

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003115.D
 Acq On : 06 Jul 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 07:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	431106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	626012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	308810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	209400	48.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.82%	
35) Dibromofluoromethane	7.72	113	203931	52.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.44%	
50) Toluene-d8	10.18	98	734343	50.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	262488	51.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	141442	43.322	ug/l	97
3) Chloromethane	2.12	50	205838	43.053	ug/l	99
4) Vinyl Chloride	2.26	62	211914	45.440	ug/l	98
5) Bromomethane	2.65	94	147167	46.477	ug/l	97
6) Chloroethane	2.80	64	146905	49.517	ug/l	98
7) Trichlorofluoromethane	3.13	101	313938	47.694	ug/l	98
8) Diethyl Ether	3.54	74	112238	49.739	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	191414	48.703	ug/l	99
10) Methyl Iodide	4.10	142	250173	51.333	ug/l	99
11) Tert butyl alcohol	4.98	59	102542	234.994	ug/l	100
12) 1,1-Dichloroethene	3.88	96	184217	49.262	ug/l	91
13) Acrolein	3.74	56	71504	182.448	ug/l	99
14) Allyl chloride	4.49	41	269566	41.287	ug/l	95
15) Acrylonitrile	5.18	53	280757	241.412	ug/l	100
16) Acetone	3.96	43	212860	210.786	ug/l	100
17) Carbon Disulfide	4.20	76	528947	44.271	ug/l	99
18) Methyl Acetate	4.49	43	124683	45.828	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	551788	50.621	ug/l	99
20) Methylene Chloride	4.72	84	219404	48.476	ug/l	88
21) trans-1,2-Dichloroethene	5.22	96	208424	49.274	ug/l	89
22) Diisopropyl ether	6.13	45	631256	45.110	ug/l	98
23) Vinyl Acetate	6.07	43	2177157	232.706	ug/l	97
24) 1,1-Dichloroethane	6.03	63	356946	46.695	ug/l	98
25) 2-Butanone	7.00	43	362133	225.749	ug/l	98
26) 2,2-Dichloropropane	6.99	77	319293	45.973	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	236715	49.894	ug/l	93
28) Bromochloromethane	7.34	49	164046	48.231	ug/l	# 83
29) Tetrahydrofuran	7.35	42	251947	236.180	ug/l	90
30) Chloroform	7.52	83	375728	49.614	ug/l	97
31) Cyclohexane	7.79	56	312906	41.551	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	331443	47.948	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284020	47.101	ug/l	98
37) Ethyl Acetate	7.08	43	174987	48.265	ug/l	96
38) Carbon Tetrachloride	7.91	117	302785	48.262	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003115.D
 Acq On : 06 Jul 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 07:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	352889	47.201	ug/l	97
40) Benzene	8.16	78	805608	48.800	ug/l	98
41) Methacrylonitrile	7.35	41	236741	122.239	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	256739	49.160	ug/l	100
43) Isopropyl Acetate	8.28	43	330288	47.921	ug/l	95
44) Trichloroethene	8.94	130	252527	52.629	ug/l	99
45) 1,2-Dichloropropane	9.22	63	208375	46.917	ug/l	96
46) Dibromomethane	9.31	93	129319	52.133	ug/l	97
47) Bromodichloromethane	9.50	83	303212	49.919	ug/l	98
48) Methyl methacrylate	9.30	41	149978	47.806	ug/l	92
49) 1,4-Dioxane	9.30	88	33459	1104.965	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	883987	248.146	ug/l	96
52) Toluene	10.24	92	516287	49.680	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	321126	50.426	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	358515	49.226	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	185339	53.768	ug/l	96
56) Ethyl methacrylate	10.51	69	262543	52.617	ug/l	95
57) 1,3-Dichloropropane	10.79	76	311640	51.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	674915	263.732	ug/l	95
59) 2-Hexanone	10.83	43	618534	248.410	ug/l	97
60) Dibromochloromethane	10.99	129	236304	53.568	ug/l	99
61) 1,2-Dibromoethane	11.09	107	184289	54.230	ug/l	99
64) Tetrachloroethene	10.72	164	277812	56.592	ug/l	99
65) Chlorobenzene	11.52	112	581318	50.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	228095	51.082	ug/l	99
67) Ethyl Benzene	11.59	91	1035611	49.495	ug/l	99
68) m/p-Xylenes	11.70	106	779052	100.042	ug/l	99
69) o-Xylene	12.03	106	371701	50.653	ug/l	96
70) Styrene	12.04	104	648045	51.693	ug/l	99
71) Bromoform	12.20	173	165233	55.495	ug/l	97
73) Isopropylbenzene	12.33	105	1013195	50.133	ug/l	99
74) N-amyl acetate	12.14	43	316174	48.055	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	204617	50.169	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	296461	97.001	ug/l #	100
77) Bromobenzene	12.61	156	267418	51.606	ug/l	96
78) n-propylbenzene	12.67	91	1188531	48.899	ug/l	99
79) 2-Chlorotoluene	12.75	91	670430	49.417	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	845024	49.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	81641	51.972	ug/l #	80
82) 4-Chlorotoluene	12.85	91	696571	49.314	ug/l	98
83) tert-Butylbenzene	13.07	119	743229	49.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	853545	49.947	ug/l	98
85) sec-Butylbenzene	13.25	105	1022047	49.793	ug/l	100
86) p-Isopropyltoluene	13.37	119	950857	49.994	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	493447	51.005	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	489719	51.335	ug/l	99
89) n-Butylbenzene	13.69	91	889221	48.865	ug/l	99
90) Hexachloroethane	13.96	117	172238	45.605	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	448971	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	37226	51.560	ug/l	88

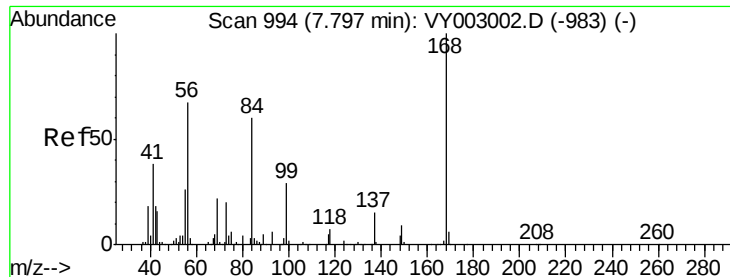
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003115.D
Acq On : 06 Jul 2020 16:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 07 07:04:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	328755	50.971	ug/l	99
94) Hexachlorobutadiene	15.11	225	198688	48.838	ug/l	99
95) Naphthalene	15.23	128	640069	54.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	283918	50.694	ug/l	100

(#) = 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: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

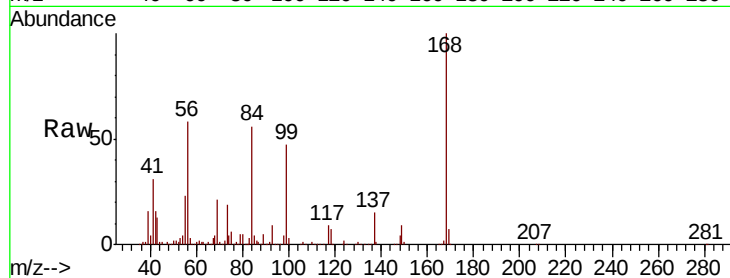
VSTDCCC050EC

Tot Ion:168 Resp: 431106

Ion Ratio Lower Upper

168 100

99 46.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003115.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003115.D (-945) (-)

7.80

200000

150000

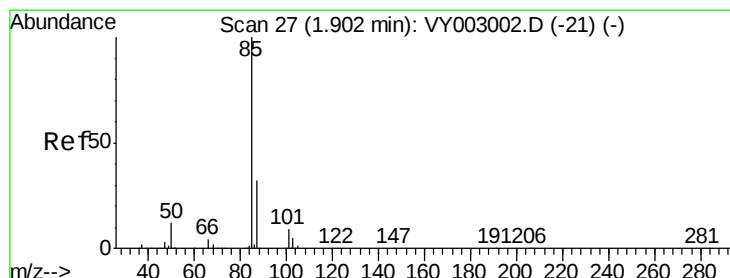
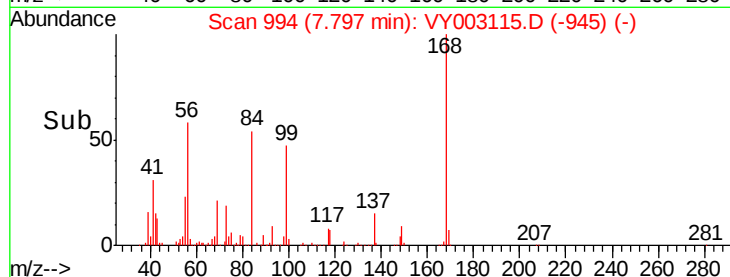
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.322 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003115.D

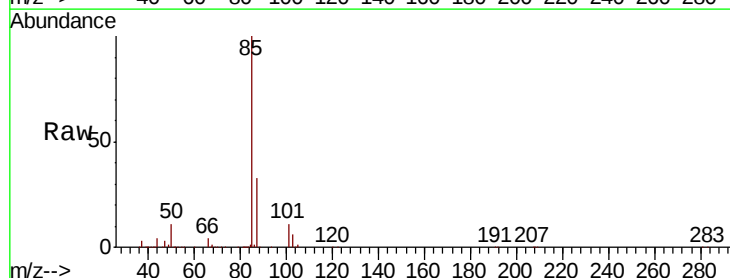
Acq: 06 Jul 2020 16:54

Tgt Ion: 85 Resp: 141442

Ion Ratio Lower Upper

85 100

87 33.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003115.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003115.D (-1) (-)

1.91

100000

80000

60000

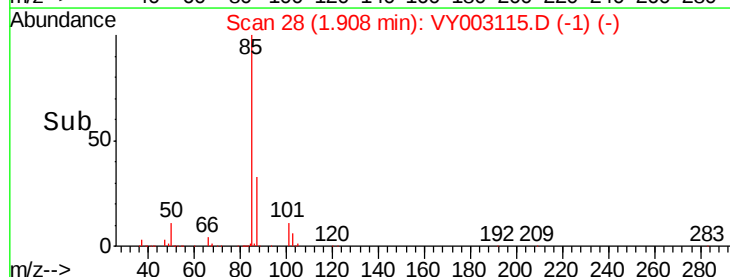
40000

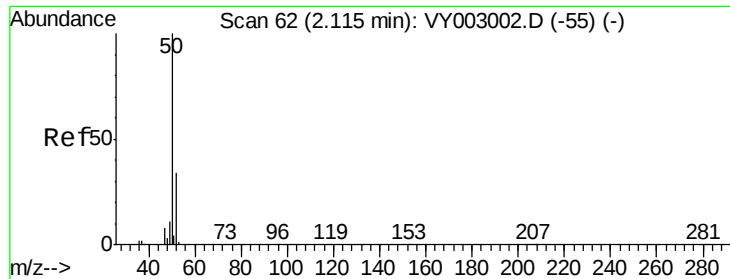
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.053 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

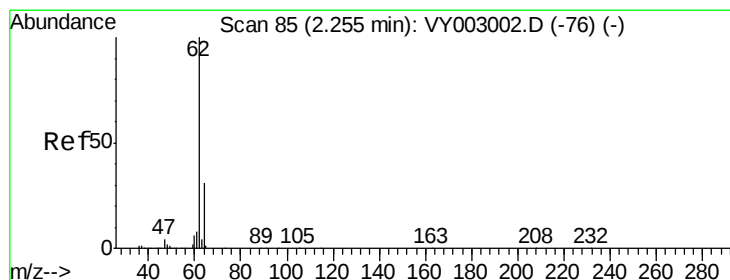
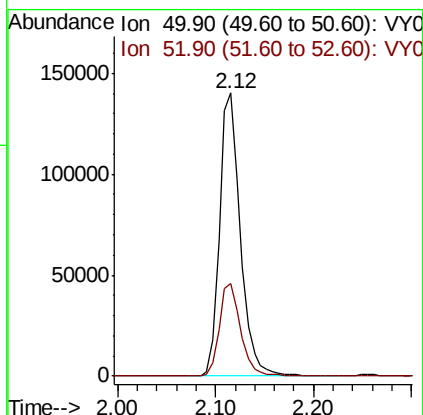
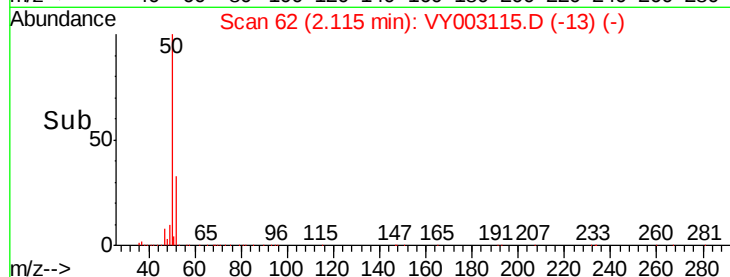
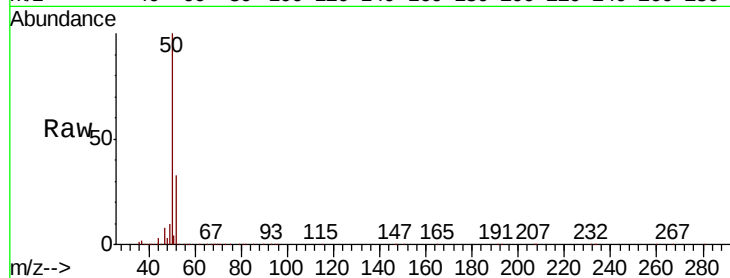
VSTDCCC050EC

