

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002819.D
 Acq On : 02 Jun 2020 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 05:12:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	351315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	524494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	153223	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.72	113	162859	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.18	98	617184	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.48	95	215284	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	110398	45.669	ug/l	96
3) Chloromethane	2.12	50	126855	47.443	ug/l	97
4) Vinyl Chloride	2.26	62	142701	50.493	ug/l	100
5) Bromomethane	2.65	94	104795	49.481	ug/l	97
6) Chloroethane	2.80	64	93990	51.303	ug/l	98
7) Trichlorofluoromethane	3.13	101	253409	50.628	ug/l	100
8) Diethyl Ether	3.54	74	95496	48.861	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	159463	53.658	ug/l	98
10) Methyl Iodide	4.10	142	224497	53.986	ug/l	98
11) Tert butyl alcohol	4.97	59	87784	268.709	ug/l	100
12) 1,1-Dichloroethene	3.88	96	158160	52.919	ug/l	99
13) Acrolein	3.74	56	100864	282.160	ug/l	98
14) Allyl chloride	4.49	41	240609	56.132	ug/l	97
15) Acrylonitrile	5.18	53	243284	275.922	ug/l	99
16) Acetone	3.96	43	187056	261.515	ug/l	99
17) Carbon Disulfide	4.20	76	449161	49.733	ug/l	99
18) Methyl Acetate	4.49	43	103622	57.887	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	445043	53.939	ug/l	99
20) Methylene Chloride	4.72	84	179855	51.453	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	173490	51.617	ug/l	98
22) Diisopropyl ether	6.13	45	499386	56.064	ug/l	95
23) Vinyl Acetate	6.07	43	1690881	287.518	ug/l	99
24) 1,1-Dichloroethane	6.03	63	286299	54.945	ug/l	99
25) 2-Butanone	7.00	43	308350	276.695	ug/l	99
26) 2,2-Dichloropropane	6.99	77	250759	50.178	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	198509	52.758	ug/l	100
28) Bromochloromethane	7.34	49	110967	51.876	ug/l	95
29) Tetrahydrofuran	7.35	42	204169	281.660	ug/l	98
30) Chloroform	7.52	83	295744	53.487	ug/l	98
31) Cyclohexane	7.79	56	259791	50.216	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	263211	51.084	ug/l	99
36) 1,1-Dichloropropene	7.93	75	228112	51.630	ug/l	100
37) Ethyl Acetate	7.08	43	132505	55.122	ug/l	99
38) Carbon Tetrachloride	7.91	117	243673	49.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	297629	51.107	ug/l	99
40) Benzene	8.16	78	680739	52.144	ug/l	98
41) Methacrylonitrile	7.35	41	184097	142.556	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	185383	50.669	ug/l	100
43) Isopropyl Acetate	8.28	43	254031	55.766	ug/l	99
44) Trichloroethene	8.94	130	210344	51.009	ug/l	99
45) 1,2-Dichloropropane	9.22	63	171691	54.841	ug/l	98
46) Dibromomethane	9.31	93	99490	53.510	ug/l	97
47) Bromodichloromethane	9.50	83	234793	53.567	ug/l	98
48) Methyl methacrylate	9.30	41	115518	56.175	ug/l	97
49) 1,4-Dioxane	9.30	88	29807	1044.075	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	668719	277.230	ug/l	99
52) Toluene	10.24	92	437023	51.172	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	252853	52.815	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	288907	53.256	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	150147	52.748	ug/l	99
56) Ethyl methacrylate	10.51	69	209130	54.852	ug/l	99
57) 1,3-Dichloropropane	10.79	76	248660	53.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	477618	256.376	ug/l	99
59) 2-Hexanone	10.83	43	471962	275.763	ug/l	99
60) Dibromochloromethane	10.99	129	188038	52.105	ug/l	99
61) 1,2-Dibromoethane	11.09	107	146277	52.094	ug/l	99
64) Tetrachloroethene	10.72	164	210870	48.226	ug/l	98
65) Chlorobenzene	11.52	112	495026	52.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	185244	51.725	ug/l	98
67) Ethyl Benzene	11.59	91	849655	51.541	ug/l	100
68) m/p-Xylenes	11.70	106	656141	102.658	ug/l	99
69) o-Xylene	12.03	106	311347	51.600	ug/l	99
70) Styrene	12.04	104	542848	51.898	ug/l	100
71) Bromoform	12.20	173	126242	52.681	ug/l #	100
73) Isopropylbenzene	12.33	105	842998	52.991	ug/l	100
74) N-amyl acetate	12.14	43	231835	56.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	162208	58.114	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	229723	102.701	ug/l #	100
77) Bromobenzene	12.61	156	216956	52.376	ug/l	99
78) n-propylbenzene	12.67	91	986757	53.698	ug/l	99
79) 2-Chlorotoluene	12.75	91	547496	53.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	700186	52.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	65434	55.113	ug/l	99
82) 4-Chlorotoluene	12.85	91	564856	52.302	ug/l	99
83) tert-Butylbenzene	13.08	119	627510	52.962	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	701812	52.547	ug/l	100
85) sec-Butylbenzene	13.25	105	853476	52.683	ug/l	100
86) p-Isopropyltoluene	13.37	119	792733	52.588	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	406607	51.821	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	406471	51.786	ug/l	99
89) n-Butylbenzene	13.69	91	719646	52.583	ug/l	100
90) Hexachloroethane	13.96	117	150219	53.230	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	371396	52.193	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28858	53.739	ug/l	98

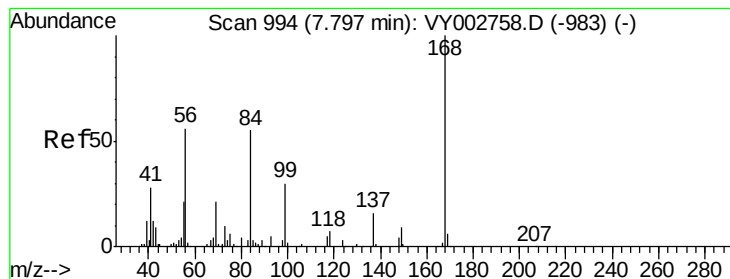
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	268083	49.982	ug/l	99
94) Hexachlorobutadiene	15.11	225	153861	50.577	ug/l	99
95) Naphthalene	15.23	128	551746	51.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238151	49.722	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

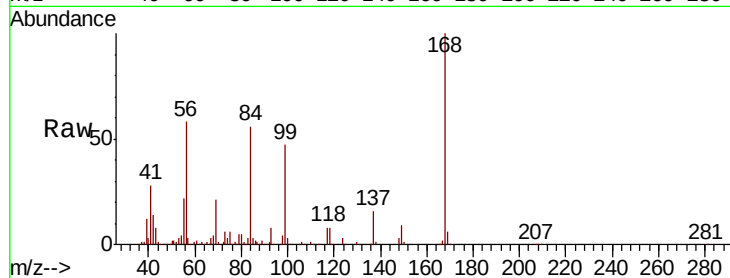
VSTDCCC050EC

Tot Ion:168 Resp: 351315

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002819.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002819.D (-945) (-)

7.80

150000

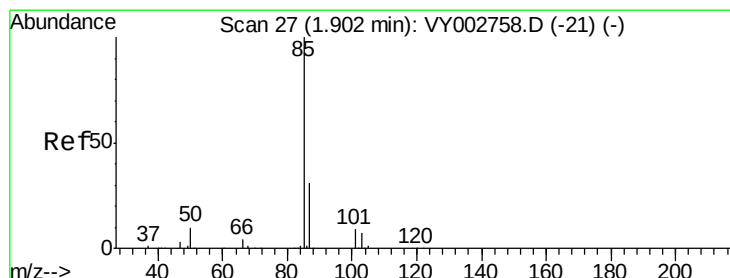
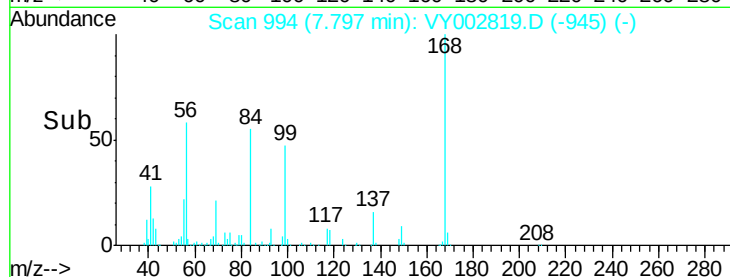
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.669 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002819.D

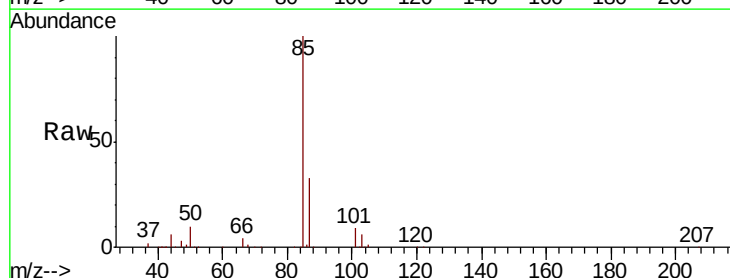
Acq: 02 Jun 2020 17:20

Tgt Ion: 85 Resp: 110398

Ion Ratio Lower Upper

85 100

87 33.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002819.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002819.D (-1) (-)

1.90

80000

60000

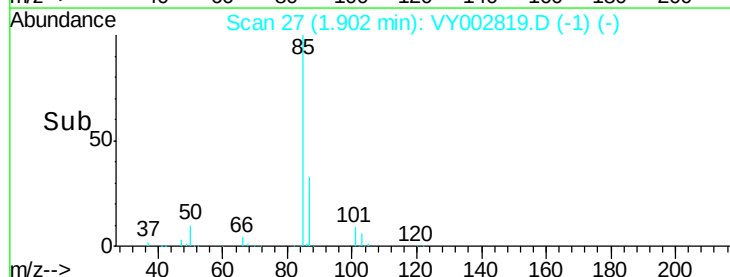
40000

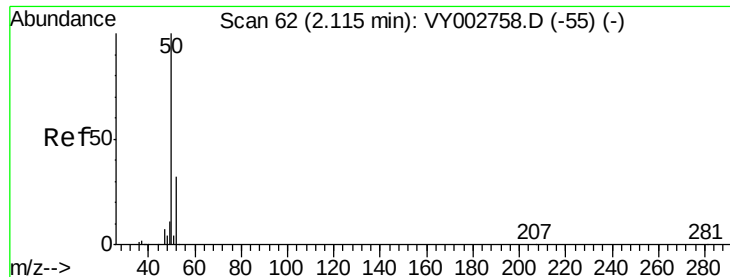
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.443 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

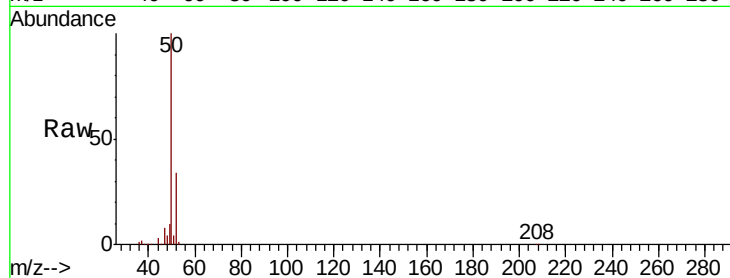
VSTDCCC050EC

Tot Ion: 50 Resp: 126855

Ion Ratio Lower Upper

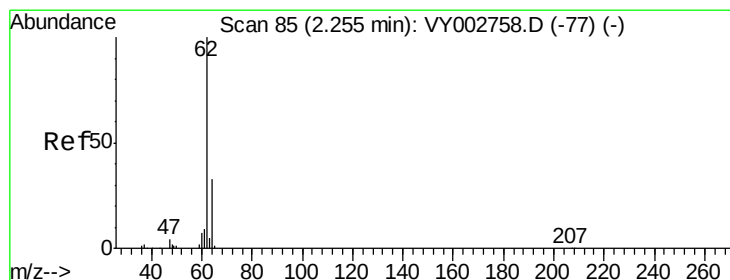
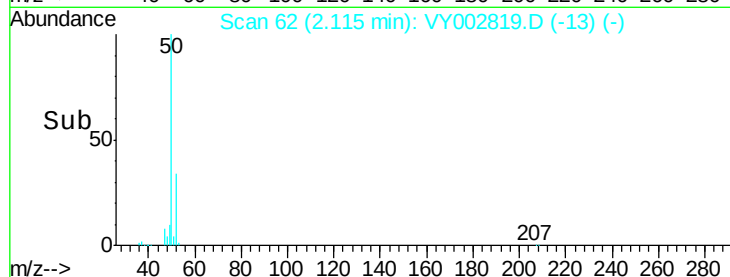
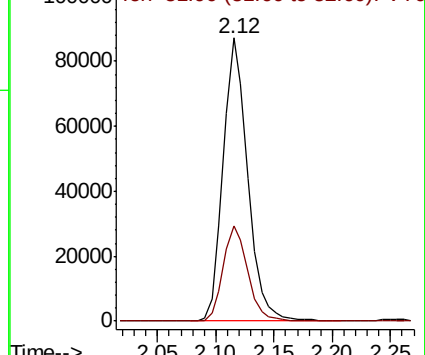
50 100

52 33.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.493 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002819.D

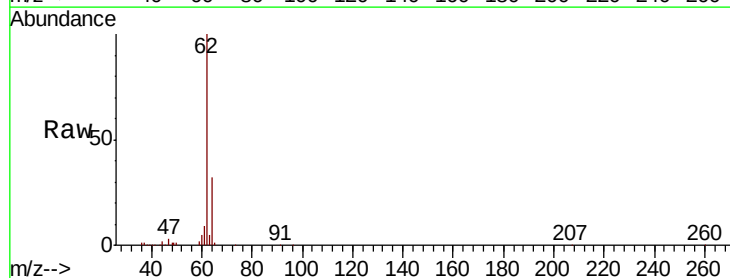
Acq: 02 Jun 2020 17:20

Tgt Ion: 62 Resp: 142701

Ion Ratio Lower Upper

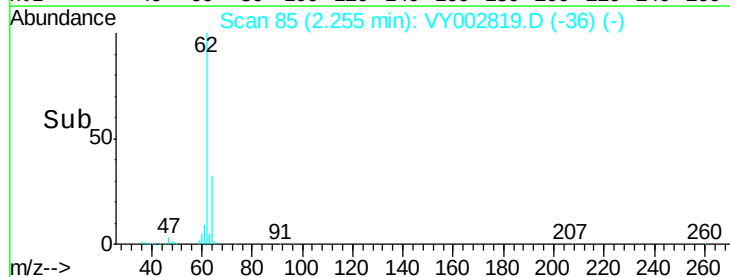
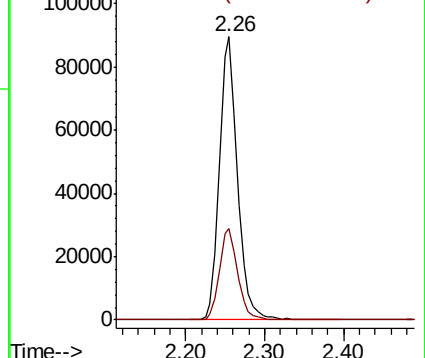
62 100

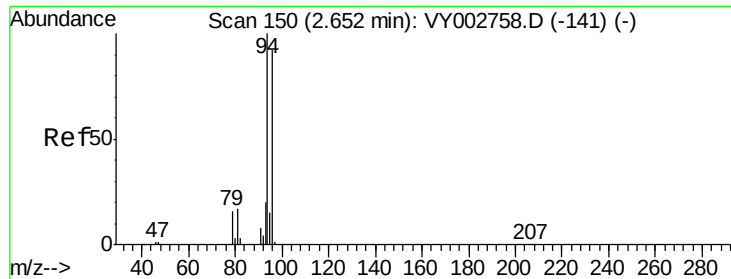
64 32.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.481 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

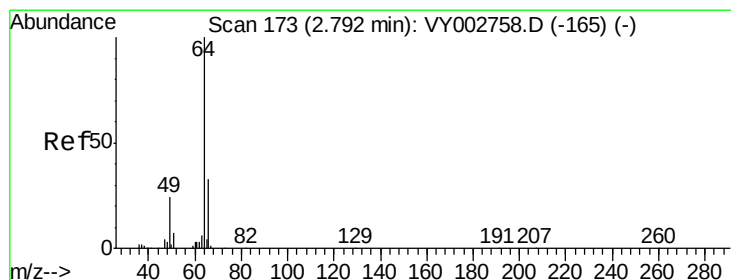
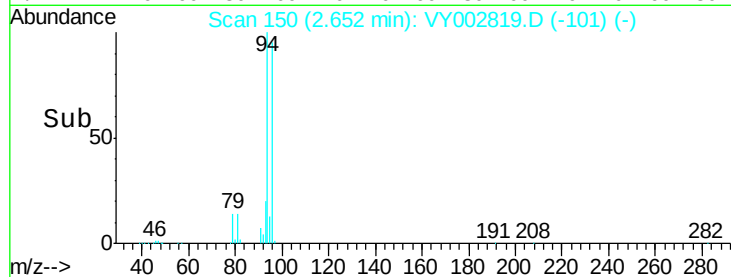
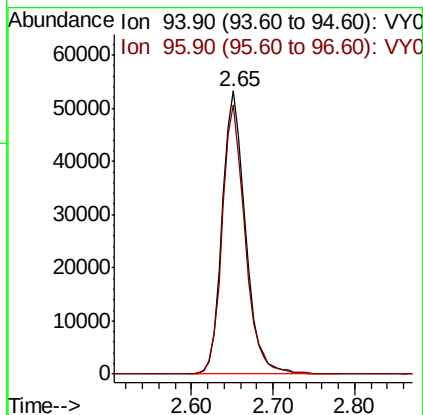
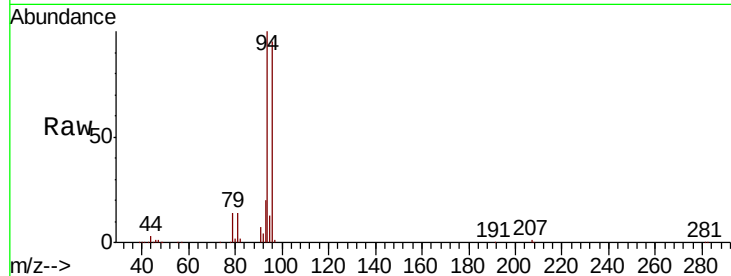
VSTDCCC050EC

Tot Ion: 94 Resp: 104795

Ion Ratio Lower Upper

94 100

96 95.2 73.7 110.5



#6

Chloroethane

Concen: 51.303 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002819.D

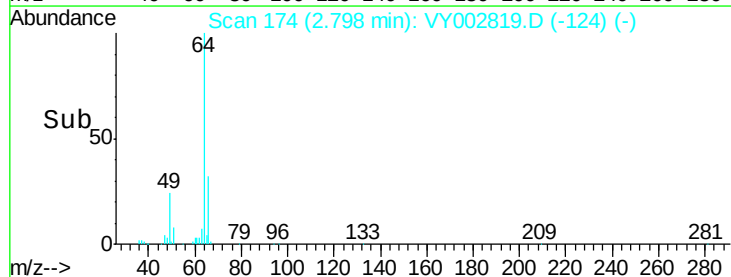
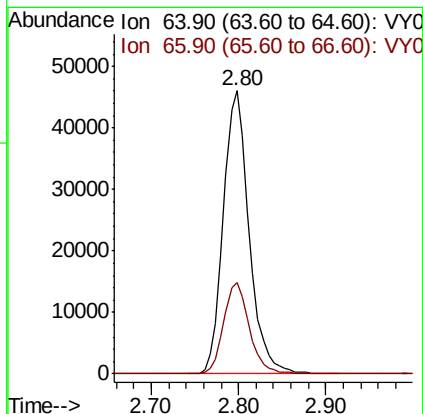
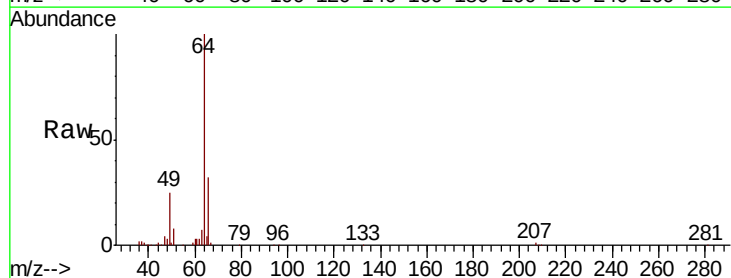
Acq: 02 Jun 2020 17:20

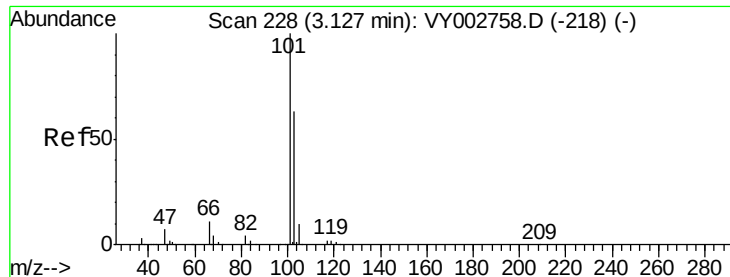
Tgt Ion: 64 Resp: 93990

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



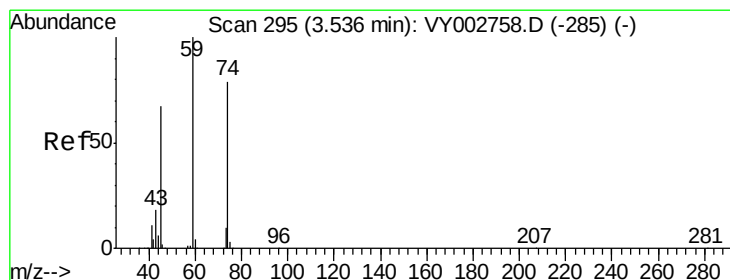
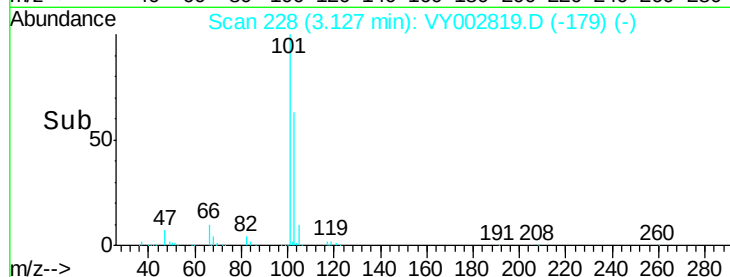
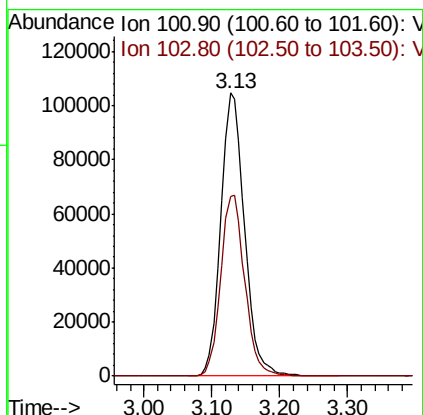
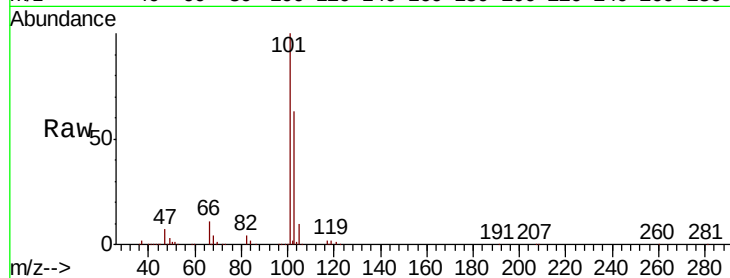


#7

Trichlorofluoromethane
 Concen: 50.628 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

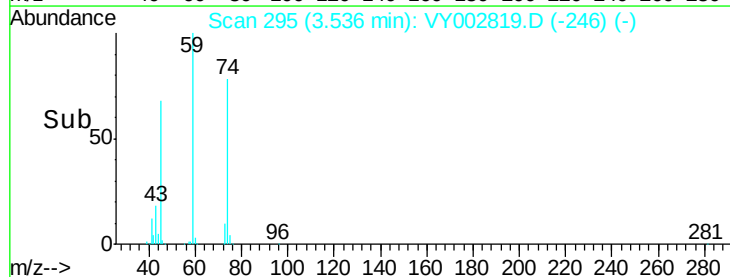
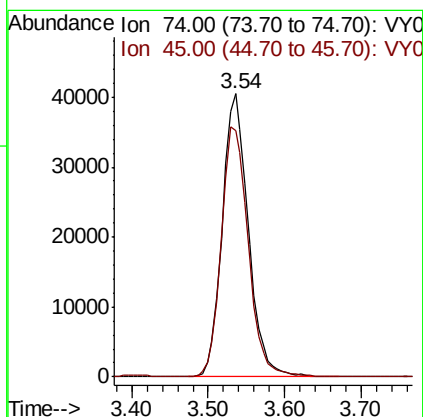
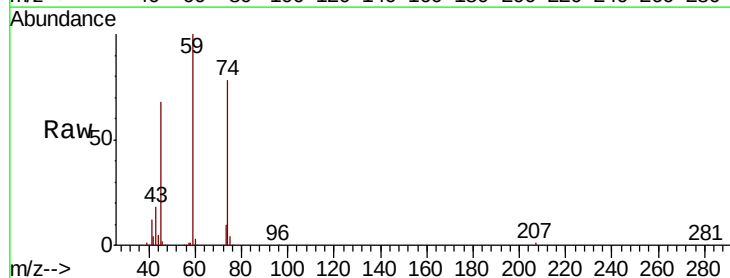
Tot Ion:101 Resp: 253409
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0

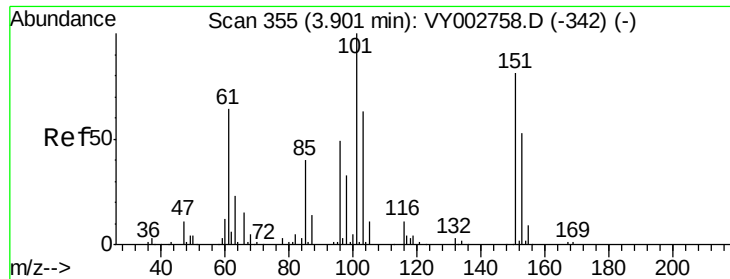


#8

Diethyl Ether
 Concen: 48.861 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 74 Resp: 95496
 Ion Ratio Lower Upper
 74 100
 45 91.7 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.658 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

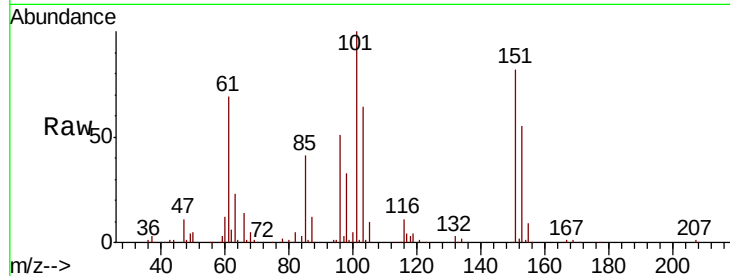
Tot Ion:101 Resp: 159463

Ion Ratio Lower Upper

101 100

85 41.9 32.7 49.1

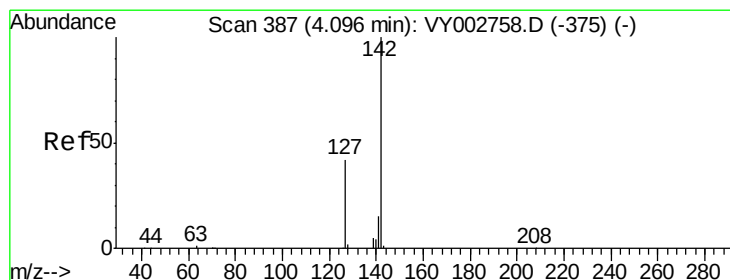
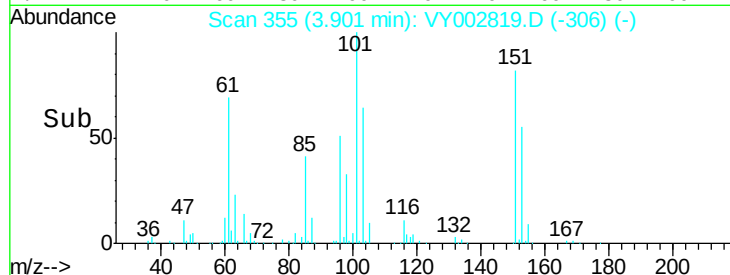
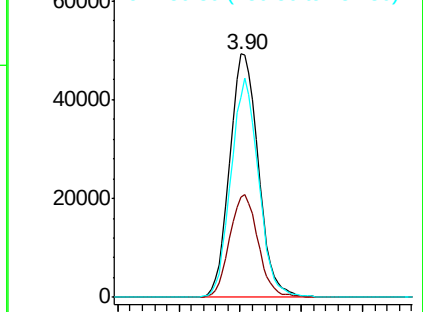
151 86.4 68.0 102.0



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: 53.986 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

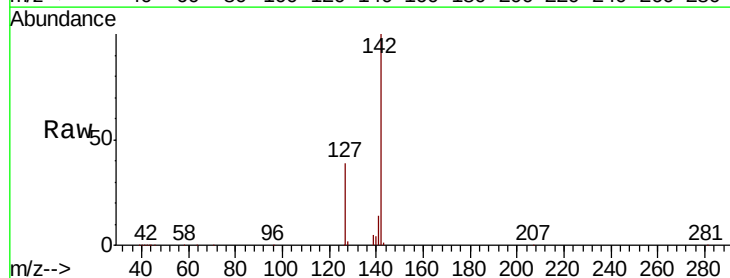
Tgt Ion:142 Resp: 224497

Ion Ratio Lower Upper

142 100

127 40.2 33.3 49.9

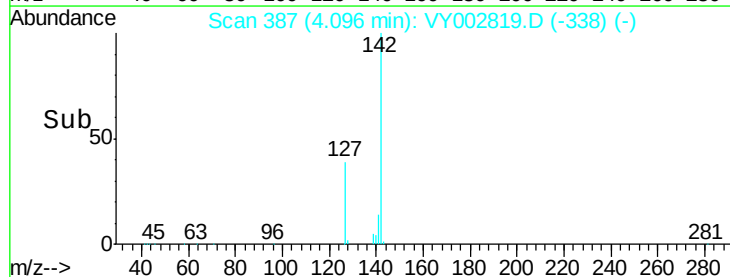
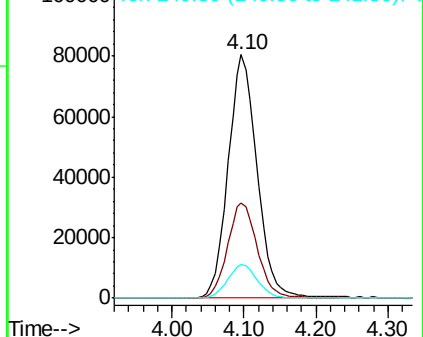
141 14.2 11.5 17.3

