

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003378.D
 Acq On : 28 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:35:16 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	7.80	168	428681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	597598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	315612	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	182081	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
35) Dibromofluoromethane	7.72	113	176038	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.18	98	640672	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.48	95	230929	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	128506	41.825	ug/l	99
3) Chloromethane	2.12	50	196069	46.006	ug/l	99
4) Vinyl Chloride	2.26	62	209940	48.012	ug/l	99
5) Bromomethane	2.65	94	164217	50.562	ug/l	100
6) Chloroethane	2.80	64	144890	50.449	ug/l	99
7) Trichlorofluoromethane	3.13	101	318808	51.053	ug/l	100
8) Diethyl Ether	3.54	74	117007	55.917	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	198055	52.514	ug/l	98
10) Methyl Iodide	4.10	142	208970	51.000	ug/l	100
11) Tert butyl alcohol	4.96	59	103764	265.215	ug/l	100
12) 1,1-Dichloroethene	3.88	96	182348	51.118	ug/l	96
13) Acrolein	3.73	56	66915	197.047	ug/l	100
14) Allyl chloride	4.49	41	313667	59.259	ug/l	96
15) Acrylonitrile	5.17	53	302077	300.523	ug/l	100
16) Acetone	3.95	43	228933	283.262	ug/l	95
17) Carbon Disulfide	4.20	76	523587	47.833	ug/l	100
18) Methyl Acetate	4.48	43	141113	62.871	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	570213	57.040	ug/l	100
20) Methylene Chloride	4.72	84	255846	64.512	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	212040	52.554	ug/l	92
22) Diisopropyl ether	6.13	45	724833	61.701	ug/l	95
23) Vinyl Acetate	6.07	43	2314010	295.534	ug/l	98
24) 1,1-Dichloroethane	6.02	63	397472	58.402	ug/l	99
25) 2-Butanone	6.99	43	388681	292.904	ug/l	99
26) 2,2-Dichloropropane	6.99	77	347339	56.670	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	251800	56.683	ug/l	98
28) Bromochloromethane	7.34	49	167756	56.932	ug/l	96
29) Tetrahydrofuran	7.35	42	262288	294.226	ug/l	96
30) Chloroform	7.51	83	404661	57.729	ug/l	99
31) Cyclohexane	7.78	56	333021	50.602	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	355426	56.323	ug/l	99
36) 1,1-Dichloropropene	7.92	75	299904	51.424	ug/l	100
37) Ethyl Acetate	7.08	43	176687	56.258	ug/l	99
38) Carbon Tetrachloride	7.90	117	321829	53.454	ug/l	97

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

39) Methylcyclohexane	9.18	83	363720	49.646	ug/l	97
40) Benzene	8.16	78	876302	54.570	ug/l	95
41) Methacrylonitrile	7.35	41	243123	128.532	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	268645	54.341	ug/l	99
43) Isopropyl Acetate	8.27	43	338035	55.605	ug/l	99
44) Trichloroethene	8.94	130	249118	50.606	ug/l	95
45) 1,2-Dichloropropane	9.22	63	234960	56.547	ug/l	97
46) Dibromomethane	9.31	93	128868	53.101	ug/l	100
47) Bromodichloromethane	9.50	83	324214	56.171	ug/l	96
48) Methyl methacrylate	9.29	41	153836	56.604	ug/l	94
49) 1,4-Dioxane	9.30	88	33820	1098.024	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	894842	283.197	ug/l	98
52) Toluene	10.24	92	548327	53.423	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	339489	56.769	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	384547	55.810	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	188998	54.958	ug/l	99
56) Ethyl methacrylate	10.51	69	261420	55.914	ug/l	98
57) 1,3-Dichloropropane	10.79	76	324711	55.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	620598	260.270	ug/l	98
59) 2-Hexanone	10.83	43	617466	279.933	ug/l	98
60) Dibromochloromethane	10.99	129	237806	54.980	ug/l	97
61) 1,2-Dibromoethane	11.09	107	177547	52.310	ug/l	100
64) Tetrachloroethene	10.72	164	256794	48.194	ug/l	97
65) Chlorobenzene	11.52	112	620845	53.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	247790	55.417	ug/l	99
67) Ethyl Benzene	11.59	91	1111015	54.050	ug/l	100
68) m/p-Xylenes	11.70	106	833796	106.907	ug/l	98
69) o-Xylene	12.03	106	398189	54.649	ug/l	98
70) Styrene	12.04	104	692681	55.573	ug/l	99
71) Bromoform	12.20	173	159146	54.229	ug/l	100
73) Isopropylbenzene	12.33	105	1098657	54.624	ug/l	100
74) N-amyl acetate	12.14	43	317177	56.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	219071	56.396	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	291669	104.402	ug/l #	100
77) Bromobenzene	12.61	156	276887	54.007	ug/l	99
78) n-propylbenzene	12.67	91	1303993	55.002	ug/l	100
79) 2-Chlorotoluene	12.75	91	726858	54.950	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	918075	54.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80177	55.854	ug/l	96
82) 4-Chlorotoluene	12.85	91	755074	54.690	ug/l	99
83) tert-Butylbenzene	13.08	119	820360	55.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	927198	54.973	ug/l	98
85) sec-Butylbenzene	13.25	105	1124871	55.331	ug/l	100
86) p-Isopropyltoluene	13.37	119	1037073	54.634	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	528746	54.538	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	522337	54.418	ug/l	99
89) n-Butylbenzene	13.70	91	987043	55.282	ug/l	99
90) Hexachloroethane	13.96	117	203131	58.762	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	469479	55.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32532	51.657	ug/l	97

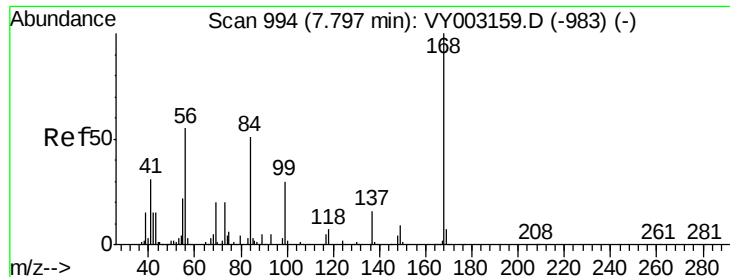
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	325500	53.777	ug/l	100
94) Hexachlorobutadiene	15.11	225	215763	52.024	ug/l	99
95) Naphthalene	15.23	128	541789	54.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	259785	54.296	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

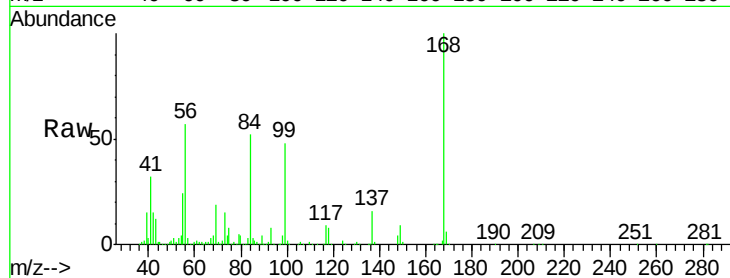
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 428681

Ion Ratio Lower Upper

168 100

99 47.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003378.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003378.D (-945) (-)

7.80

200000

150000

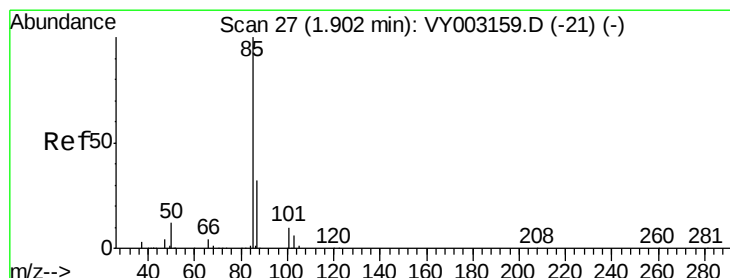
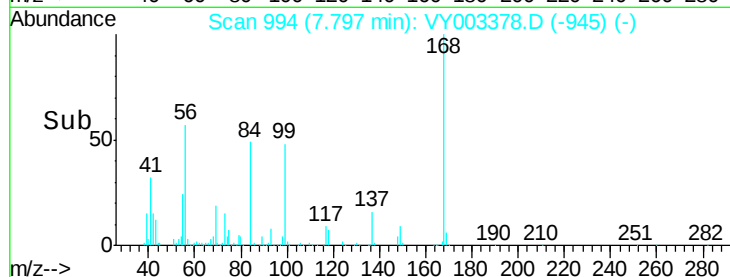
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.825 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003378.D

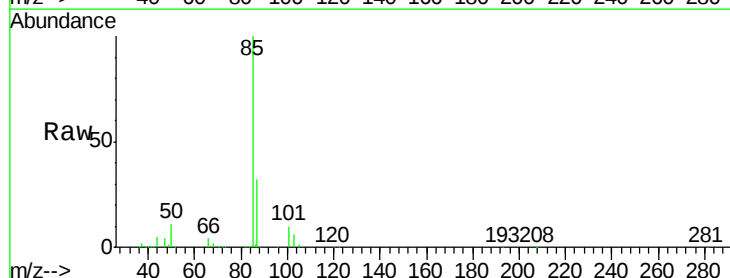
Acq: 28 Jul 2020 16:38

Tgt Ion: 85 Resp: 128506

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003378.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003378.D (-1) (-)

1.91

80000

60000

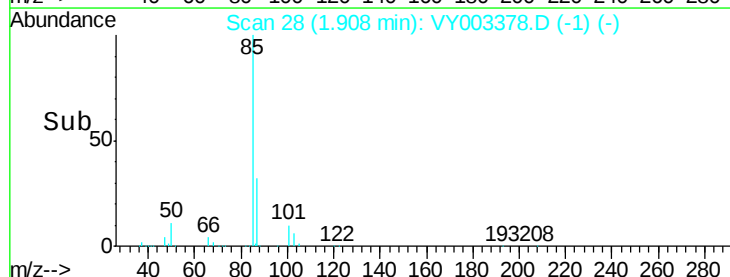
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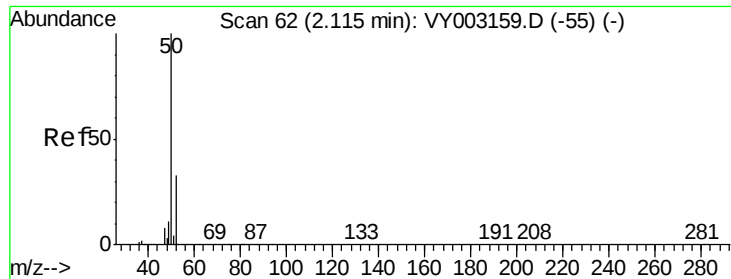
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.006 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

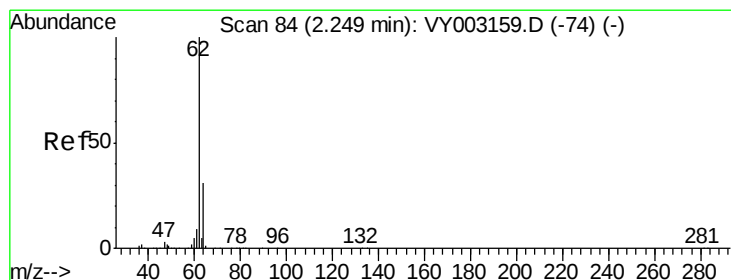
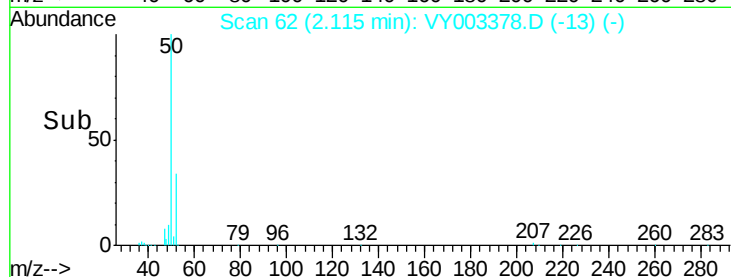
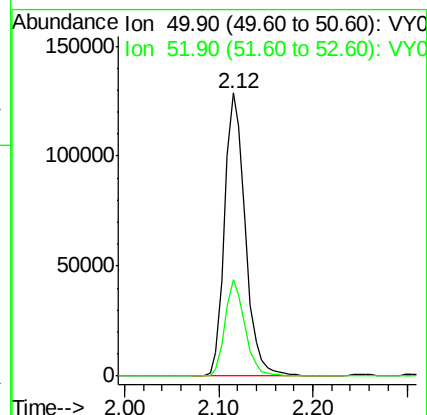
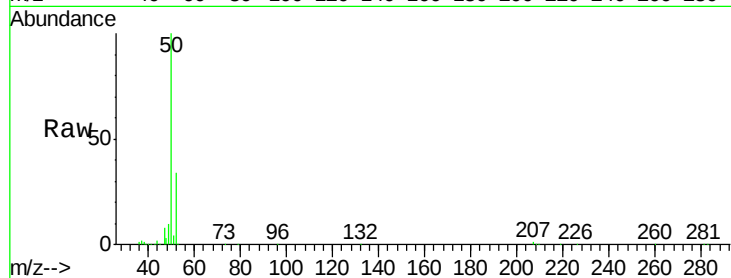
ClientSampled :

Tot Ion: 50 Resp: 196069

Ion Ratio Lower Upper

50 100

52 33.9 26.6 39.8



#4

Vinyl Chloride

Concen: 48.012 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003378.D

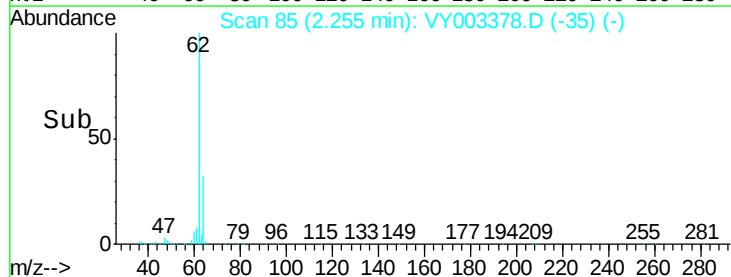
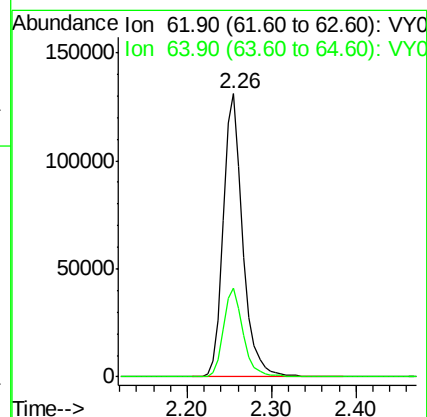
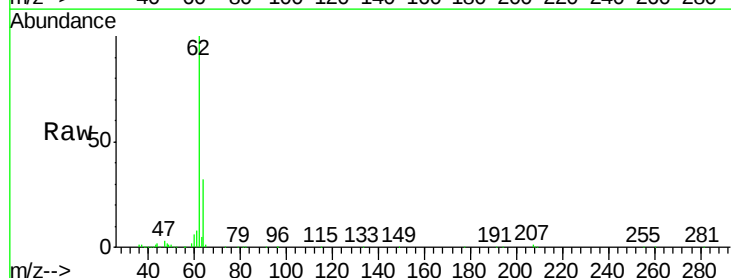
Acq: 28 Jul 2020 16:38

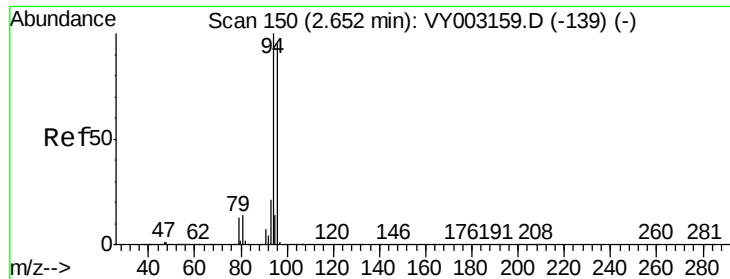
Tgt Ion: 62 Resp: 209940

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 50.562 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

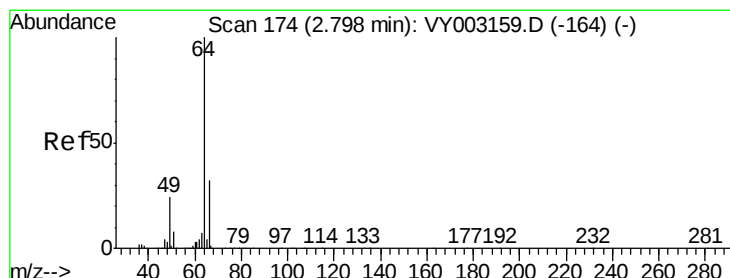
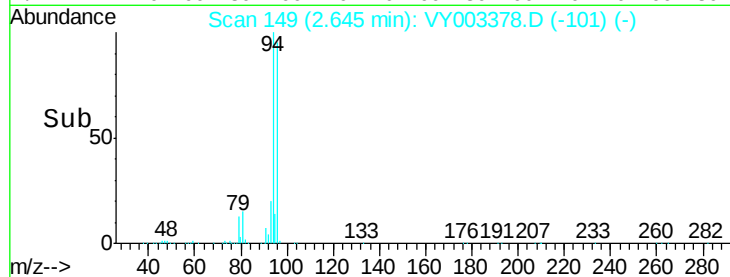
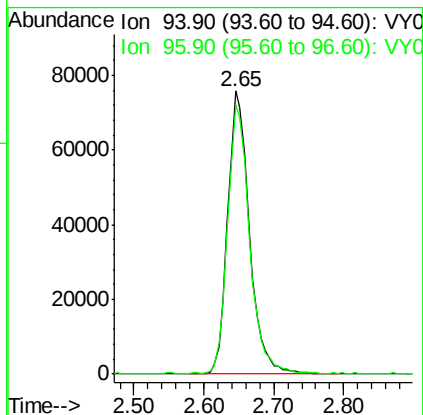
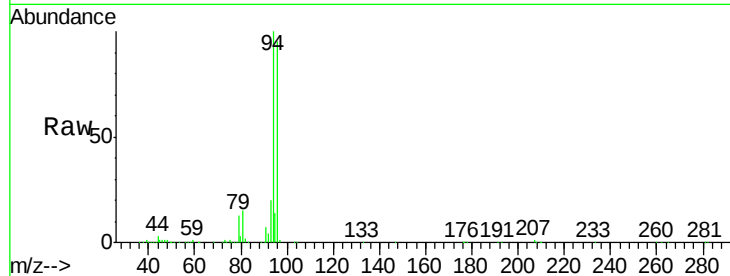
ClientSampleId :

Tot Ion: 94 Resp: 164217

Ion Ratio Lower Upper

94 100

96 95.3 76.0 114.0



#6

Chloroethane

Concen: 50.449 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003378.D

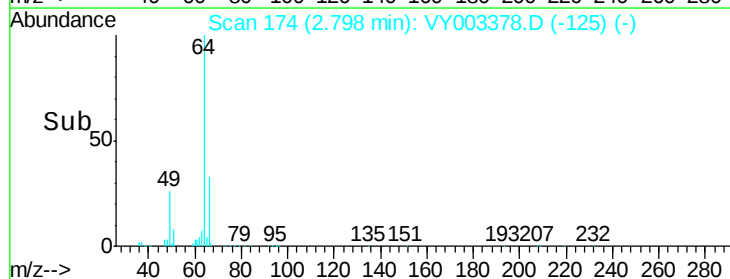
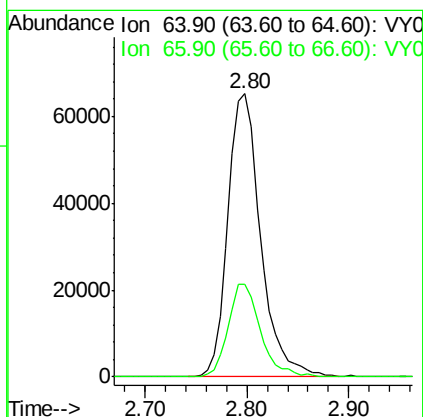
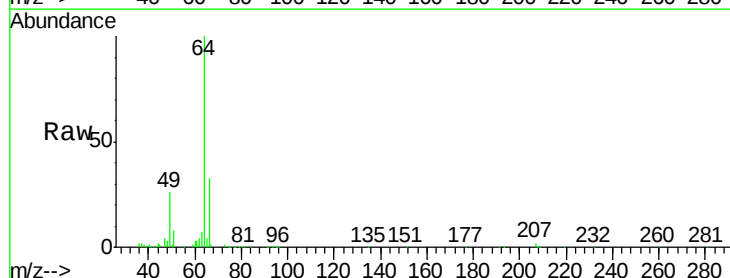
Acq: 28 Jul 2020 16:38

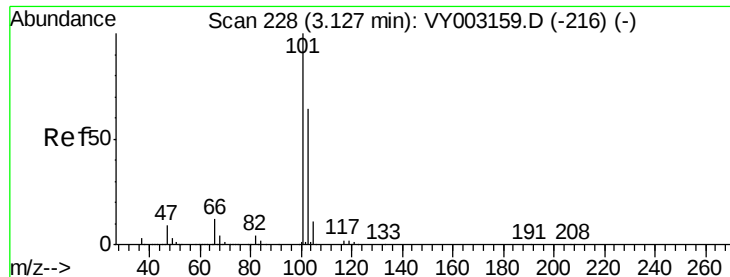
Tgt Ion: 64 Resp: 144890

Ion Ratio Lower Upper

64 100

66 32.9 26.0 39.0



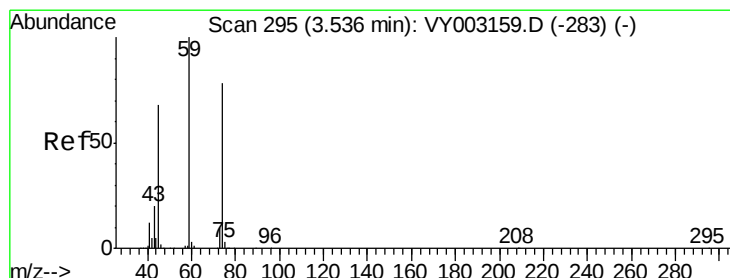
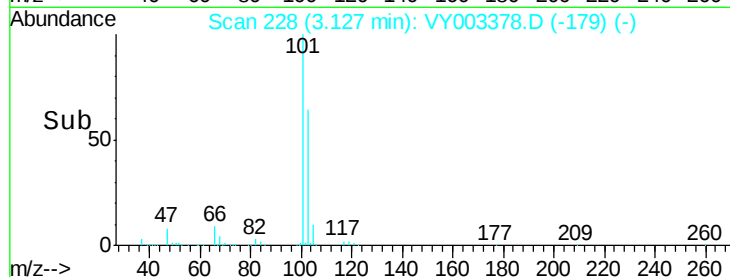
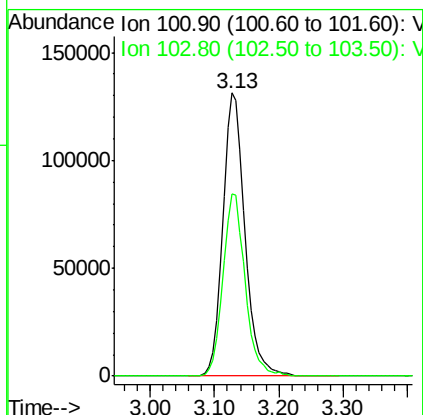
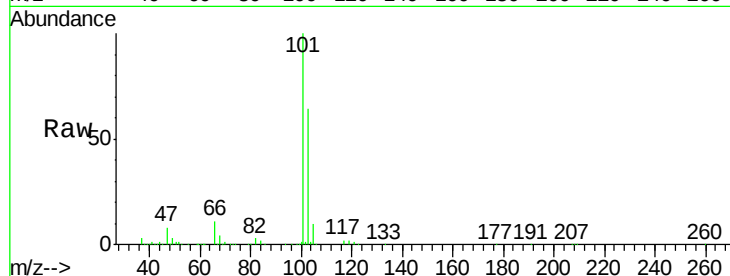


#7

Trichlorofluoromethane
Concen: 51.053 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

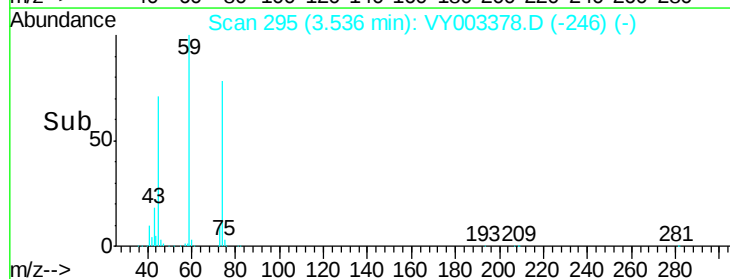
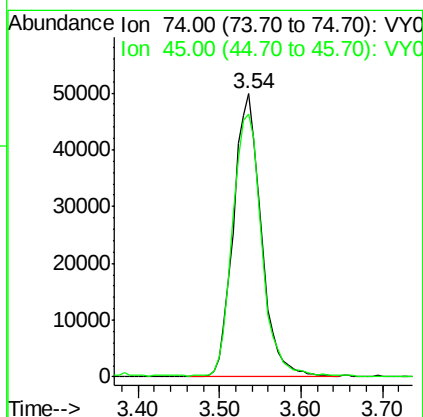
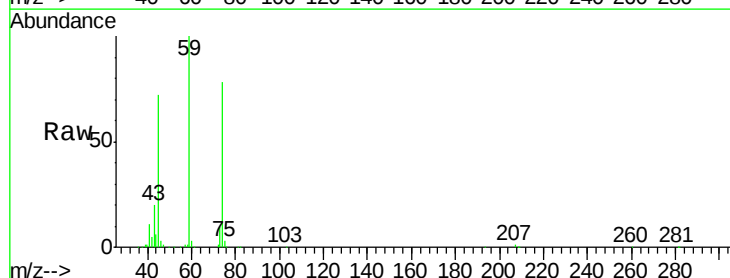
Tot Ion:101 Resp: 318808
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9

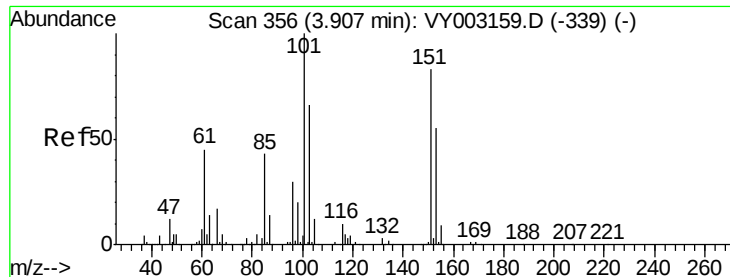


#8

Diethyl Ether
Concen: 55.917 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 74 Resp: 117007
Ion Ratio Lower Upper
74 100
45 97.1 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.514 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampled :

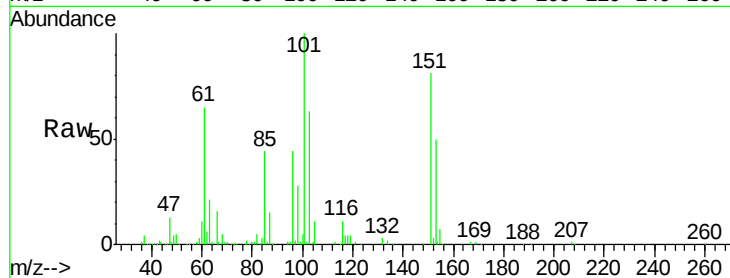
Tot Ion:101 Resp: 198055

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

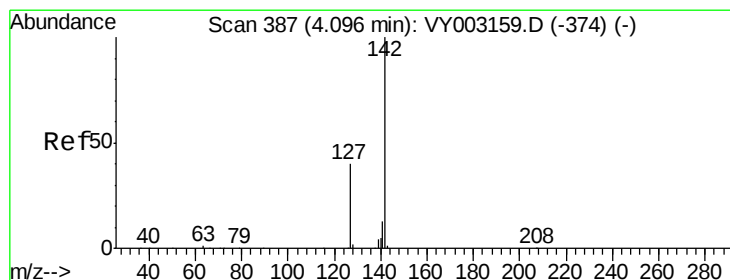
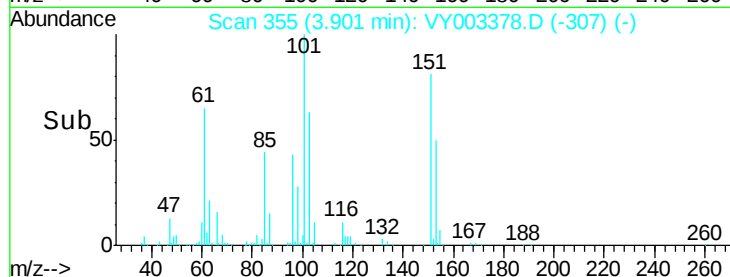
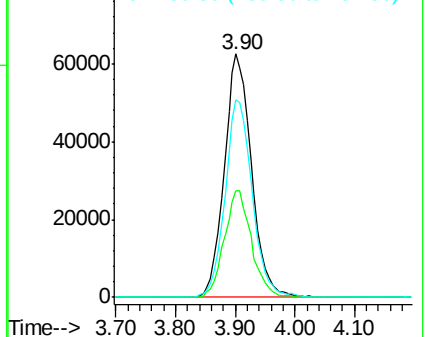
151 81.1 67.0 100.6



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: 51.000 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

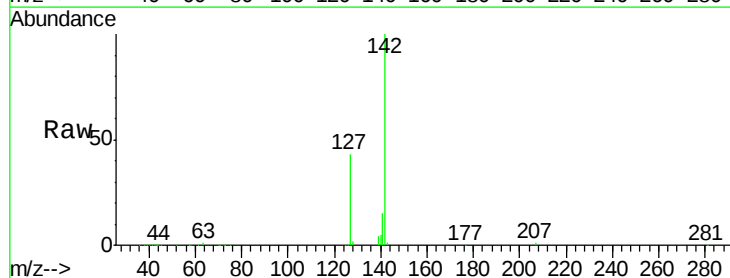
Tgt Ion:142 Resp: 208970

Ion Ratio Lower Upper

142 100

127 42.2 33.5 50.3

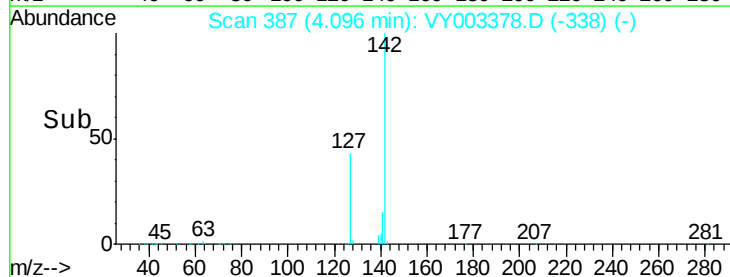
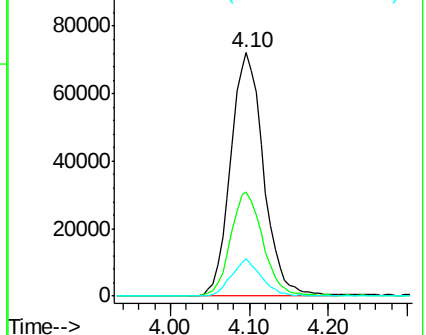
141 14.1 11.2 16.8

