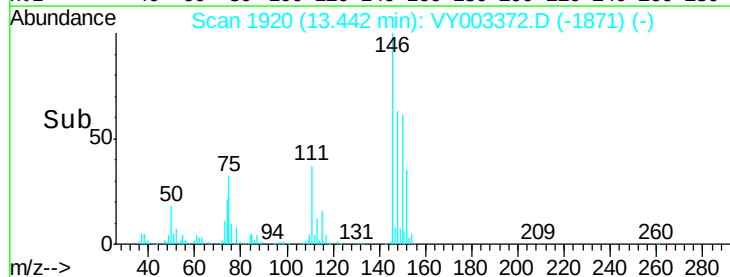
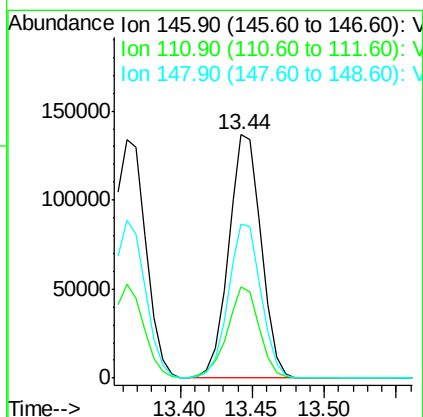
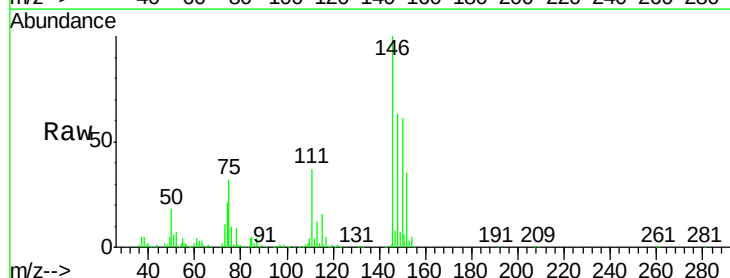
RT: 13.44 min Scan# 1920

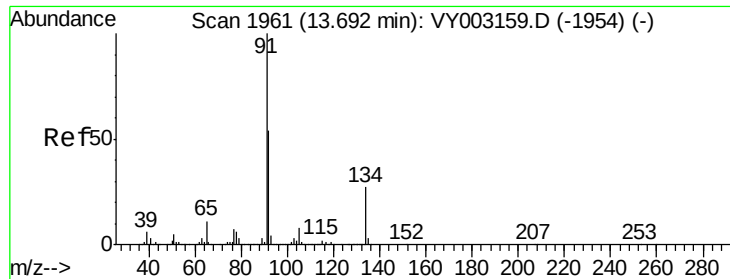
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.0
148	63.8	32.0	96.0

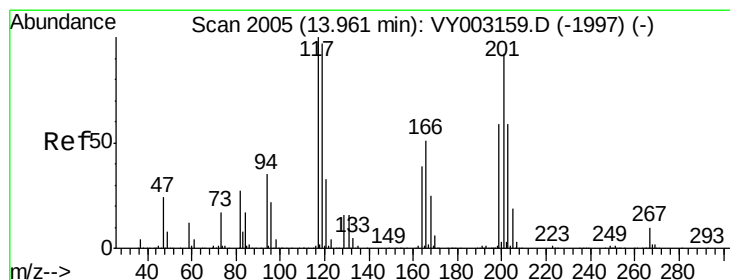
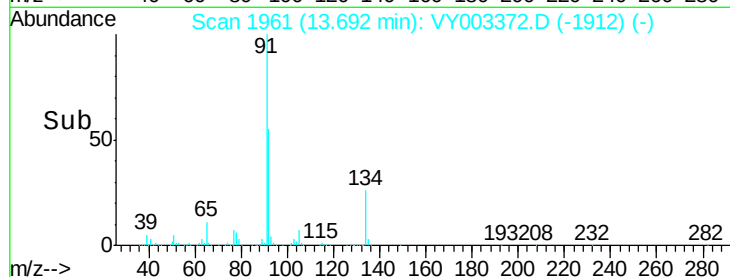
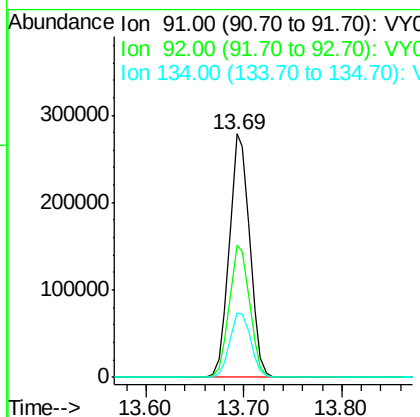
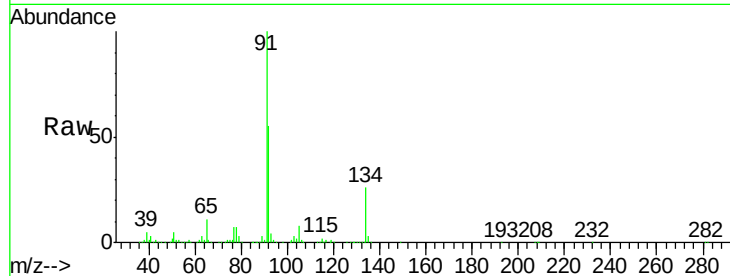