Tot Ion: 50 Resp: 205838

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



#4

Vinyl Chloride

Concen: 45.440 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003115.D

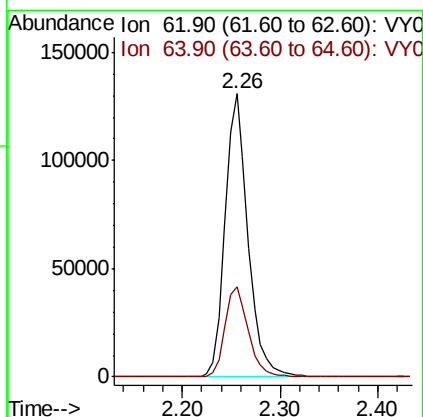
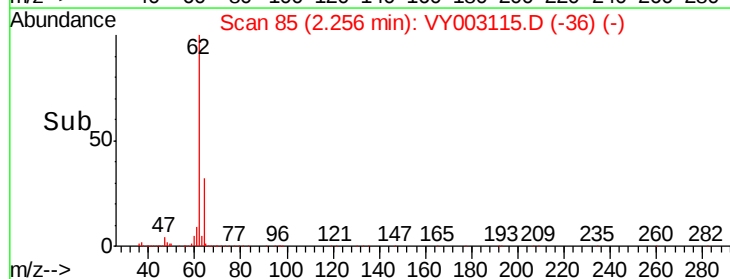
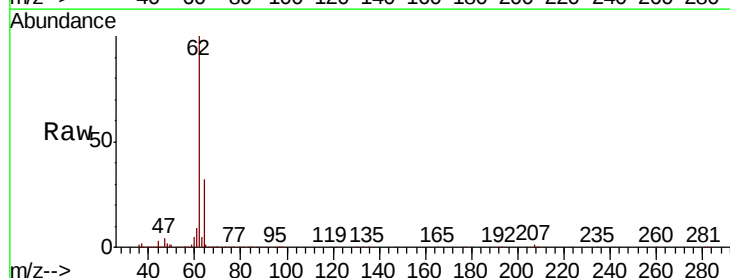
Acq: 06 Jul 2020 16:54

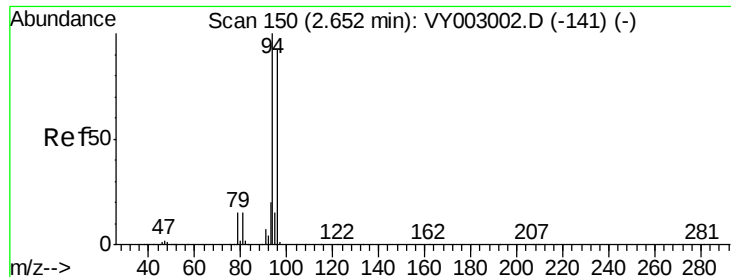
Tgt Ion: 62 Resp: 211914

Ion Ratio Lower Upper

62 100

64 31.7 24.4 36.6





#5

Bromomethane

Concen: 46.477 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

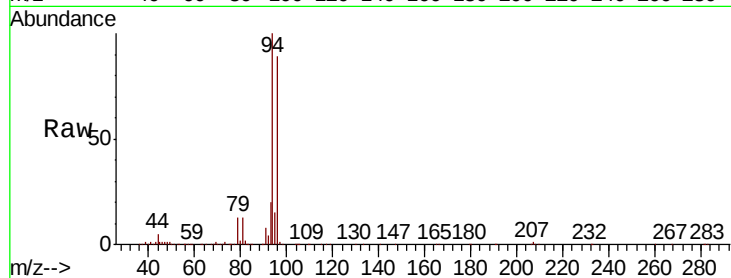
VSTDCCC050EC

Tot Ion: 94 Resp: 147167

Ion Ratio Lower Upper

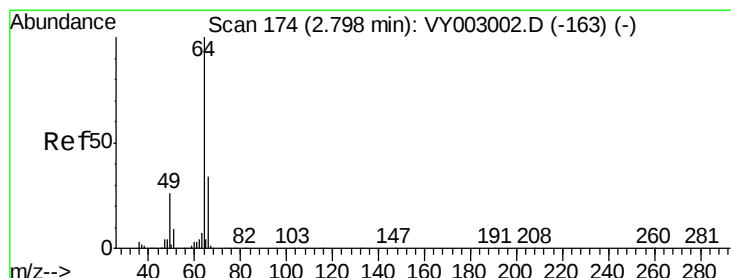
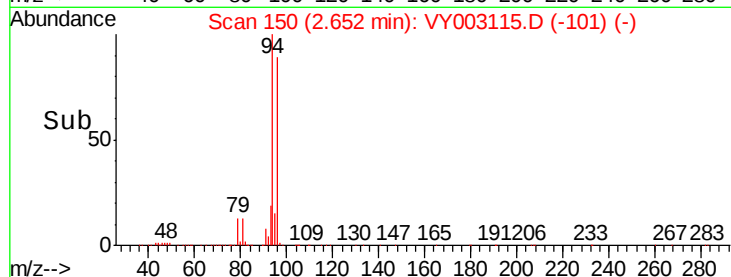
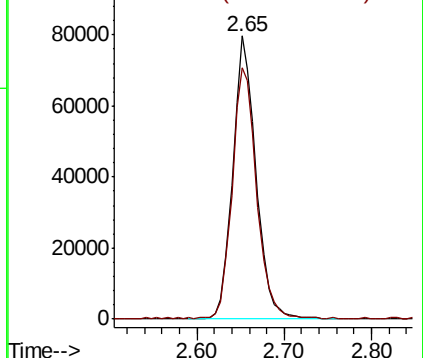
94 100

96 88.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.517 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003115.D

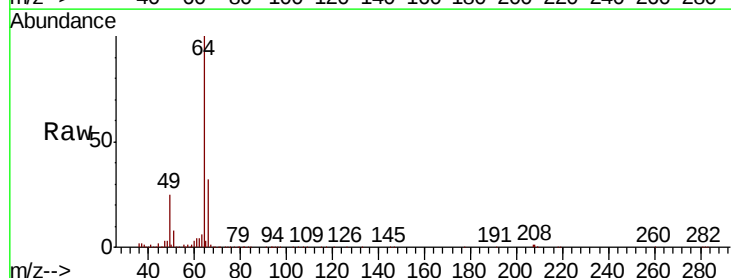
Acq: 06 Jul 2020 16:54

Tgt Ion: 64 Resp: 146905

Ion Ratio Lower Upper

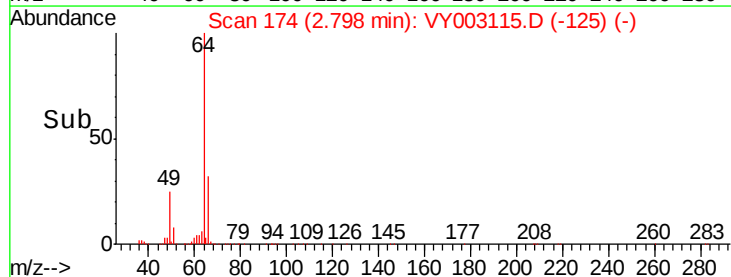
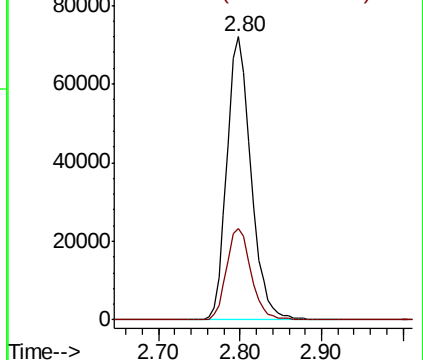
64 100

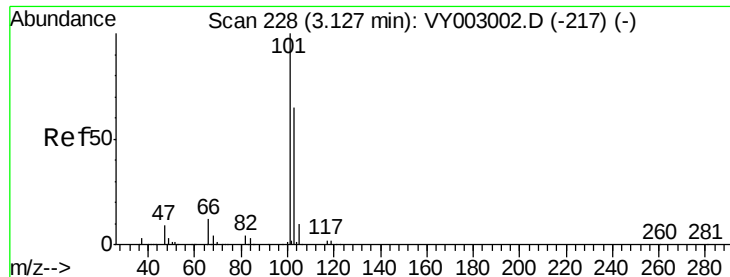
66 32.3 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



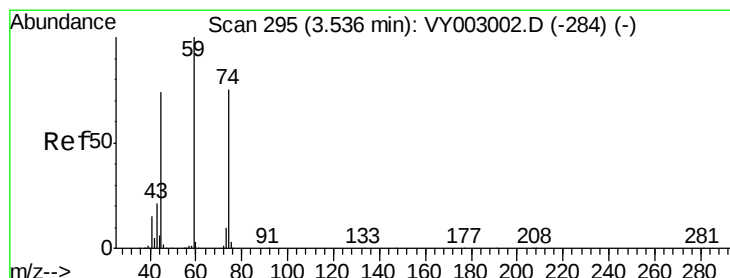
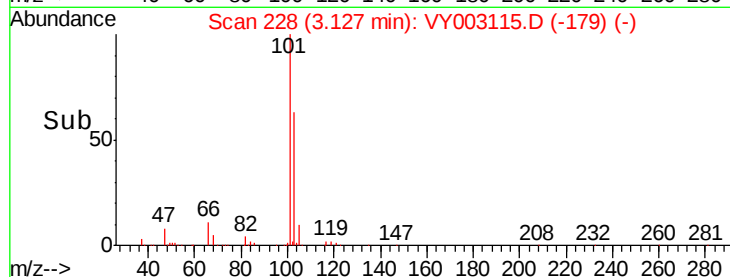
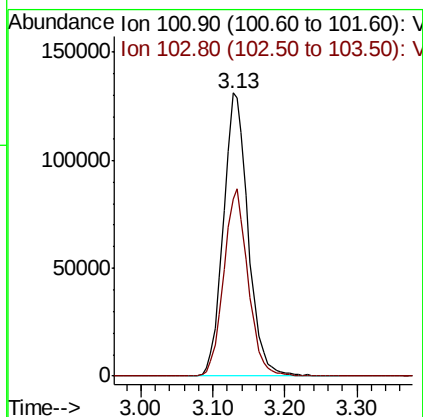
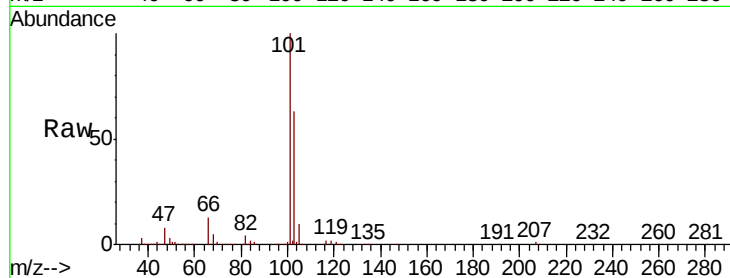


#7

Trichlorofluoromethane
 Concen: 47.694 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

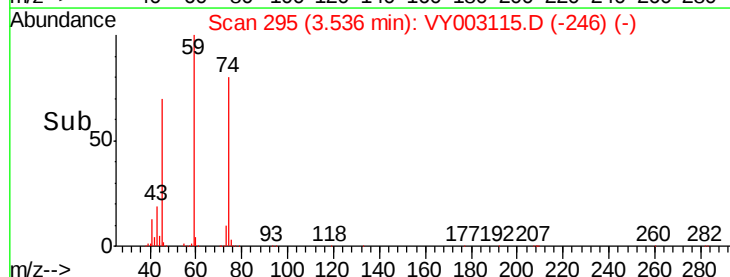
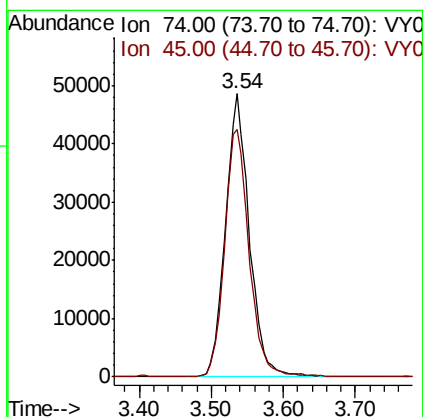
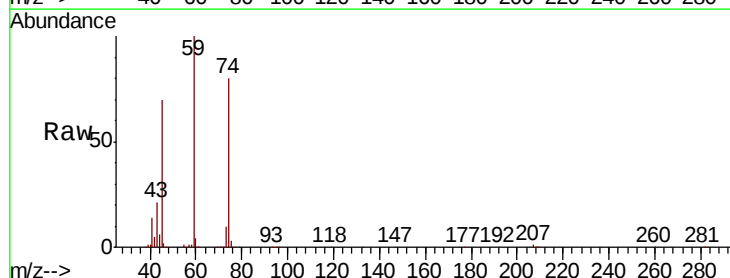
Tot Ion:101 Resp: 313938
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.6 77.4

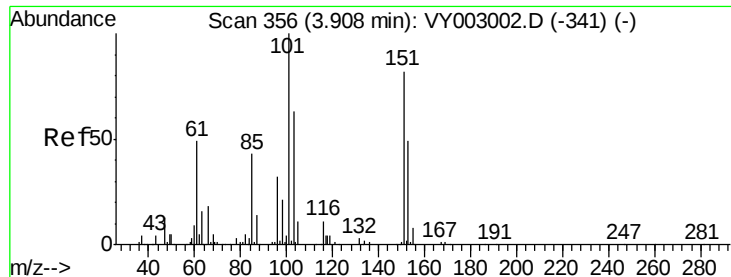


#8

Diethyl Ether
 Concen: 49.739 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 74 Resp: 112238
 Ion Ratio Lower Upper
 74 100
 45 88.4 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.703 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

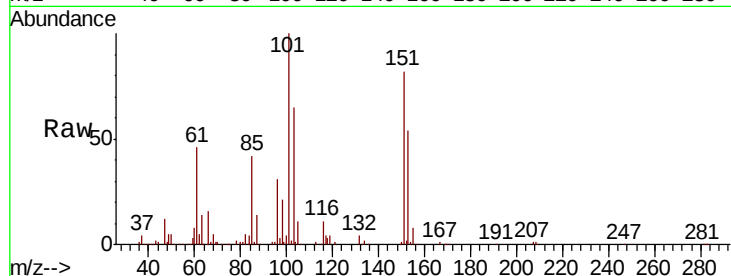
Tot Ion:101 Resp: 191414

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

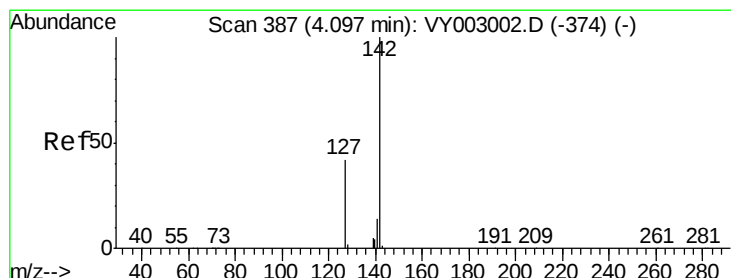
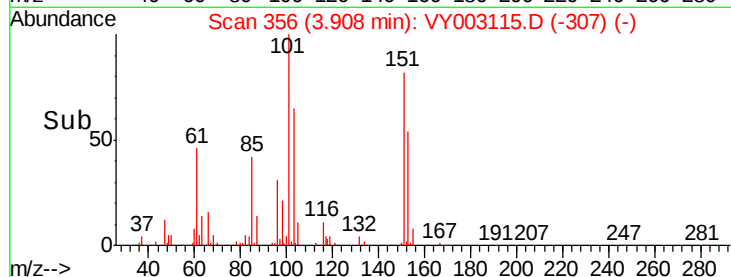
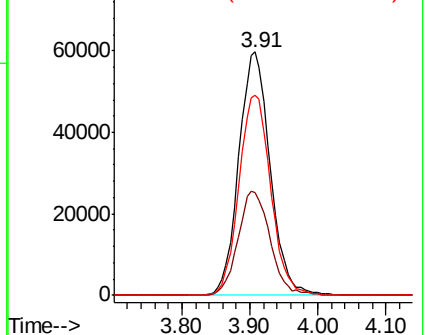
151 83.4 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.333 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