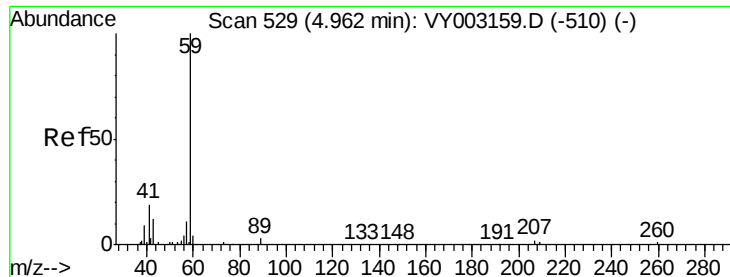


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



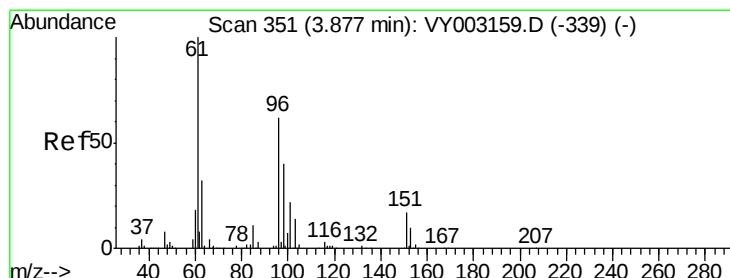
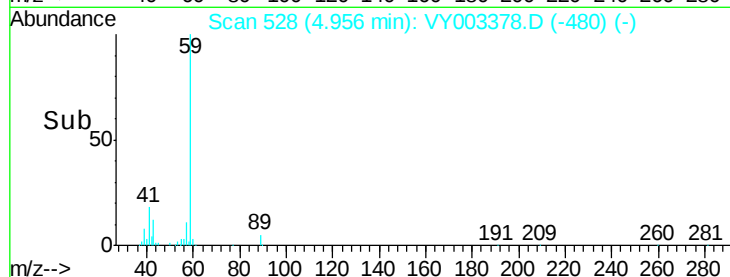
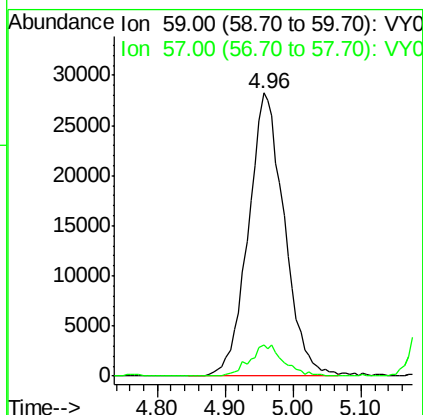
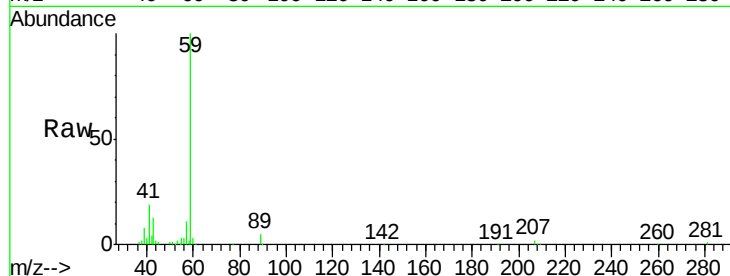


#11

Tert butyl alcohol
Concen: 265.215 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

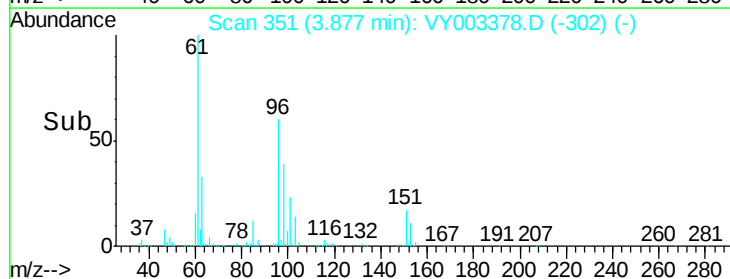
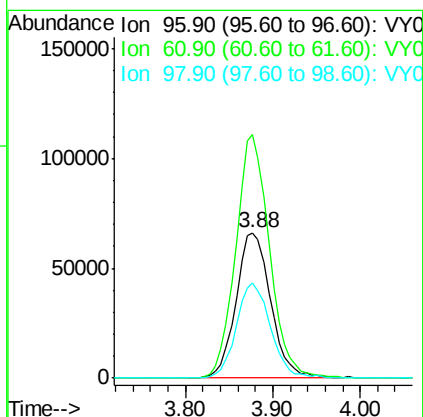
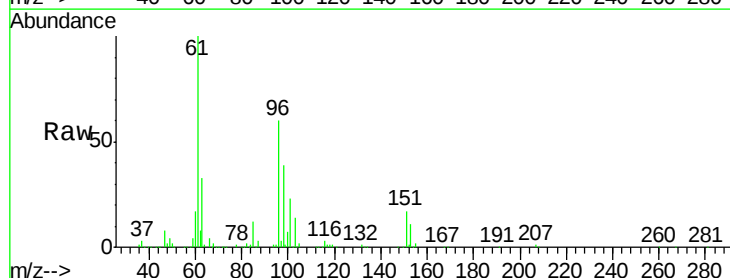
Tot Ion: 59 Resp: 103764
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

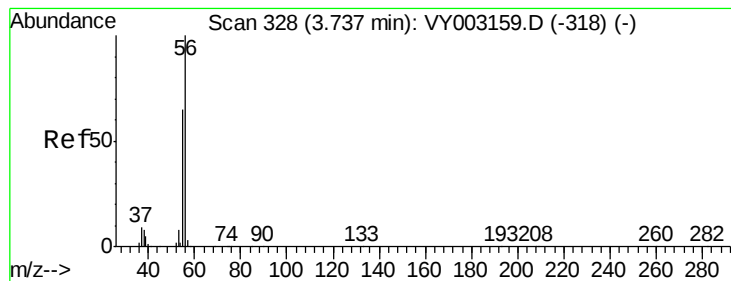


#12

1,1-Dichloroethene
Concen: 51.118 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 96 Resp: 182348
Ion Ratio Lower Upper
96 100
61 167.2 128.6 193.0
98 65.0 51.6 77.4





#13

Acrolein

Concen: 197.047 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

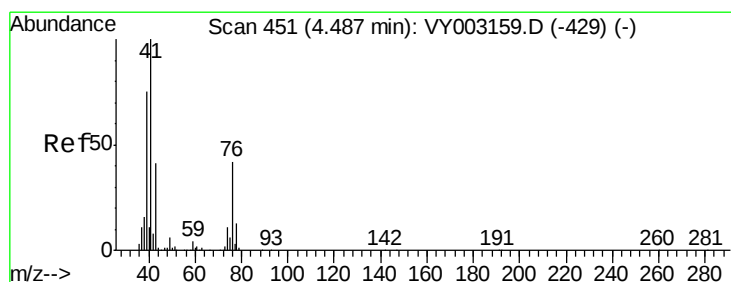
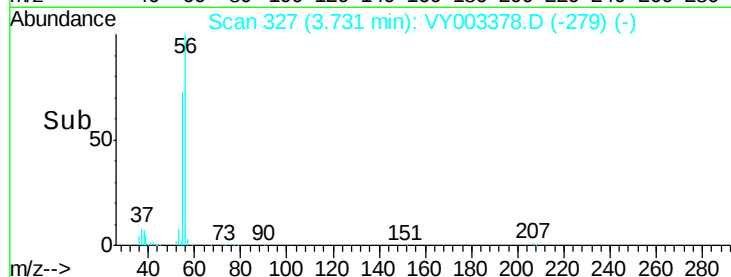
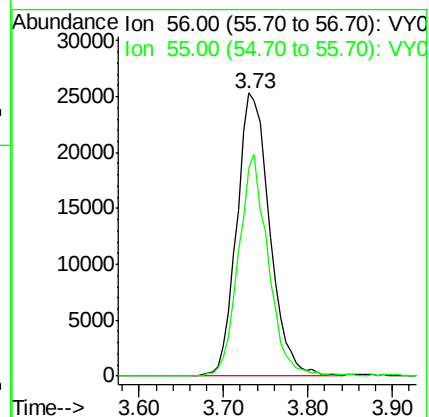
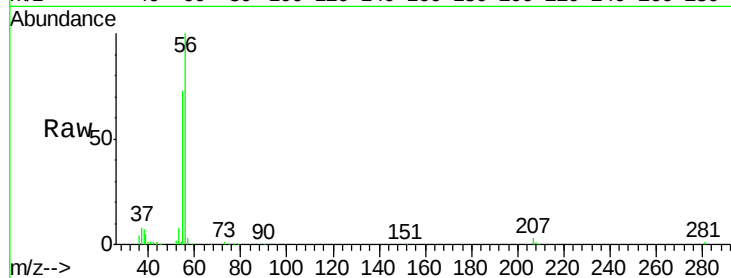
Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 66915

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.0	84.0



#14

Allyl chloride

Concen: 59.259 ug/l

RT: 4.49 min Scan# 451

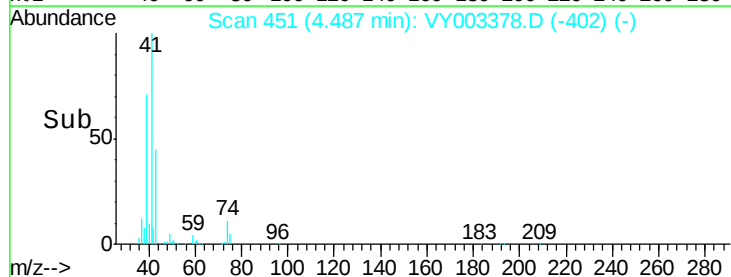
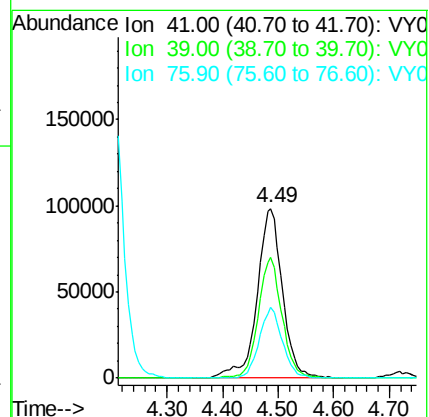
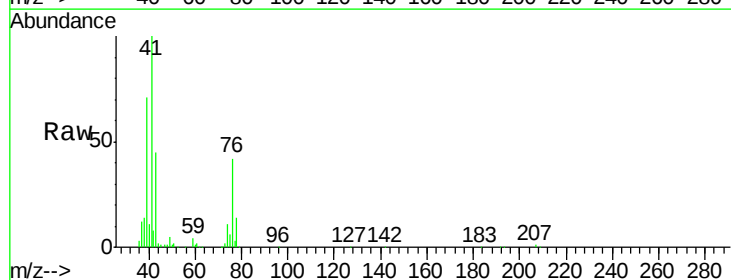
Delta R.T. -0.00 min

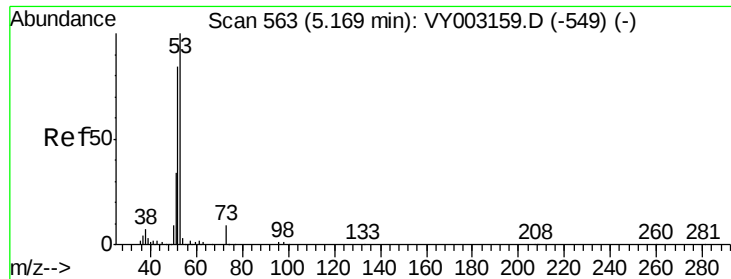
Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion: 41 Resp: 313667

Ion	Ratio	Lower	Upper
41	100		
39	66.8	56.6	85.0
76	38.1	31.6	47.4

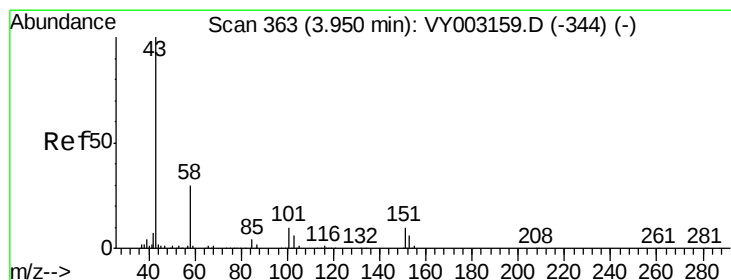
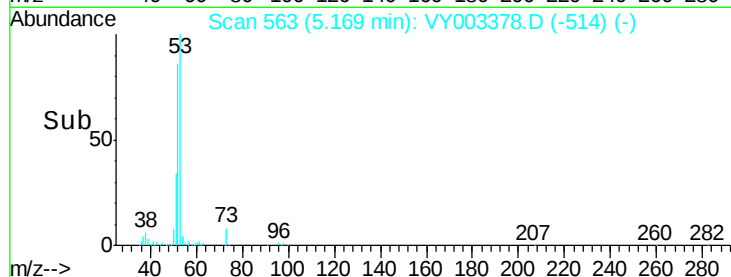
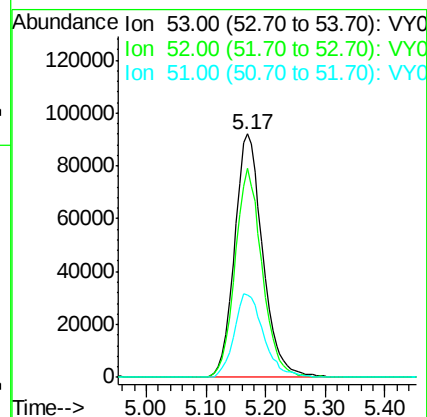
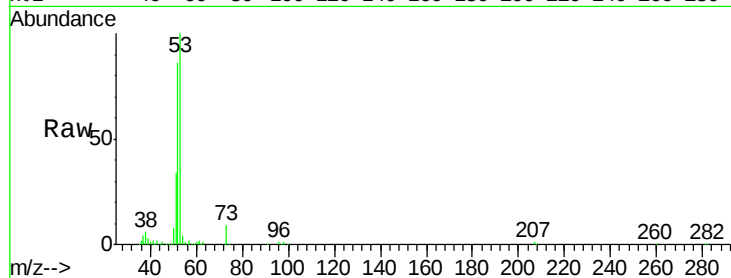




#15
 Acrylonitrile
 Concen: 300.523 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

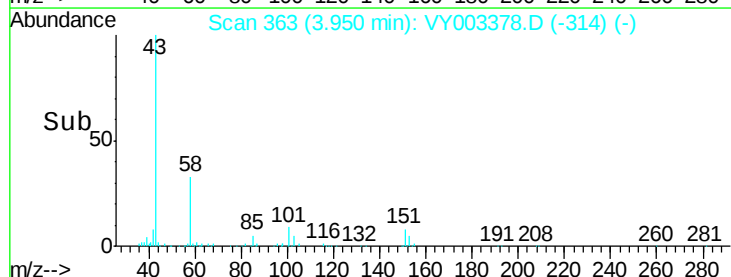
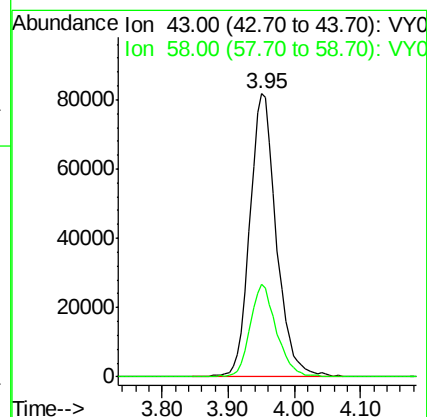
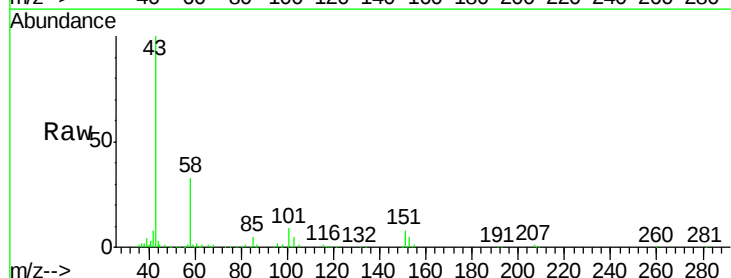
Instrument :
 MSVOA_Y
 ClientSampleId :

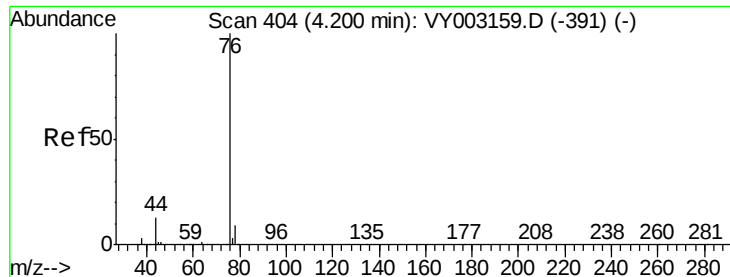
Tot Ion	53	Resp	302077
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.2	29.0	43.4



#16
 Acetone
 Concen: 283.262 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	43	Resp	228933
Ion	Ratio	Lower	Upper
43	100		
58	32.5	23.8	35.6





#17

Carbon Disulfide

Concen: 47.833 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

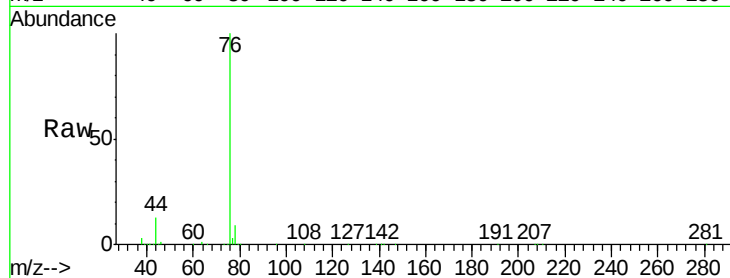
ClientSampleId :

Tot Ion: 76 Resp: 523587

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

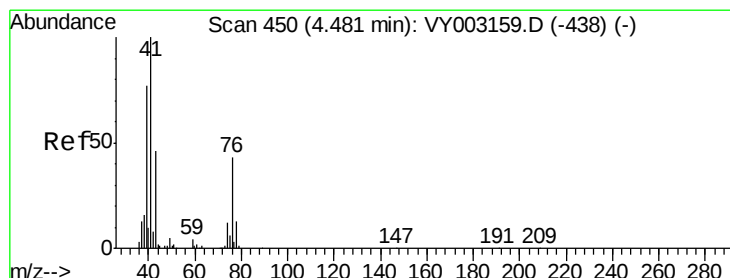
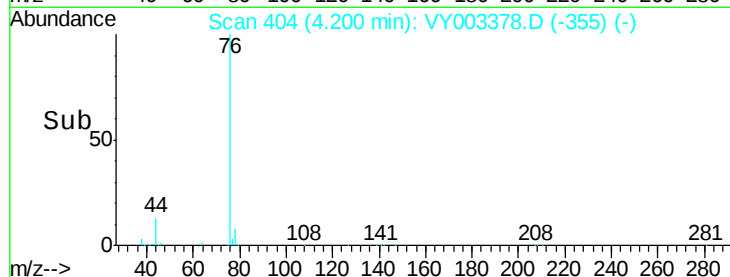
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 62.871 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003378.D

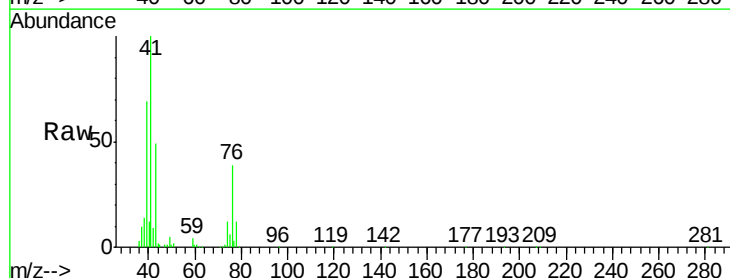
Acq: 28 Jul 2020 16:38

Tgt Ion: 43 Resp: 141113

Ion Ratio Lower Upper

43 100

74 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

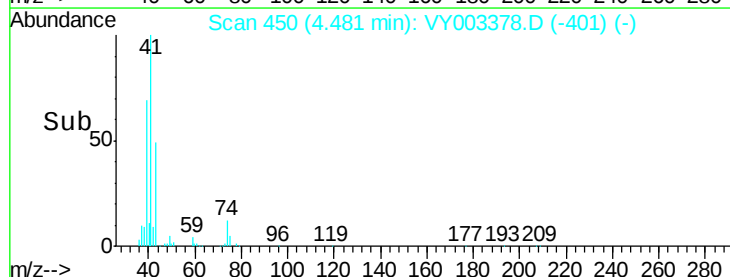
30000

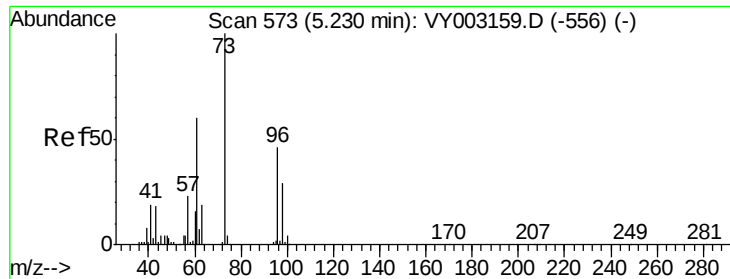
20000

10000

0

Time-->

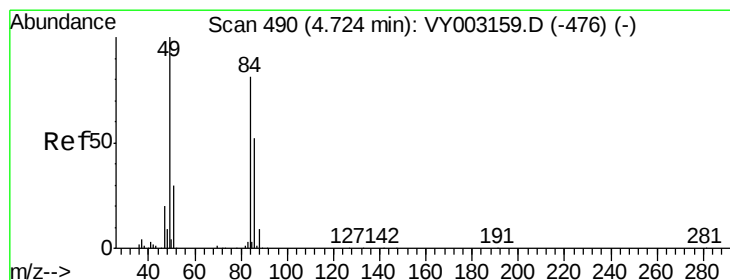
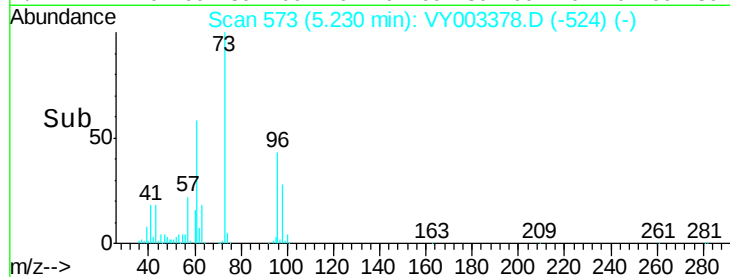
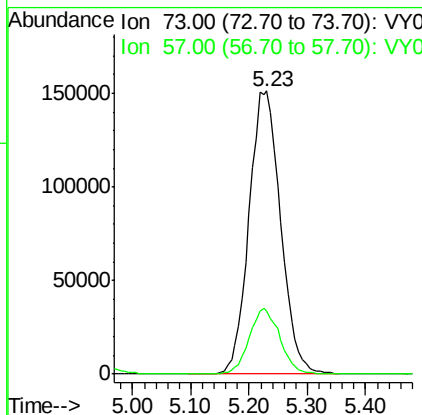
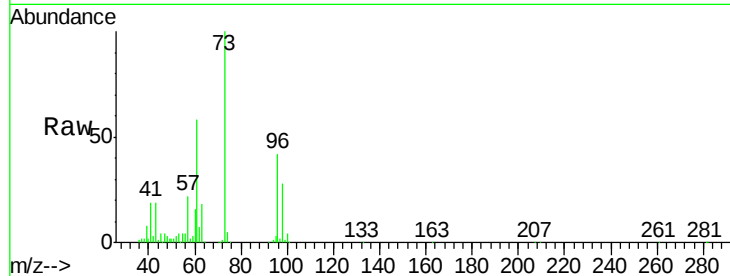




#19
Methvl tert-butvl Ether
Concen: 57.040 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

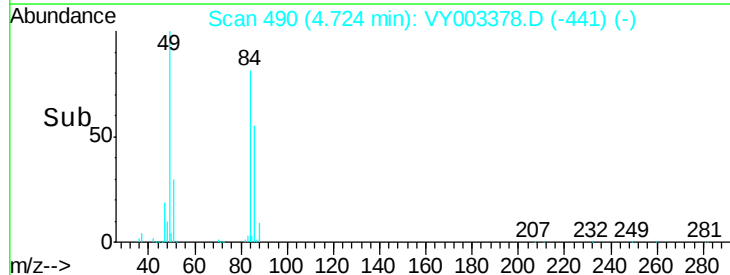
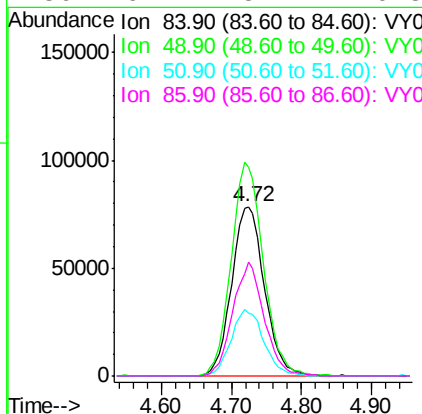
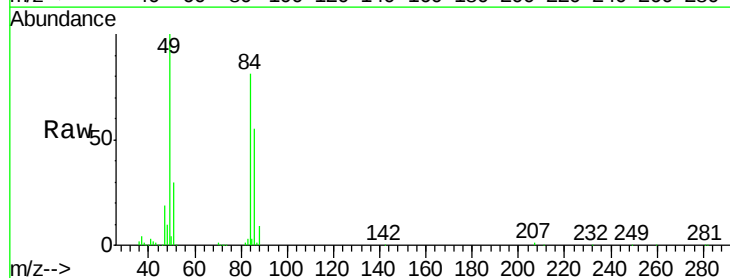
Instrument :
MSVOA_Y
ClientSampleId :

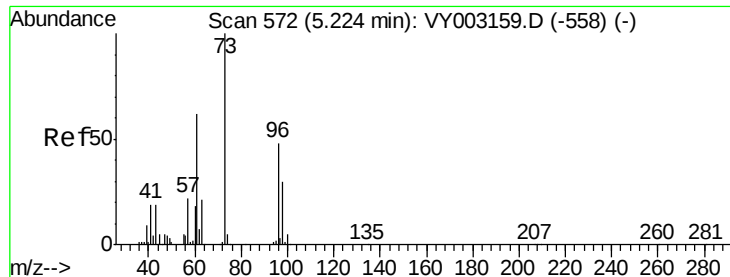
Tot Ion: 73 Resp: 570213
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 64.512 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 84 Resp: 255846
Ion Ratio Lower Upper
84 100
49 123.3 98.2 147.4
51 37.4 29.8 44.6
86 67.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.554 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

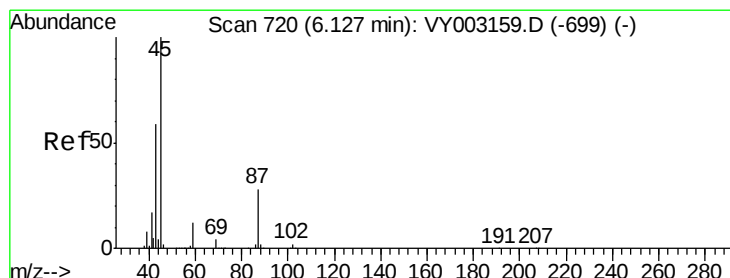
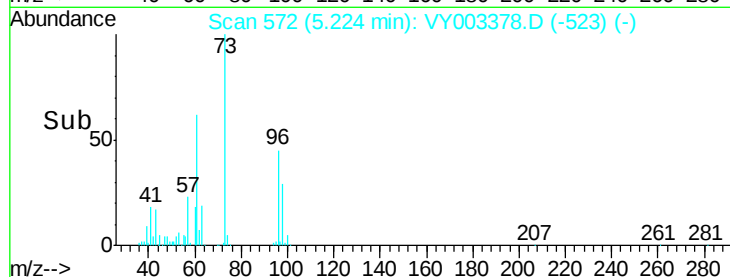
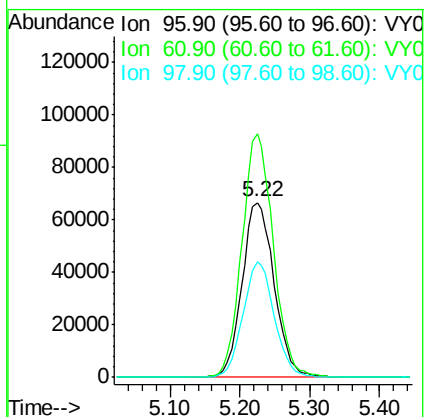
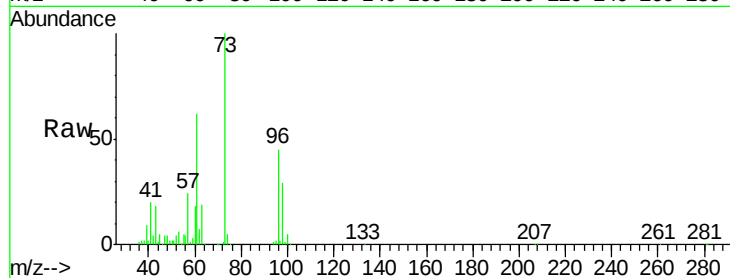
Tot Ion: 96 Resp: 212040

Ion Ratio Lower Upper

96 100

61 139.3 102.5 153.7

98 66.0 49.8 74.8



#22

Diisopropyl ether

Concen: 61.701 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion: 45 Resp: 724833

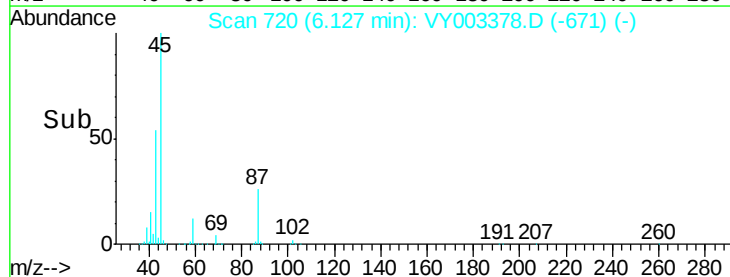
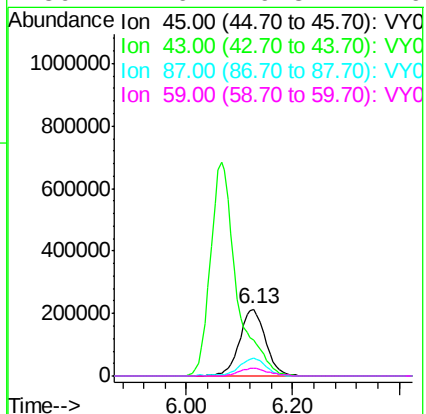
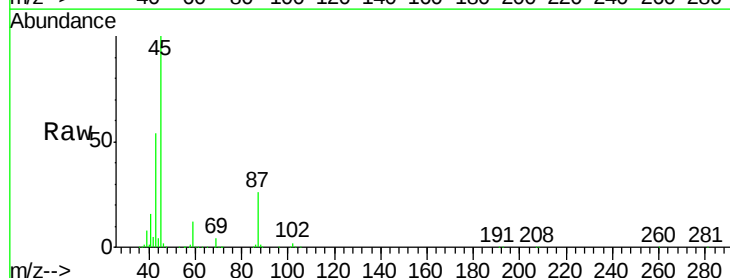
Ion Ratio Lower Upper

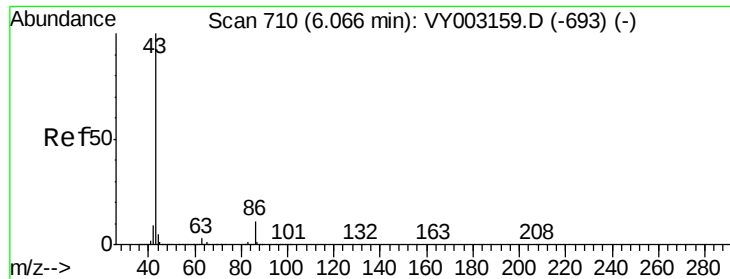
45 100

43 53.7 47.0 70.4

87 26.2 22.6 33.8

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 295.534 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