#89
n-Butylbenzene
Concen: 21.535 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

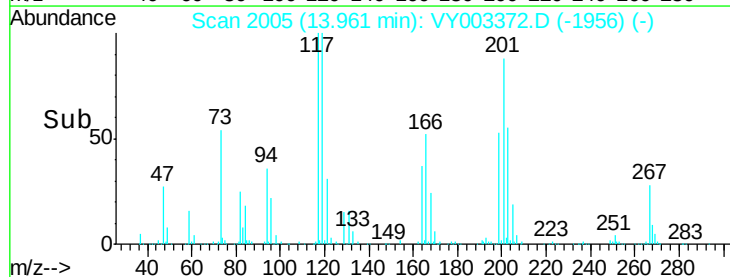
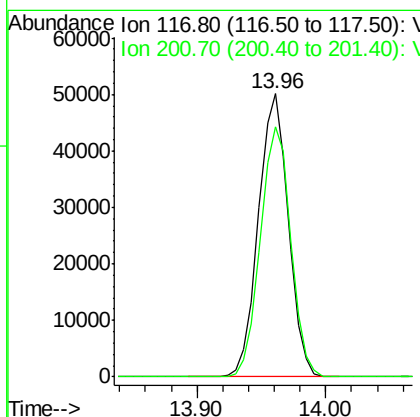
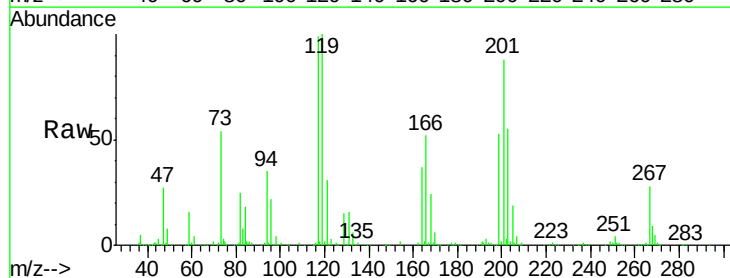
Instrument :
MSVOA_Y
ClientSampleId :

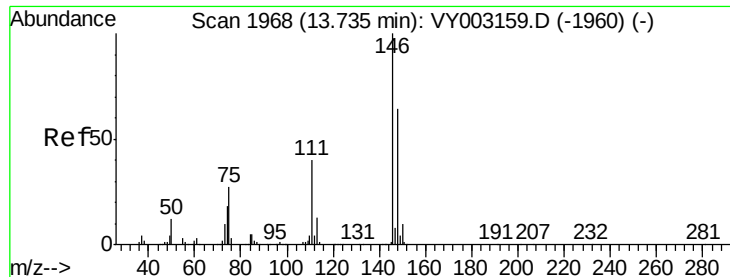
Tot Ion: 91 Resp: 402326
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 22.183 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion: 117 Resp: 80236
Ion Ratio Lower Upper
117 100
201 89.8 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 21.254 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003372.D