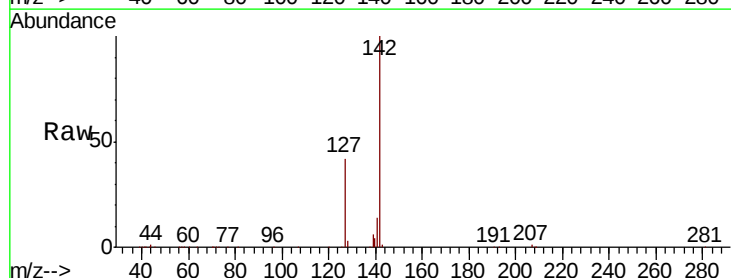
Tgt Ion:142 Resp: 250173

Ion Ratio Lower Upper

142 100

127 41.6 34.2 51.2

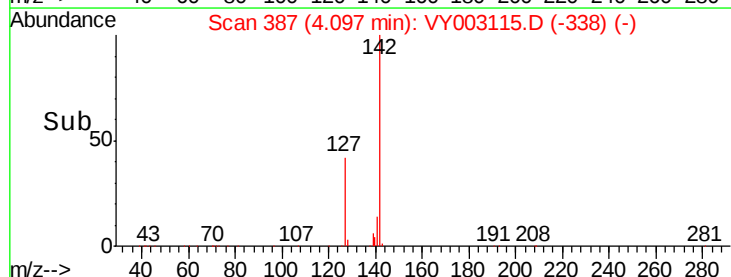
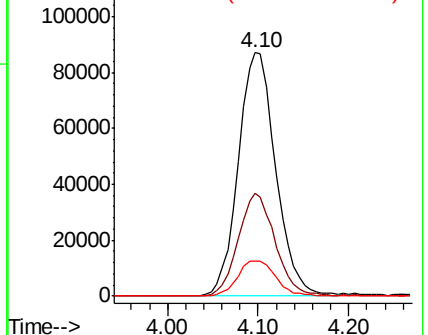
141 14.7 11.7 17.5

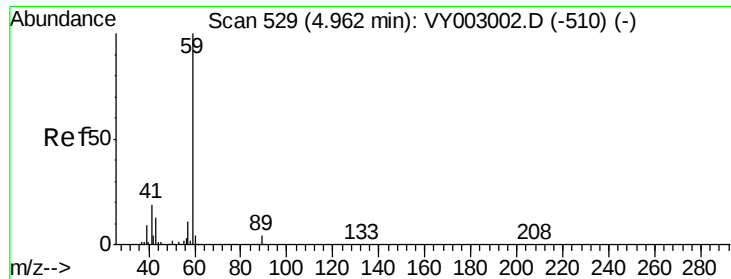


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

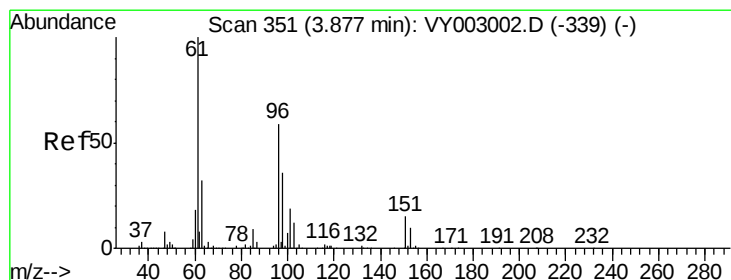
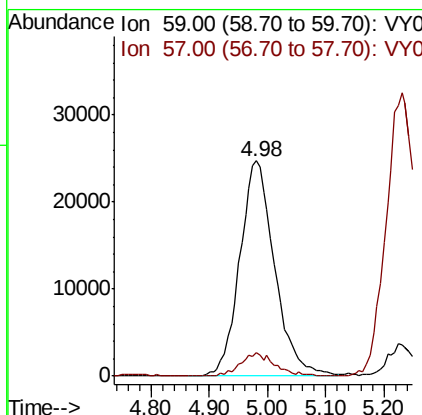
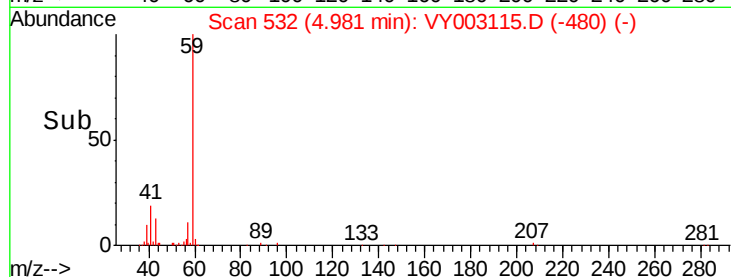
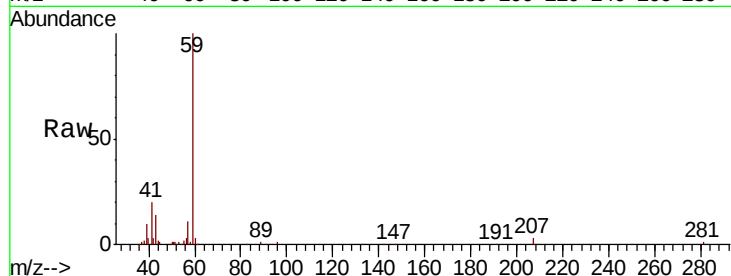




#11
Tert butyl alcohol
Concen: 234.994 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.02 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

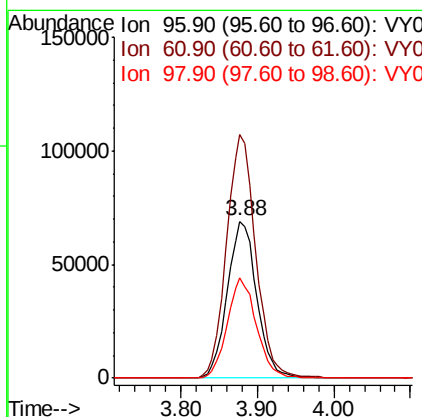
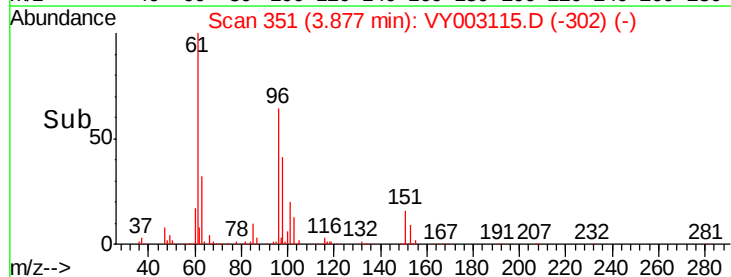
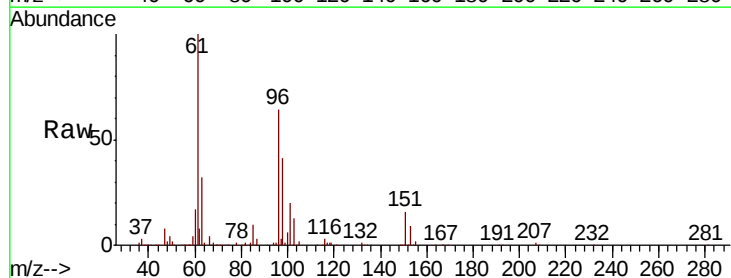
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

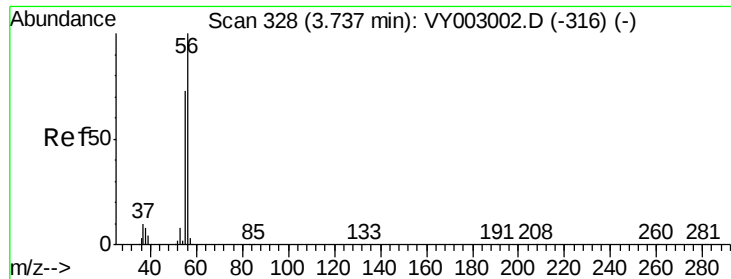
Tot Ion: 59 Resp: 102542
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.262 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 96 Resp: 184217
Ion Ratio Lower Upper
96 100
61 155.5 136.7 205.1
98 63.7 49.7 74.5

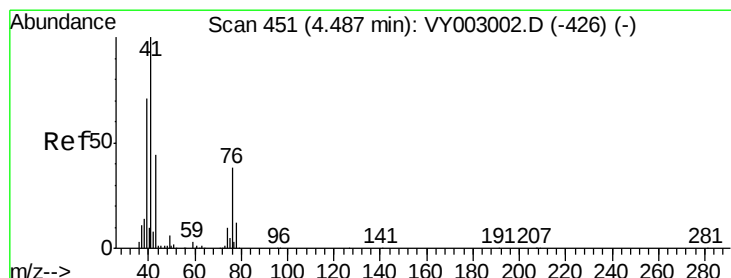
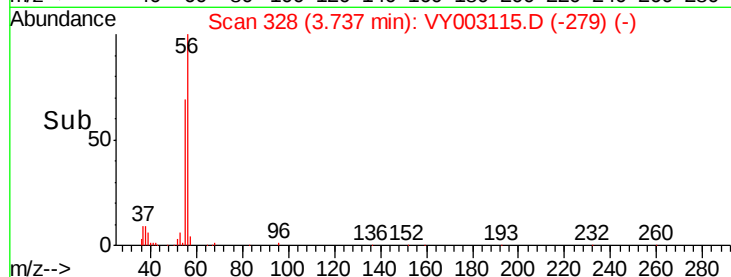
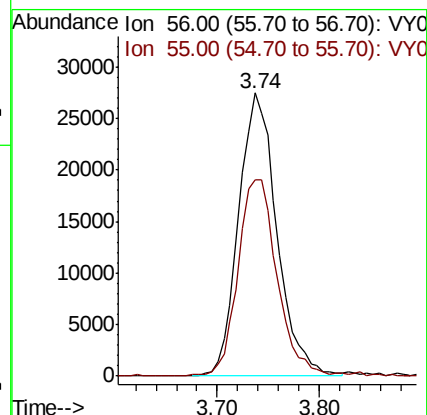
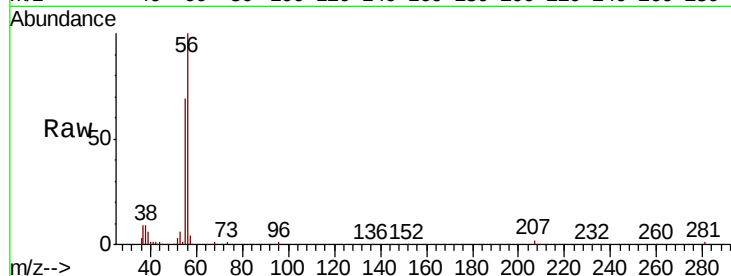




#13
Acrolein
Concen: 182.448 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

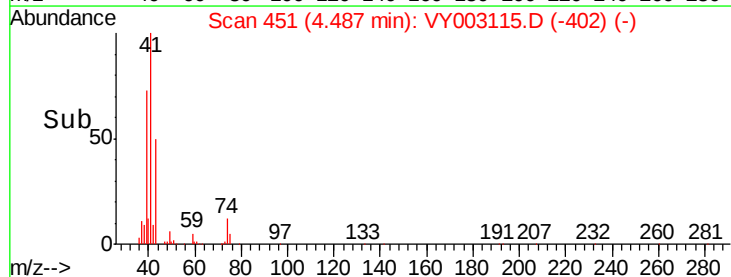
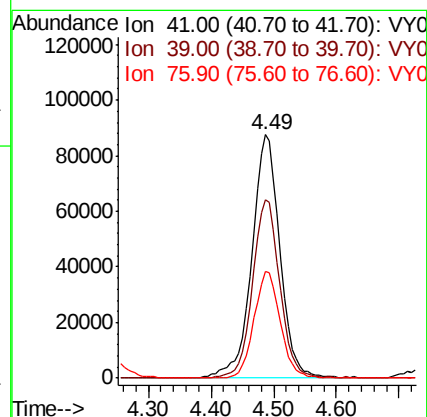
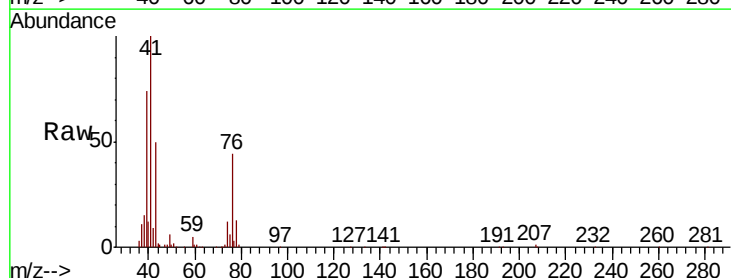
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

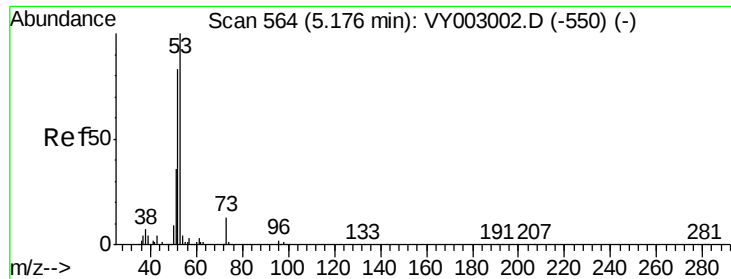
Tot Ion: 56 Resp: 71504
Ion Ratio Lower Upper
56 100
55 71.1 56.4 84.6



#14
Allyl chloride
Concen: 41.287 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 41 Resp: 269566
Ion Ratio Lower Upper
41 100
39 71.5 55.6 83.4
76 41.3 28.6 43.0





