

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003276.D
 Acq On : 22 Jul 2020 02:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 22 02:51:10 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	384090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	600796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	570517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	177858	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.72	113	170348	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.18	98	612051	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	224610	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	105944	38.485	ug/l	98
3) Chloromethane	2.11	50	170415	44.629	ug/l	99
4) Vinyl Chloride	2.26	62	169304	43.214	ug/l	99
5) Bromomethane	2.65	94	150534	51.729	ug/l	95
6) Chloroethane	2.80	64	117037	45.482	ug/l	100
7) Trichlorofluoromethane	3.13	101	247459	44.228	ug/l	97
8) Diethyl Ether	3.54	74	103045	54.961	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	152413	45.104	ug/l	98
10) Methyl Iodide	4.10	142	141980	38.674	ug/l	99
11) Tert butyl alcohol	4.96	59	92823	264.794	ug/l	99
12) 1,1-Dichloroethene	3.88	96	149457	46.762	ug/l	99
13) Acrolein	3.74	56	38493	126.511	ug/l	97
14) Allyl chloride	4.49	41	257605	54.318	ug/l	95
15) Acrylonitrile	5.18	53	270586	300.446	ug/l	100
16) Acetone	3.96	43	200851	277.367	ug/l	95
17) Carbon Disulfide	4.20	76	445383	45.412	ug/l	99
18) Methyl Acetate	4.49	43	127477	63.390	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	501506	55.992	ug/l	96
20) Methylene Chloride	4.72	84	199964	55.487	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	175209	48.467	ug/l	99
22) Diisopropyl ether	6.13	45	617149	58.634	ug/l	97
23) Vinyl Acetate	6.07	43	2027355	288.983	ug/l	99
24) 1,1-Dichloroethane	6.03	63	328344	53.845	ug/l	99
25) 2-Butanone	6.99	43	355314	298.844	ug/l	100
26) 2,2-Dichloropropane	6.99	77	245031	44.619	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	211550	53.151	ug/l	98
28) Bromochloromethane	7.34	49	154147	58.387	ug/l	98
29) Tetrahydrofuran	7.35	42	242566	303.692	ug/l	95
30) Chloroform	7.51	83	341320	54.346	ug/l	95
31) Cyclohexane	7.79	56	263279	44.649	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	284152	50.256	ug/l	98
36) 1,1-Dichloropropene	7.92	75	239395	43.964	ug/l	100
37) Ethyl Acetate	7.08	43	157880	53.840	ug/l	98
38) Carbon Tetrachloride	7.91	117	248910	44.279	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	284978	41.661	ug/l	96
40) Benzene	8.17	78	732043	48.825	ug/l	95
41) Methacrylonitrile	7.35	41	218020	123.447	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	234473	50.798	ug/l	100
43) Isopropyl Acetate	8.28	43	307439	54.164	ug/l	98
44) Trichloroethene	8.94	130	212307	46.192	ug/l	97
45) 1,2-Dichloropropane	9.22	63	198764	51.234	ug/l	99
46) Dibromomethane	9.31	93	117230	51.736	ug/l	97
47) Bromodichloromethane	9.50	83	275434	51.109	ug/l	98
48) Methyl methacrylate	9.30	41	138273	54.491	ug/l	96
49) 1,4-Dioxane	9.30	88	30732	1068.634	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	814716	276.152	ug/l	98
52) Toluene	10.24	92	464085	48.427	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	283542	50.781	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	322308	50.099	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	162786	50.698	ug/l	96
56) Ethyl methacrylate	10.51	69	237228	54.344	ug/l	98
57) 1,3-Dichloropropane	10.79	76	283014	51.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	626365	281.346	ug/l	99
59) 2-Hexanone	10.83	43	570260	276.895	ug/l	98
60) Dibromochloromethane	10.99	129	209614	51.904	ug/l	100
61) 1,2-Dibromoethane	11.09	107	159305	50.269	ug/l	99
64) Tetrachloroethene	10.72	164	222448	43.729	ug/l	98
65) Chlorobenzene	11.52	112	525440	47.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	207826	48.686	ug/l	99
67) Ethyl Benzene	11.59	91	915961	46.676	ug/l	99
68) m/p-Xylenes	11.70	106	693093	93.084	ug/l	100
69) o-Xylene	12.03	106	331587	47.669	ug/l	99
70) Styrene	12.04	104	590321	49.609	ug/l	99
71) Bromoform	12.20	173	140568	50.173	ug/l #	99
73) Isopropylbenzene	12.33	105	882143	44.610	ug/l	100
74) N-amyl acetate	12.14	43	288285	51.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	192918	50.513	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	262706	95.644	ug/l #	100
77) Bromobenzene	12.61	156	238571	47.330	ug/l	99
78) n-propylbenzene	12.67	91	1050953	45.088	ug/l	100
79) 2-Chlorotoluene	12.75	91	600196	46.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	757634	45.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67650	47.934	ug/l	97
82) 4-Chlorotoluene	12.85	91	627919	46.259	ug/l	100
83) tert-Butylbenzene	13.07	119	655623	45.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	771012	46.495	ug/l	97
85) sec-Butylbenzene	13.25	105	899858	45.021	ug/l	100
86) p-Isopropyltoluene	13.37	119	842180	45.127	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	449174	47.123	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	444937	47.147	ug/l	100
89) n-Butylbenzene	13.69	91	783778	44.649	ug/l	99
90) Hexachloroethane	13.96	117	163540	48.119	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	413040	49.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33935	54.807	ug/l	97

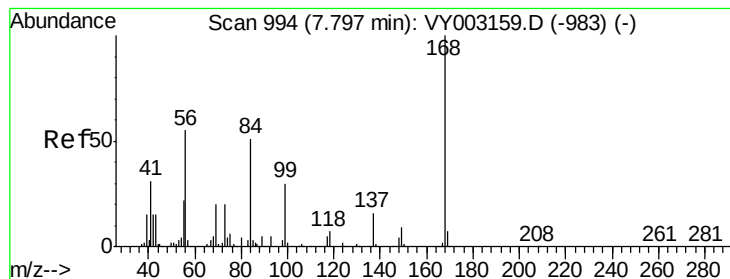
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	296285	49.788	ug/l	99
94) Hexachlorobutadiene	15.11	225	181896	44.608	ug/l	99
95) Naphthalene	15.23	128	584767	59.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	266864	56.730	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: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

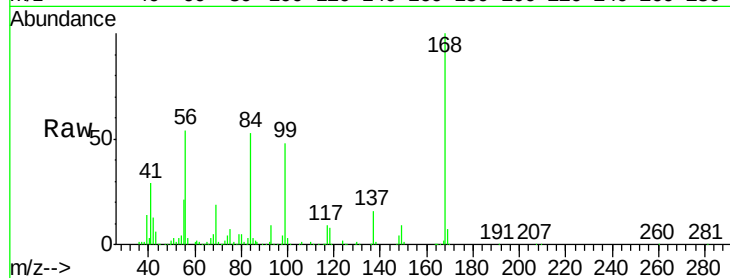
VSTDCCC050EC

Tot Ion:168 Resp: 384090

Ion Ratio Lower Upper

168 100

99 47.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003276.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003276.D (-945) (-)

7.80

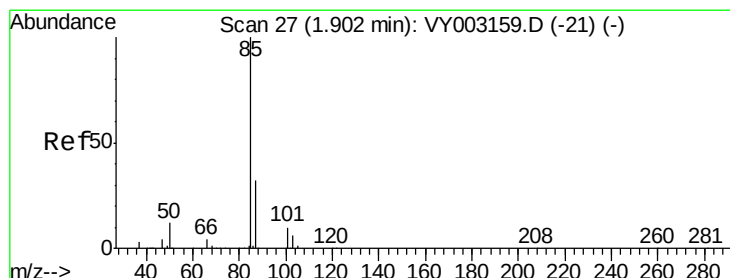
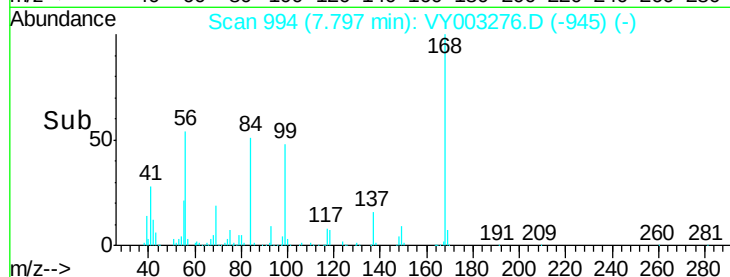
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.485 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003276.D

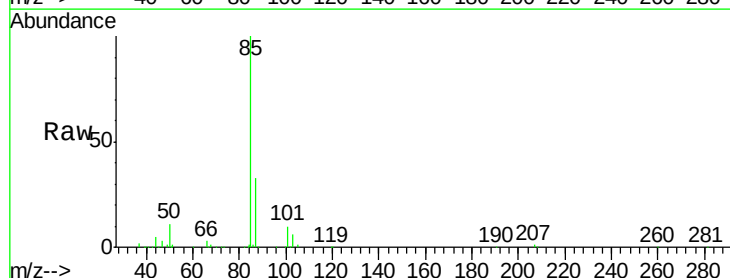
Acq: 22 Jul 2020 02:01

Tgt Ion: 85 Resp: 105944

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003276.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003276.D (-1) (-)

1.90

80000

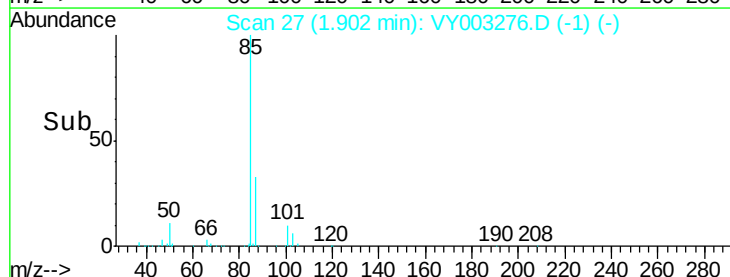
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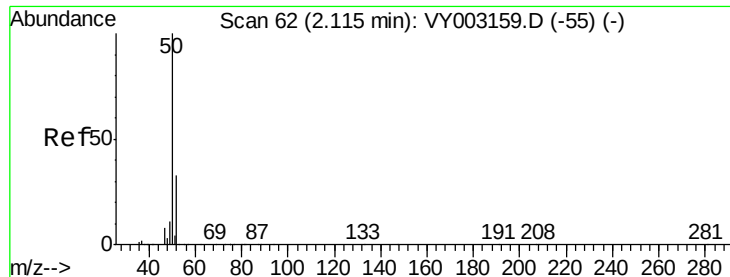
40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.629 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

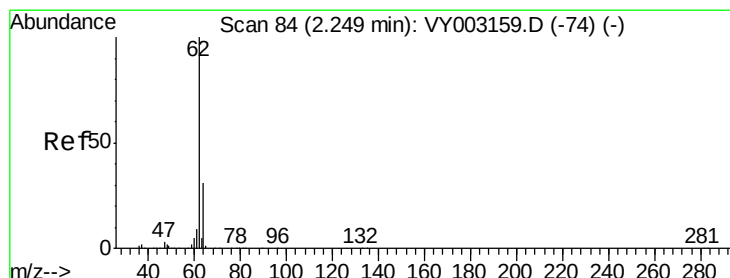
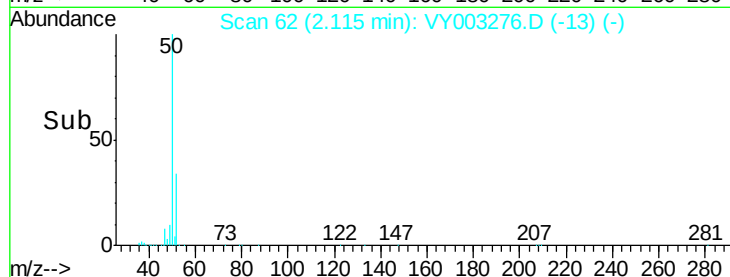
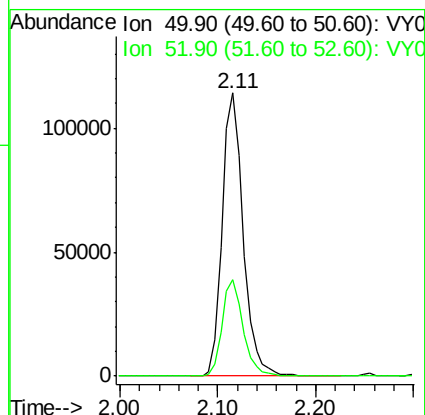
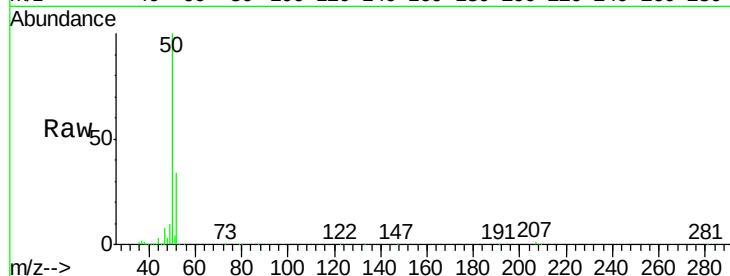
VSTDCCC050EC

Tot Ion: 50 Resp: 170415

Ion Ratio Lower Upper

50 100

52 33.9 26.6 39.8



#4

Vinyl Chloride

Concen: 43.214 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003276.D

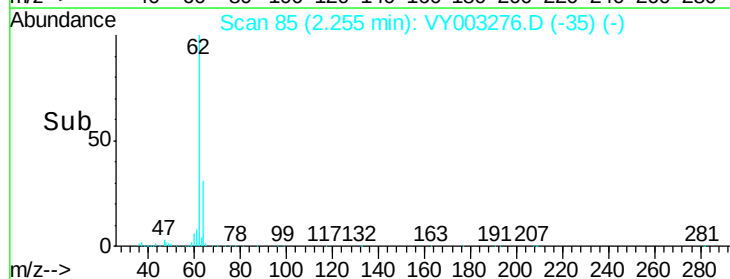
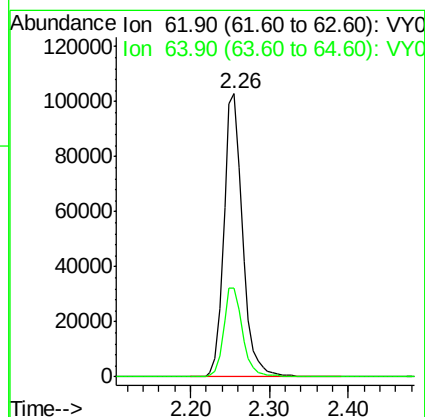
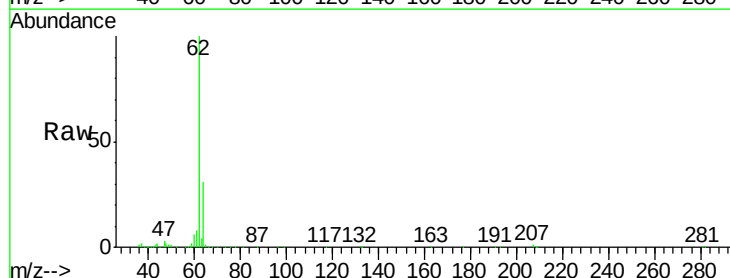
Acq: 22 Jul 2020 02:01

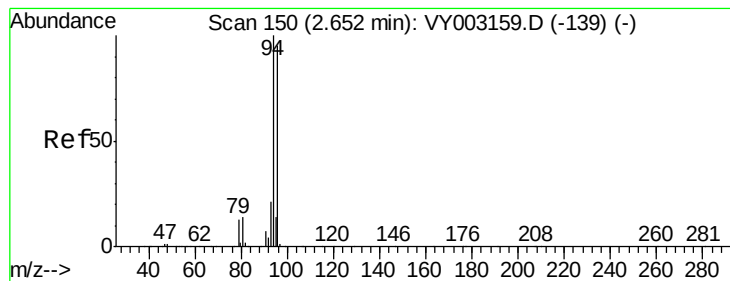
Tgt Ion: 62 Resp: 169304

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 51.729 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

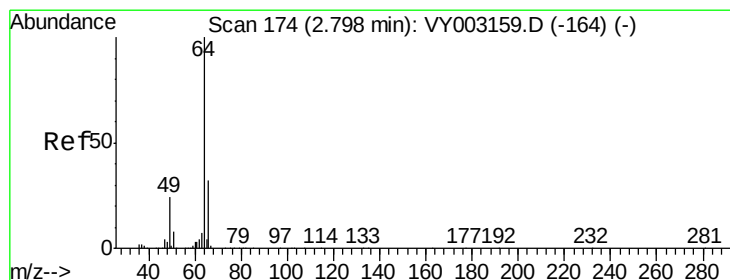
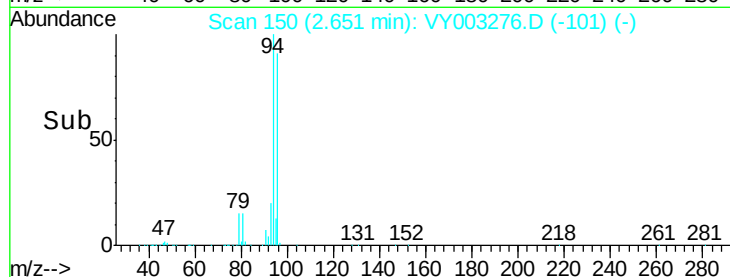
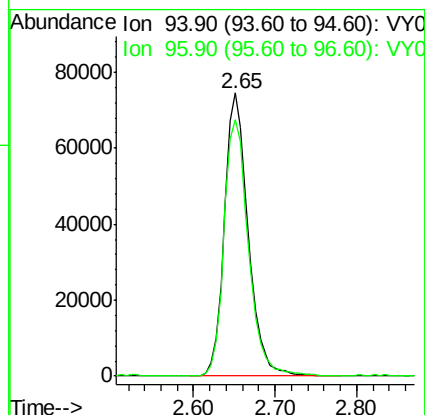
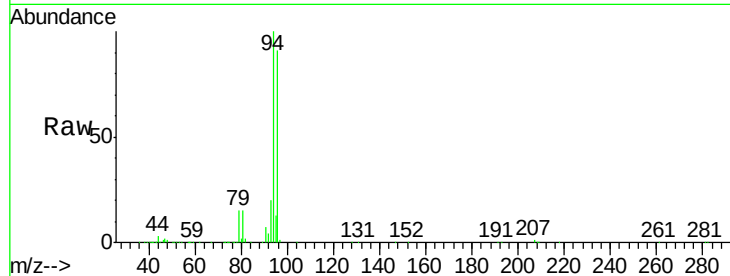
VSTDCCC050EC

Tot Ion: 94 Resp: 150534

Ion Ratio Lower Upper

94 100

96 90.6 76.0 114.0



#6

Chloroethane

Concen: 45.482 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003276.D

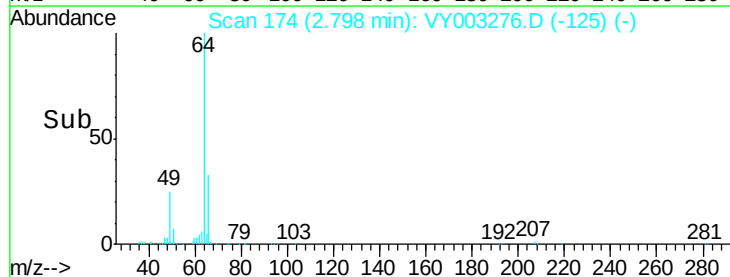
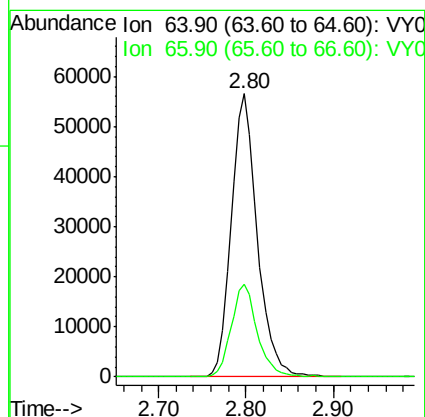
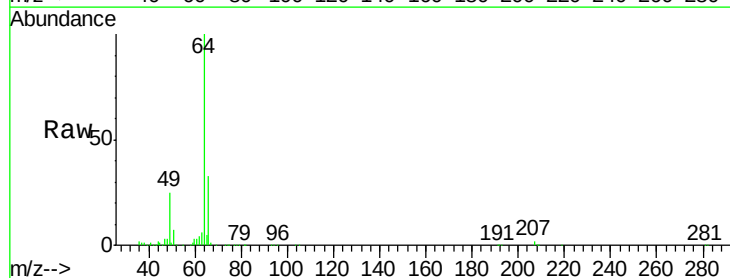
Acq: 22 Jul 2020 02:01

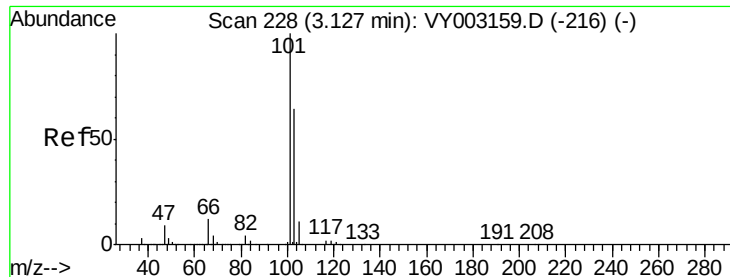
Tgt Ion: 64 Resp: 117037

Ion Ratio Lower Upper

64 100

66 32.7 26.0 39.0



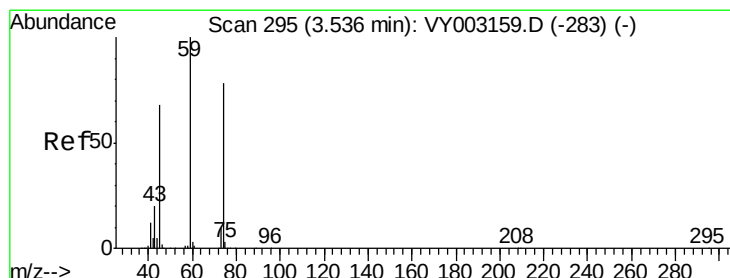
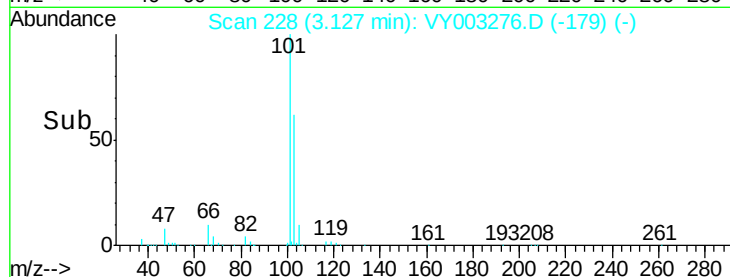
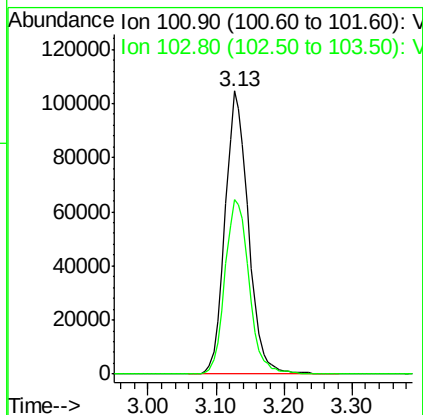
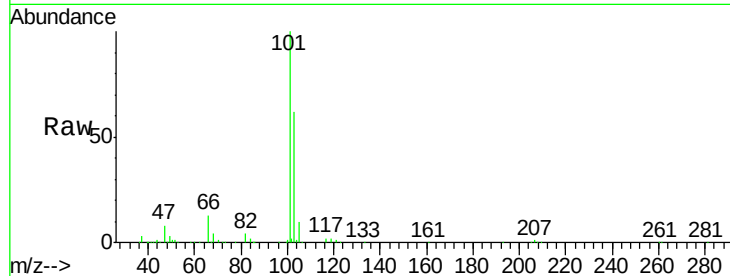


#7

Trichlorofluoromethane
 Concen: 44.228 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003276.D
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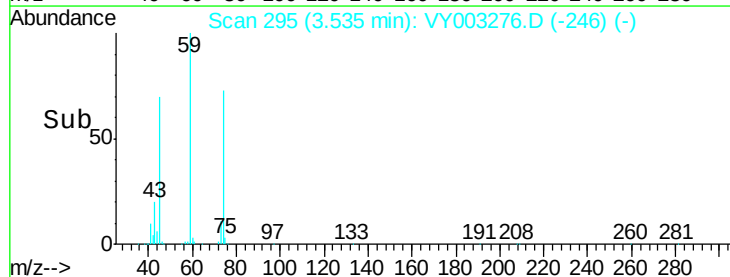
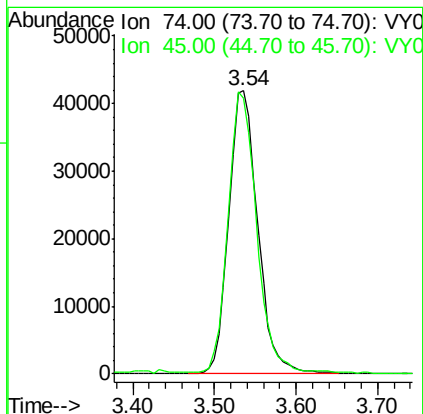
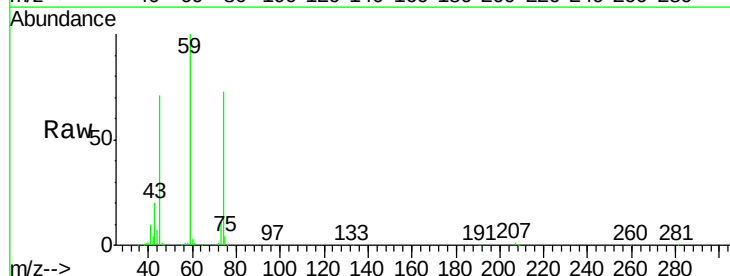
Tot Ion:101 Resp: 247459
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.3 76.9

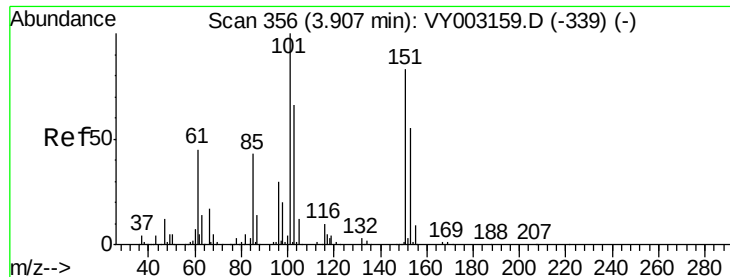


#8

Diethyl Ether
 Concen: 54.961 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 74 Resp: 103045
 Ion Ratio Lower Upper
 74 100
 45 96.4 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.104 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

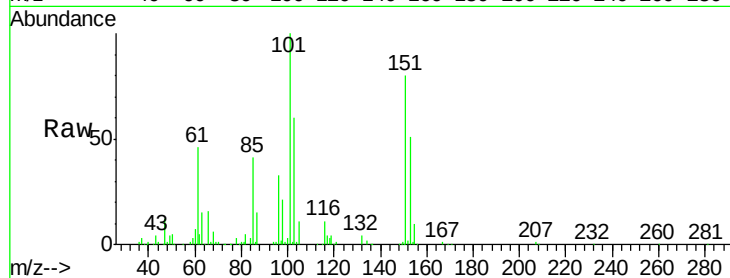
Tot Ion:101 Resp: 152413

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

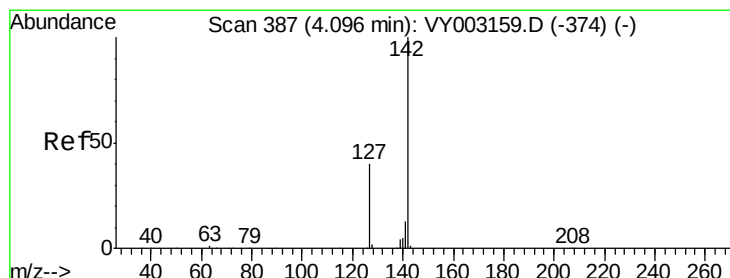
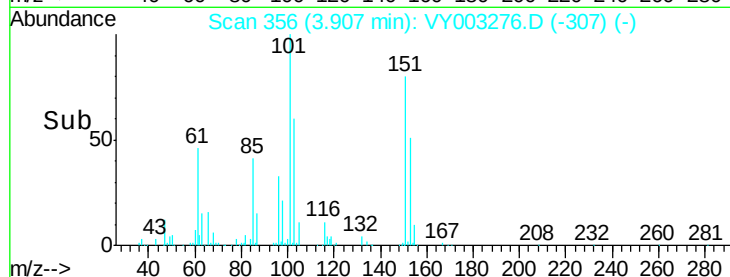
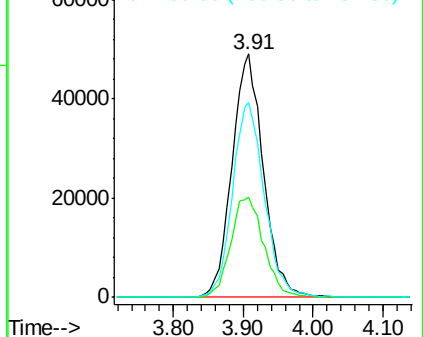
151 81.2 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.674 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

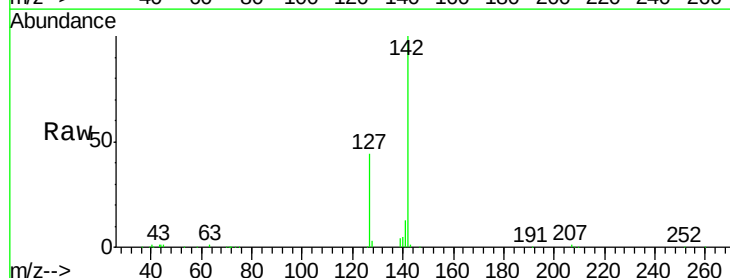
Tgt Ion:142 Resp: 141980

Ion Ratio Lower Upper

142 100

127 42.4 33.5 50.3

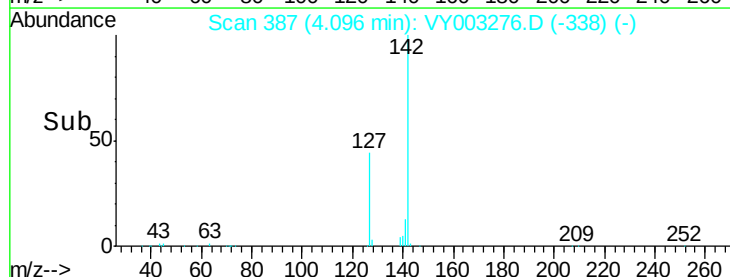
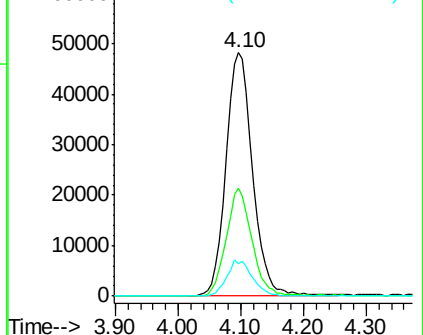
141 14.4 11.2 16.8