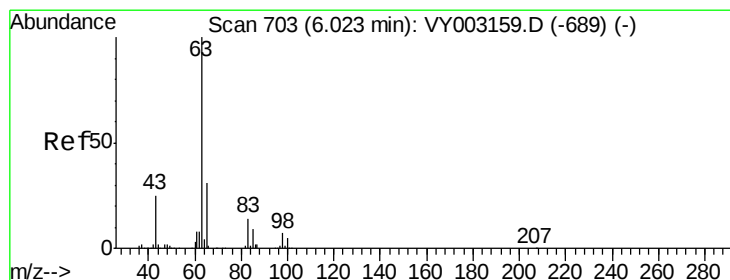
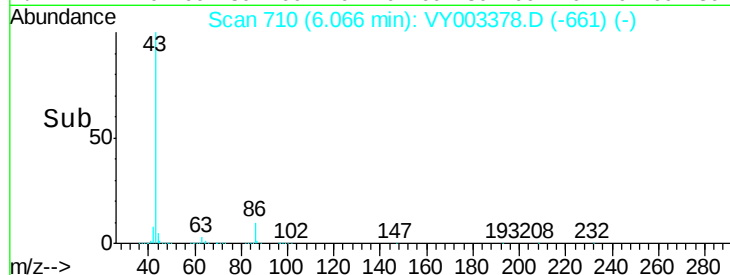
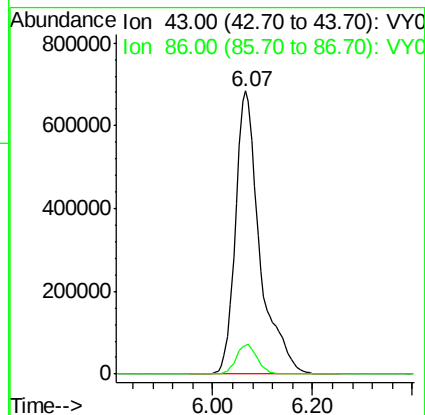
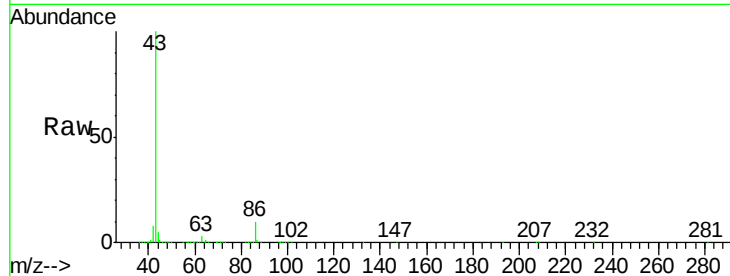
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 2314010

Ion Ratio Lower Upper

43 100

86 10.3 8.8 13.2



#24

1,1-Dichloroethane

Concen: 58.402 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

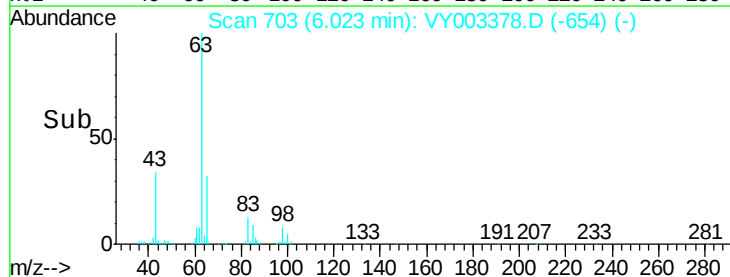
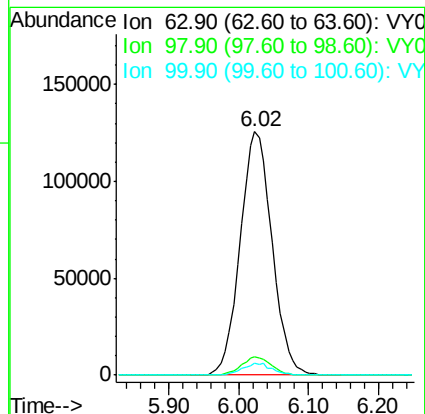
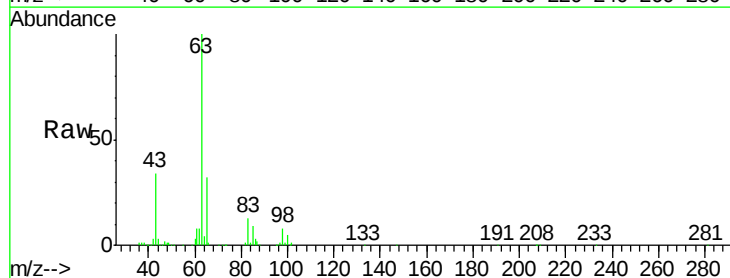
Tgt Ion: 63 Resp: 397472

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 292.904 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

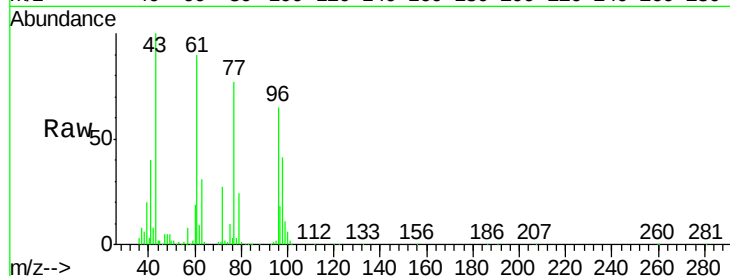
ClientSampleId :

Tot Ion: 43 Resp: 388681

Ion Ratio Lower Upper

43 100

72 26.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

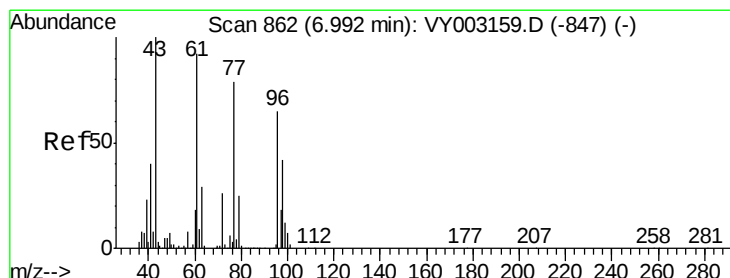
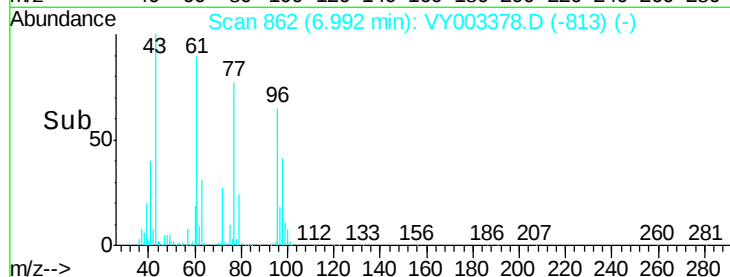
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 56.670 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003378.D

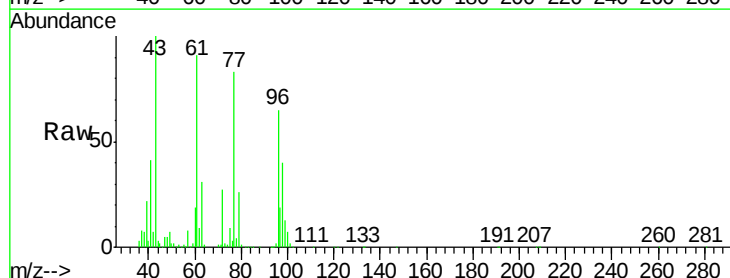
Acq: 28 Jul 2020 16:38

Tgt Ion: 77 Resp: 347339

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

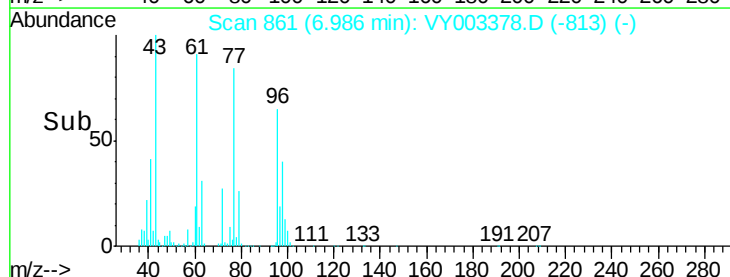
100000

50000

0

6.90 7.00 7.10

Time-->



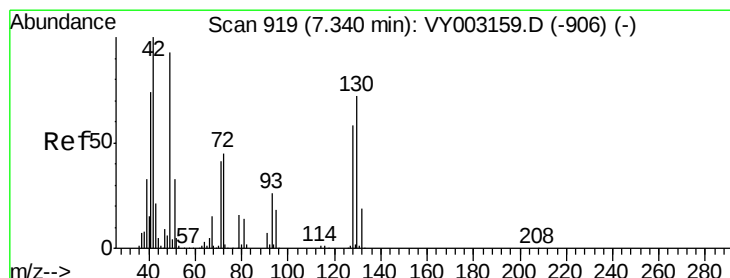
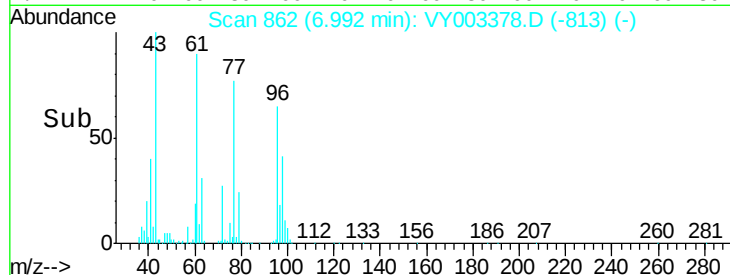
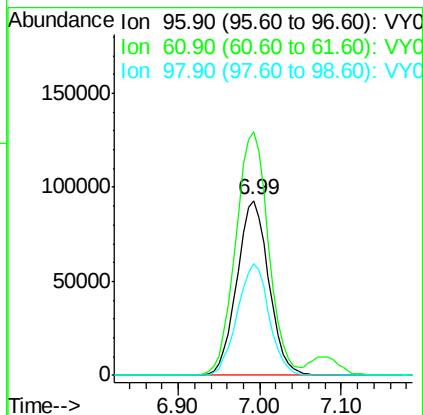
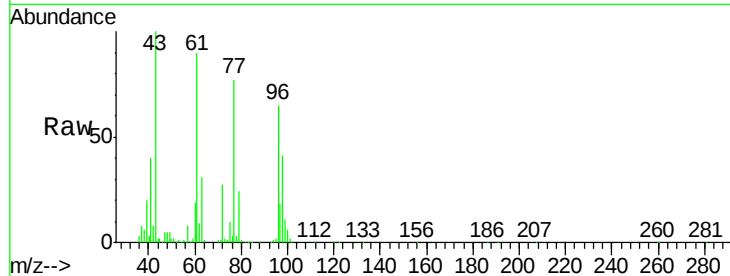


#27

cis-1,2-Dichloroethene
Concen: 56.683 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

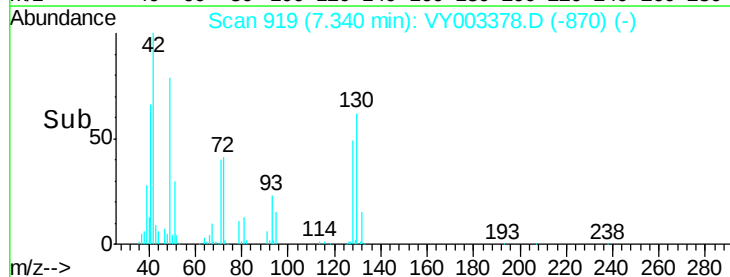
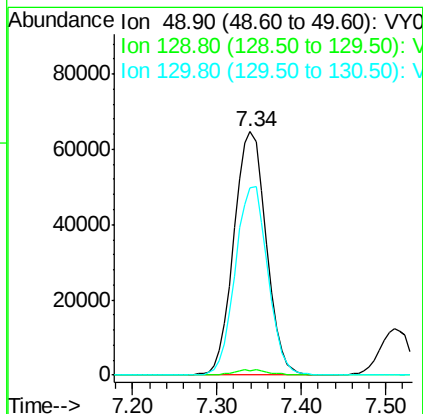
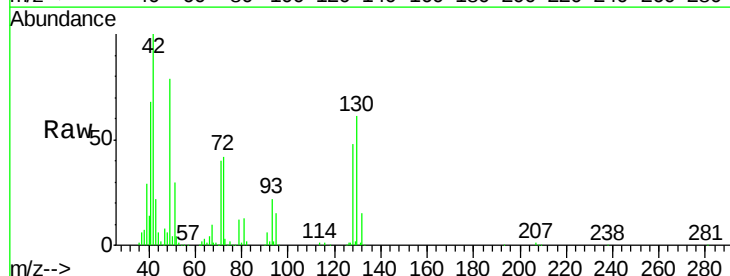
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	281.2
98	63.8	0.0	129.8

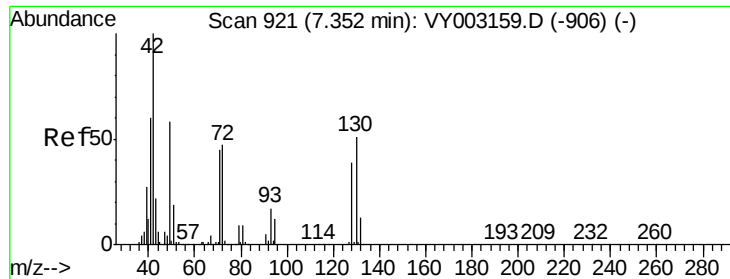


#28

Bromochloromethane
Concen: 56.932 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	77.8	64.9	97.3





#29

Tetrahydrofuran

Concen: 294.226 ug/l

RT: 7.35 min Scan# 921

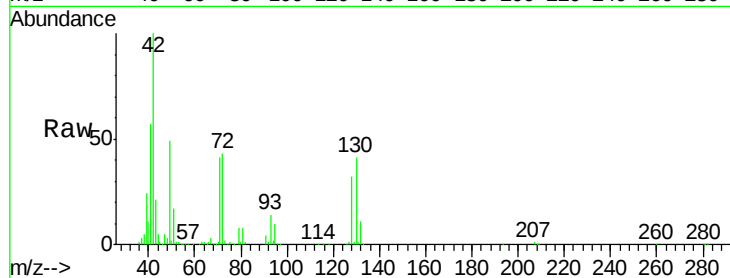
Delta R.T. -0.00 min

Lab File: VY003378.D

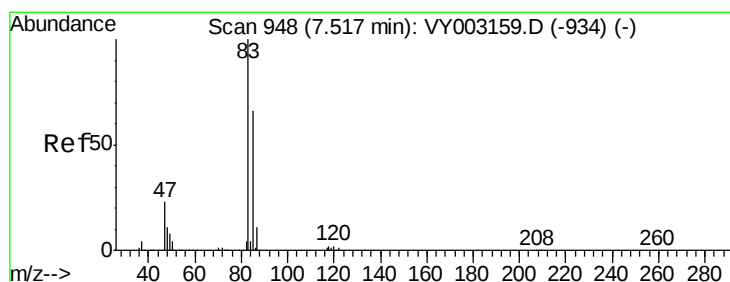
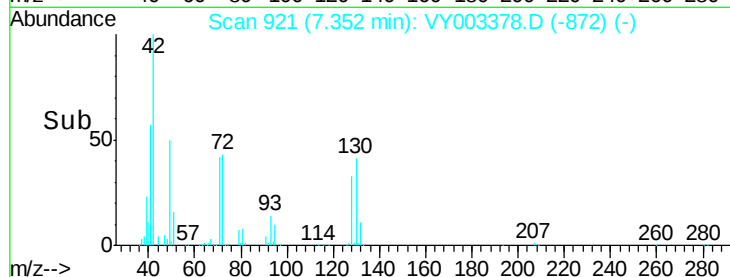
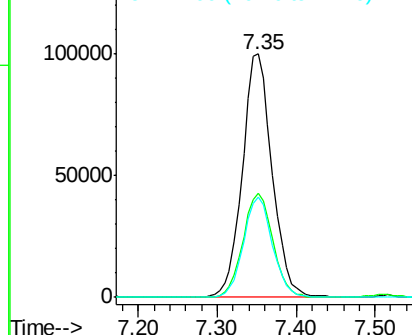
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	42	Resp:	262288
Ion	Ratio	Lower	Upper
42	100		
72	43.0	36.7	55.1
71	40.3	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: 57.729 ug/l

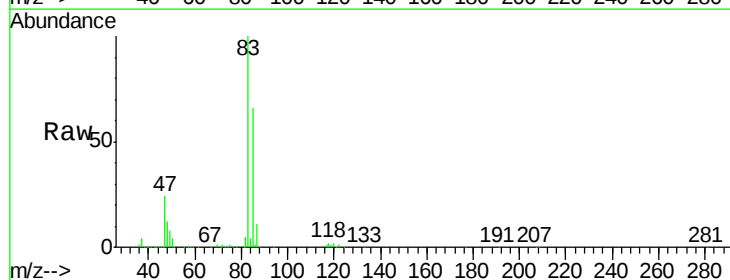
RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

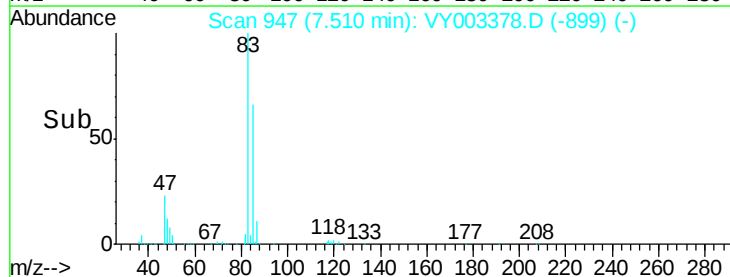
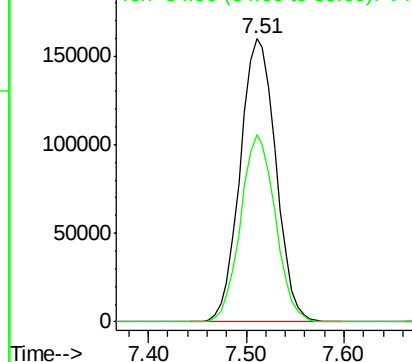
Lab File: VY003378.D

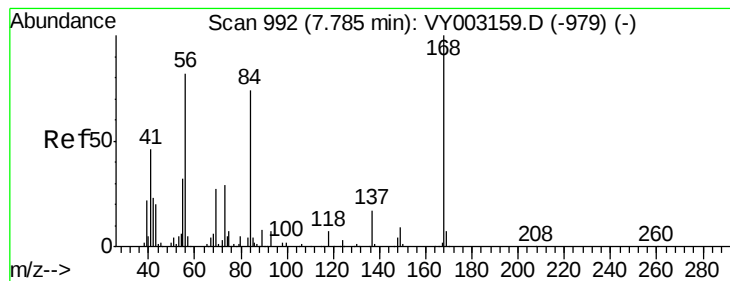
Acq: 28 Jul 2020 16:38

Tgt Ion:	83	Resp:	404661
Ion	Ratio	Lower	Upper
83	100		
85	66.4	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: 50.602 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

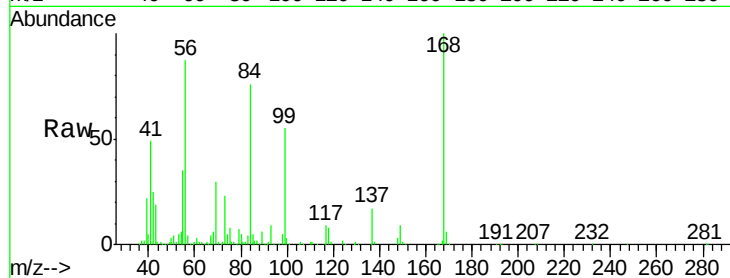
Tot Ion: 56 Resp: 333021

Ion Ratio Lower Upper

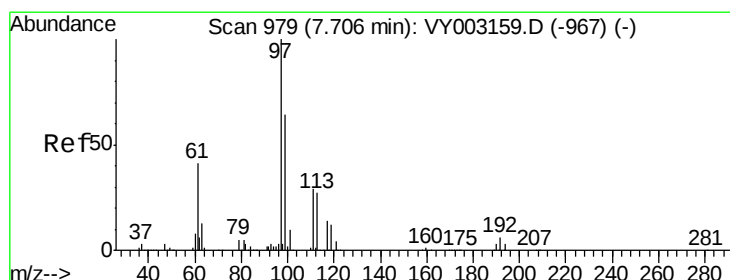
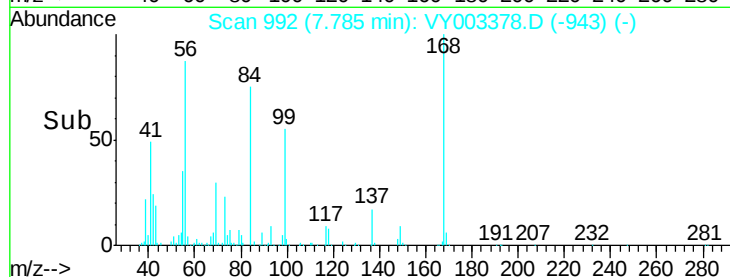
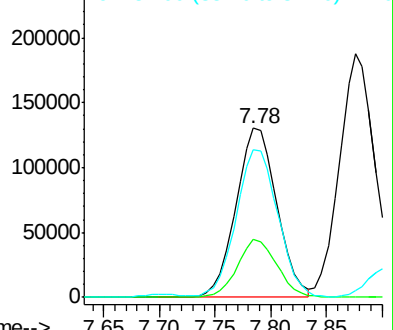
56 100

69 34.1 26.7 40.1

84 85.8 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: 56.323 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

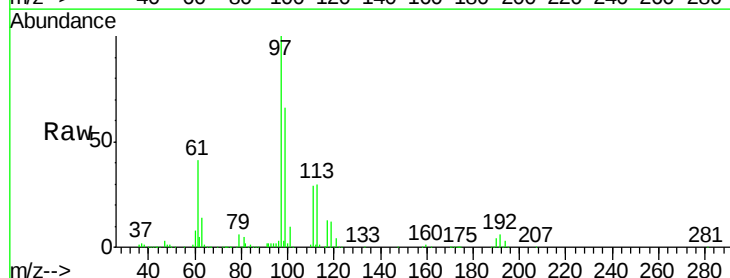
Tgt Ion: 97 Resp: 355426

Ion Ratio Lower Upper

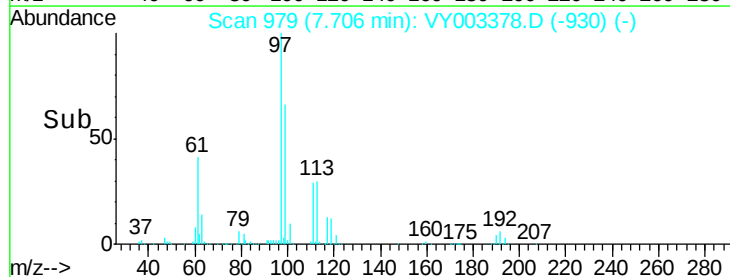
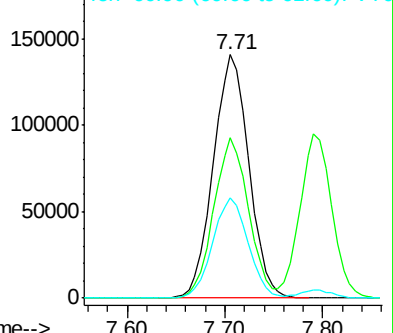
97 100

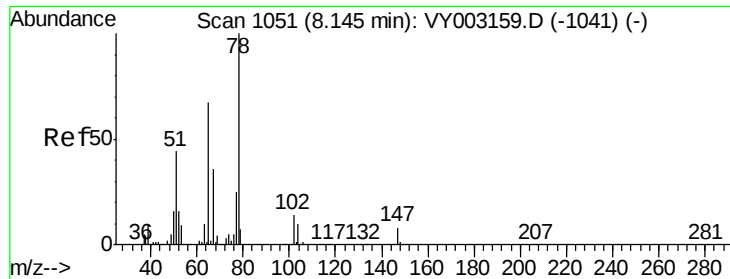
99 64.9 52.1 78.1

61 41.3 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

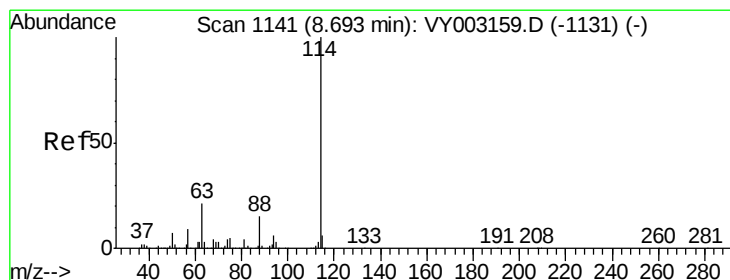
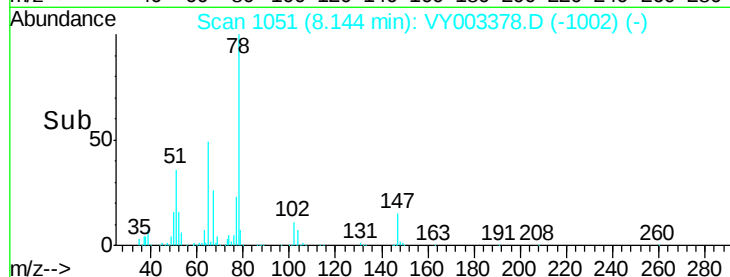
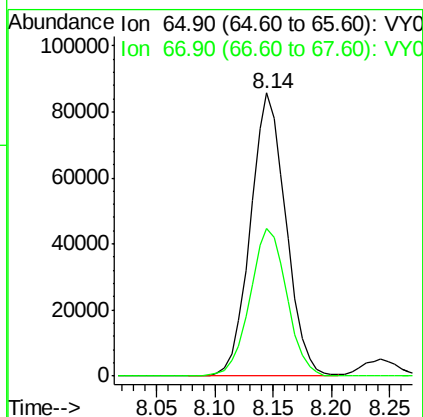
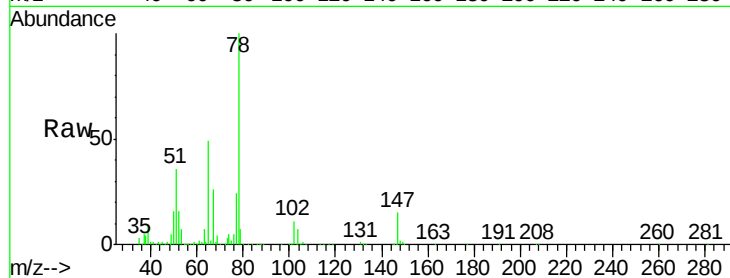




#33
 1,2-Dichloroethane-d4
 Concen: 50.323 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

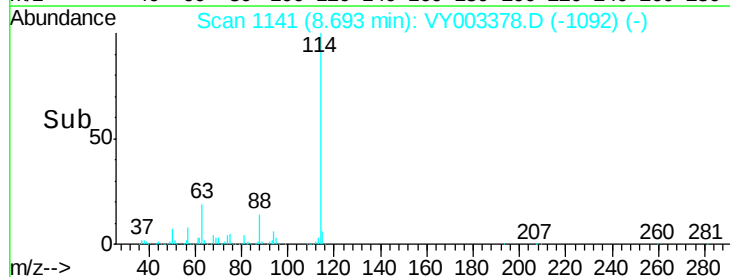
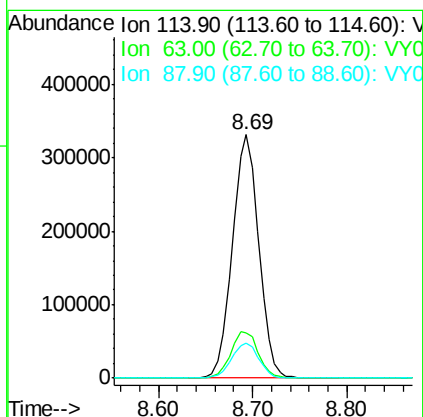
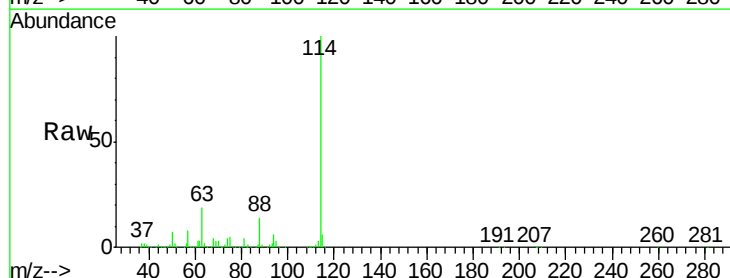
Instrument :
 MSVOA_Y
 ClientSampleId :

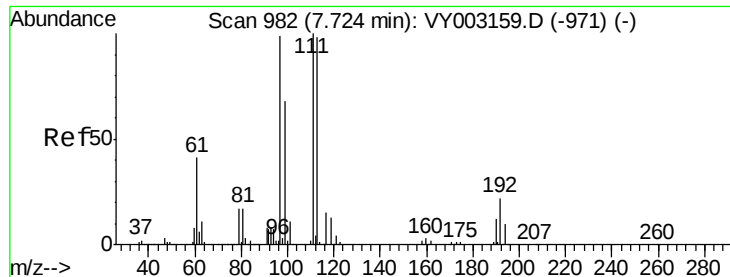
Tot Ion: 65 Resp: 182081
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 114 Resp: 643468
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 14.5 0.0 30.2

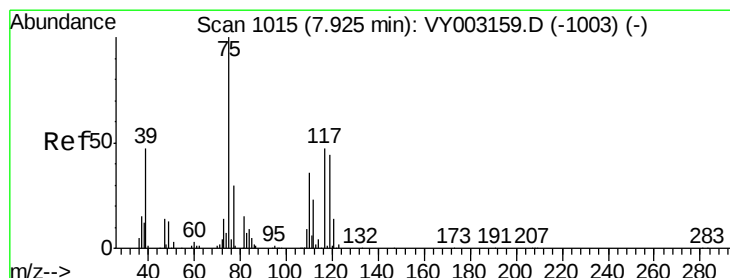
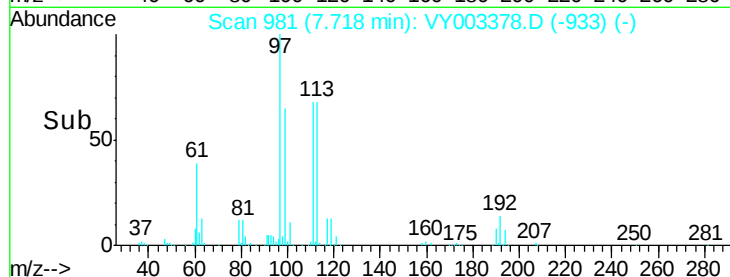
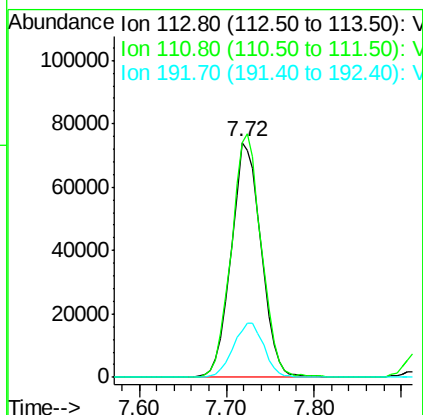
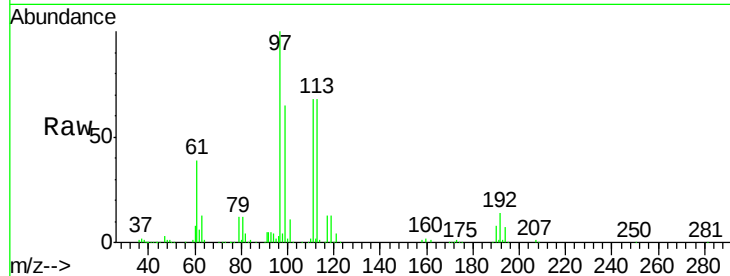