#15

Acrylonitrile

Concen: 241.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

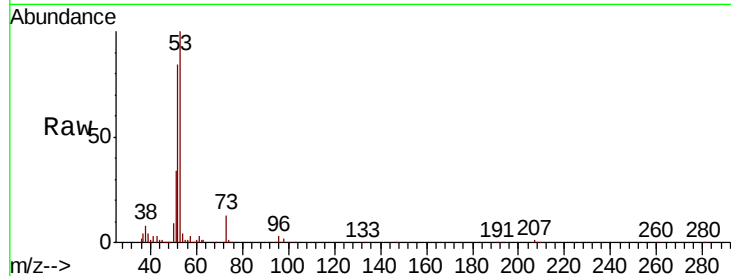
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 280757

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	36.7	29.5	44.3

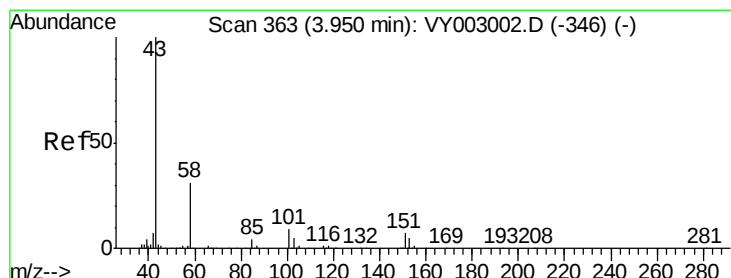
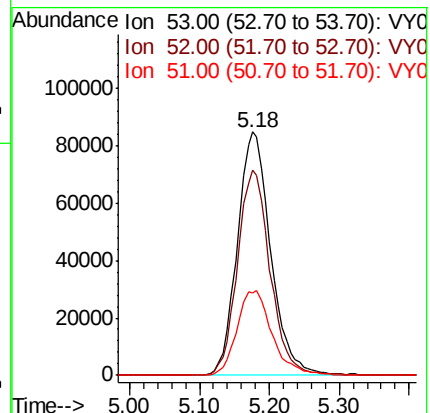
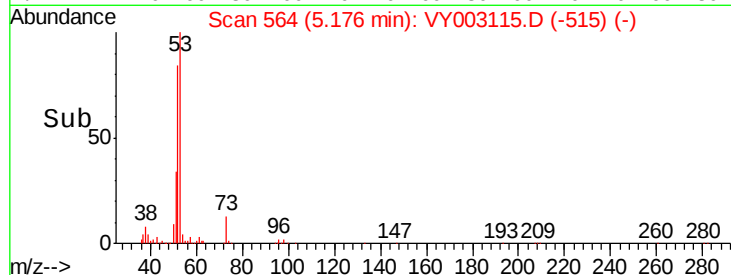


Abundance

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: 210.786 ug/l

RT: 3.96 min Scan# 364

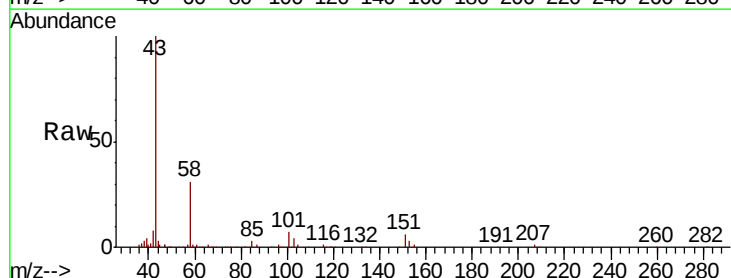
Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion: 43 Resp: 212860

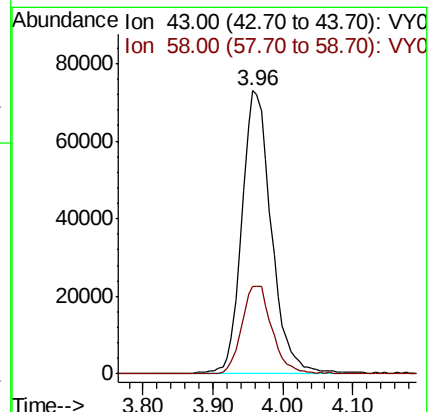
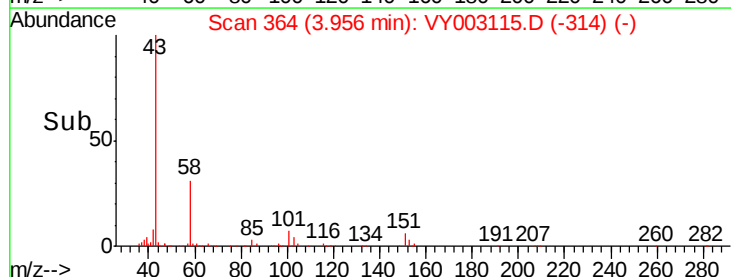
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.7	37.1

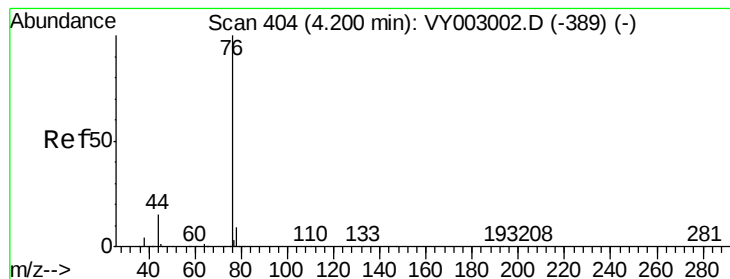


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 44.271 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

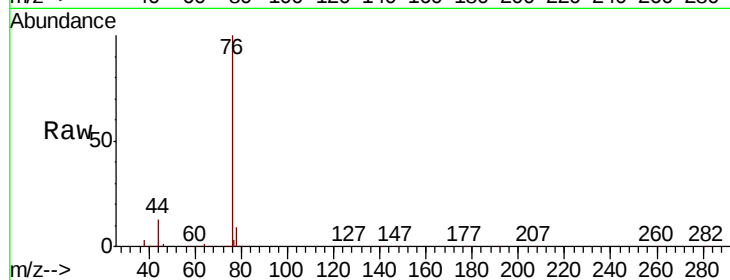
VSTDCCC050EC

Tot Ion: 76 Resp: 528947

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

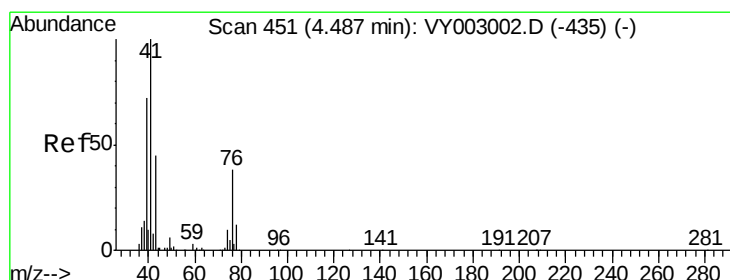
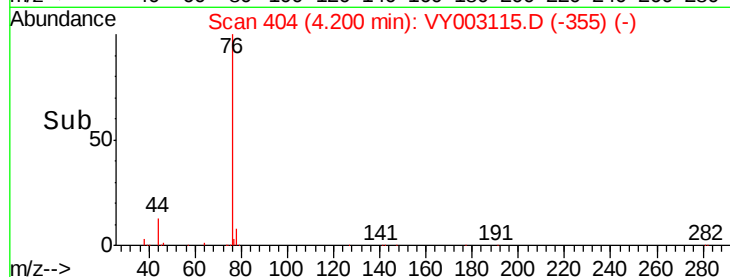
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.828 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003115.D

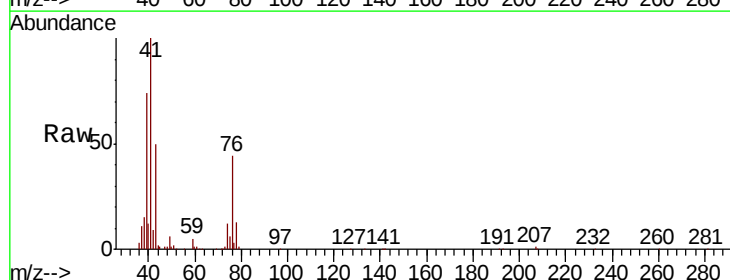
Acq: 06 Jul 2020 16:54

Tgt Ion: 43 Resp: 124683

Ion Ratio Lower Upper

43 100

74 26.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

50000

40000

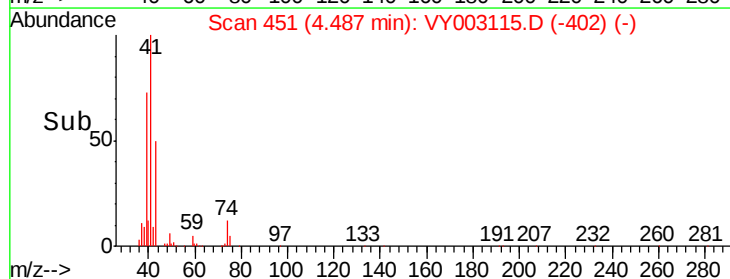
30000

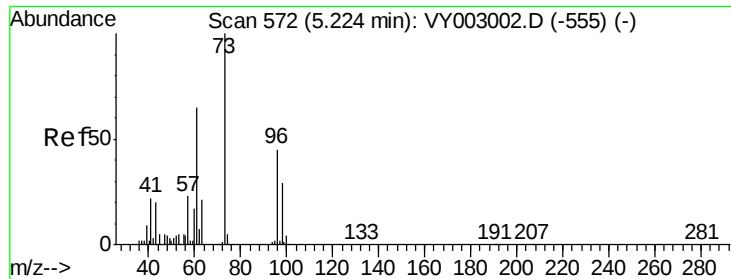
20000

10000

0

Time-->



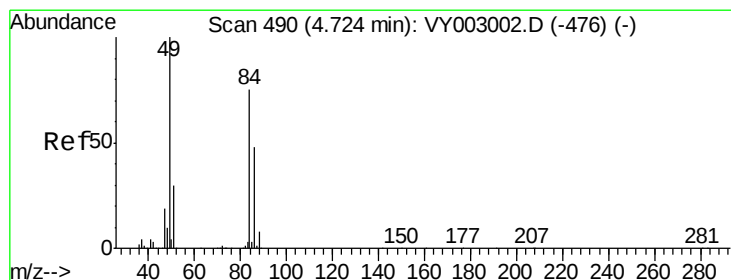
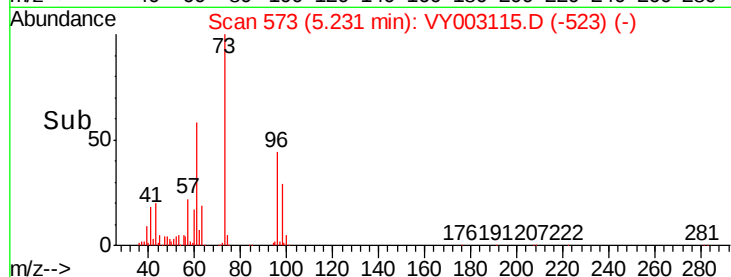
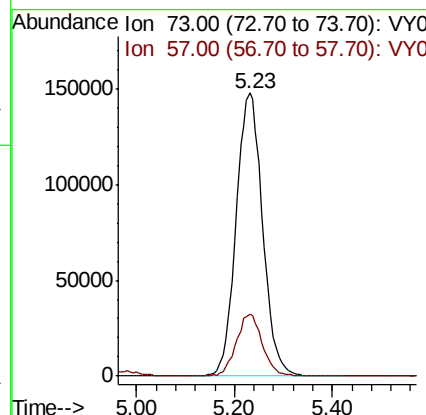
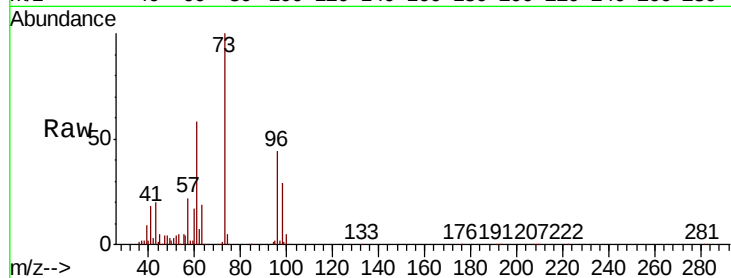


#19

Methyl tert-butyl Ether
 Concen: 50.621 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

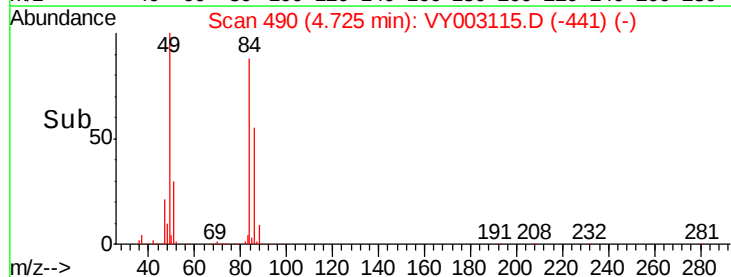
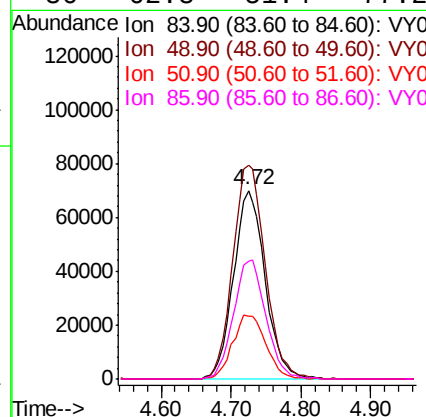
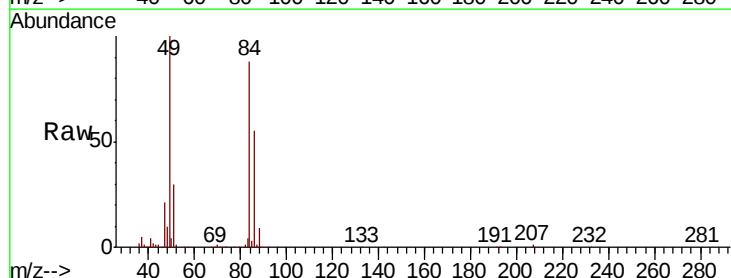
Tot Ion: 73 Resp: 551788
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.2