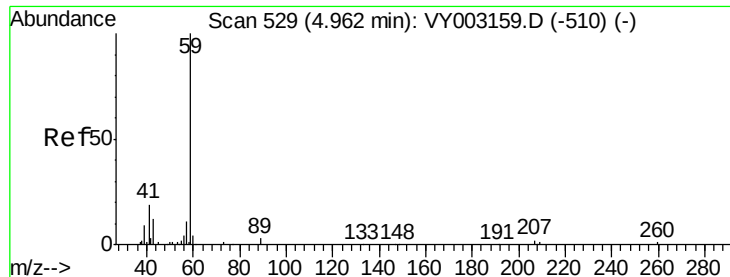


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



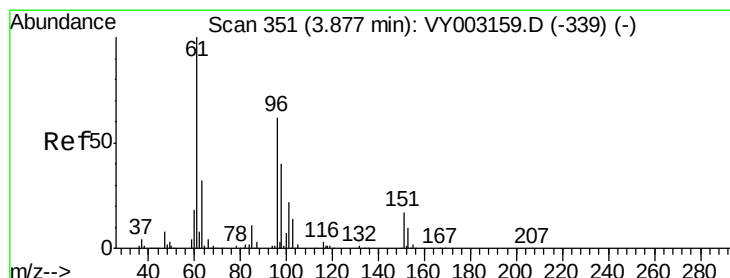
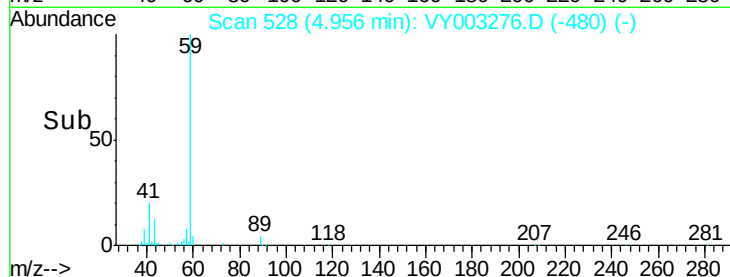
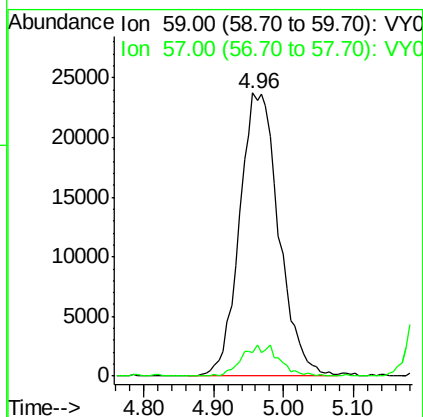
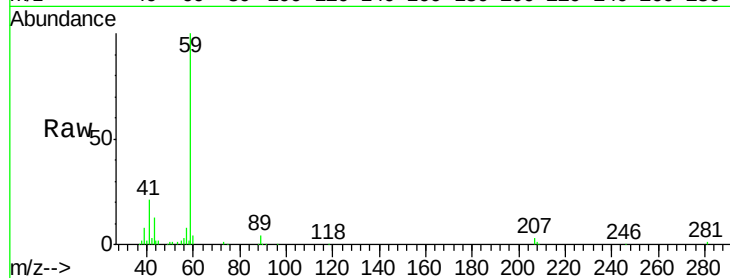


#11

Tert butyl alcohol
 Concen: 264.794 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

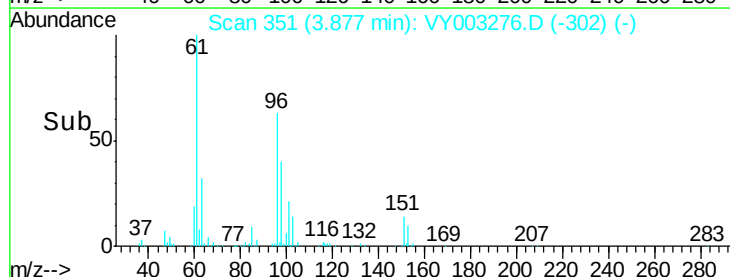
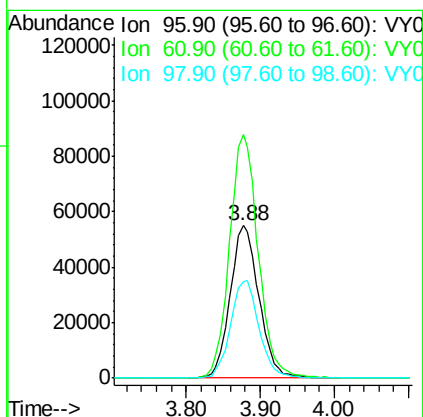
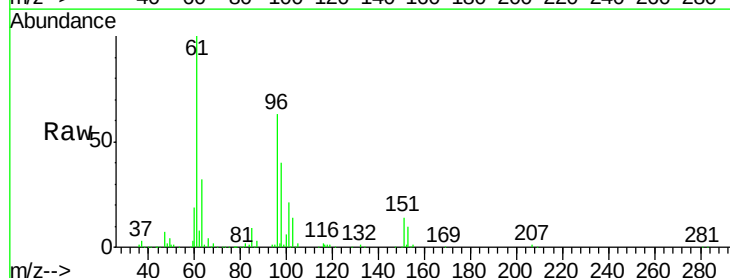
Tot Ion: 59 Resp: 92823
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

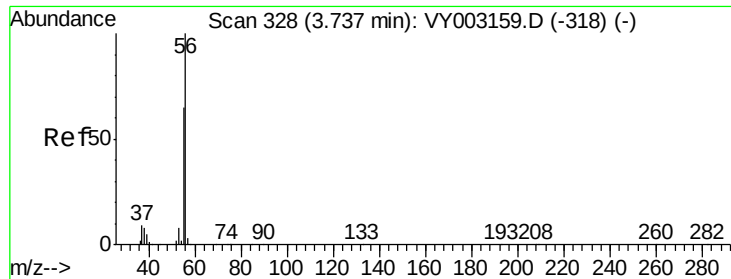


#12

1,1-Dichloroethene
 Concen: 46.762 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 96 Resp: 149457
 Ion Ratio Lower Upper
 96 100
 61 159.6 128.6 193.0
 98 63.1 51.6 77.4





#13

Acrolein

Concen: 126.511 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

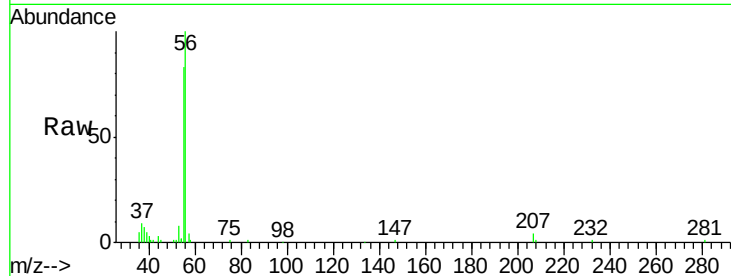
VSTDCCC050EC

Tot Ion: 56 Resp: 38493

Ion Ratio Lower Upper

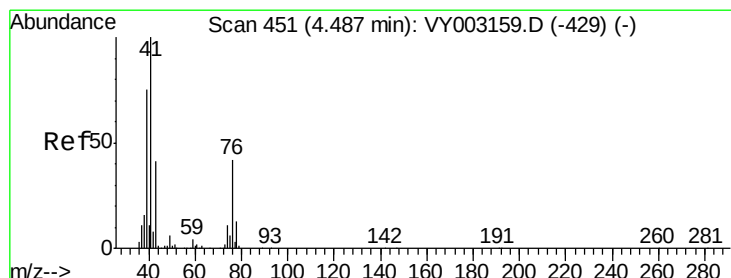
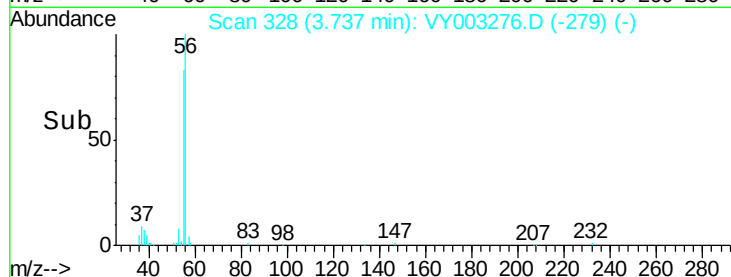
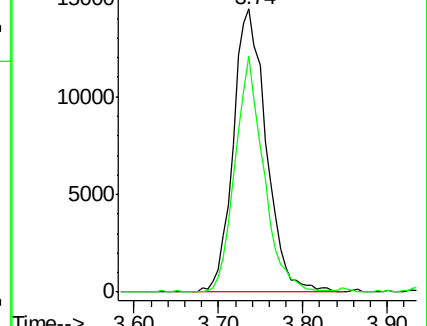
56 100

55 72.4 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 54.318 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

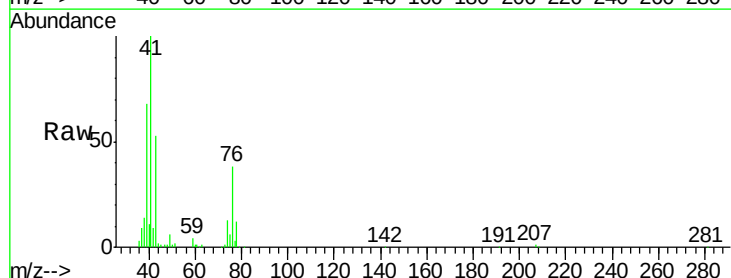
Tgt Ion: 41 Resp: 257605

Ion Ratio Lower Upper

41 100

39 65.8 56.6 85.0

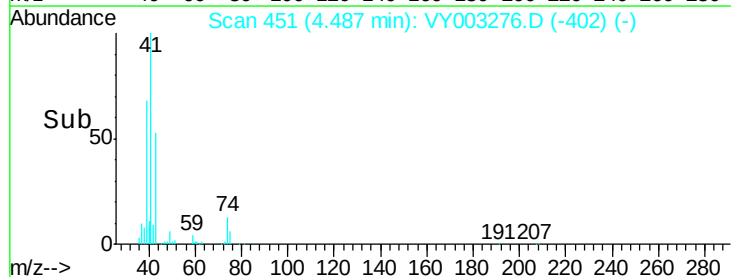
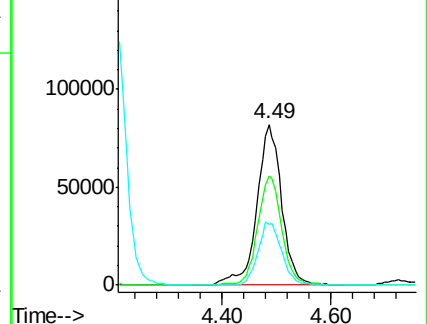
76 37.3 31.6 47.4

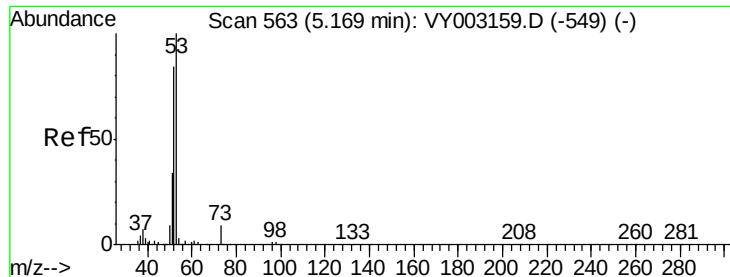


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 300.446 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

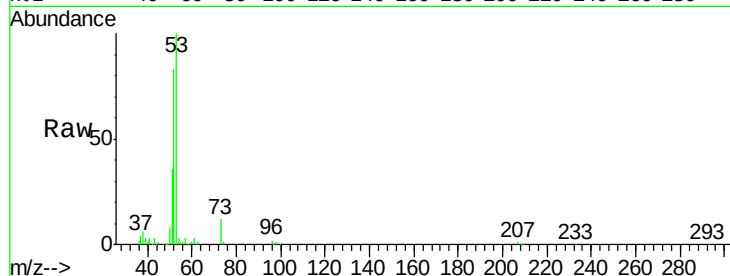
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 270586

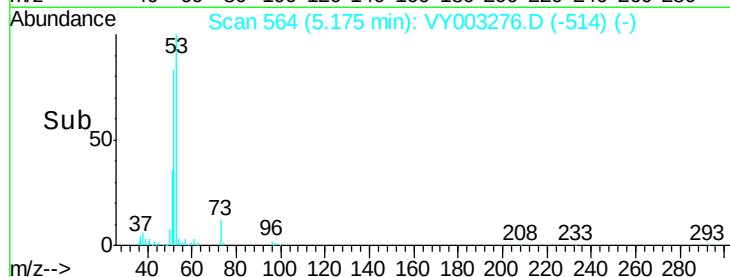
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	36.8	29.0	43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

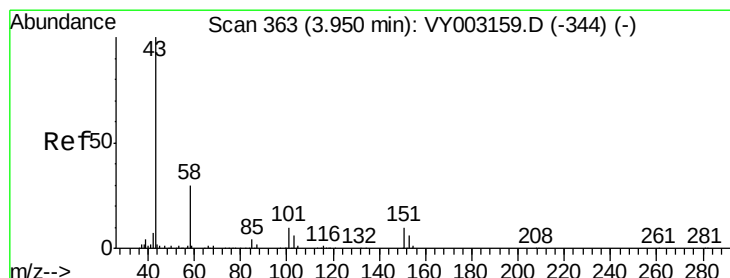
Ion 51.00 (50.70 to 51.70): VY0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 277.367 ug/l

RT: 3.96 min Scan# 364

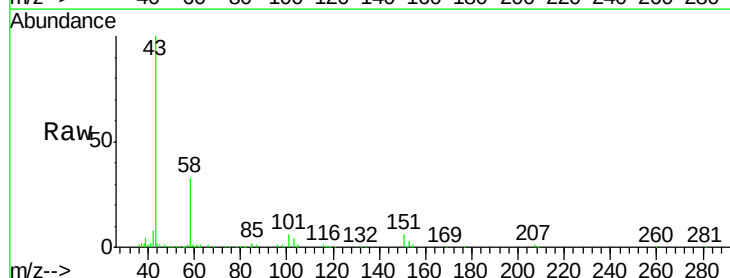
Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

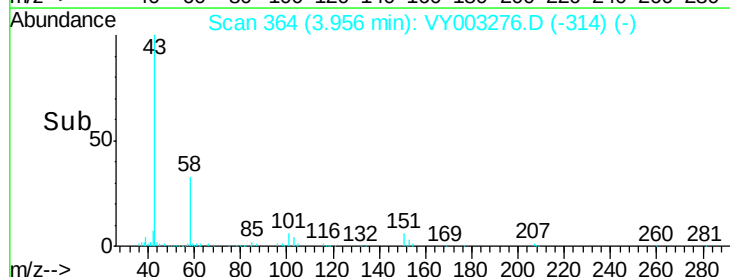
Tgt Ion: 43 Resp: 200851

Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.8	35.6



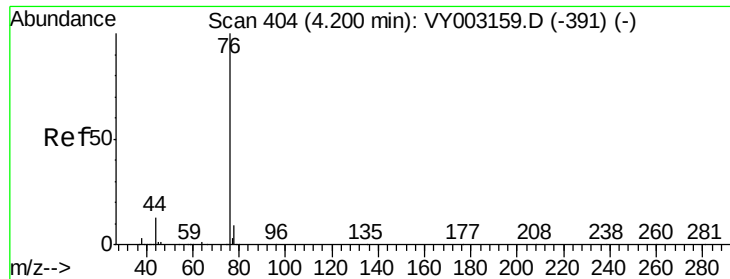
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 45.412 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

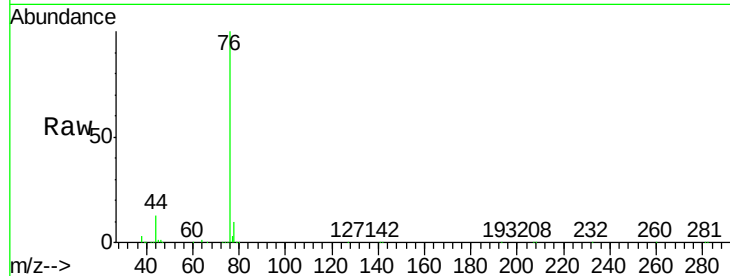
VSTDCCC050EC

Tot Ion: 76 Resp: 445383

Ion Ratio Lower Upper

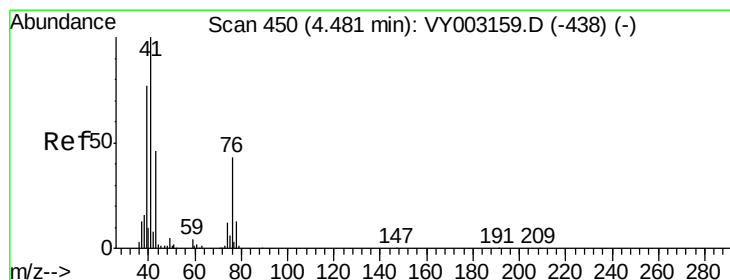
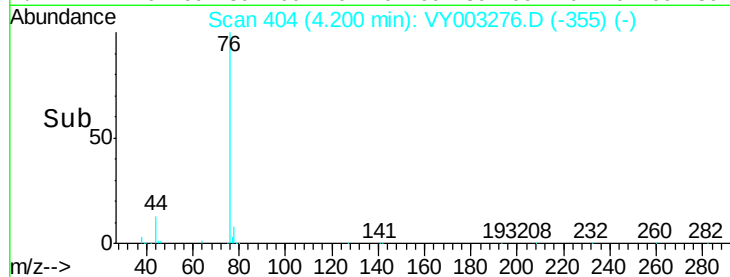
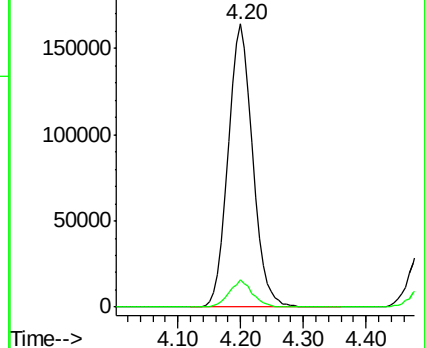
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 63.390 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003276.D

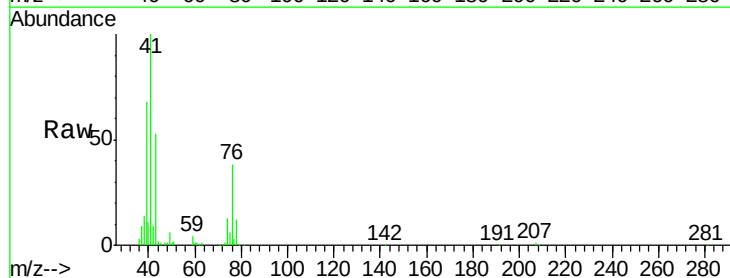
Acq: 22 Jul 2020 02:01

Tgt Ion: 43 Resp: 127477

Ion Ratio Lower Upper

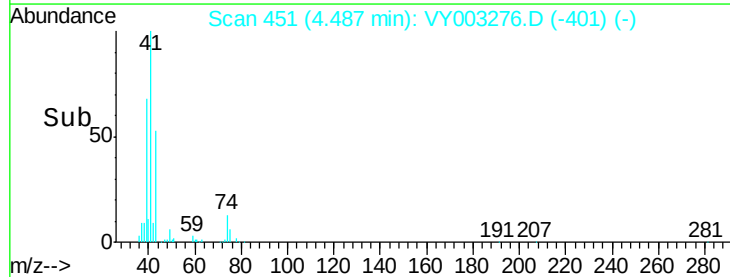
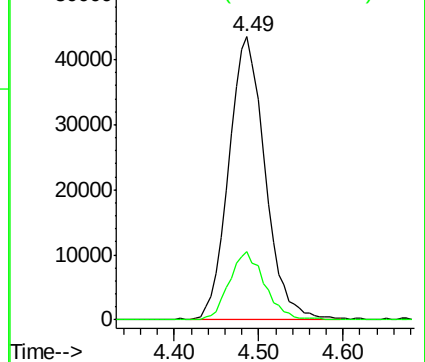
43 100

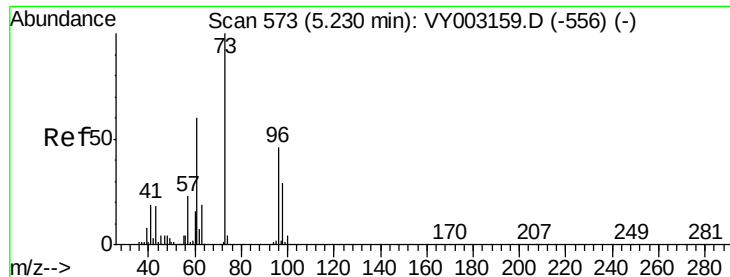
74 23.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

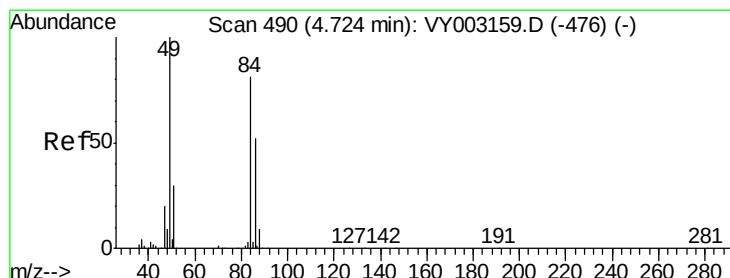
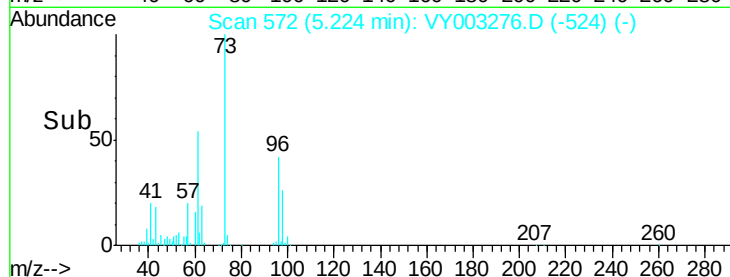
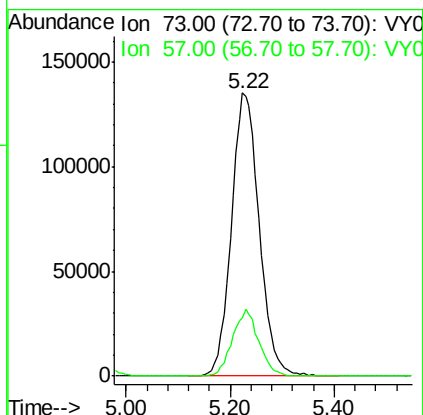
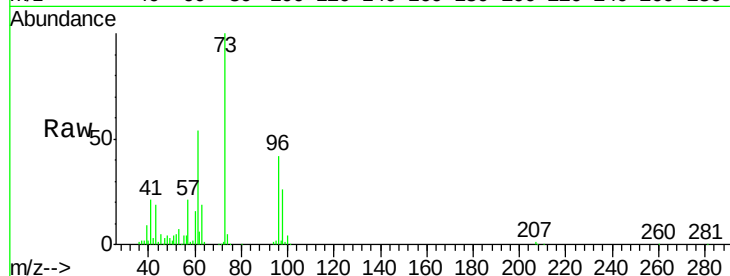




#19
Methyl tert-butyl Ether
Concen: 55.992 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

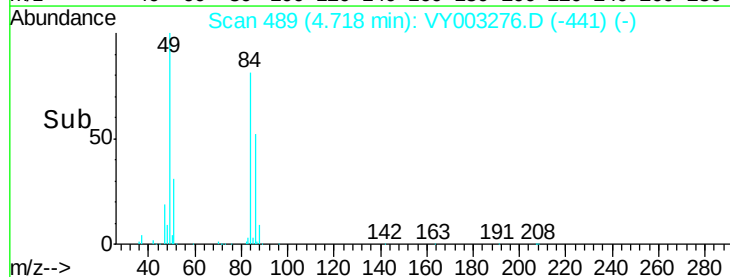
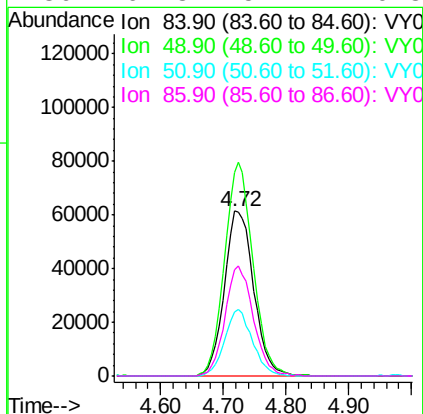
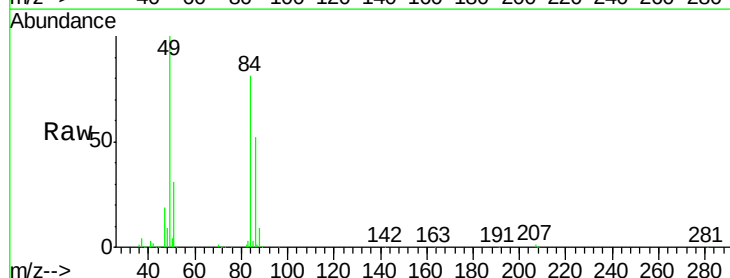
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

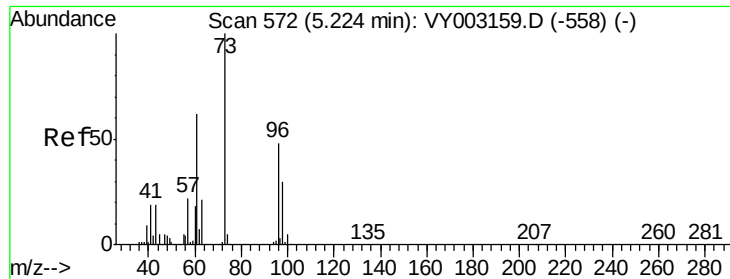
Tot Ion: 73 Resp: 501506
Ion Ratio Lower Upper
73 100
57 20.6 18.1 27.1



#20
Methylene Chloride
Concen: 55.487 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 84 Resp: 199964
Ion Ratio Lower Upper
84 100
49 123.4 98.2 147.4
51 38.8 29.8 44.6
86 64.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.467 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

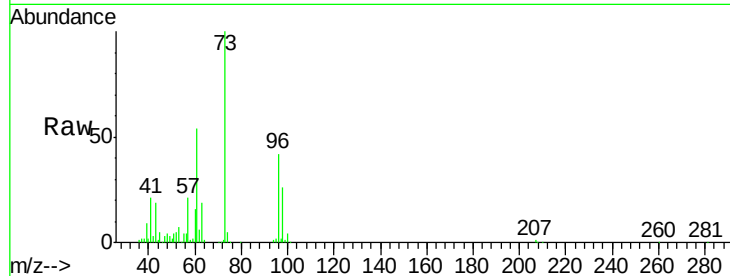
Tot Ion: 96 Resp: 175209

Ion Ratio Lower Upper

96 100

61 128.7 102.5 153.7

98 61.1 49.8 74.8

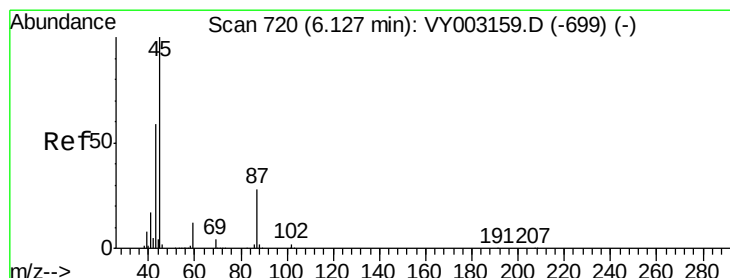
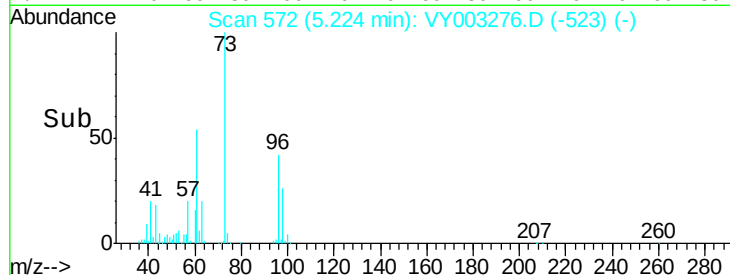
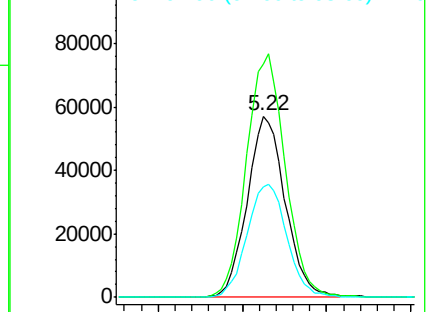


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 58.634 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion: 45 Resp: 617149

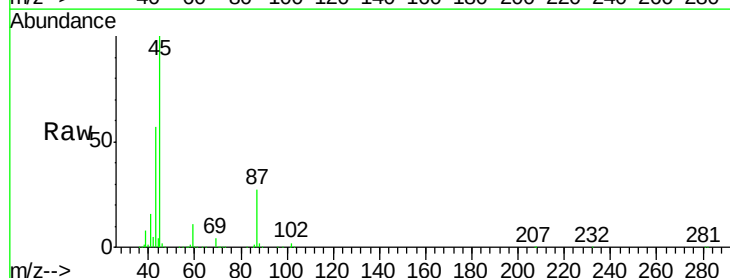
Ion Ratio Lower Upper

45 100

43 56.7 47.0 70.4

87 26.9 22.6 33.8

59 11.3 9.8 14.6



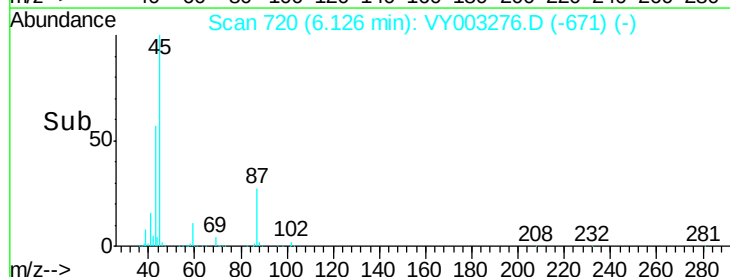
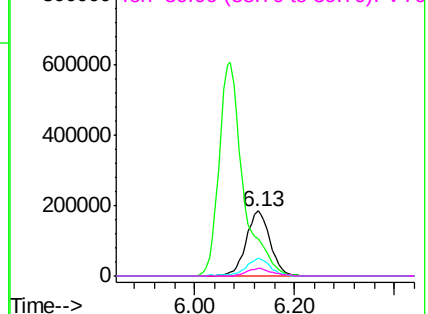
Abundance

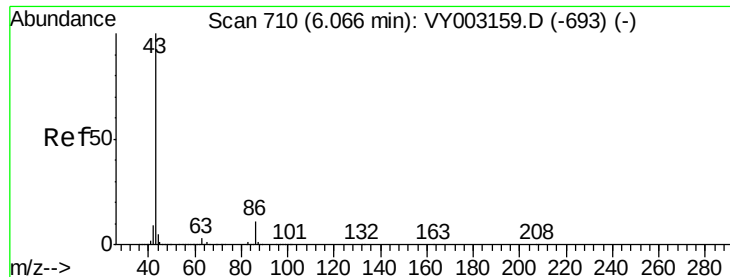
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 288.983 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