#35
 Dibromofluoromethane
 Concen: 47.539 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

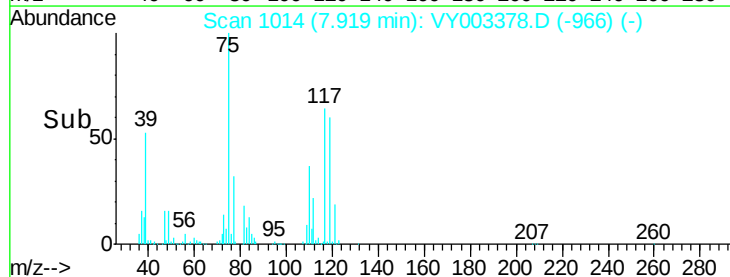
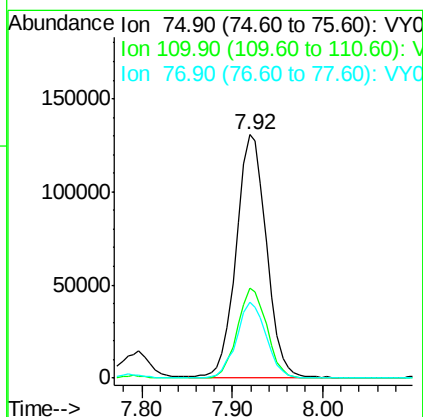
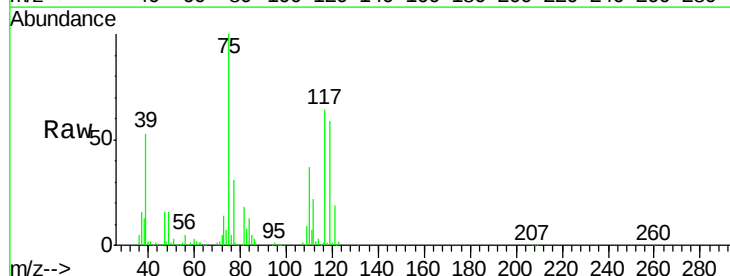
Instrument :
 MSVOA_Y
 ClientSampleId :

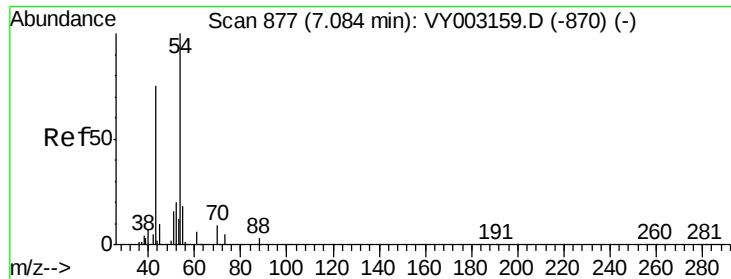
Tot Ion:113 Resp: 176038
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.1 123.1
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 51.424 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 75 Resp: 299904
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.1
 77 30.9 24.8 37.2

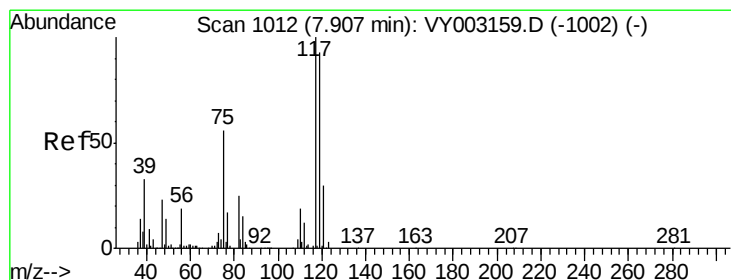
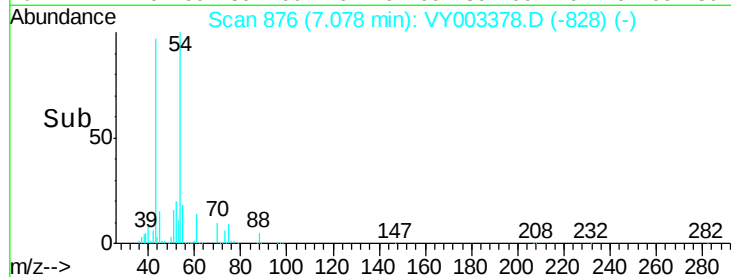
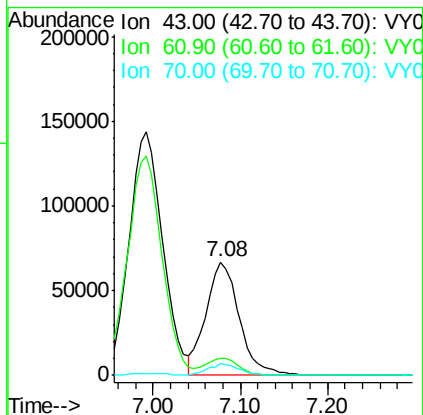
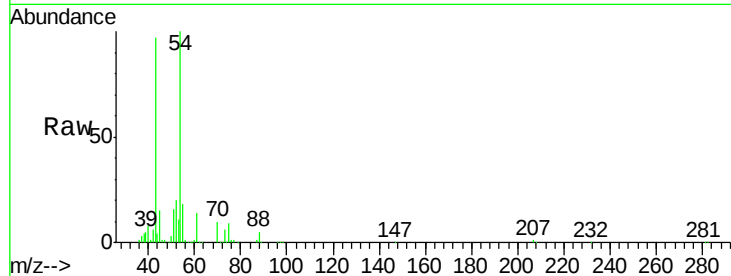




#37
Ethyl Acetate
Concen: 56.258 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

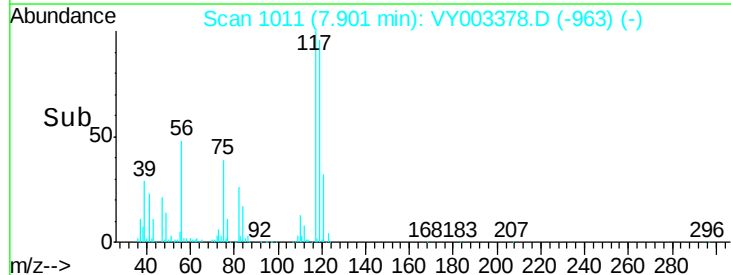
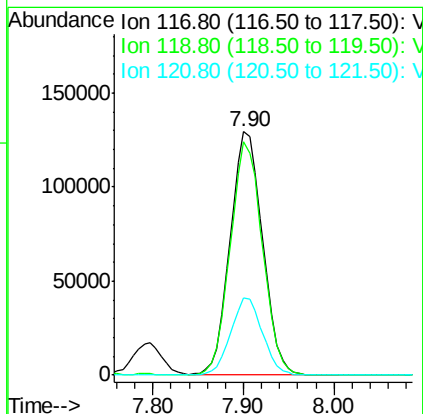
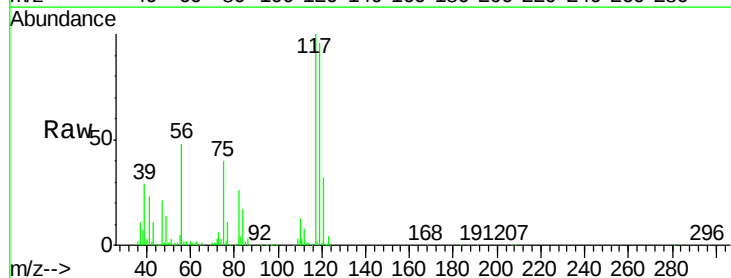
Instrument :
MSVOA_Y
ClientSampled :

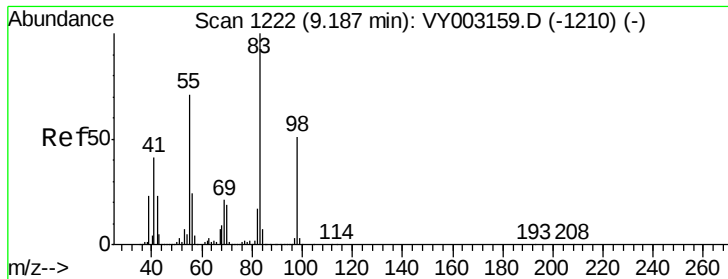
Tot Ion: 43 Resp: 176687
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 53.454 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 117 Resp: 321829
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.9 24.2 36.2

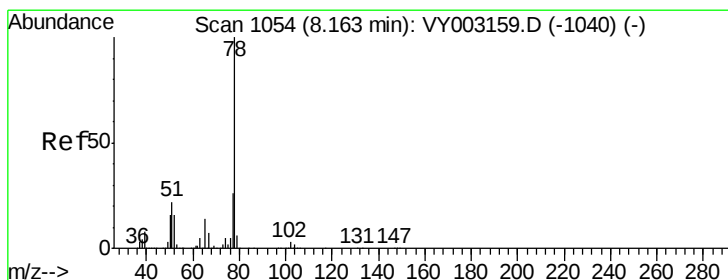
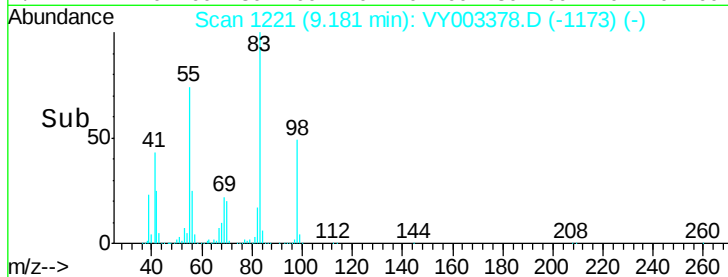
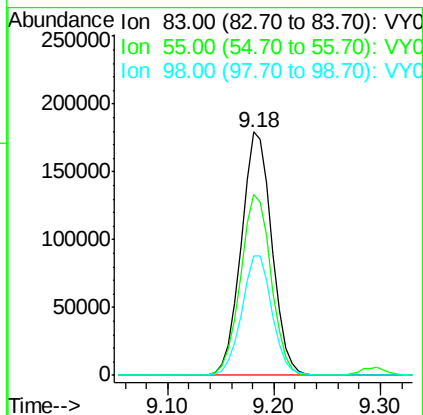
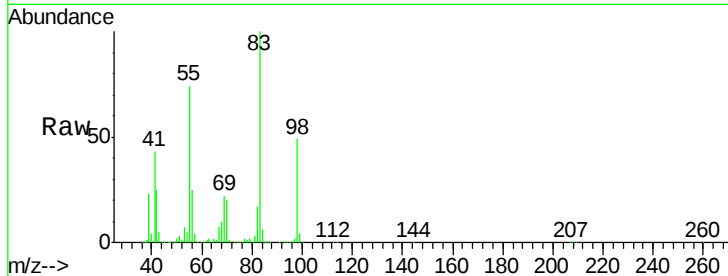




#39
Methvlcvclohexane
Concen: 49.646 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

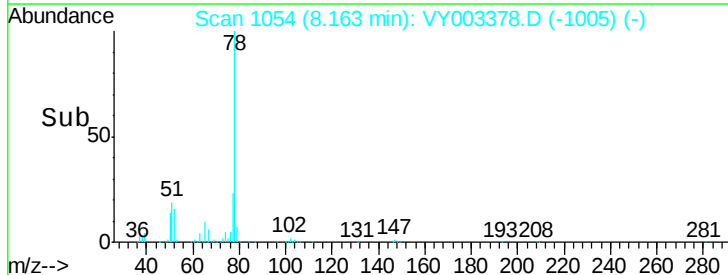
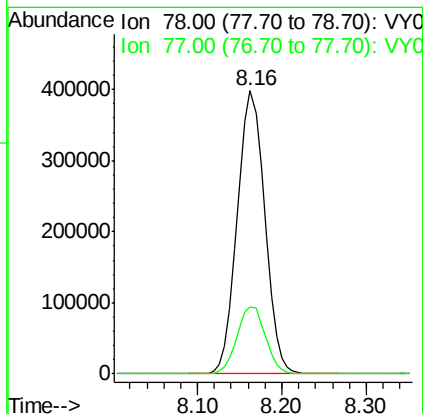
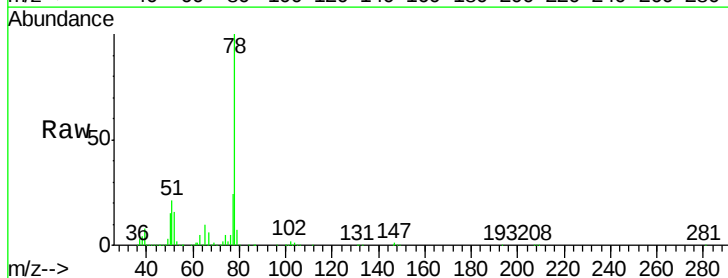
Instrument :
MSVOA_Y
ClientSampleId :

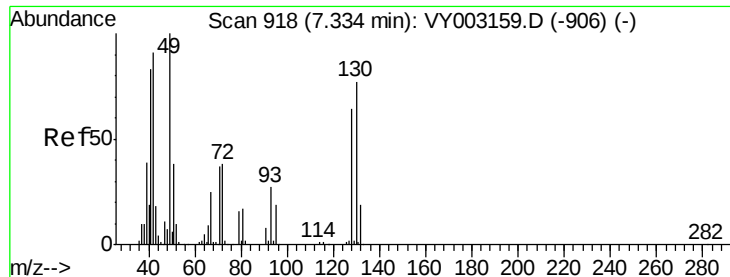
Tot Ion	83	Resp	363720
Ion Ratio	Lower	Upper	
83	100		
55	74.4	57.2	85.8
98	49.2	41.0	61.6



#40
Benzene
Concen: 54.570 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion	78	Resp	876302
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.7	31.1

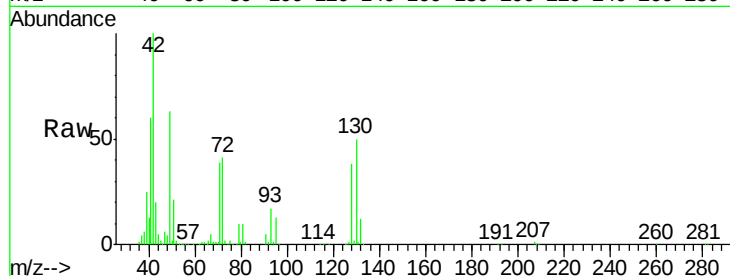




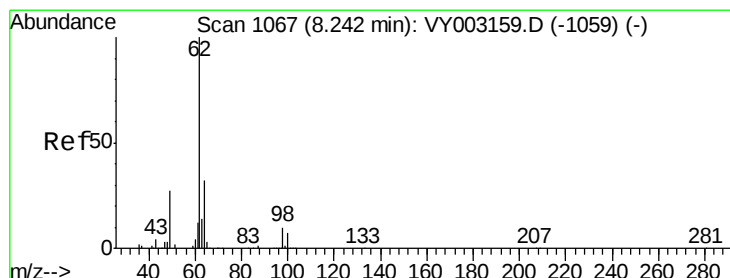
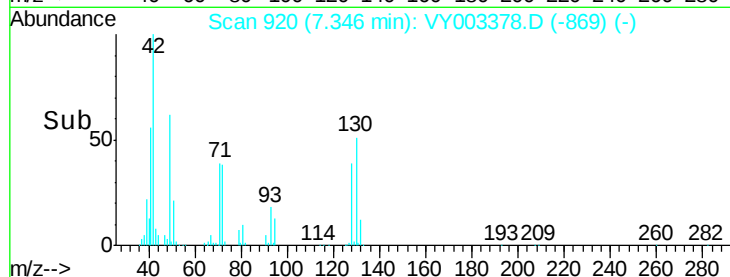
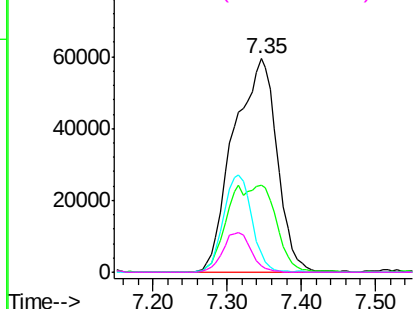
#41
Methacrylonitrile
Concen: 128.532 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	243123
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

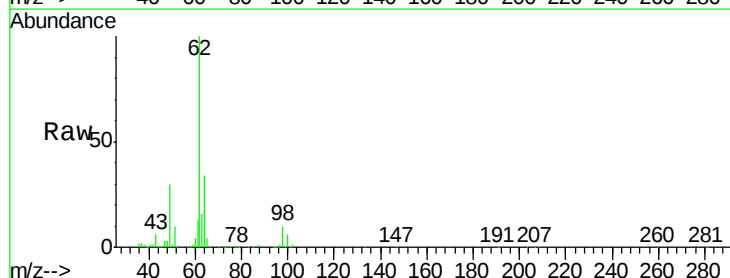


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

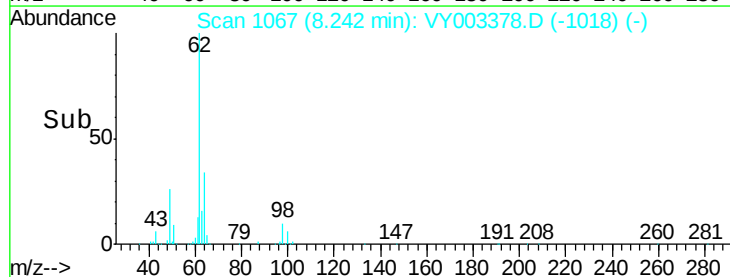
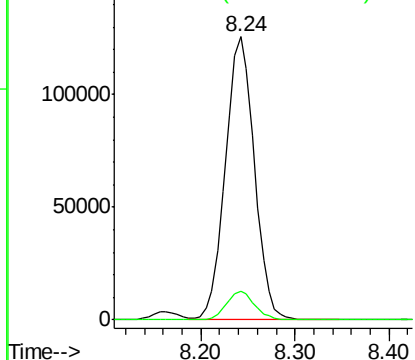


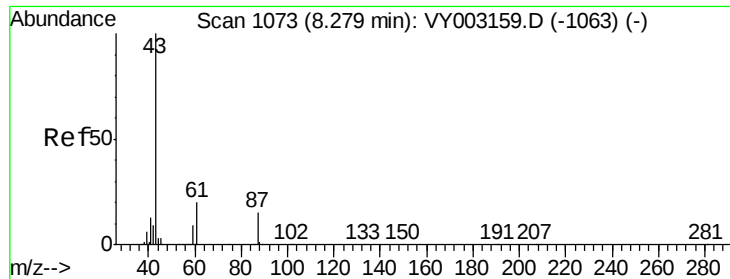
#42
1,2-Dichloroethane
Concen: 54.341 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:	62	Resp:	268645
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



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



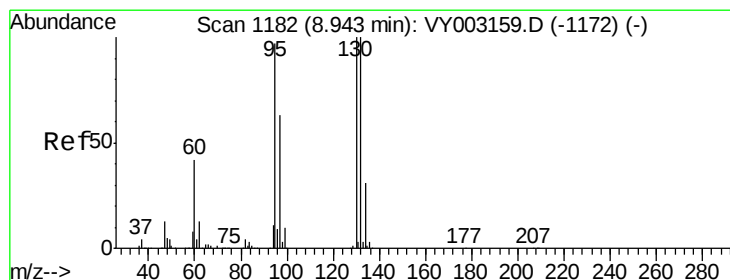
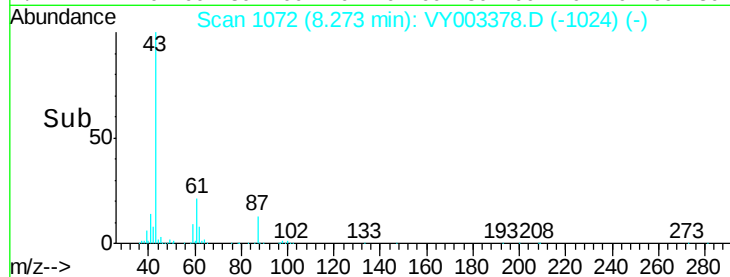
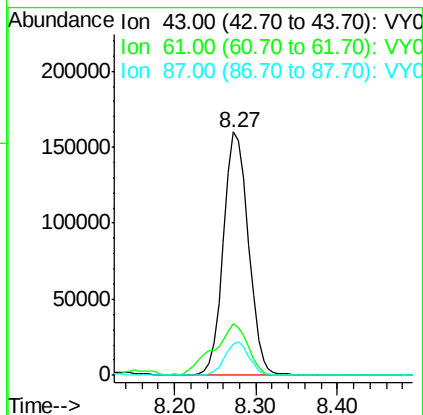
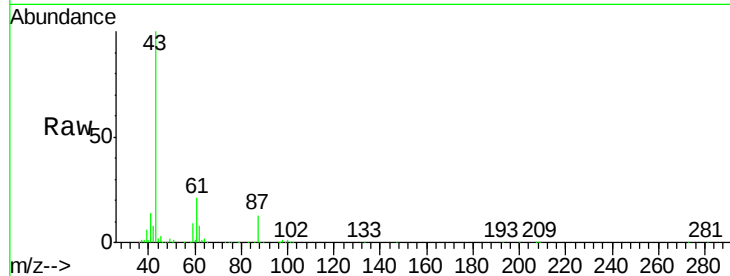


#43

Isopropyl Acetate
 Concen: 55.605 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :

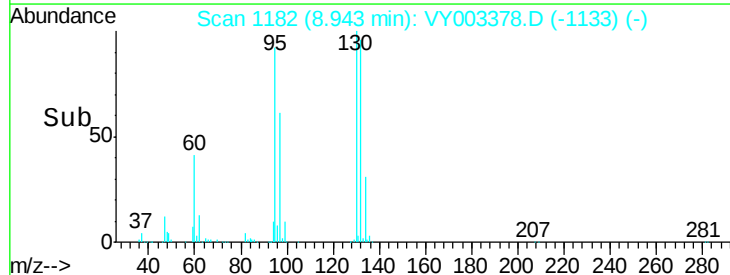
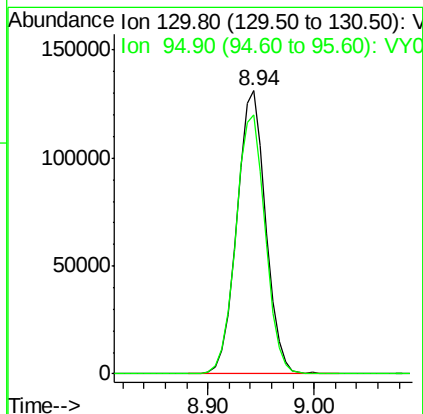
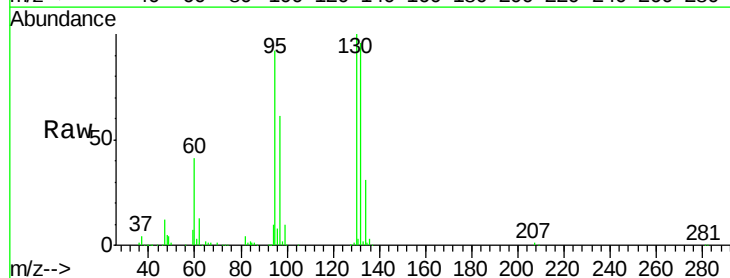
Tot Ion	43	Resp	338035
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.7	35.5
87	13.4	11.4	17.0

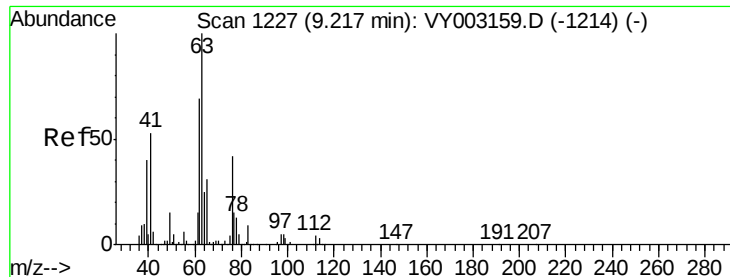


#44

Trichloroethene
 Concen: 50.606 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	130	Resp	249118
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	193.8





#45

1,2-Dichloropropane

Concen: 56.547 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

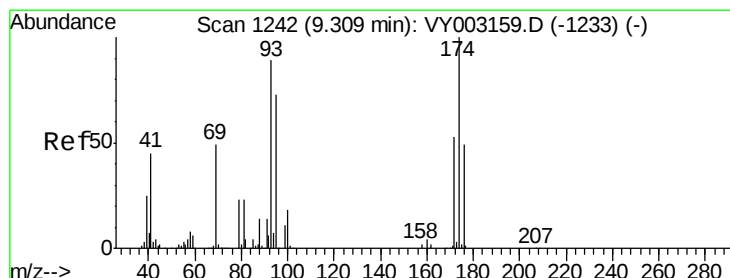
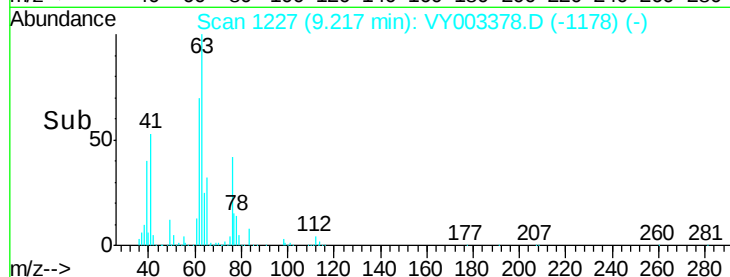
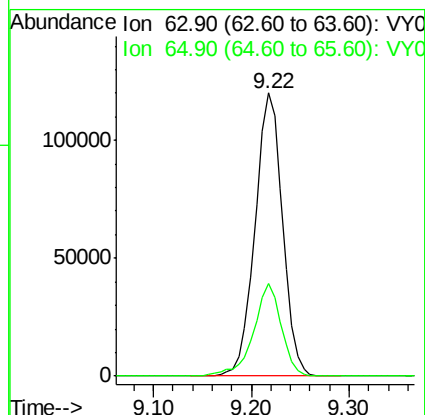
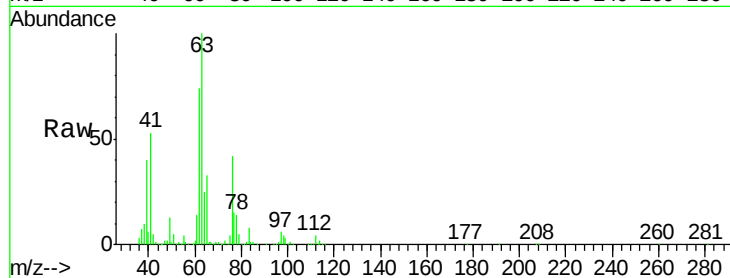
ClientSampled :

Tot Ion: 63 Resp: 234960

Ion Ratio Lower Upper

63 100

65 32.8 25.0 37.4



#46

Dibromomethane

Concen: 53.101 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

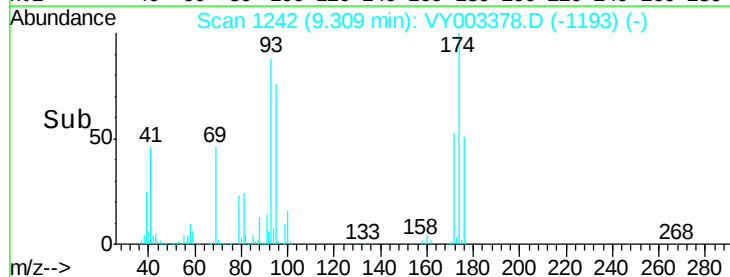
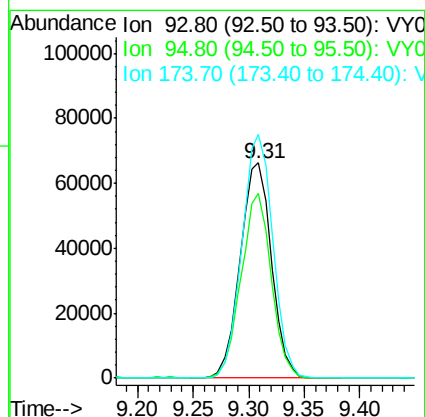
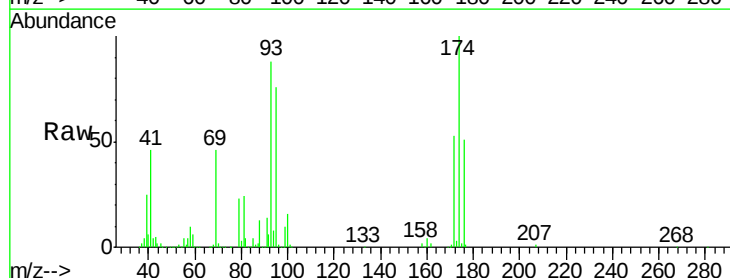
Tgt Ion: 93 Resp: 128868

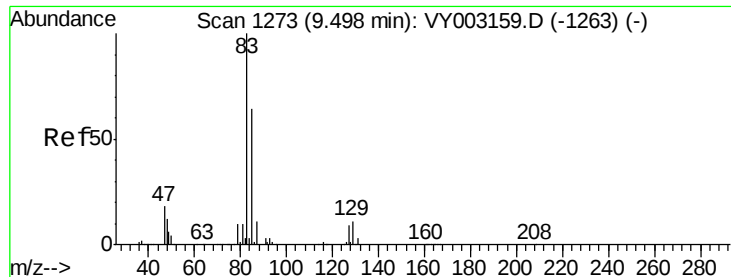
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 112.1 90.2 135.4





#47

Bromodichloromethane

Concen: 56.171 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampled :

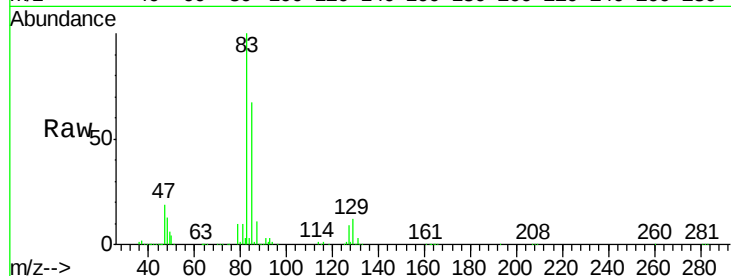
Tot Ion: 83 Resp: 324214

Ion Ratio Lower Upper

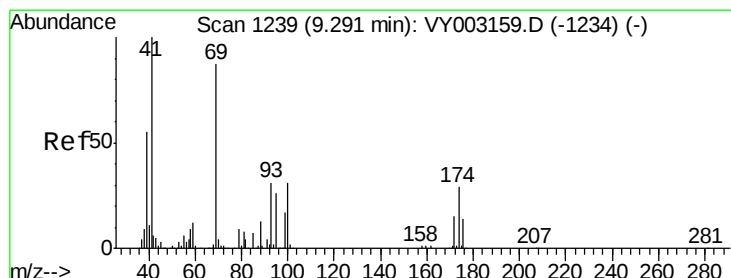
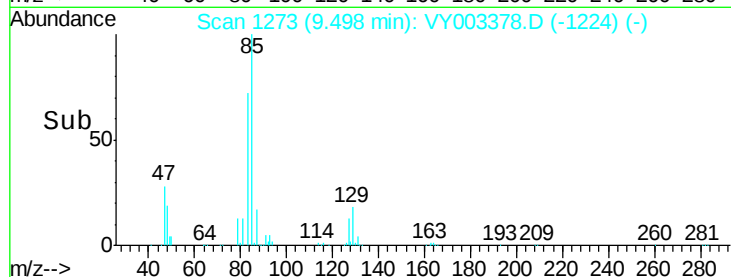
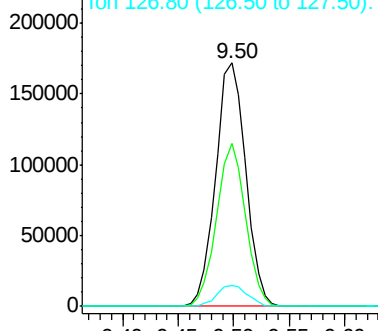
83 100