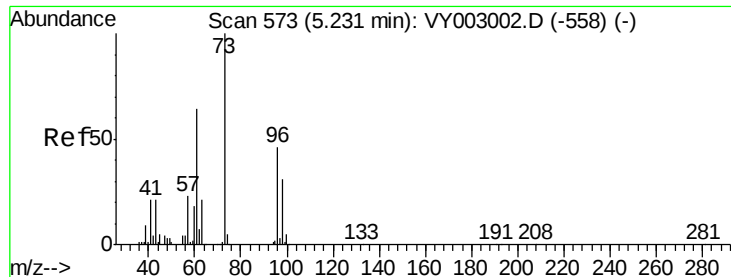


#20

Methylene Chloride
 Concen: 48.476 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 84 Resp: 219404
 Ion Ratio Lower Upper
 84 100
 49 113.3 106.8 160.2
 51 33.5 32.0 48.0
 86 62.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.274 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

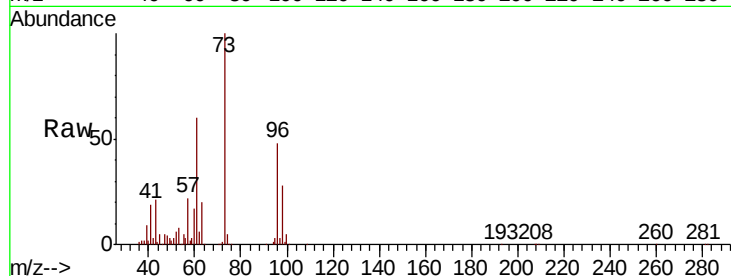
Tot Ion: 96 Resp: 208424

Ion Ratio Lower Upper

96 100

61 126.3 112.3 168.5

98 59.8 53.8 80.8

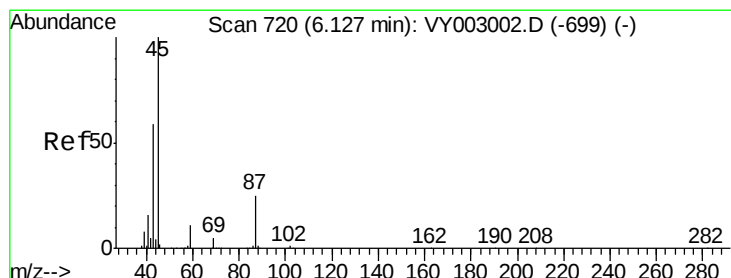
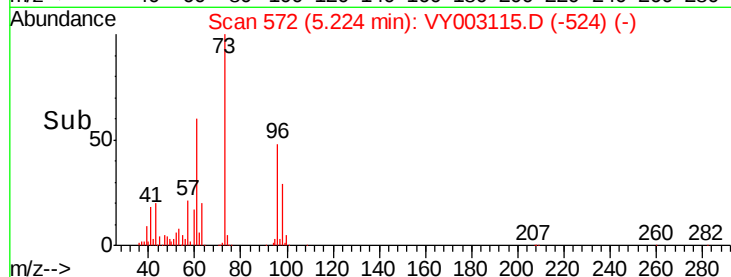
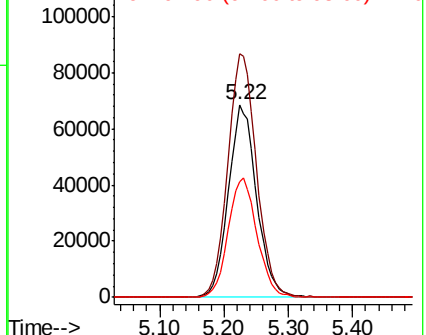


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 45.110 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion: 45 Resp: 631256

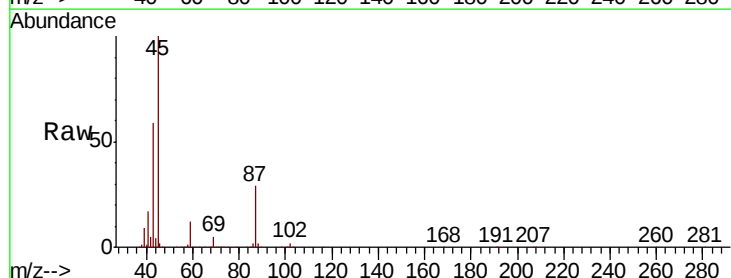
Ion Ratio Lower Upper

45 100

43 59.4 47.4 71.2

87 28.8 20.2 30.2

59 12.0 9.2 13.8



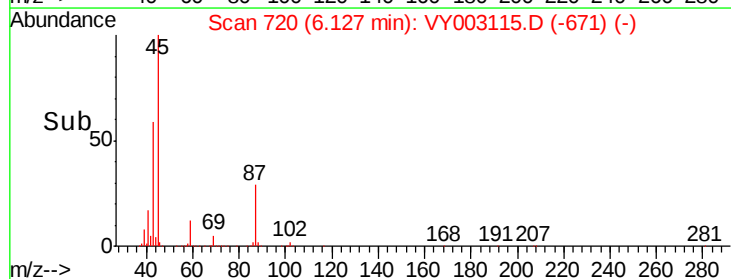
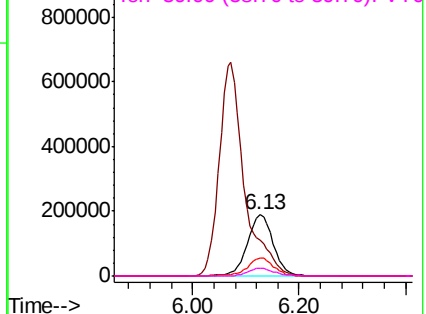
Abundance

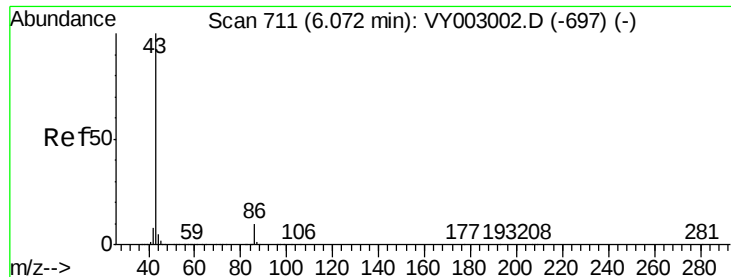
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 232.706 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

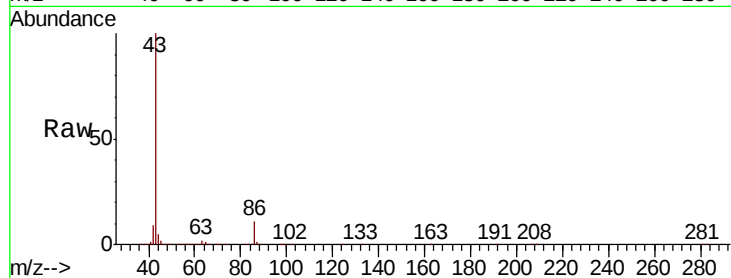
VSTDCCC050EC

Tot Ion: 43 Resp: 2177157

Ion Ratio Lower Upper

43 100

86 11.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

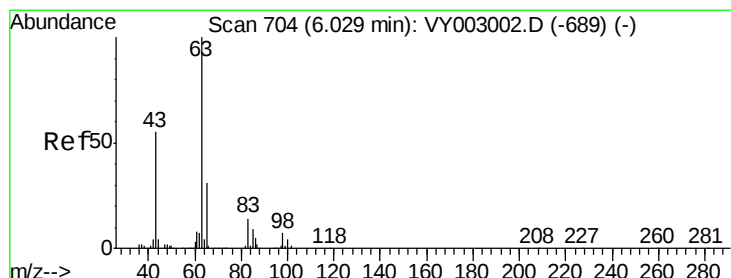
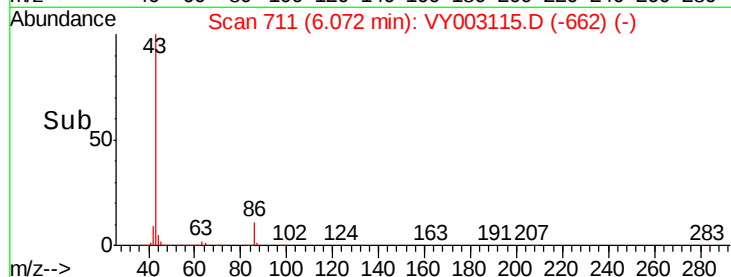
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.695 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

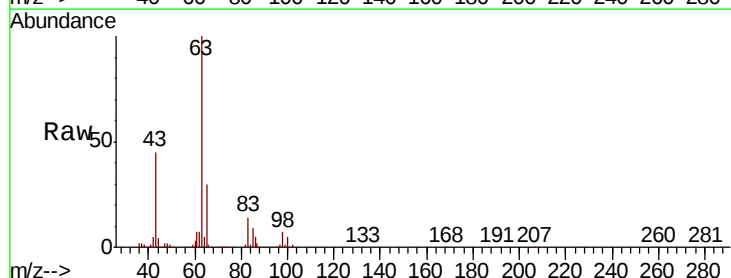
Tgt Ion: 63 Resp: 356946

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 5.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

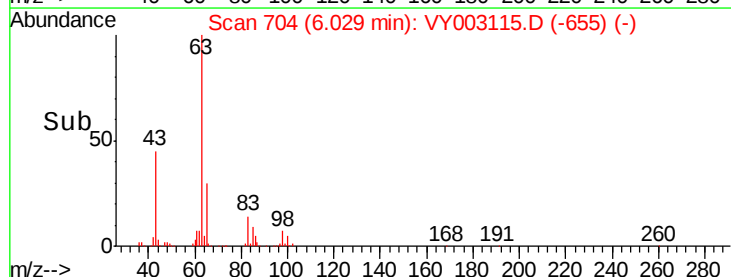
150000

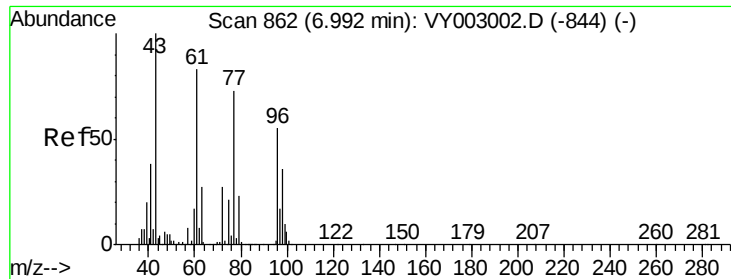
100000

50000

0

Time-->





#25

2-Butanone

Concen: 225.749 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

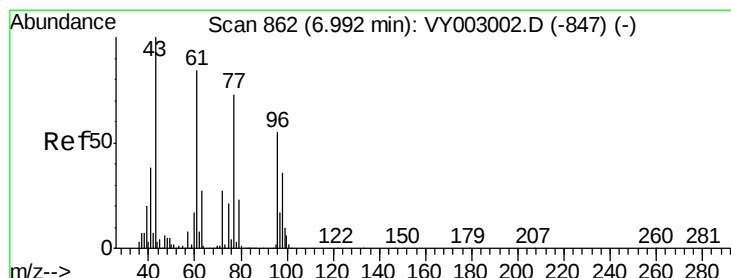
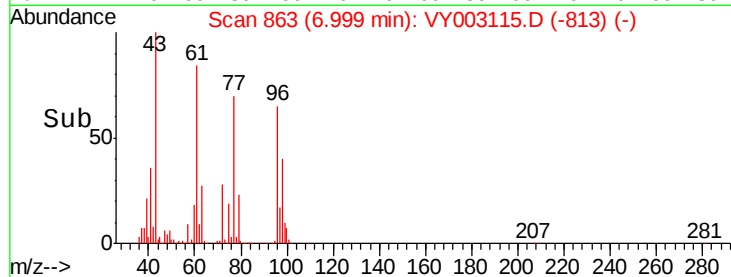
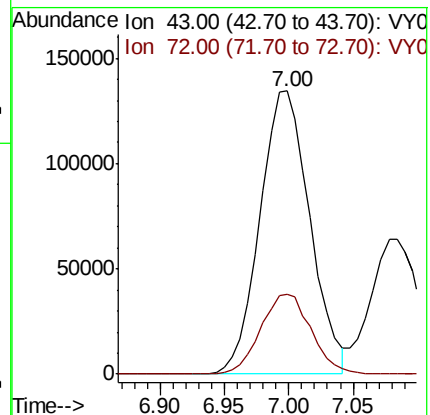
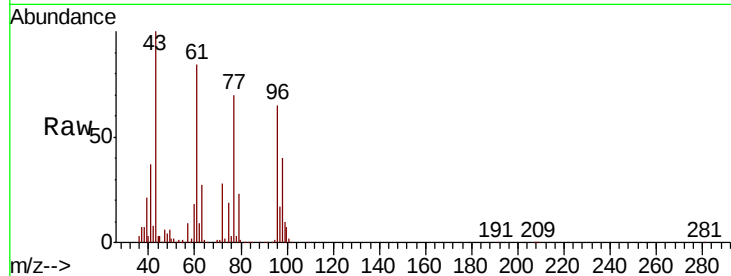
VSTDCCC050EC

Tot Ion: 43 Resp: 362133

Ion Ratio Lower Upper

43 100

72 27.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 45.973 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003115.D

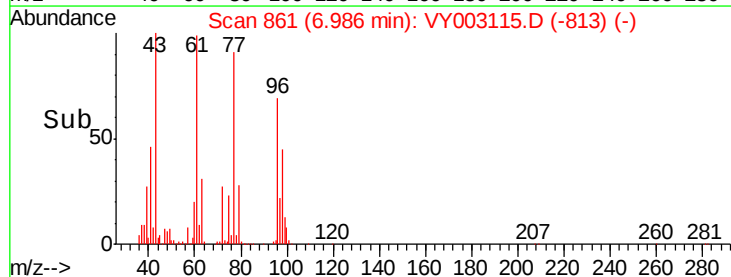
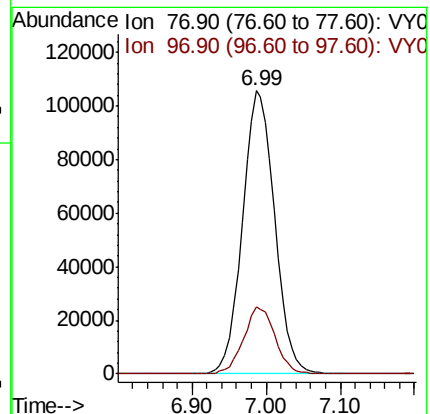
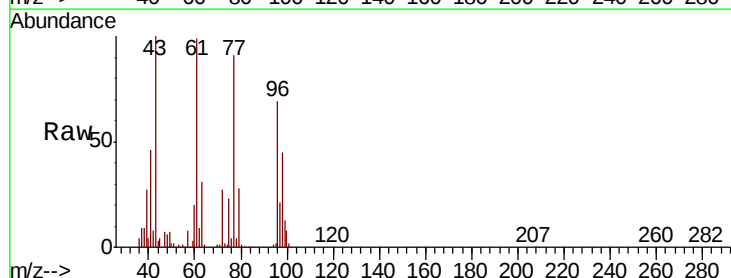
Acq: 06 Jul 2020 16:54