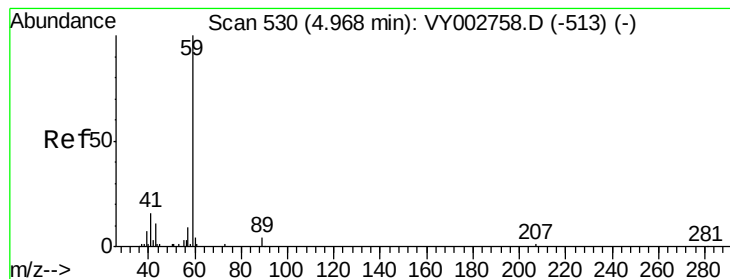


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



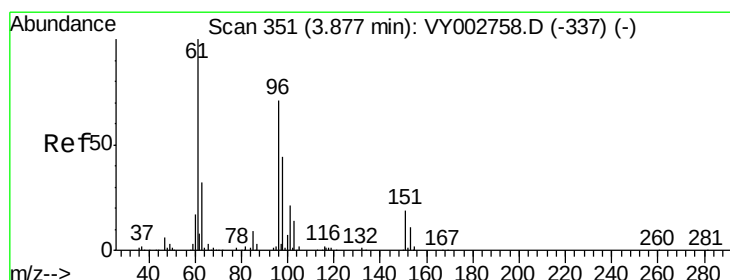
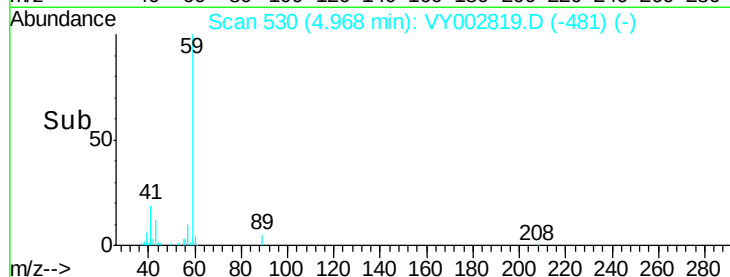
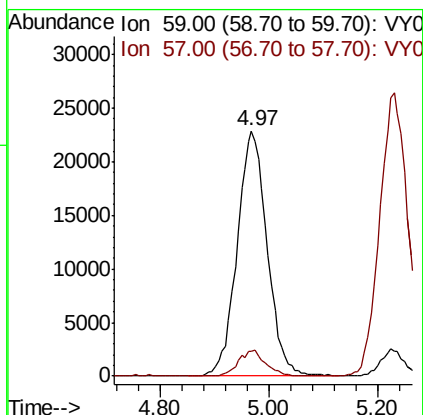
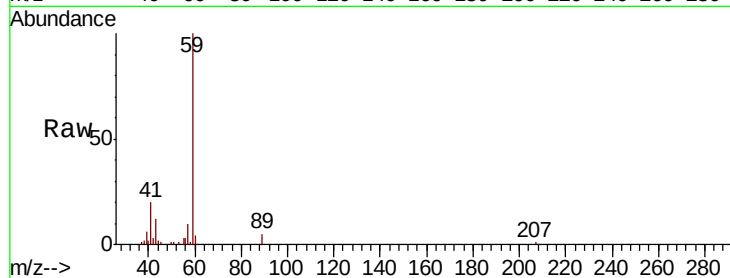


#11

Tert butyl alcohol
 Concen: 268.709 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

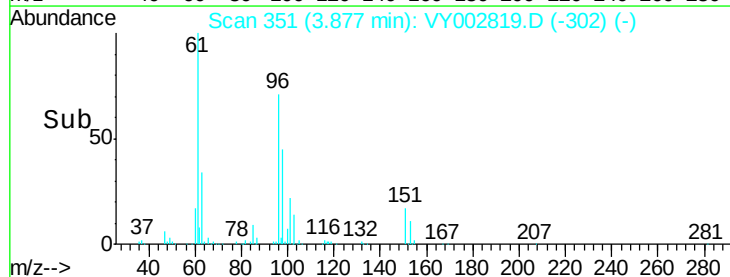
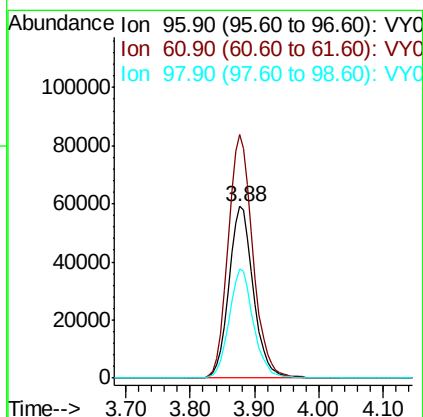
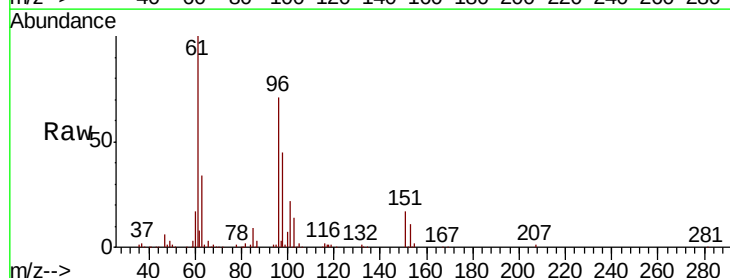
Tot Ion: 59 Resp: 87784
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

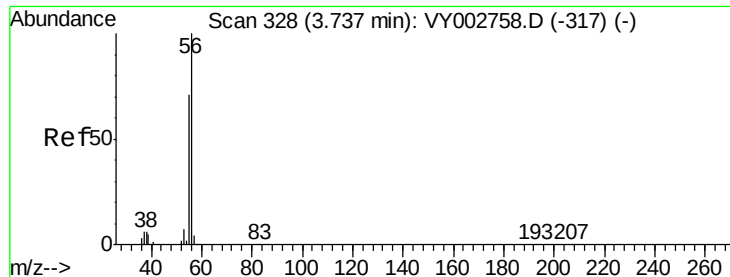


#12

1,1-Dichloroethene
 Concen: 52.919 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 96 Resp: 158160
 Ion Ratio Lower Upper
 96 100
 61 141.7 112.6 168.8
 98 63.2 50.0 75.0





#13

Acrolein

Concen: 282.160 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

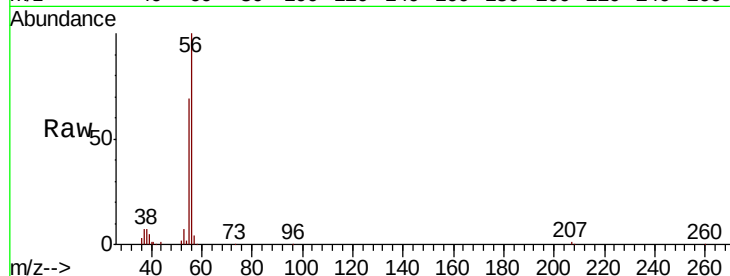
VSTDCCC050EC

Tot Ion: 56 Resp: 100864

Ion Ratio Lower Upper

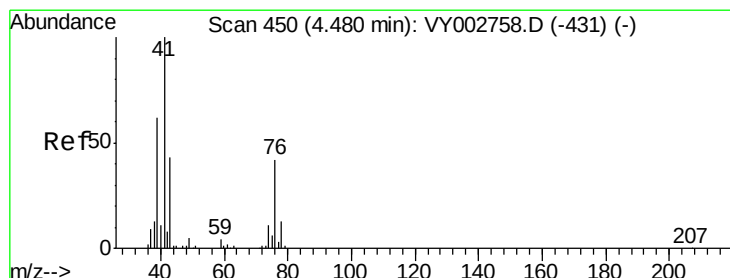
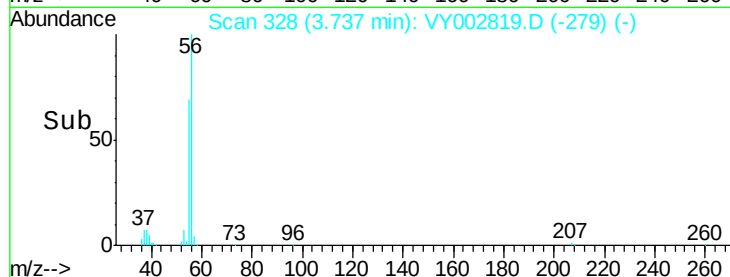
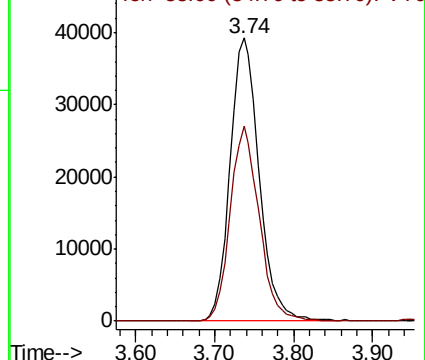
56 100

55 68.6 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: 56.132 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

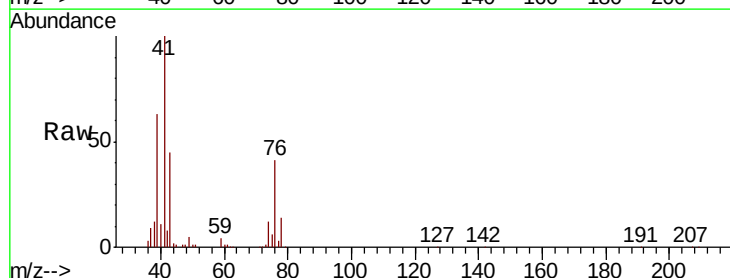
Tgt Ion: 41 Resp: 240609

Ion Ratio Lower Upper

41 100

39 60.1 49.9 74.9

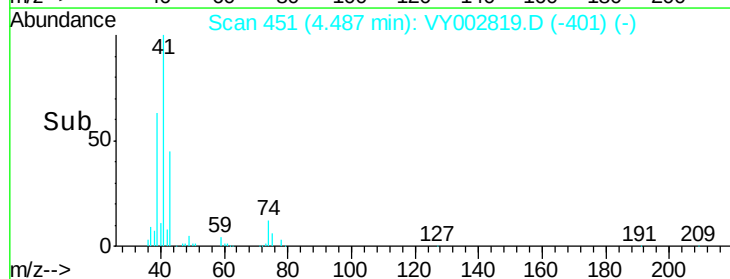
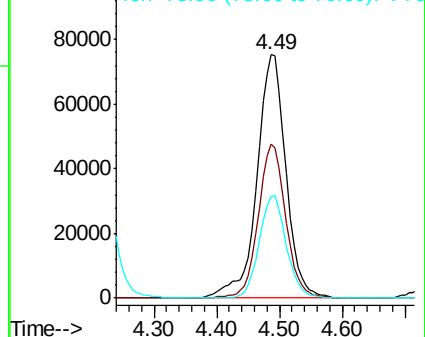
76 39.5 33.2 49.8

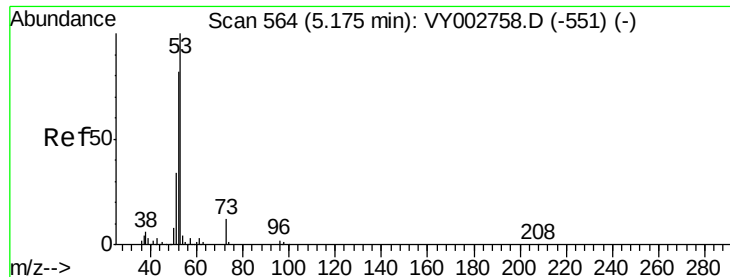


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 275.922 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

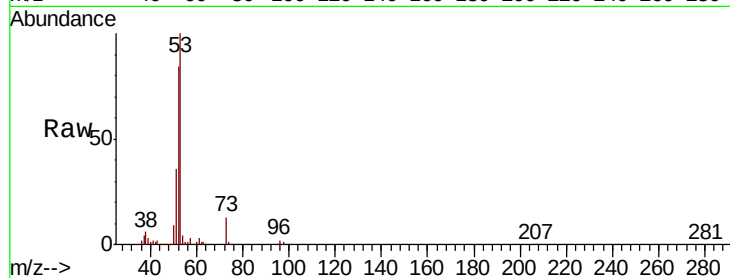
Tot Ion: 53 Resp: 243284

Ion Ratio Lower Upper

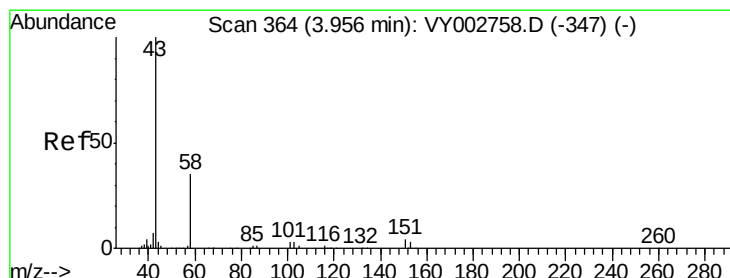
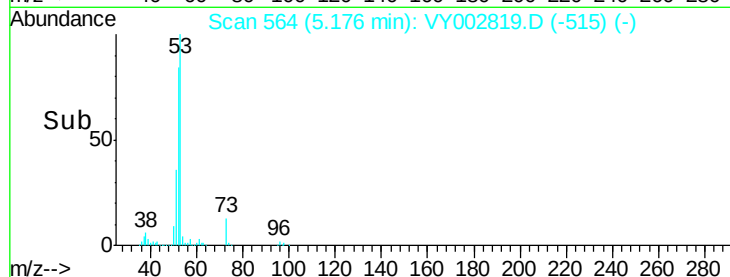
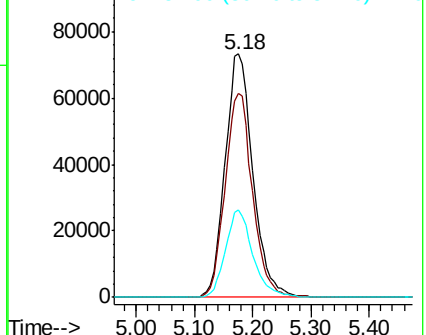
53 100

52 82.4 65.3 97.9

51 35.4 28.0 42.0



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: 261.515 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002819.D

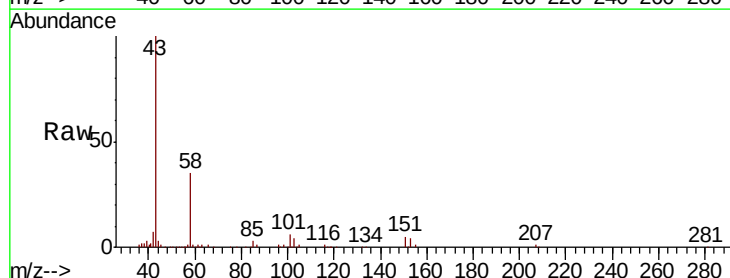
Acq: 02 Jun 2020 17:20

Tgt Ion: 43 Resp: 187056

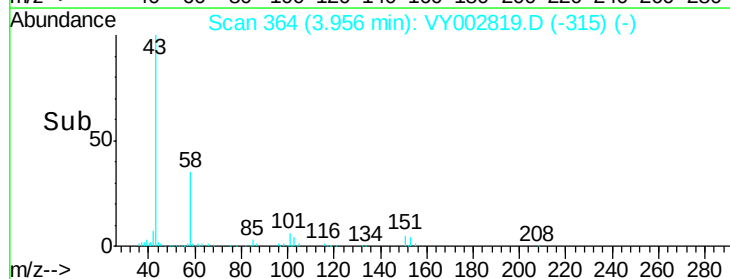
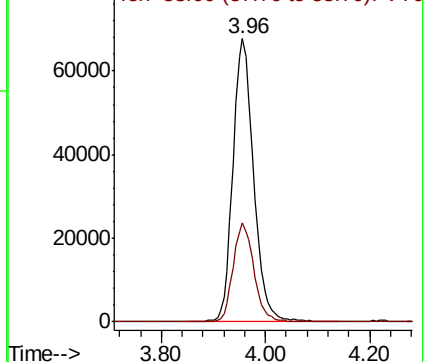
Ion Ratio Lower Upper

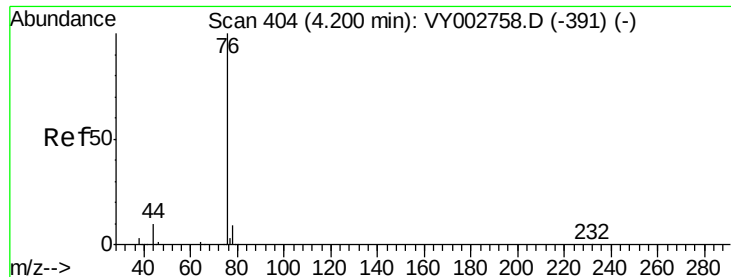
43 100

58 35.2 27.7 41.5



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





#17

Carbon Disulfide

Concen: 49.733 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

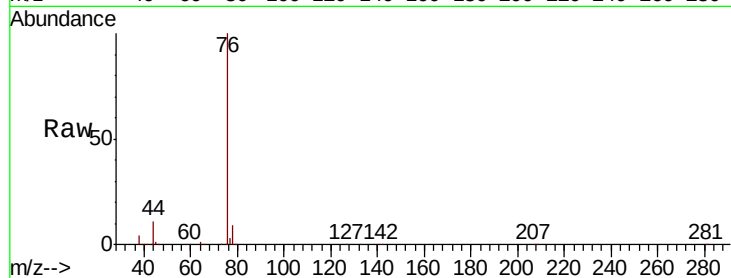
VSTDCCC050EC

Tot Ion: 76 Resp: 449161

Ion Ratio Lower Upper

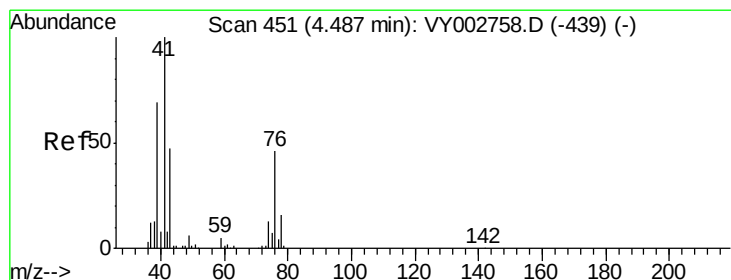
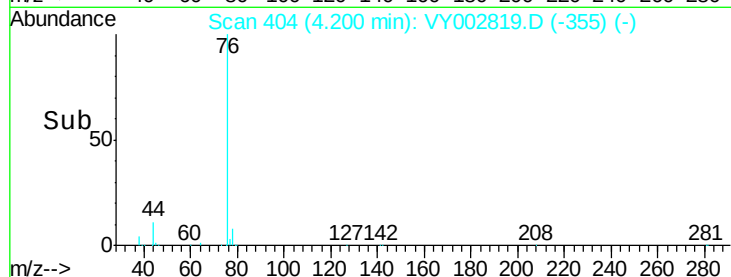
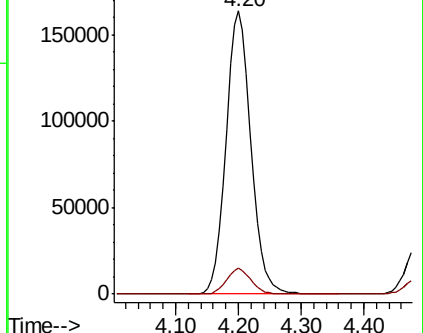
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002819.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002819.D (-355) (-)



#18

Methyl Acetate

Concen: 57.887 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002819.D

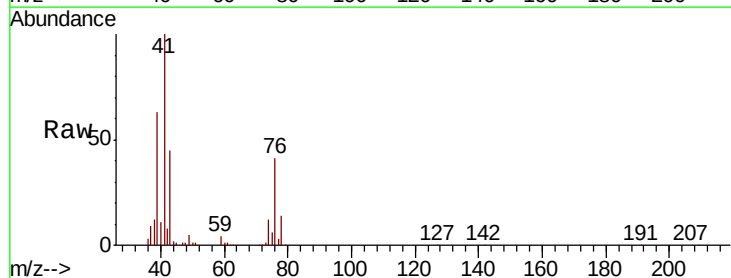
Acq: 02 Jun 2020 17:20

Tgt Ion: 43 Resp: 103622

Ion Ratio Lower Upper

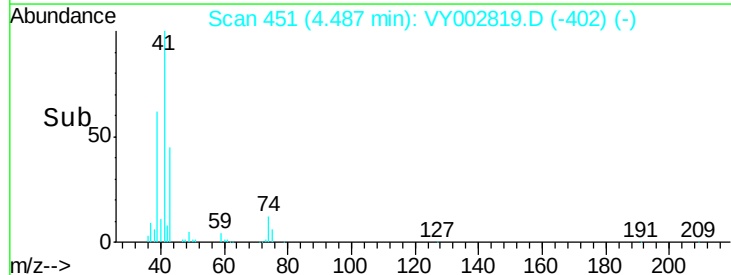
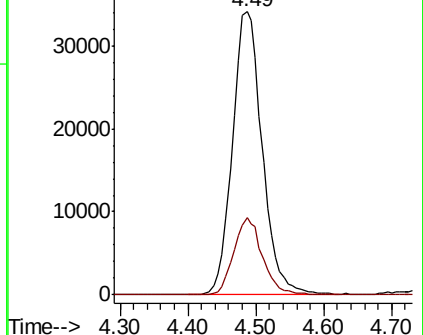
43 100

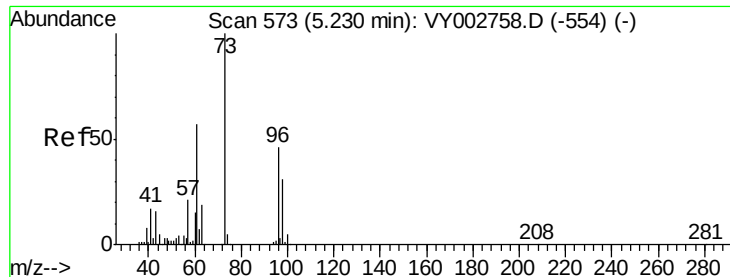
74 26.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY002819.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY002819.D (-402) (-)



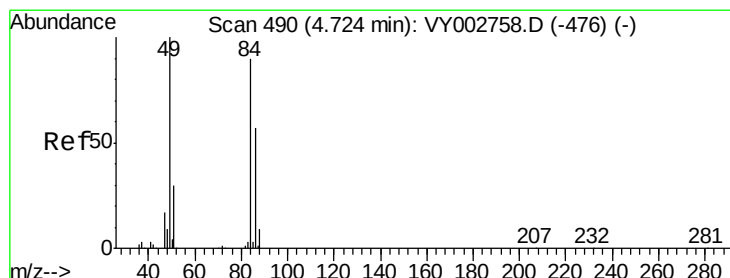
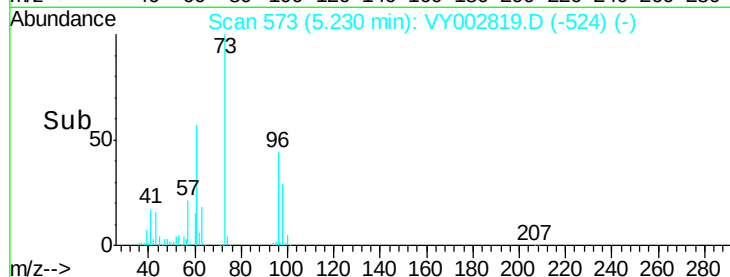
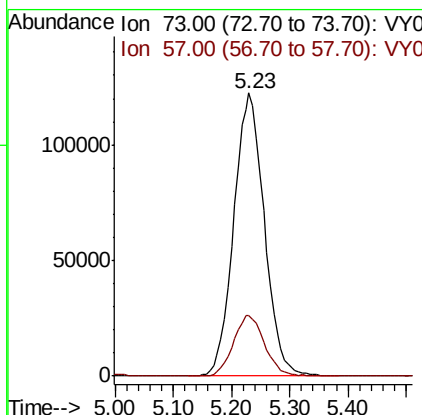
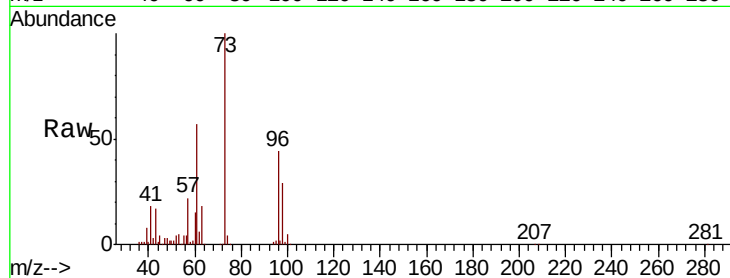


#19

Methyl tert-butyl Ether
 Concen: 53.939 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

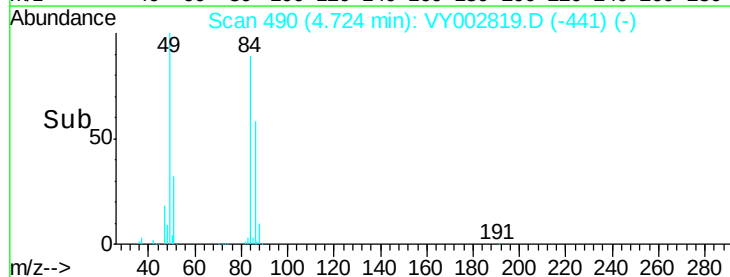
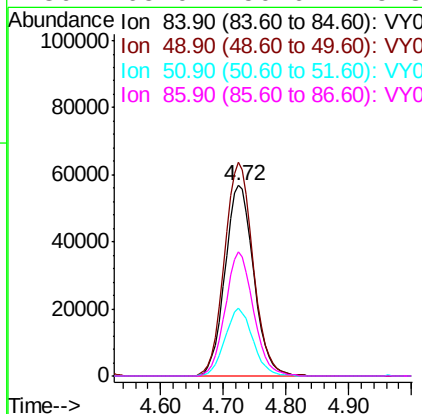
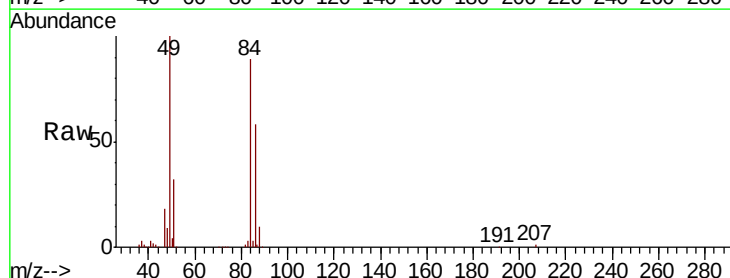
Tot Ion: 73 Resp: 445043
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.0 25.4

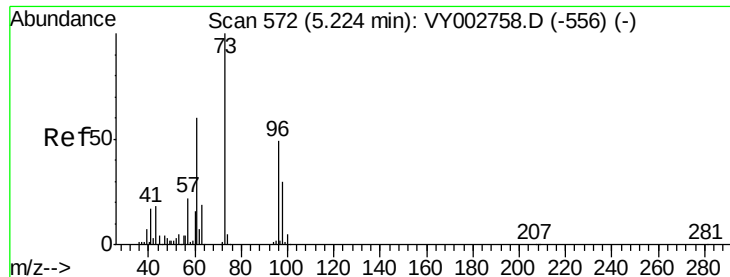


#20

Methylene Chloride
 Concen: 51.453 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 84 Resp: 179855
 Ion Ratio Lower Upper
 84 100
 49 112.0 88.5 132.7
 51 35.5 26.8 40.2
 86 65.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 51.617 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

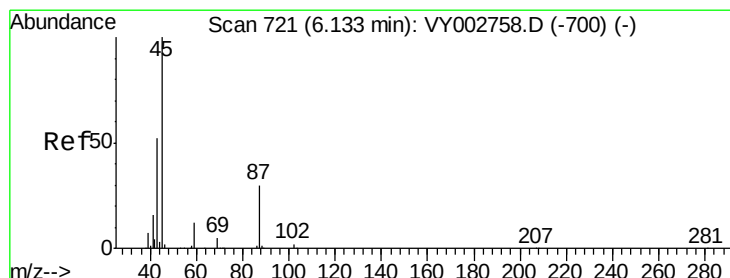
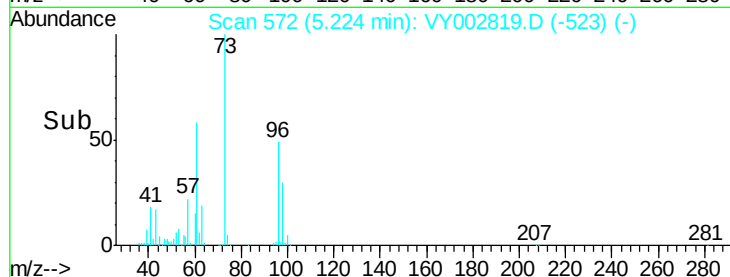
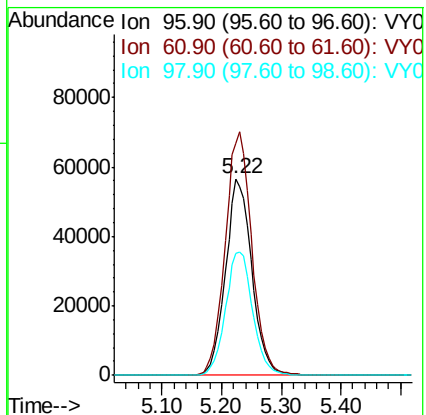
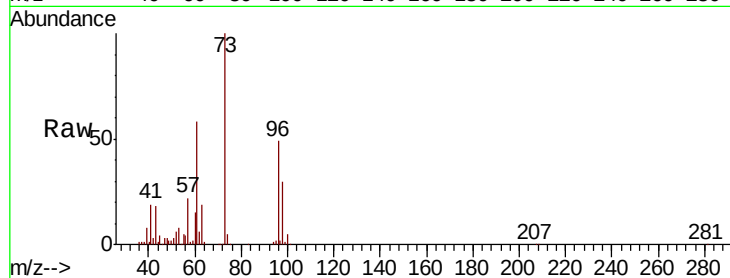
Tot Ion: 96 Resp: 173490

Ion Ratio Lower Upper

96 100

61 118.5 96.8 145.2

98 62.0 49.4 74.0



#22

Diisopropyl ether

Concen: 56.064 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Tgt Ion: 45 Resp: 499386

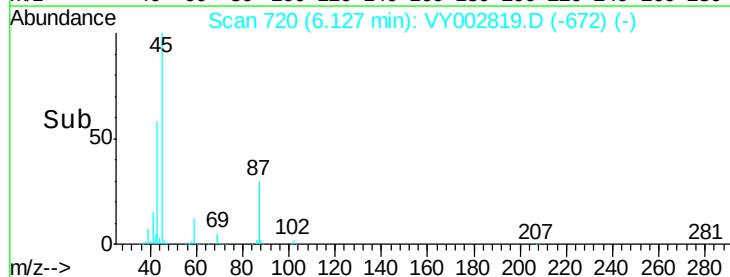
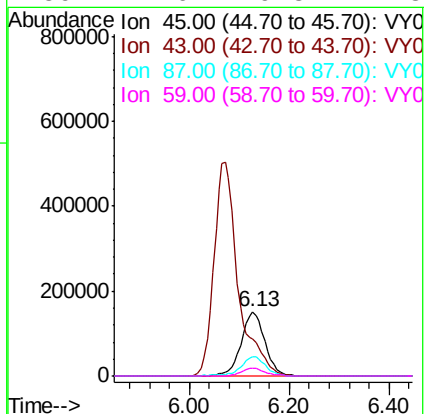
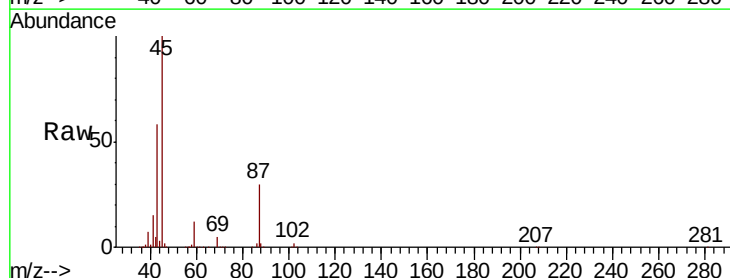
Ion Ratio Lower Upper