85 66.7 50.9 76.3

127 8.5 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): V



#48

Methyl methacrylate

Concen: 56.604 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

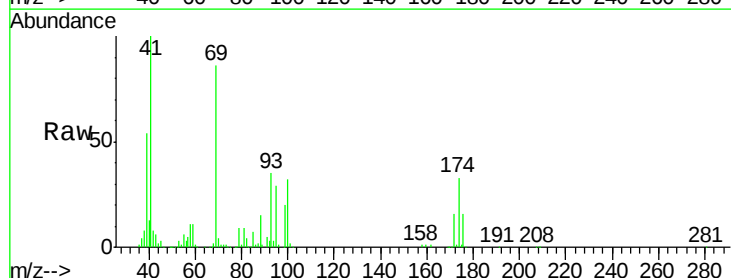
Tgt Ion: 41 Resp: 153836

Ion Ratio Lower Upper

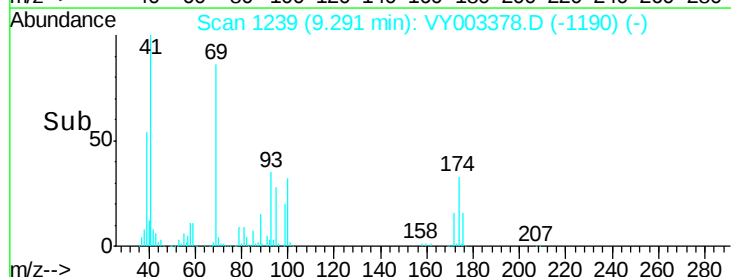
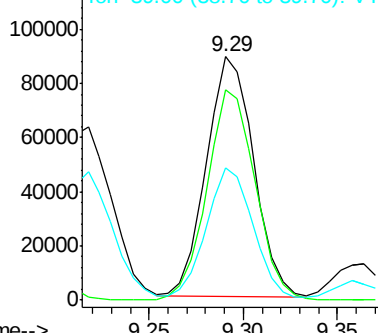
41 100

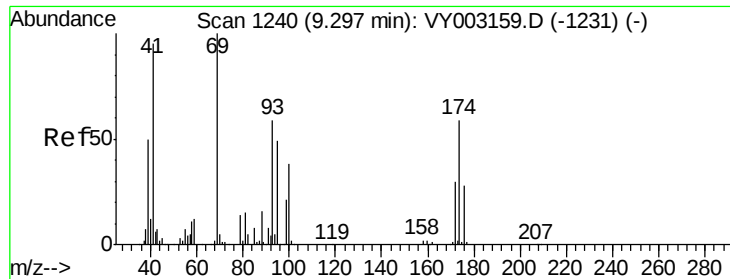
69 89.7 74.5 111.7

39 52.7 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

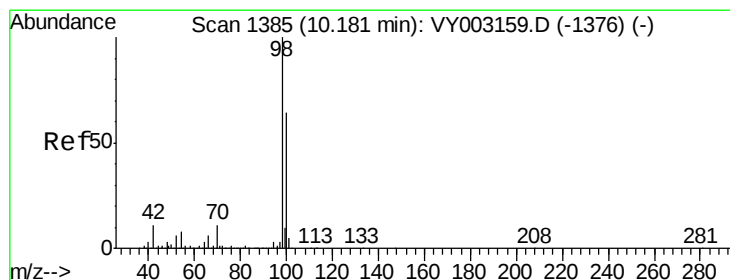
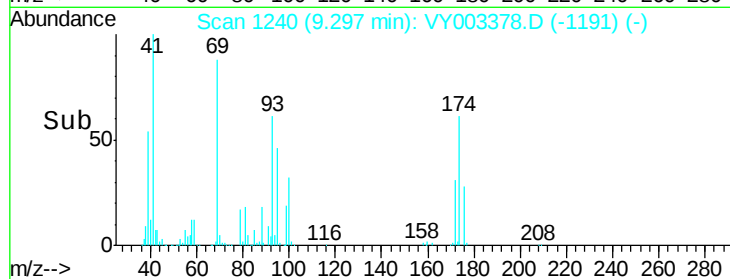
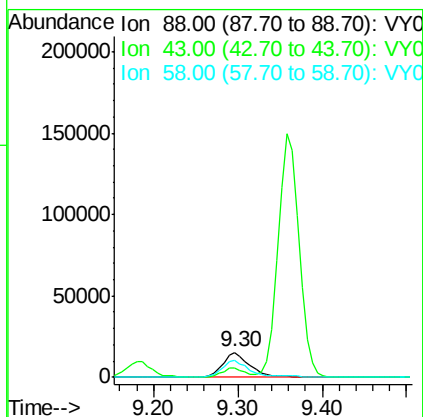
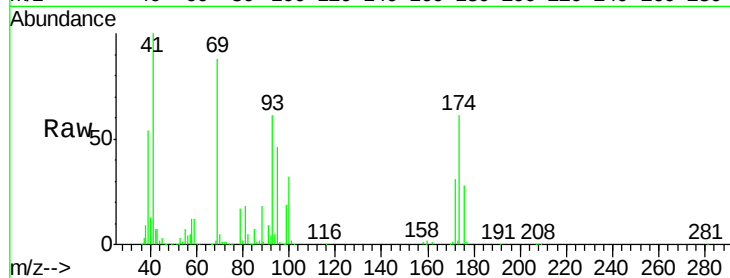




#49
1,4-Dioxane
Concen: 1098.024 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

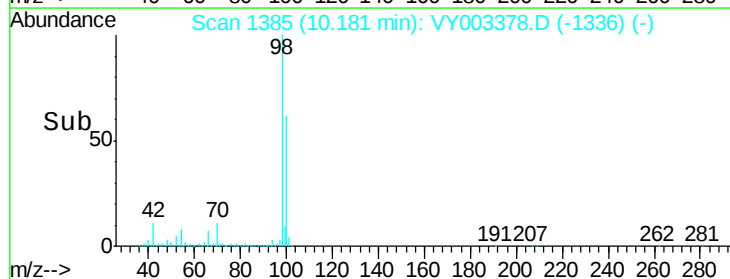
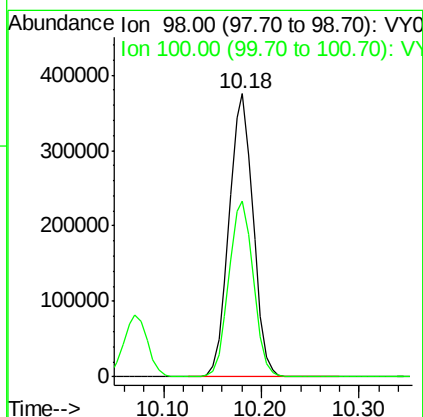
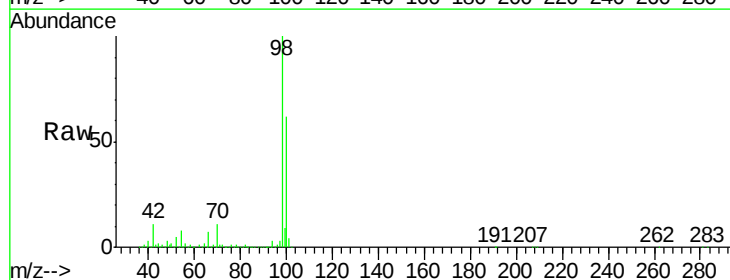
Instrument :
MSVOA_Y
ClientSampleId :

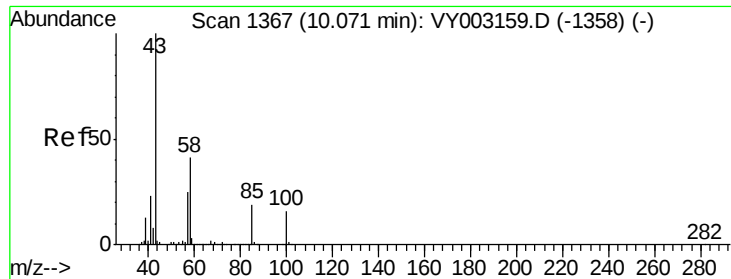
Tot Ion: 88 Resp: 33820
Ion Ratio Lower Upper
88 100
43 32.5 25.6 38.4
58 66.5 47.8 71.6



#50
Toluene-d8
Concen: 46.536 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 98 Resp: 640672
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 283.197 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

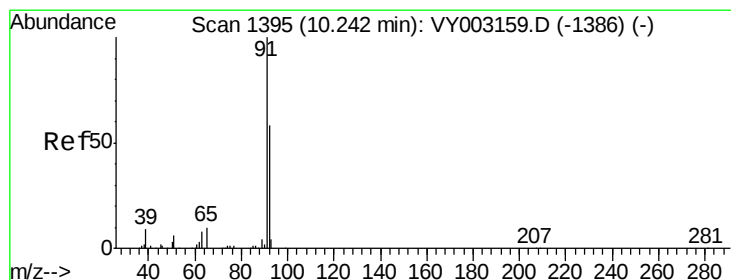
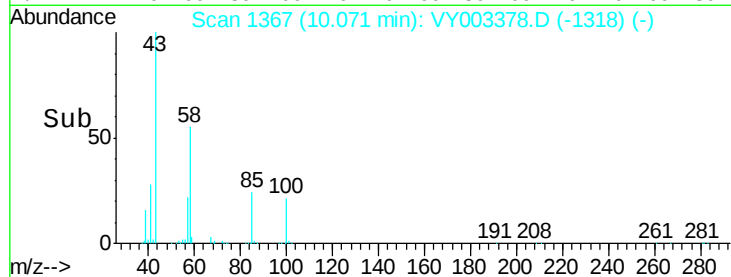
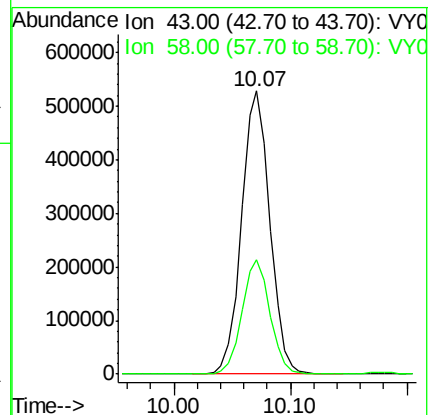
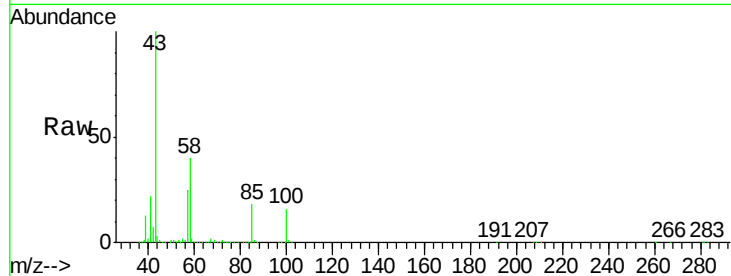
ClientSampled :

Tot Ion: 43 Resp: 894842

Ion Ratio Lower Upper

43 100

58 39.9 32.7 49.1



#52

Toluene

Concen: 53.423 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003378.D

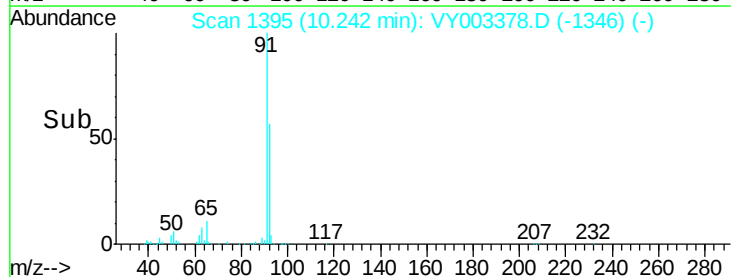
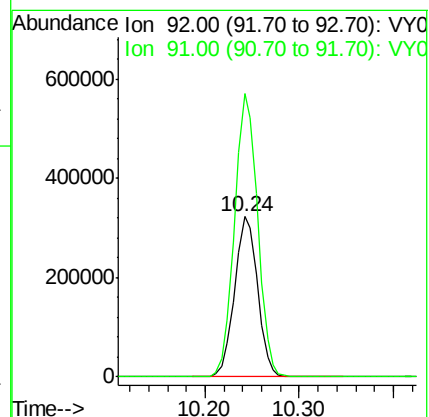
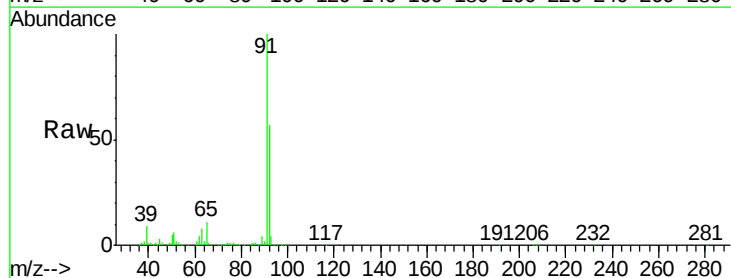
Acq: 28 Jul 2020 16:38

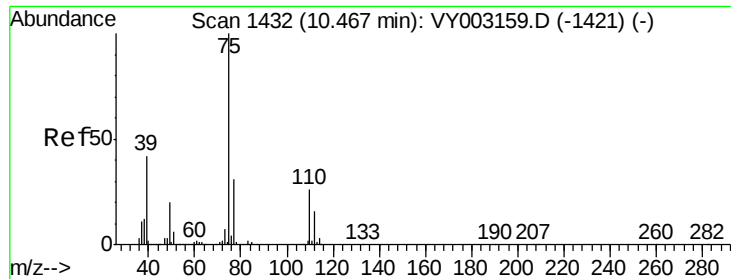
Tgt Ion: 92 Resp: 548327

Ion Ratio Lower Upper

92 100

91 177.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 56.769 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

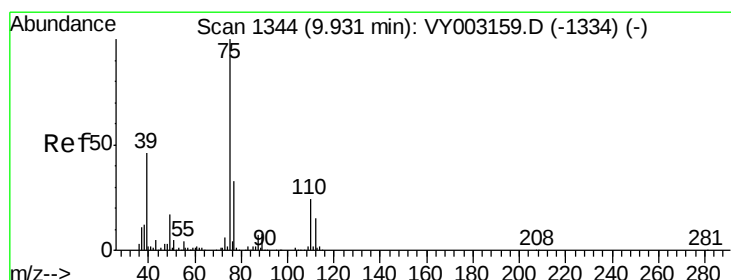
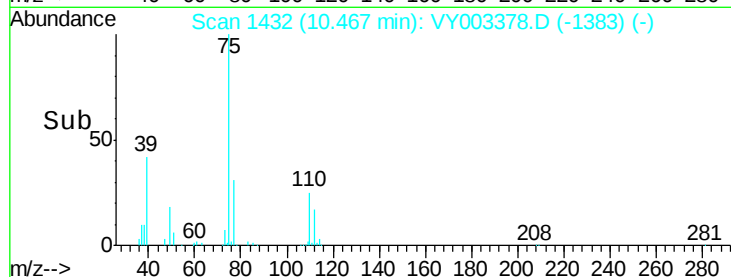
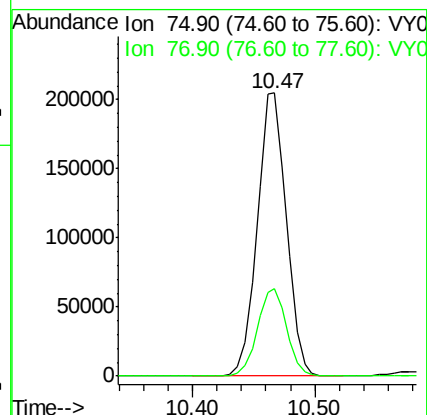
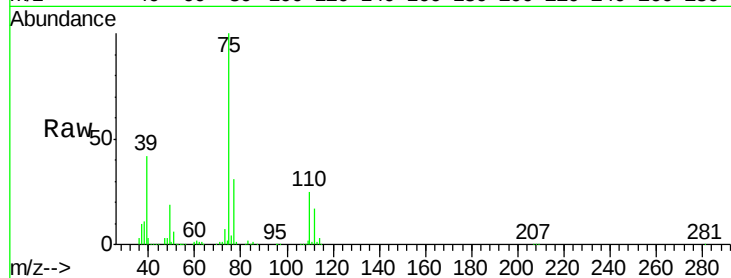
ClientSampleId :

Tot Ion: 75 Resp: 339489

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.810 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

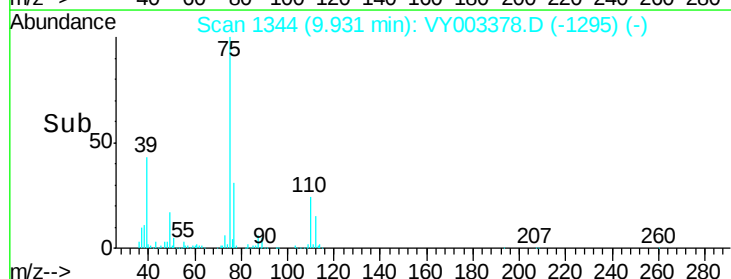
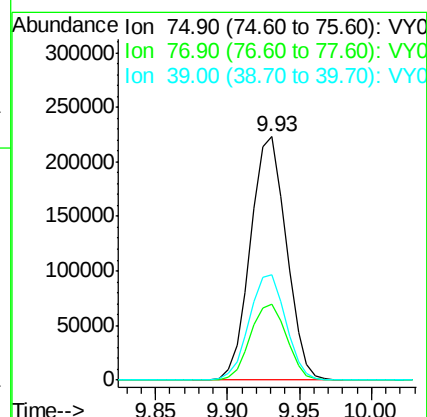
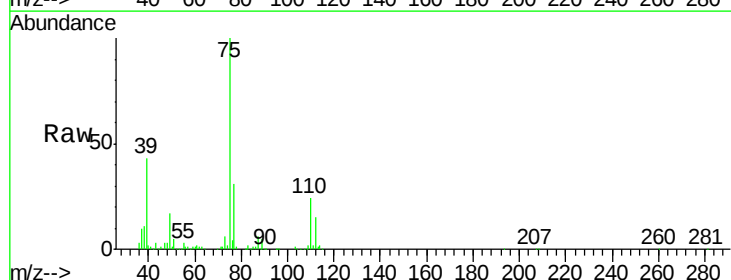
Tgt Ion: 75 Resp: 384547

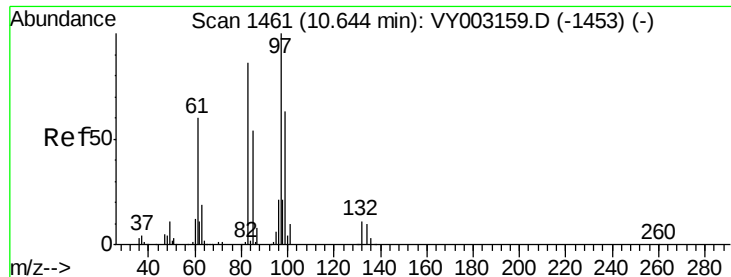
Ion Ratio Lower Upper

75 100

77 31.5 26.7 40.1

39 43.3 37.0 55.6

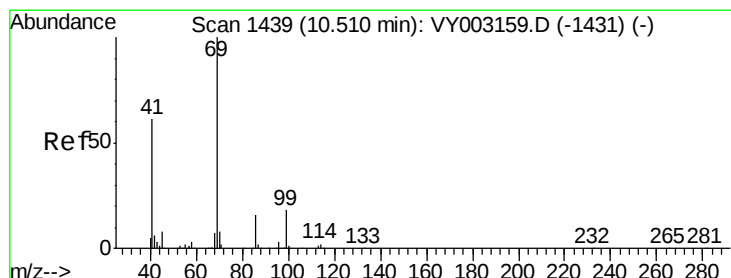
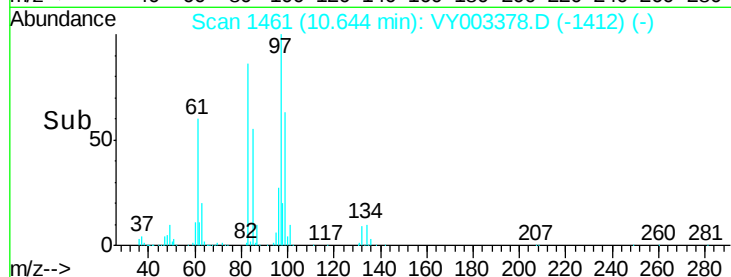
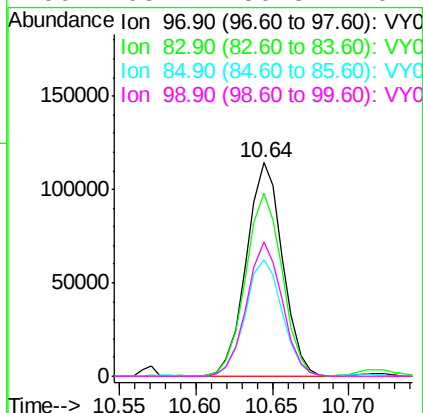
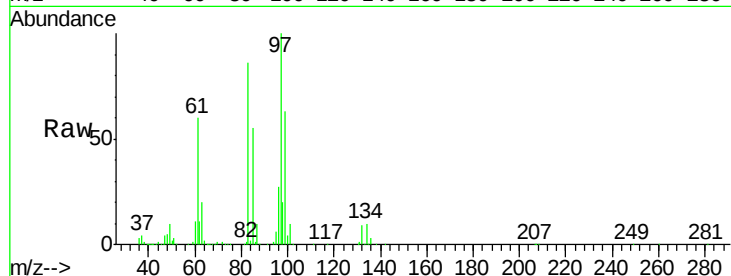




#55
 1,1,2-Trichloroethane
 Concen: 54.958 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

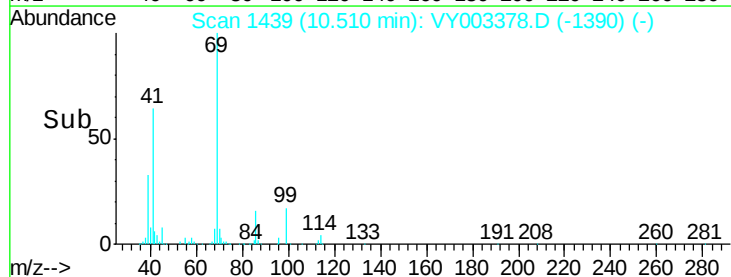
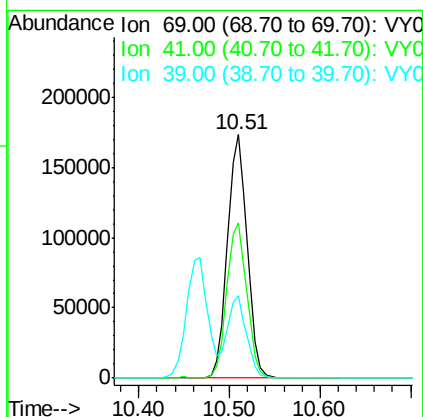
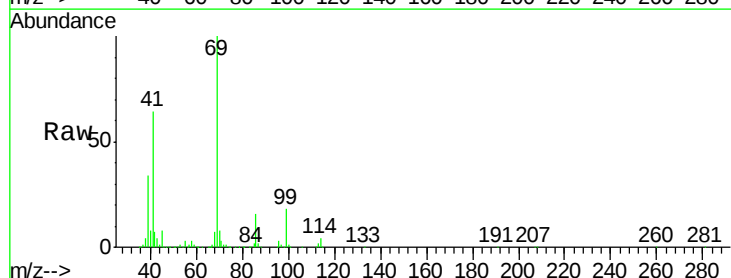
Instrument :
 MSVOA_Y
 ClientSampleId :

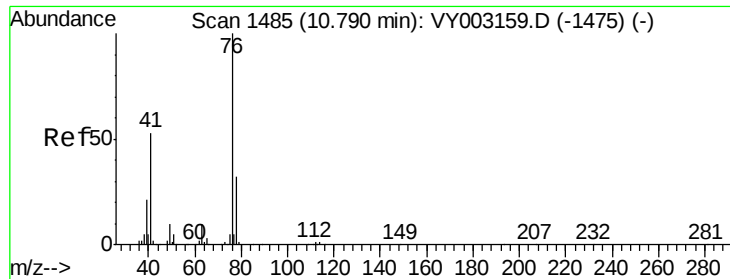
Tot Ion: 97 Resp: 188998
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.8 103.2
 85 54.6 43.1 64.7
 99 63.1 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 55.914 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 69 Resp: 261420
 Ion Ratio Lower Upper
 69 100
 41 64.3 50.0 75.0
 39 33.3 27.6 41.4





#57

1,3-Dichloropropane

Concen: 55.687 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

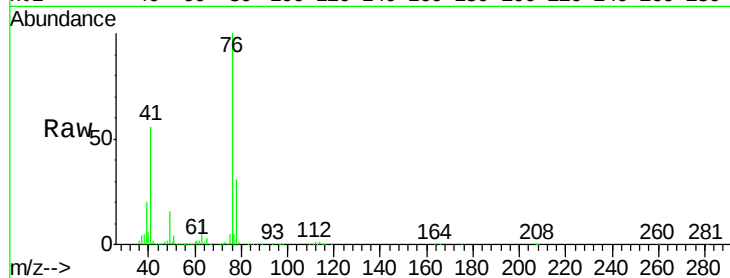
ClientSampleId :

Tot Ion: 76 Resp: 324711

Ion Ratio Lower Upper

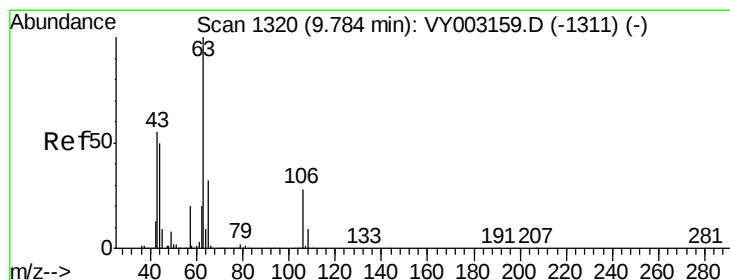
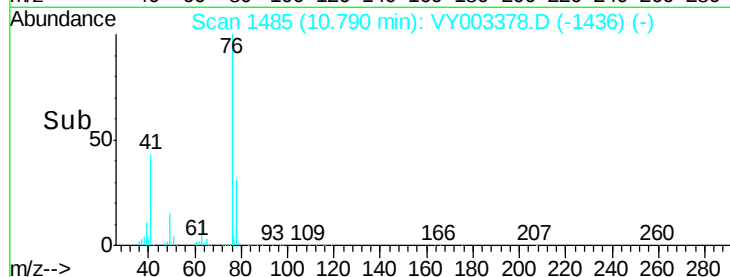
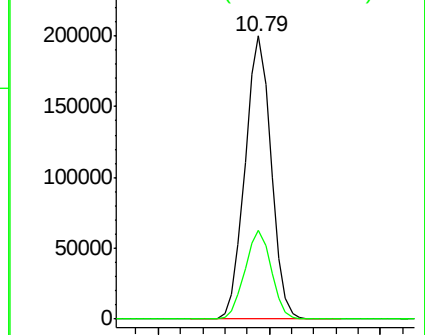
76 100

78 31.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.270 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003378.D

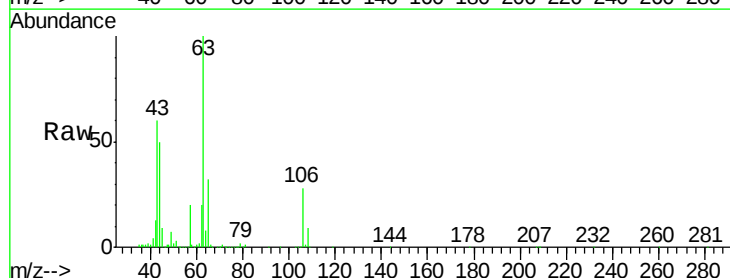
Acq: 28 Jul 2020 16:38

Tgt Ion: 63 Resp: 620598

Ion Ratio Lower Upper

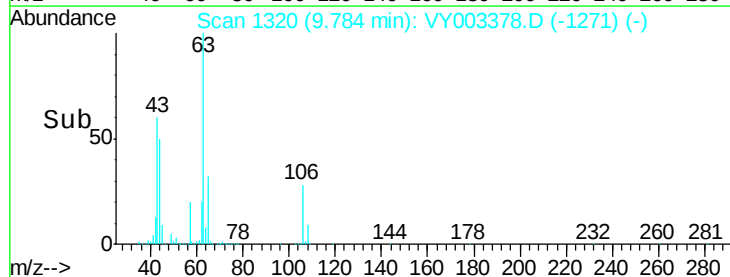
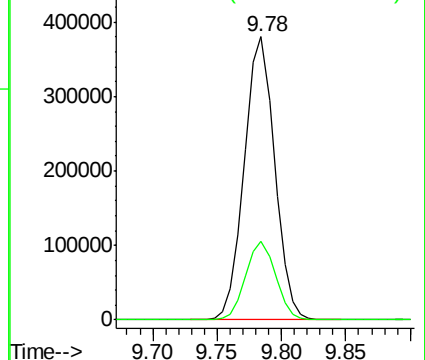
63 100

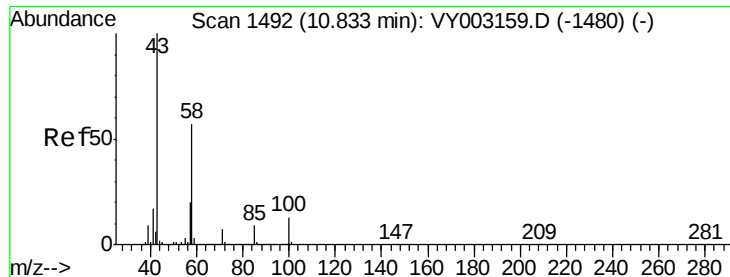
106 27.5 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

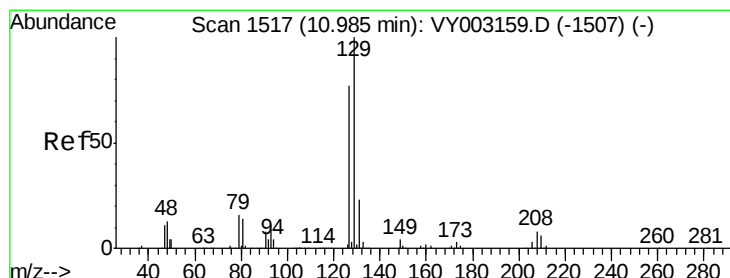
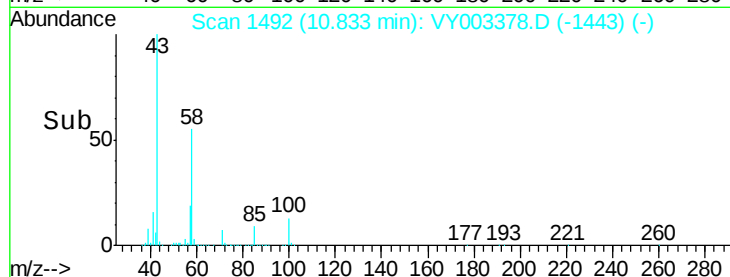
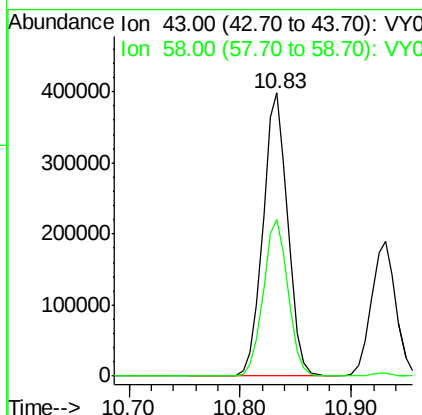
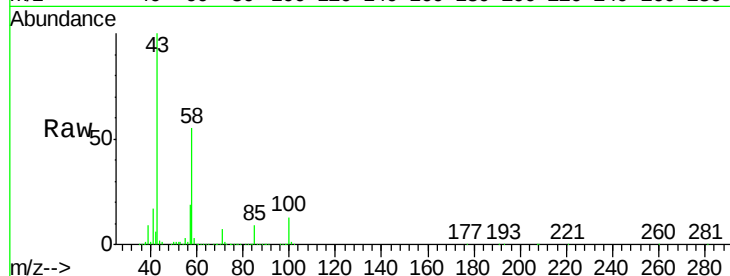