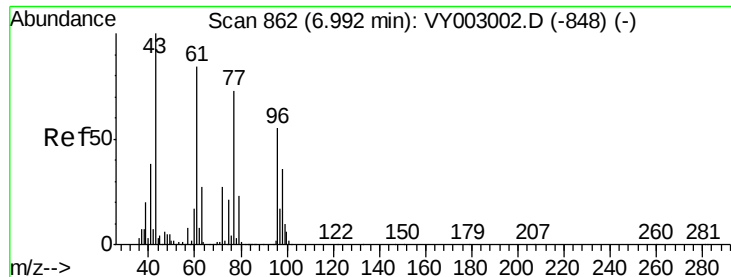
Tgt Ion: 77 Resp: 319293

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9



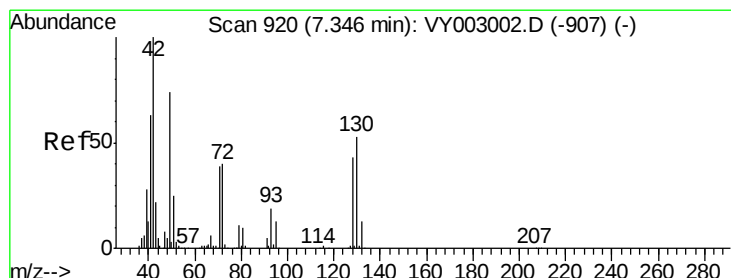
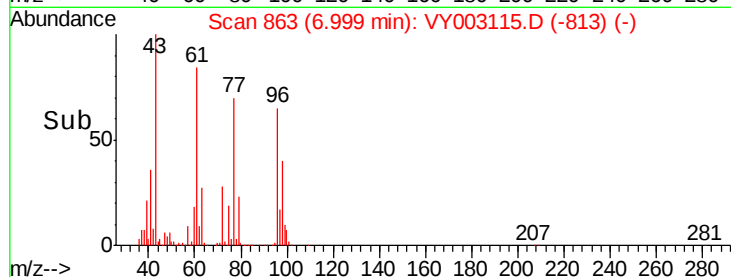
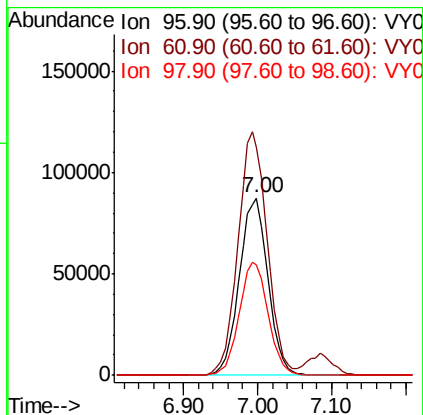
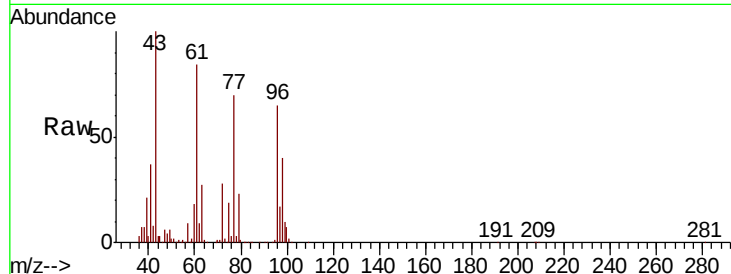


#27

cis-1,2-Dichloroethene
Concen: 49.894 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

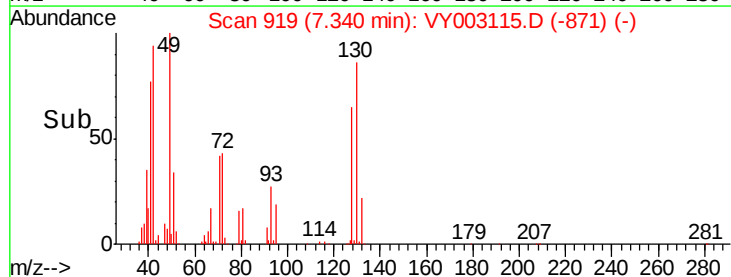
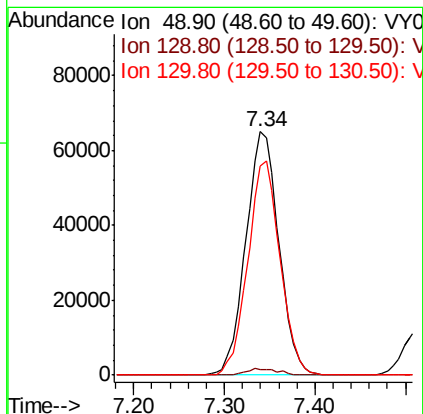
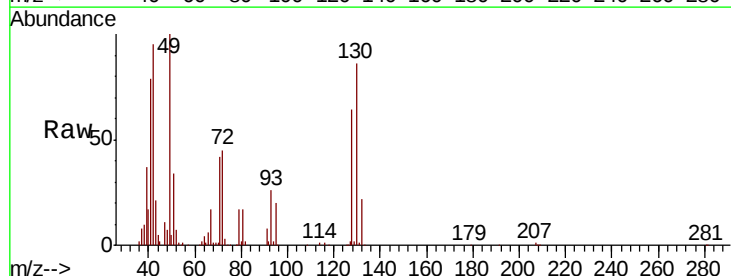
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	301.2
98	64.2	0.0	129.0

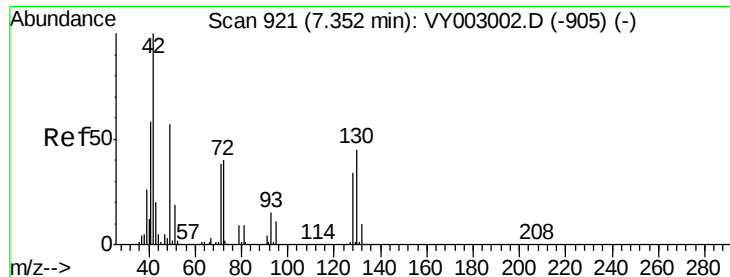


#28

Bromochloromethane
Concen: 48.231 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	86.0	57.0	85.6#





#29

Tetrahydrofuran

Concen: 236.180 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

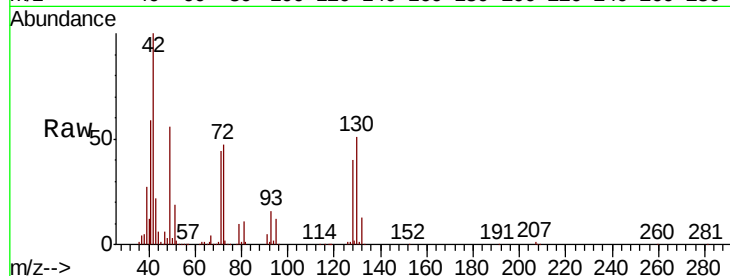
Tot Ion: 42 Resp: 251947

Ion Ratio Lower Upper

42 100

72 47.3 32.9 49.3

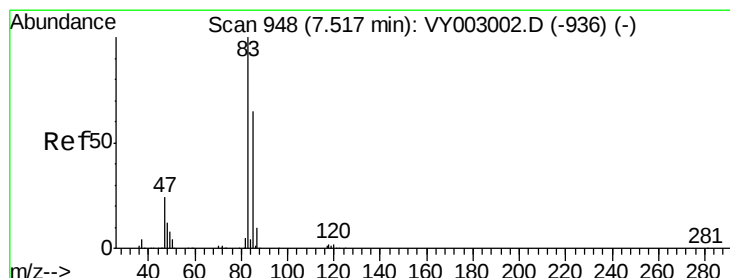
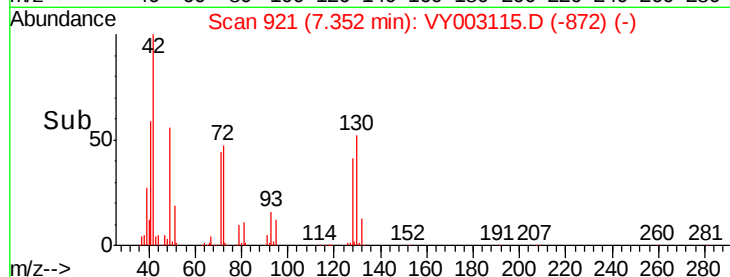
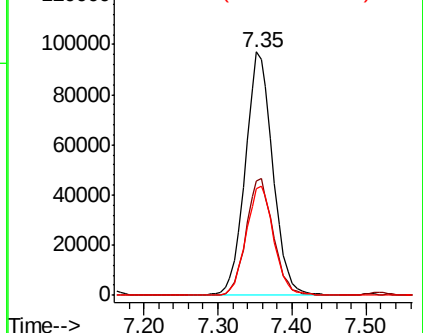
71 44.7 31.2 46.8



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: 49.614 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003115.D

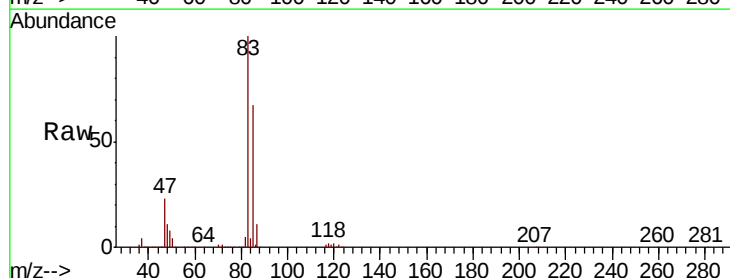
Acq: 06 Jul 2020 16:54

Tgt Ion: 83 Resp: 375728

Ion Ratio Lower Upper

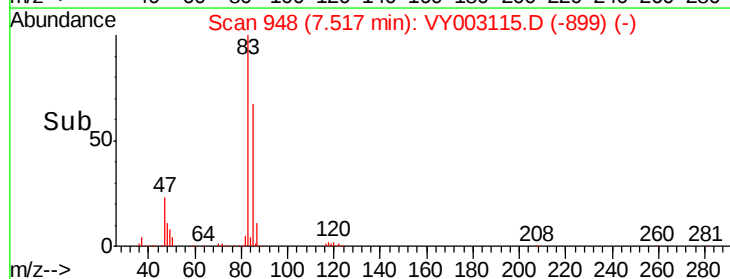
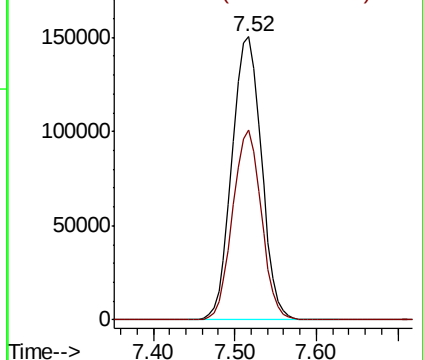
83 100

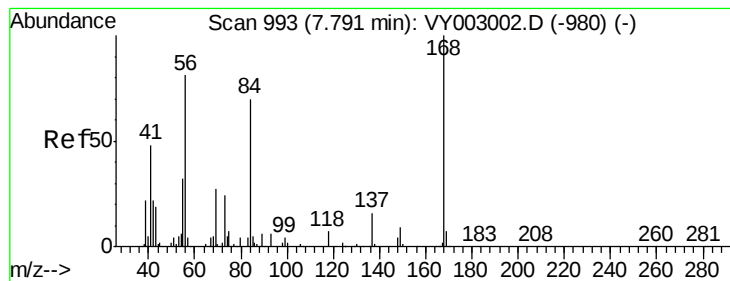
85 66.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 41.551 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

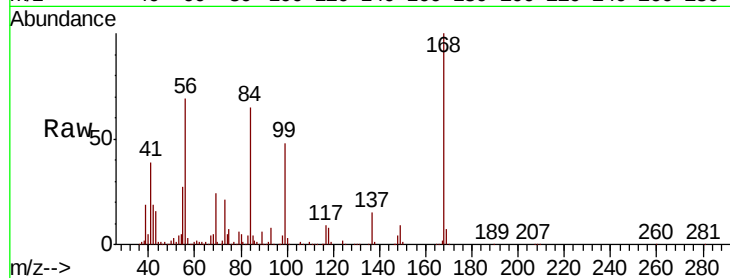
Tot Ion: 56 Resp: 312906

Ion Ratio Lower Upper

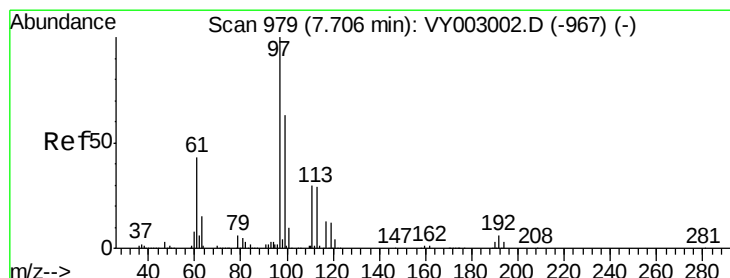
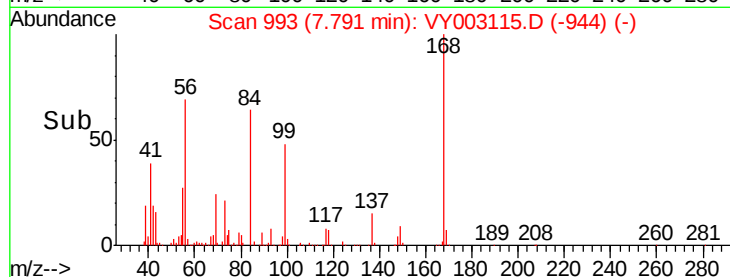
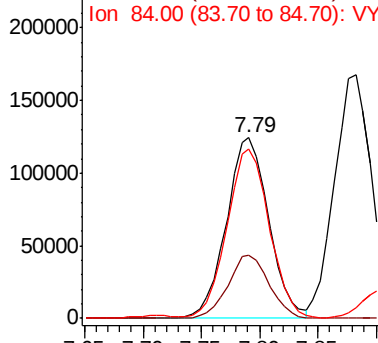
56 100

69 35.1 27.0 40.4

84 92.6 68.1 102.1



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: 47.948 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