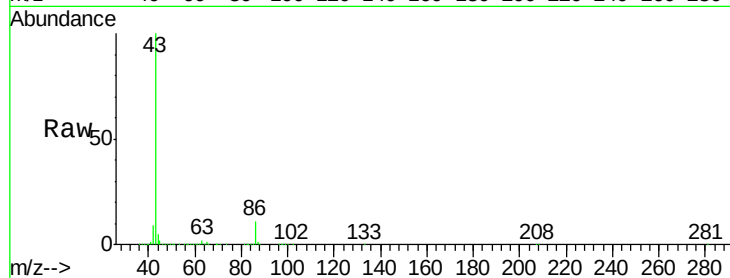
VSTDCCC050EC

Tot Ion: 43 Resp: 2027355

Ion Ratio Lower Upper

43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

600000

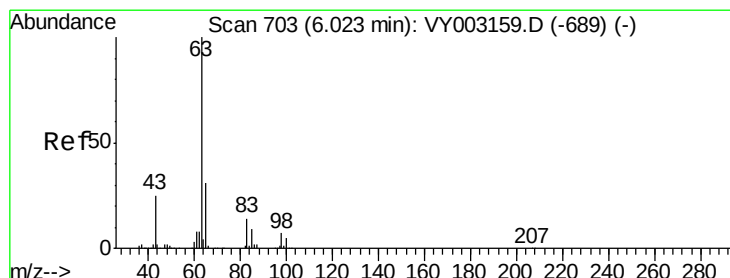
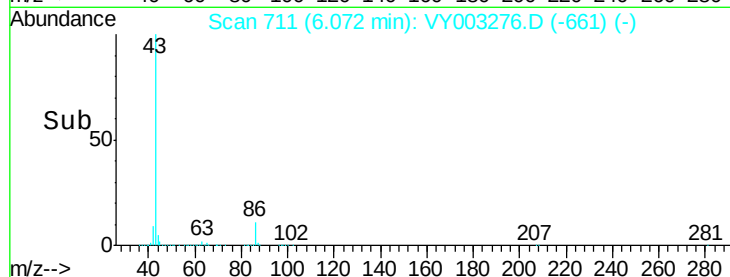
400000

200000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 53.845 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

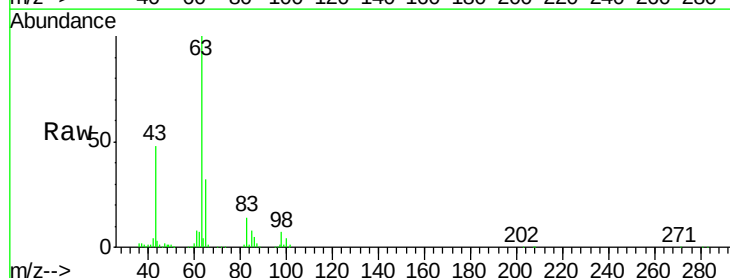
Tgt Ion: 63 Resp: 328344

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

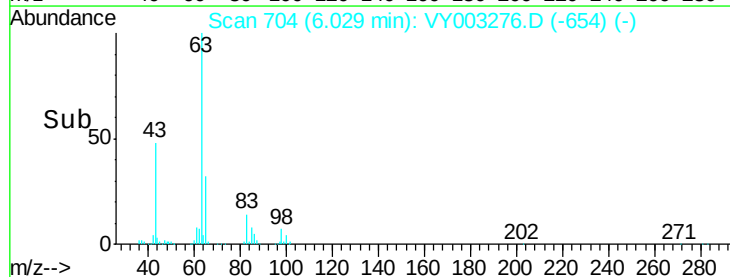
100000

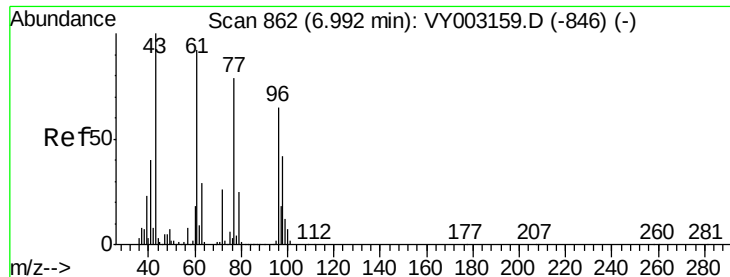
50000

0

5.90 6.10 6.20

Time-->

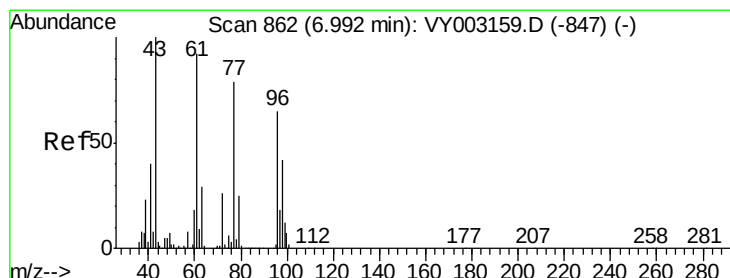
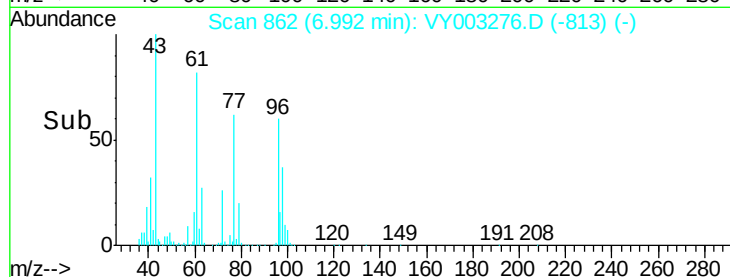
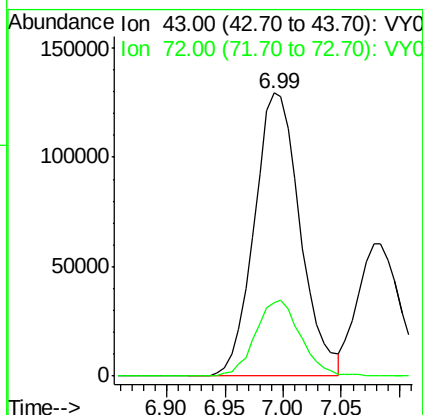
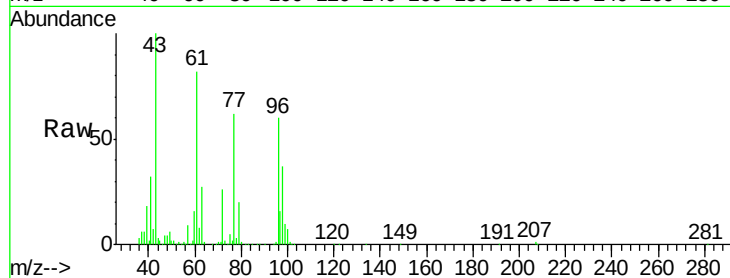




#25
2-Butanone
Concen: 298.844 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

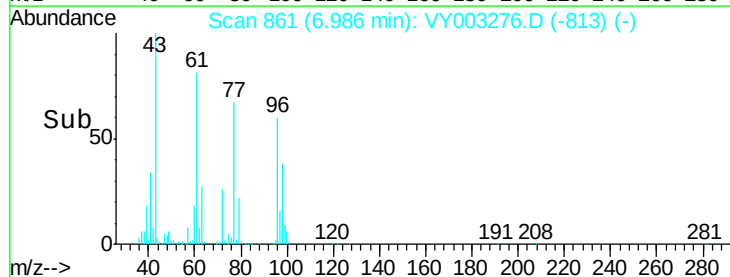
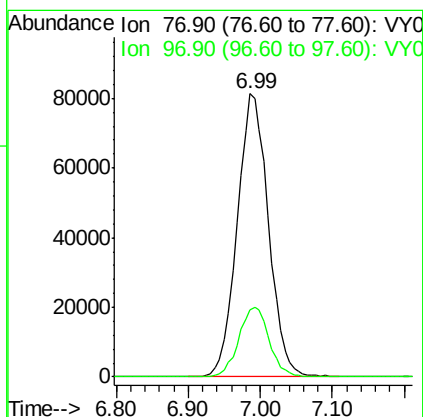
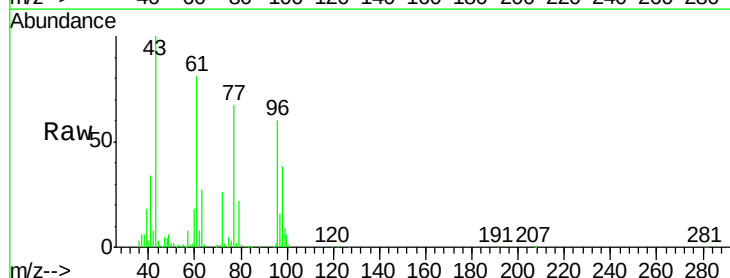
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

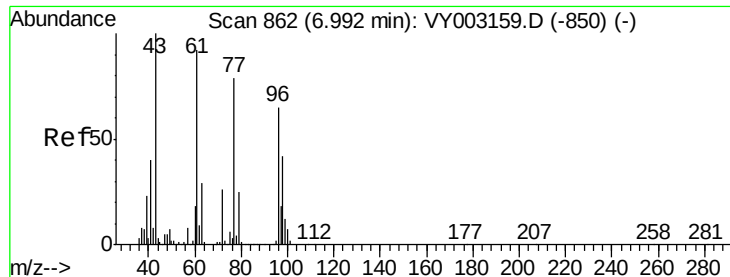
Tot Ion: 43 Resp: 355314
Ion Ratio Lower Upper
43 100
72 26.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 44.619 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 77 Resp: 245031
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7



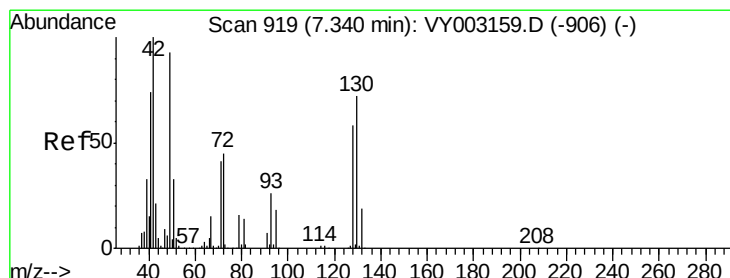
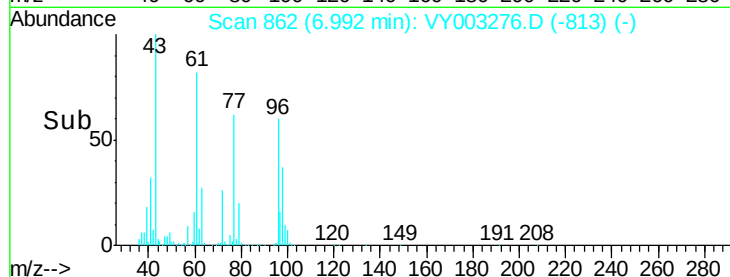
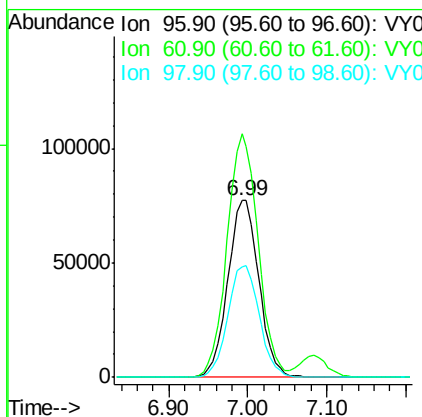
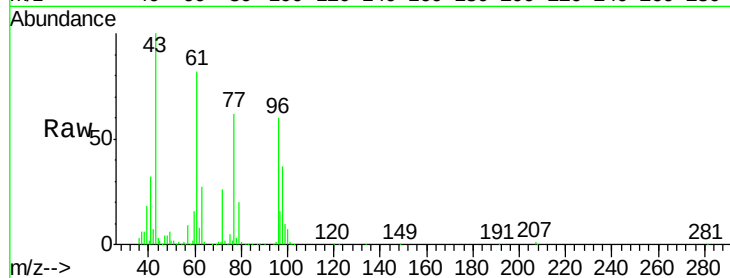


#27

cis-1,2-Dichloroethene
 Concen: 53.151 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050EC

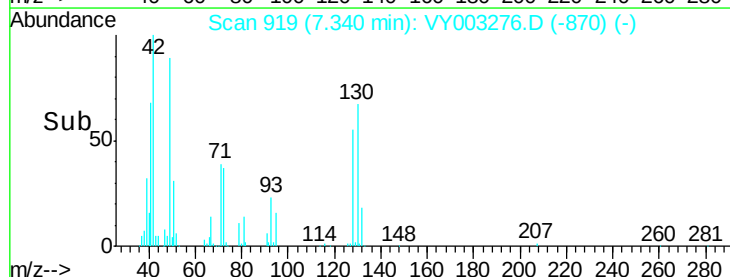
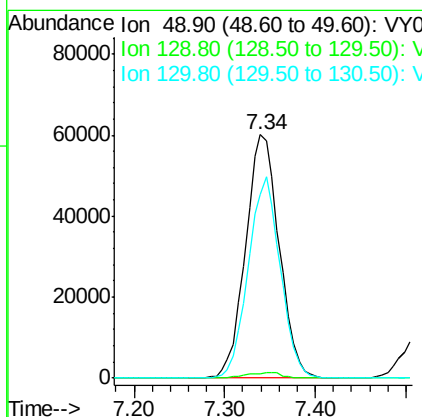
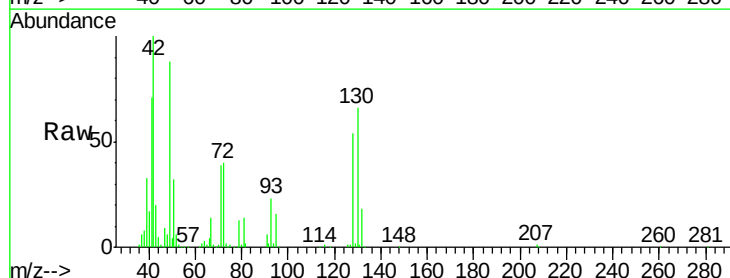
Tot Ion	96	Resp	211550
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	281.2
98	64.2	0.0	129.8

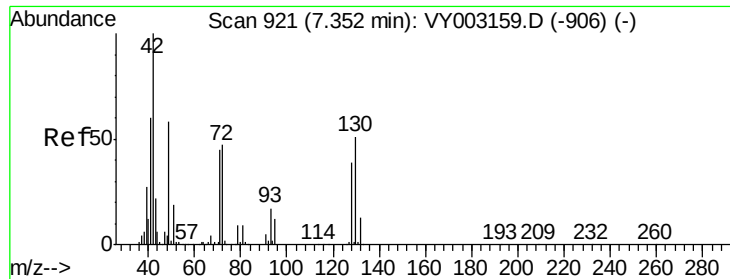


#28

Bromochloromethane
 Concen: 58.387 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	49	Resp	154147
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 303.692 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

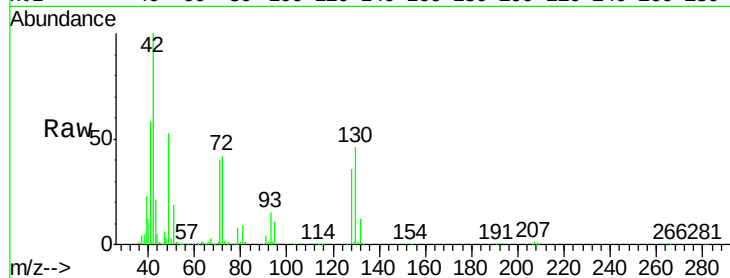
Tot Ion: 42 Resp: 242566

Ion Ratio Lower Upper

42 100

72 42.7 36.7 55.1

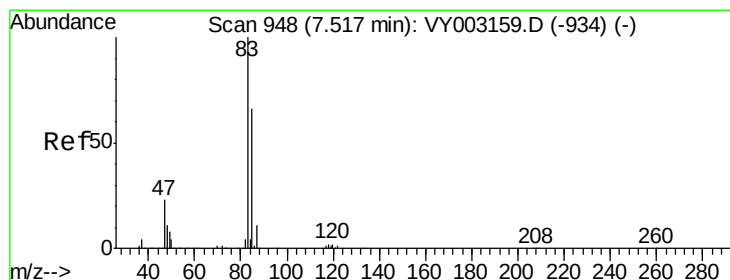
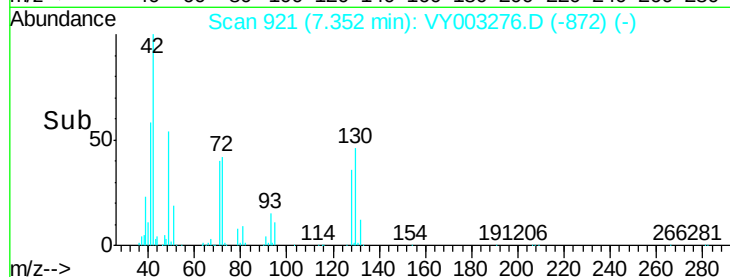
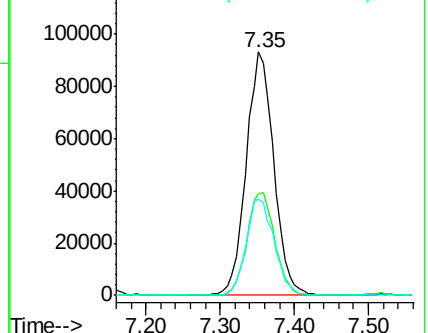
71 40.1 34.2 51.4



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: 54.346 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003276.D

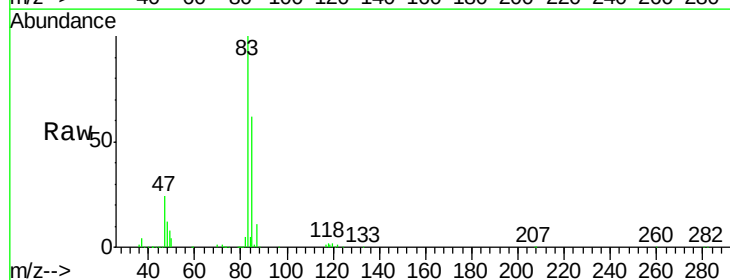
Acq: 22 Jul 2020 02:01

Tgt Ion: 83 Resp: 341320

Ion Ratio Lower Upper

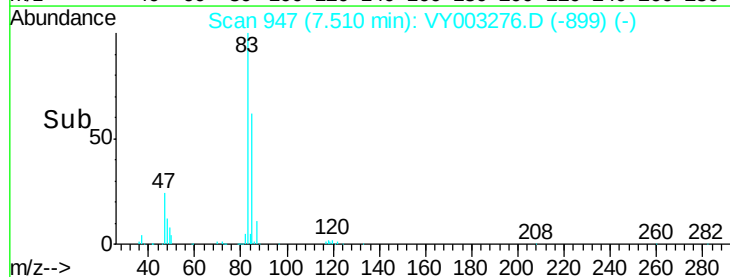
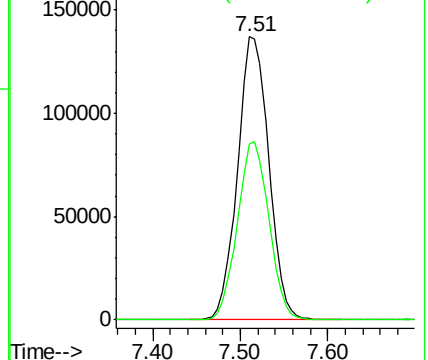
83 100

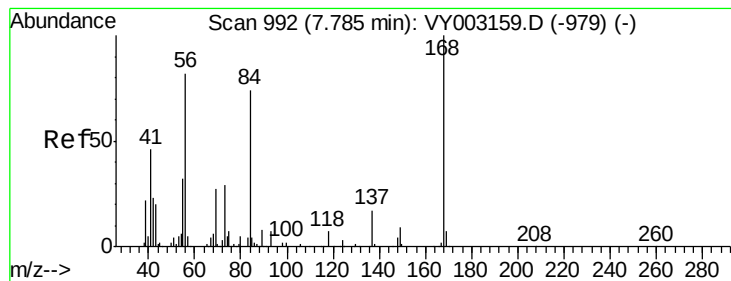
85 62.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.649 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

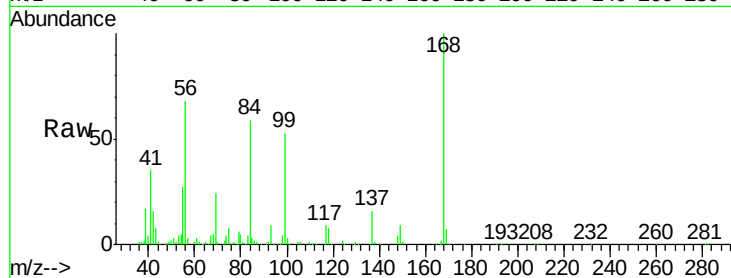
Tot Ion: 56 Resp: 263279

Ion Ratio Lower Upper

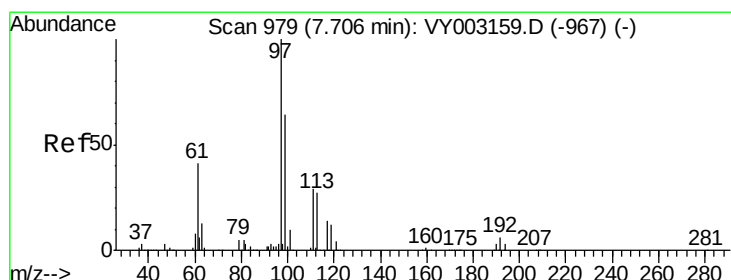
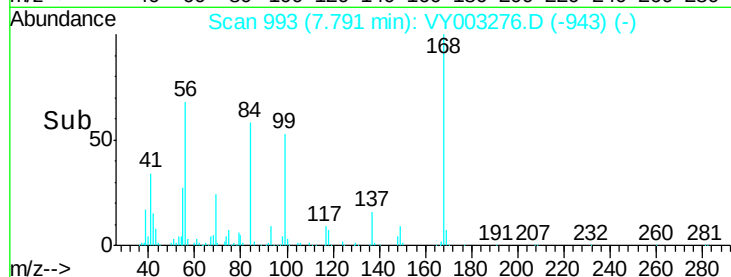
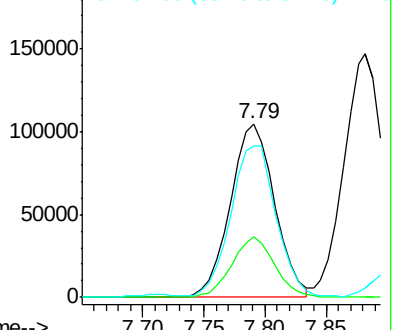
56 100

69 34.9 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: 50.256 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

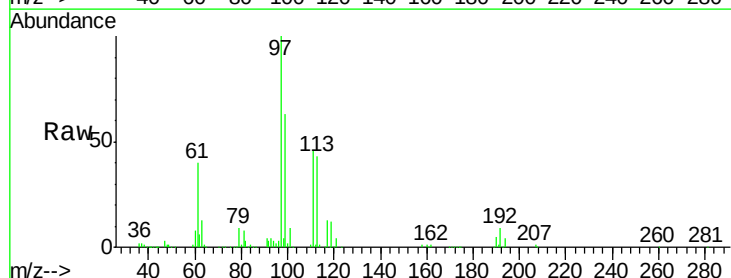
Tgt Ion: 97 Resp: 284152

Ion Ratio Lower Upper

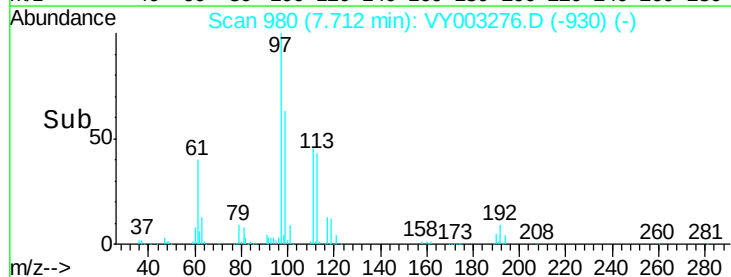
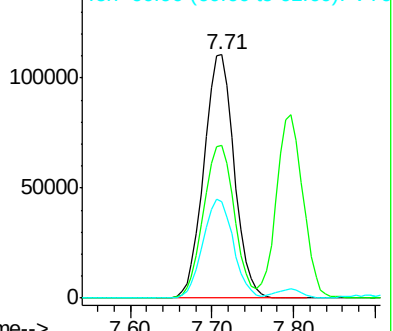
97 100

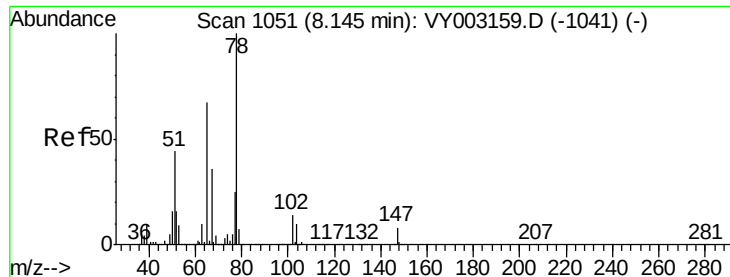
99 64.3 52.1 78.1

61 40.9 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

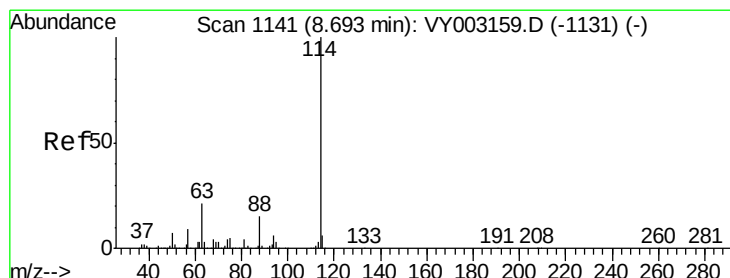
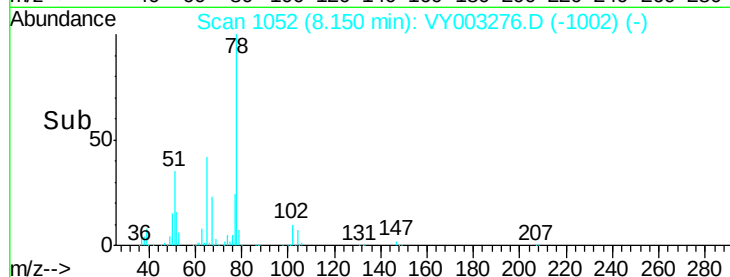
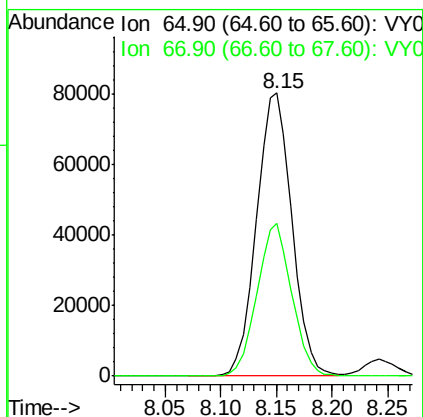
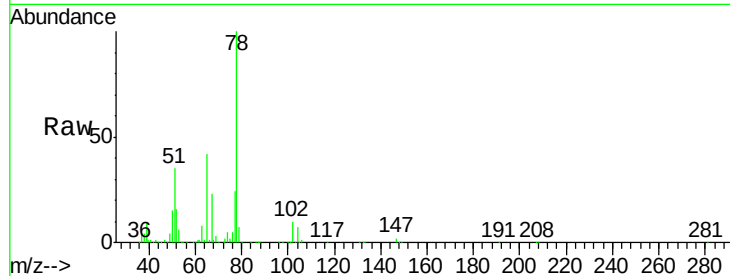




#33
 1,2-Dichloroethane-d4
 Concen: 54.863 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

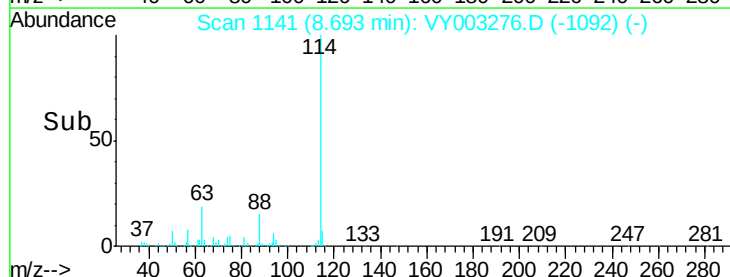
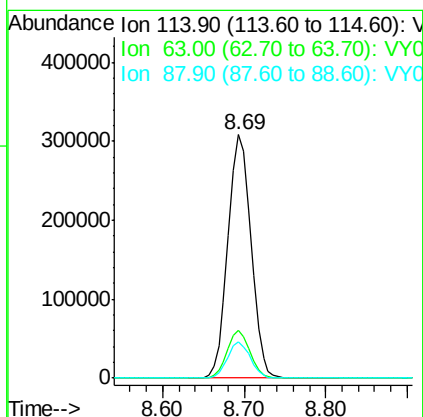
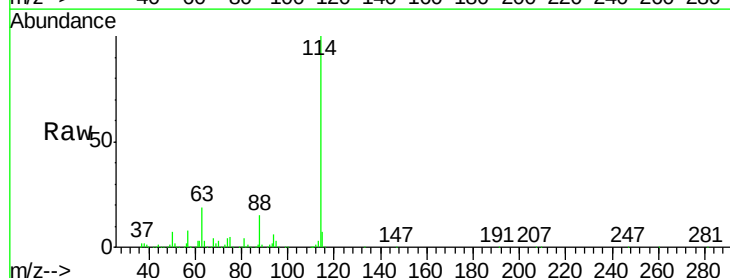
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

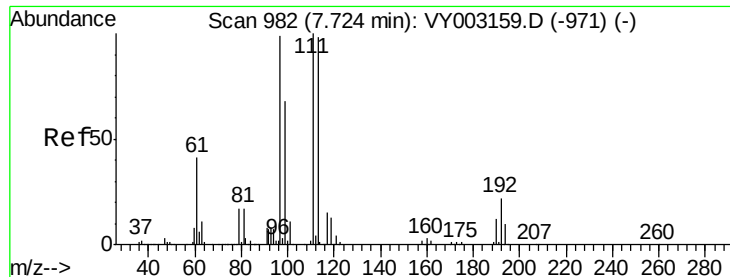
Tot Ion: 65 Resp: 177858
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 114 Resp: 600796
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 15.1 0.0 30.2

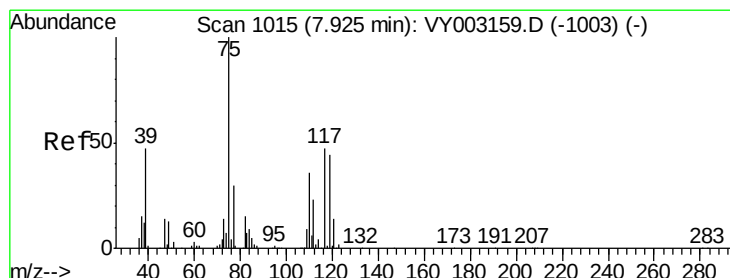
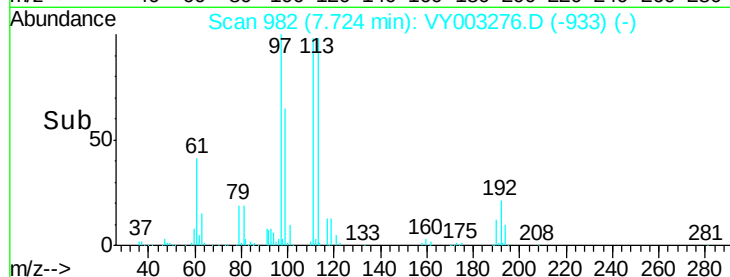
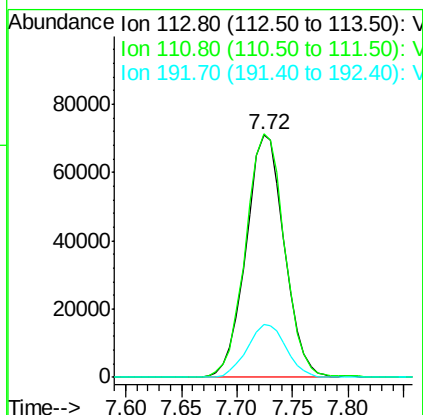
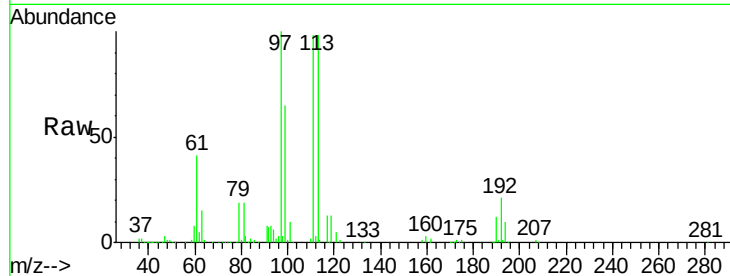