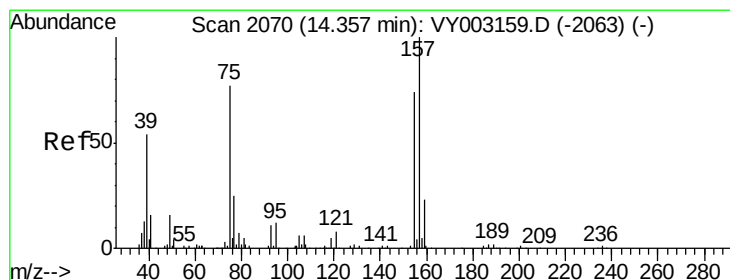
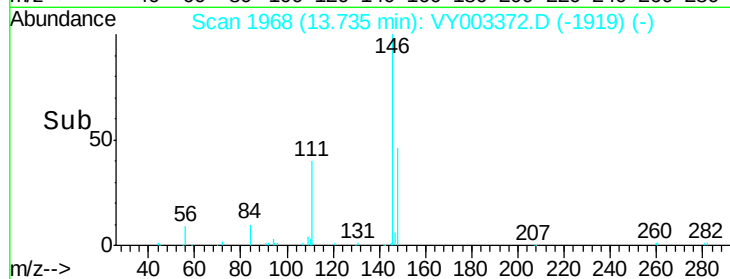
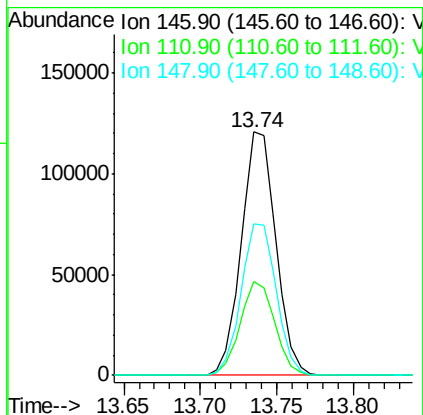
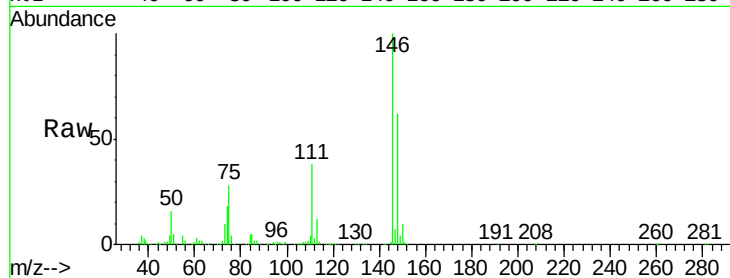
Acq: 28 Jul 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	146	Resp:	189217
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.8
148	63.3	32.4	97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.267 ug/l

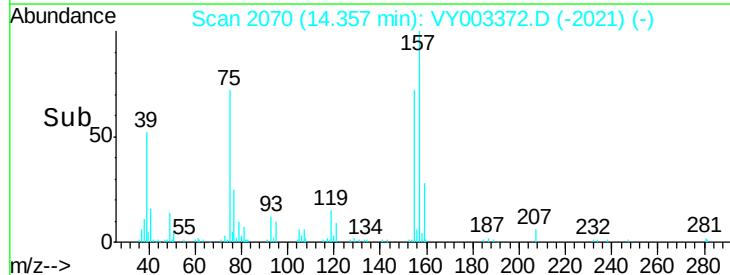
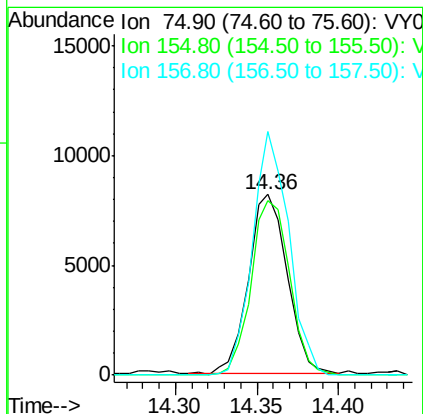
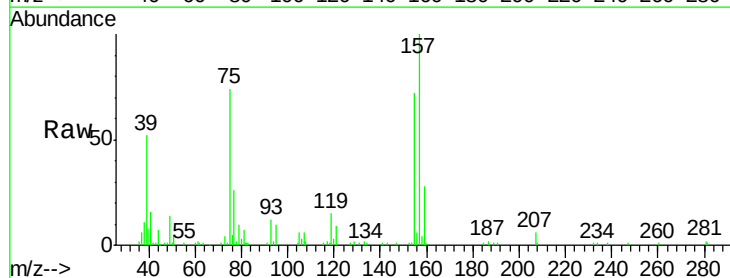
RT: 14.36 min Scan# 2070