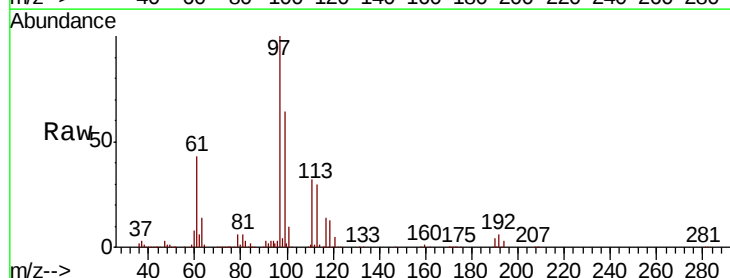
Tgt Ion: 97 Resp: 331443

Ion Ratio Lower Upper

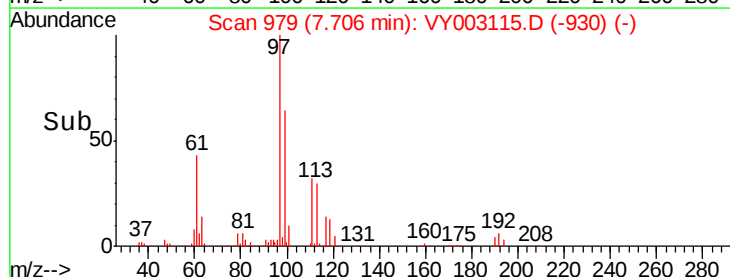
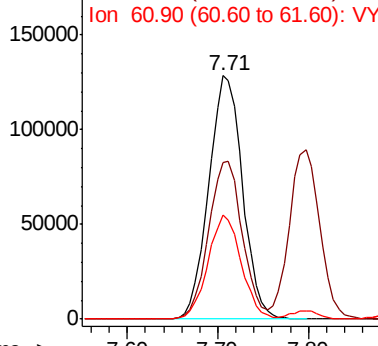
97 100

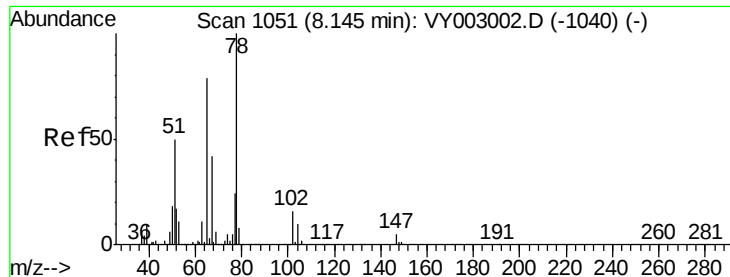
99 65.0 51.4 77.2

61 41.8 33.9 50.9



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

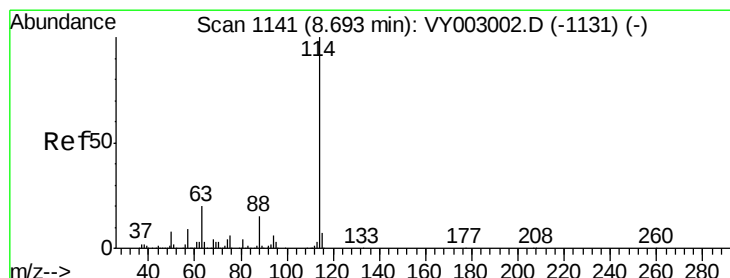
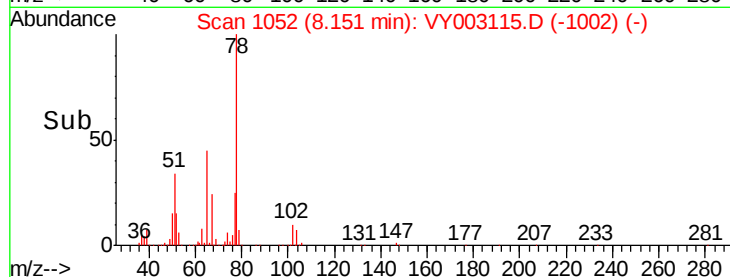
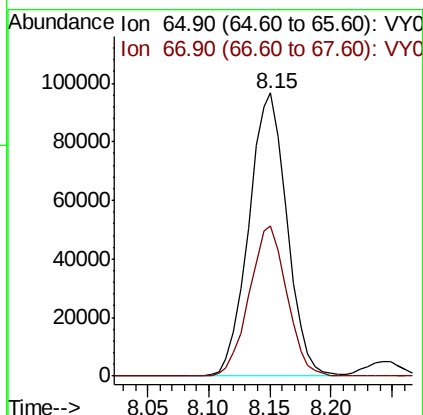
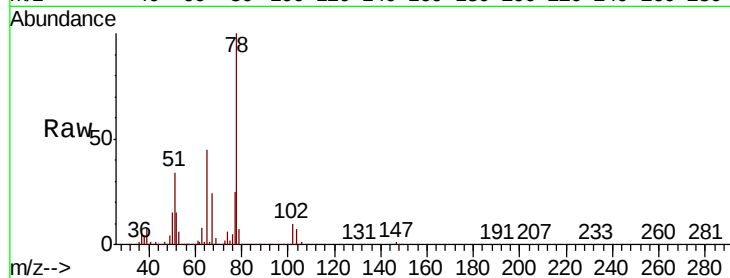




#33
 1,2-Dichloroethane-d4
 Concen: 48.905 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

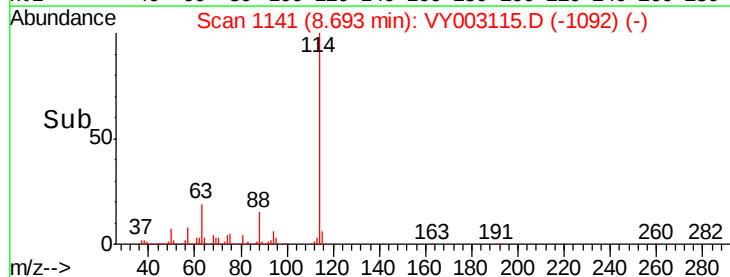
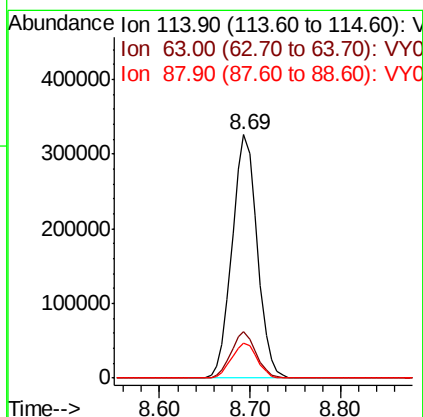
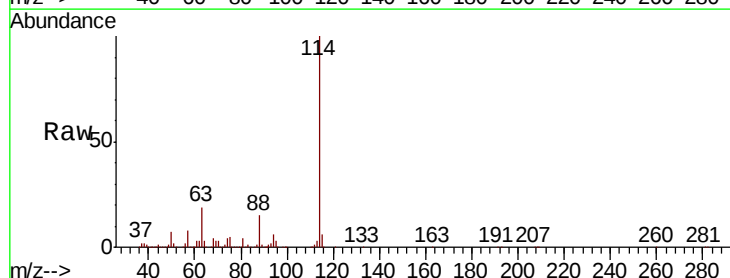
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

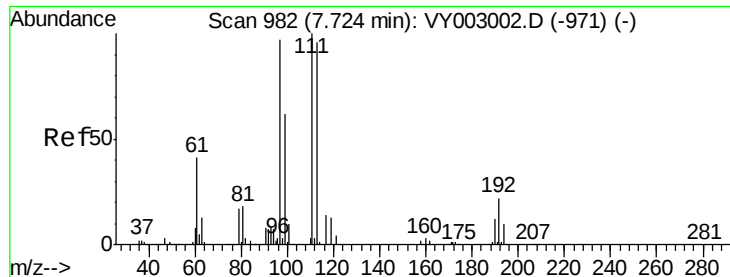
Tot Ion: 65 Resp: 209400
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 114 Resp: 626012
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.6
 88 14.5 0.0 30.0

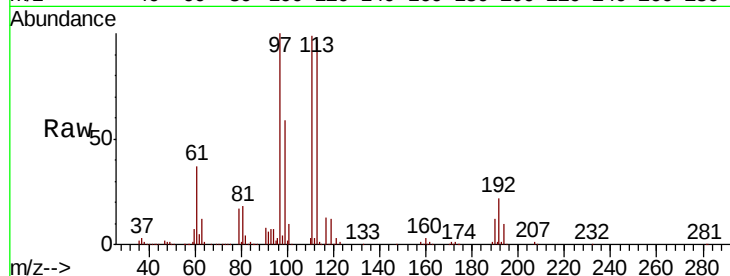




#35
 Dibromofluoromethane
 Concen: 52.221 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	123.8
192	22.9	18.1	27.1

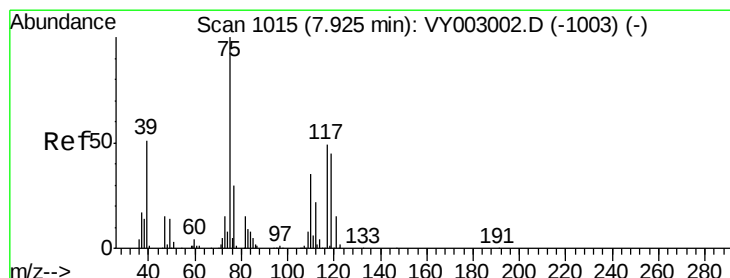
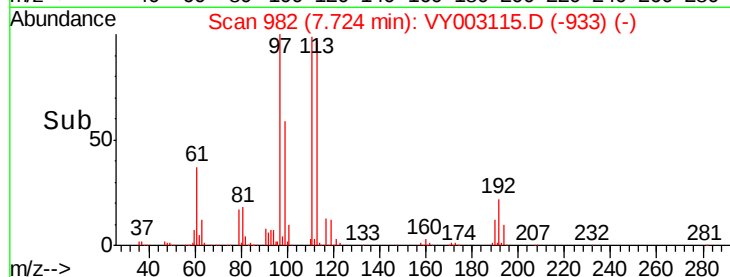
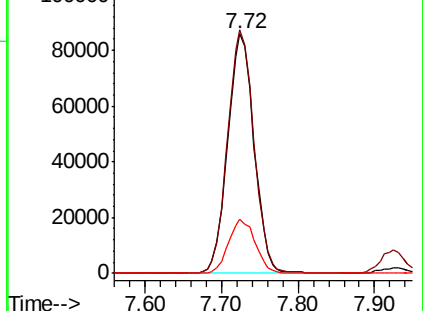


Abundance

Ion 112.80 (112.50 to 113.50): V

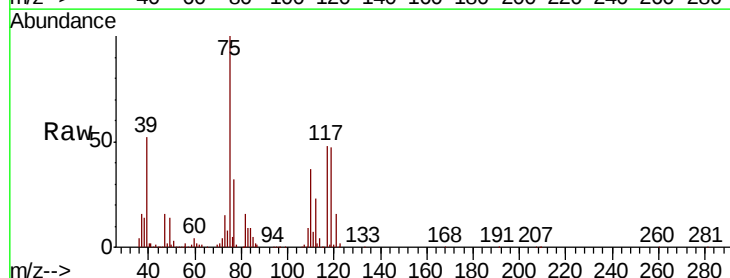
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.101 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.1	51.2
77	31.4	24.9	37.3

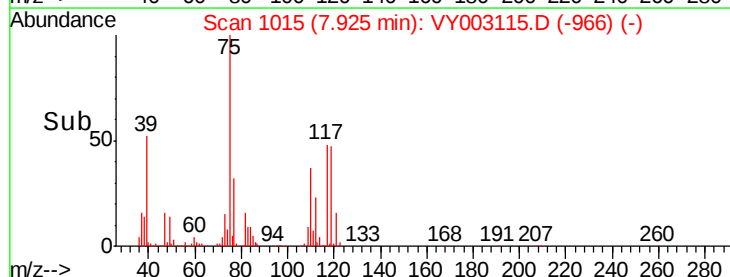
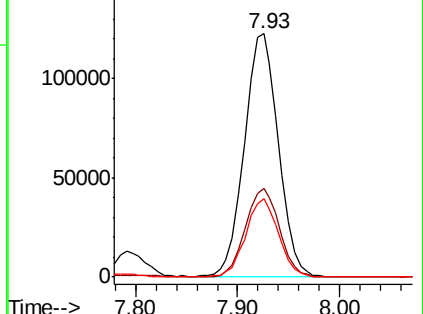


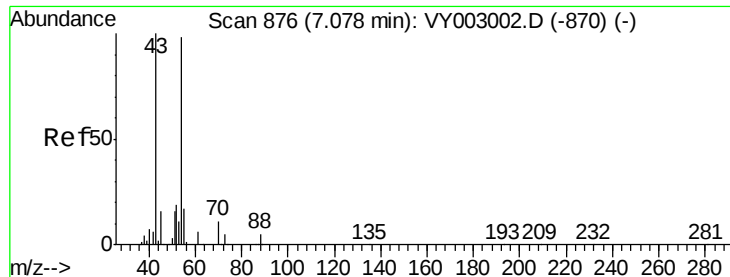
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

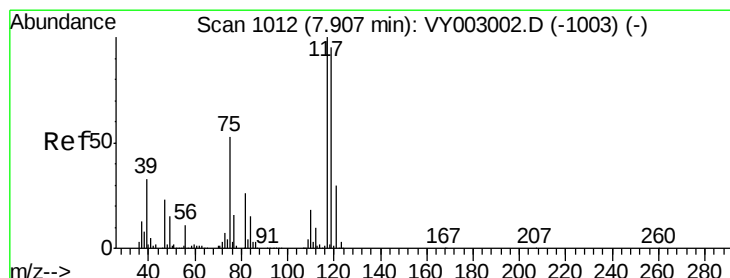
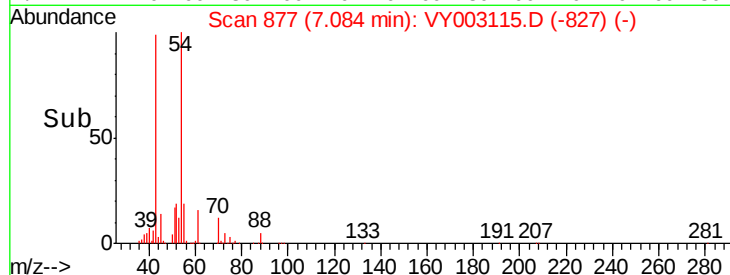
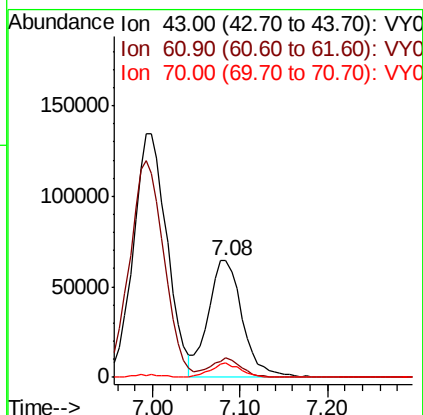
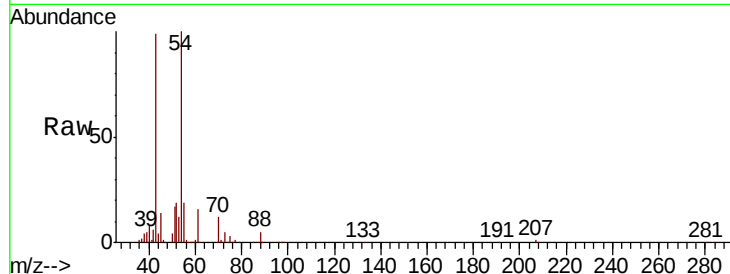