#35
Dibromofluoromethane
Concen: 49.270 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

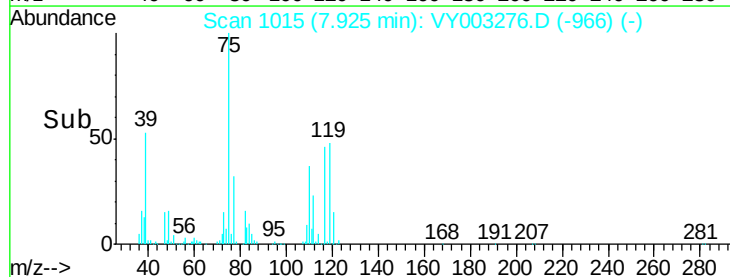
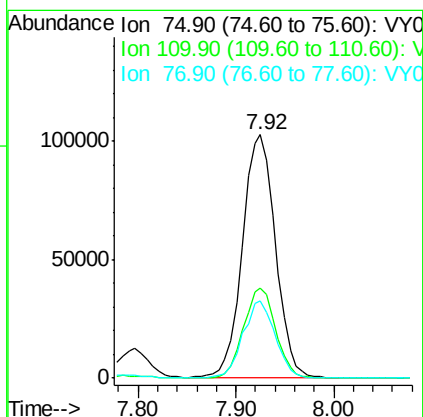
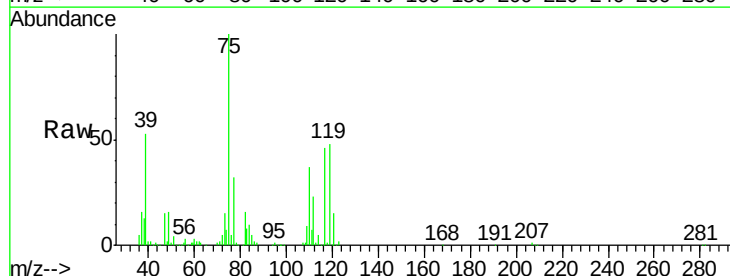
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

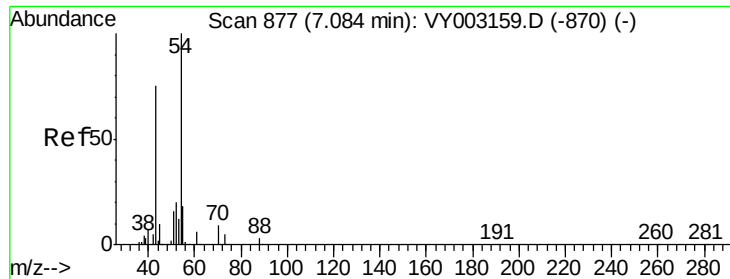
Tot Ion:113 Resp: 170348
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 22.2 18.8 28.2



#36
1,1-Dichloropropene
Concen: 43.964 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 75 Resp: 239395
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 31.3 24.8 37.2

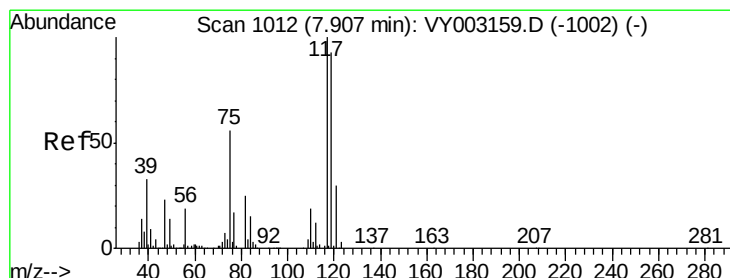
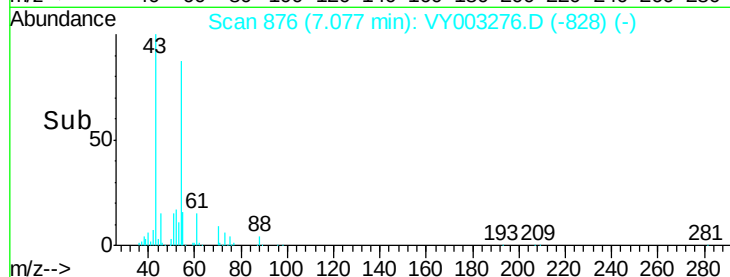
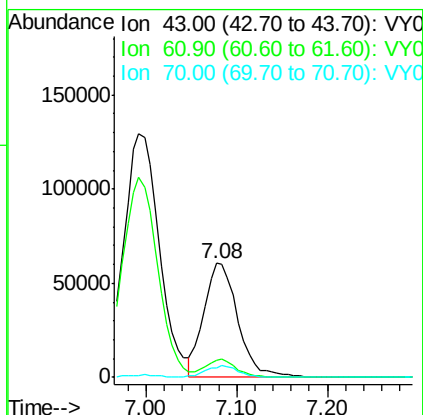
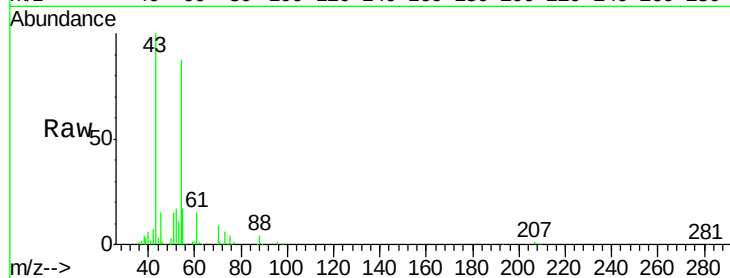




#37
Ethyl Acetate
Concen: 53.840 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

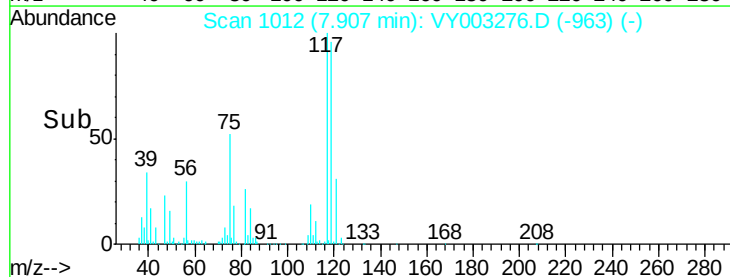
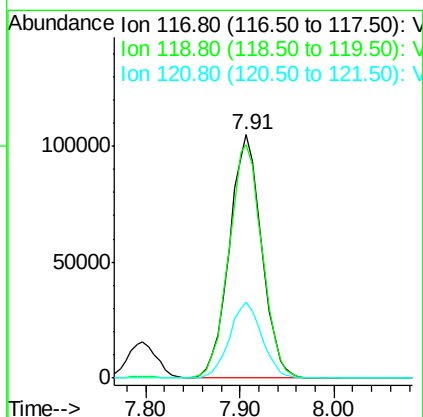
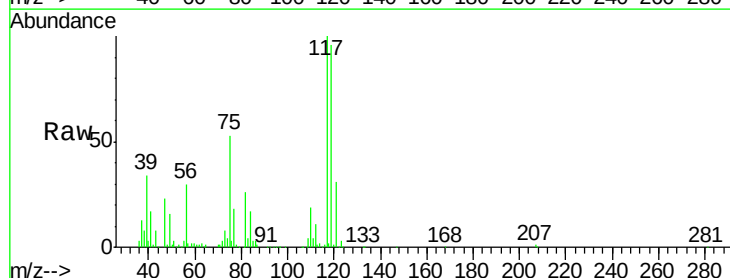
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

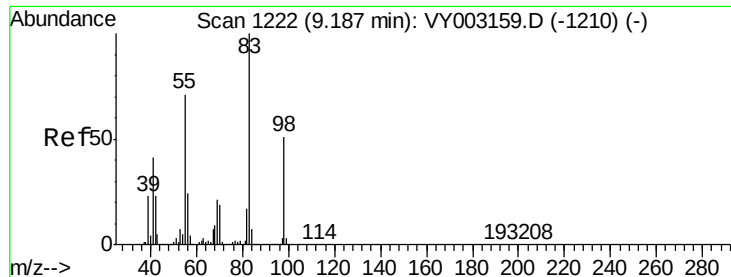
Tot Ion: 43 Resp: 157880
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 44.279 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 117 Resp: 248910
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.1 24.2 36.2

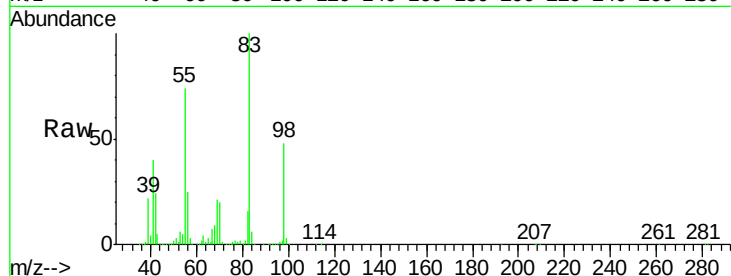




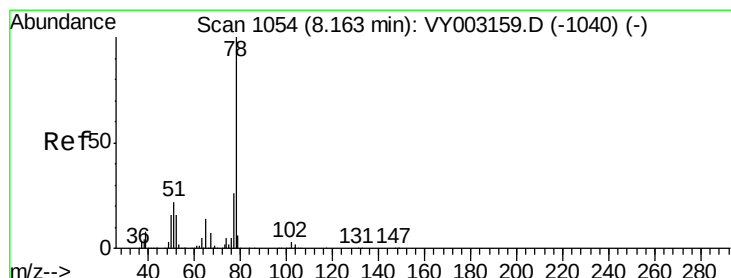
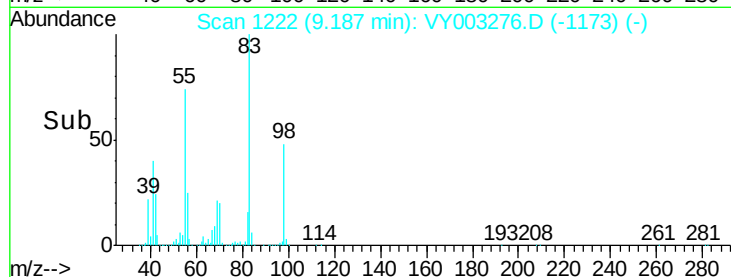
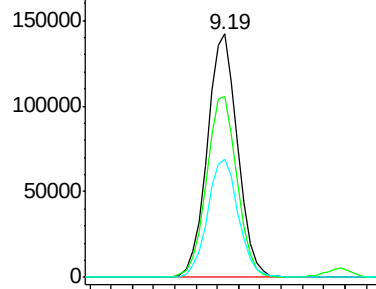
#39
Methylvlcyclohexane
Concen: 41.661 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 284978
Ion Ratio Lower Upper
83 100
55 74.3 57.2 85.8
98 48.4 41.0 61.6

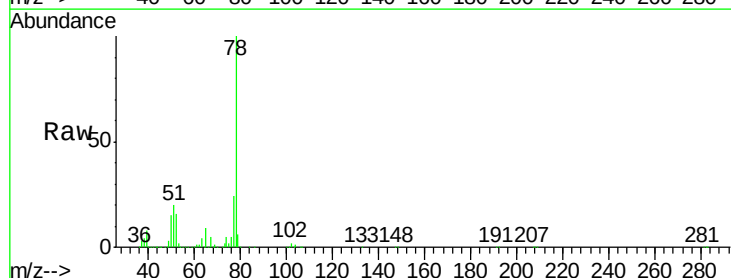


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

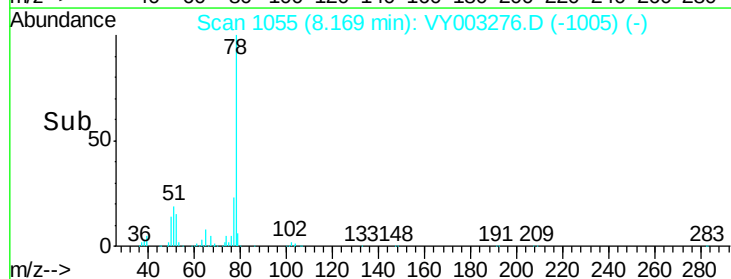
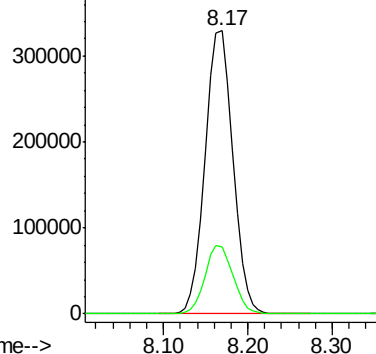


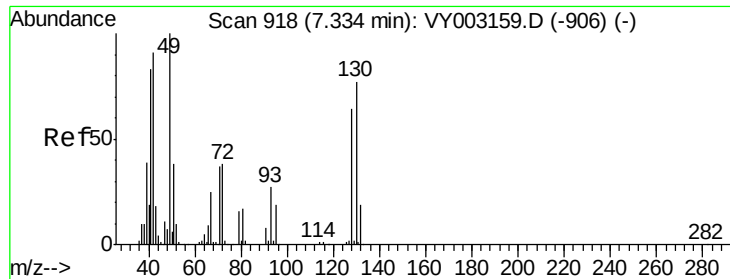
#40
Benzene
Concen: 48.825 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 78 Resp: 732043
Ion Ratio Lower Upper
78 100
77 23.5 20.7 31.1



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

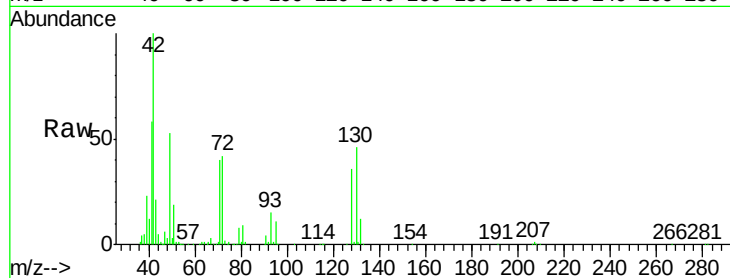




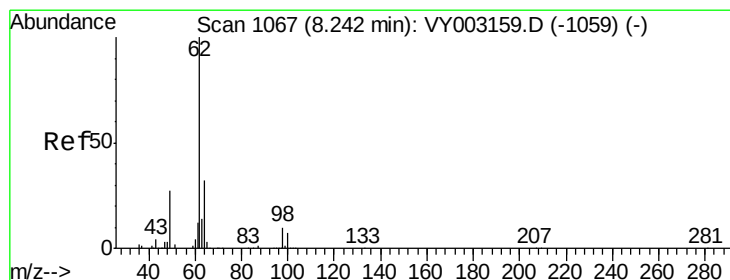
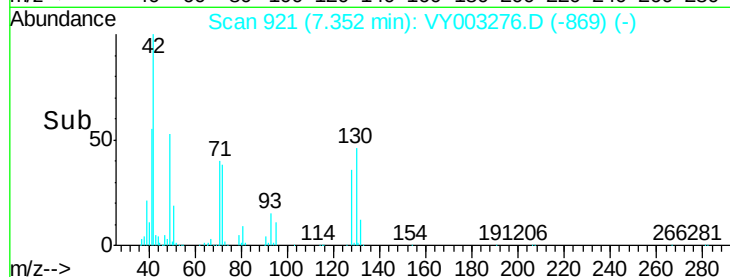
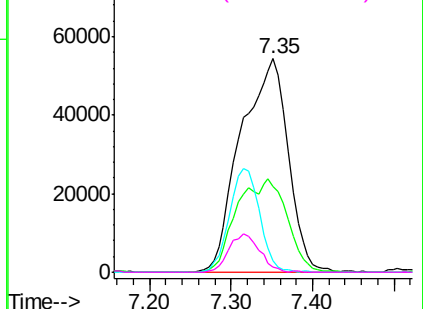
#41
Methacrylonitrile
Concen: 123.447 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	218020
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

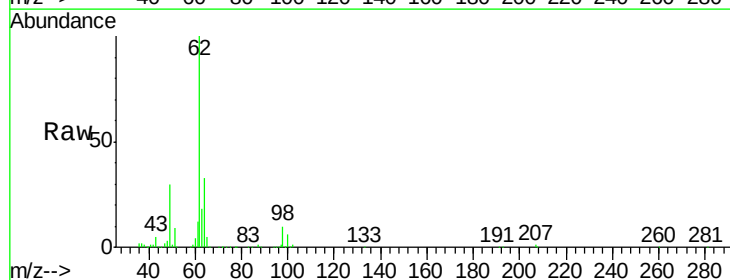


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

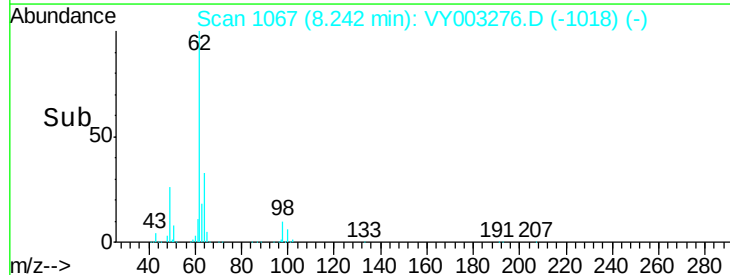
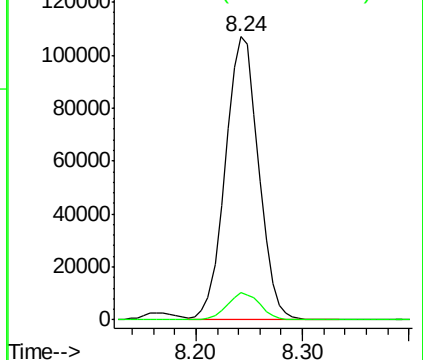


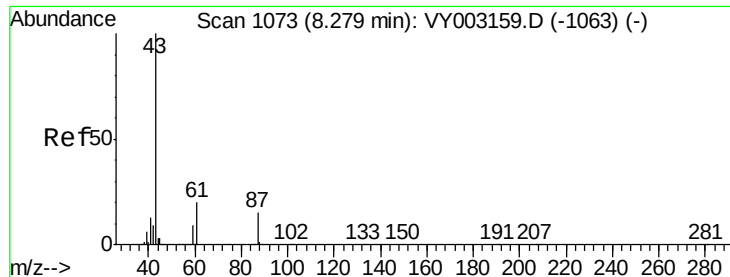
#42
1,2-Dichloroethane
Concen: 50.798 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:	62	Resp:	234473
Ion	Ratio	Lower	Upper
62	100		
98	9.5	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: 54.164 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

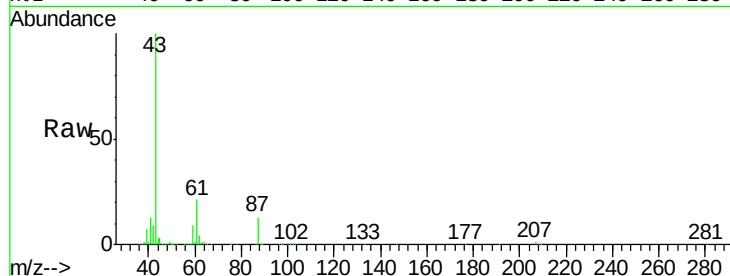
Tot Ion: 43 Resp: 307439

Ion Ratio Lower Upper

43 100

61 28.6 23.7 35.5

87 13.1 11.4 17.0

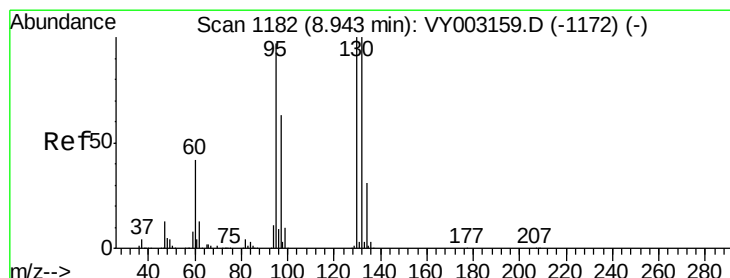
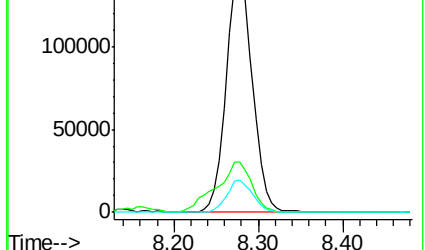
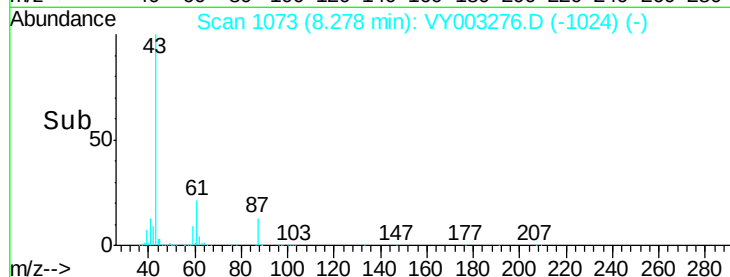


Abundance Ion 43.00 (42.70 to 43.70): VY003276.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003276.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003276.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 46.192 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003276.D

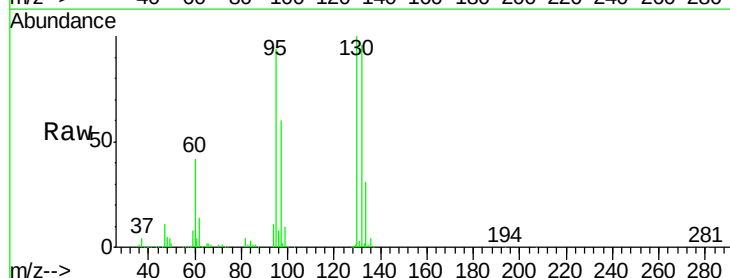
Acq: 22 Jul 2020 02:01

Tgt Ion: 130 Resp: 212307

Ion Ratio Lower Upper

130 100

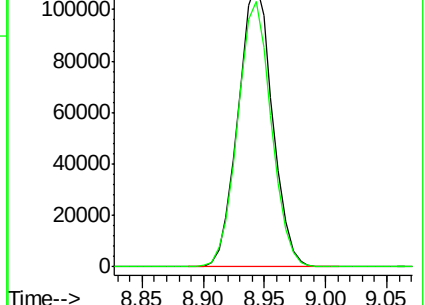
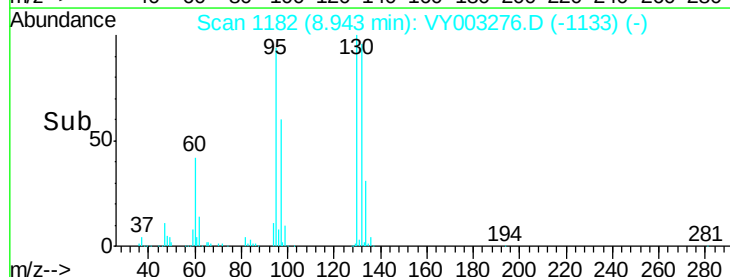
95 93.7 0.0 193.8

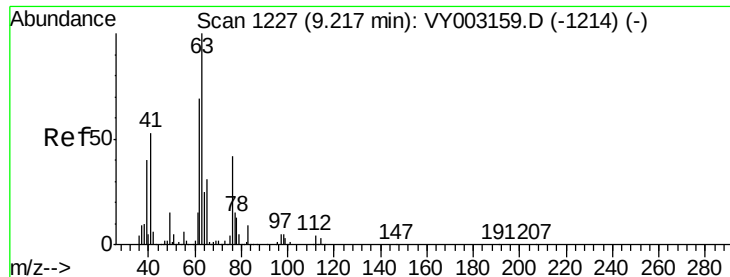


Abundance Ion 129.80 (129.50 to 130.50): VY003276.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003276.D (-1133) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 51.234 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

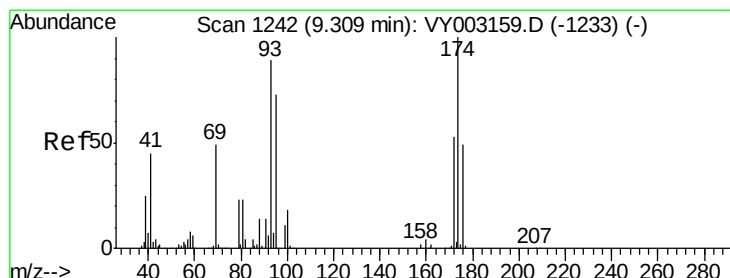
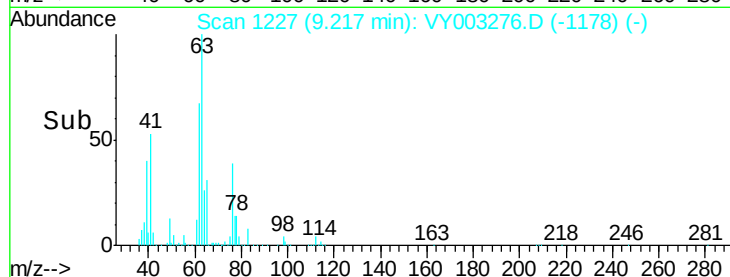
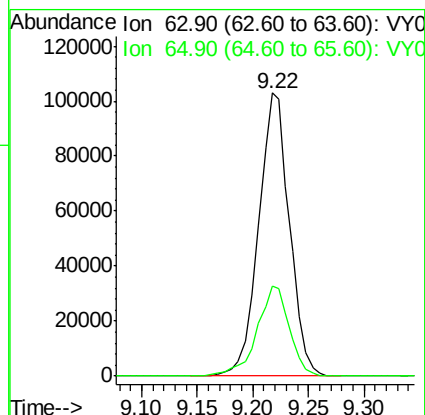
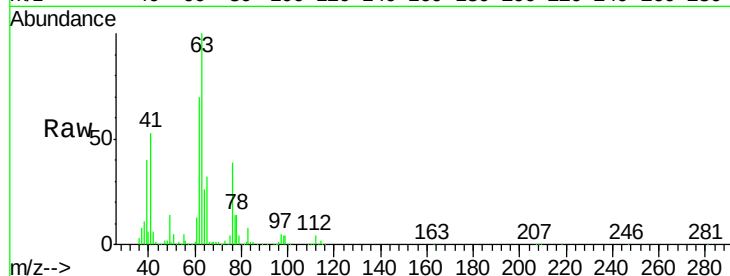
VSTDCCC050EC

Tot Ion: 63 Resp: 198764

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.4



#46

Dibromomethane

Concen: 51.736 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

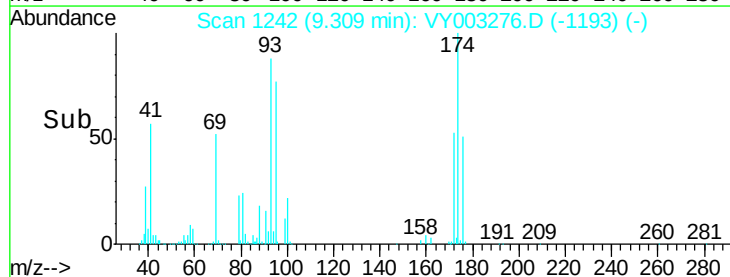
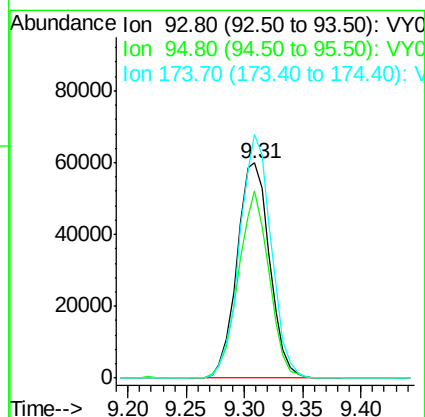
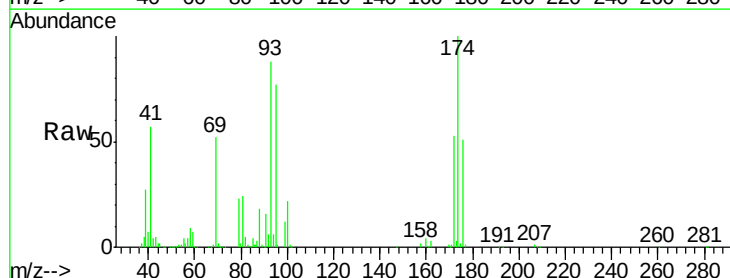
Tgt Ion: 93 Resp: 117230

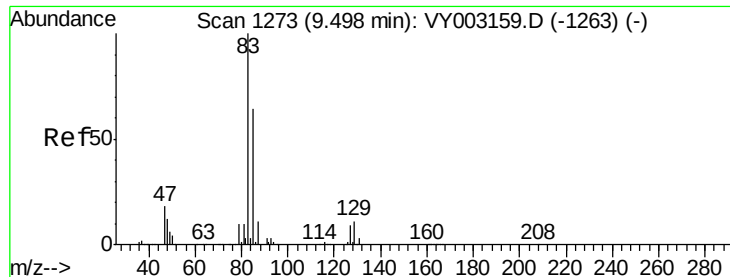
Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

174 108.9 90.2 135.4

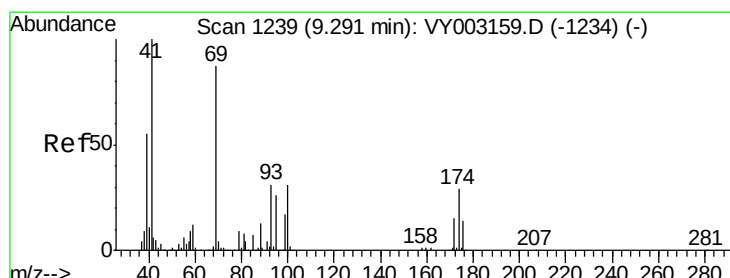
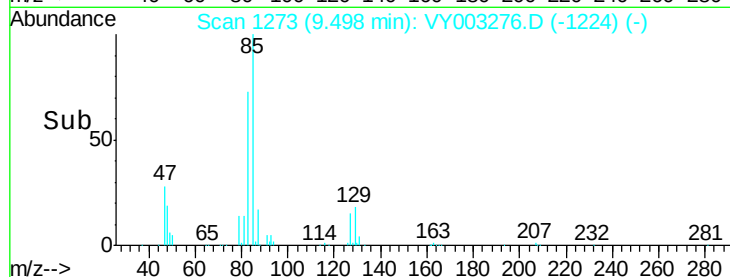
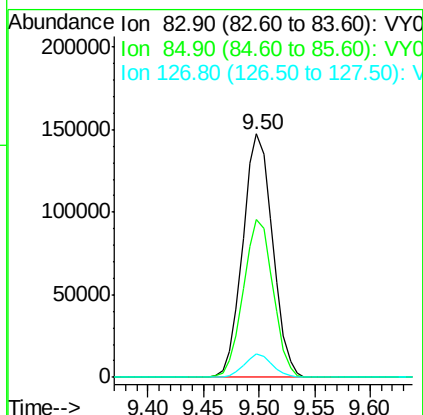
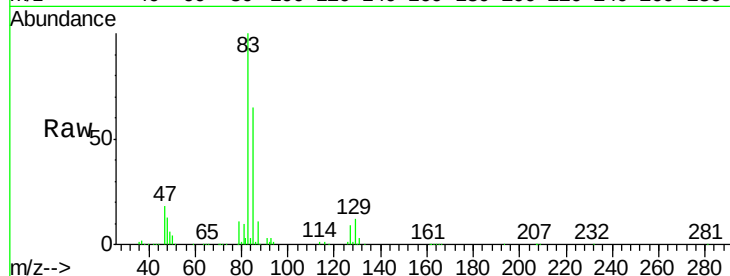