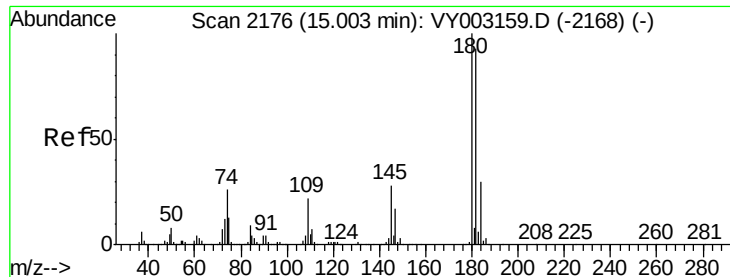
Delta R.T. 0.00 min

Lab File: VY003372.D

Acq: 28 Jul 2020 13:52

Tgt Ion:	75	Resp:	13355
Ion	Ratio	Lower	Upper
75	100		
155	97.7	48.1	144.3
157	128.2	61.9	185.6

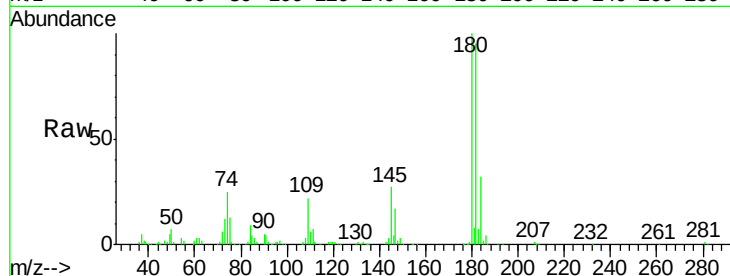




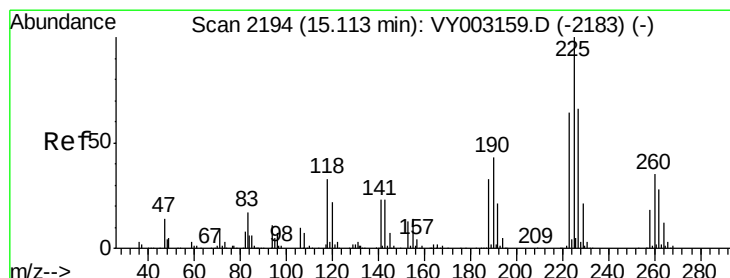
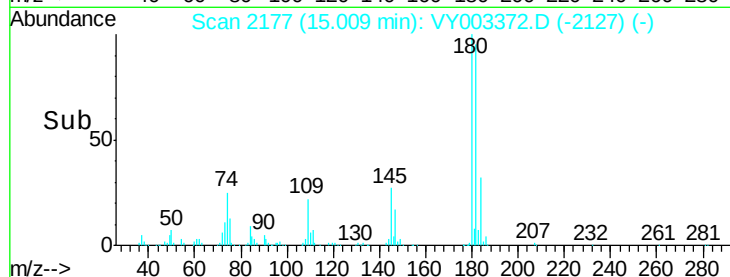
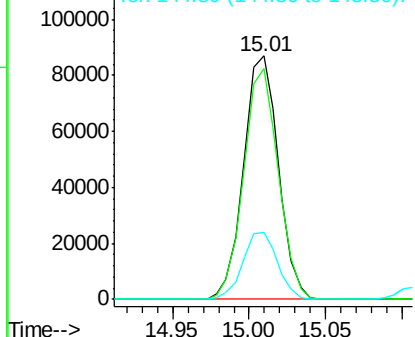
#93
 1,2,4-Trichlorobenzene
 Concen: 21.699 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	27.6	13.7	41.1