#59
2-Hexanone
Concen: 279.933 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

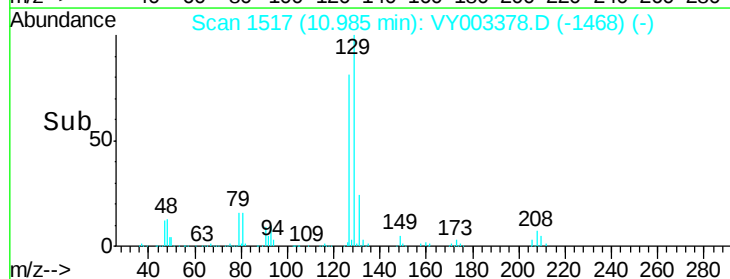
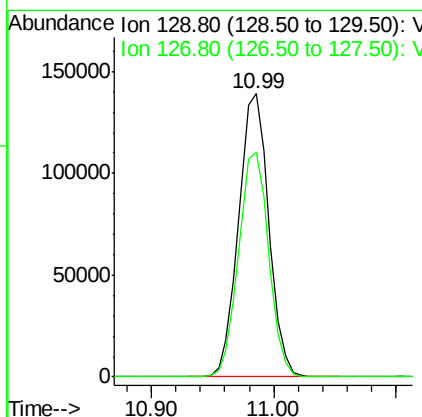
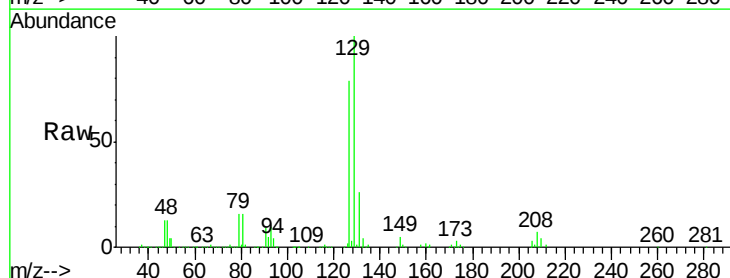
Instrument :
MSVOA_Y
ClientSampleId :

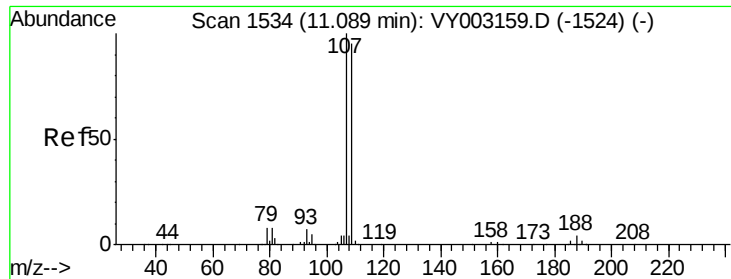
Tot Ion: 43 Resp: 617466
Ion Ratio Lower Upper
43 100
58 55.4 28.3 85.0



#60
Dibromochloromethane
Concen: 54.980 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 129 Resp: 237806
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.5

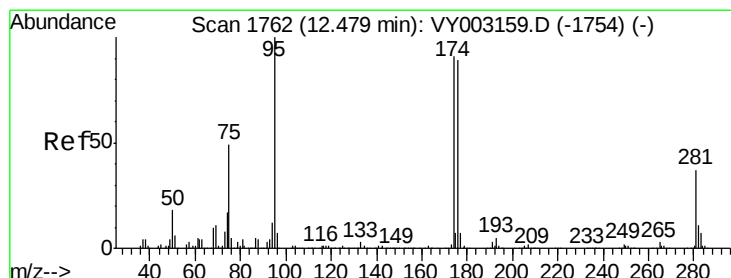
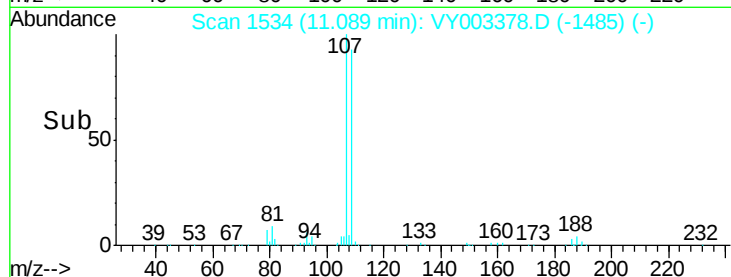
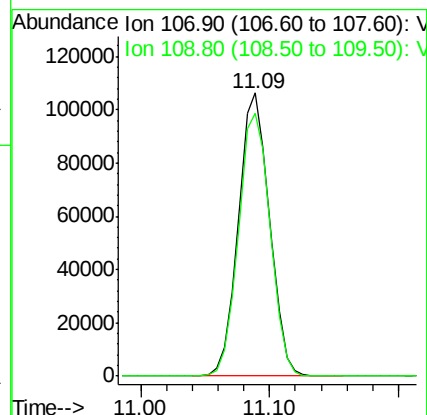
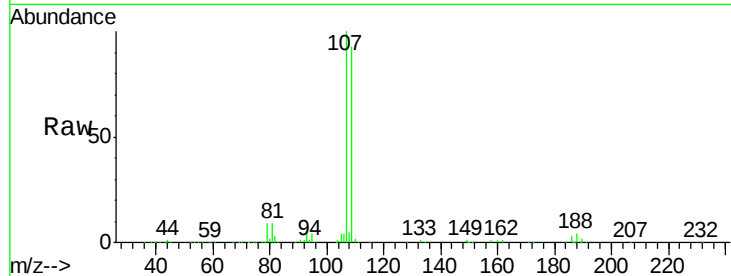




#61
 1,2-Dibromoethane
 Concen: 52.310 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

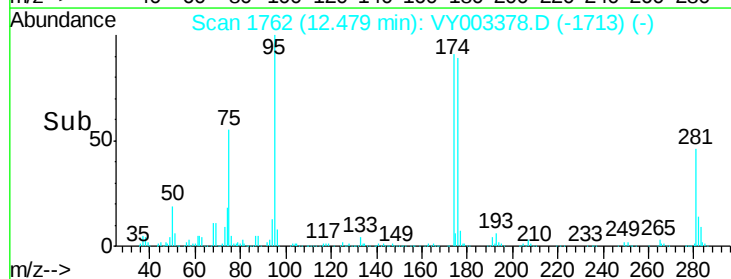
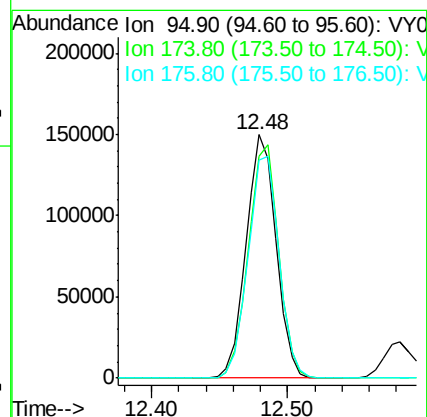
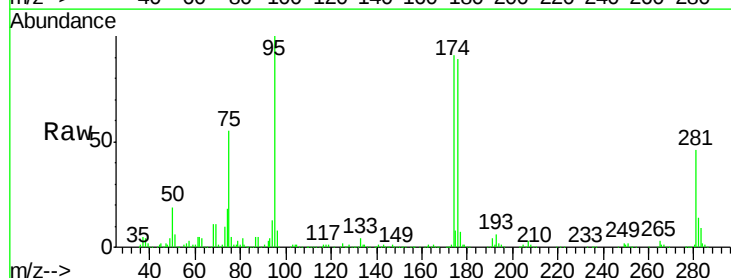
Instrument :
 MSVOA_Y
 ClientSampleId :

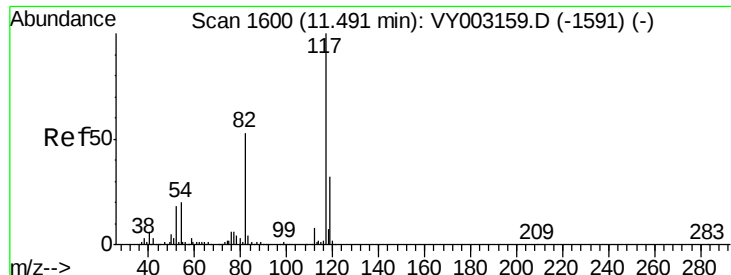
Tot Ion: 107 Resp: 177547
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 46.432 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion: 95 Resp: 230929
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 190.6
 176 94.5 0.0 186.4

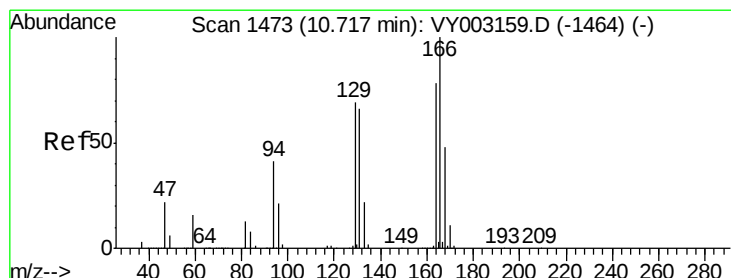
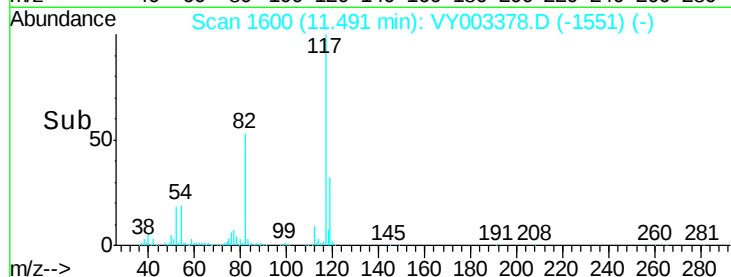
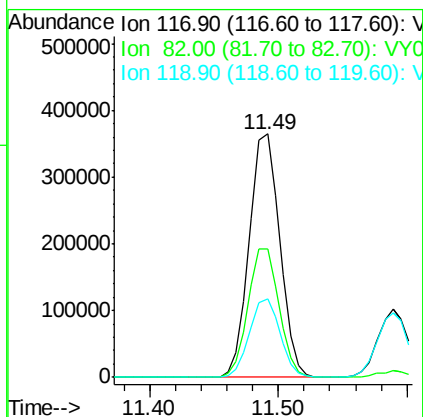
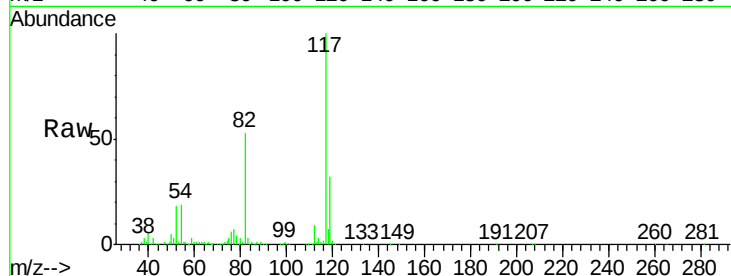




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

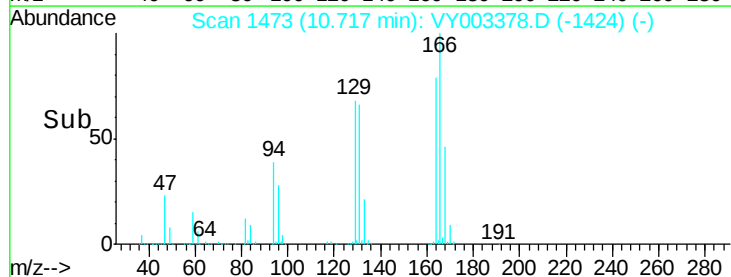
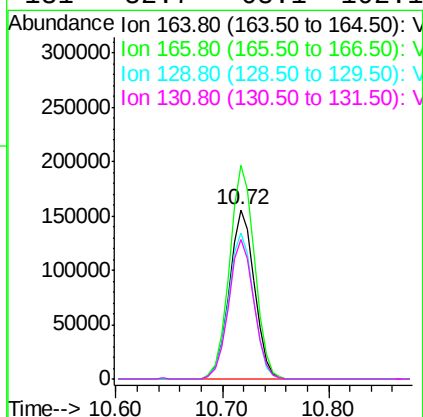
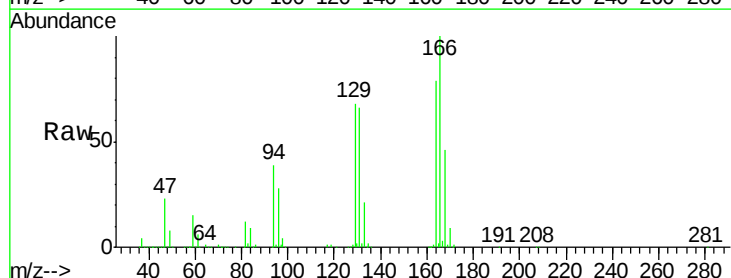
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 597598
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 48.194 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:164 Resp: 256794
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 86.0 71.4 107.2
131 82.7 68.1 102.1

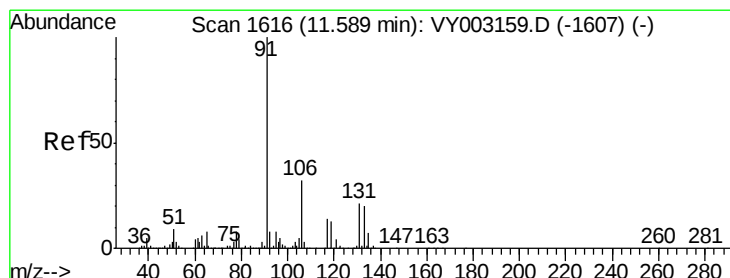
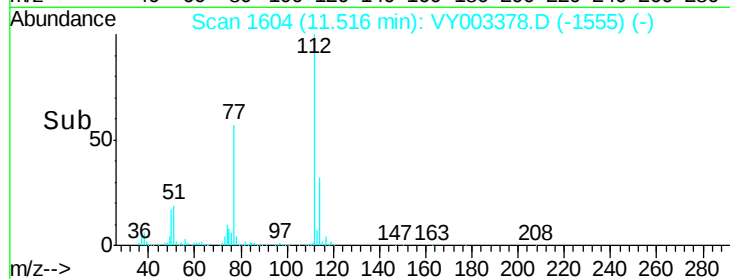
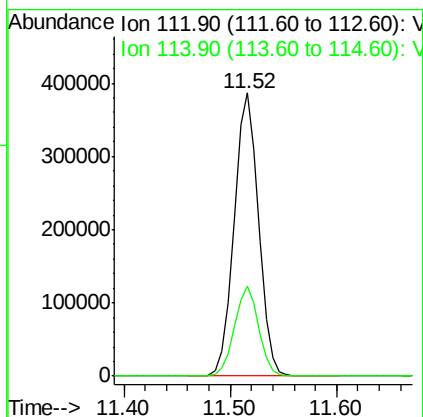
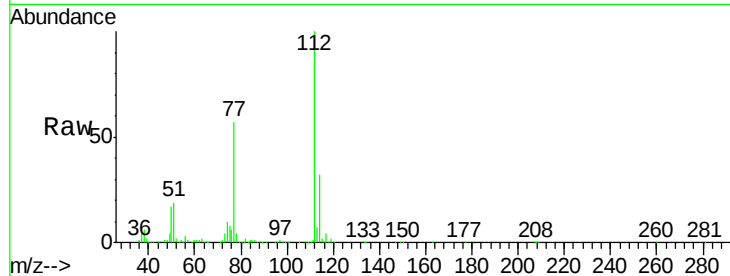




#65
Chlorobenzene
Concen: 53.928 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

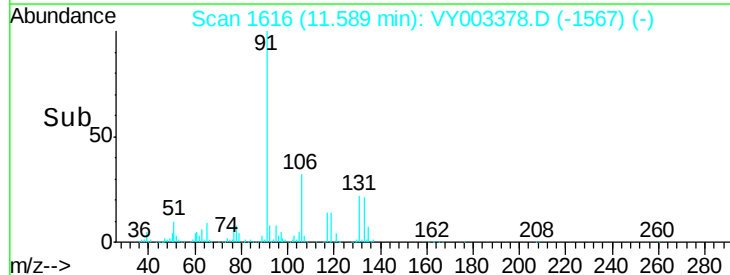
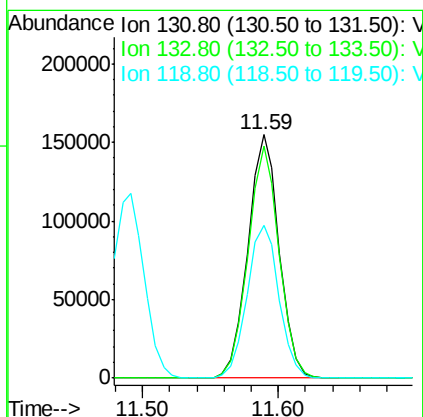
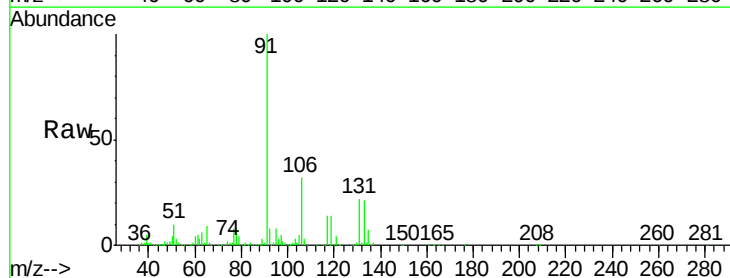
Instrument :
MSVOA_Y
ClientSampleId :

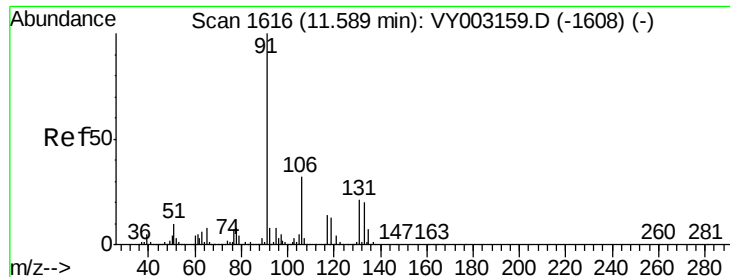
Tot Ion:112 Resp: 620845
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 55.417 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:131 Resp: 247790
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 54.050 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

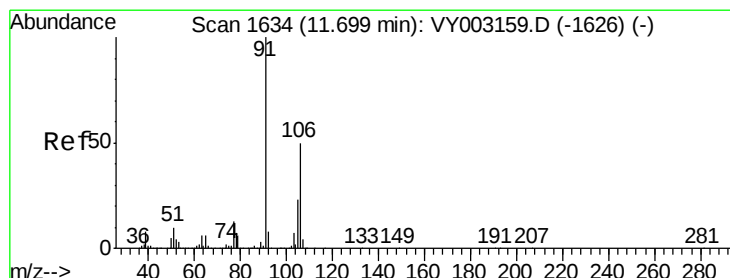
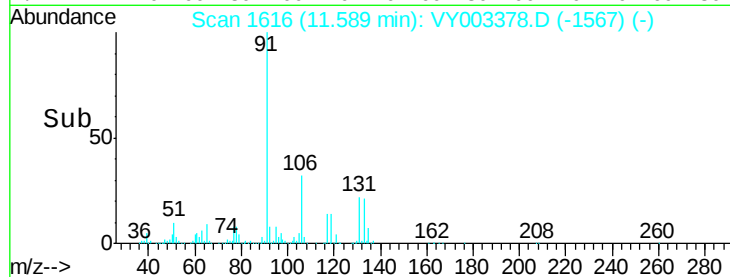
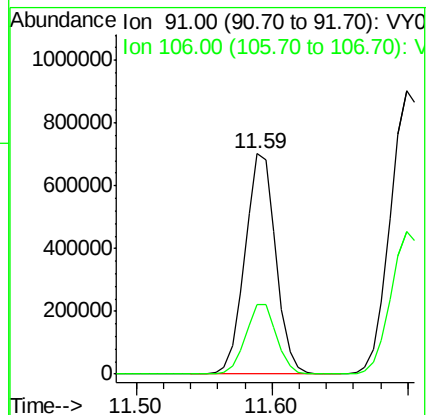
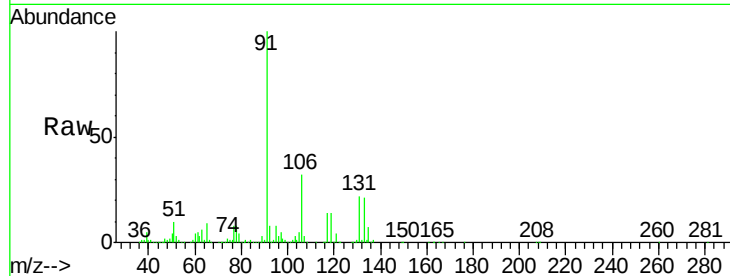
ClientSampleId :

Tot Ion: 91 Resp: 1111015

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 106.907 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003378.D

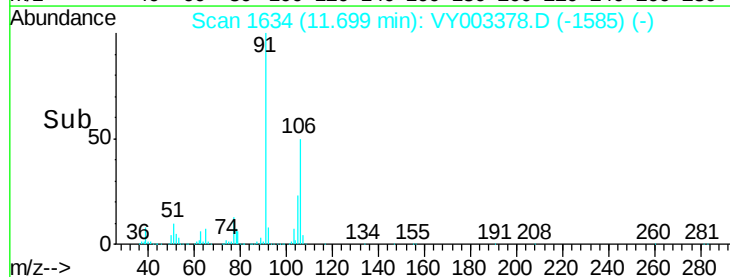
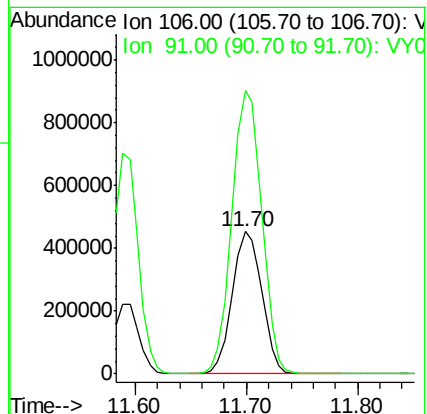
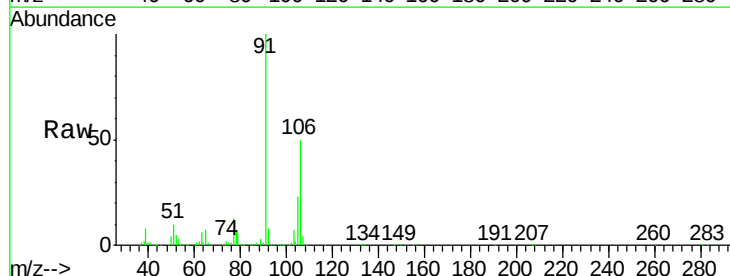
Acq: 28 Jul 2020 16:38

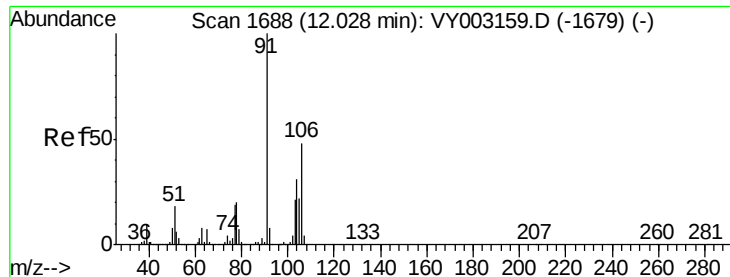
Tgt Ion: 106 Resp: 833796

Ion Ratio Lower Upper

106 100

91 201.5 159.0 238.6

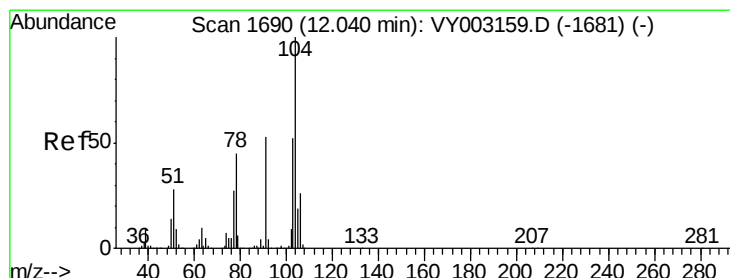
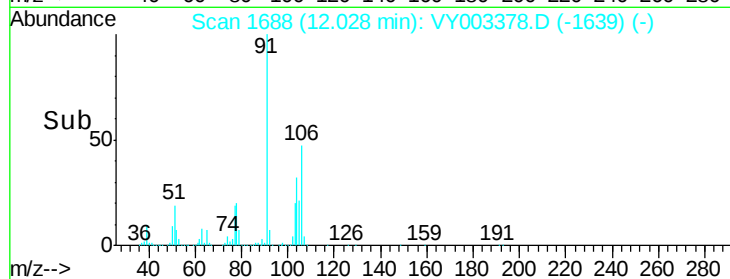
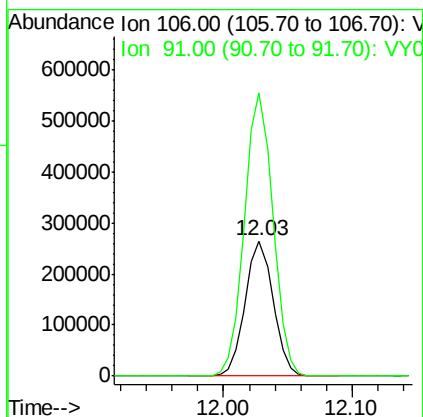
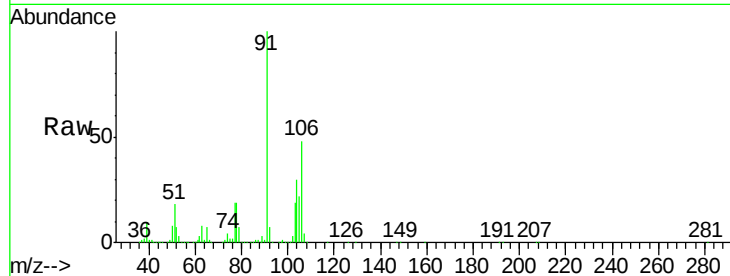




#69
o-Xylene
Concen: 54.649 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

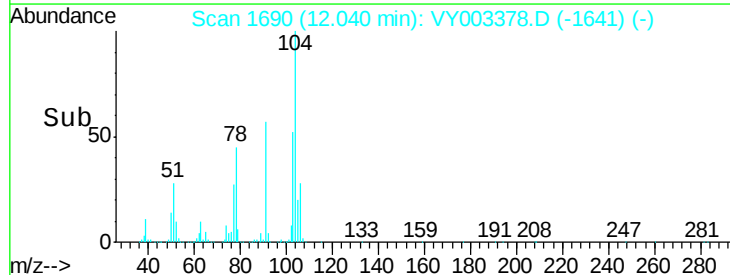
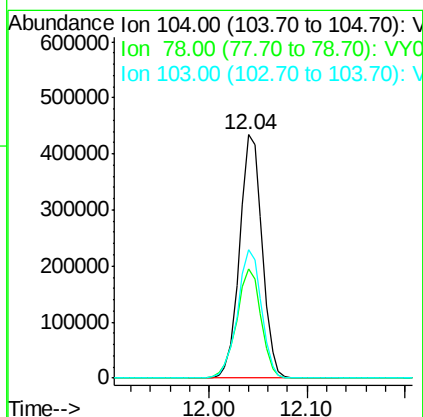
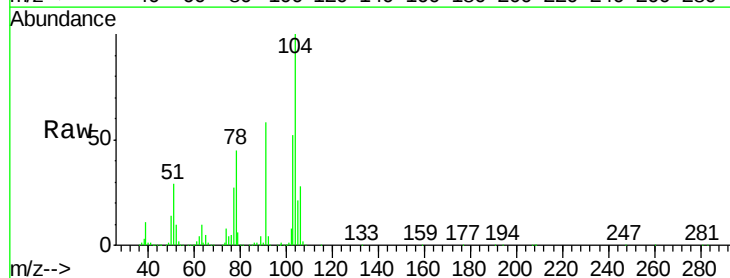
Instrument :
MSVOA_Y
ClientSampled :

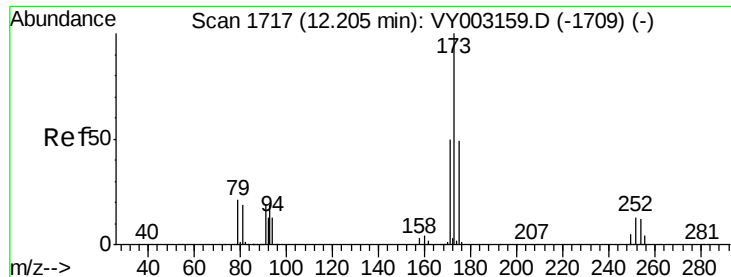
Tot Ion:106 Resp: 398189
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.1



#70
Styrene
Concen: 55.573 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:104 Resp: 692681
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 56.0 43.9 65.9





#71

Bromoform

Concen: 54.229 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

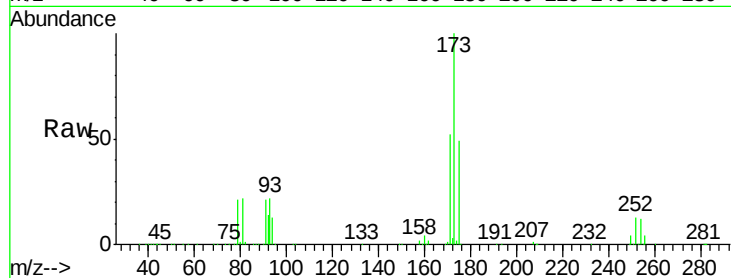
Tot Ion:173 Resp: 159146

Ion Ratio Lower Upper

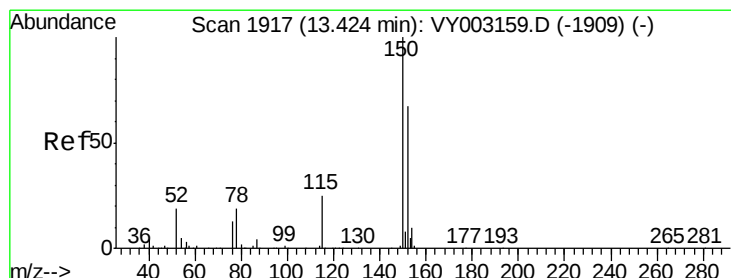
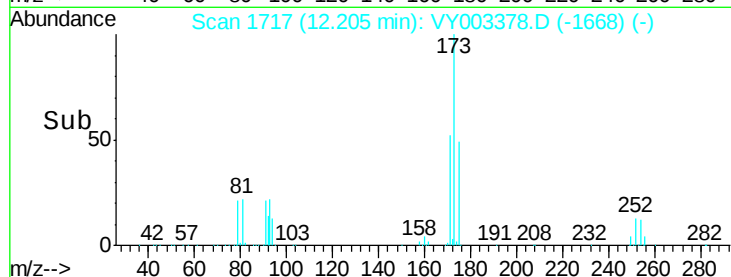
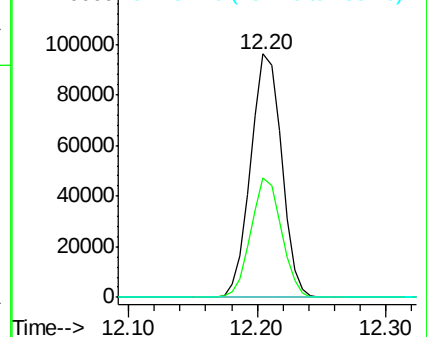
173 100