#47
Bromodichloromethane
Concen: 51.109 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

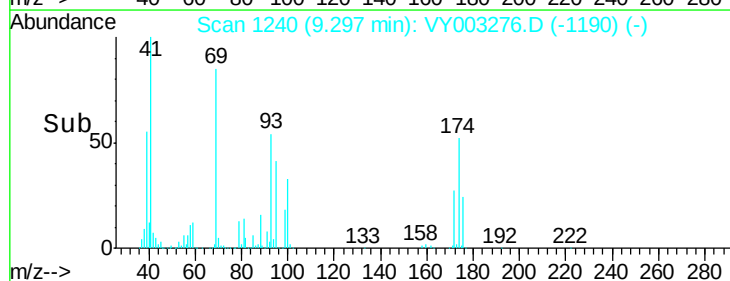
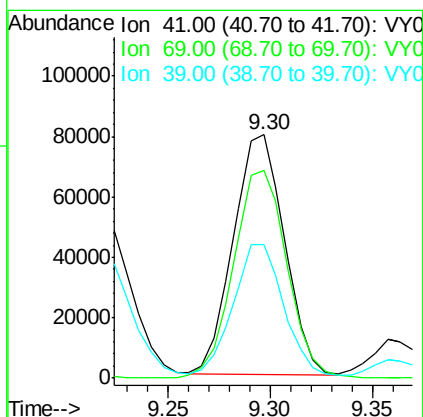
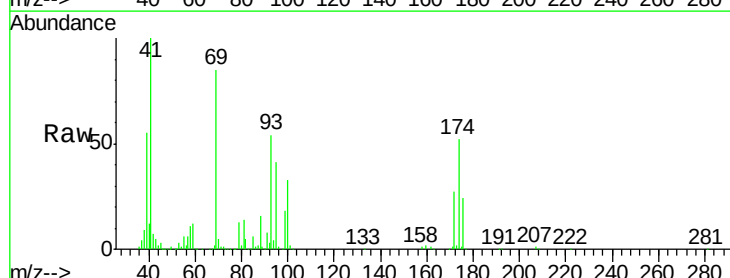
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

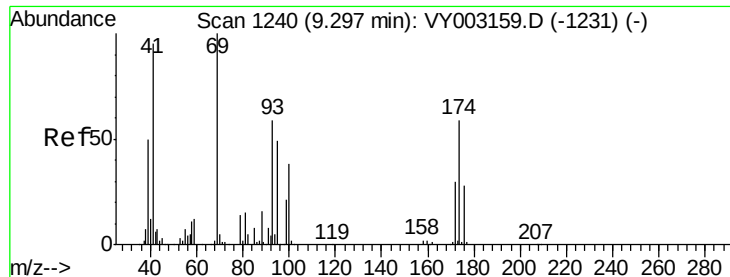
Tot Ion: 83 Resp: 275434
Ion Ratio Lower Upper
83 100
85 64.9 50.9 76.3
127 9.5 7.0 10.4



#48
Methyl methacrylate
Concen: 54.491 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 41 Resp: 138273
Ion Ratio Lower Upper
41 100
69 89.9 74.5 111.7
39 56.5 47.5 71.3





#49

1,4-Dioxane

Concen: 1068.634 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

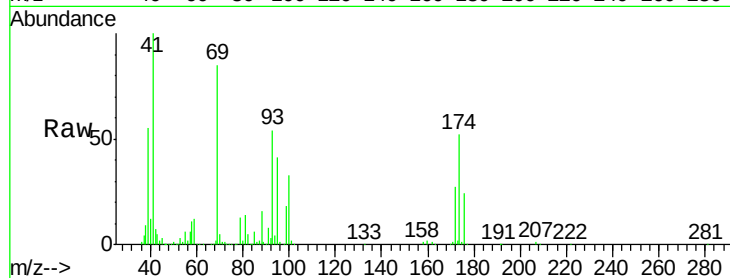
Tot Ion: 88 Resp: 30732

Ion Ratio Lower Upper

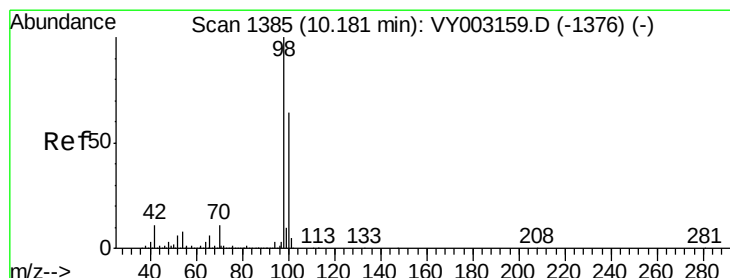
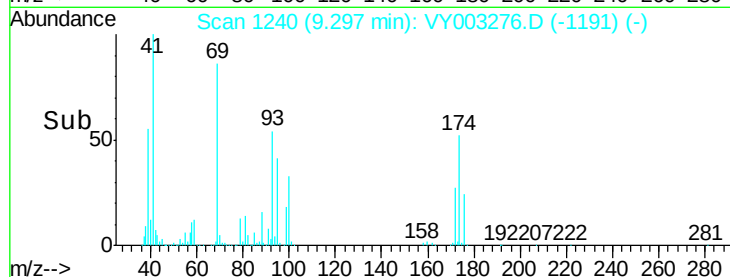
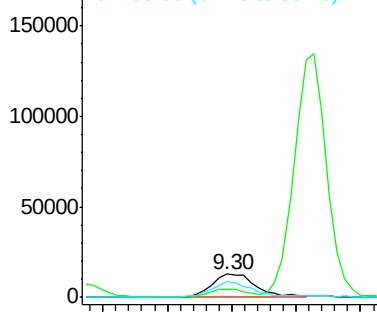
88 100

43 30.5 25.6 38.4

58 63.3 47.8 71.6



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



#50

Toluene-d8

Concen: 47.615 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003276.D

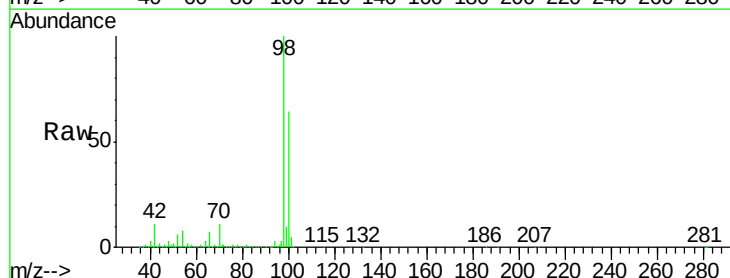
Acq: 22 Jul 2020 02:01

Tgt Ion: 98 Resp: 612051

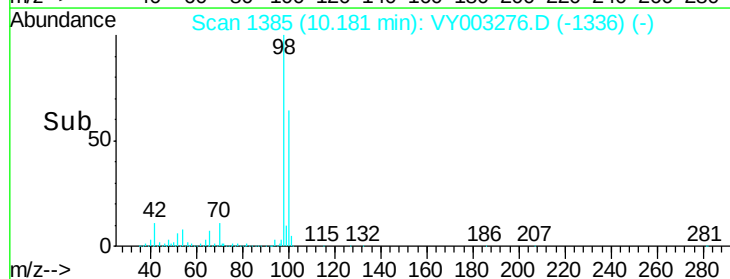
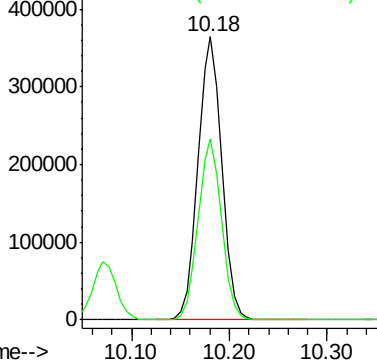
Ion Ratio Lower Upper

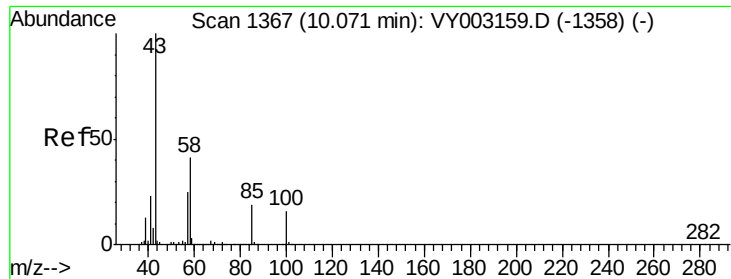
98 100

100 63.1 50.7 76.1



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

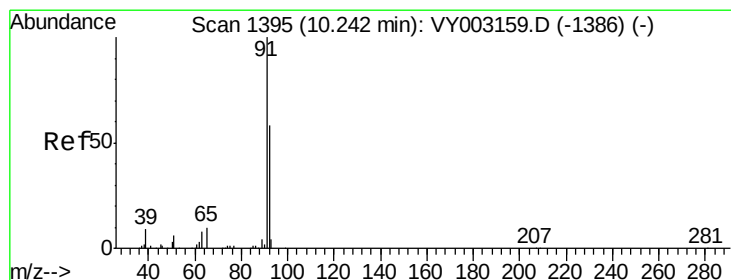
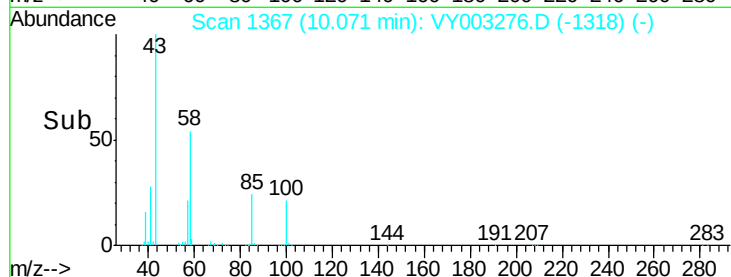
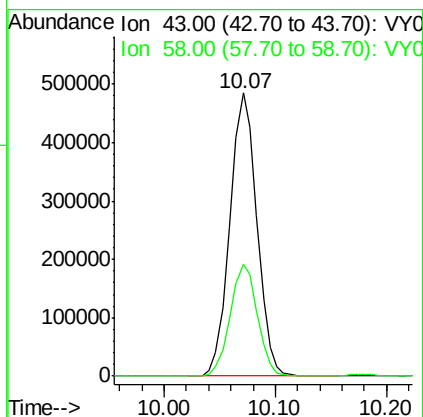
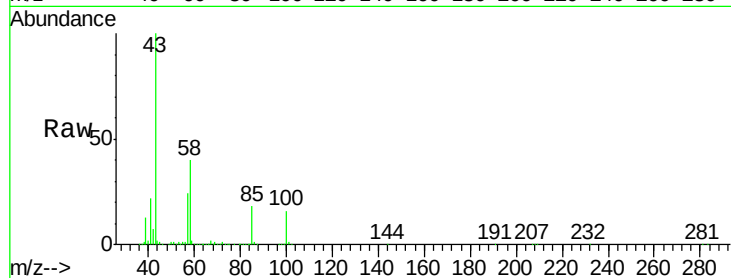




#51
4-Methyl-2-Pentanone
Concen: 276.152 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

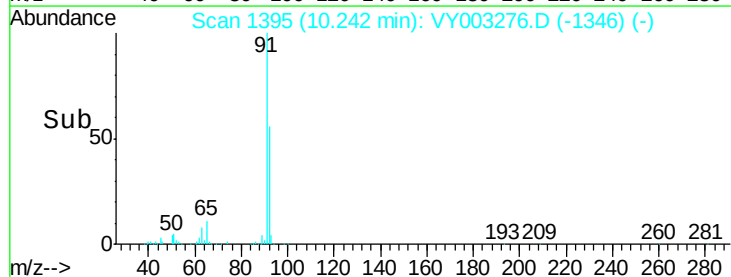
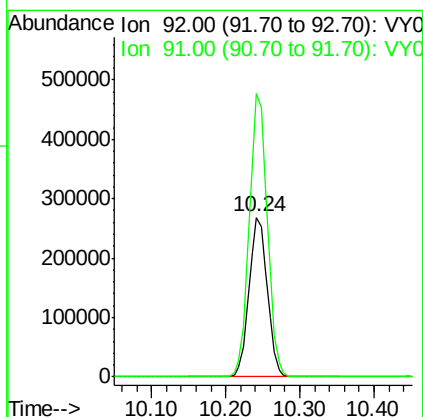
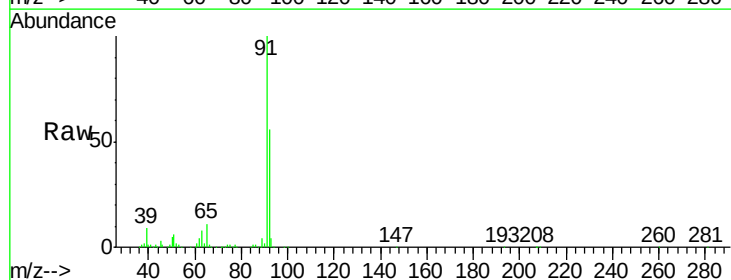
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

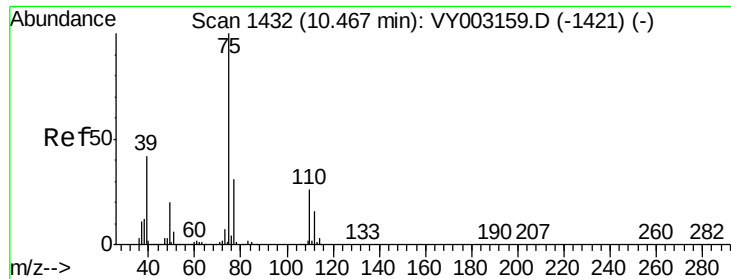
Tot Ion: 43 Resp: 814716
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1



#52
Toluene
Concen: 48.427 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 92 Resp: 464085
Ion Ratio Lower Upper
92 100
91 175.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.781 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

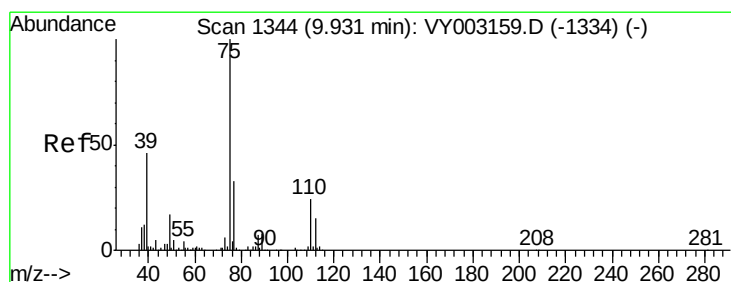
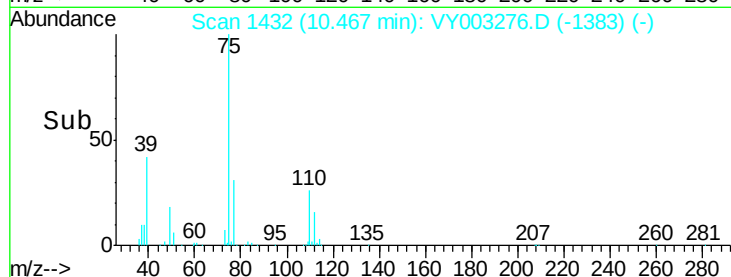
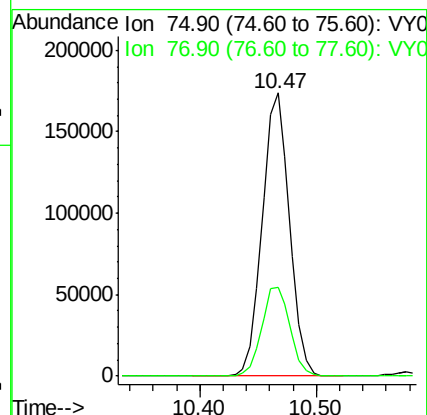
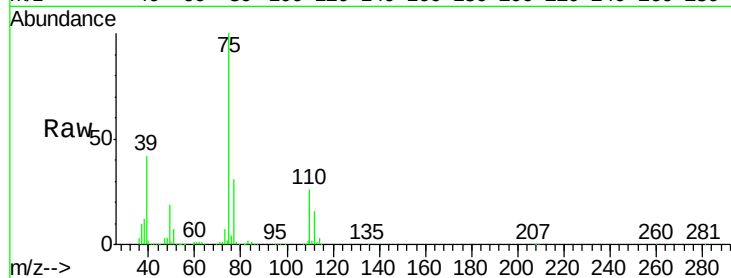
VSTDCCC050EC

Tot Ion: 75 Resp: 283542

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.099 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

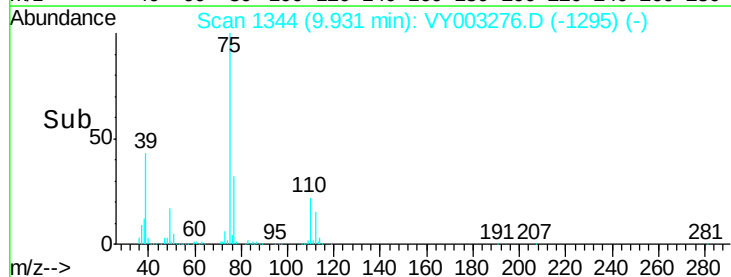
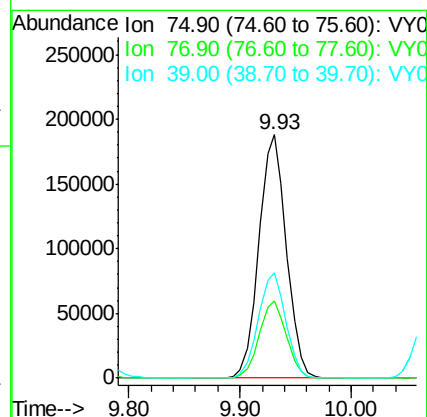
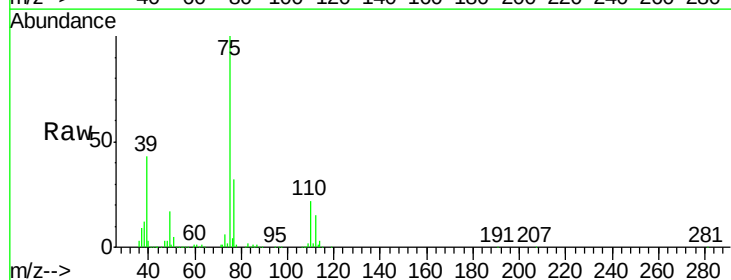
Tgt Ion: 75 Resp: 322308

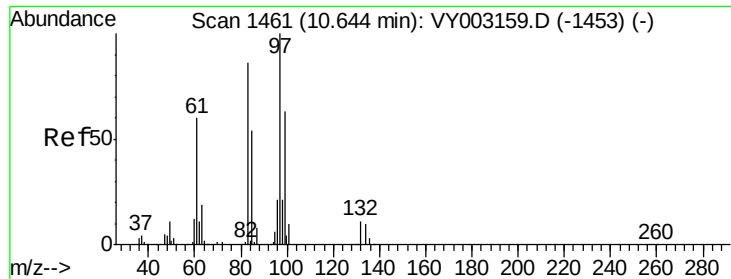
Ion Ratio Lower Upper

75 100

77 31.6 26.7 40.1

39 43.0 37.0 55.6



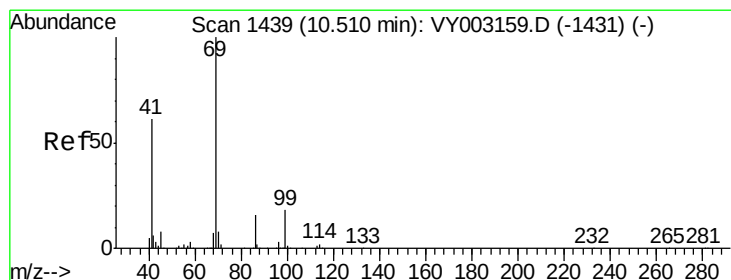
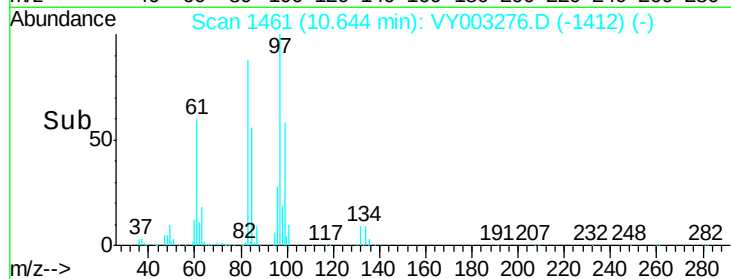
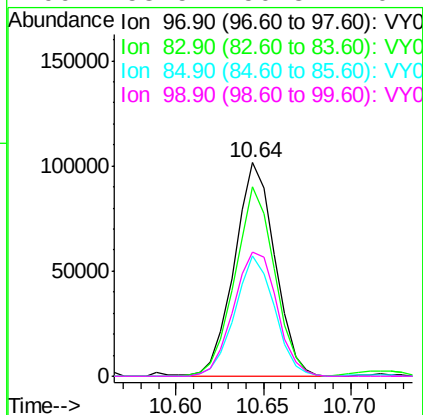
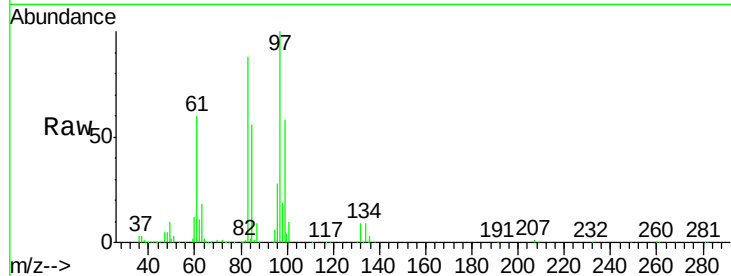


#55
 1,1,2-Trichloroethane
 Concen: 50.698 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 162786

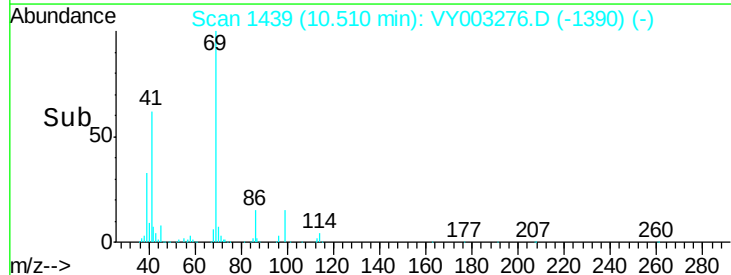
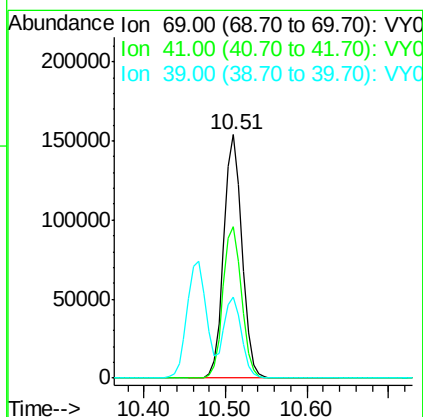
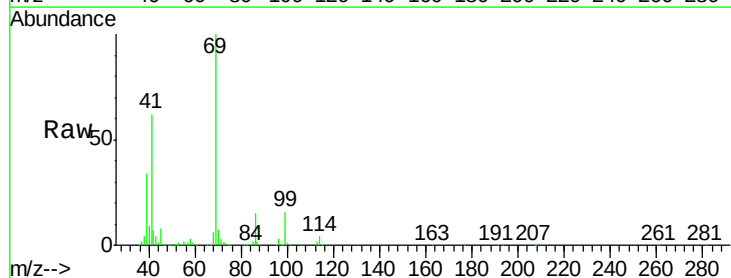
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.8	103.2
85	56.2	43.1	64.7
99	58.5	50.8	76.2

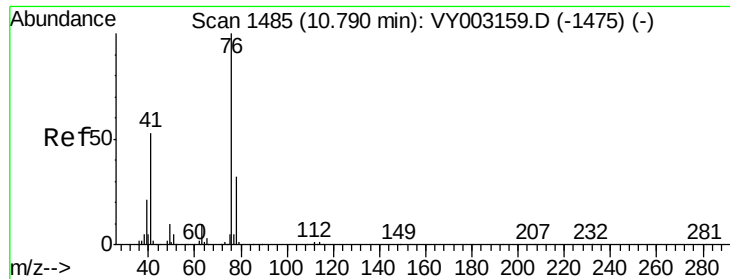


#56
 Ethyl methacrylate
 Concen: 54.344 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 69 Resp: 237228

Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.0	75.0
39	32.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 51.984 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

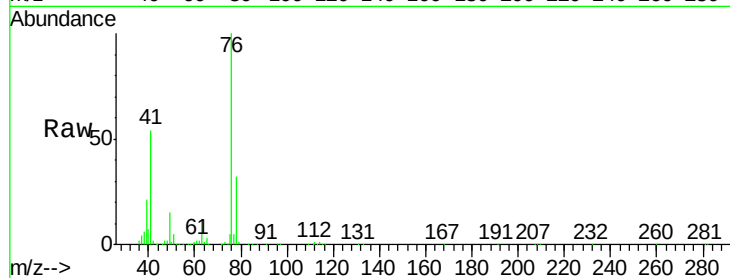
VSTDCCC050EC

Tot Ion: 76 Resp: 283014

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

200000

150000

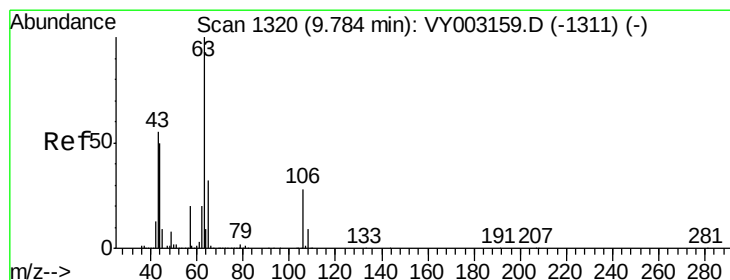
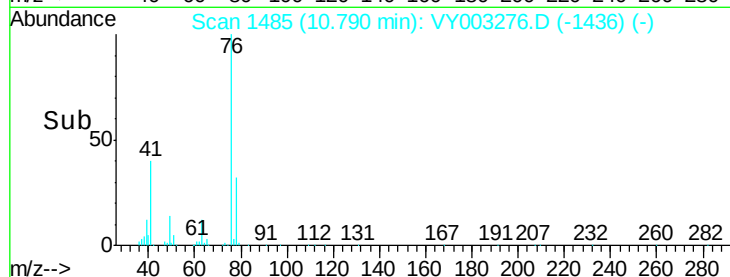
100000

50000

0

10.70 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.346 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003276.D

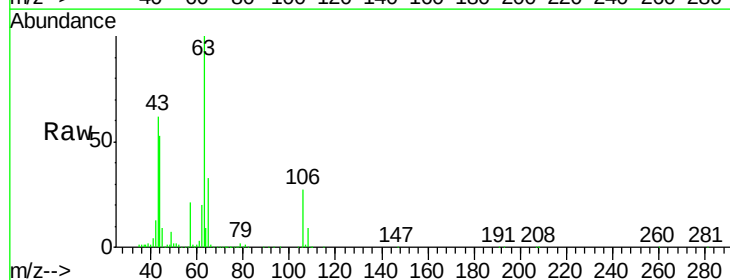
Acq: 22 Jul 2020 02:01

Tgt Ion: 63 Resp: 626365

Ion Ratio Lower Upper

63 100

106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

400000

300000

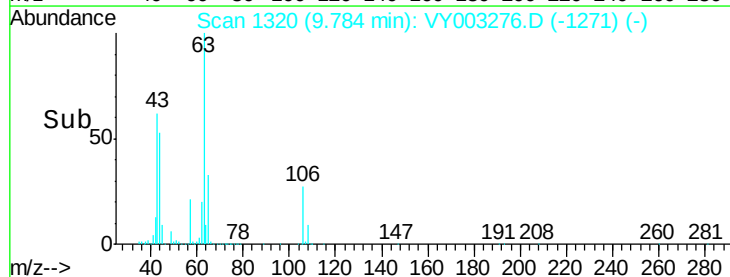
200000

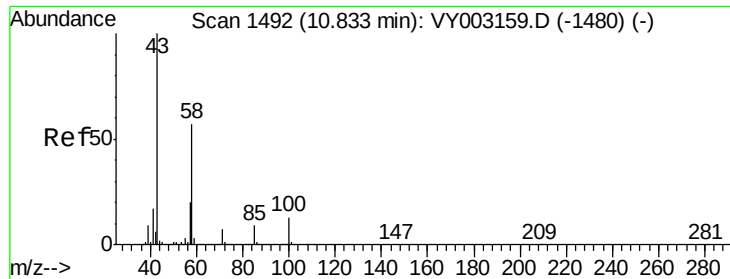
100000

0

9.70 9.80 9.90

Time-->

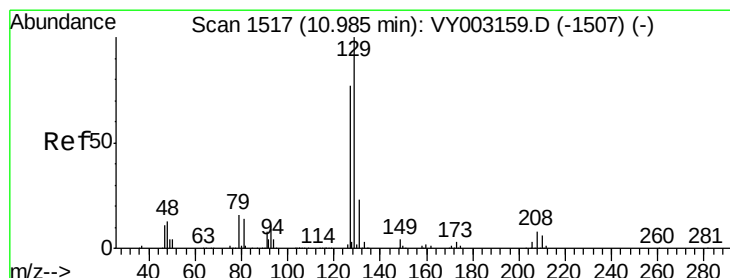
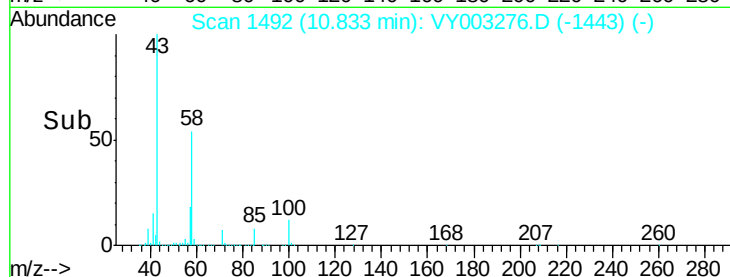
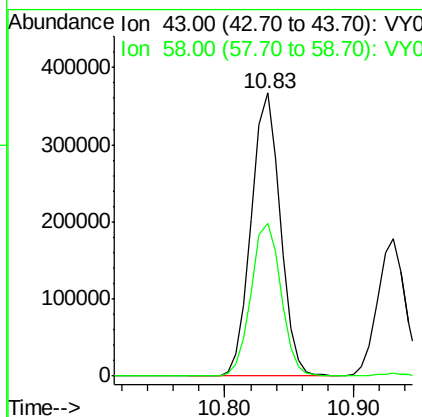
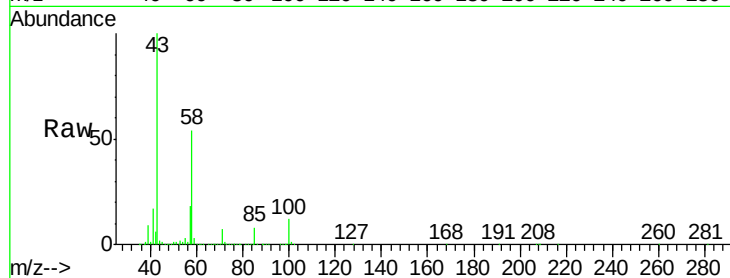