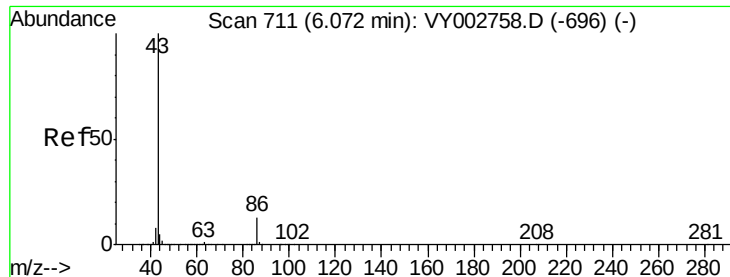
45 100

43 57.6 41.7 62.5

87 30.1 24.2 36.2

59 11.6 9.8 14.8





#23

Vinyl Acetate

Concen: 287.518 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

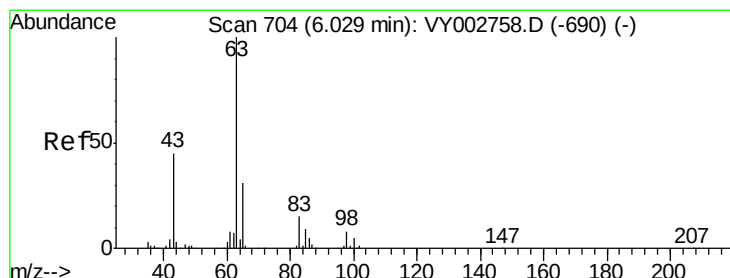
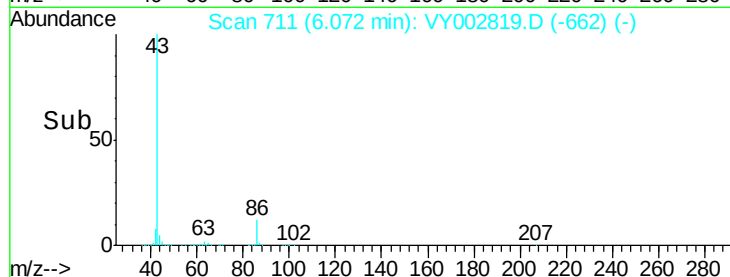
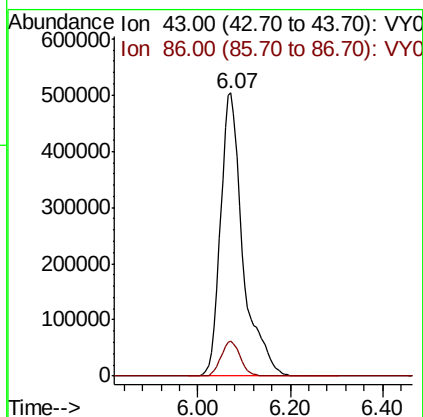
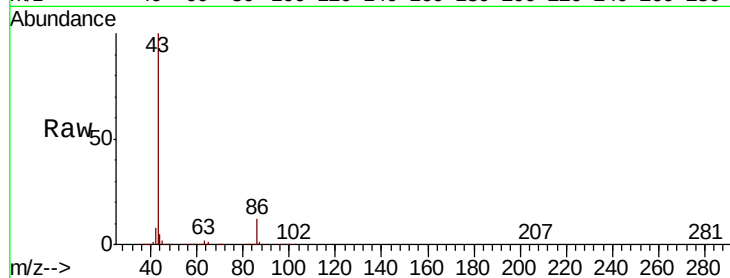
VSTDCCC050EC

Tot Ion: 43 Resp: 1690881

Ion Ratio Lower Upper

43 100

86 12.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 54.945 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

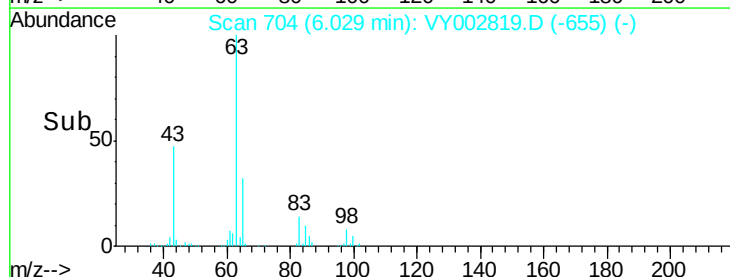
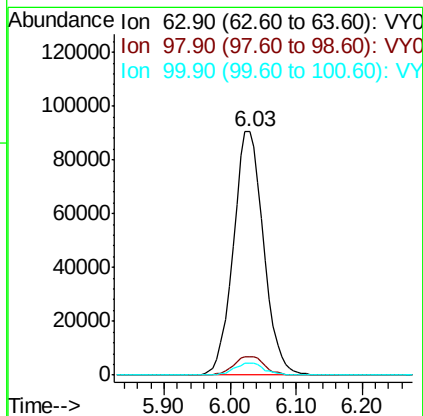
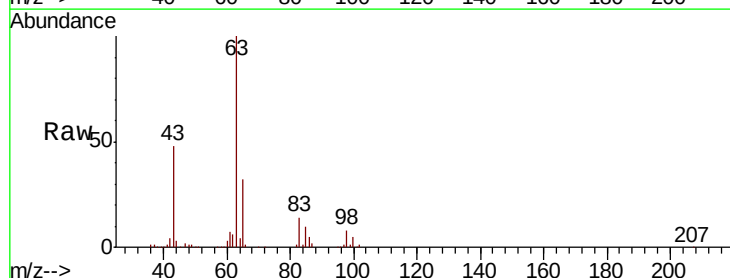
Tgt Ion: 63 Resp: 286299

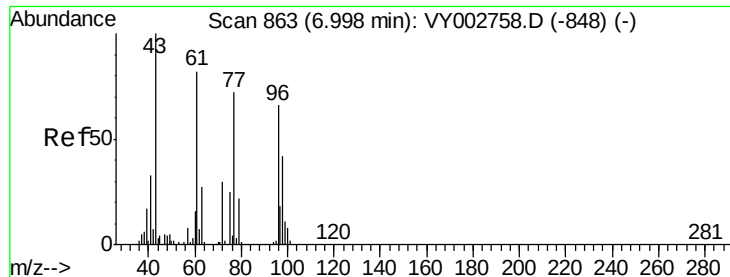
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 4.8 2.4 7.1

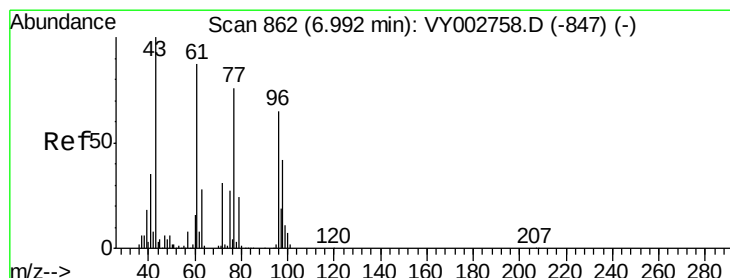
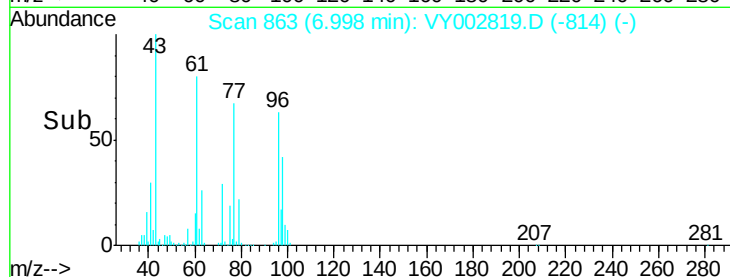
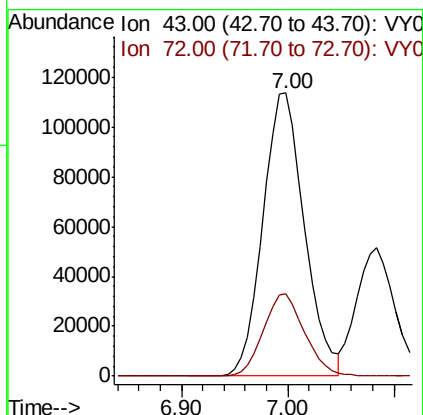
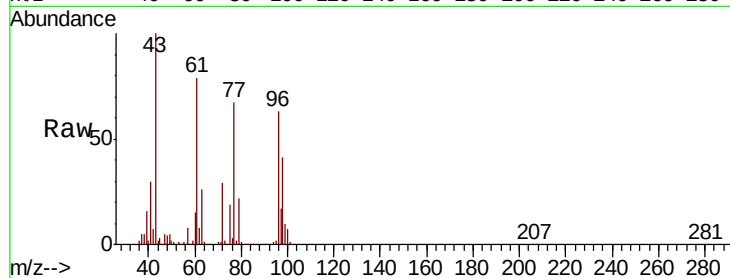




#25
2-Butanone
Concen: 276.695 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

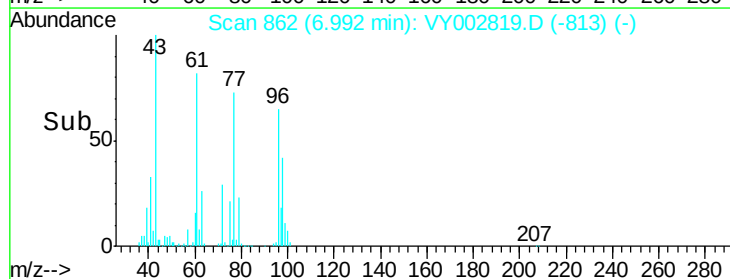
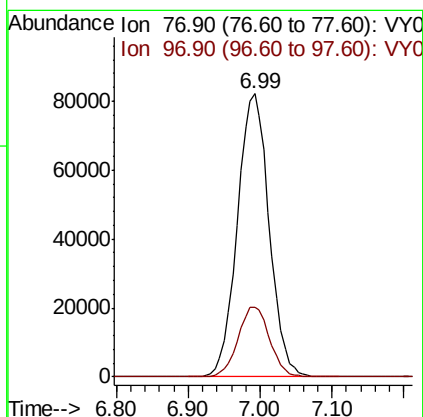
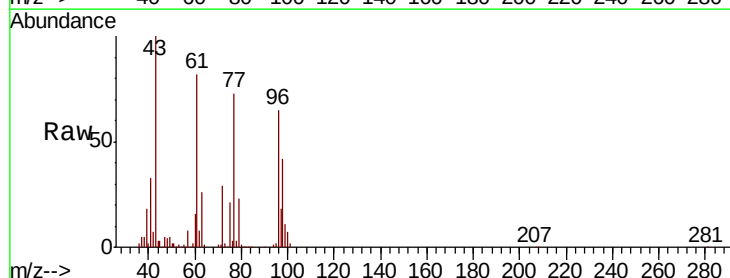
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

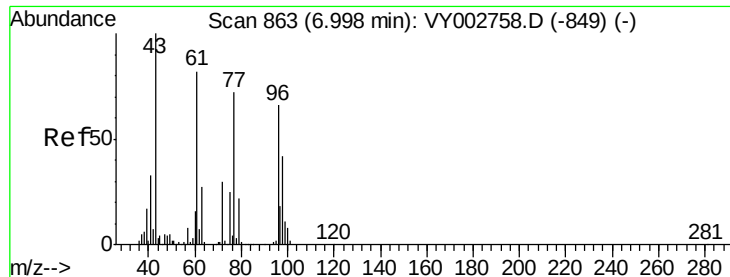
Tot Ion: 43 Resp: 308350
Ion Ratio Lower Upper
43 100
72 29.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 50.178 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 77 Resp: 250759
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



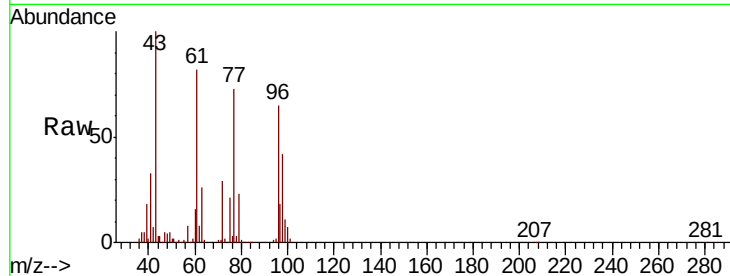


#27

cis-1,2-Dichloroethene
 Concen: 52.758 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	260.2
98	64.1	0.0	128.2

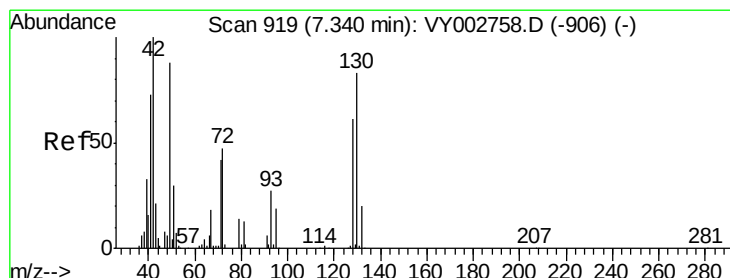
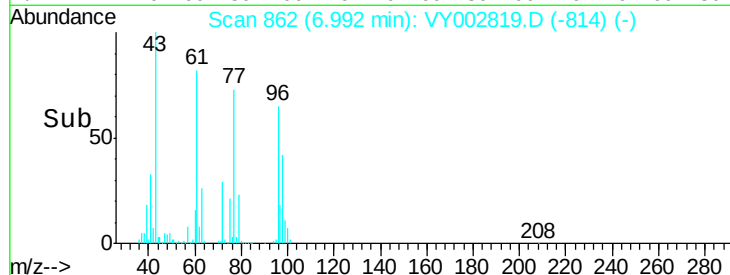
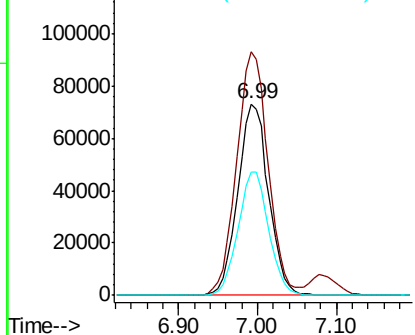


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

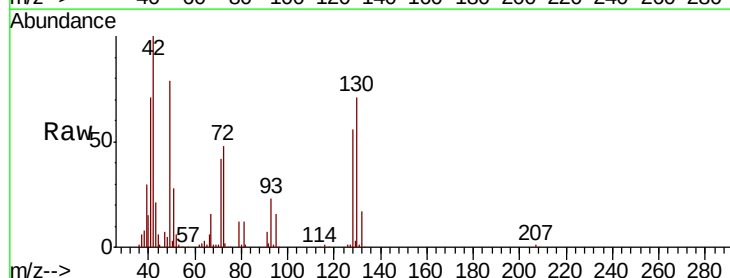
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 51.876 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	91.7	77.1	115.7

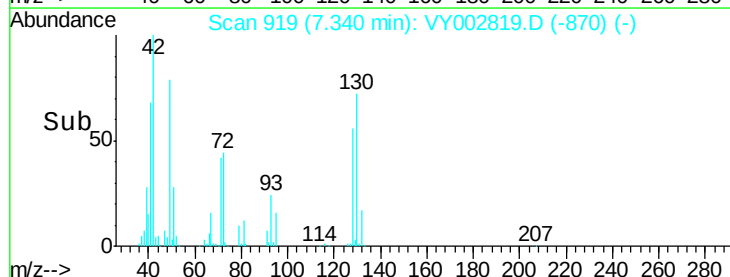
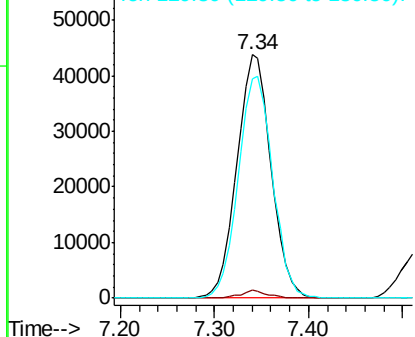


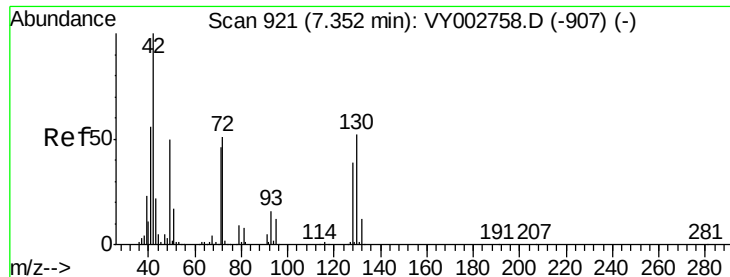
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 281.660 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

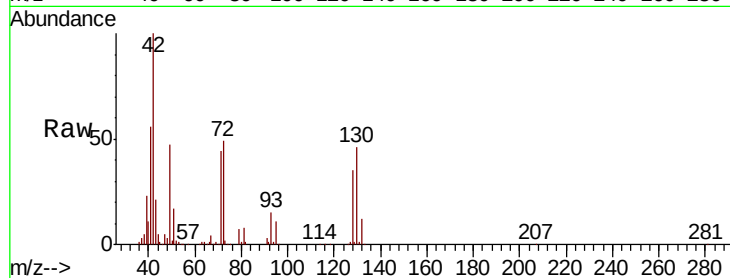
Tot Ion: 42 Resp: 204169

Ion Ratio Lower Upper

42 100

72 47.0 38.6 58.0

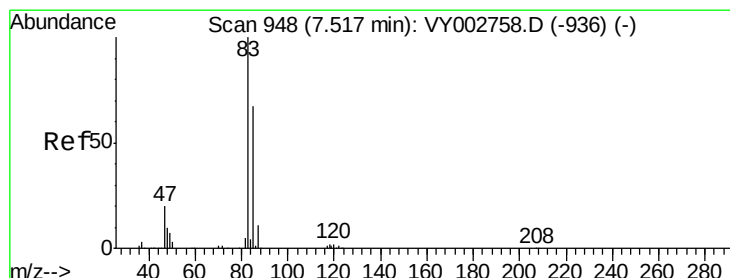
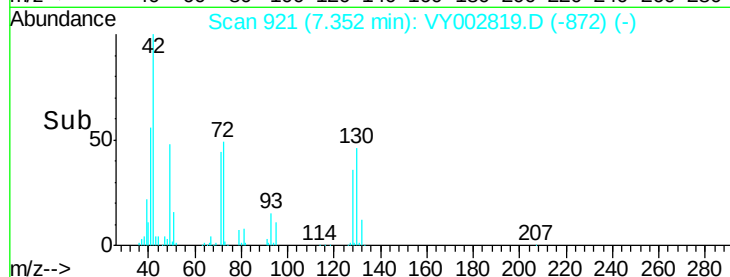
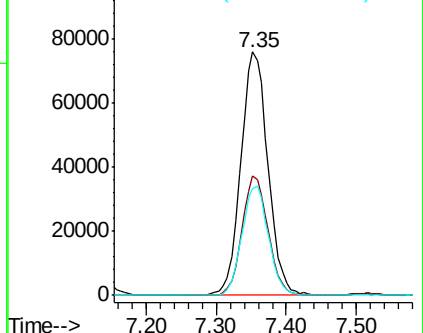
71 43.9 35.8 53.8



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: 53.487 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002819.D

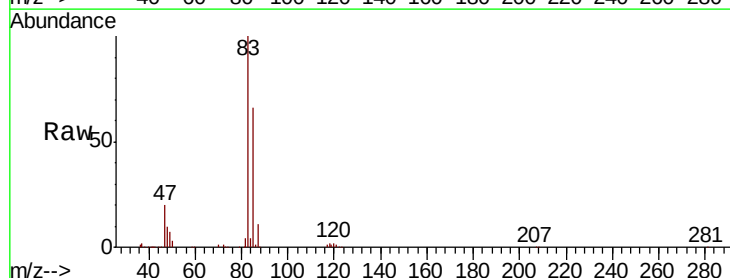
Acq: 02 Jun 2020 17:20

Tgt Ion: 83 Resp: 295744

Ion Ratio Lower Upper

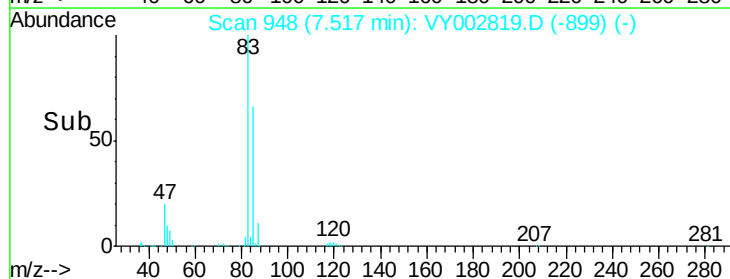
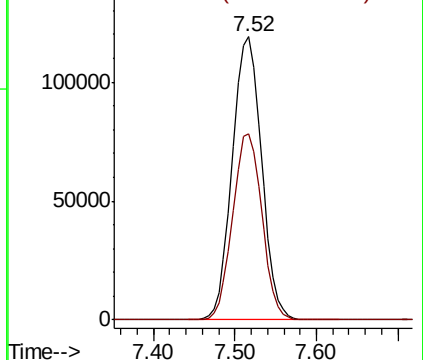
83 100

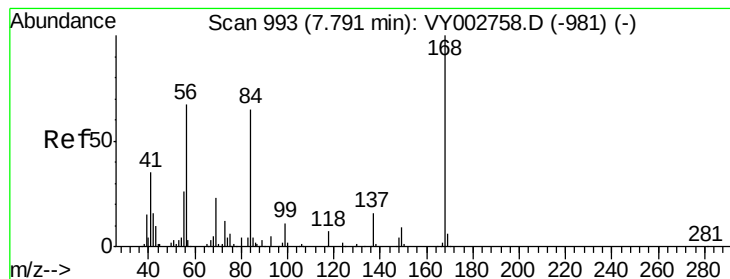
85 65.6 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 50.216 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

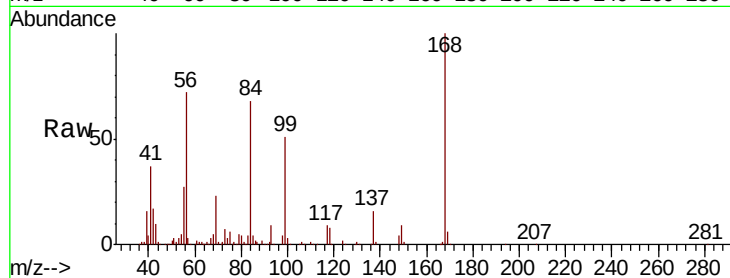
Tot Ion: 56 Resp: 259791

Ion Ratio Lower Upper

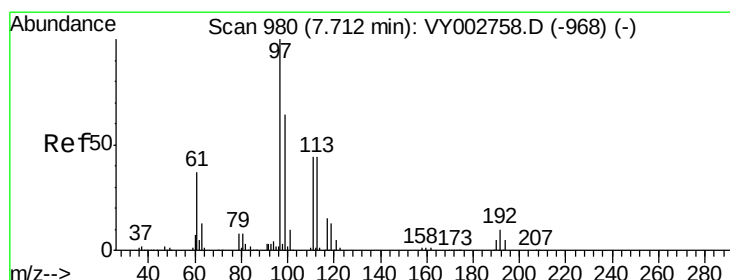
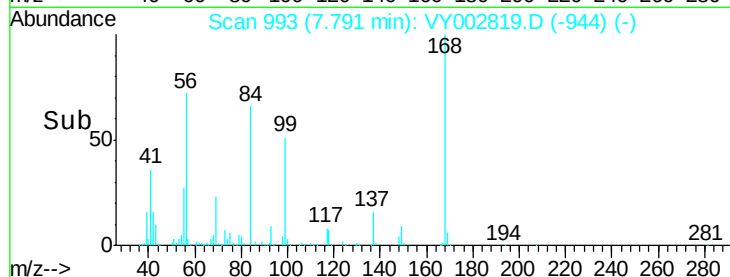
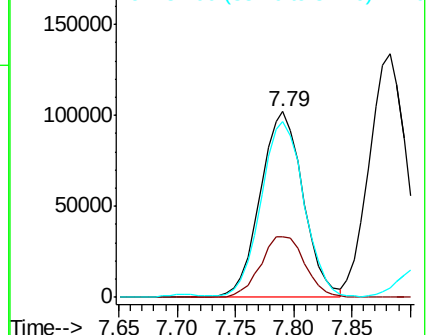
56 100

69 32.6 28.0 42.0

84 93.2 77.7 116.5



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: 51.084 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

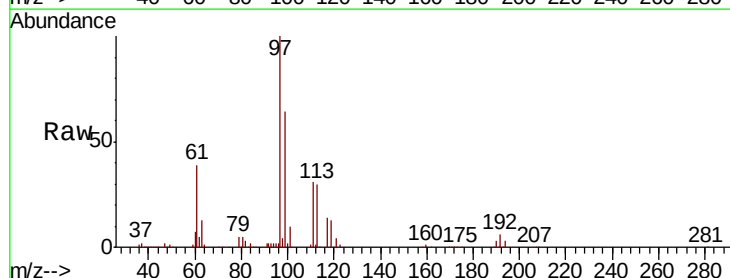
Tgt Ion: 97 Resp: 263211

Ion Ratio Lower Upper

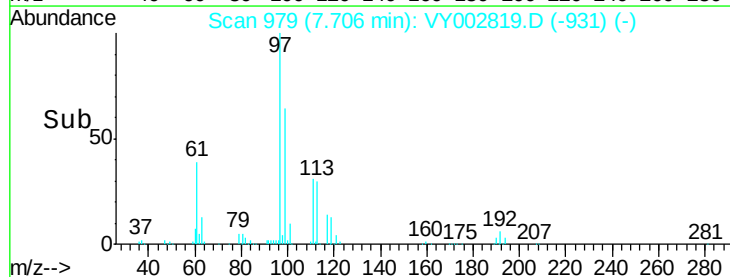
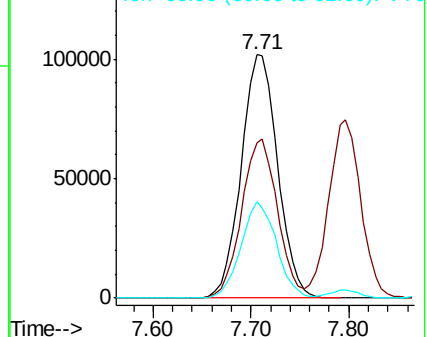
97 100

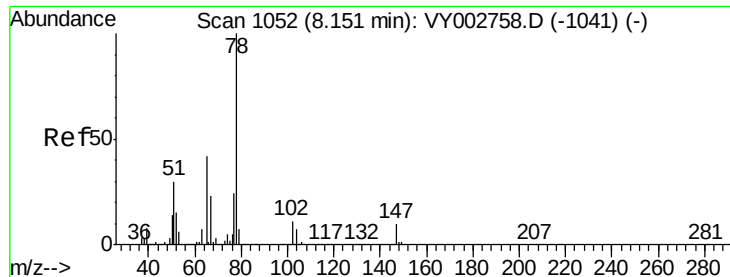
99 64.4 51.4 77.0

61 38.5 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

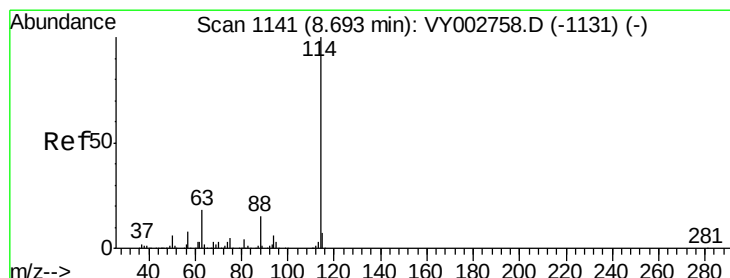
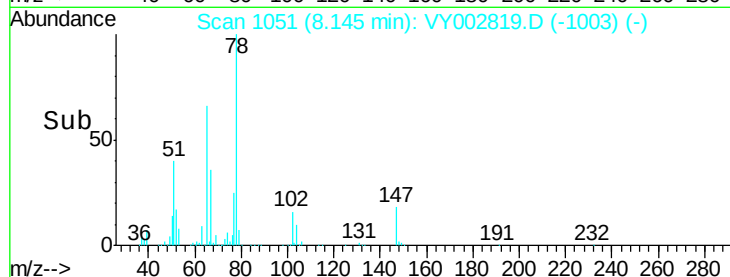
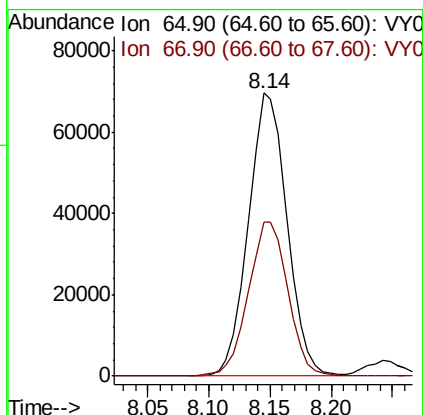
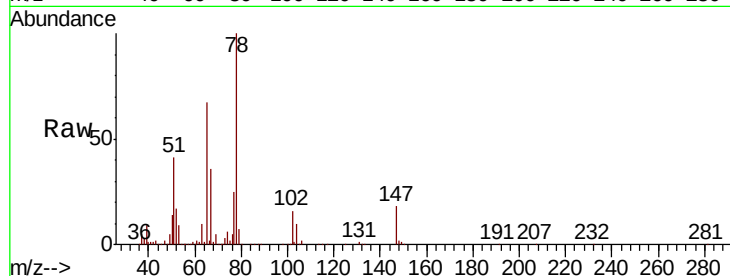




#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

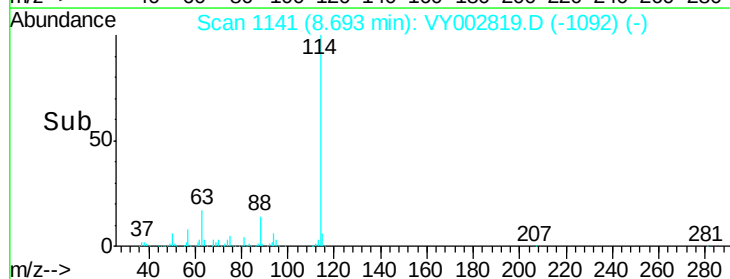
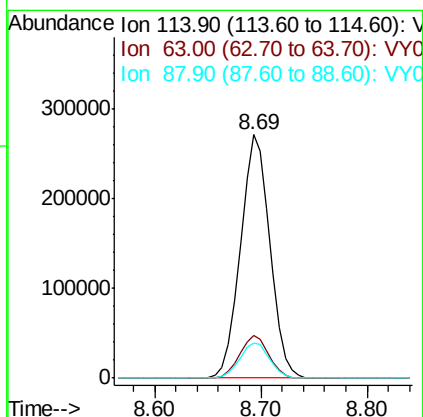
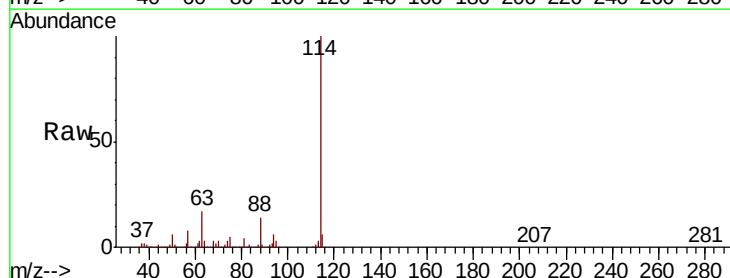
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