175 48.4 24.3 73.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

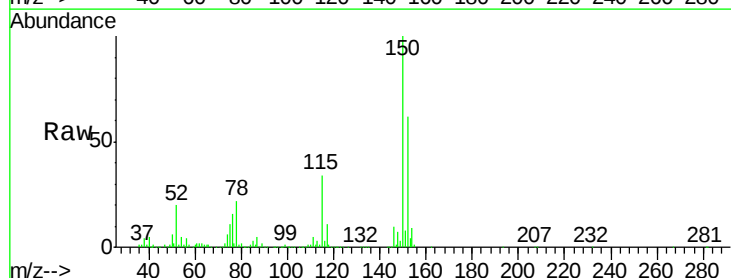
Tgt Ion:152 Resp: 315612

Ion Ratio Lower Upper

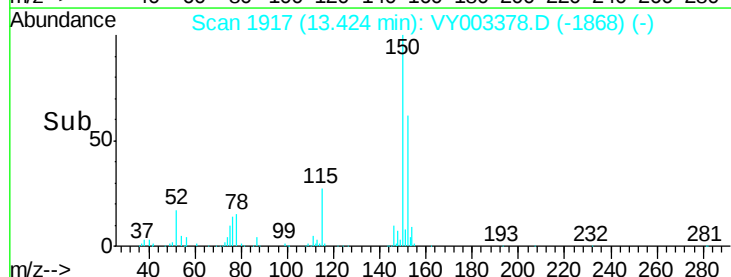
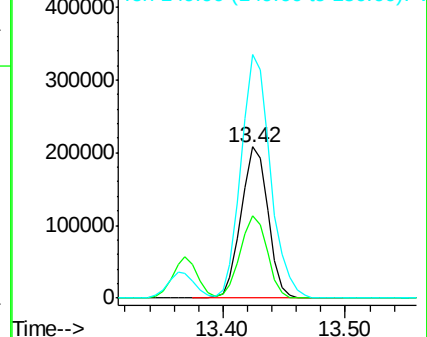
152 100

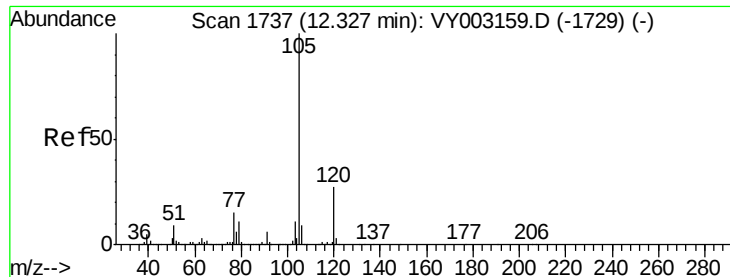
115 54.7 26.9 80.7

150 176.0 0.0 338.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.624 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

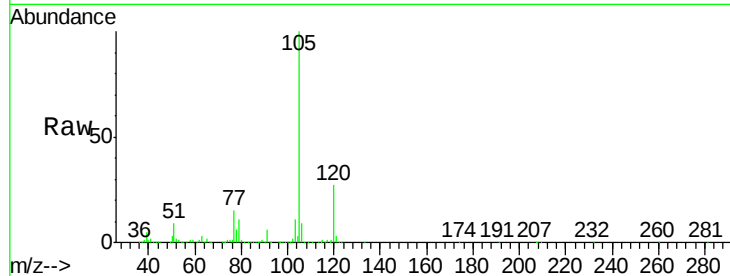
ClientSampleId :

Tot Ion:105 Resp: 1098657

Ion Ratio Lower Upper

105 100

120 26.7 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

800000

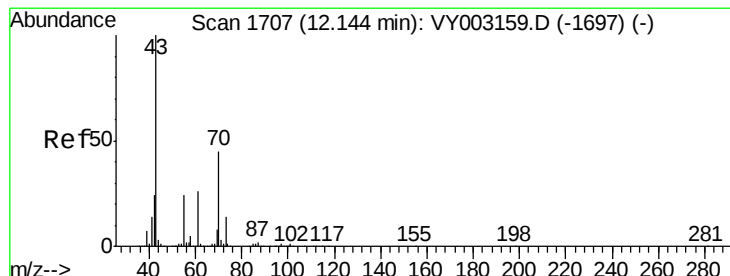
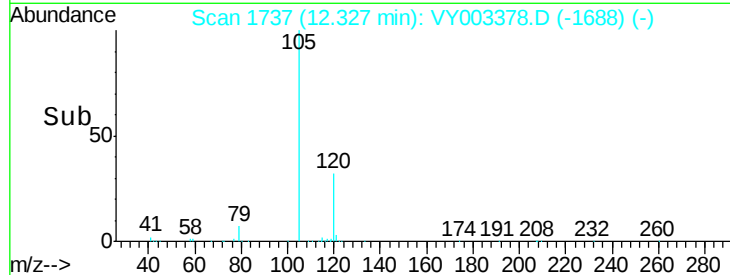
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 56.203 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Tgt Ion: 43 Resp: 317177

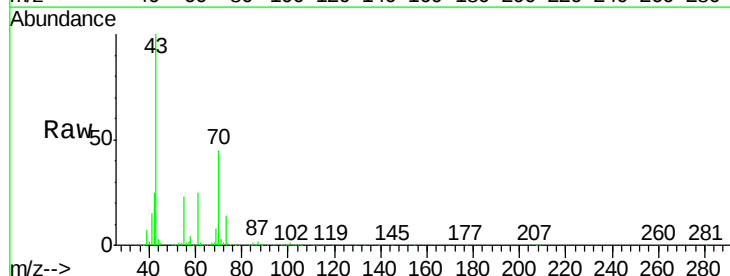
Ion Ratio Lower Upper

43 100

70 43.9 35.6 53.4

55 24.1 19.4 29.2

61 25.3 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

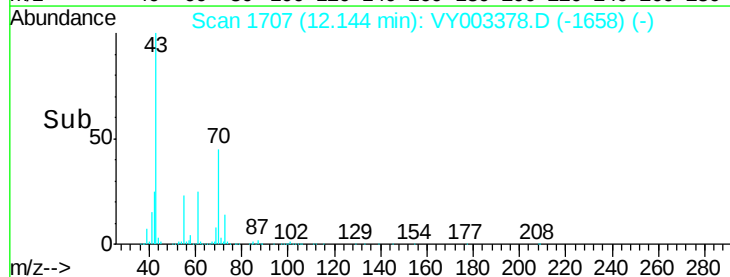
300000

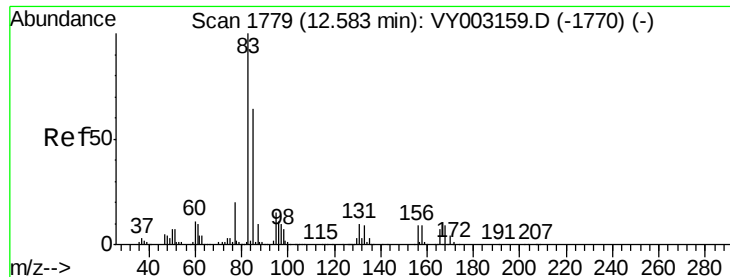
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.396 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

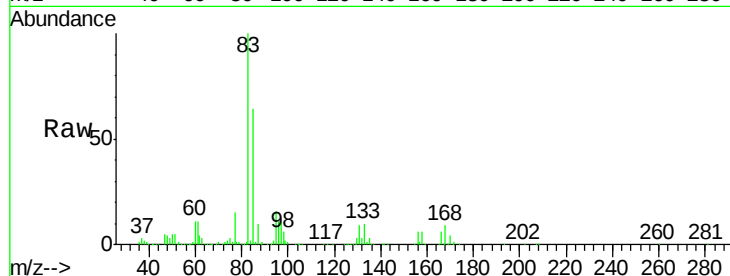
Tot Ion: 83 Resp: 219071

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

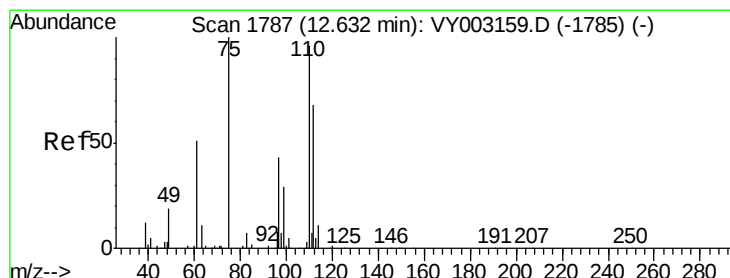
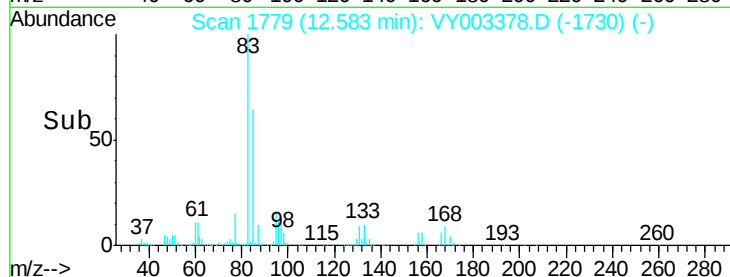
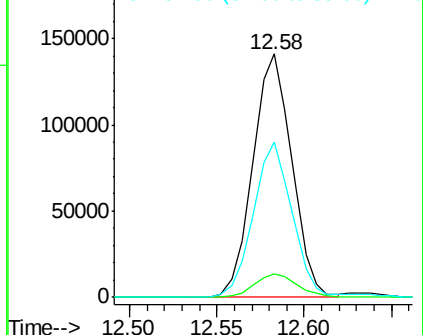
85 62.8 32.0 96.0



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: 104.402 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003378.D

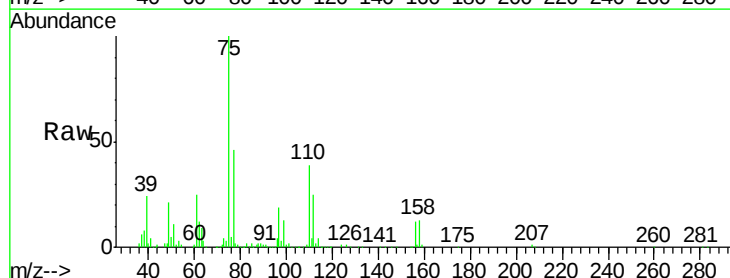
Acq: 28 Jul 2020 16:38

Tgt Ion: 75 Resp: 291669

Ion Ratio Lower Upper

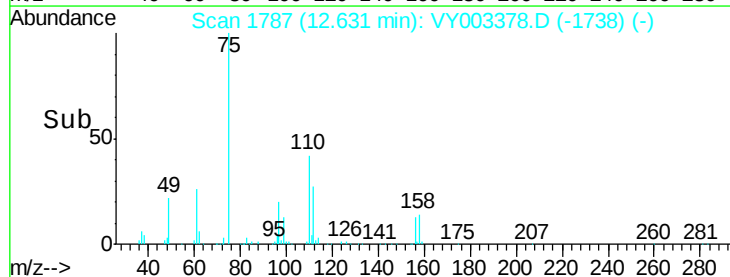
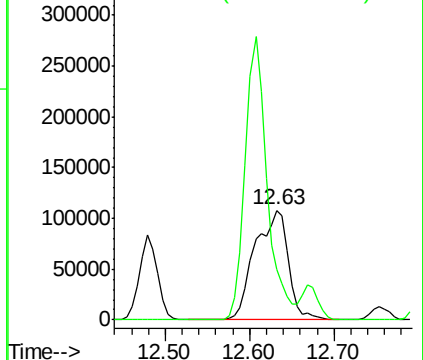
75 100

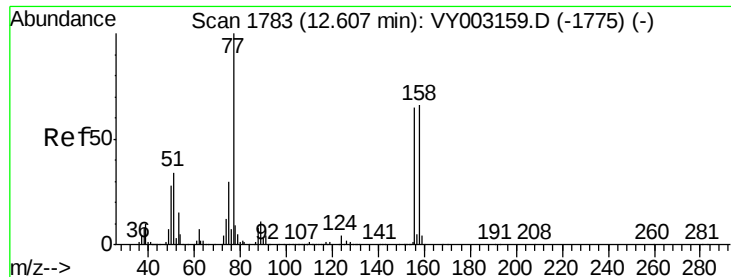
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.007 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

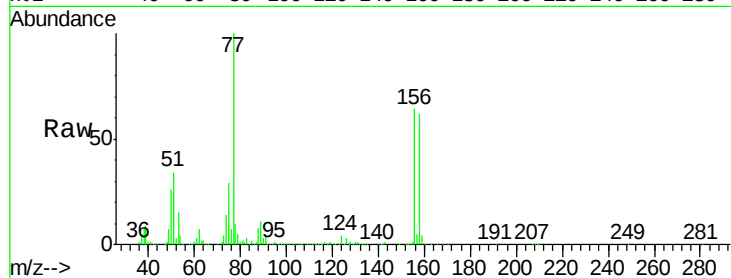
Tot Ion:156 Resp: 276887

Ion Ratio Lower Upper

156 100

77 175.0 86.6 259.7

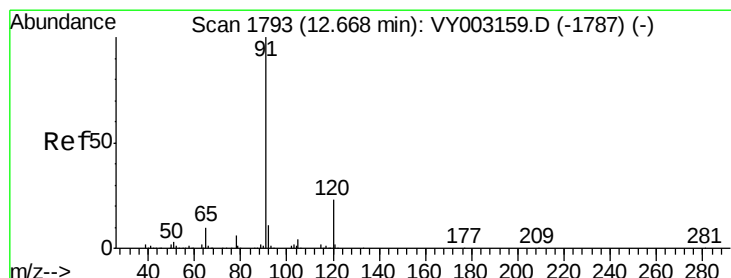
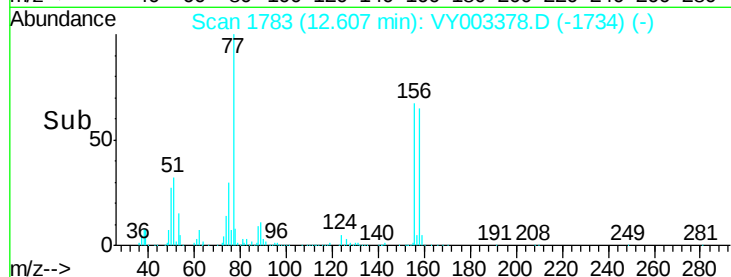
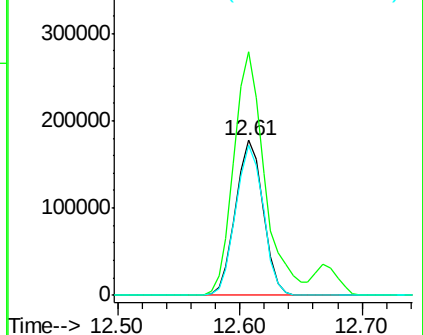
158 97.0 49.4 148.0



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: 55.002 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003378.D

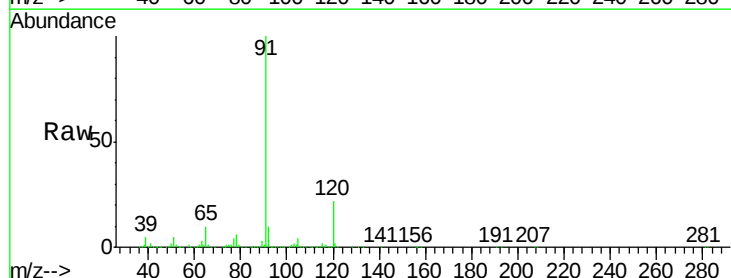
Acq: 28 Jul 2020 16:38

Tgt Ion: 91 Resp: 1303993

Ion Ratio Lower Upper

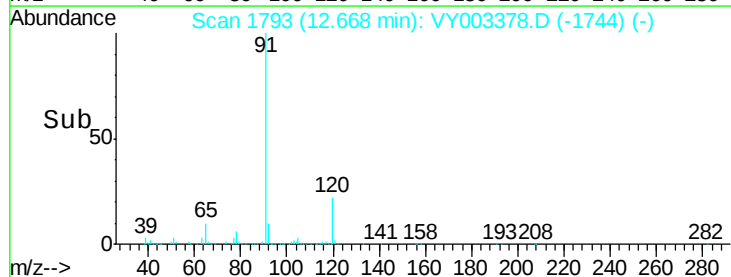
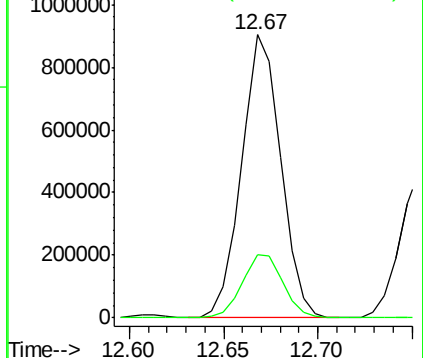
91 100

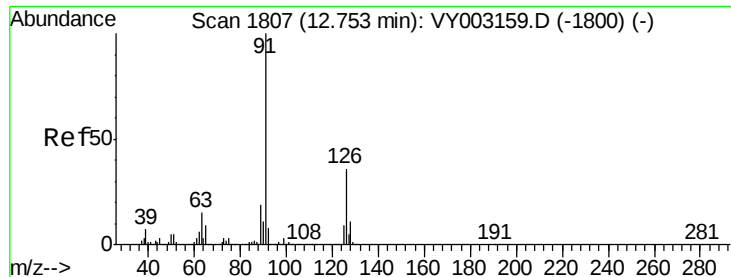
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

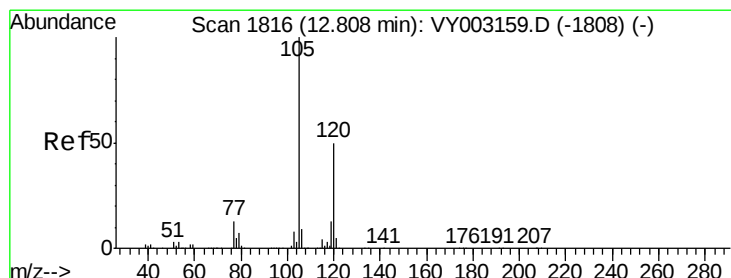
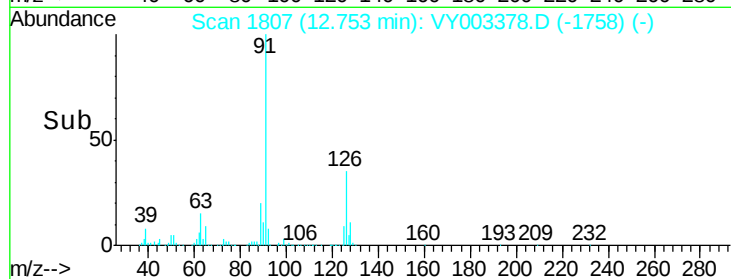
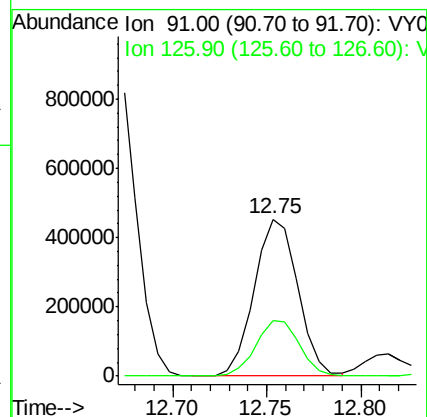
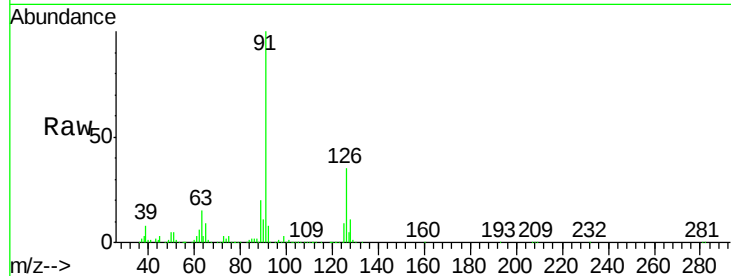




#79
2-Chlorotoluene
Concen: 54.950 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

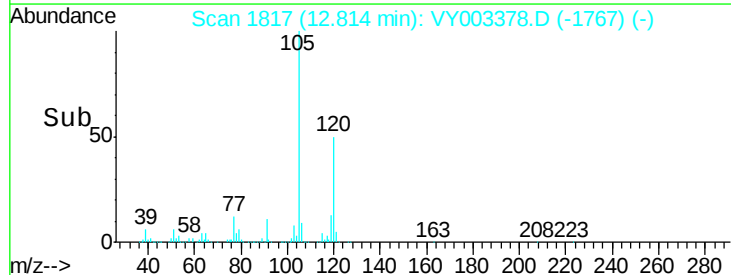
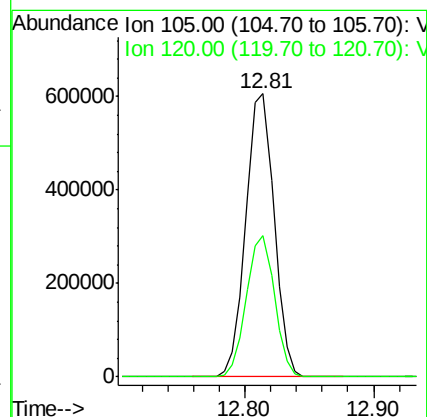
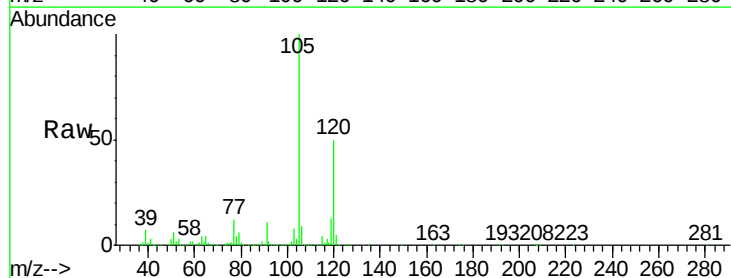
Instrument :
MSVOA_Y
ClientSampleId :

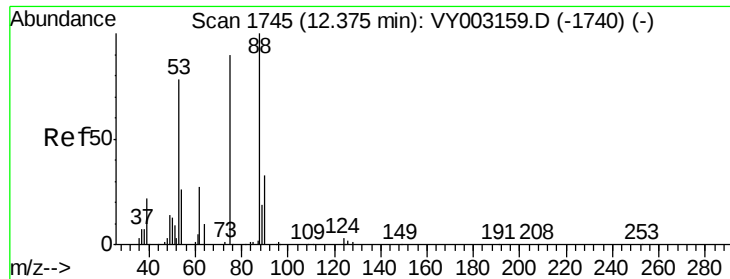
Tot Ion: 91 Resp: 726858
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 54.767 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 105 Resp: 918075
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.854 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

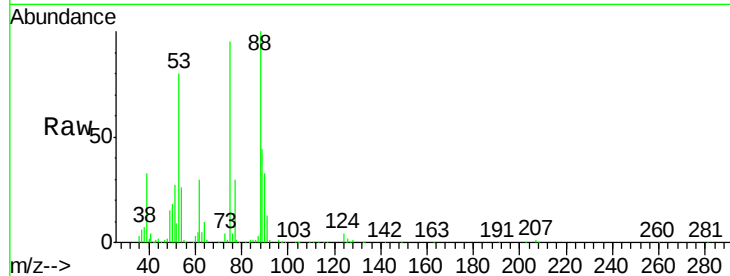
Tot Ion: 75 Resp: 80177

Ion Ratio Lower Upper

75 100

53 85.2 72.0 108.0

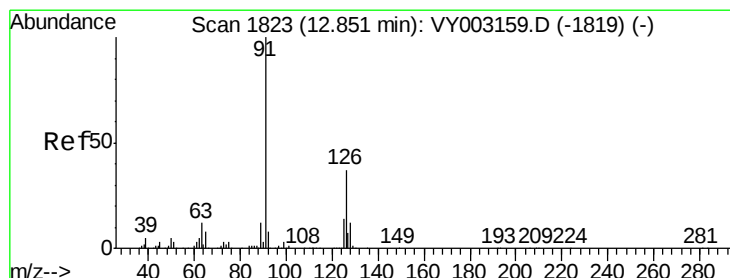
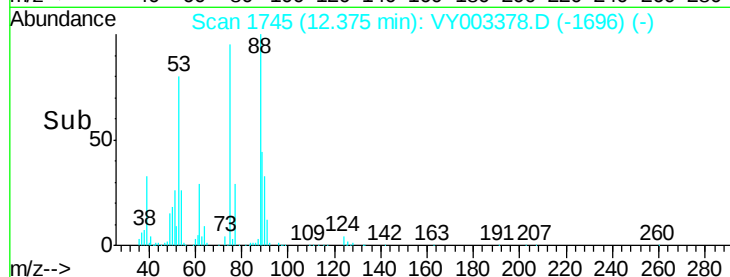
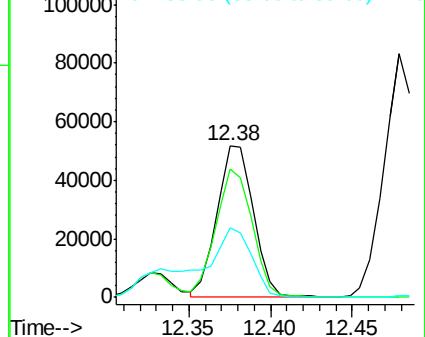
89 45.3 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 54.690 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003378.D

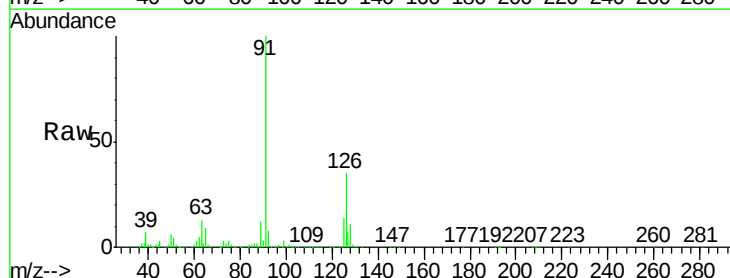
Acq: 28 Jul 2020 16:38

Tgt Ion: 91 Resp: 755074

Ion Ratio Lower Upper

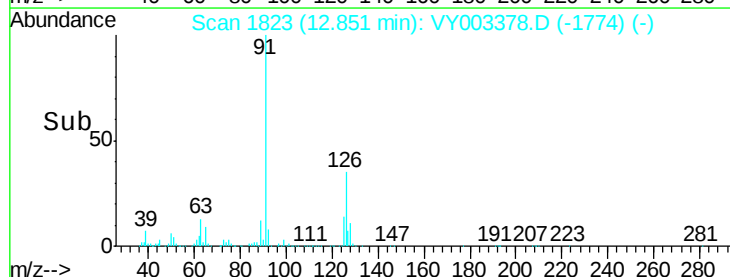
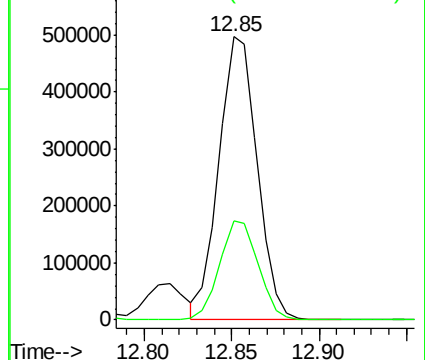
91 100

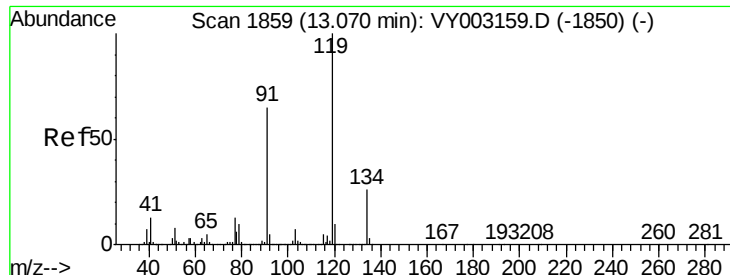
126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 55.463 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

ClientSampleId :

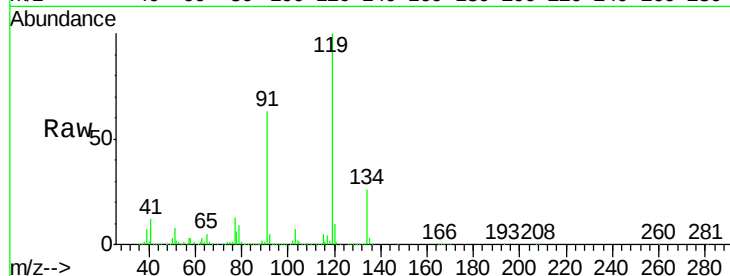
Tot Ion:119 Resp: 820360

Ion Ratio Lower Upper

119 100

91 61.4 30.8 92.4

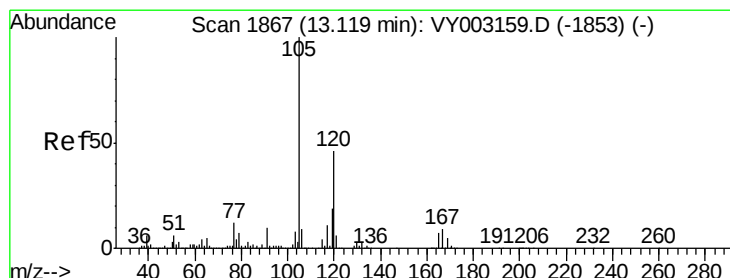
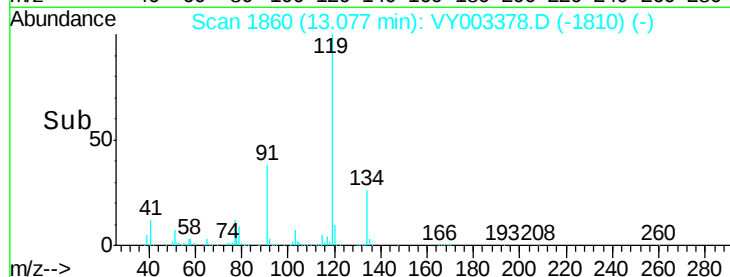
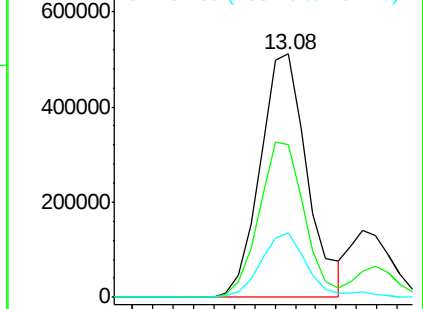
134 26.6 13.2 39.6



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: 54.973 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003378.D