#59
 2-Hexanone
 Concen: 276.895 ug/l
 RT: 10.83 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

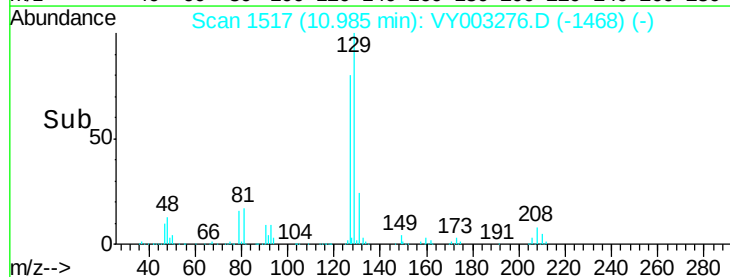
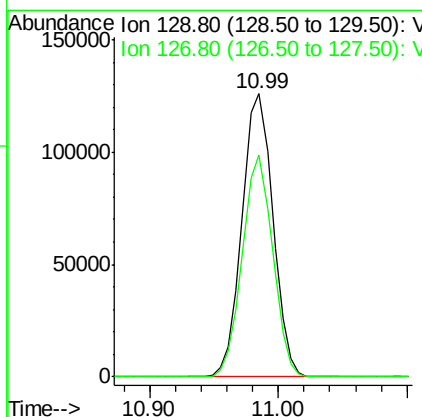
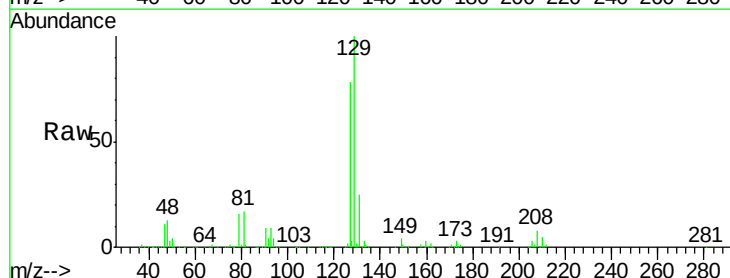
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

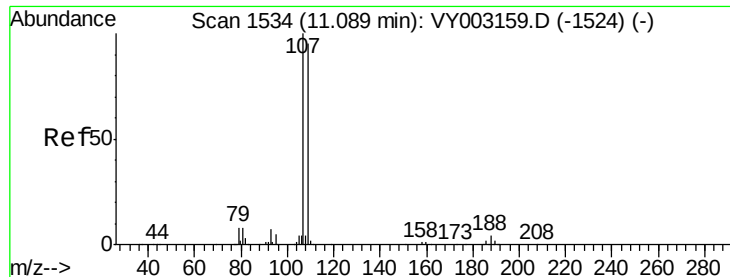
Tot Ion: 43 Resp: 570260
 Ion Ratio Lower Upper
 43 100
 58 55.5 28.3 85.0



#60
 Dibromochloromethane
 Concen: 51.904 ug/l
 RT: 10.99 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 129 Resp: 209614
 Ion Ratio Lower Upper
 129 100
 127 76.9 38.5 115.5

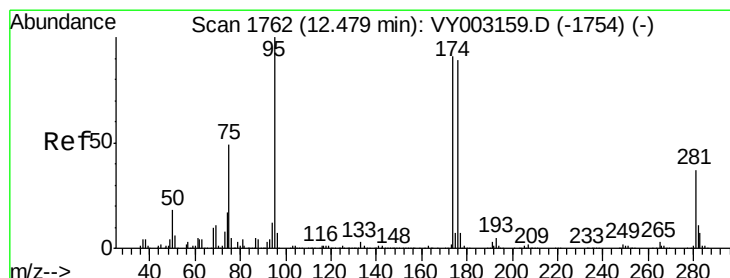
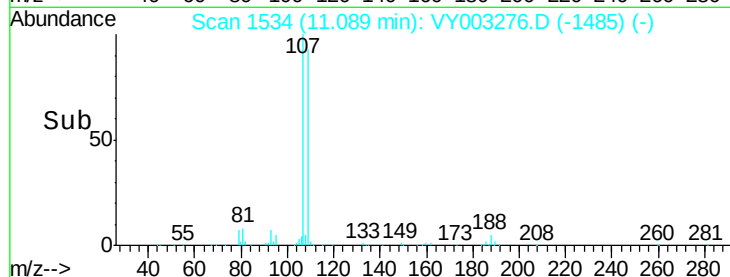
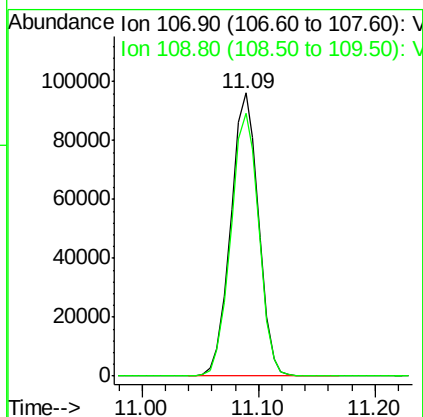
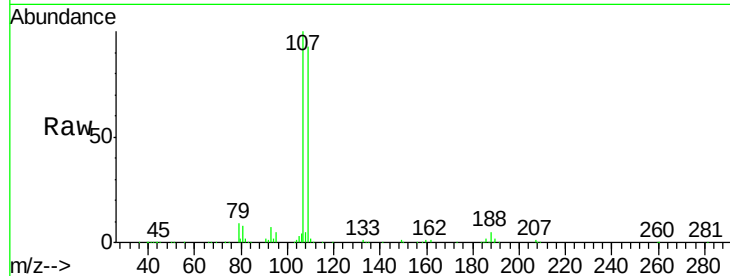




#61
 1,2-Dibromoethane
 Concen: 50.269 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

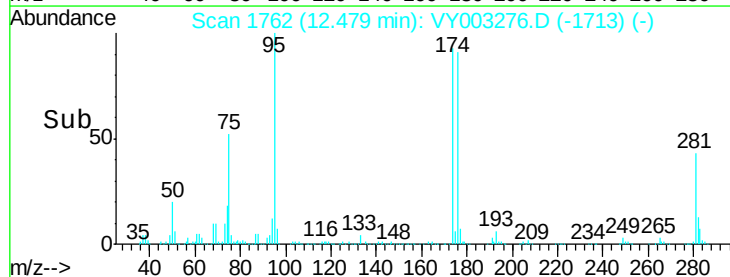
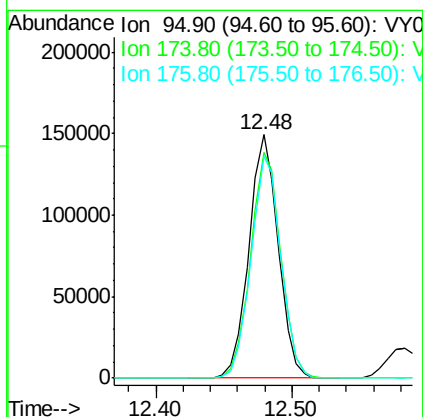
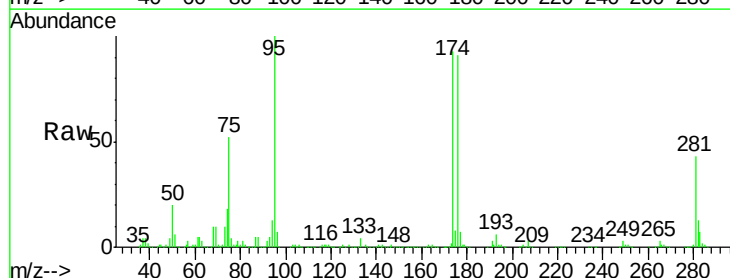
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

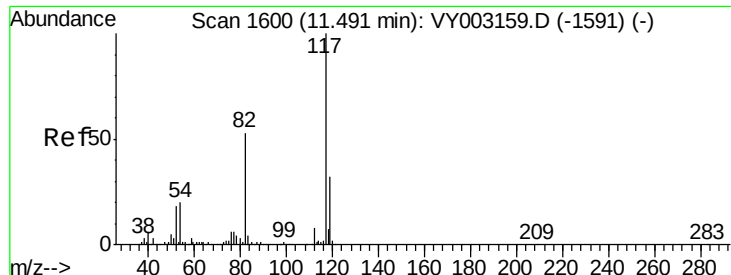
Tot Ion: 107 Resp: 159305
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.369 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion: 95 Resp: 224610
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 190.6
 176 93.1 0.0 186.4

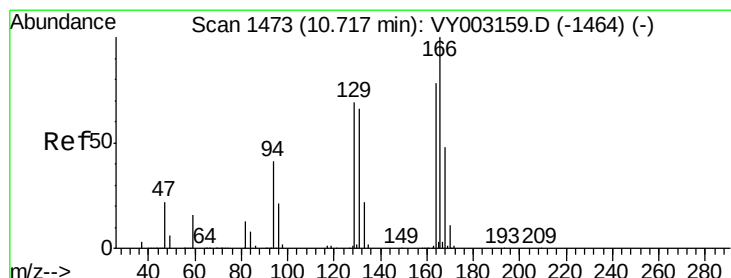
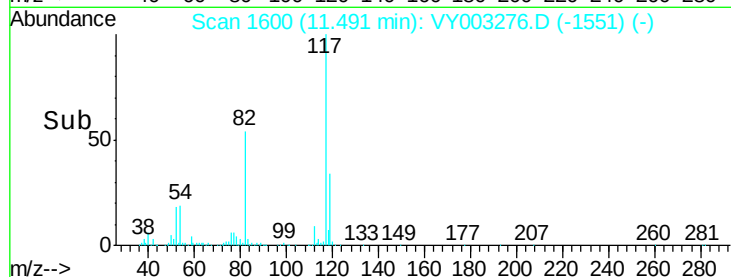
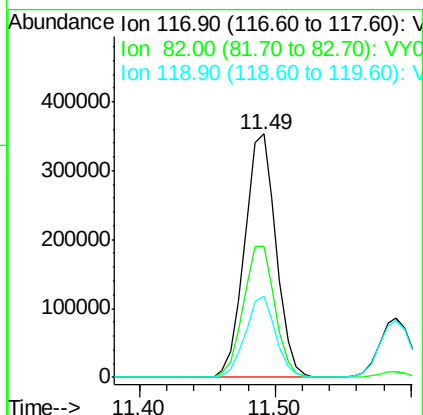
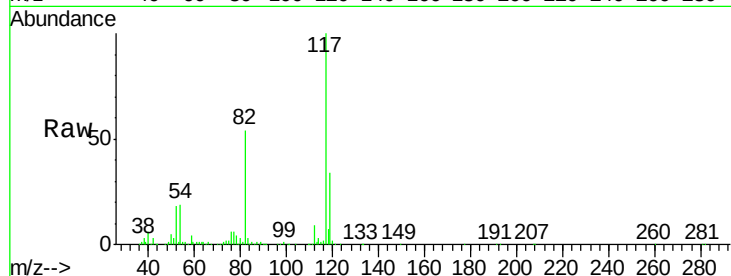




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

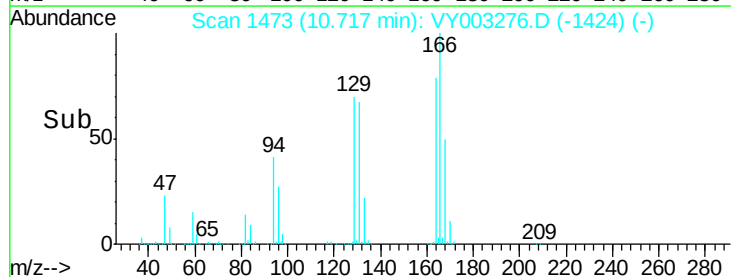
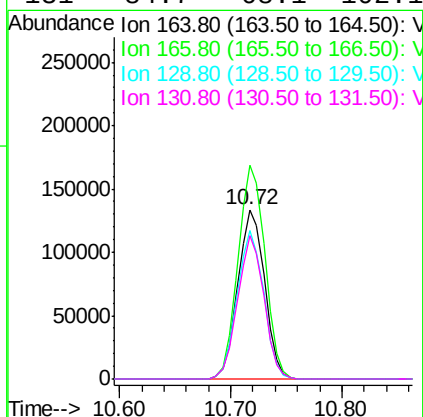
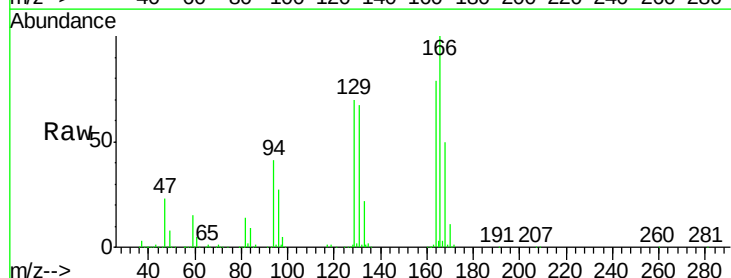
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

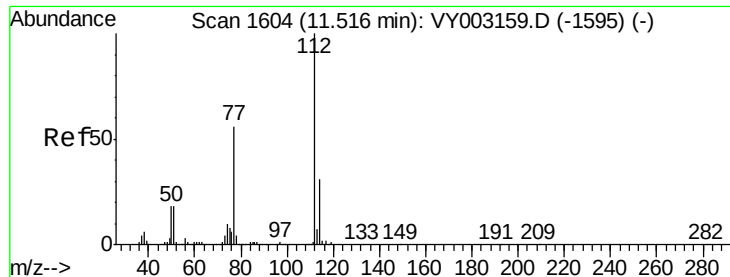
Tot Ion:117 Resp: 570517
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 33.5 25.5 38.3



#64
Tetrachloroethene
Concen: 43.729 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:164 Resp: 222448
Ion Ratio Lower Upper
164 100
166 126.0 102.9 154.3
129 87.6 71.4 107.2
131 84.7 68.1 102.1

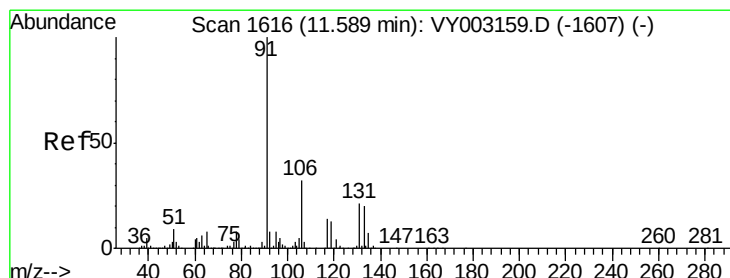
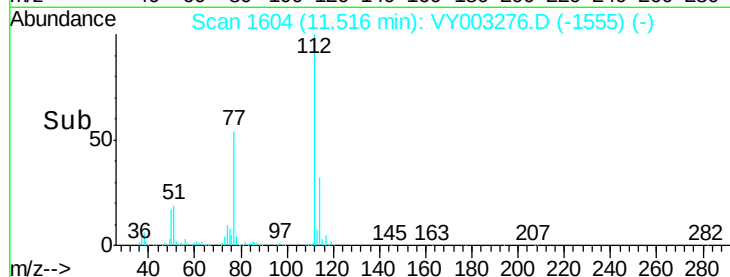
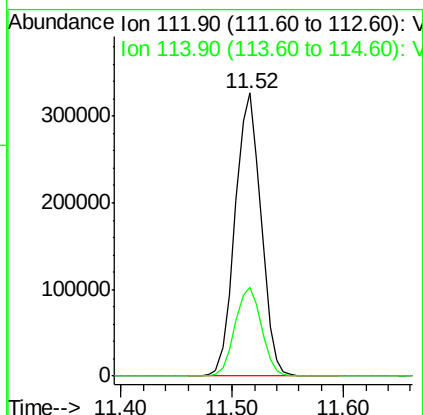
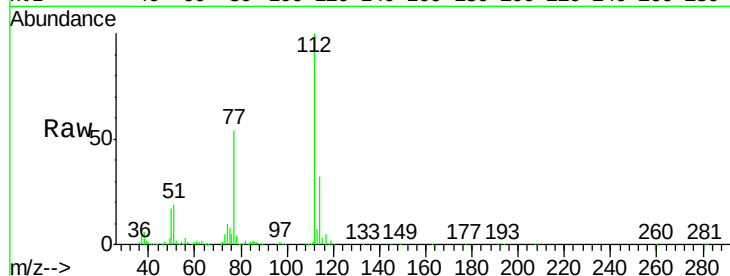




#65
Chlorobenzene
Concen: 47.808 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

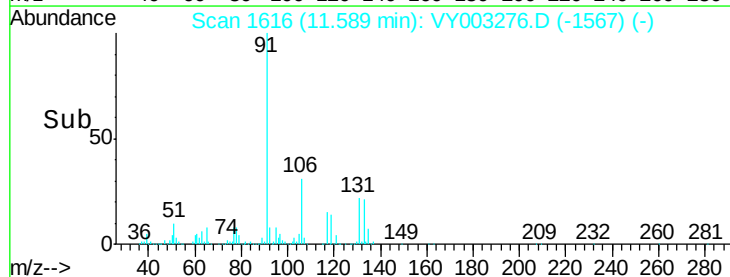
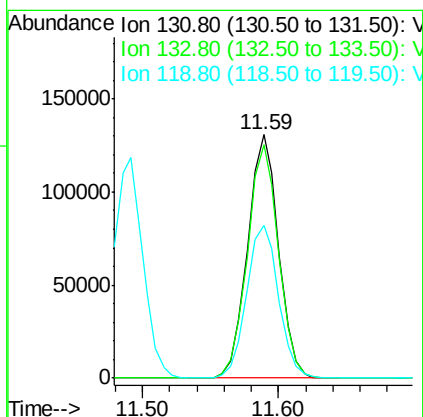
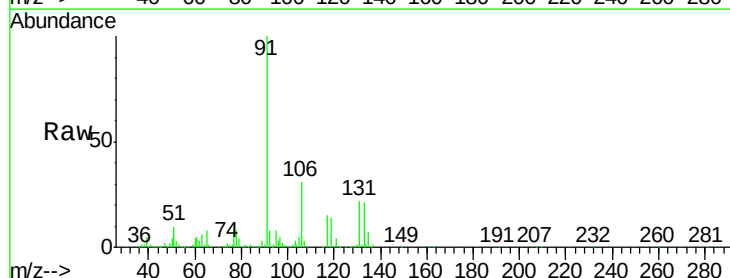
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

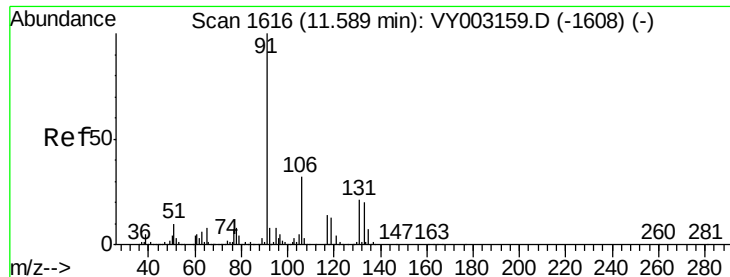
Tot Ion:112 Resp: 525440
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.686 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:131 Resp: 207826
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.0
119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 46.676 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

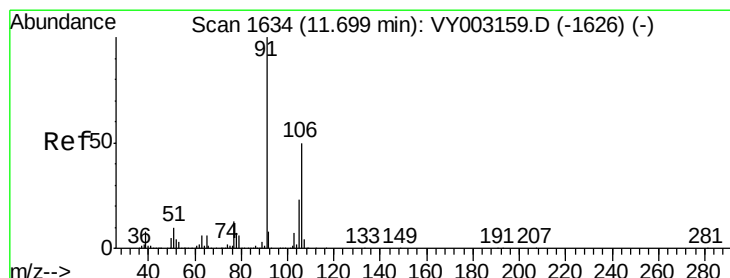
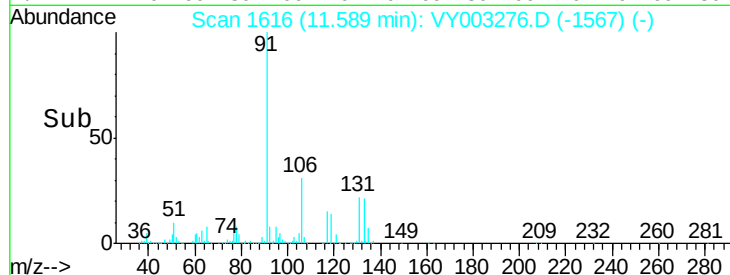
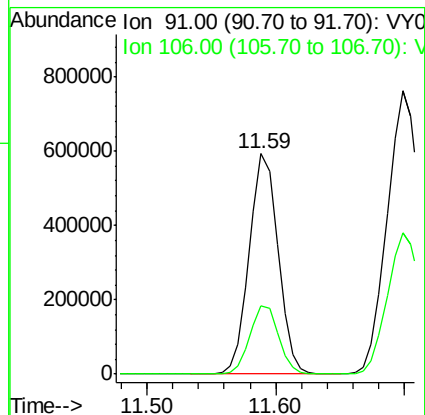
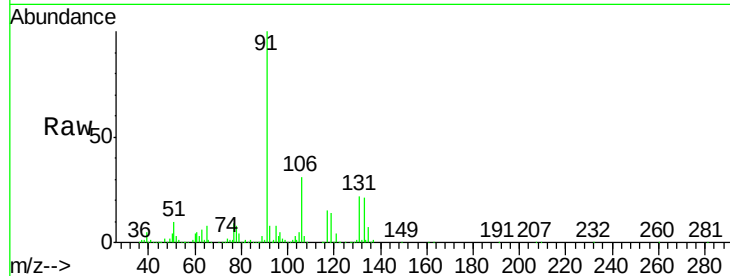
VSTDCCC050EC

Tot Ion: 91 Resp: 915961

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 93.084 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003276.D

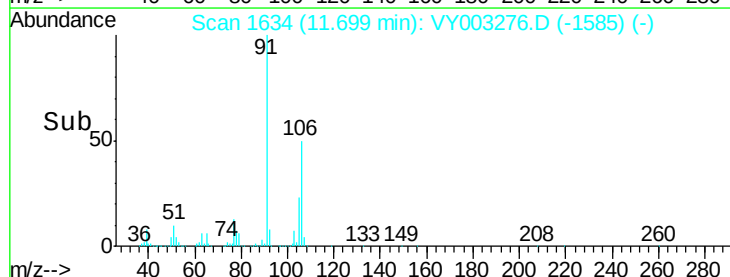
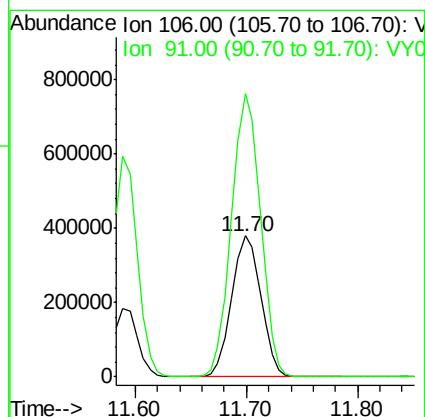
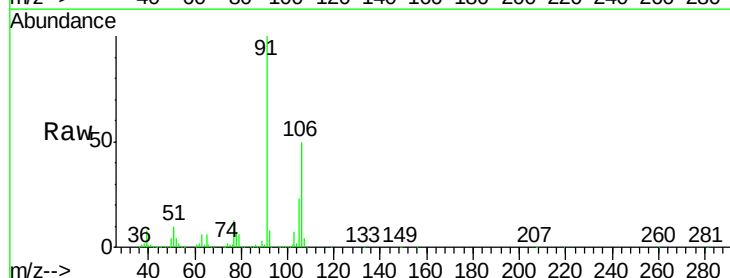
Acq: 22 Jul 2020 02:01

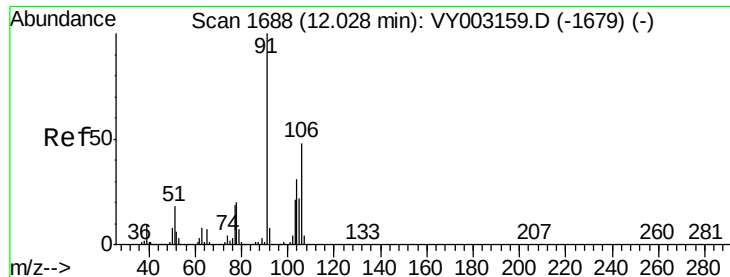
Tgt Ion: 106 Resp: 693093

Ion Ratio Lower Upper

106 100

91 199.3 159.0 238.6

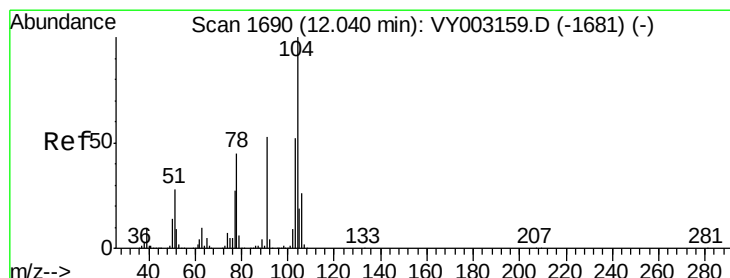
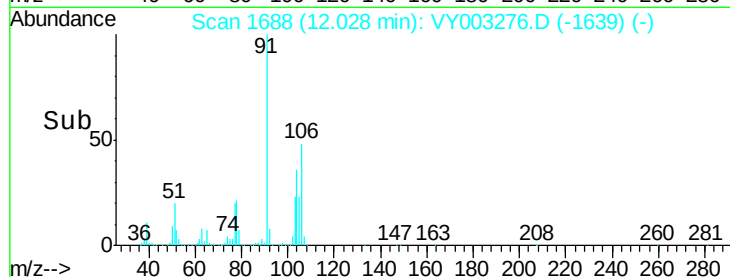
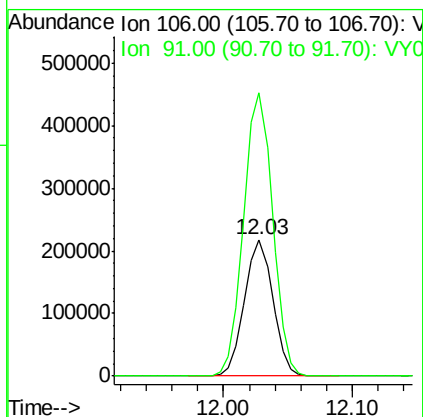
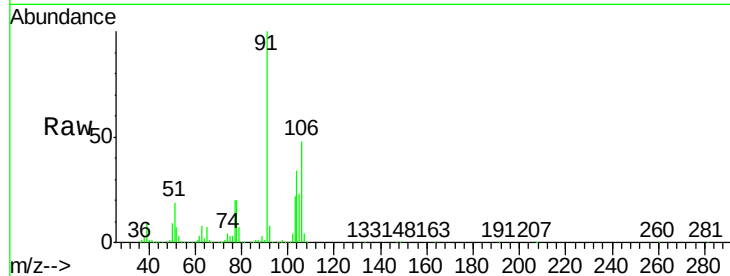




#69
o-Xylene
Concen: 47.669 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

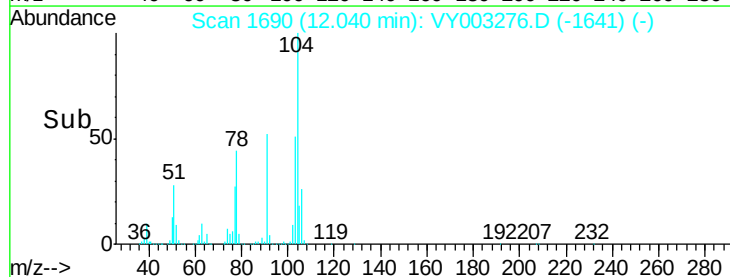
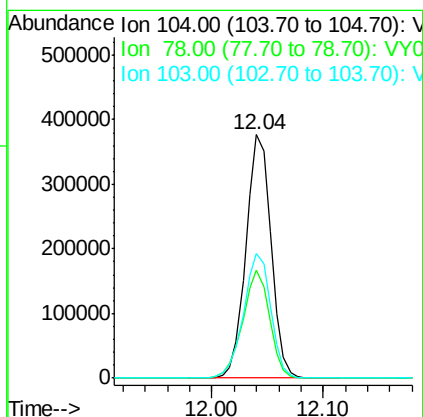
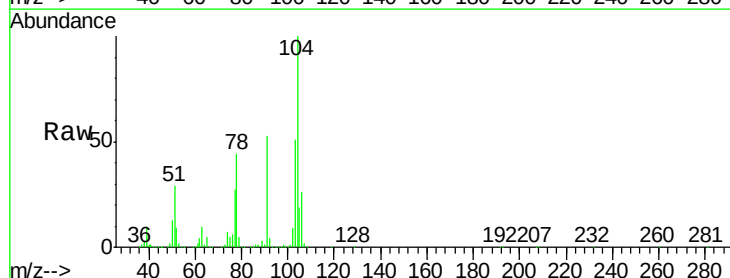
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

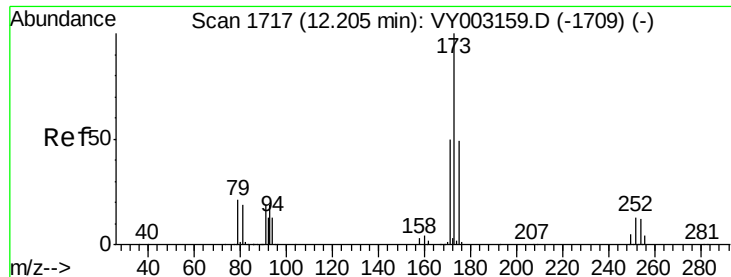
Tot Ion:106 Resp: 331587
Ion Ratio Lower Upper
106 100
91 211.7 105.1 315.1



#70
Styrene
Concen: 49.609 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:104 Resp: 590321
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 55.3 43.9 65.9





#71

Bromoform

Concen: 50.173 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

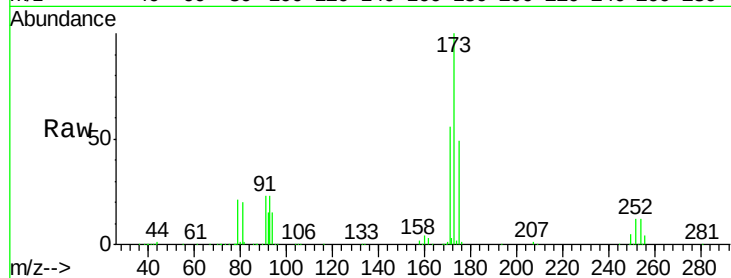
Tot Ion:173 Resp: 140568

Ion Ratio Lower Upper

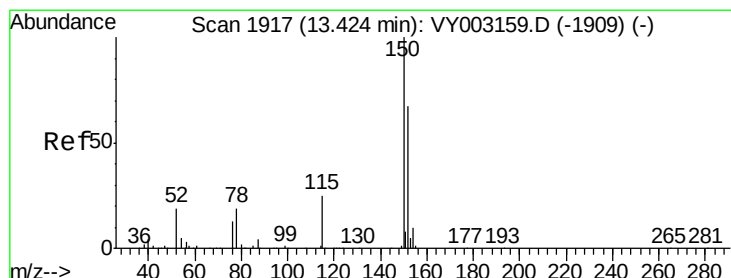
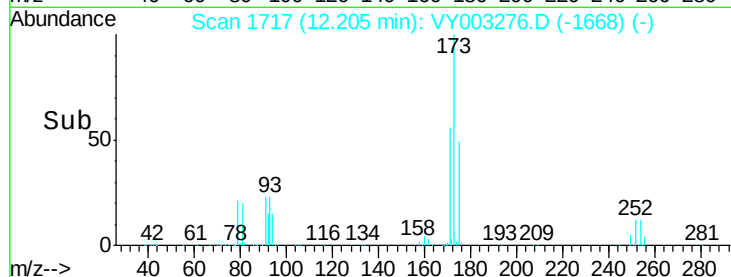
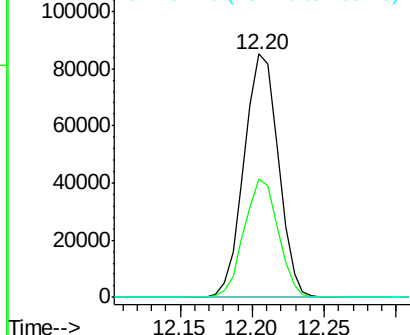
173 100