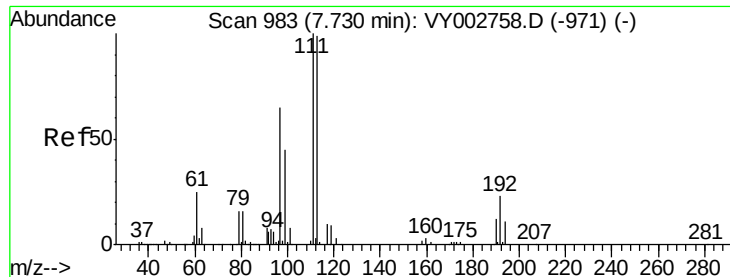
Tot Ion: 65 Resp: 153223
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 114 Resp: 524494
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.3 0.0 29.2

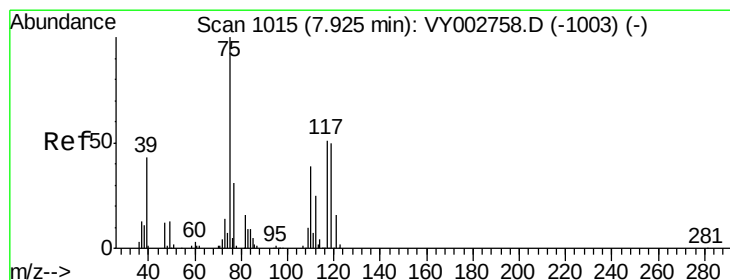
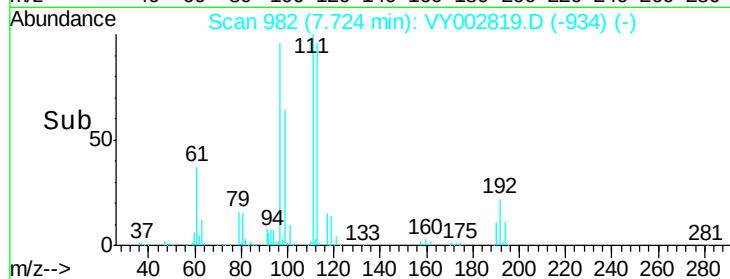
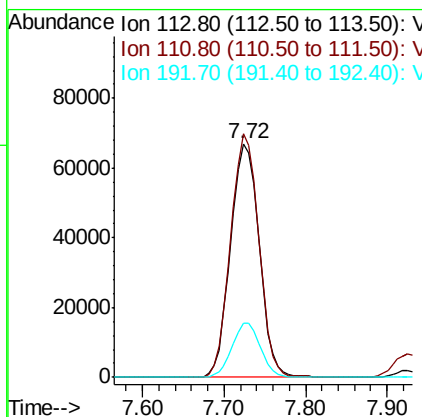
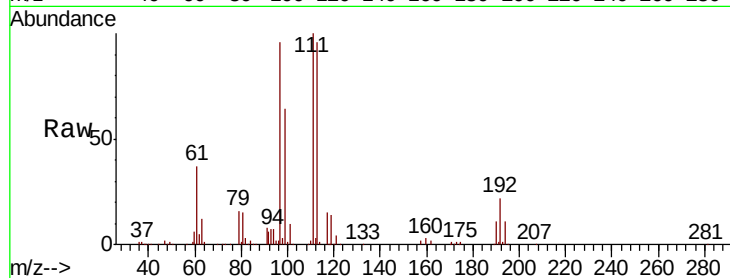




#35
 Dibromofluoromethane
 Concen: 52.983 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

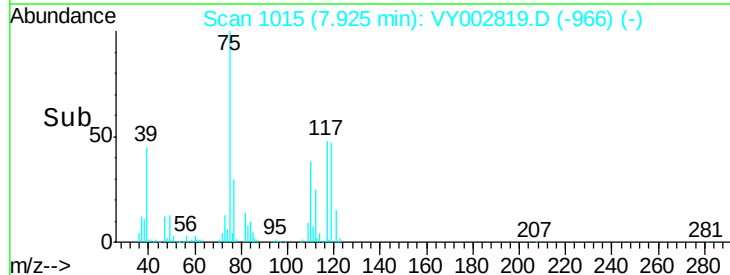
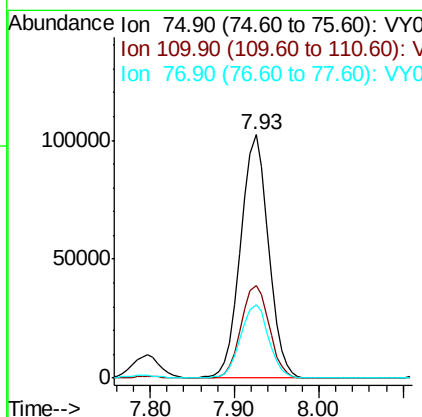
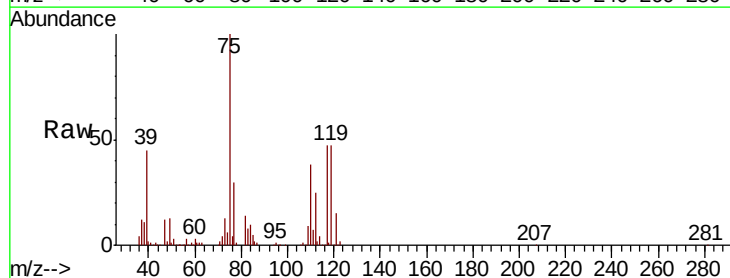
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

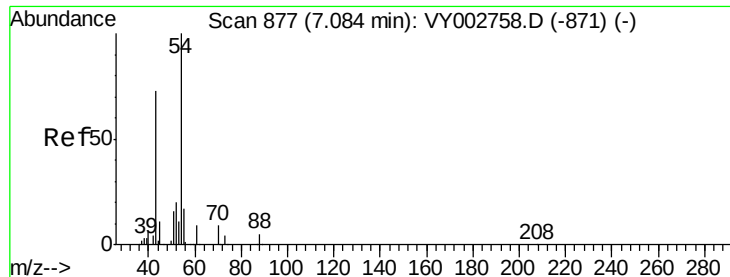
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.7	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 51.630 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	30.6	24.8	37.2

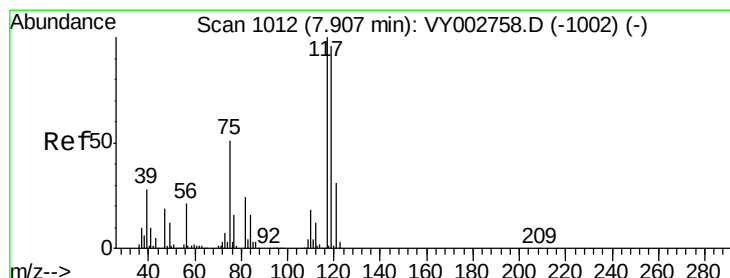
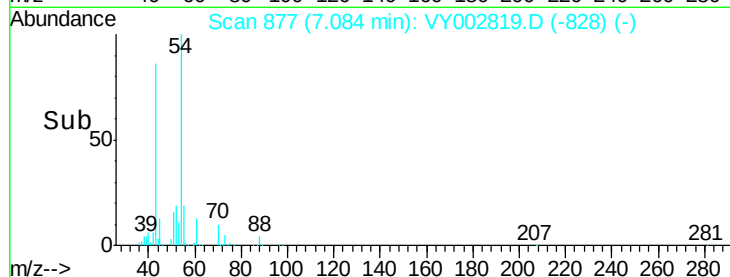
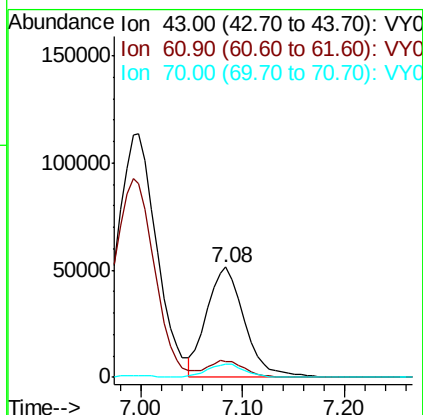
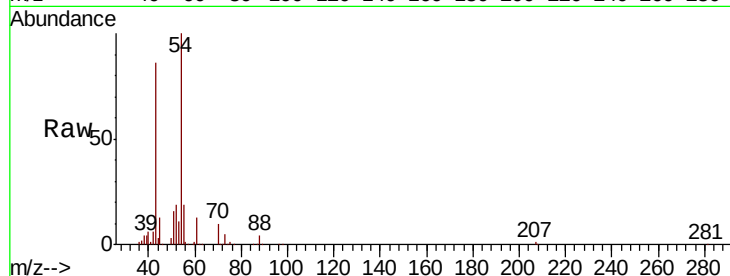




#37
Ethyl Acetate
Concen: 55.122 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

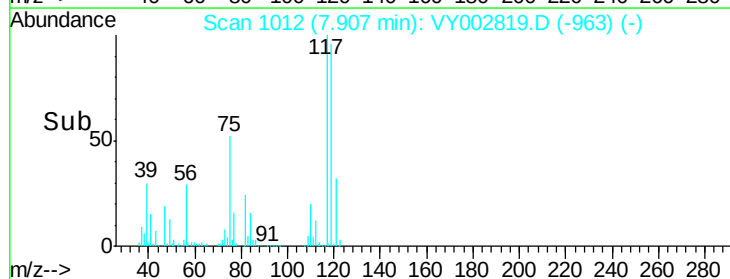
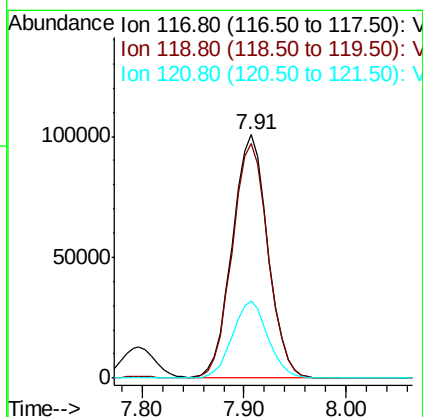
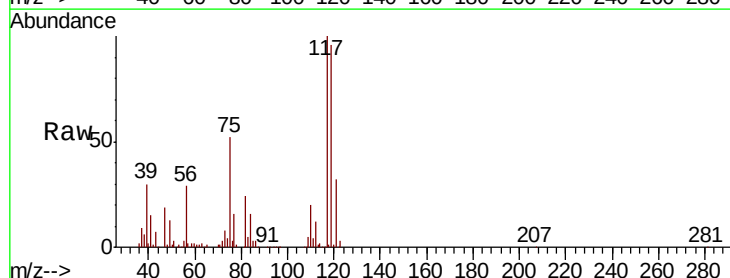
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

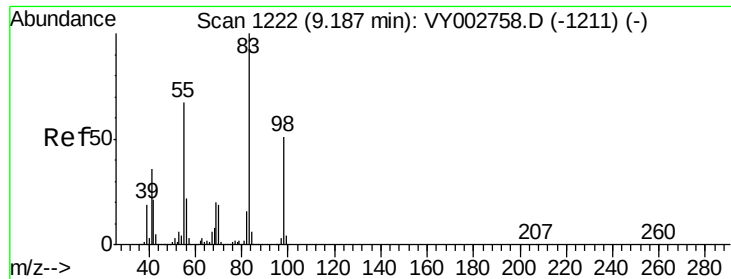
Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.7	11.9	17.9	
70	11.9	9.1	13.7	



#38
Carbon Tetrachloride
Concen: 49.646 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	96.4	76.8	115.2	
121	31.8	24.8	37.2	

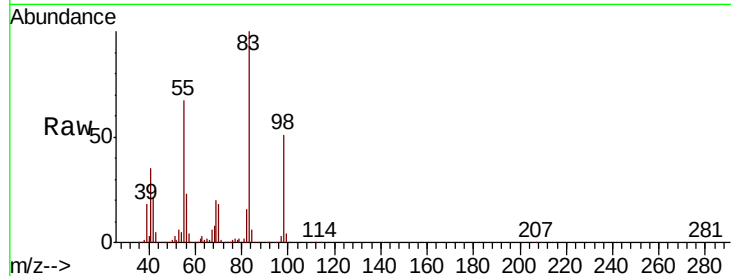




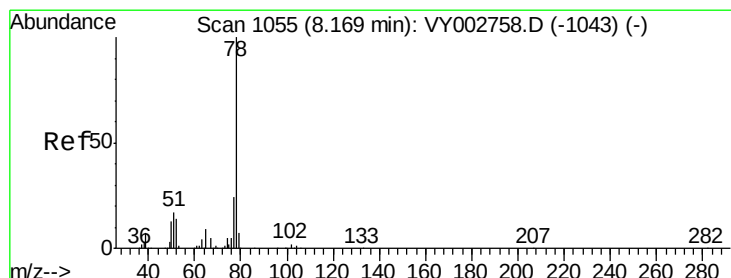
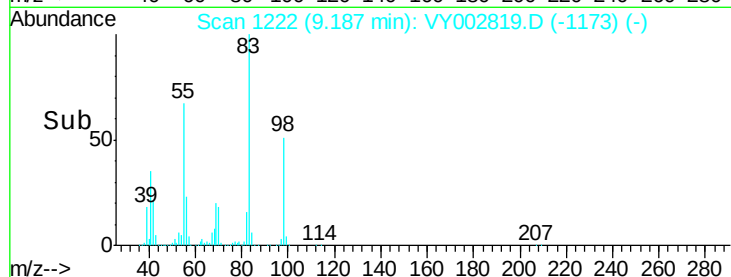
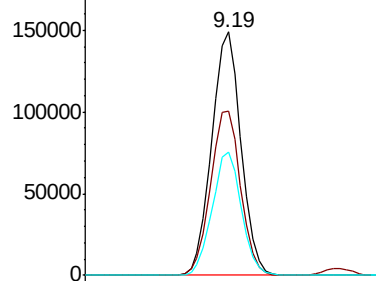
#39
Methylvlcyclohexane
Concen: 51.107 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 297629
Ion Ratio Lower Upper
83 100
55 67.4 53.3 79.9
98 50.7 41.1 61.7

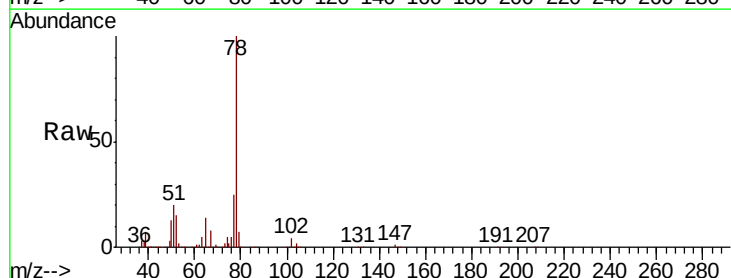


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

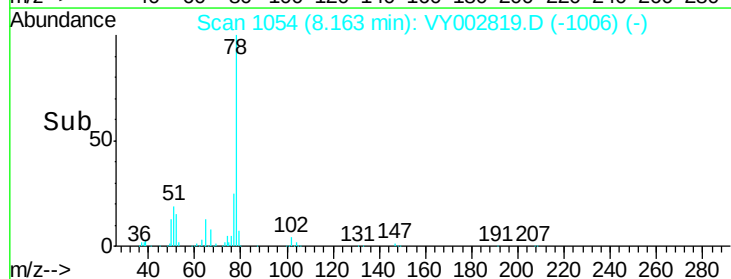
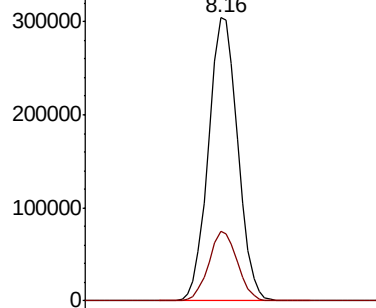


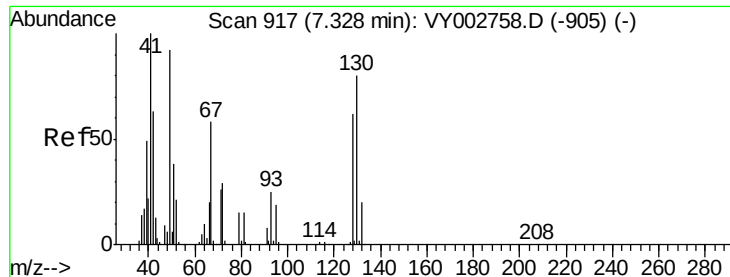
#40
Benzene
Concen: 52.144 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 78 Resp: 680739
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2



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

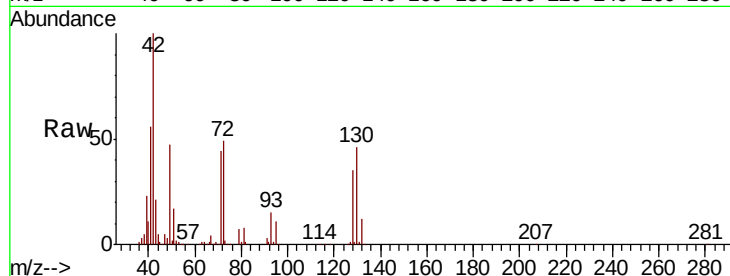




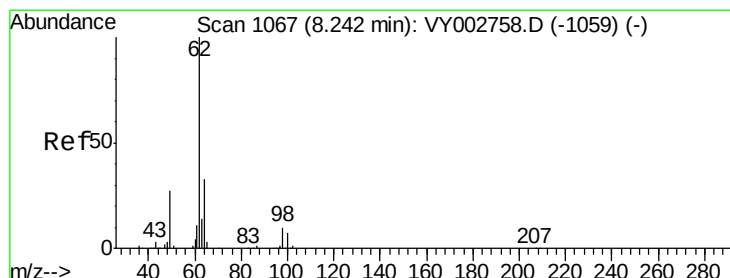
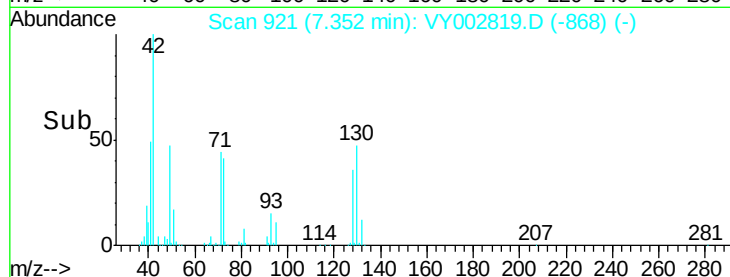
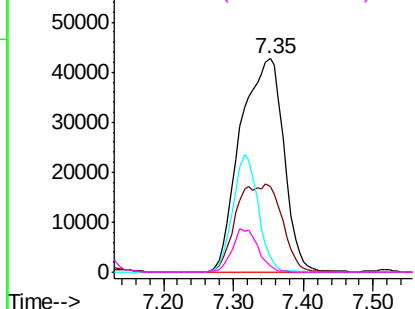
#41
Methacrylonitrile
Concen: 142.556 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 184097
Ion Ratio Lower Upper
41 100
39 0.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

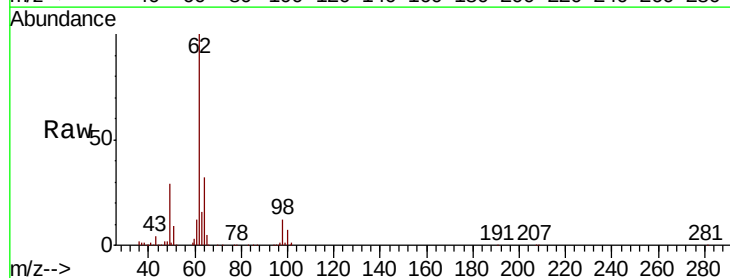


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

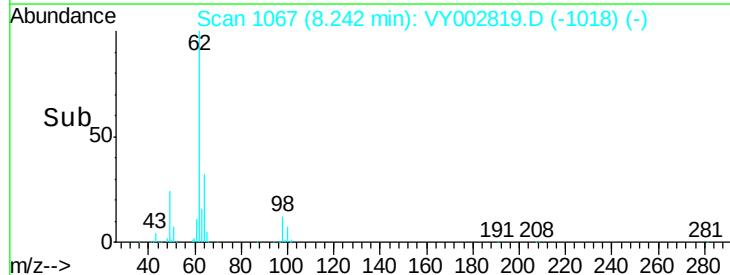
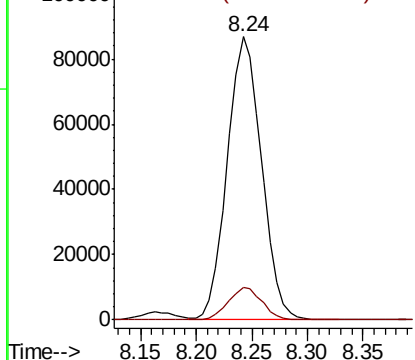


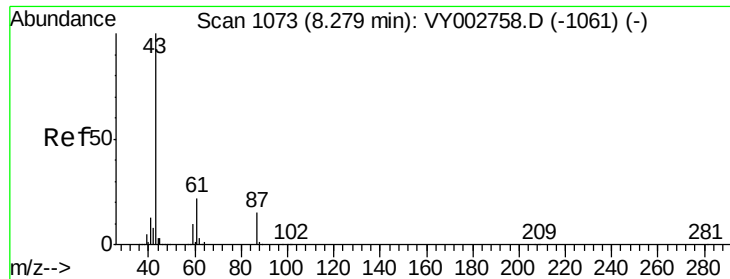
#42
1,2-Dichloroethane
Concen: 50.669 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 62 Resp: 185383
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 55.766 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

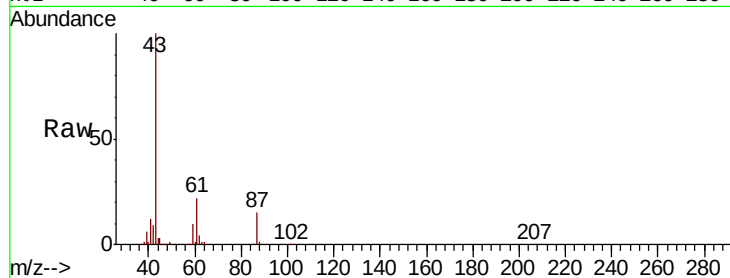
Tot Ion: 43 Resp: 254031

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

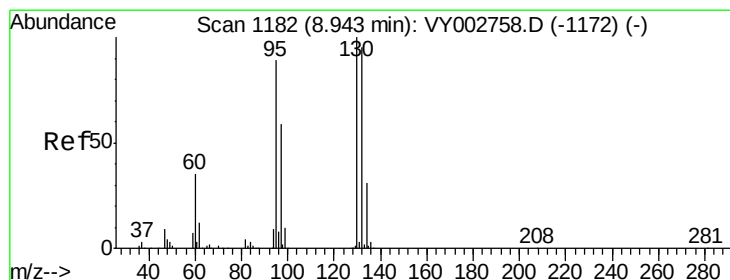
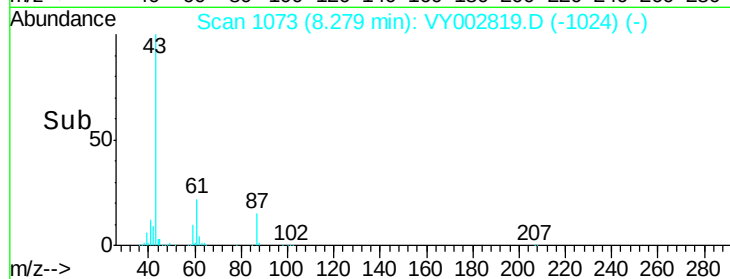
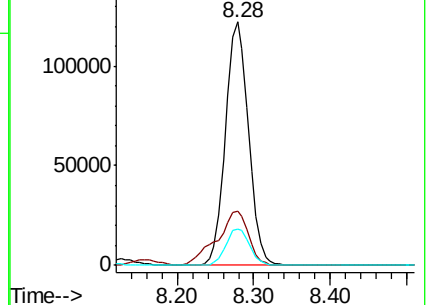
87 15.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002819.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002819.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002819.D (-1024) (-)



#44

Trichloroethene

Concen: 51.009 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002819.D

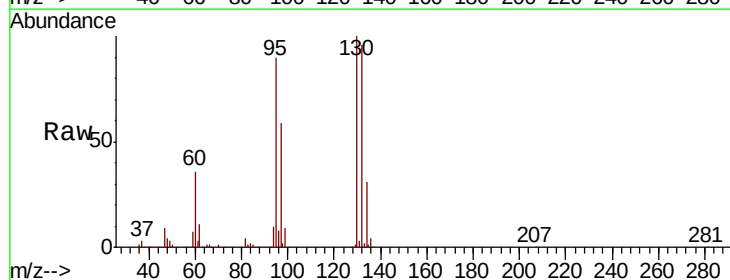
Acq: 02 Jun 2020 17:20

Tgt Ion:130 Resp: 210344

Ion Ratio Lower Upper

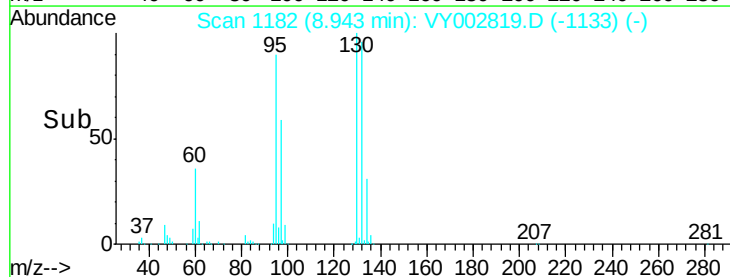
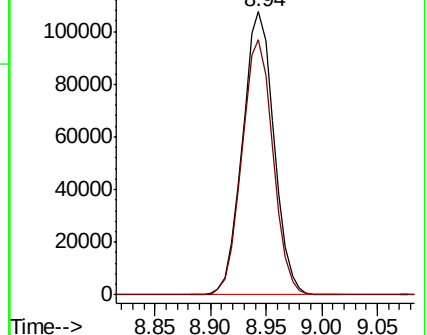
130 100

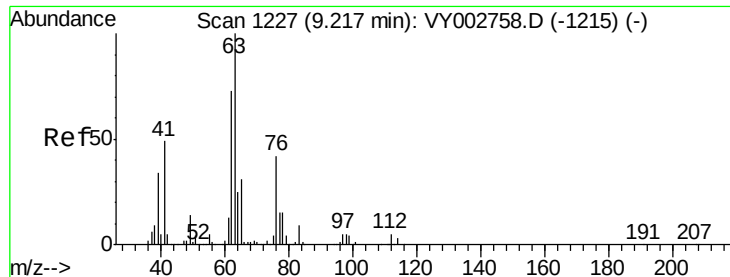
95 90.1 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002819.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002819.D (-1133) (-)

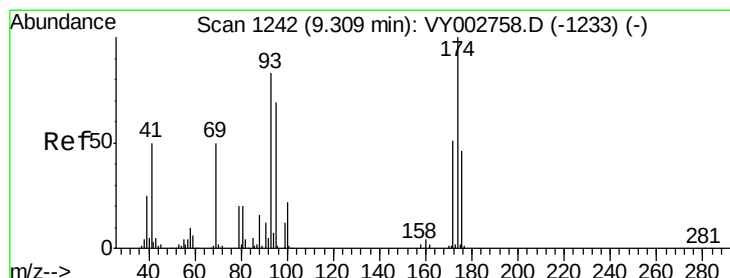
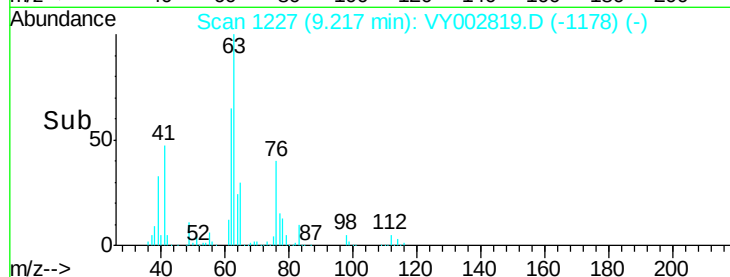
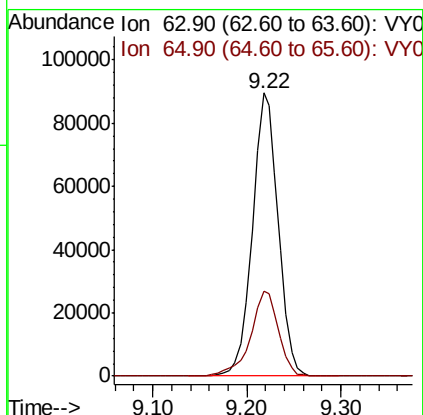
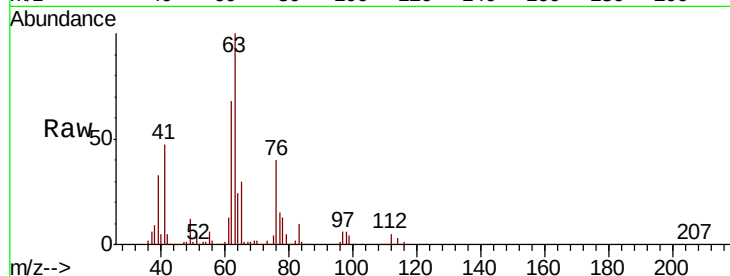




#45
 1,2-Dichloropropane
 Concen: 54.841 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

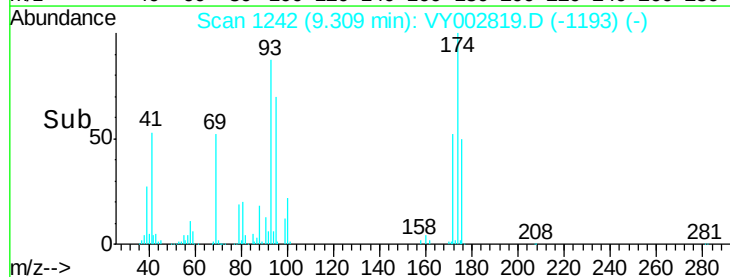
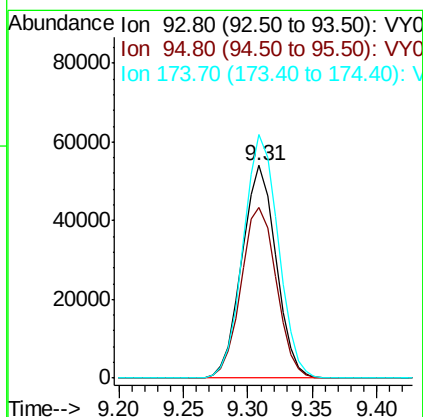
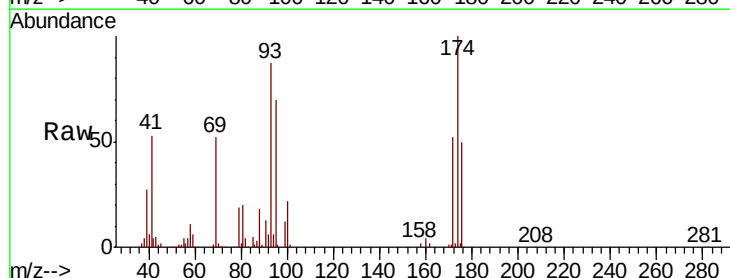
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