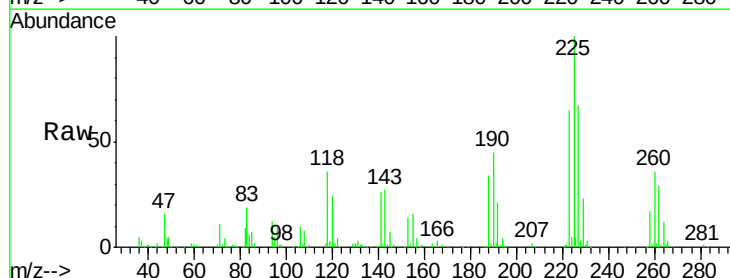


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

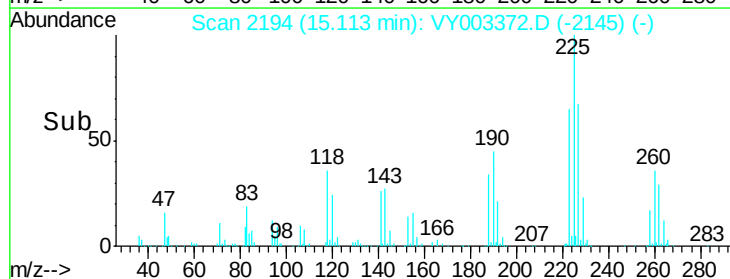
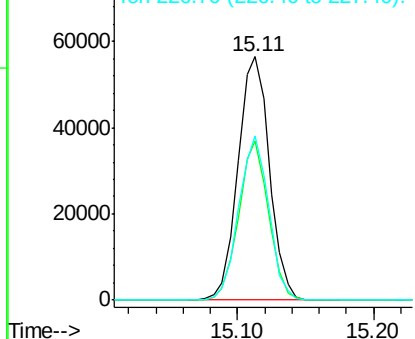


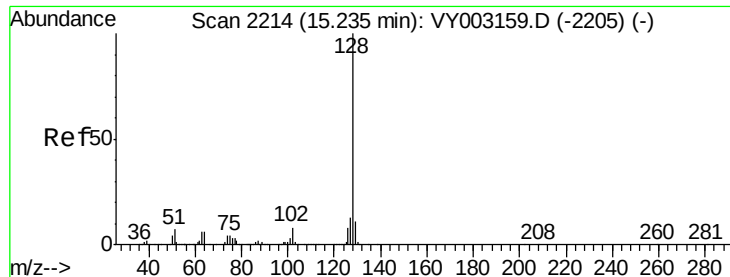
#94
 Hexachlorobutadiene
 Concen: 20.910 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003372.D
 Acq: 28 Jul 2020 13:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	94.7
227	64.3	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

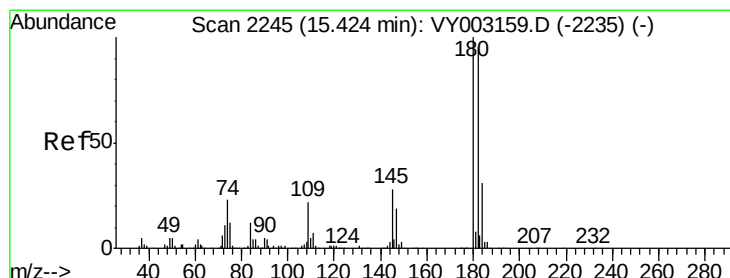
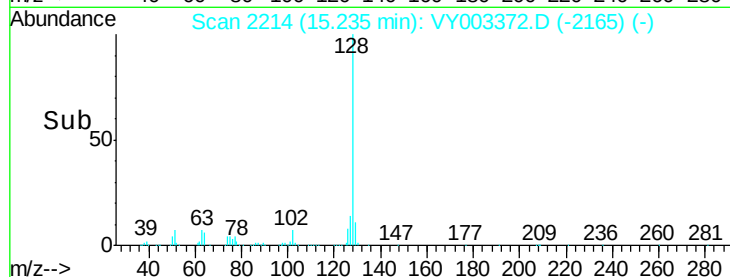
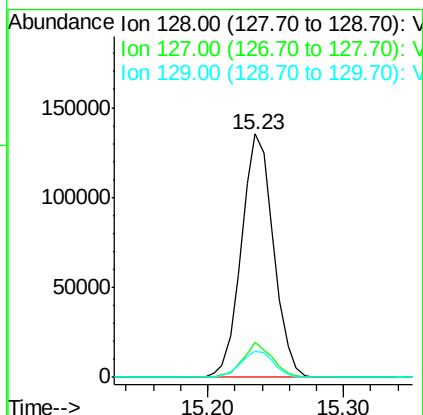
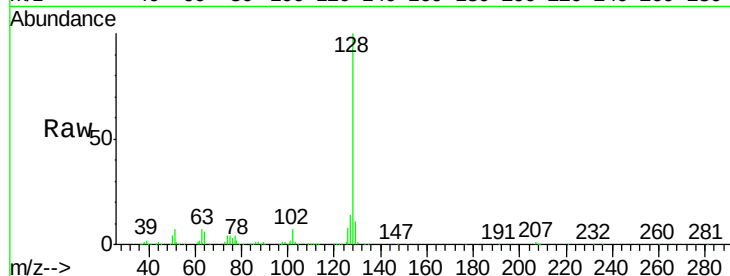




#95
Naphthalene
Concen: 21.187 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 221754
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 22.127 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003372.D
Acq: 28 Jul 2020 13:52

Tgt Ion:180 Resp: 110775
Ion Ratio Lower Upper
180 100
182 93.7 48.8 146.3
145 28.9 14.9 44.5