175 48.3 24.3 73.0

254 0.3 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: VY003276.D

Acq: 22 Jul 2020 02:01

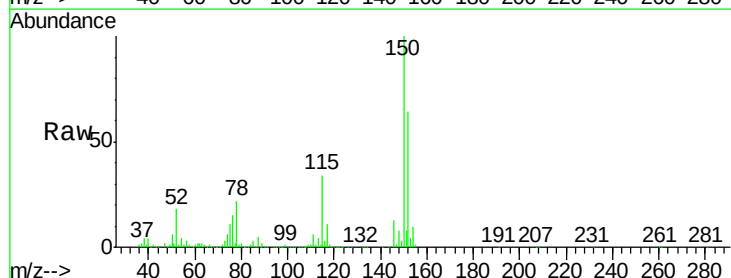
Tgt Ion:152 Resp: 310301

Ion Ratio Lower Upper

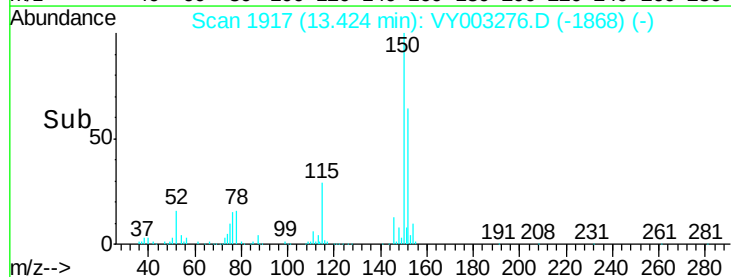
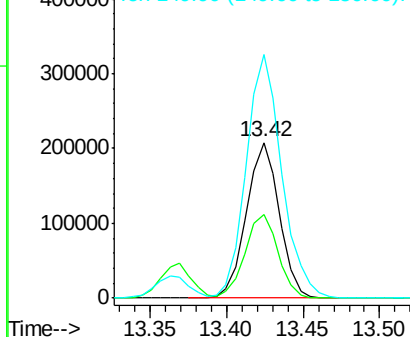
152 100

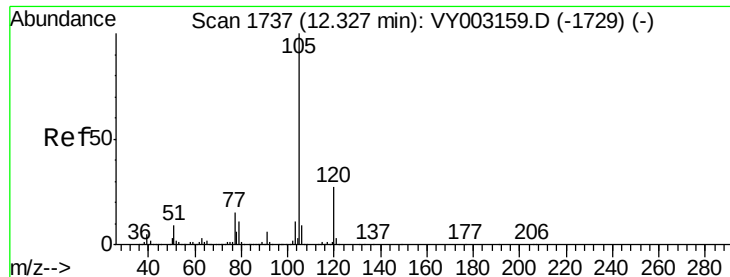
115 54.1 26.9 80.7

150 169.2 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: 44.610 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

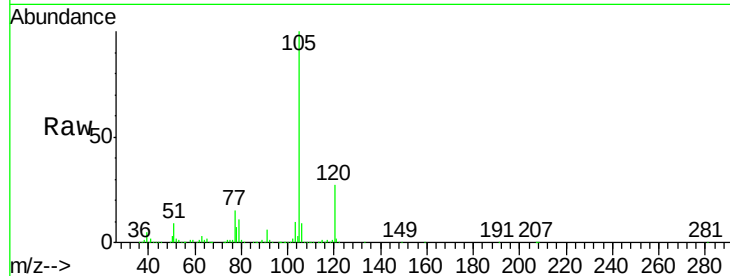
VSTDCCC050EC

Tot Ion:105 Resp: 882143

Ion Ratio Lower Upper

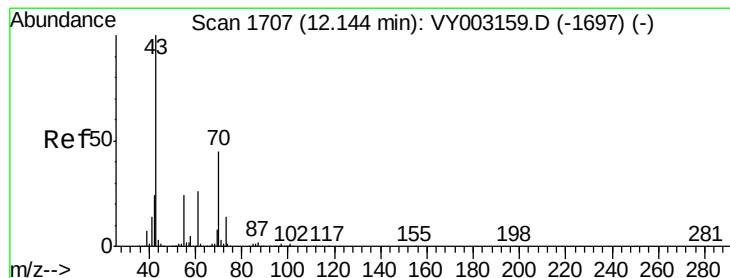
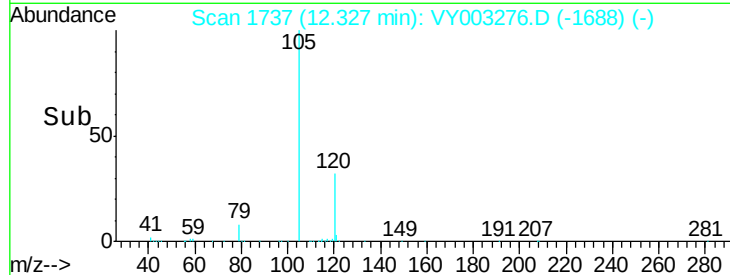
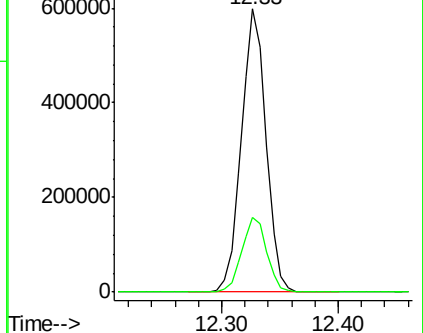
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.958 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion: 43 Resp: 288285

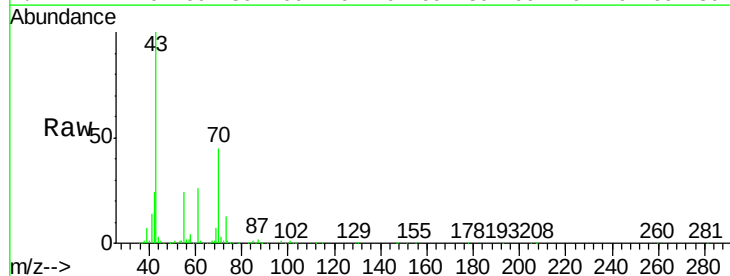
Ion Ratio Lower Upper

43 100

70 44.1 35.6 53.4

55 23.9 19.4 29.2

61 25.5 20.8 31.2

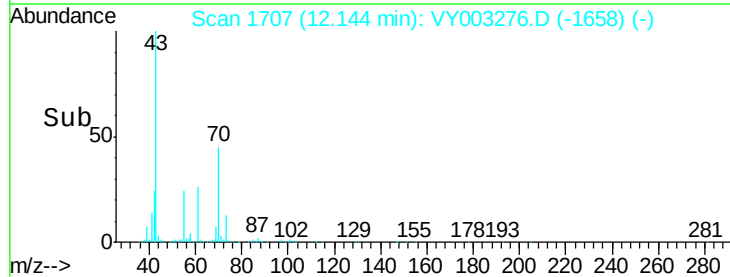
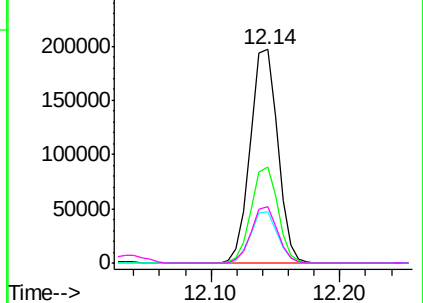


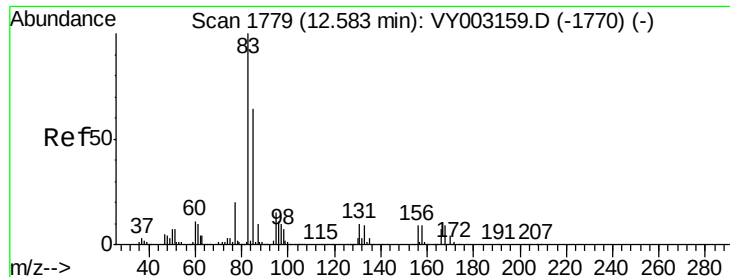
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.513 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

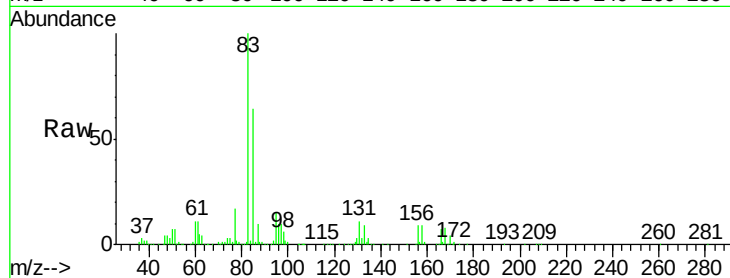
Tot Ion: 83 Resp: 192918

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

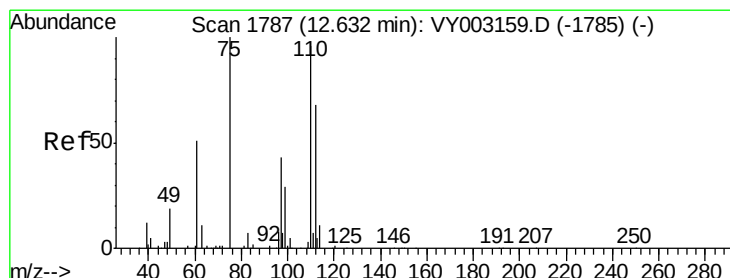
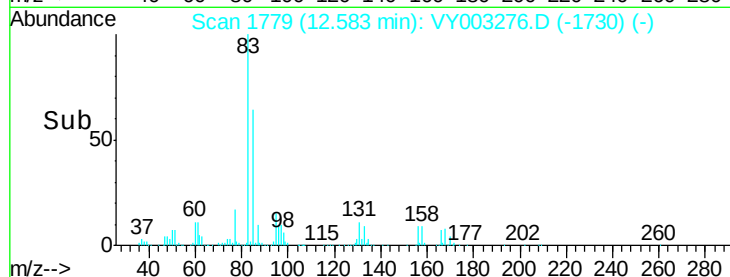
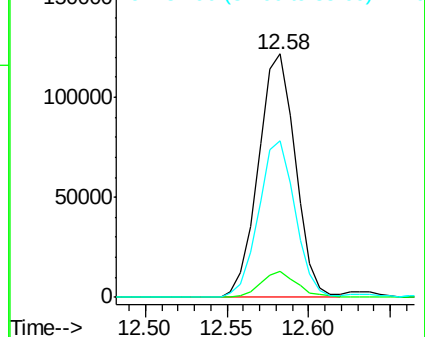
85 63.3 32.0 96.0



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: 95.644 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003276.D

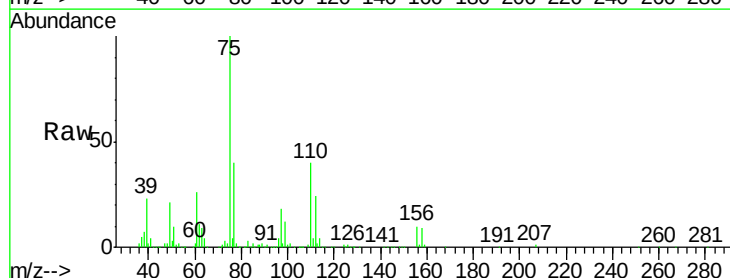
Acq: 22 Jul 2020 02:01

Tgt Ion: 75 Resp: 262706

Ion Ratio Lower Upper

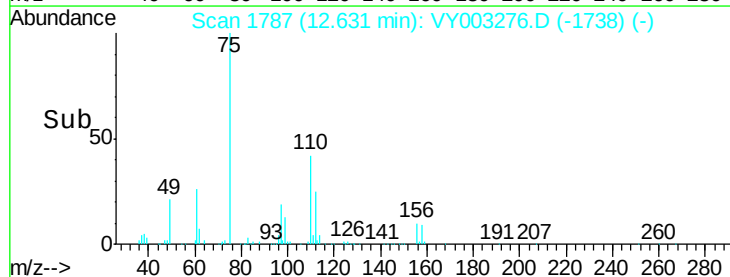
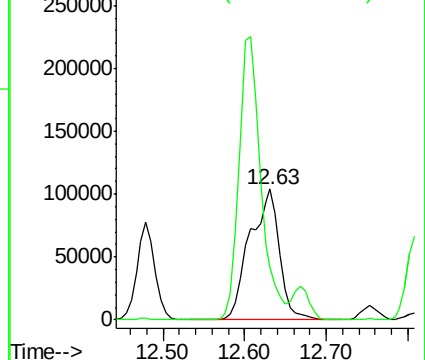
75 100

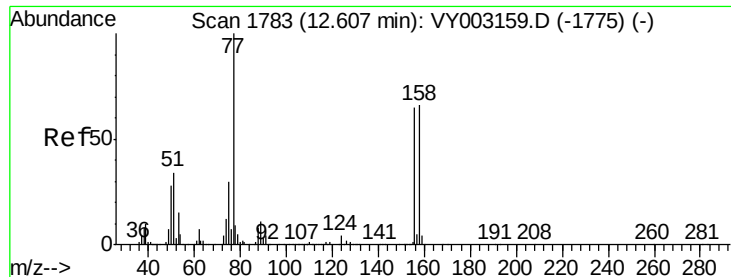
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 47.330 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

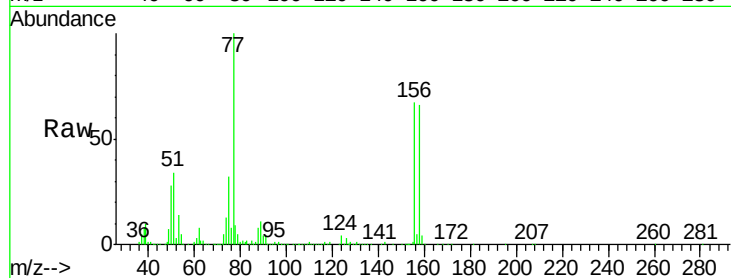
Tot Ion:156 Resp: 238571

Ion Ratio Lower Upper

156 100

77 174.0 86.6 259.7

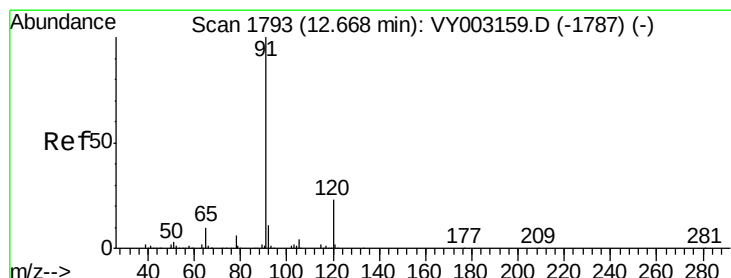
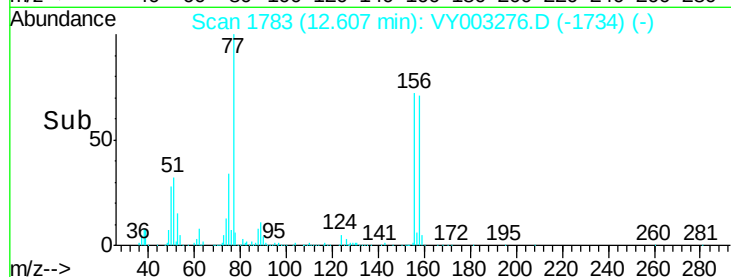
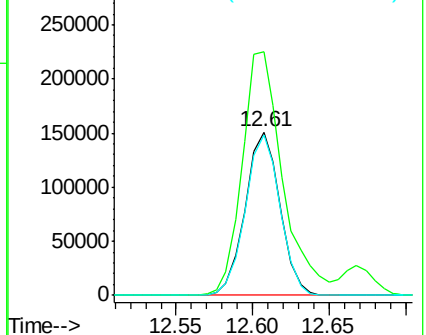
158 98.1 49.4 148.0



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: 45.088 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003276.D

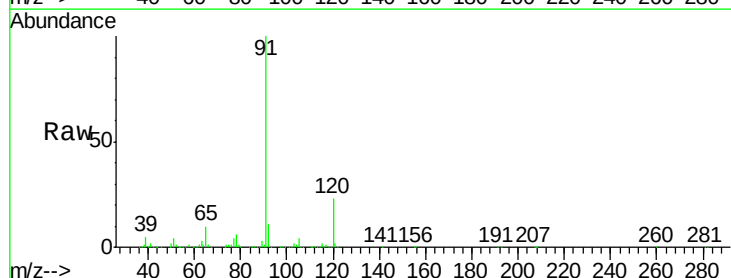
Acq: 22 Jul 2020 02:01

Tgt Ion: 91 Resp: 1050953

Ion Ratio Lower Upper

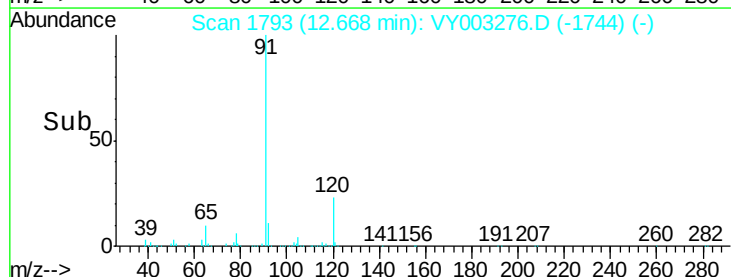
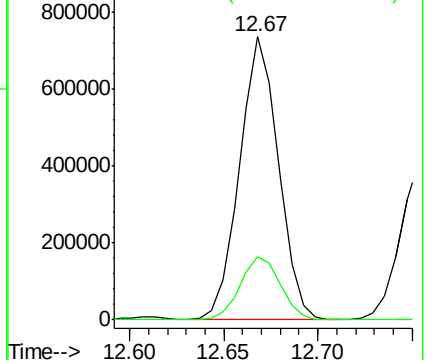
91 100

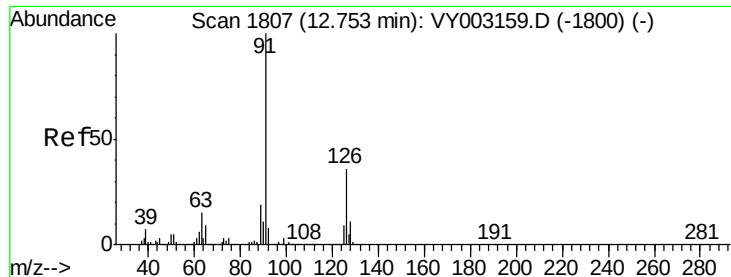
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.151 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

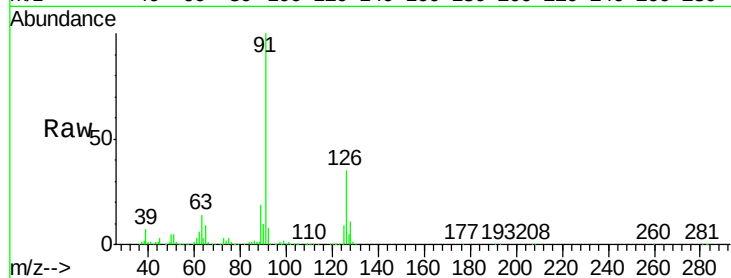
VSTDCCC050EC

Tot Ion: 91 Resp: 600196

Ion Ratio Lower Upper

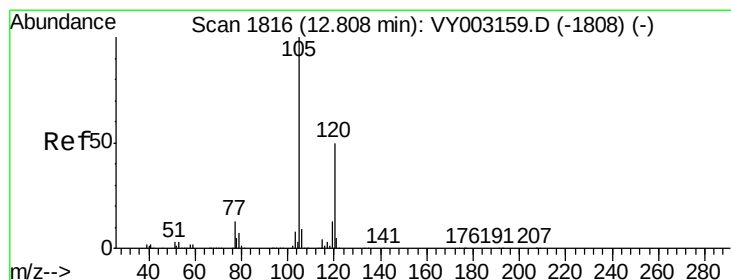
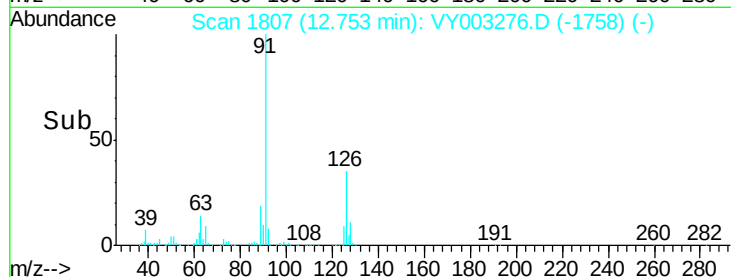
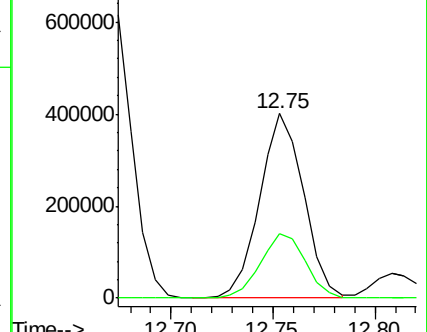
91 100

126 35.9 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003159.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.970 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003276.D

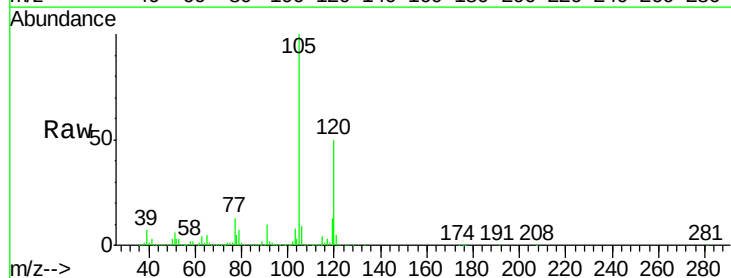
Acq: 22 Jul 2020 02:01

Tgt Ion: 105 Resp: 757634

Ion Ratio Lower Upper

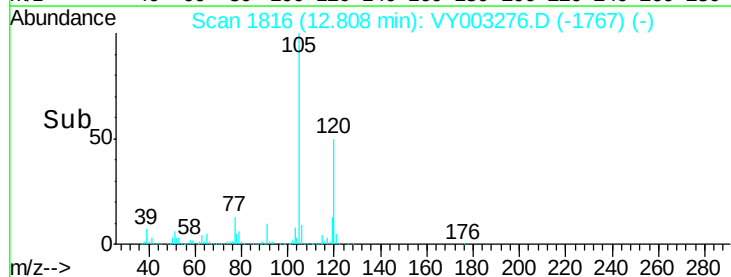
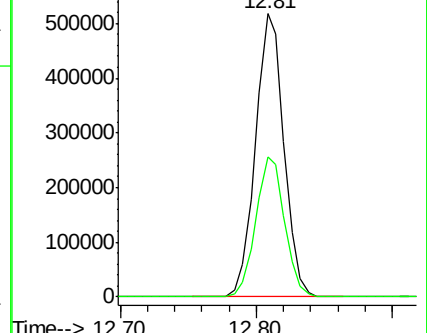
105 100

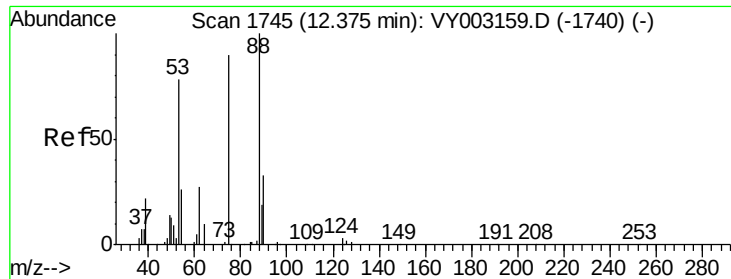
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003159.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003159.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.934 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

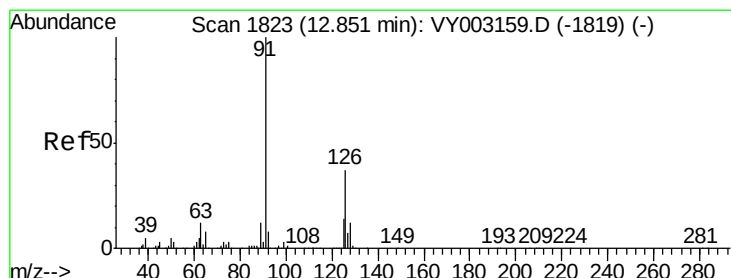
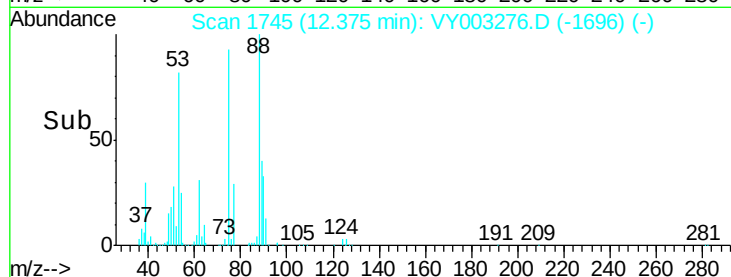
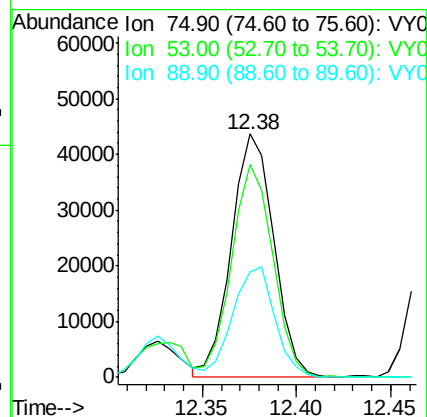
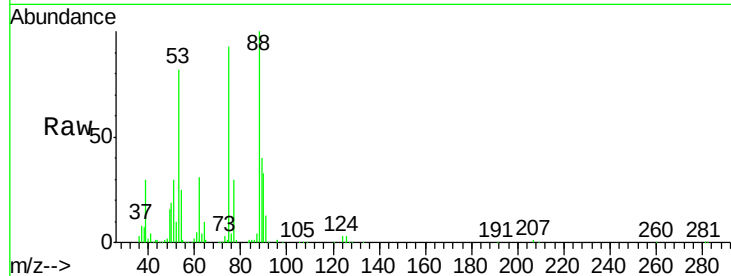
Tot Ion: 75 Resp: 67650

Ion Ratio Lower Upper

75 100

53 86.9 72.0 108.0

89 45.2 37.3 55.9



#82

4-Chlorotoluene

Concen: 46.259 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003276.D

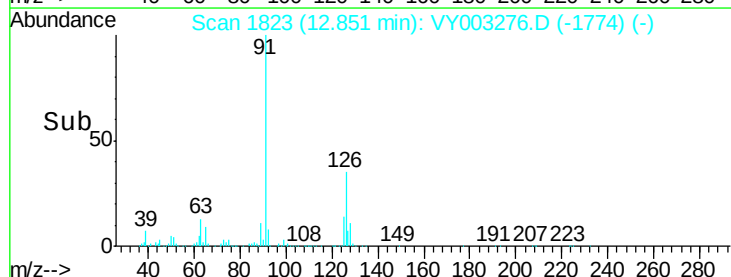
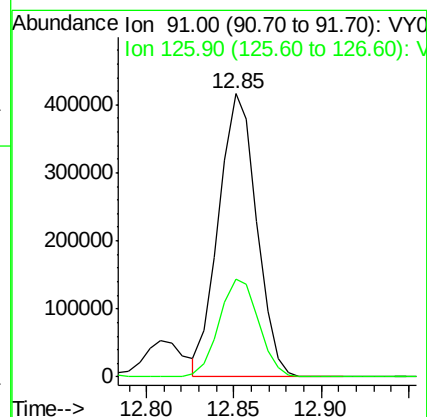
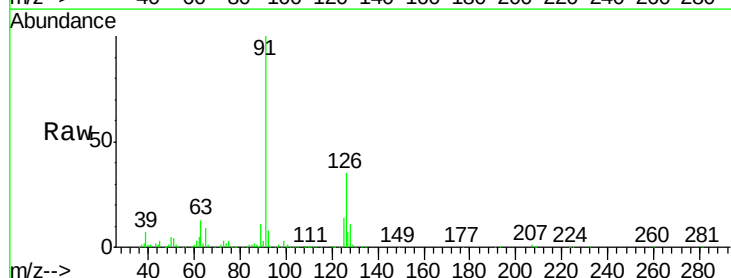
Acq: 22 Jul 2020 02:01

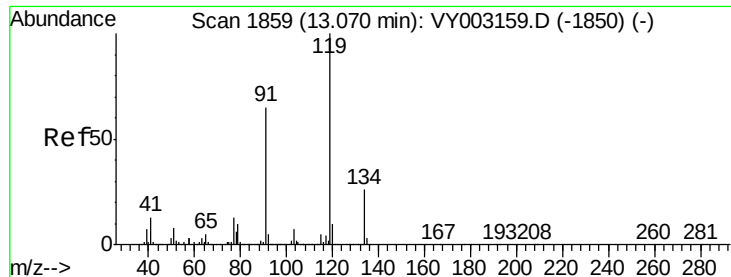
Tgt Ion: 91 Resp: 627919

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7





#83

tert-Butylbenzene

Concen: 45.084 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

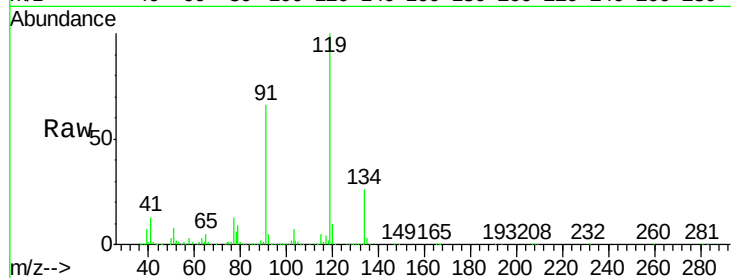
Tot Ion:119 Resp: 655623

Ion Ratio Lower Upper

119 100

91 62.8 30.8 92.4

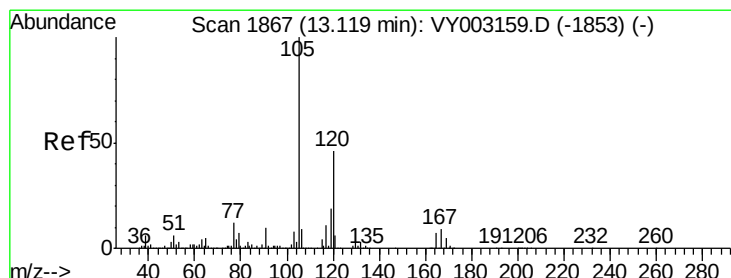
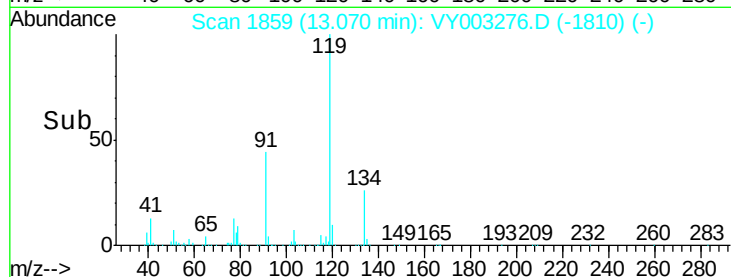
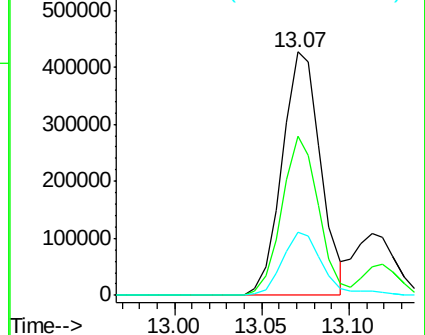
134 27.3 13.2 39.6