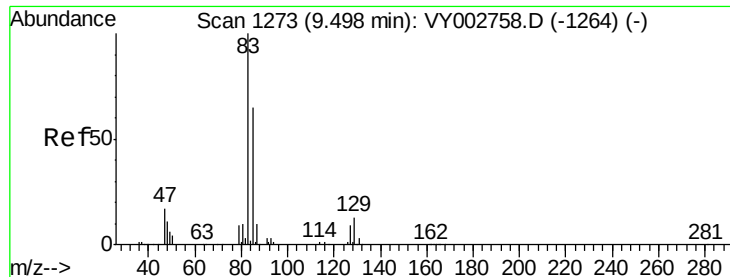
Tot Ion: 63 Resp: 171691
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 53.510 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 93 Resp: 99490
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.9 100.3
 174 116.7 97.7 146.5





#47

Bromodichloromethane

Concen: 53.567 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

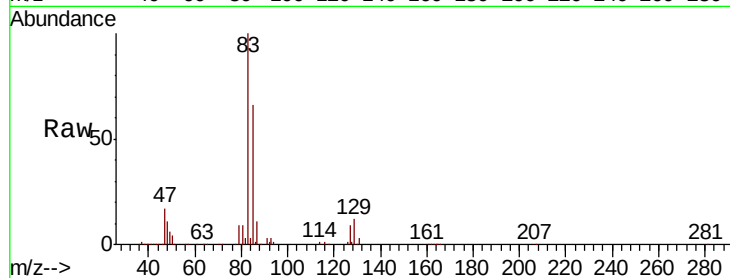
Tot Ion: 83 Resp: 234793

Ion Ratio Lower Upper

83 100

85 66.3 51.9 77.9

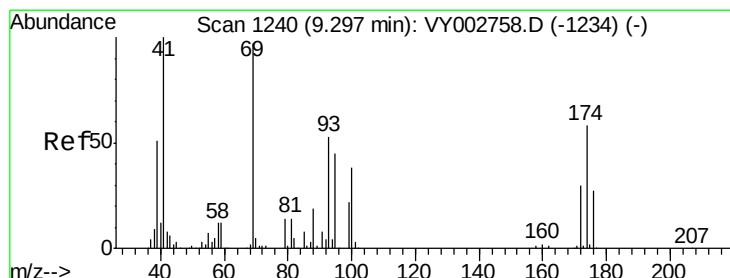
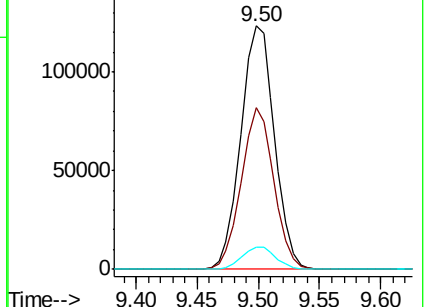
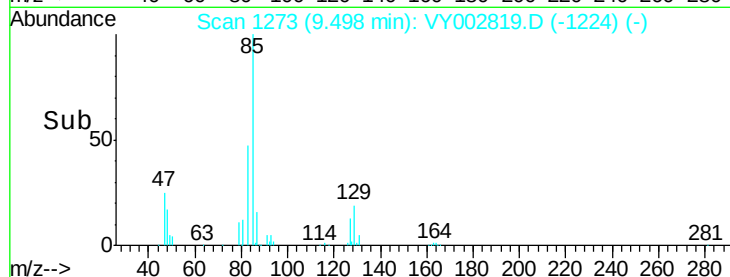
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY002819.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY002819.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY002819.D (-1224) (-)



#48

Methyl methacrylate

Concen: 56.175 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

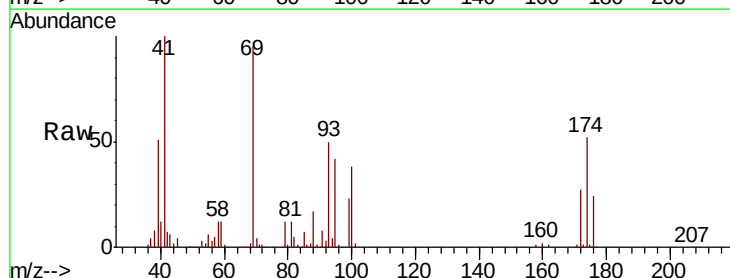
Tgt Ion: 41 Resp: 115518

Ion Ratio Lower Upper

41 100

69 96.5 79.7 119.5

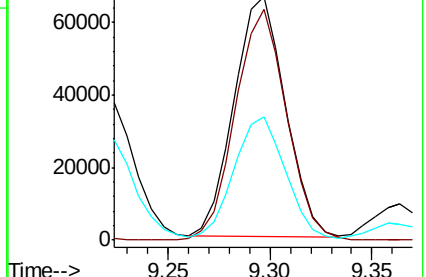
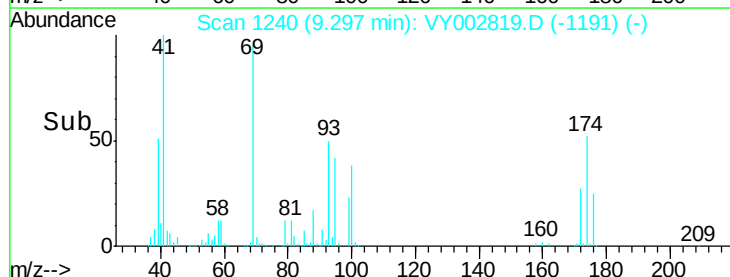
39 52.2 43.3 64.9

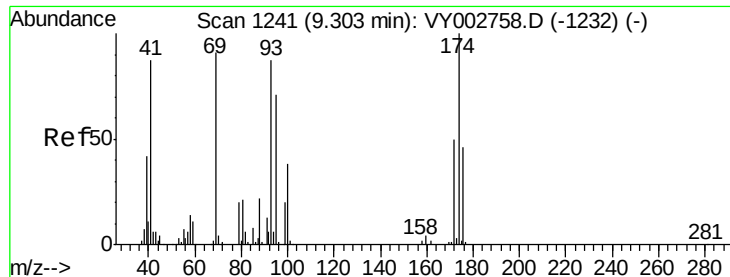


Abundance Ion 41.00 (40.70 to 41.70): VY002819.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY002819.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY002819.D (-1191) (-)

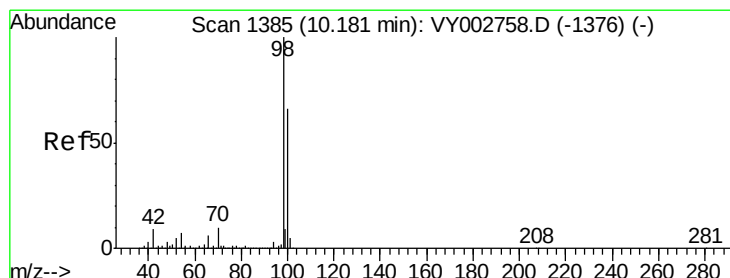
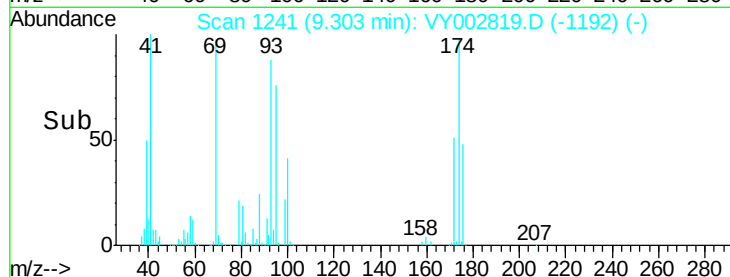
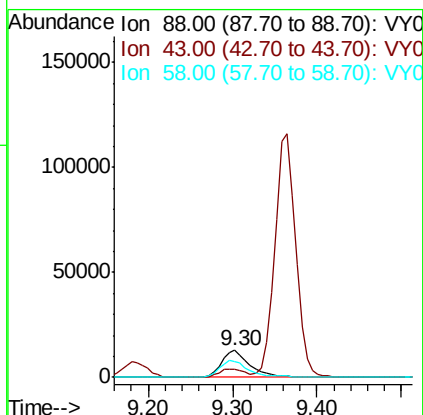
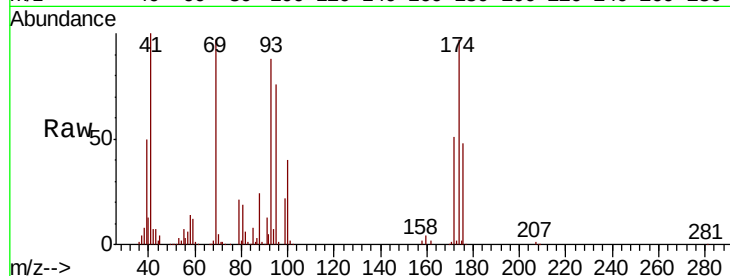




#49
1,4-Dioxane
Concen: 1044.075 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

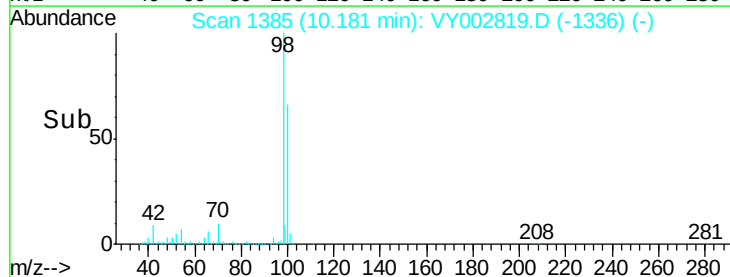
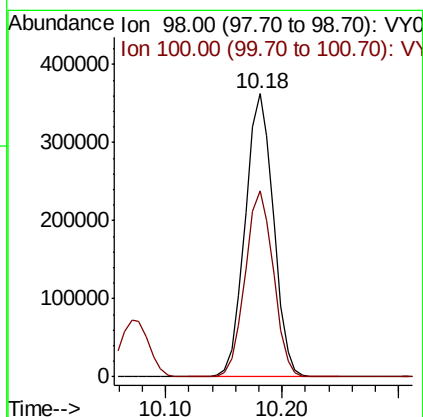
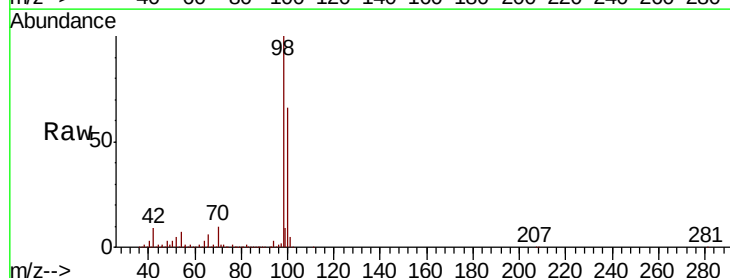
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

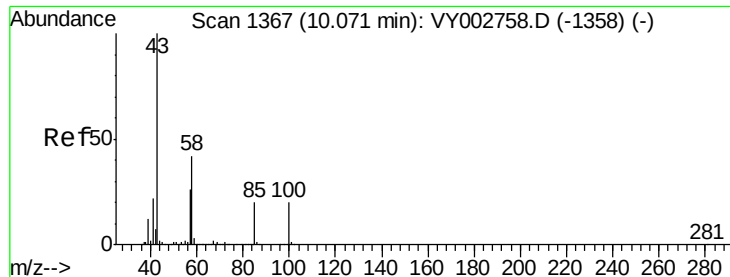
Tot Ion: 88 Resp: 29807
Ion Ratio Lower Upper
88 100
43 26.7 21.3 31.9
58 66.6 52.2 78.2



#50
Toluene-d8
Concen: 49.660 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 98 Resp: 617184
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 277.230 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

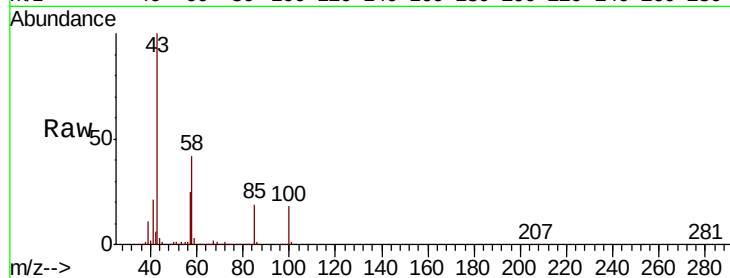
VSTDCCC050EC

Tot Ion: 43 Resp: 668719

Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

400000

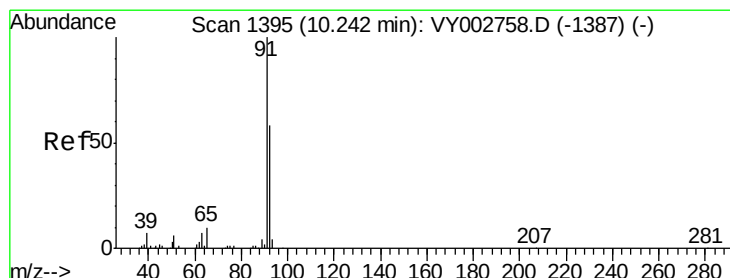
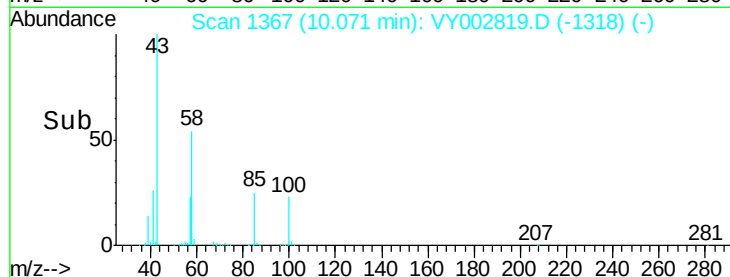
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.172 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002819.D

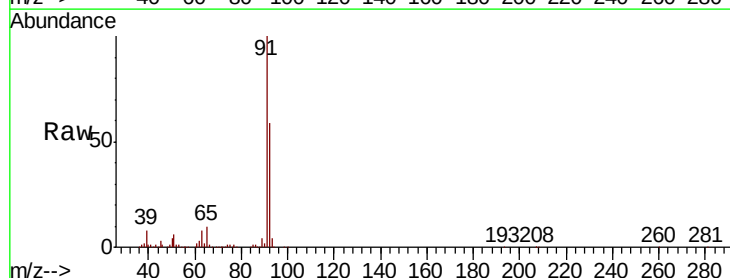
Acq: 02 Jun 2020 17:20

Tgt Ion: 92 Resp: 437023

Ion Ratio Lower Upper

92 100

91 172.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

500000

400000

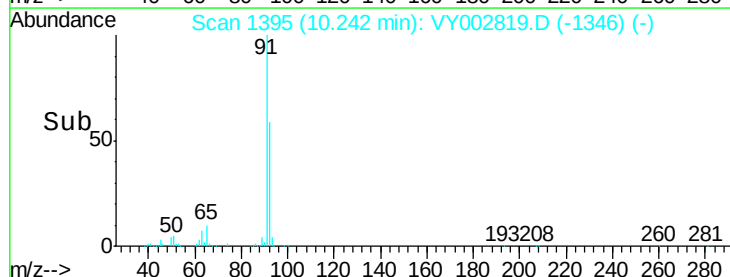
300000

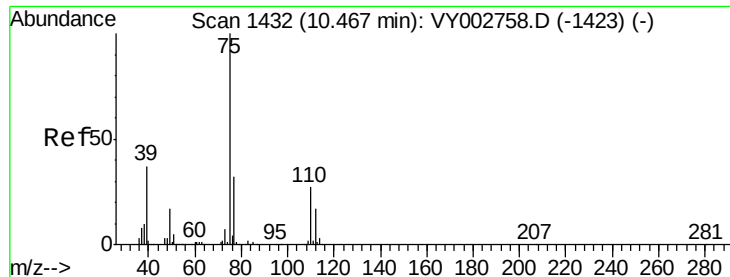
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.815 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

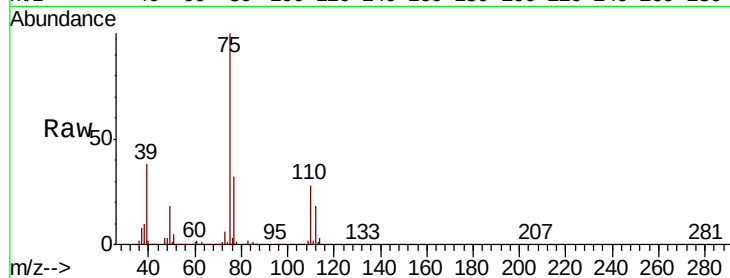
VSTDCCC050EC

Tot Ion: 75 Resp: 252853

Ion Ratio Lower Upper

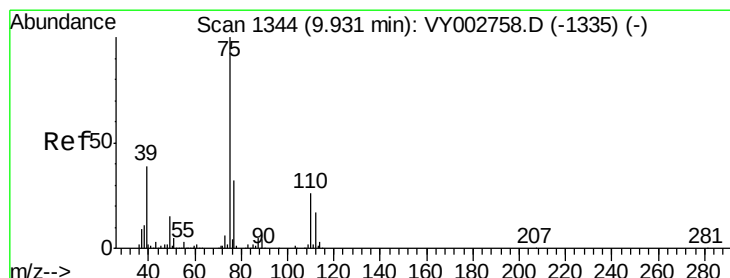
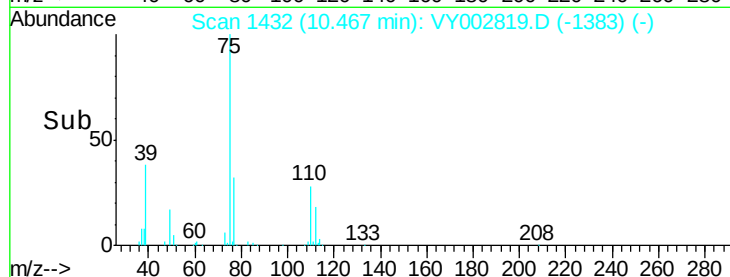
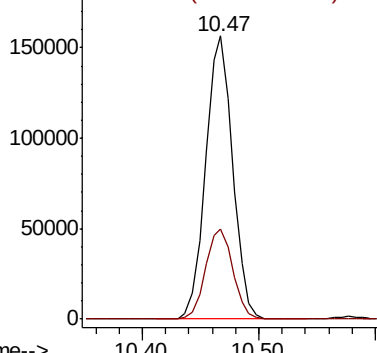
75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 53.256 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

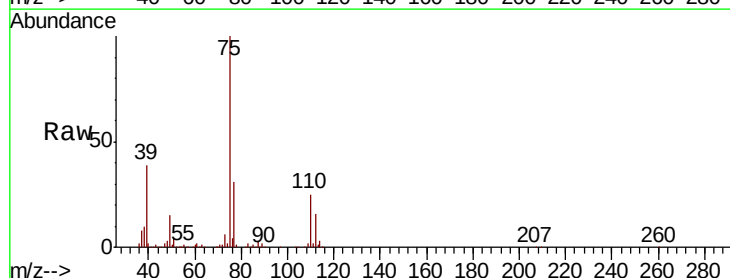
Tgt Ion: 75 Resp: 288907

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

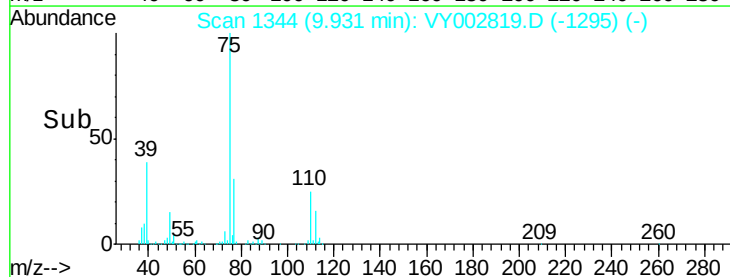
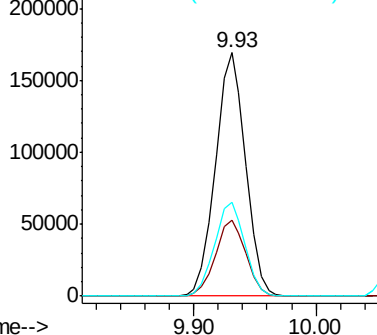
39 38.6 31.3 46.9

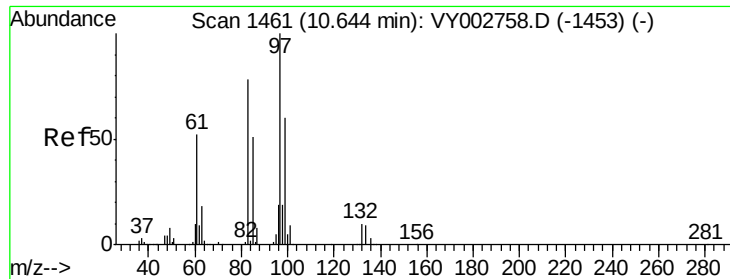


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 52.748 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 150147

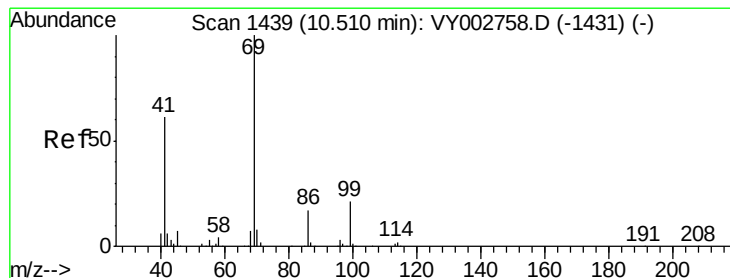
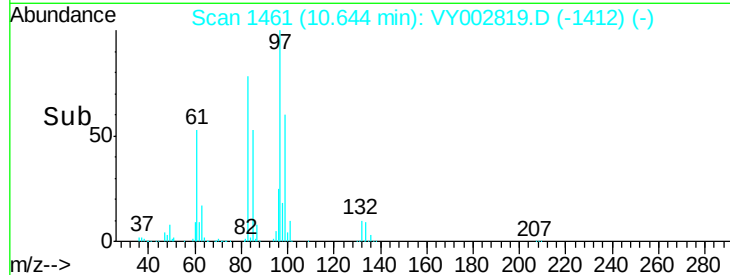
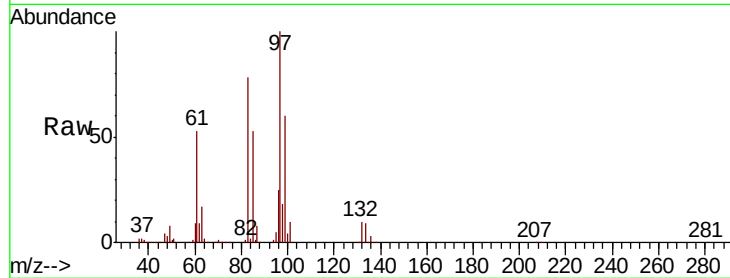
Ion	Ratio	Lower	Upper
97	100		
83	78.2	62.7	94.1
85	52.6	40.6	60.8
99	59.7	48.2	72.4

Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.852 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

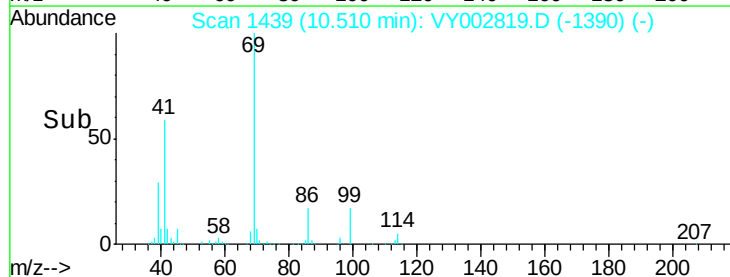
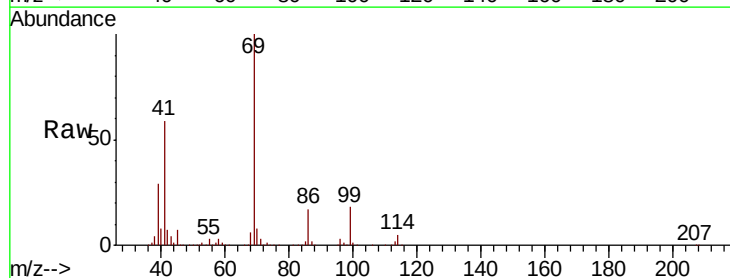
Tgt Ion: 69 Resp: 209130

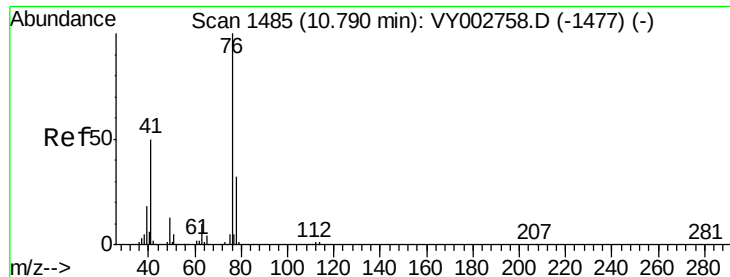
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.0	70.4
39	26.2	22.0	33.0

Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 53.111 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

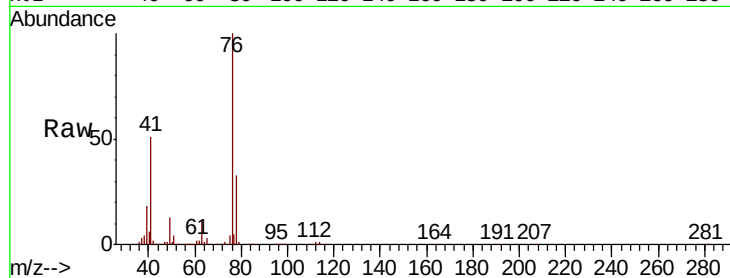
VSTDCCC050EC

Tot Ion: 76 Resp: 248660

Ion Ratio Lower Upper

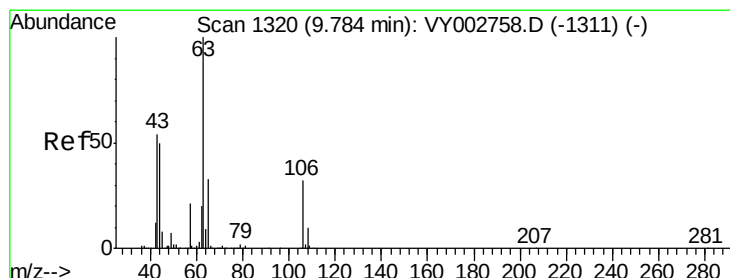
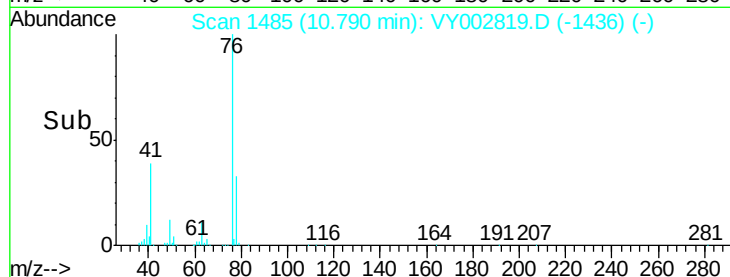
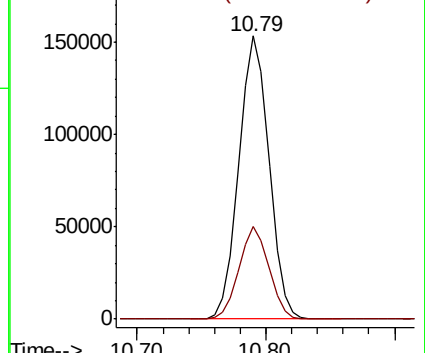
76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 256.376 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002819.D

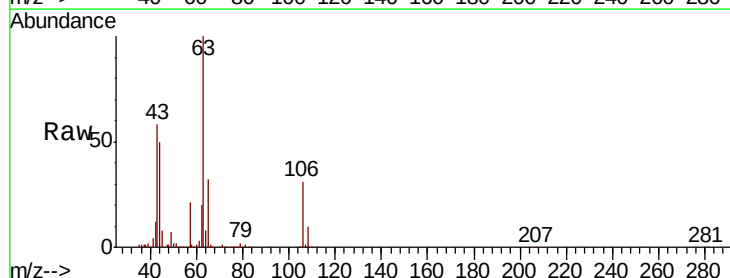
Acq: 02 Jun 2020 17:20

Tgt Ion: 63 Resp: 477618

Ion Ratio Lower Upper

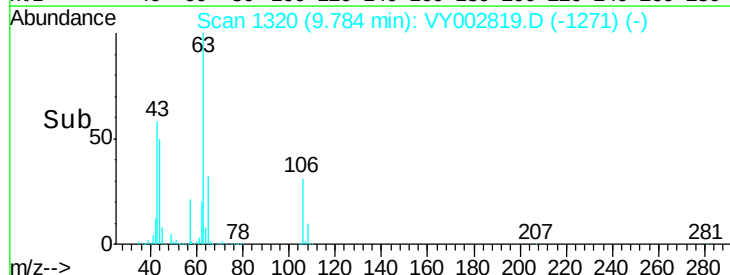
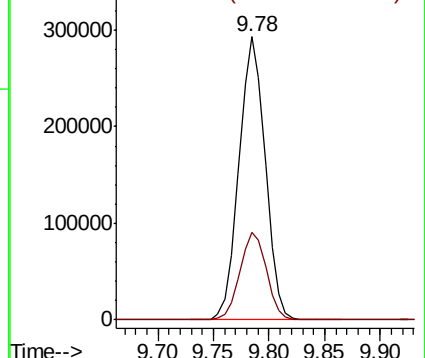
63 100

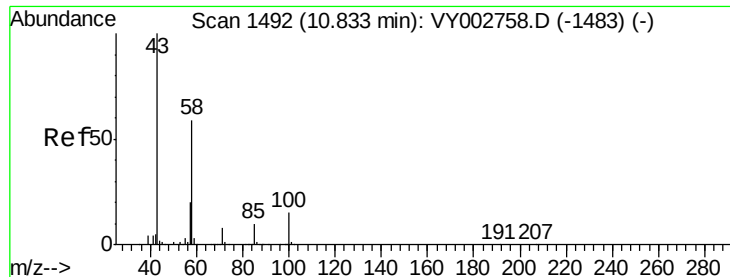
106 31.2 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

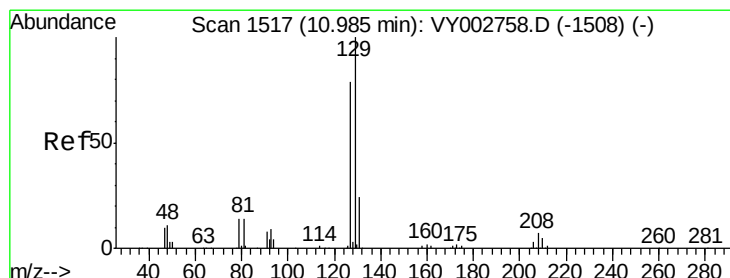
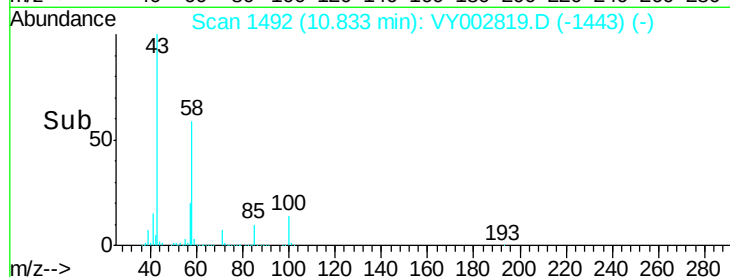
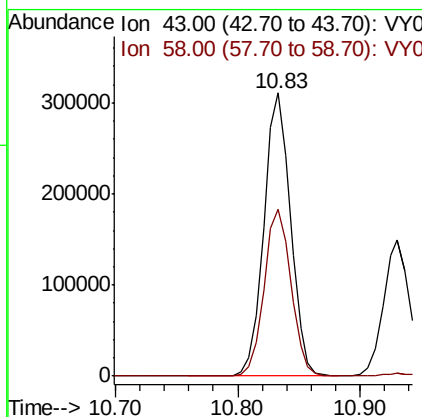
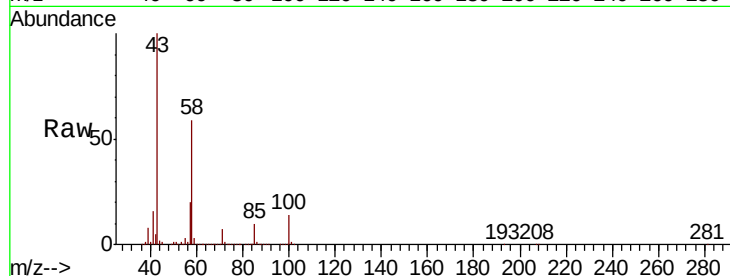