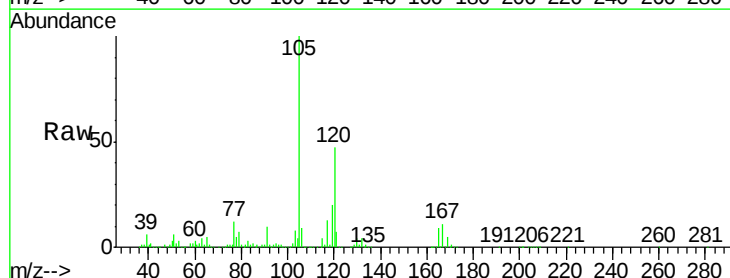
Acq: 28 Jul 2020 16:38

Tgt Ion:105 Resp: 927198

Ion Ratio Lower Upper

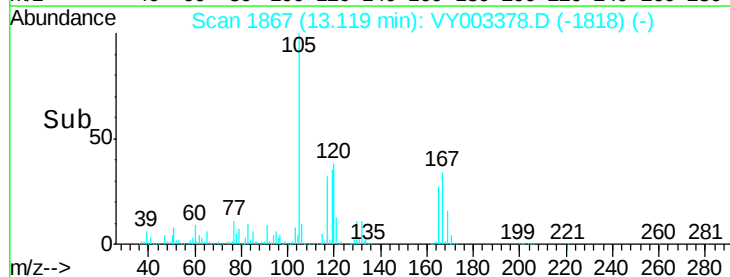
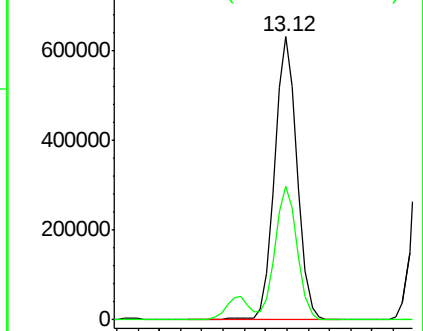
105 100

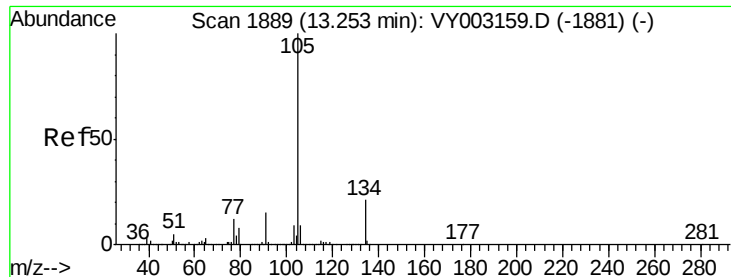
120 46.3 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.331 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

Instrument :

MSVOA_Y

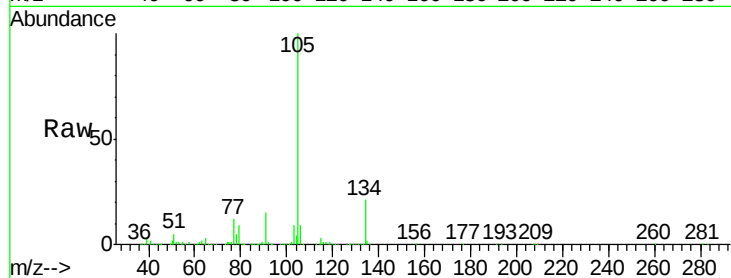
ClientSampleId :

Tot Ion:105 Resp: 1124871

Ion Ratio Lower Upper

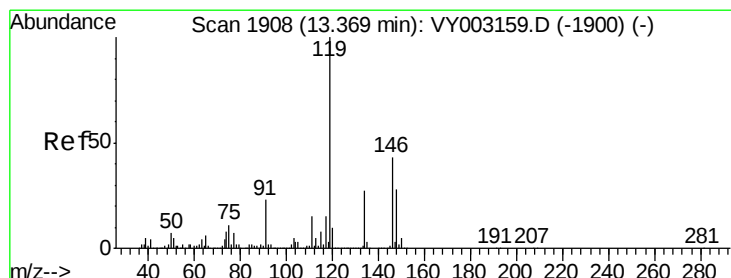
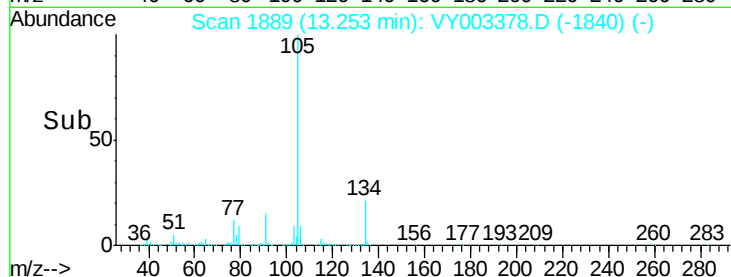
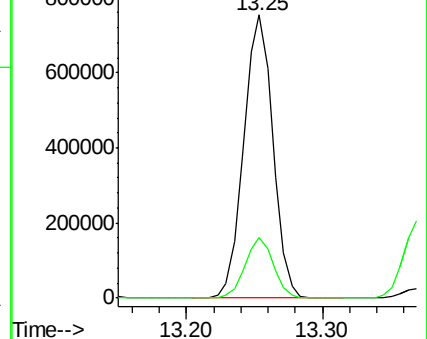
105 100

134 20.7 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: 54.634 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003378.D

Acq: 28 Jul 2020 16:38

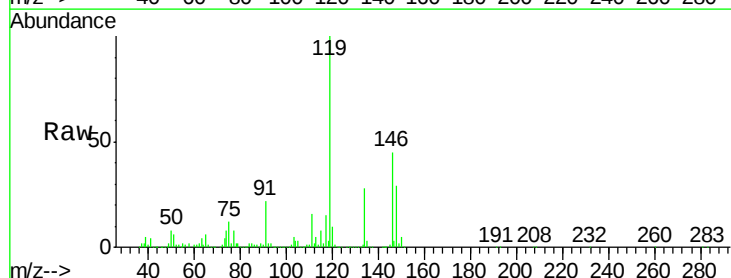
Tgt Ion:119 Resp: 1037073

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

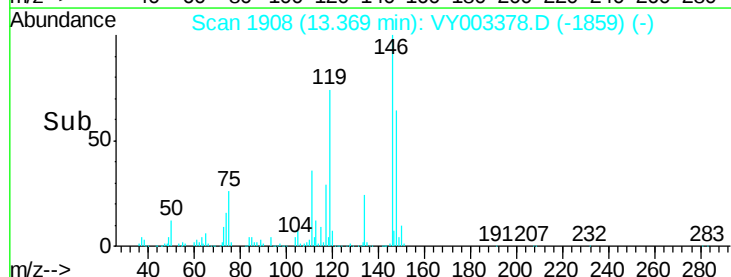
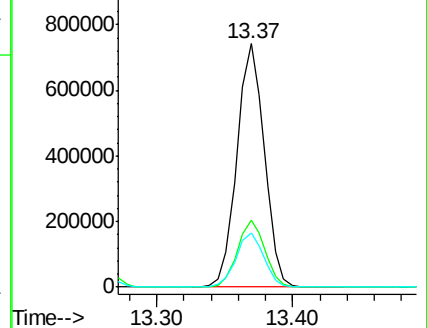
91 22.4 11.2 33.6

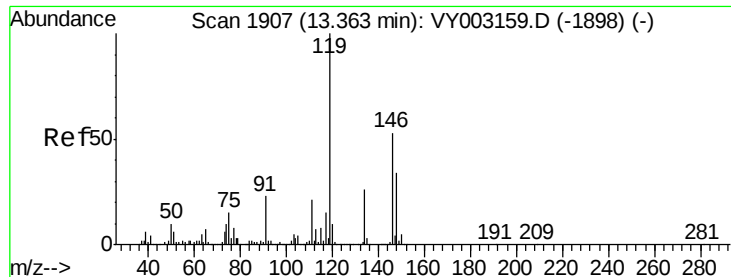


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

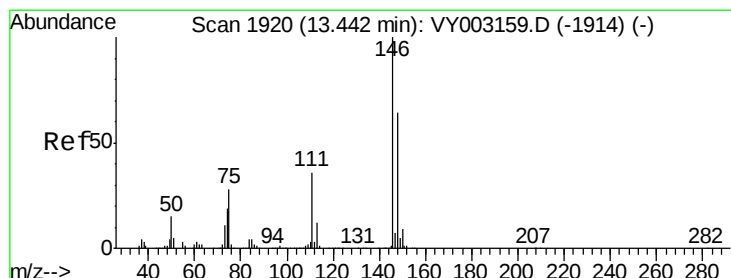
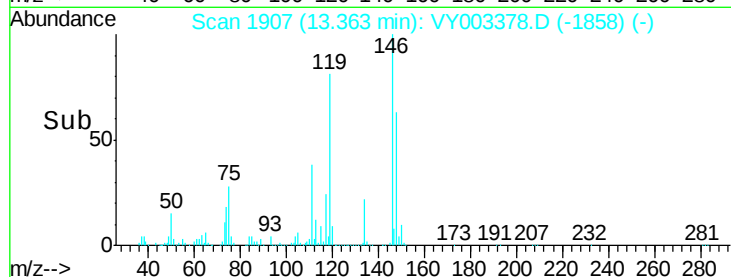
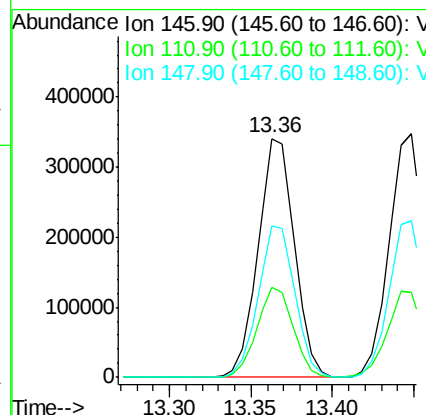
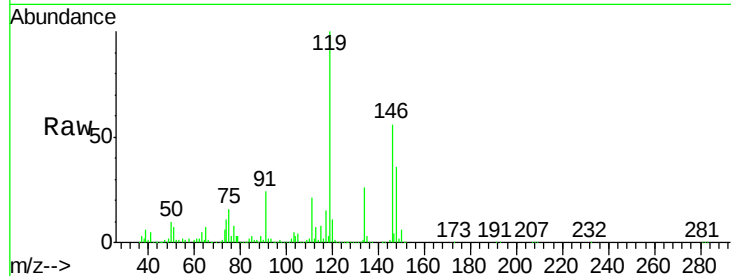




#87
 1,3-Dichlorobenzene
 Concen: 54.538 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

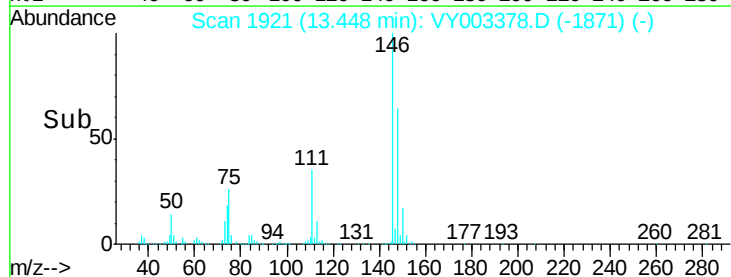
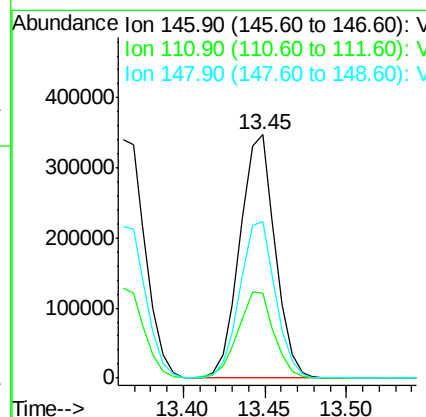
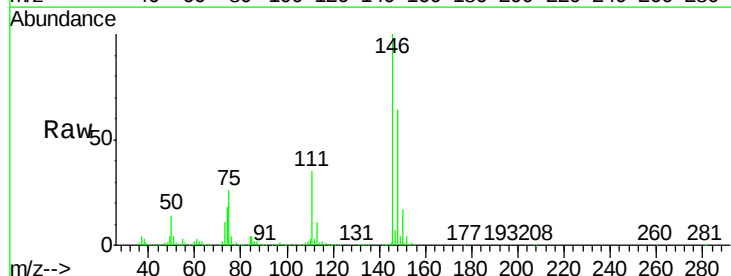
Instrument :
 MSVOA_Y
 ClientSampleId :

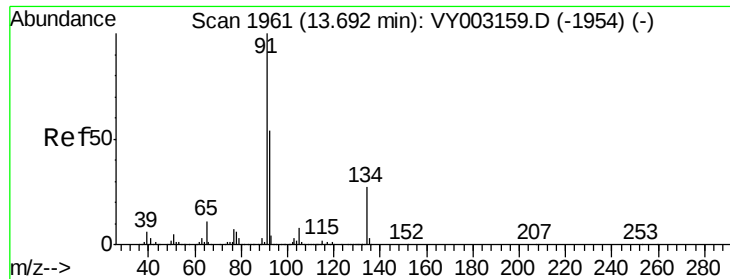
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	63.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 54.418 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	65.1	32.0	96.0

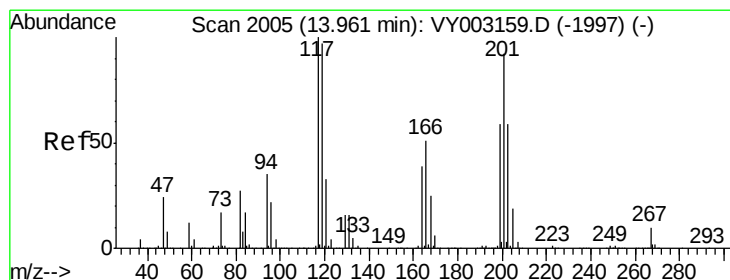
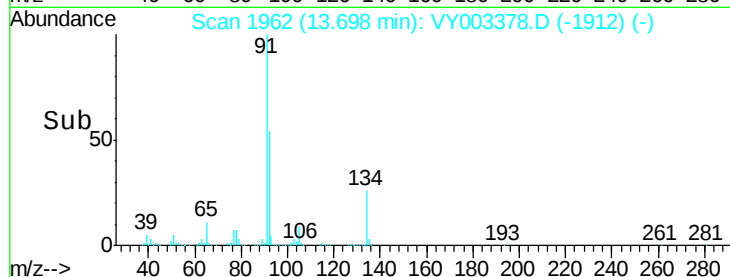
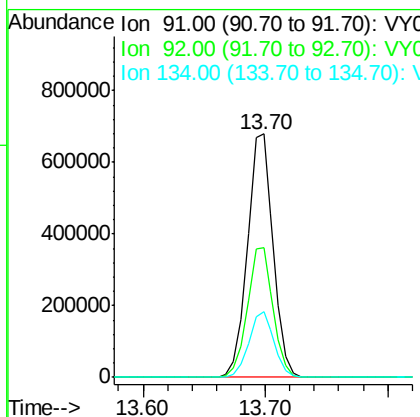
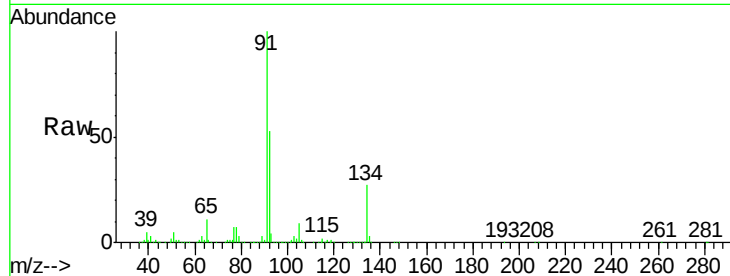




#89
n-Butylbenzene
Concen: 55.282 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

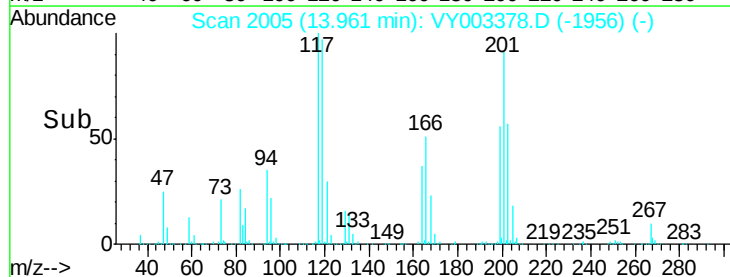
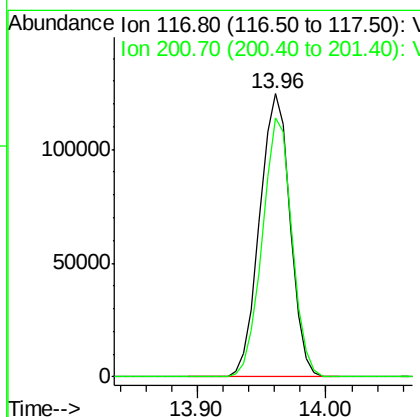
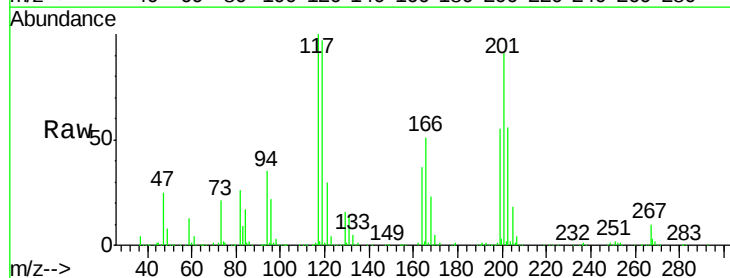
Instrument :
MSVOA_Y
ClientSampled :

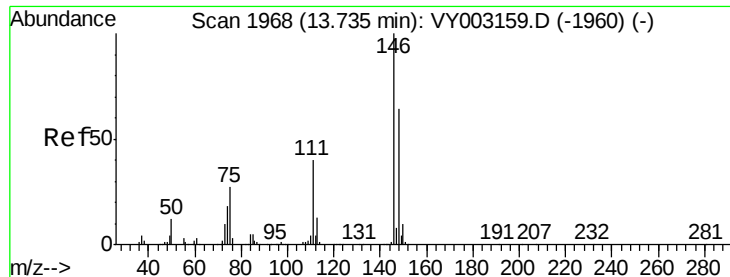
Tot Ion: 91 Resp: 987043
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 58.762 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion: 117 Resp: 203131
Ion Ratio Lower Upper
117 100
201 89.0 45.1 135.3

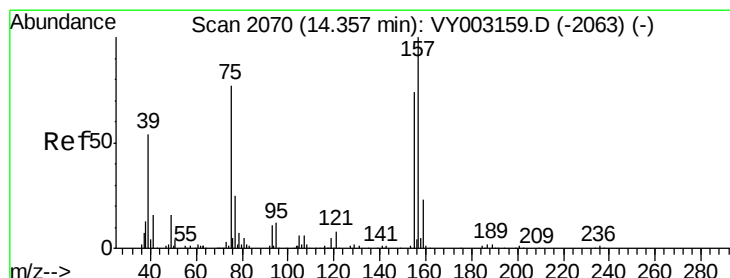
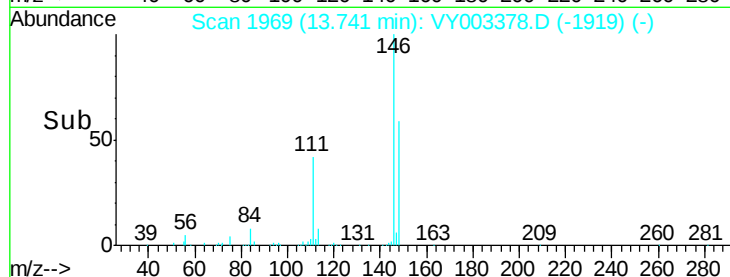
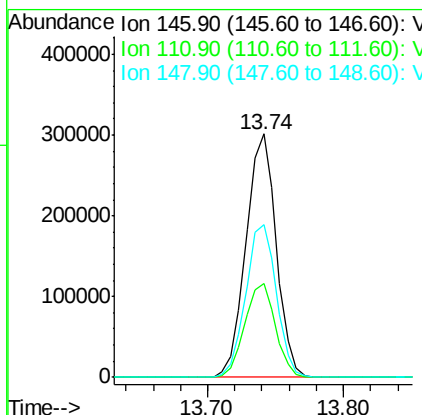
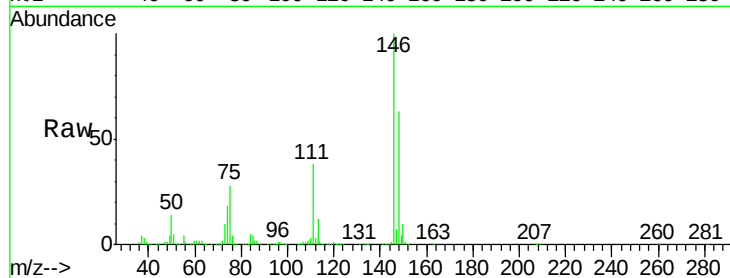




#91
 1,2-Dichlorobenzene
 Concen: 55.180 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

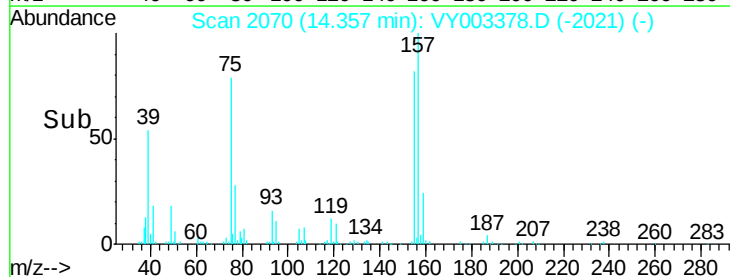
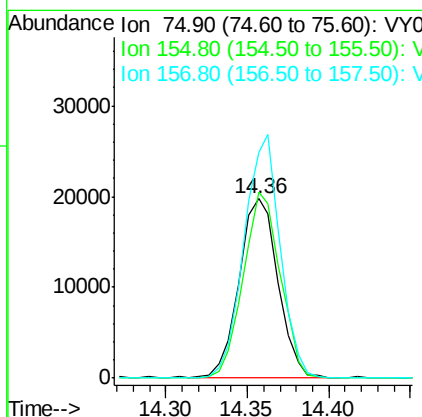
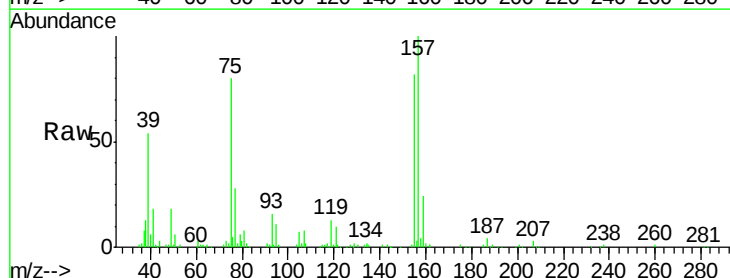
Instrument :
 MSVOA_Y
 ClientSampleId :

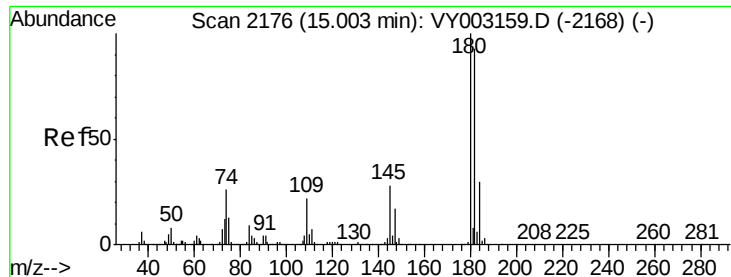
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	63.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.657 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	48.1	144.3
157	127.2	61.9	185.6

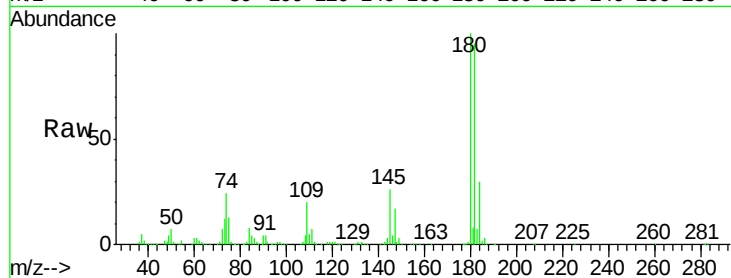




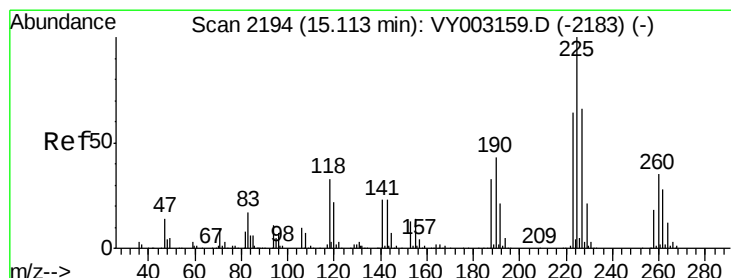
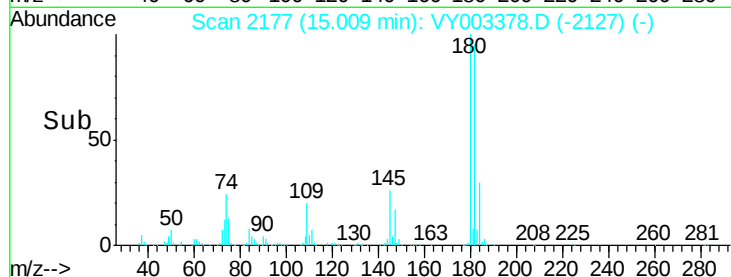
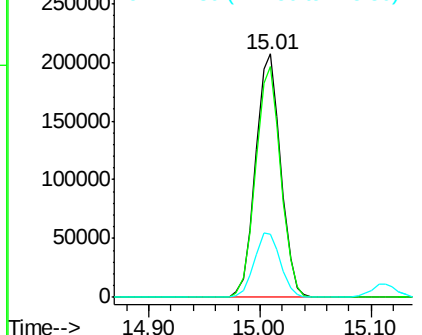
#93
 1,2,4-Trichlorobenzene
 Concen: 53.777 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	27.5	13.7	41.1

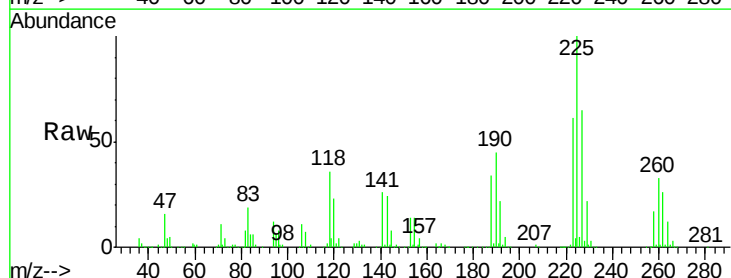


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

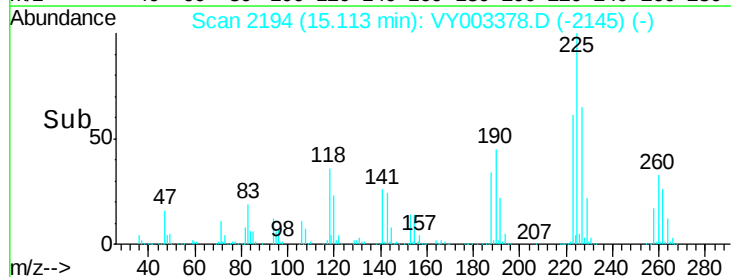
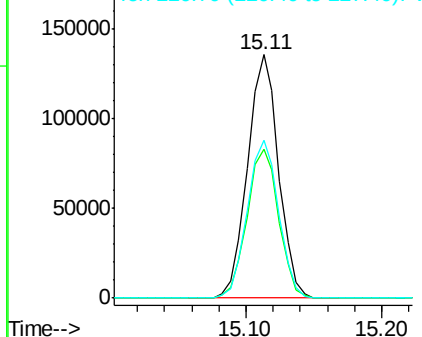


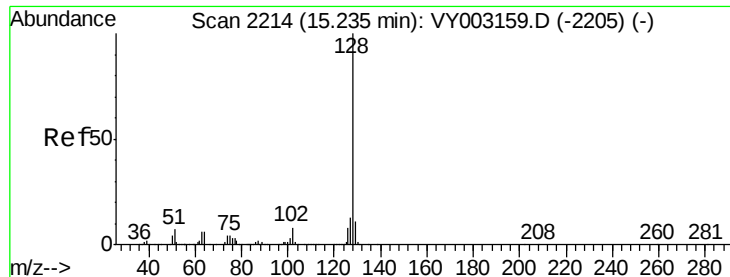
#94
 Hexachlorobutadiene
 Concen: 52.024 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003378.D
 Acq: 28 Jul 2020 16:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	94.7
227	65.6	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

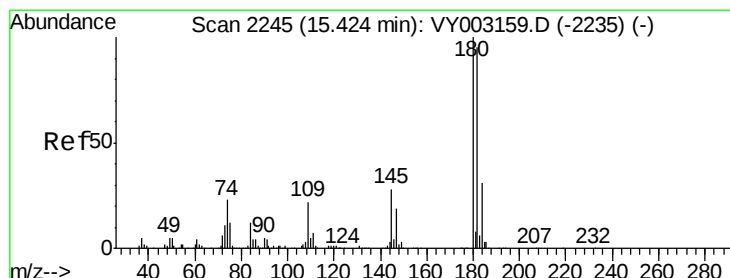
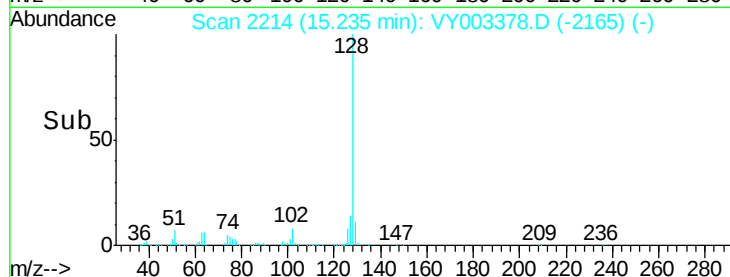
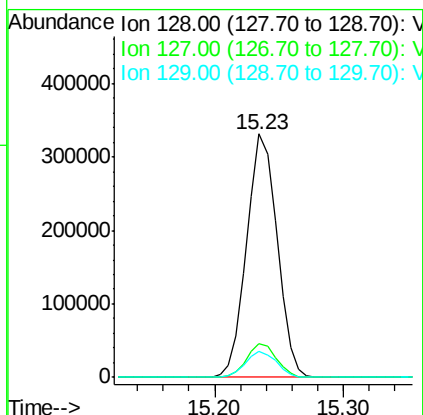
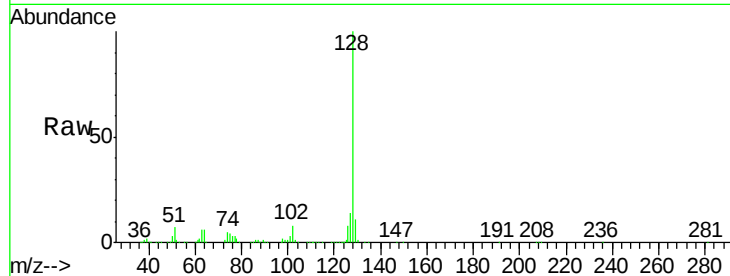




#95
Naphthalene
Concen: 54.162 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 541789
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 54.296 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003378.D
Acq: 28 Jul 2020 16:38

Tgt Ion:180 Resp: 259785
Ion Ratio Lower Upper
180 100
182 95.4 48.8 146.3
145 29.4 14.9 44.5