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: 46.495 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003276.D

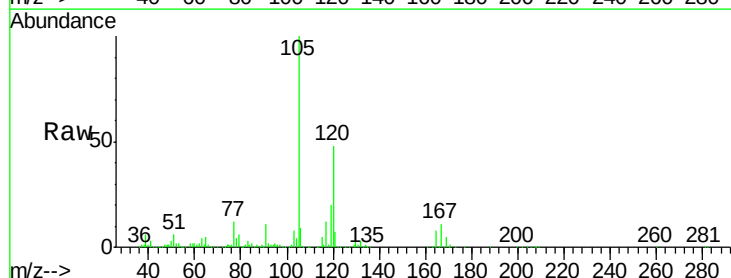
Acq: 22 Jul 2020 02:01

Tgt Ion:105 Resp: 771012

Ion Ratio Lower Upper

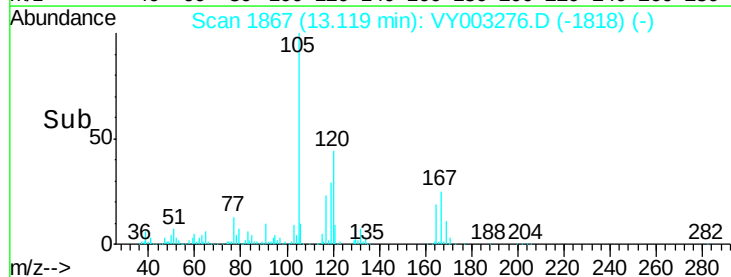
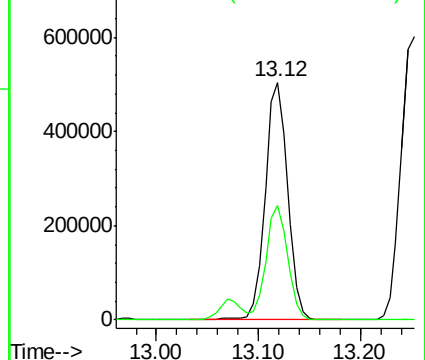
105 100

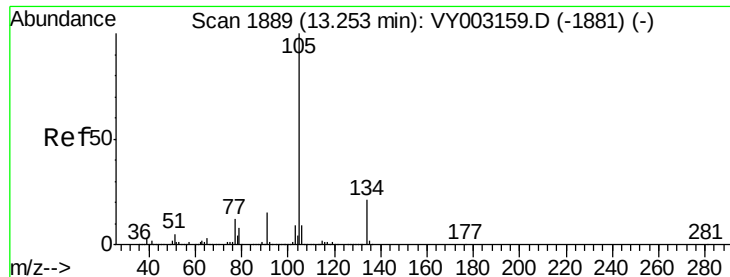
120 46.7 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.021 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

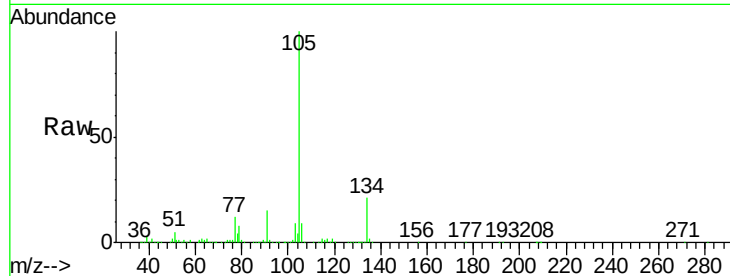
VSTDCCC050EC

Tot Ion:105 Resp: 899858

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

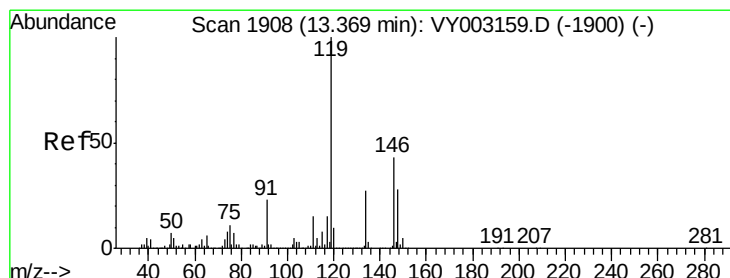
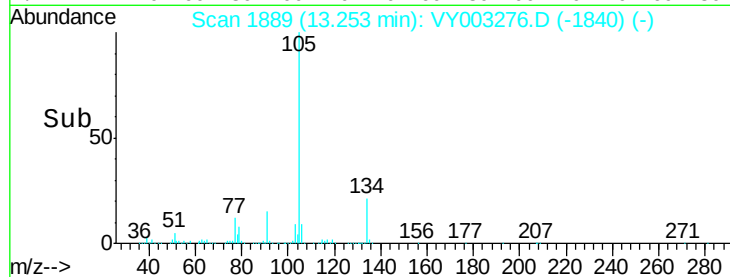
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.127 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

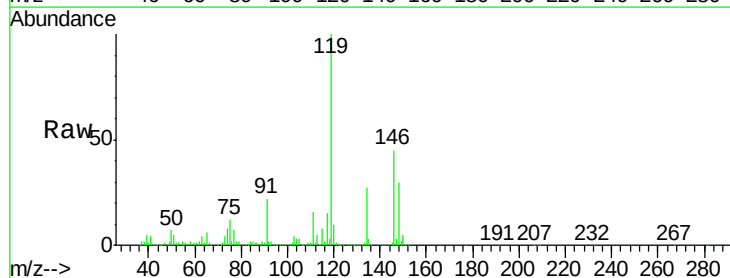
Tgt Ion:119 Resp: 842180

Ion Ratio Lower Upper

119 100

134 27.5 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

800000

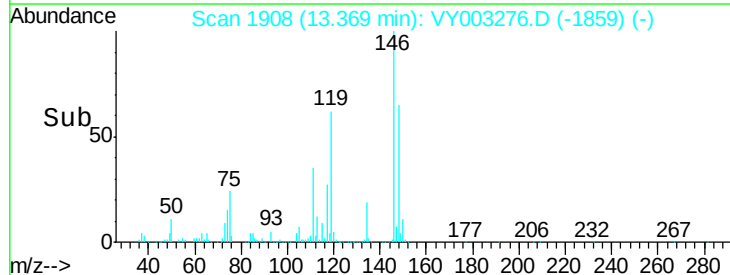
600000

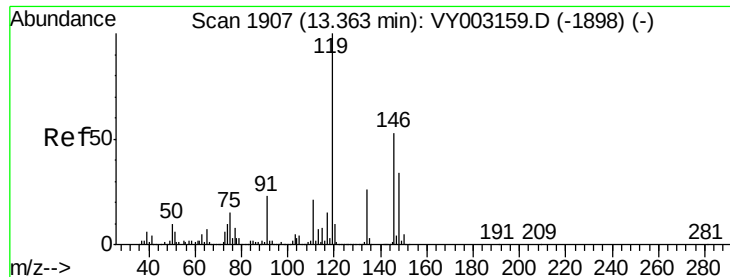
400000

200000

0

Time-->

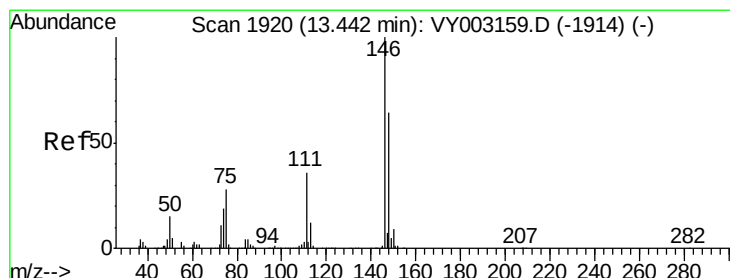
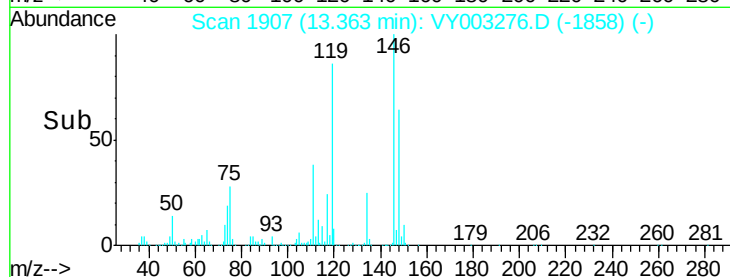
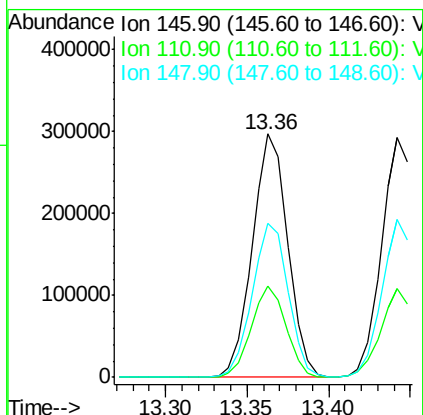
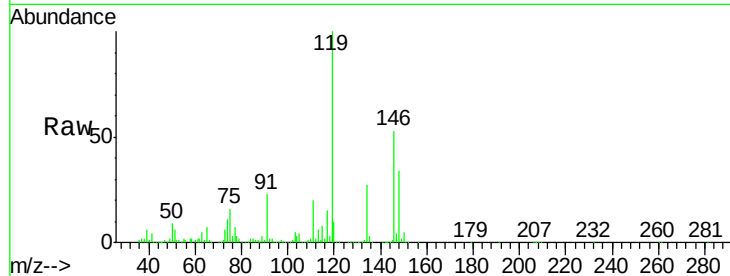




#87
1,3-Dichlorobenzene
Concen: 47.123 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

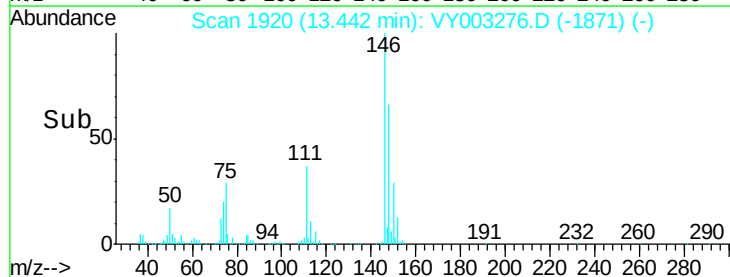
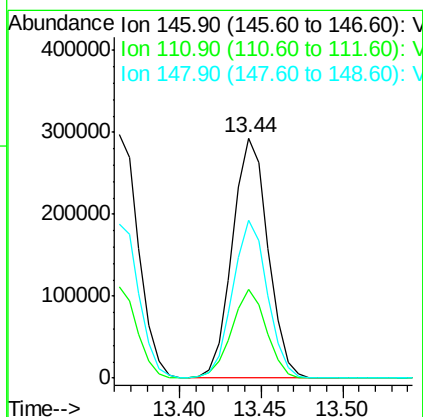
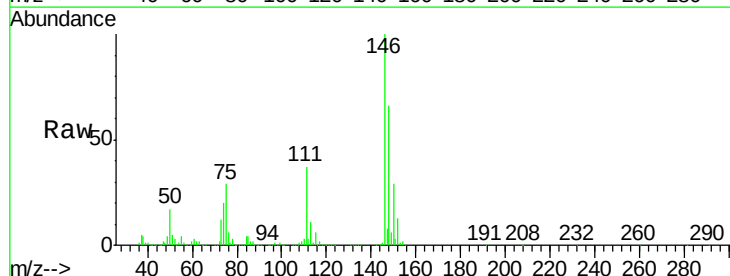
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

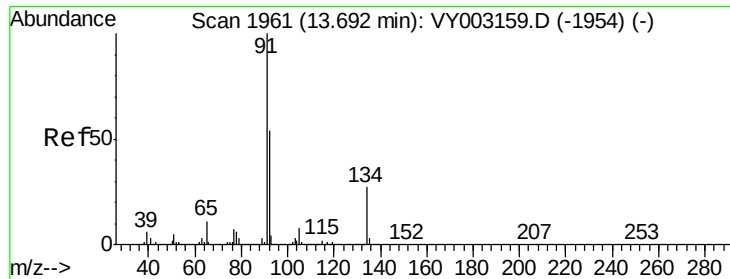
Tot Ion:146 Resp: 449174
Ion Ratio Lower Upper
146 100
111 37.0 18.8 56.3
148 64.1 32.3 96.9



#88
1,4-Dichlorobenzene
Concen: 47.147 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:146 Resp: 444937
Ion Ratio Lower Upper
146 100
111 36.4 18.4 55.0
148 64.1 32.0 96.0

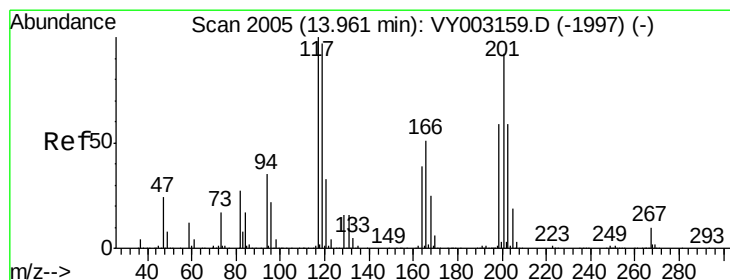
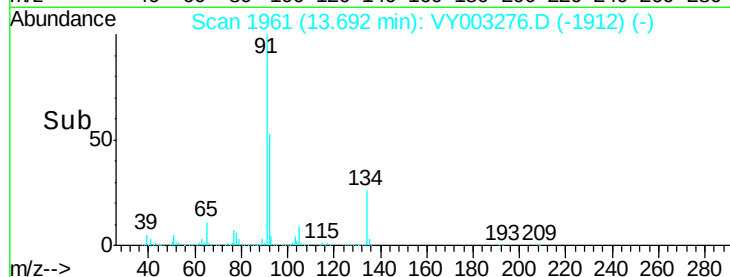
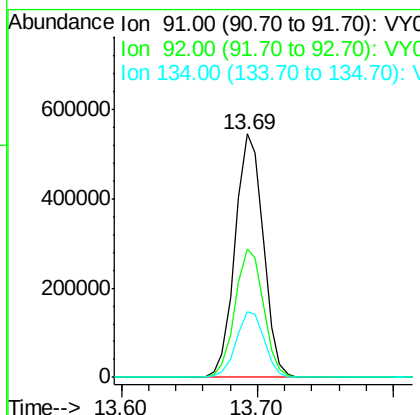
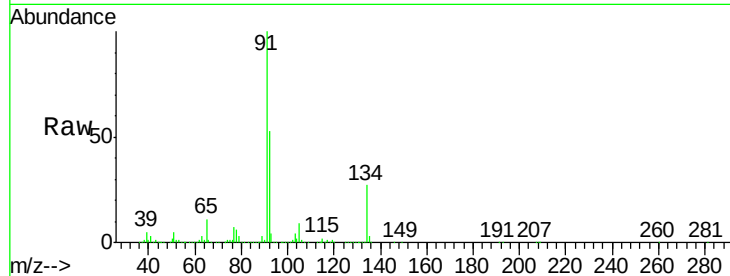




#89
n-Butylbenzene
Concen: 44.649 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

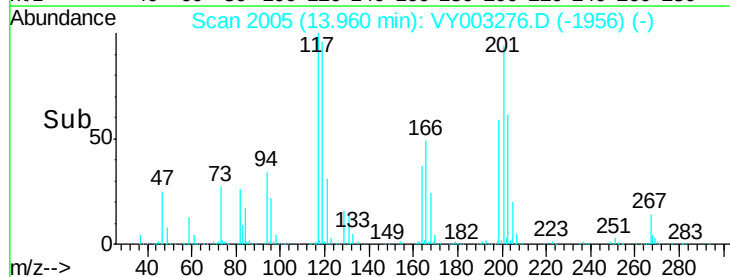
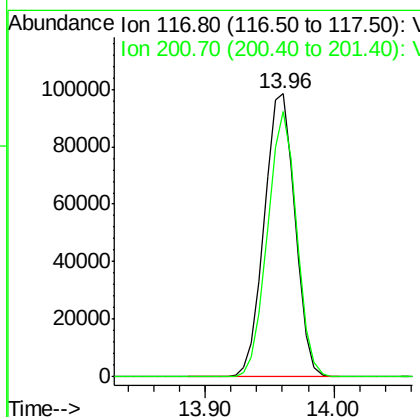
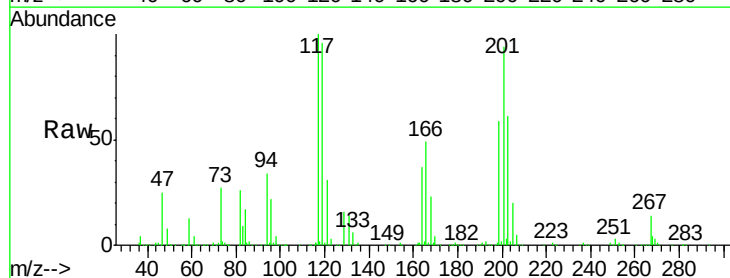
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

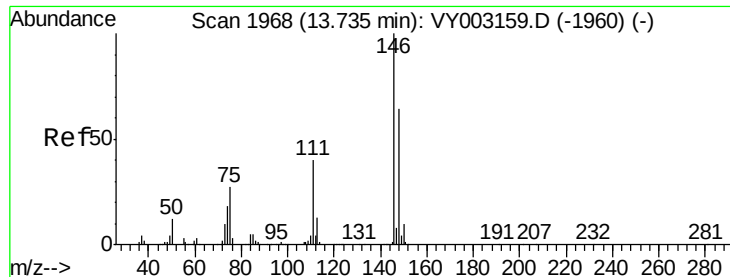
Tot Ion: 91 Resp: 783778
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 48.119 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 117 Resp: 163540
Ion Ratio Lower Upper
117 100
201 88.8 45.1 135.3

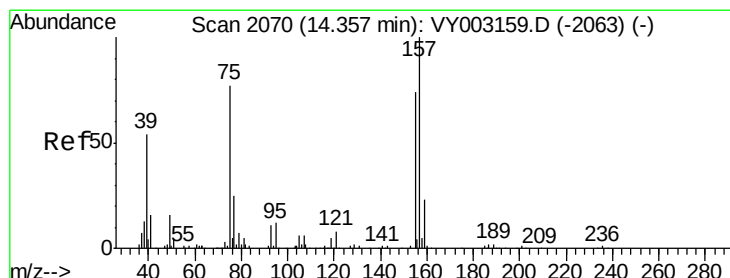
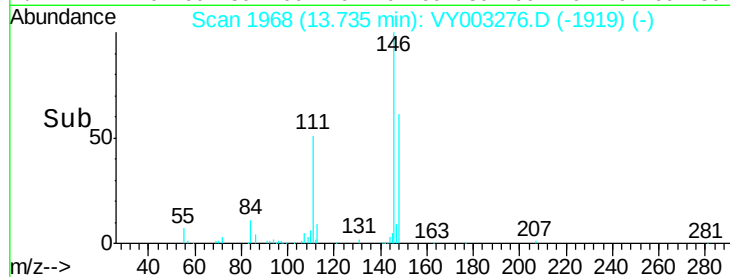
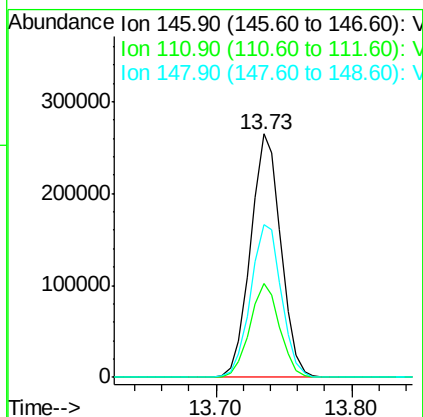
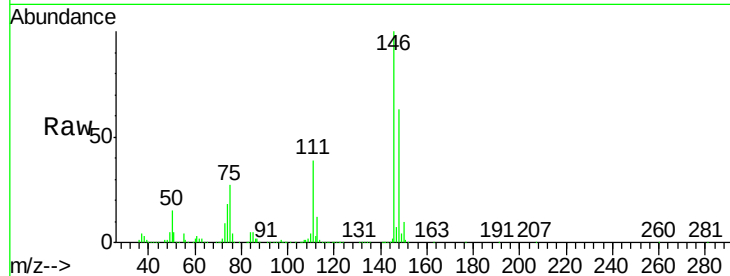




#91
1,2-Dichlorobenzene
Concen: 49.377 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

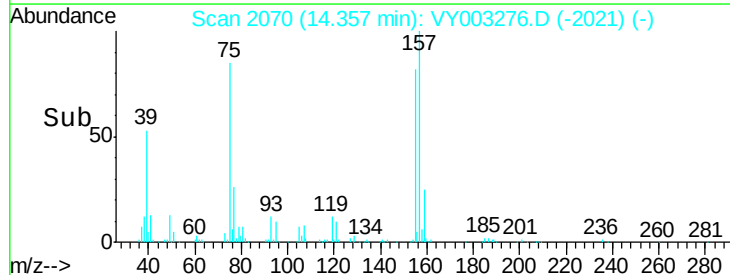
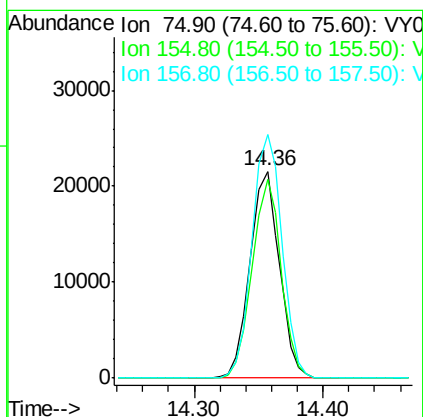
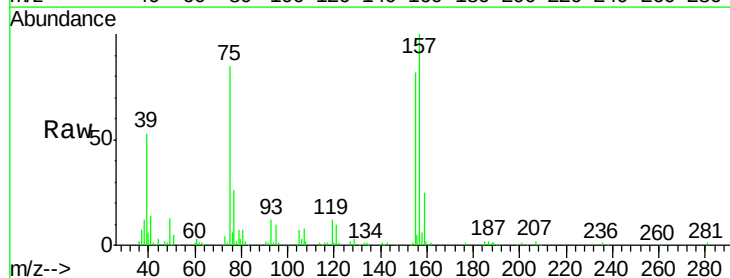
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

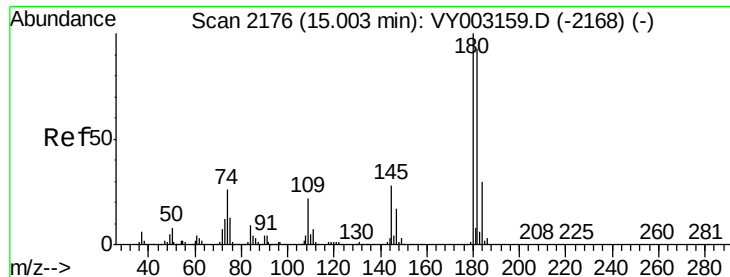
Tot Ion:146 Resp: 413040
Ion Ratio Lower Upper
146 100
111 37.9 19.6 58.8
148 64.0 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.807 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 75 Resp: 33935
Ion Ratio Lower Upper
75 100
155 94.6 48.1 144.3
157 119.5 61.9 185.6

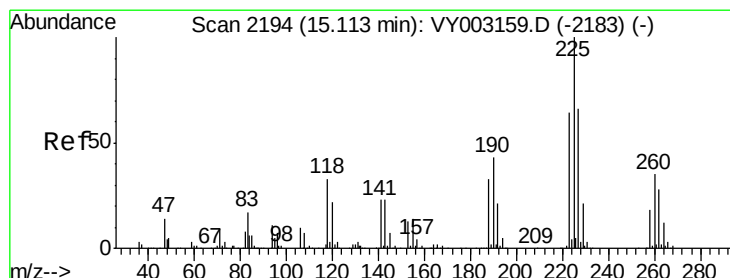
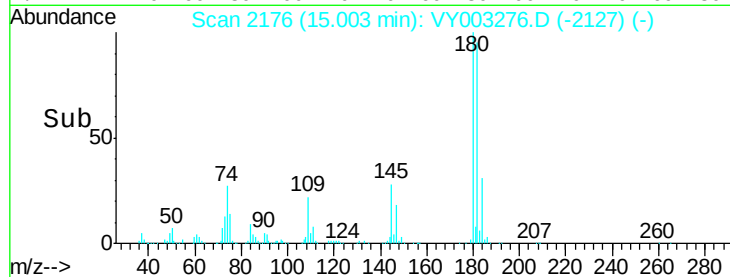
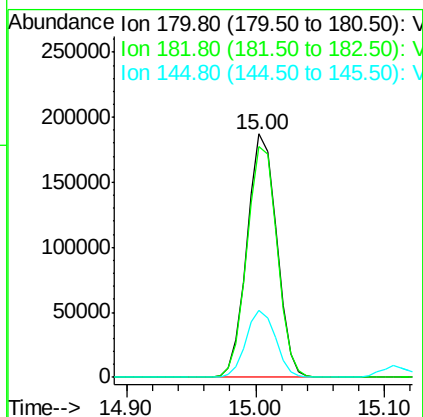
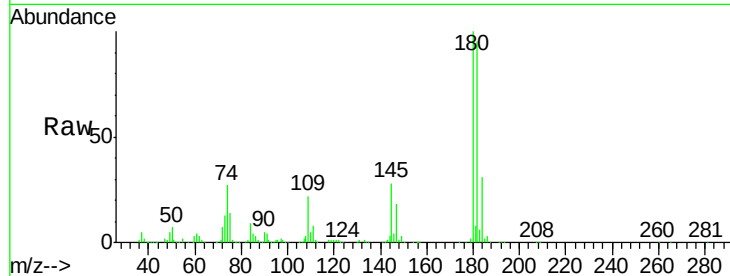




#93
 1,2,4-Trichlorobenzene
 Concen: 49.788 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

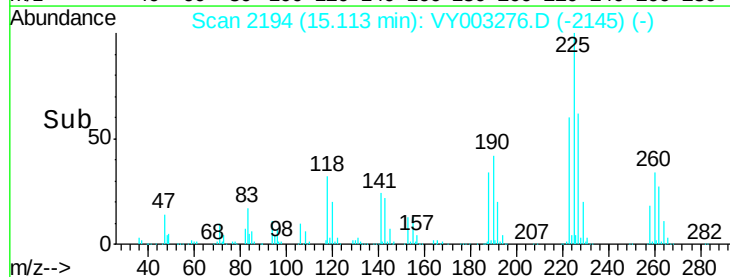
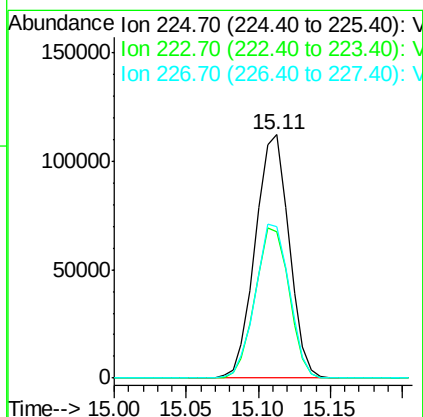
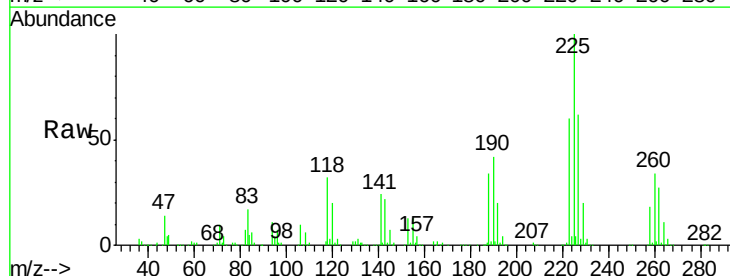
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

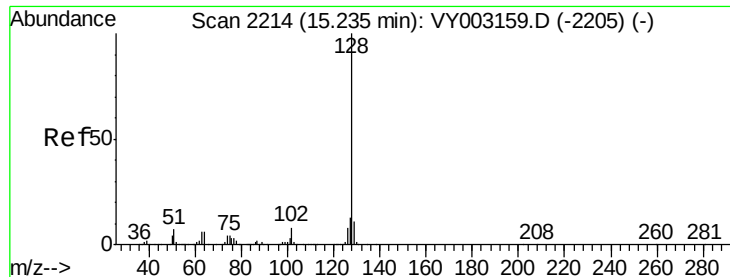
Tot Ion:180 Resp: 296285
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 142.0
 145 27.6 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 44.608 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion:225 Resp: 181896
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 94.7
 227 63.9 32.3 96.8

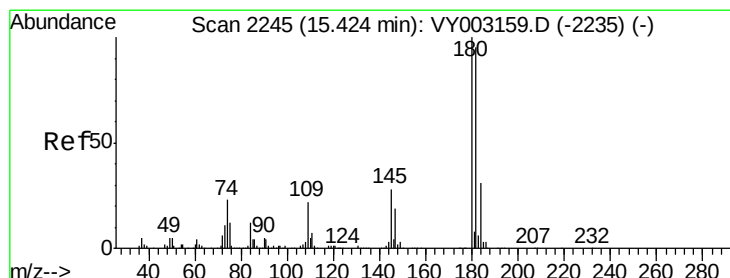
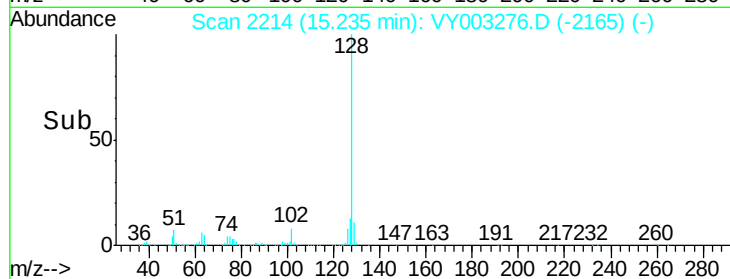
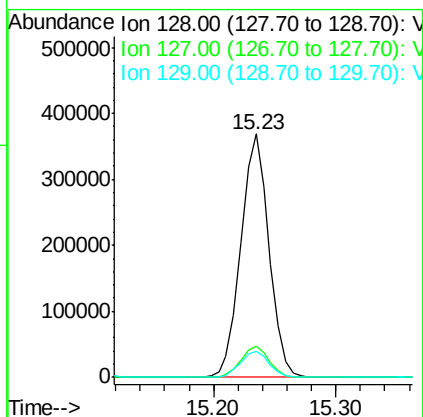
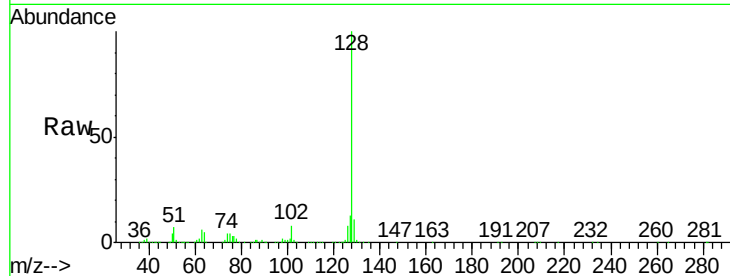




#95
Naphthalene
Concen: 59.459 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 584767
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 56.730 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion:180 Resp: 266864
Ion Ratio Lower Upper
180 100
182 95.1 48.8 146.3
145 28.9 14.9 44.5