#59
2-Hexanone
Concen: 275.763 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

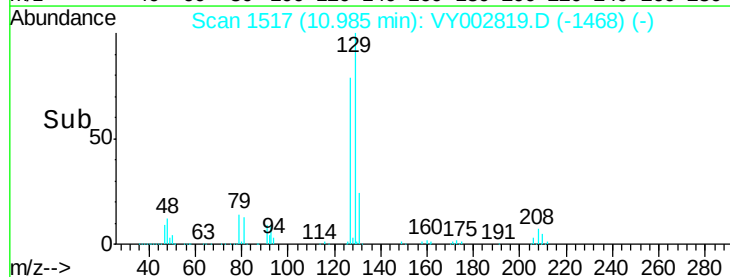
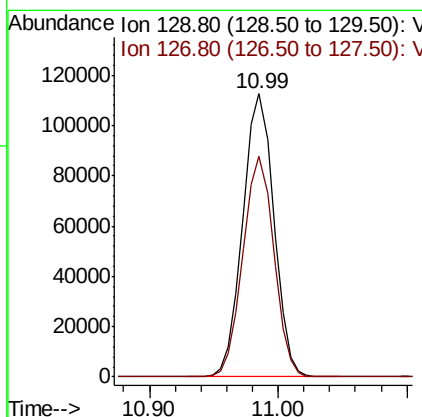
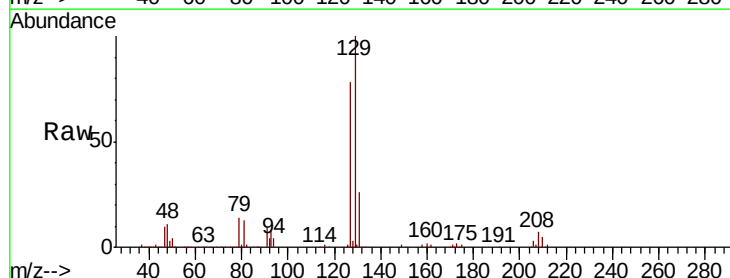
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

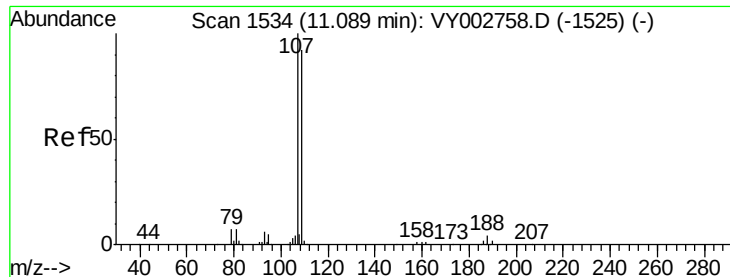
Tot Ion: 43 Resp: 471962
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 52.105 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 129 Resp: 188038
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

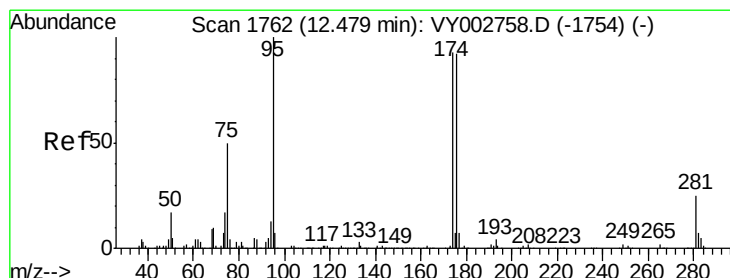
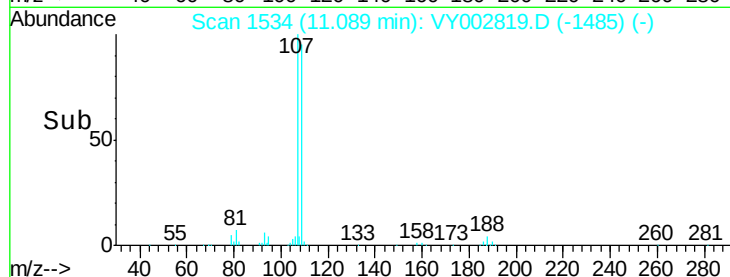
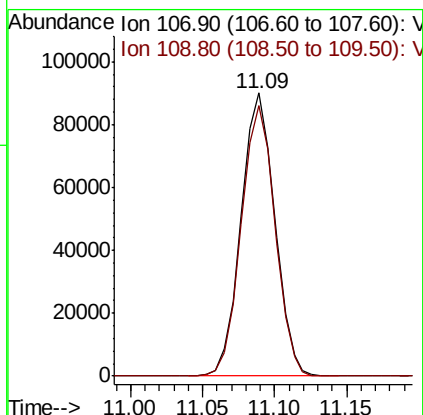
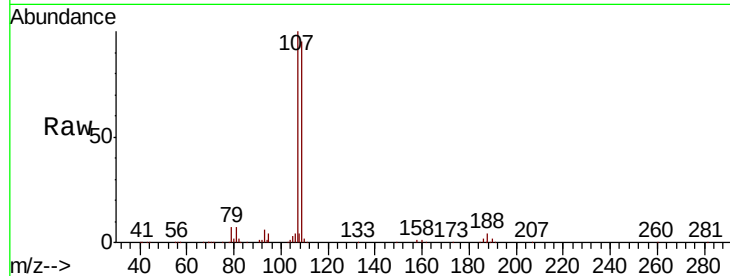




#61
 1,2-Dibromoethane
 Concen: 52.094 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

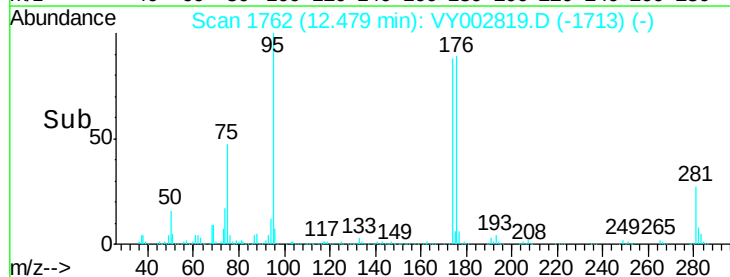
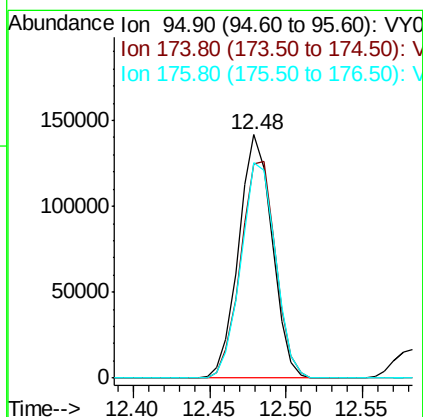
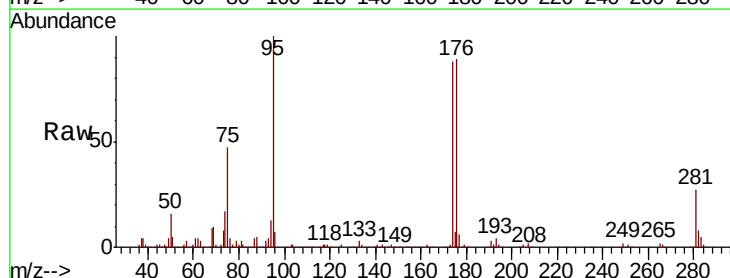
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

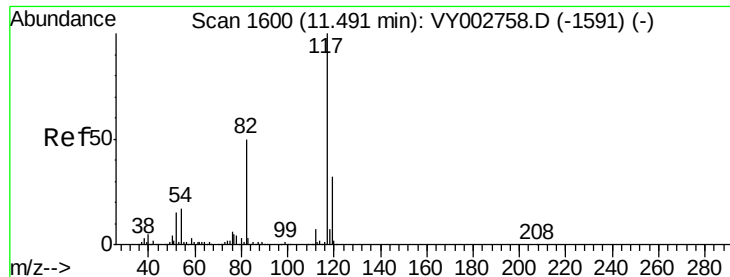
Tot Ion:107 Resp: 146277
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.687 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 95 Resp: 215284
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 191.2
 176 91.5 0.0 188.8

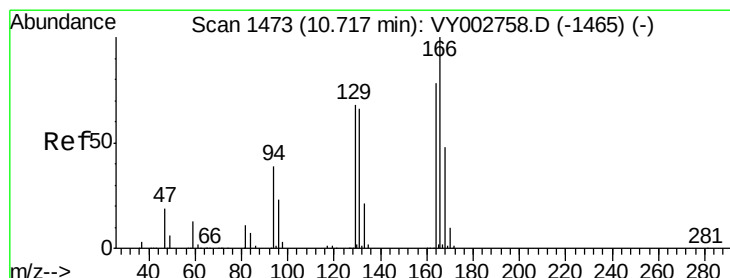
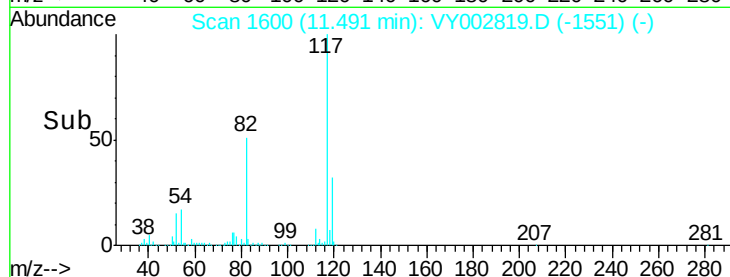
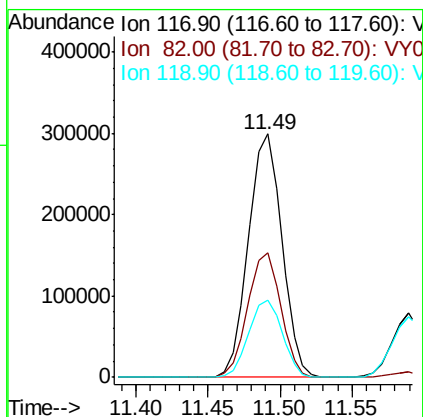
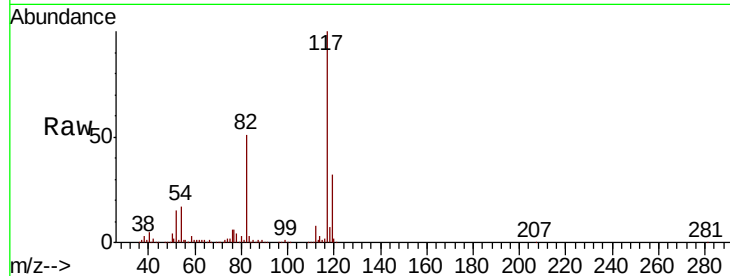




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

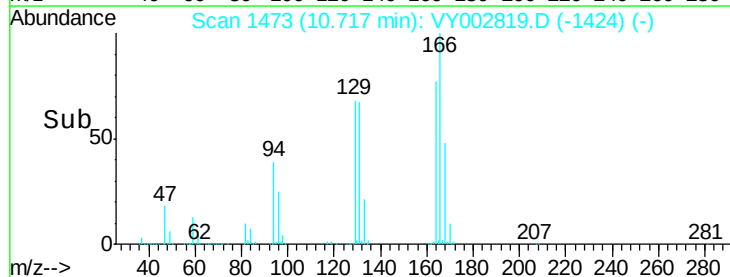
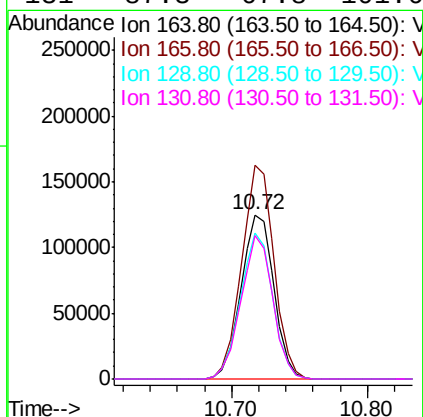
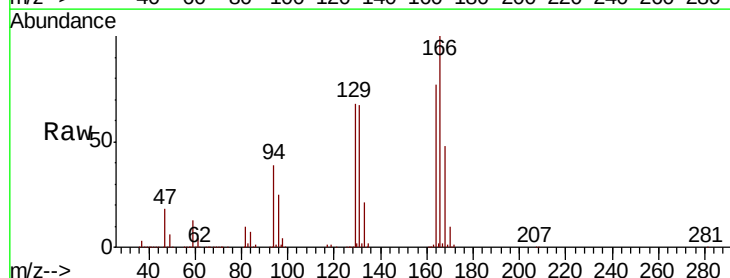
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

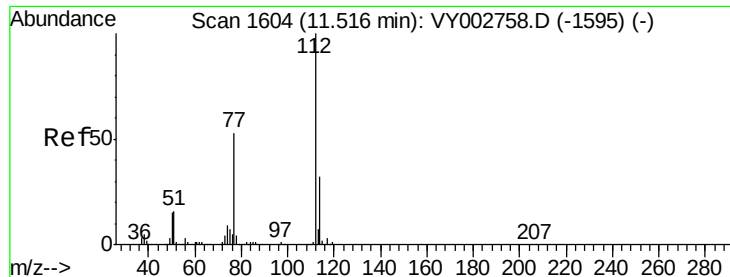
Tot Ion:117 Resp: 481103
Ion Ratio Lower Upper
117 100
82 50.9 40.2 60.4
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 48.226 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion:164 Resp: 210870
Ion Ratio Lower Upper
164 100
166 130.1 102.3 153.5
129 89.0 69.4 104.2
131 87.3 67.8 101.6

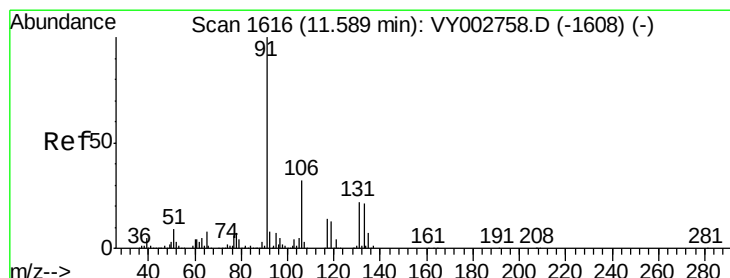
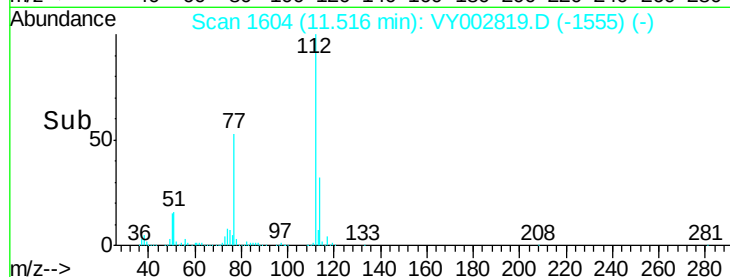
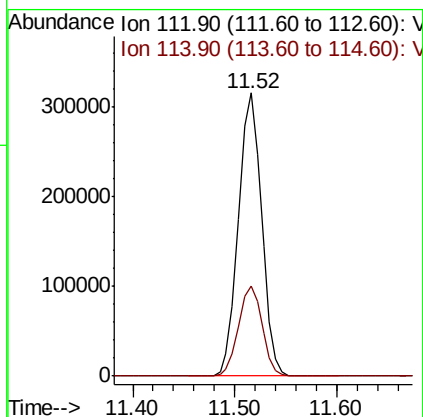
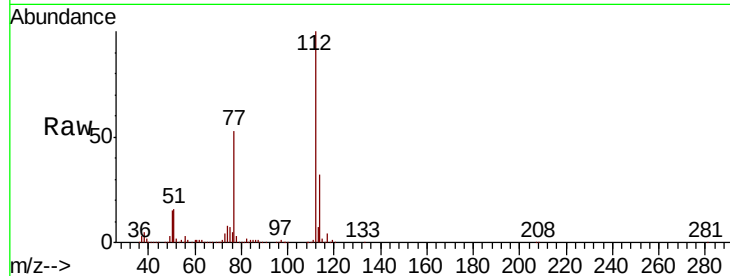




#65
Chlorobenzene
Concen: 52.059 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

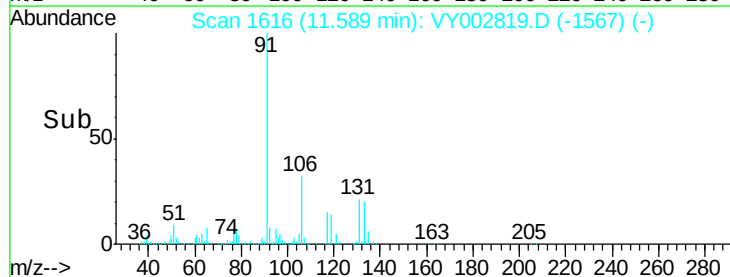
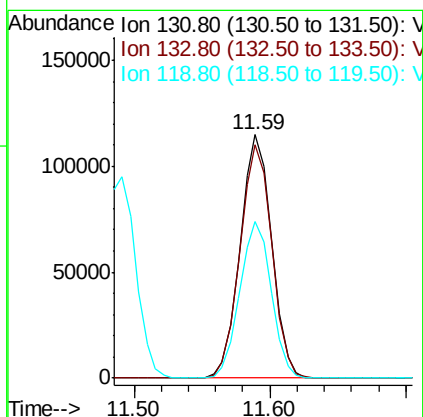
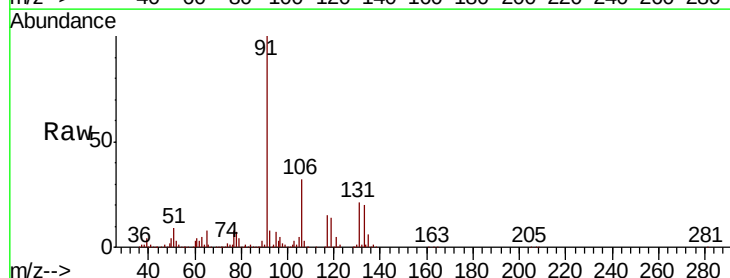
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

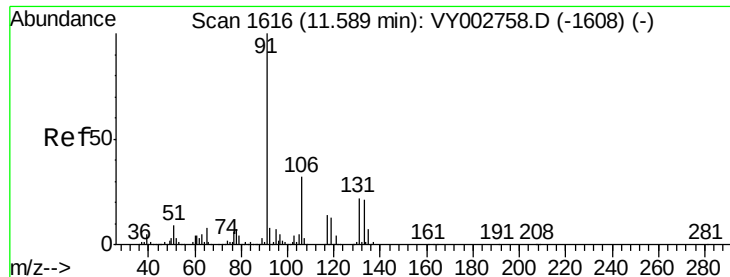
Tot Ion:112 Resp: 495026
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.725 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion:131 Resp: 185244
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.8
119 64.7 31.7 95.1





#67

Ethyl Benzene

Concen: 51.541 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

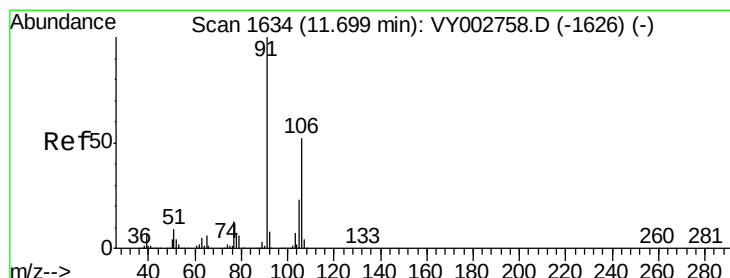
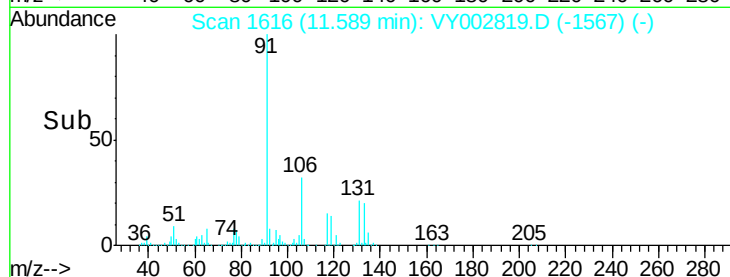
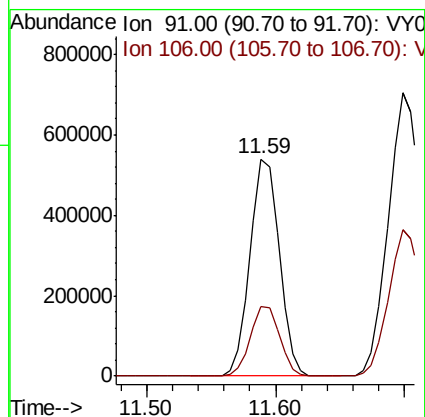
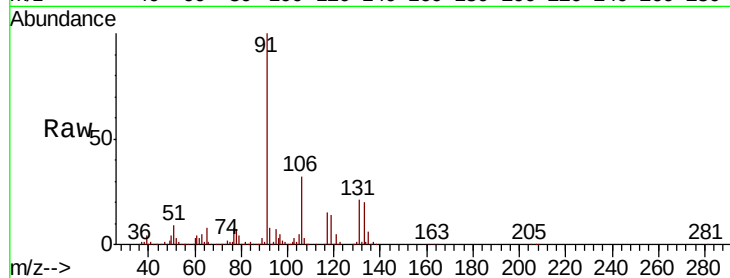
VSTDCCC050EC

Tot Ion: 91 Resp: 849655

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



#68

m/p-Xylenes

Concen: 102.658 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002819.D

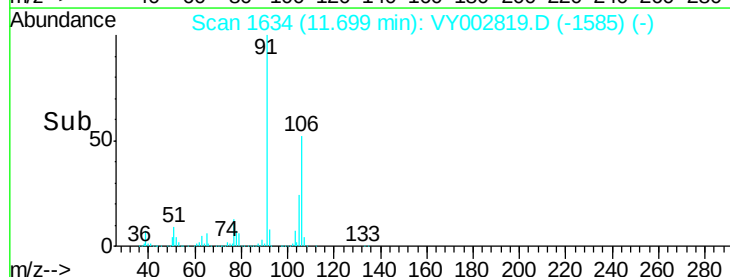
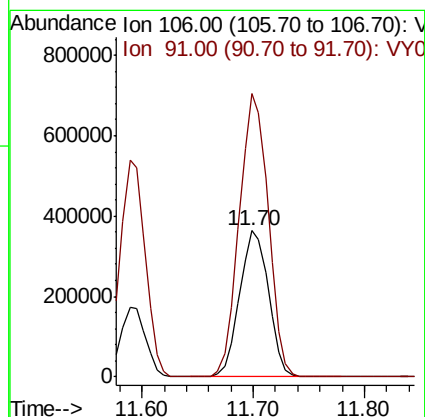
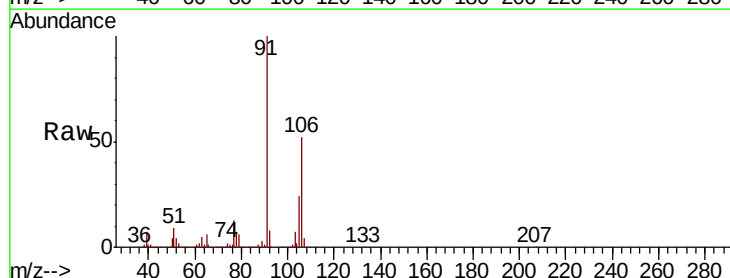
Acq: 02 Jun 2020 17:20

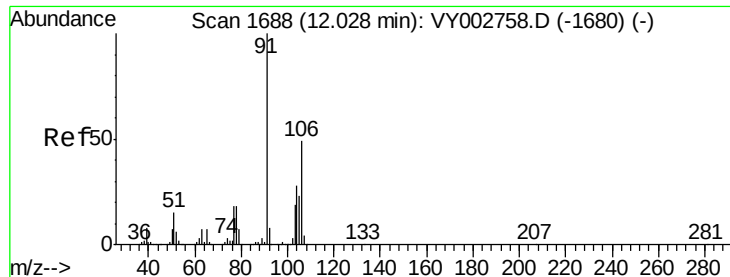
Tgt Ion: 106 Resp: 656141

Ion Ratio Lower Upper

106 100

91 193.8 156.0 234.0

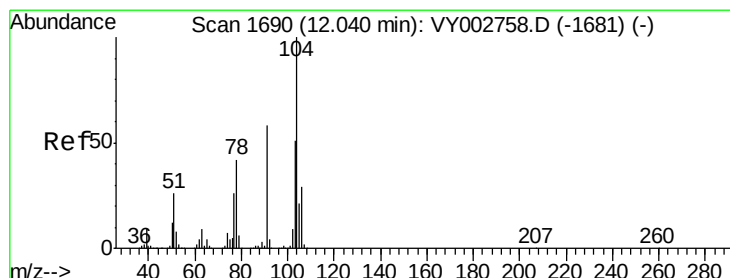
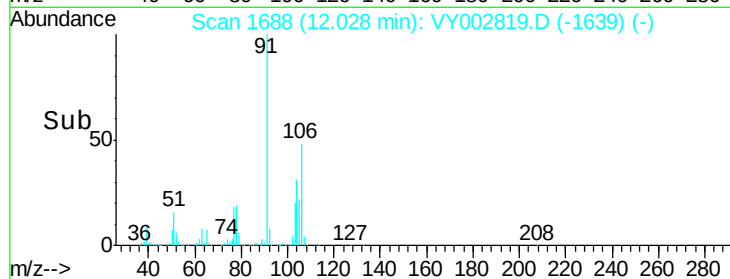
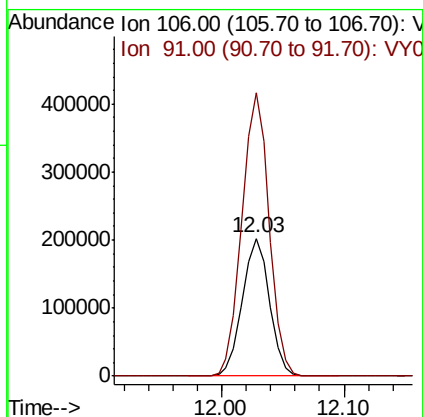
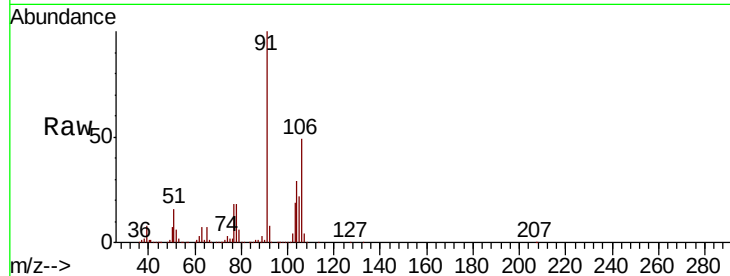




#69
o-Xylene
Concen: 51.600 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

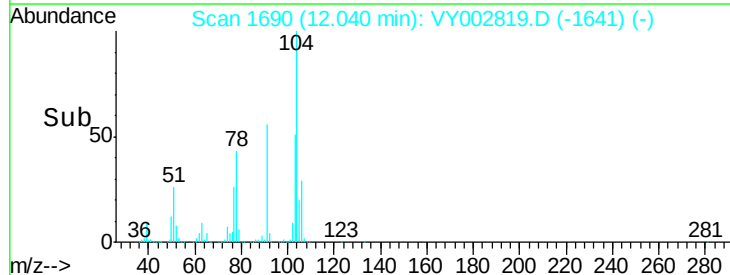
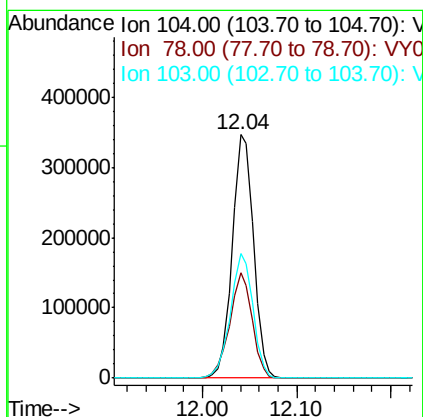
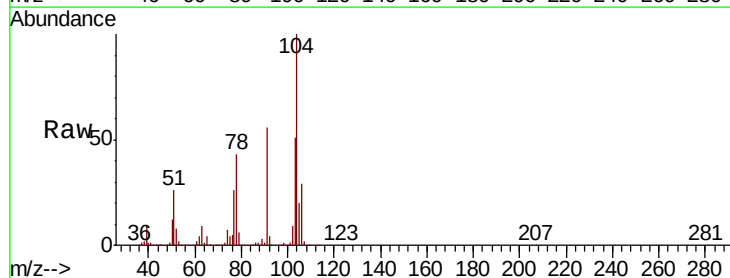
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

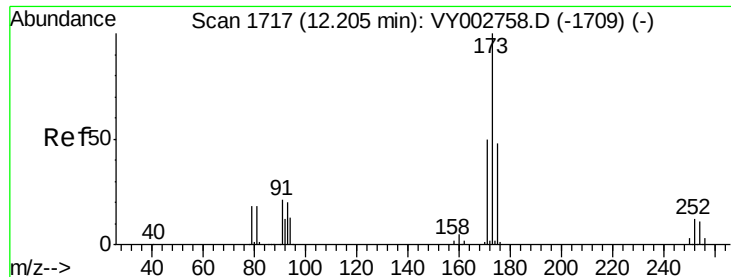
Tot Ion:106 Resp: 311347
Ion Ratio Lower Upper
106 100
91 205.9 102.4 307.1



#70
Styrene
Concen: 51.898 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion:104 Resp: 542848
Ion Ratio Lower Upper
104 100
78 45.6 36.2 54.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 52.681 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

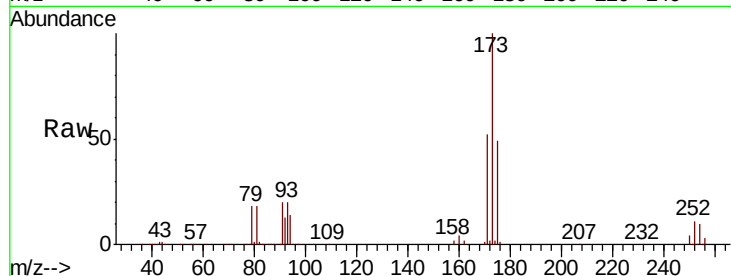
Tot Ion:173 Resp: 126242

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

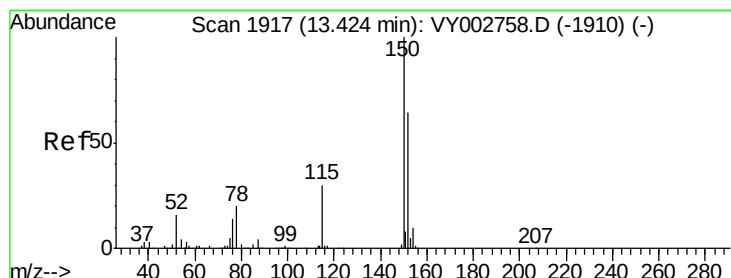
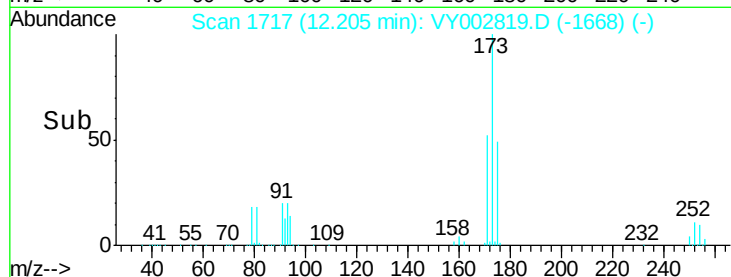
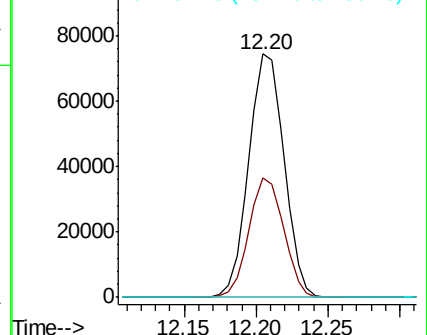
254 0.1 0.1 0.1#



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: VY002819.D

Acq: 02 Jun 2020 17:20

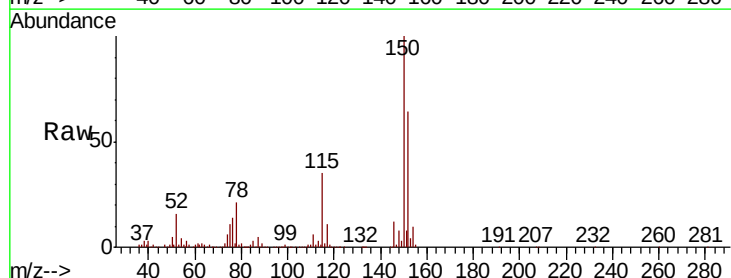
Tgt Ion:152 Resp: 248241

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

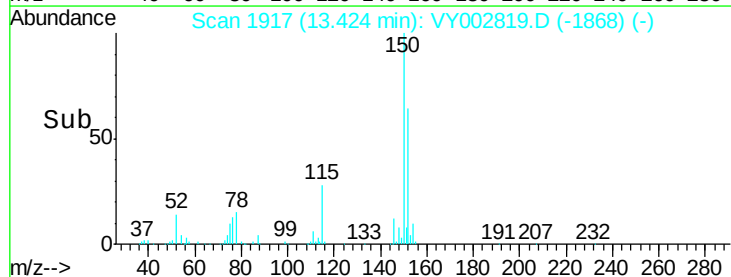
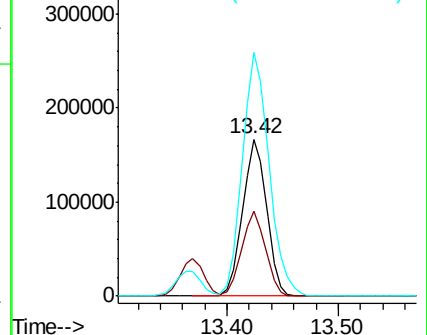
150 173.5 0.0 344.8

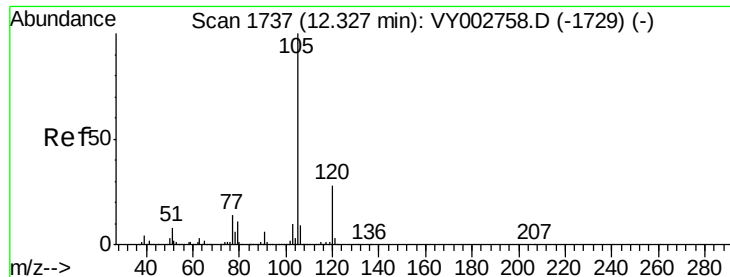


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.991 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

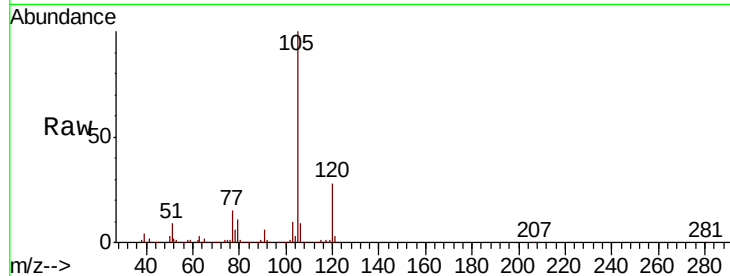
VSTDCCC050EC

Tot Ion:105 Resp: 842998

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

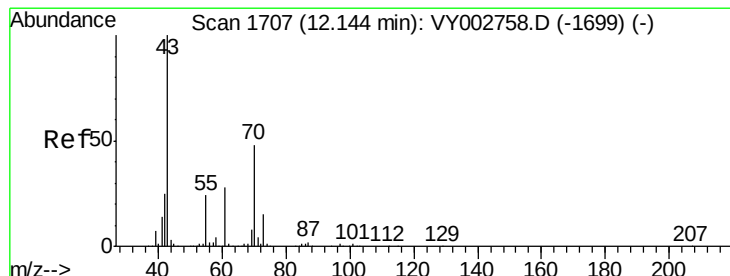
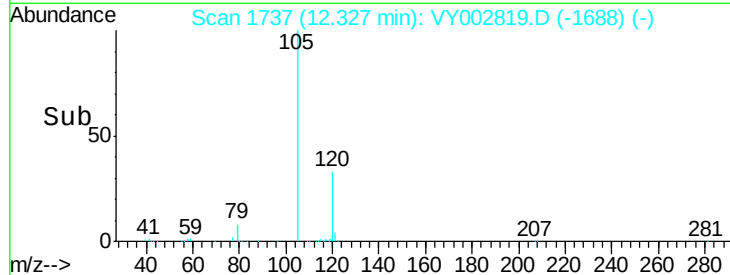
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 56.797 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Tgt Ion: 43 Resp: 231835

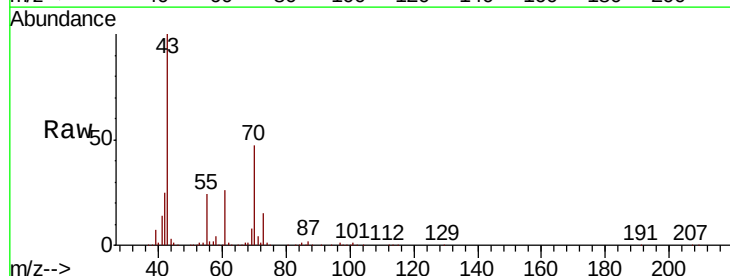
Ion Ratio Lower Upper

43 100

70 46.6 37.7 56.5

55 24.0 19.8 29.6

61 26.6 21.7 32.5



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

250000

200000

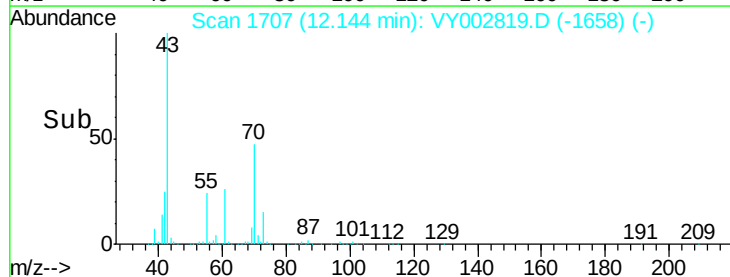
150000

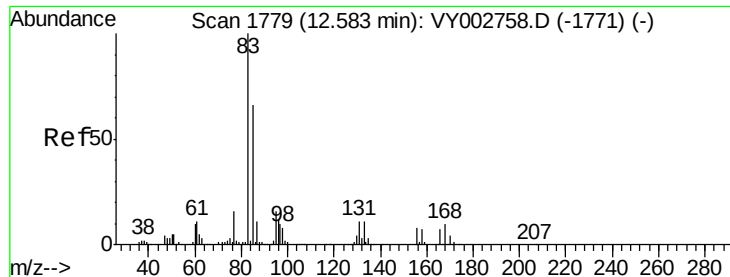
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.114 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

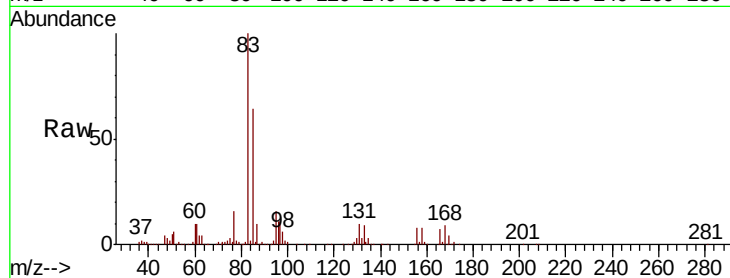
Tot Ion: 83 Resp: 162208

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

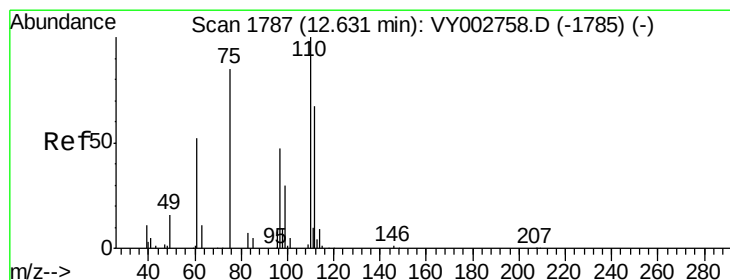
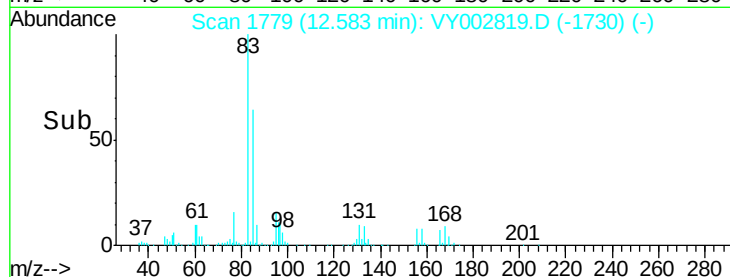
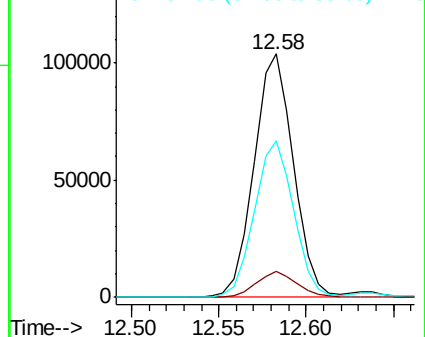
85 63.9 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002819.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002819.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002819.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 102.701 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002819.D

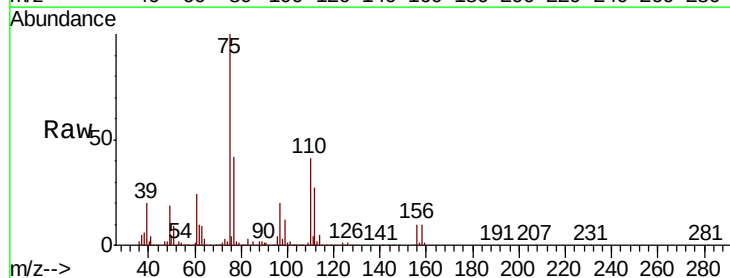
Acq: 02 Jun 2020 17:20

Tgt Ion: 75 Resp: 229723

Ion Ratio Lower Upper

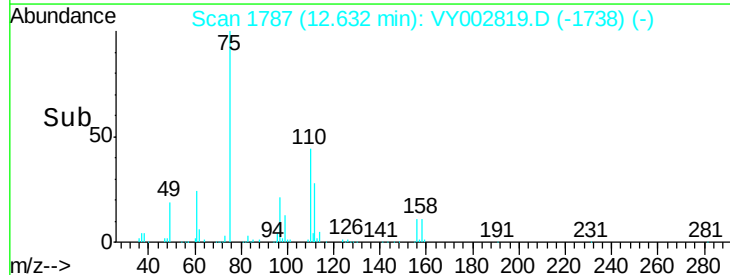
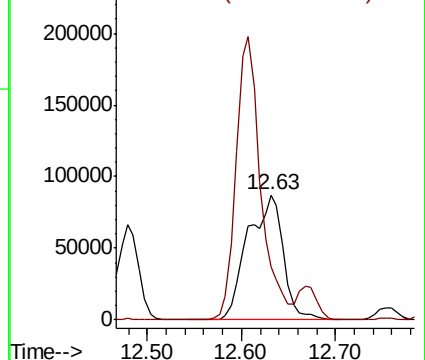
75 100

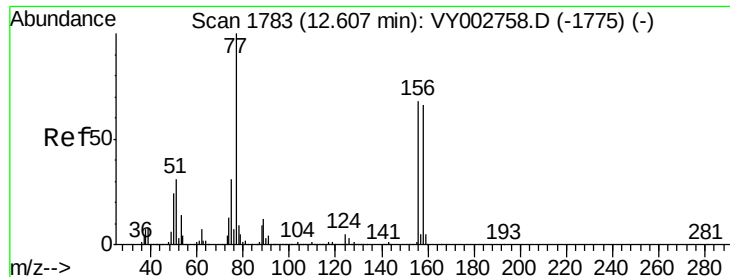
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002819.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002819.D (-1738) (-)





#77

Bromobenzene

Concen: 52.376 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

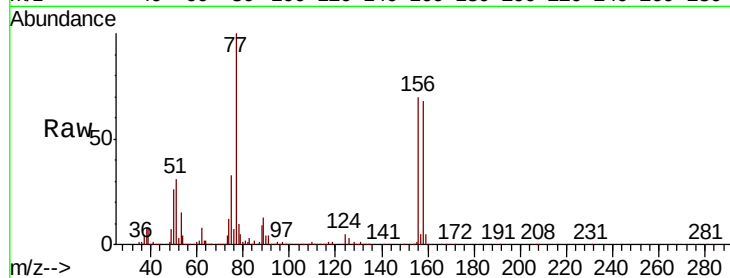
Tot Ion:156 Resp: 216956

Ion Ratio Lower Upper

156 100

77 165.4 81.4 244.2

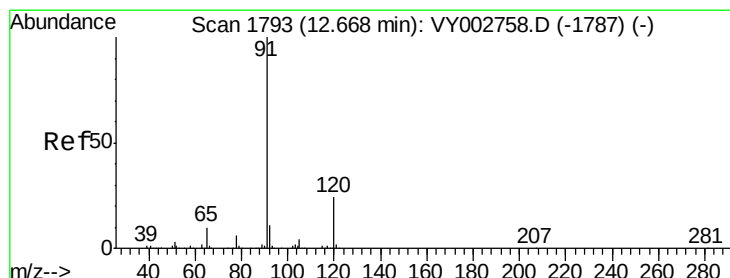
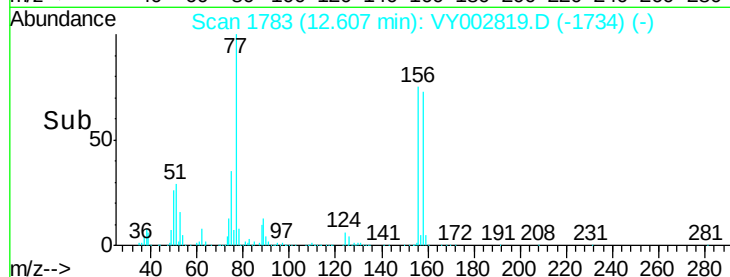
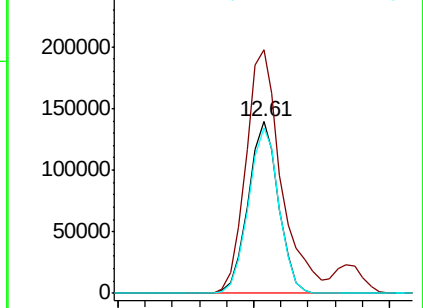
158 97.1 48.5 145.6



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: 53.698 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002819.D

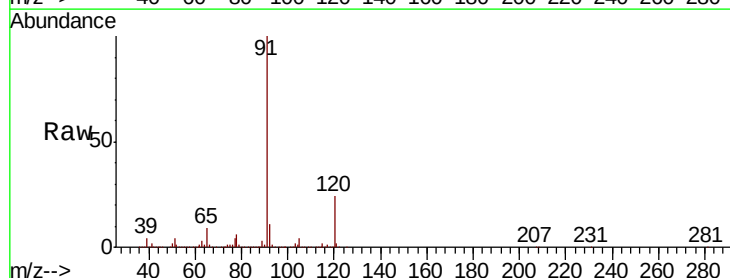
Acq: 02 Jun 2020 17:20

Tgt Ion: 91 Resp: 986757

Ion Ratio Lower Upper

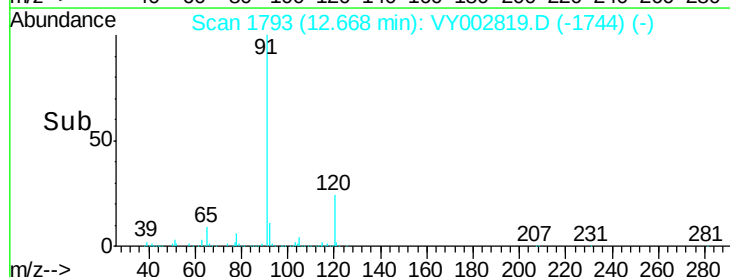
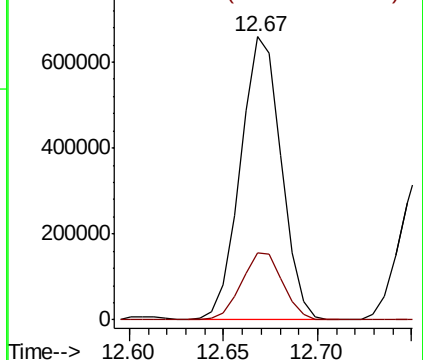
91 100

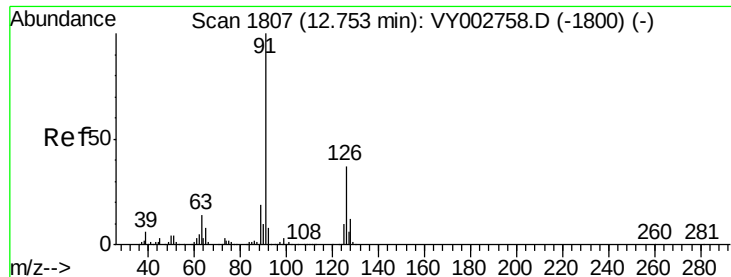
120 23.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

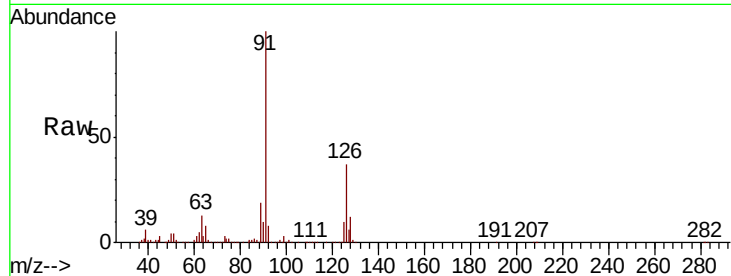




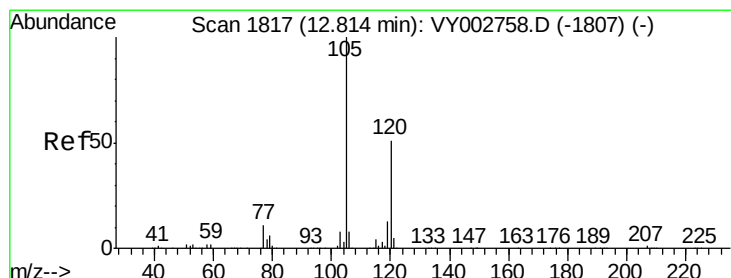
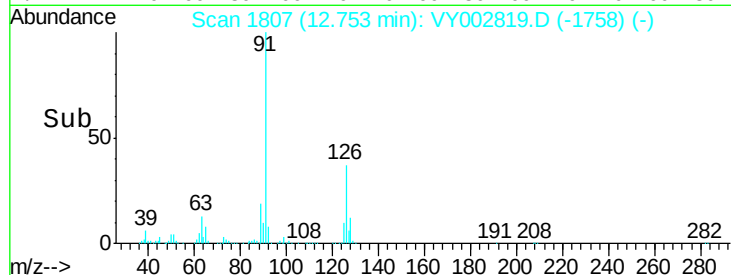
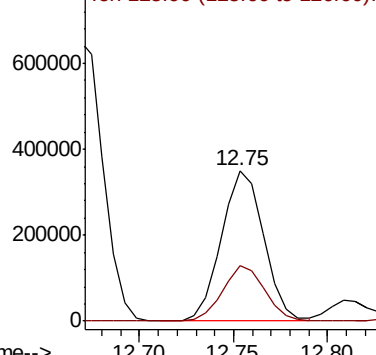
#79
 2-Chlorotoluene
 Concen: 53.114 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 547496
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.4

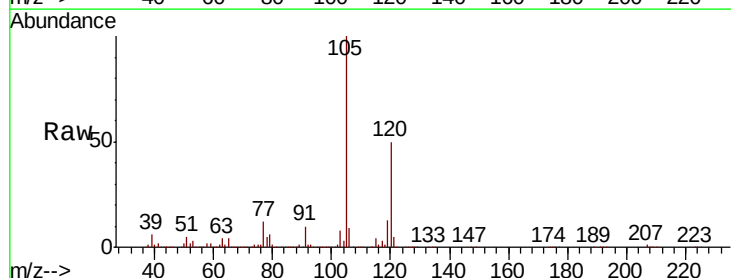


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

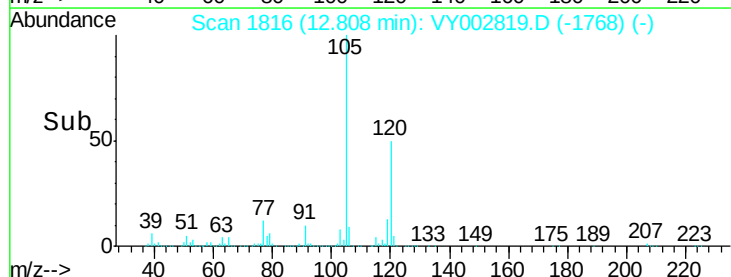
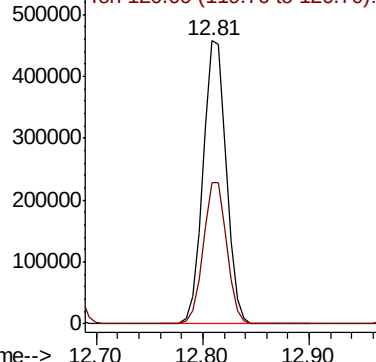


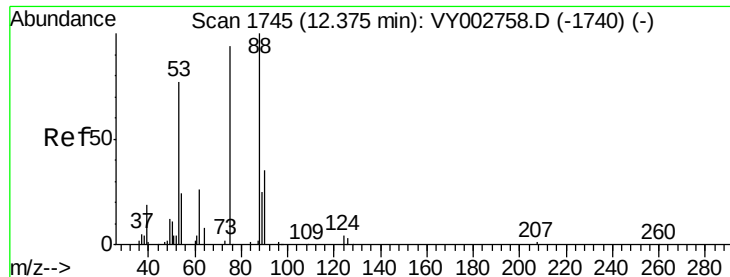
#80
 1,3,5-Trimethylbenzene
 Concen: 52.714 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion: 105 Resp: 700186
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.113 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

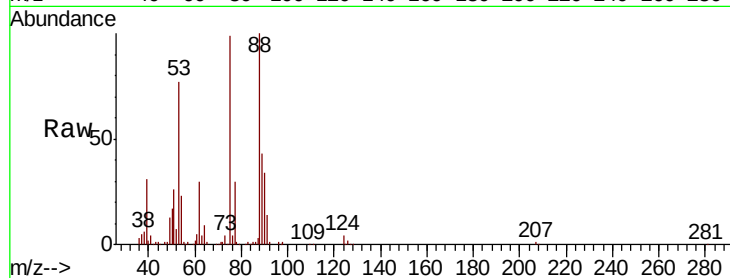
Tot Ion: 75 Resp: 65434

Ion Ratio Lower Upper

75 100

53 79.6 64.0 96.0

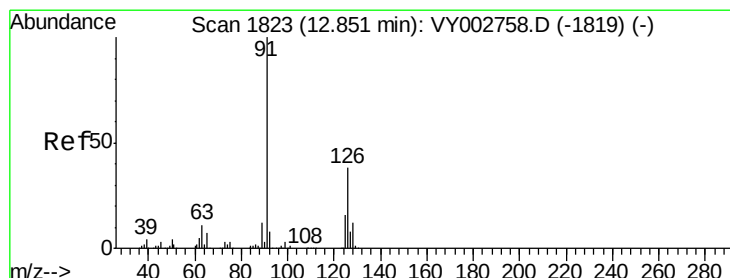
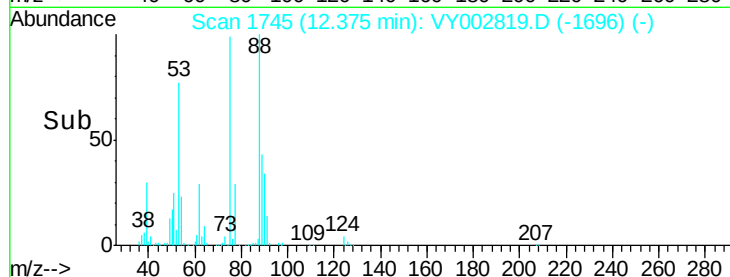
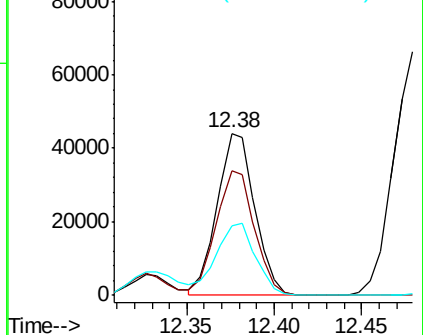
89 47.3 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 52.302 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002819.D

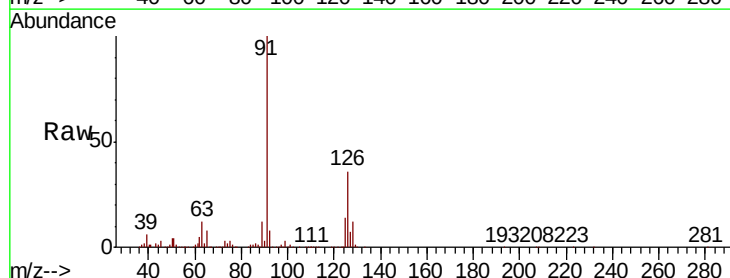
Acq: 02 Jun 2020 17:20

Tgt Ion: 91 Resp: 564856

Ion Ratio Lower Upper

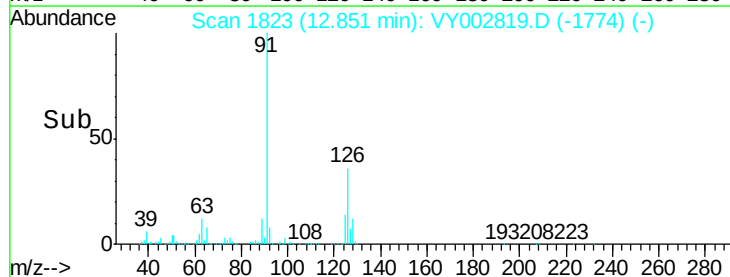
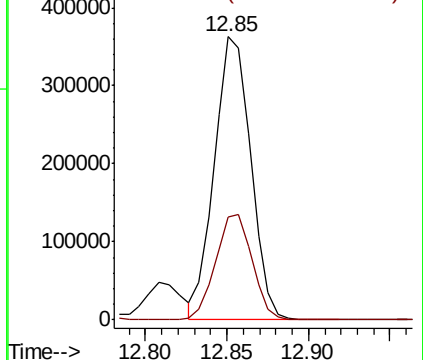
91 100

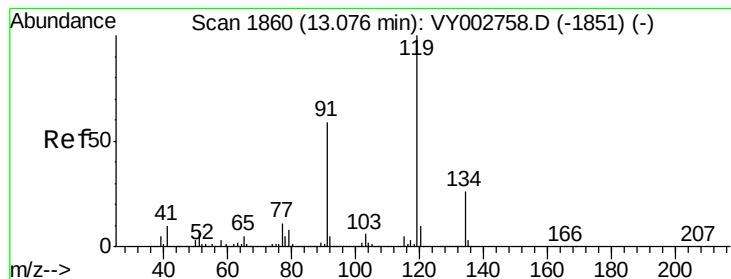
126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.962 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

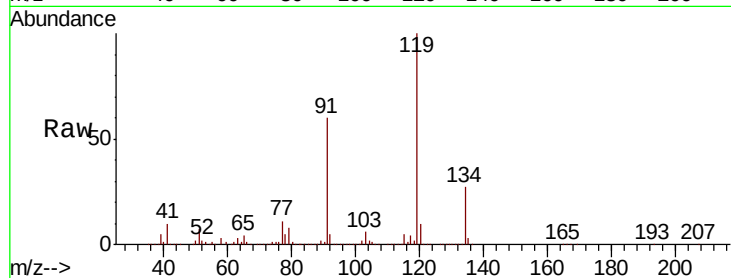
Tot Ion:119 Resp: 627510

Ion Ratio Lower Upper

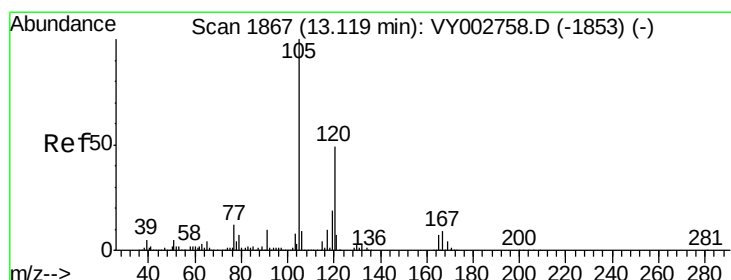
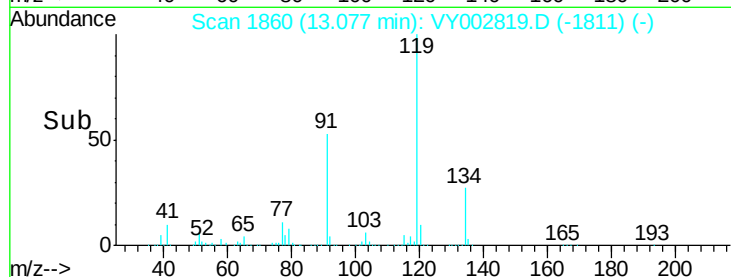
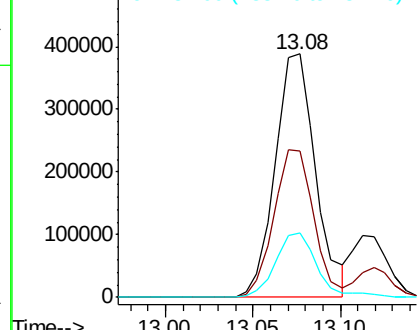
119 100

91 59.8 29.8 89.4

134 27.1 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.547 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002819.D

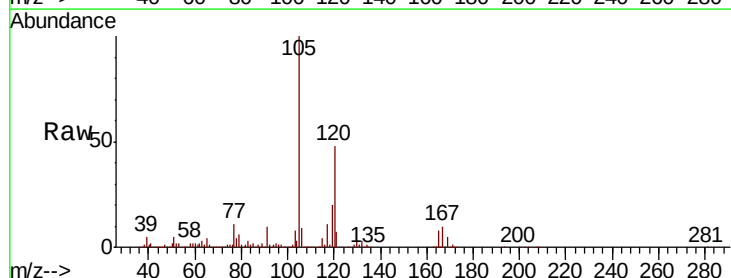
Acq: 02 Jun 2020 17:20

Tgt Ion:105 Resp: 701812

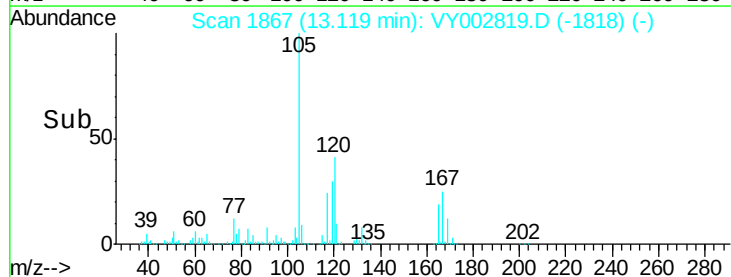
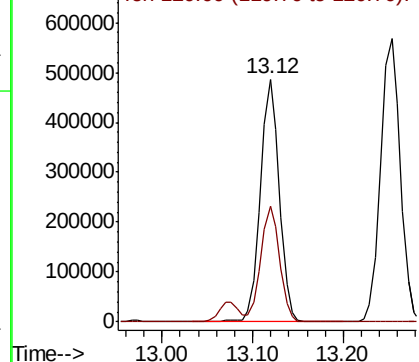
Ion Ratio Lower Upper

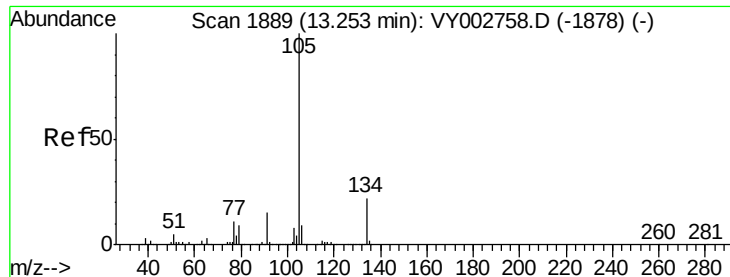
105 100

120 47.3 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.683 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

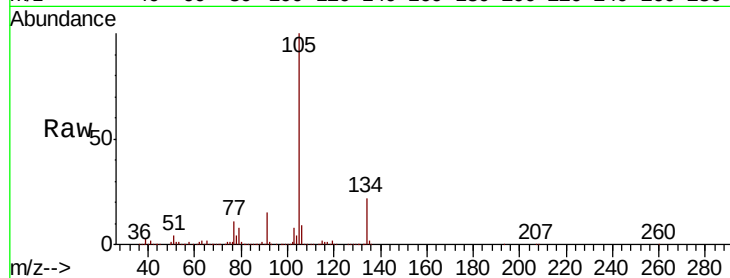
VSTDCCC050EC

Tot Ion:105 Resp: 853476

Ion Ratio Lower Upper

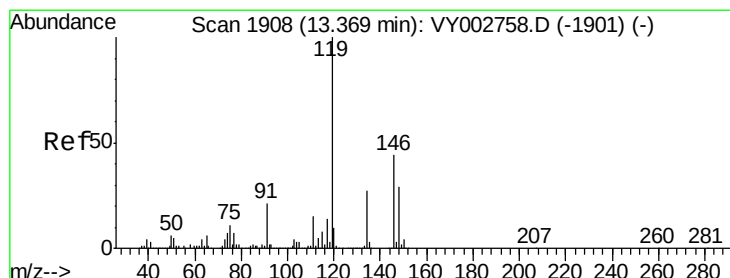
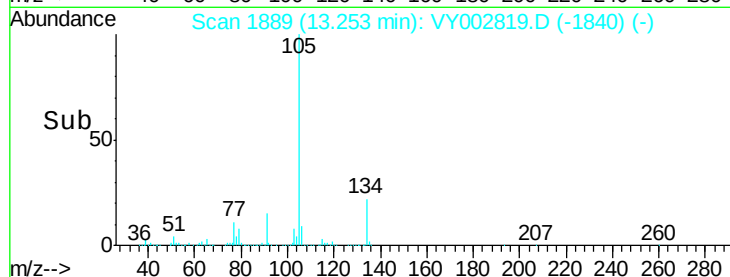
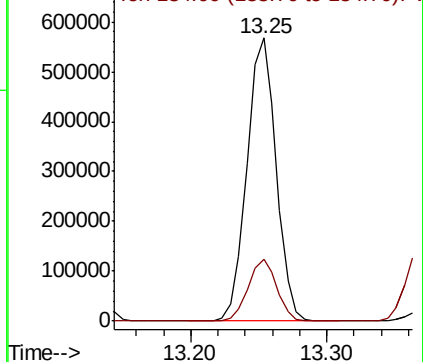
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.588 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

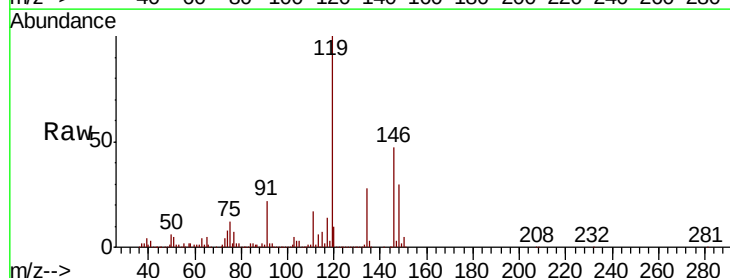
Tgt Ion:119 Resp: 792733

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

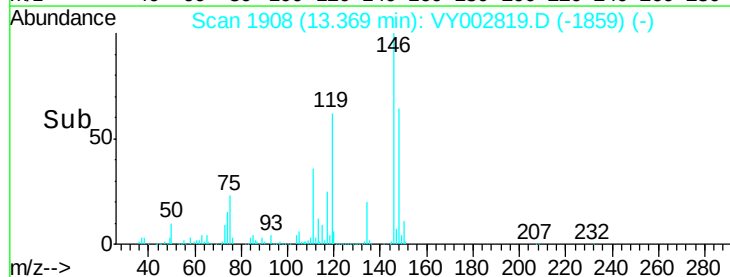
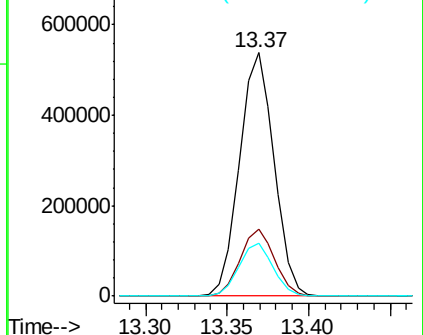
91 21.5 10.8 32.4

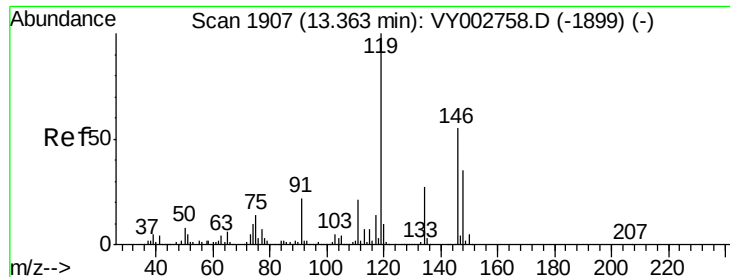


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.821 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

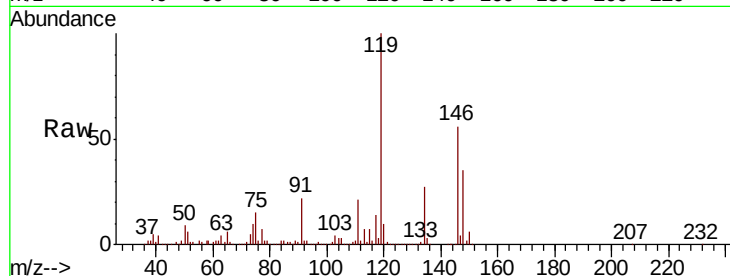
Tot Ion:146 Resp: 406607

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.0

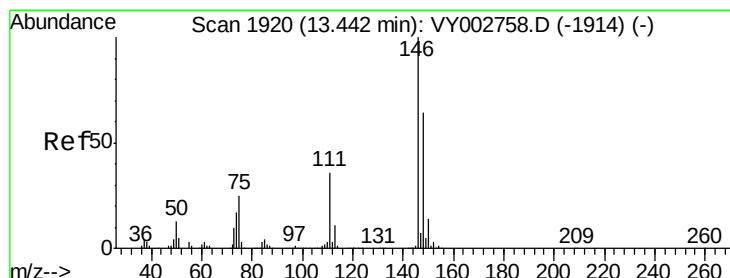
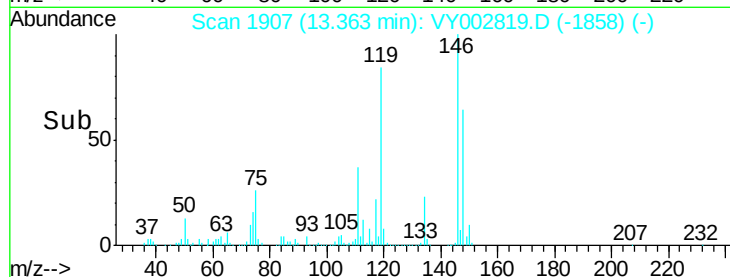
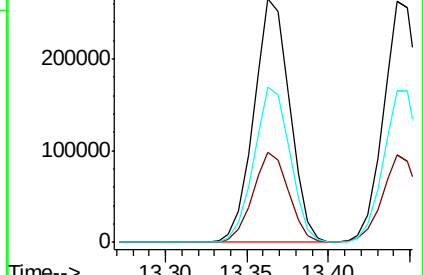
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.786 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002819.D

Acq: 02 Jun 2020 17:20

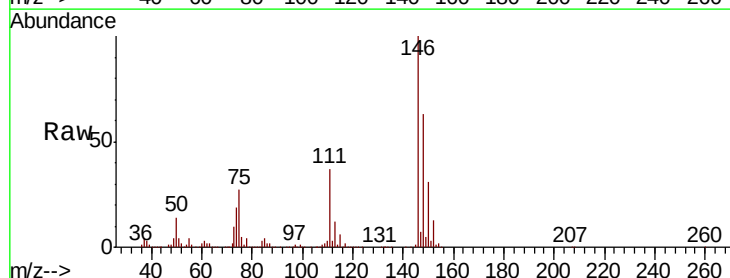
Tgt Ion:146 Resp: 406471

Ion Ratio Lower Upper

146 100

111 36.0 18.1 54.3

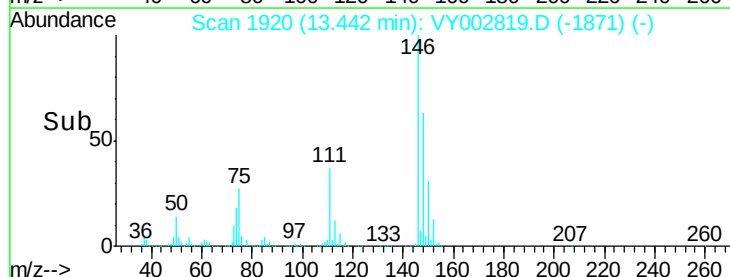
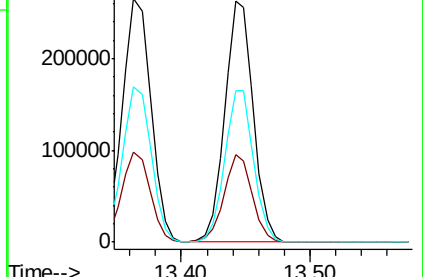
148 63.7 32.1 96.3

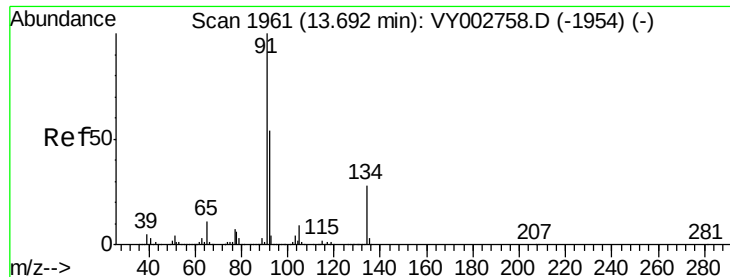


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

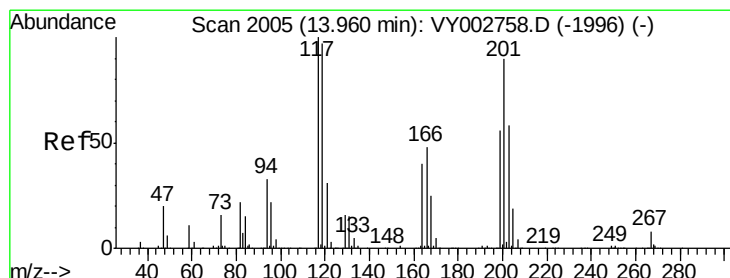
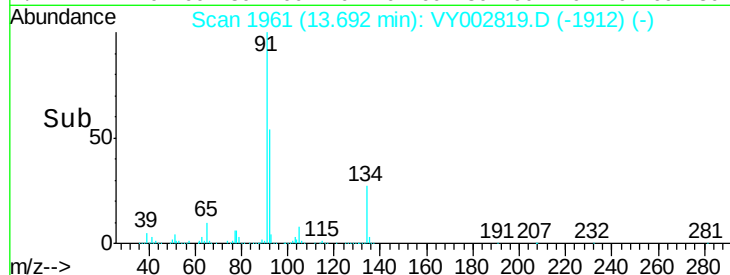
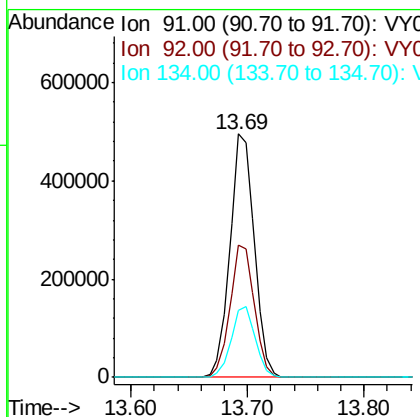
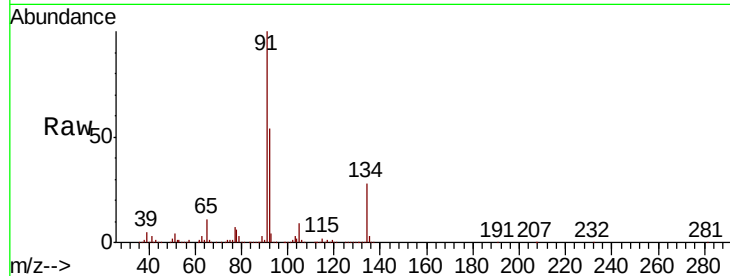




#89
n-Butylbenzene
Concen: 52.583 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

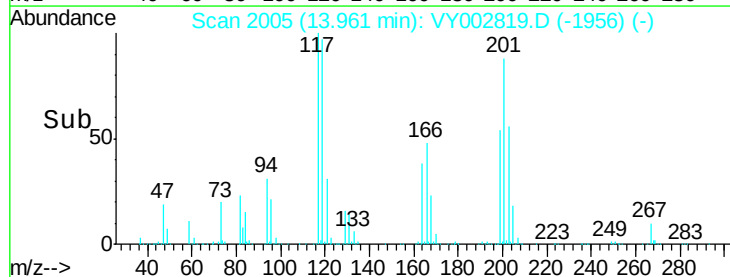
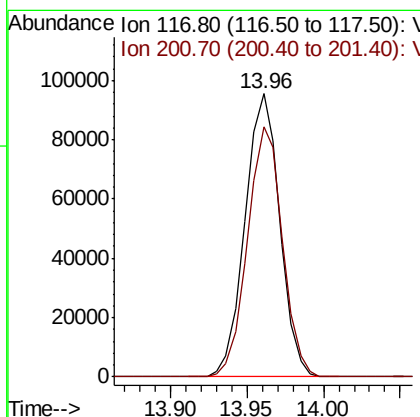
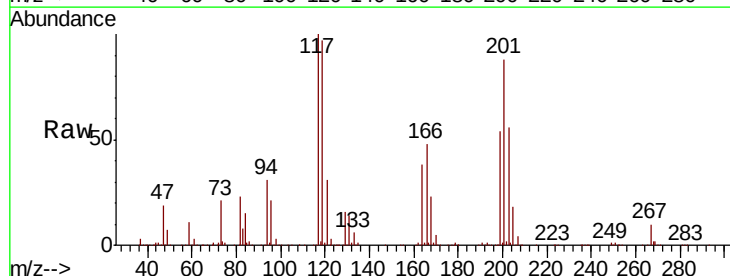
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

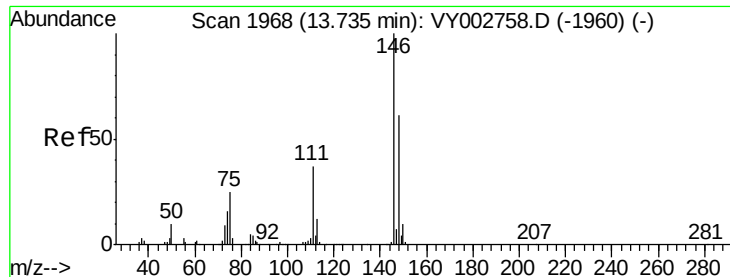
Tot Ion: 91 Resp: 719646
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 53.230 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion: 117 Resp: 150219
Ion Ratio Lower Upper
117 100
201 88.7 43.9 131.6

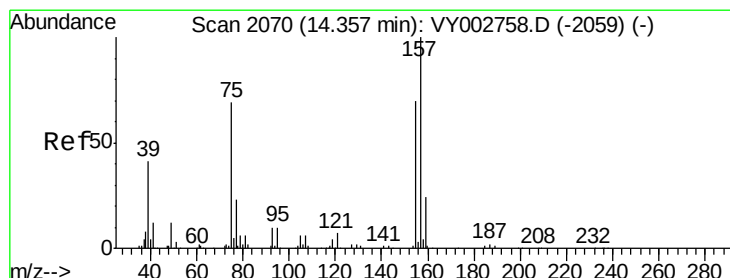
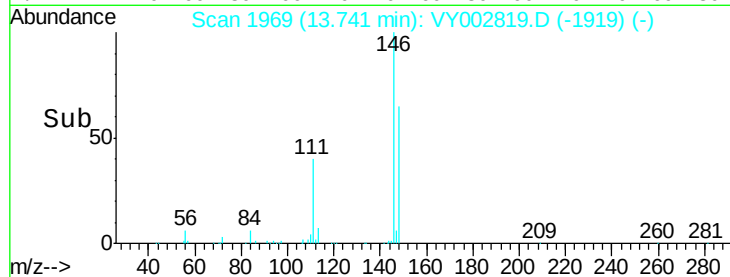
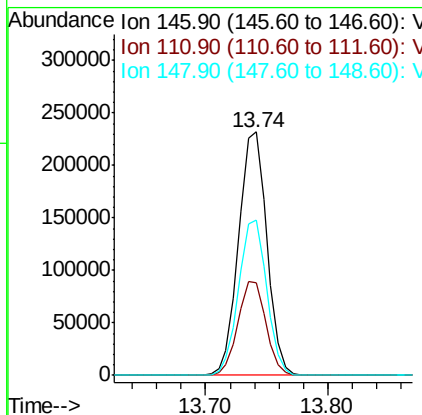
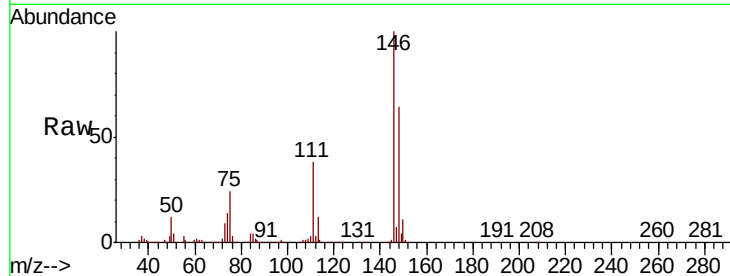




#91
 1,2-Dichlorobenzene
 Concen: 52.193 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

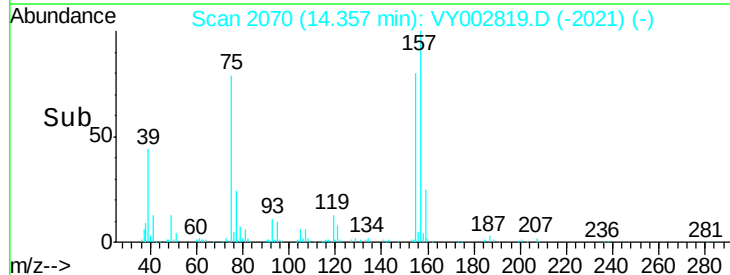
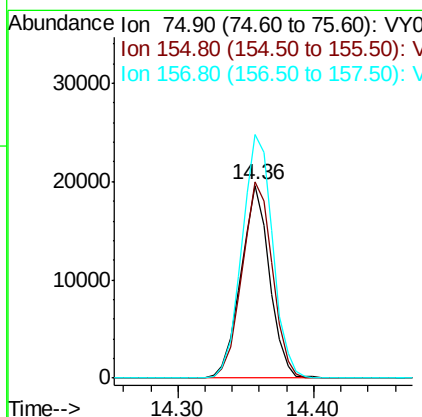
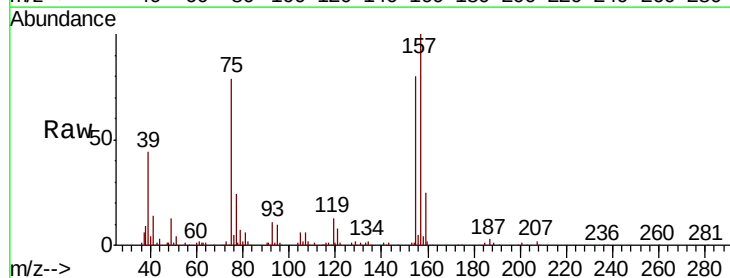
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

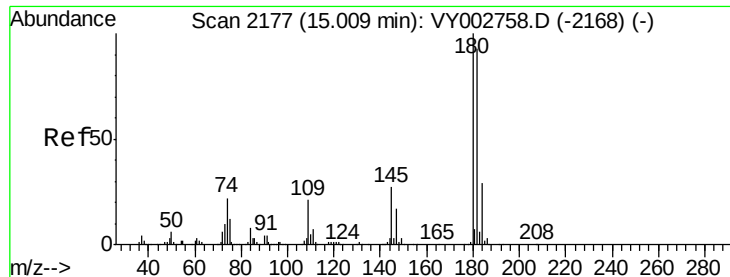
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.739 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.2	53.5	160.5
157	135.7	69.9	209.7

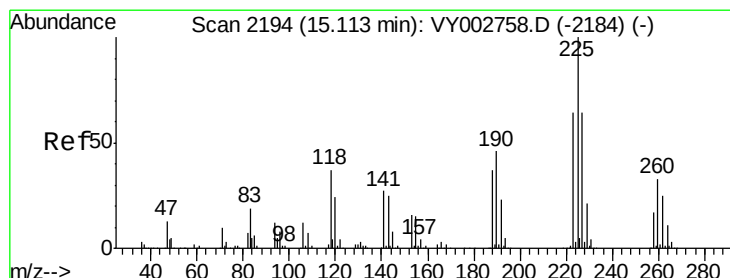
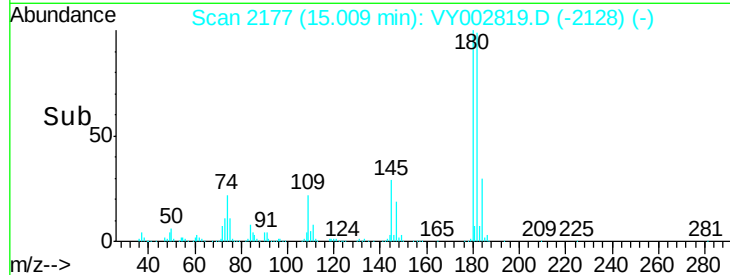
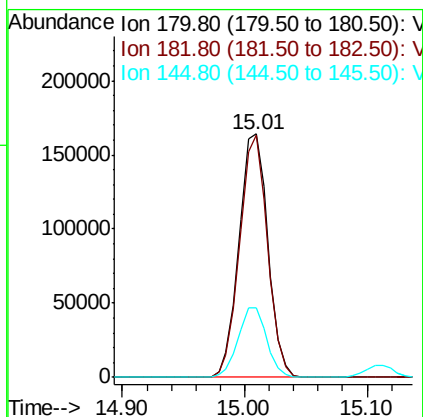
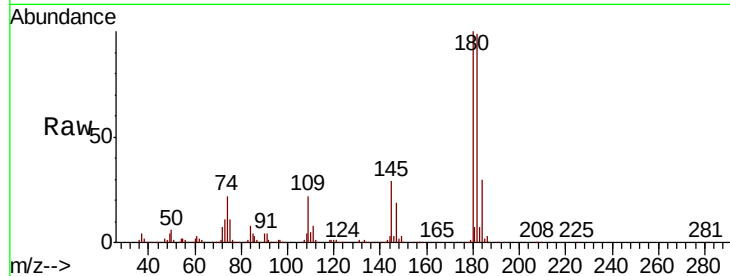




#93
 1,2,4-Trichlorobenzene
 Concen: 49.982 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

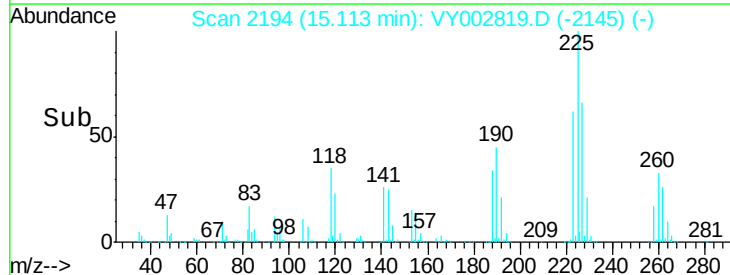
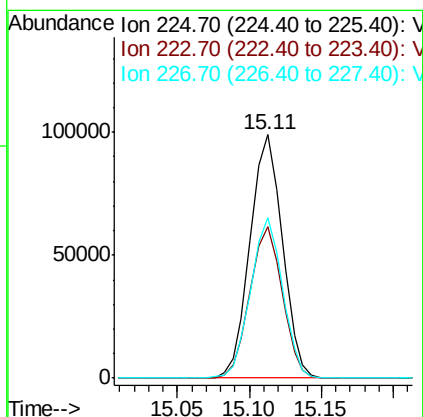
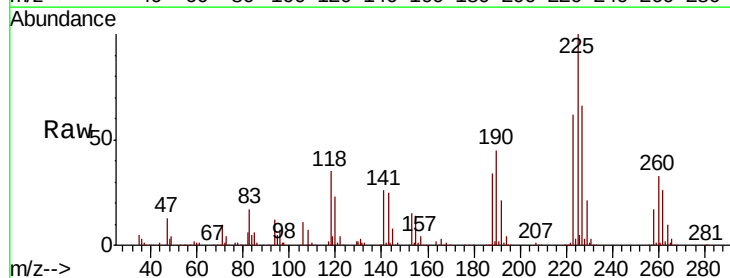
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

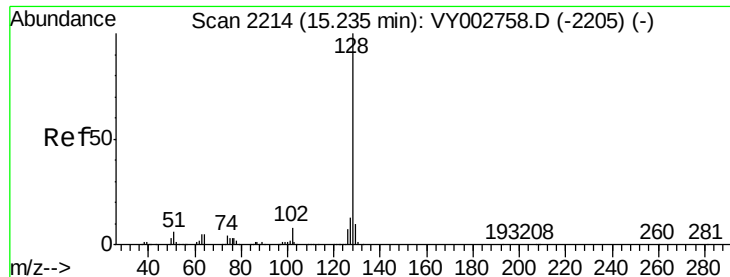
Tot Ion:180 Resp: 268083
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 50.577 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002819.D
 Acq: 02 Jun 2020 17:20

Tgt Ion:225 Resp: 153861
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.9 32.3 96.9

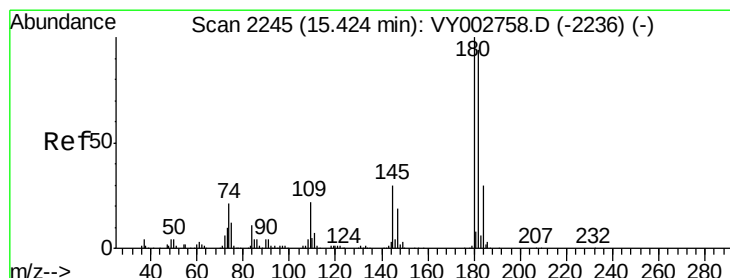
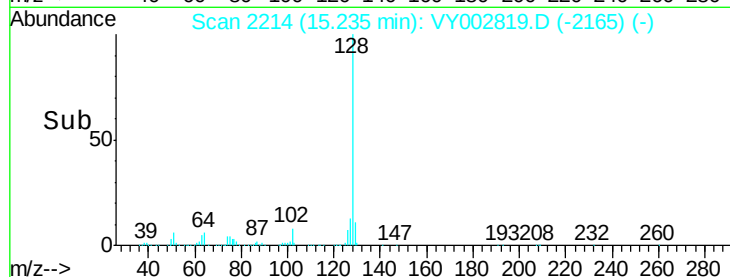
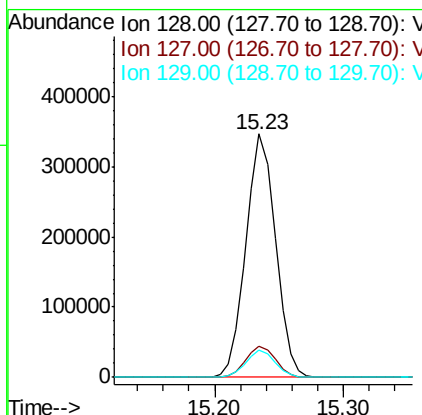
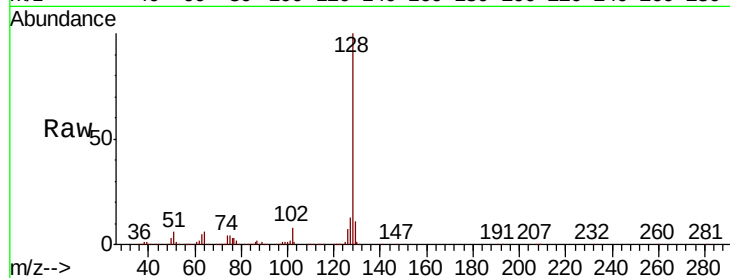




#95
Naphthalene
Concen: 51.306 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 551746
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.722 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002819.D
Acq: 02 Jun 2020 17:20

Tgt Ion:180 Resp: 238151
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.4
145 30.3 15.1 45.3