#37
Ethyl Acetate
Concen: 48.265 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

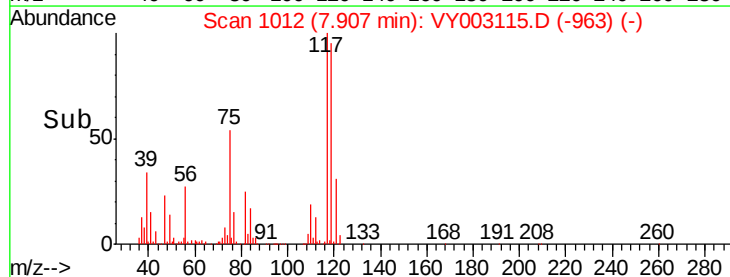
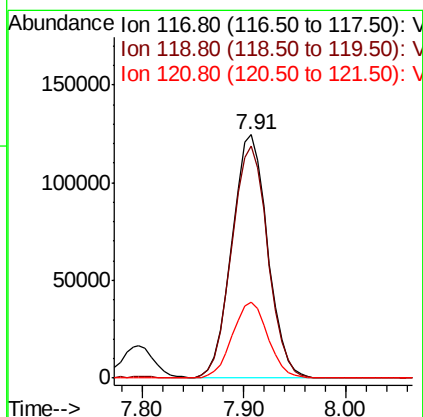
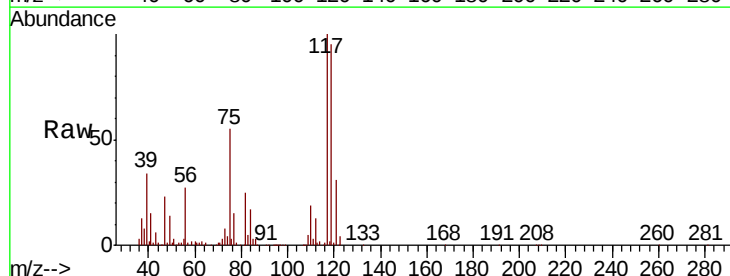
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

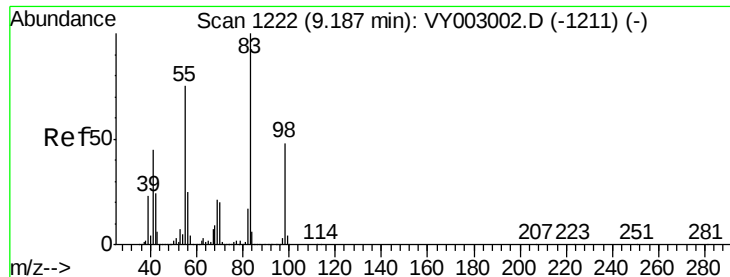
Tot Ion: 43 Resp: 174987
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.262 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 117 Resp: 302785
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5
121 31.0 23.9 35.9

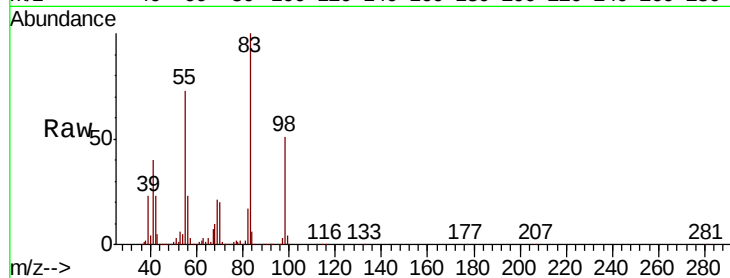




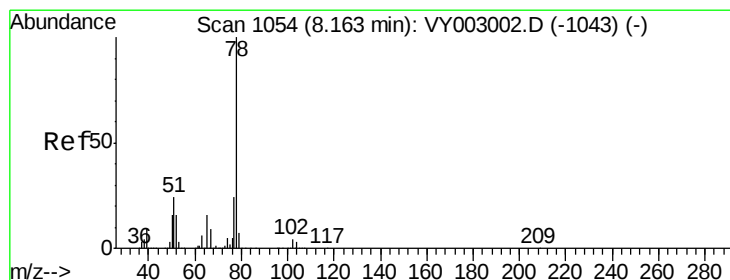
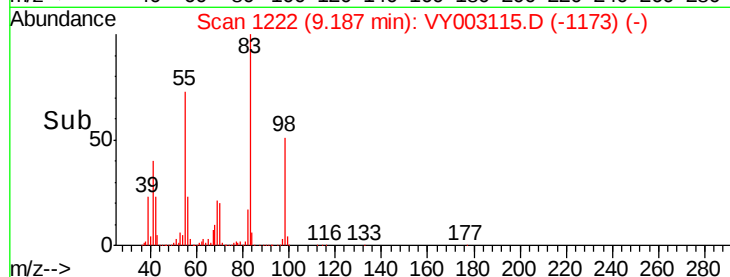
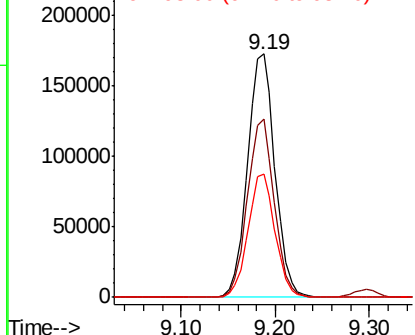
#39
Methvlcvclohexane
Concen: 47.201 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	352889
Ion	Ratio	Lower	Upper
83	100		
55	73.0	59.9	89.9
98	50.8	38.7	58.1

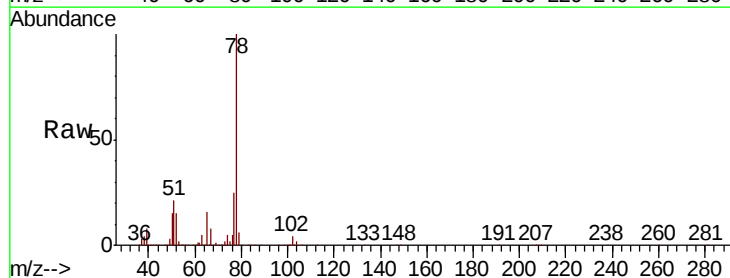


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

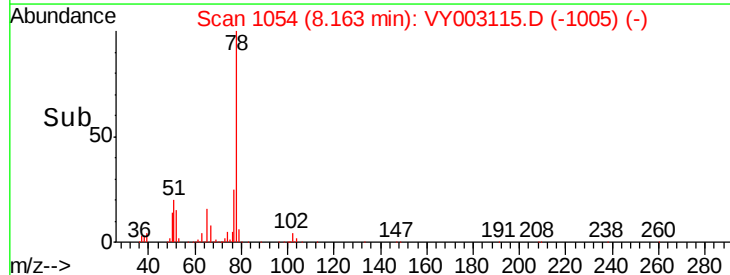
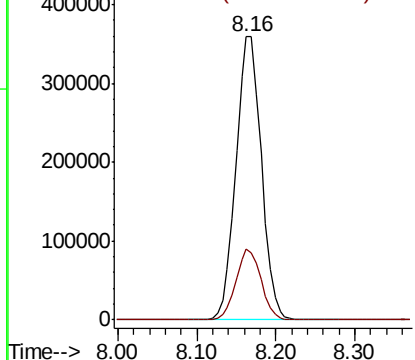


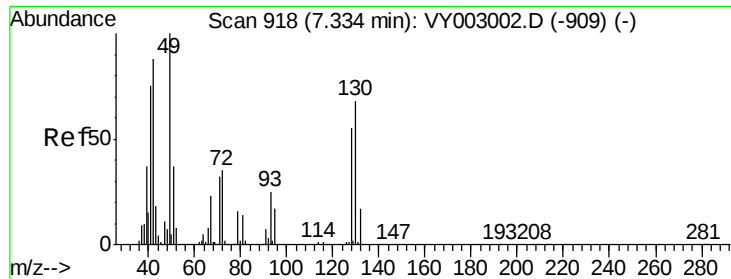
#40
Benzene
Concen: 48.800 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion	78	Resp	805608
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8



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

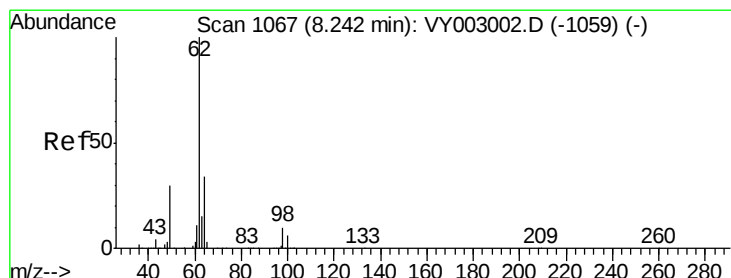
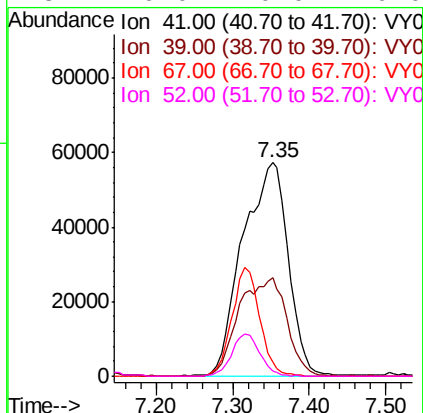
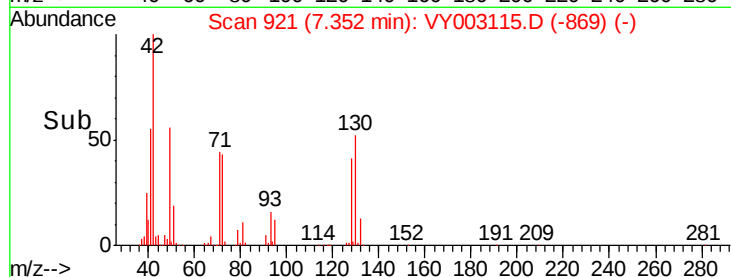
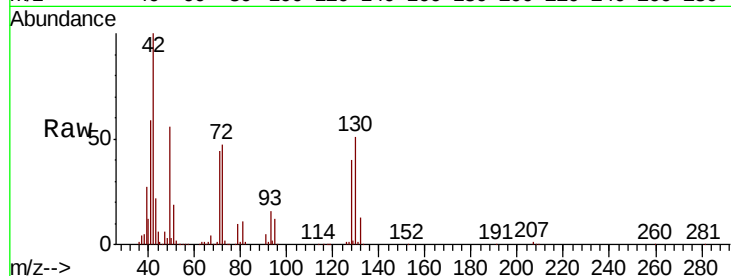




#41
Methacrylonitrile
Concen: 122.239 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

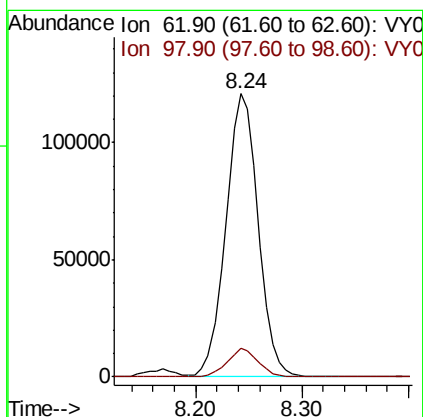
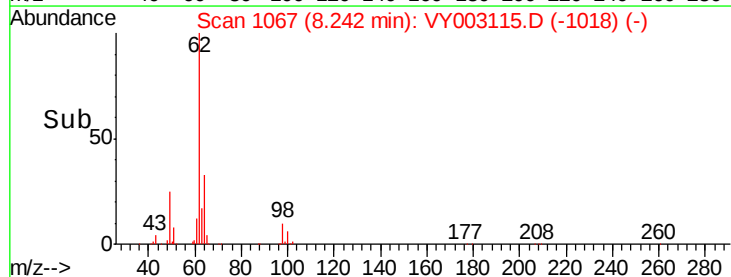
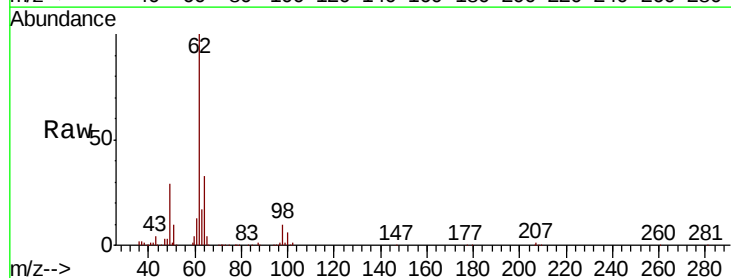
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

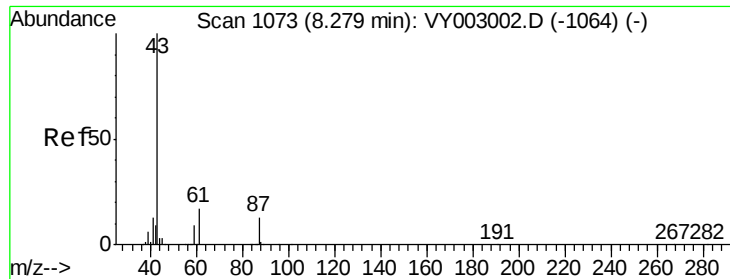
Tot Ion: 41 Resp: 236741
Ion Ratio Lower Upper
41 100
39 48.3 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.160 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 62 Resp: 256739
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2



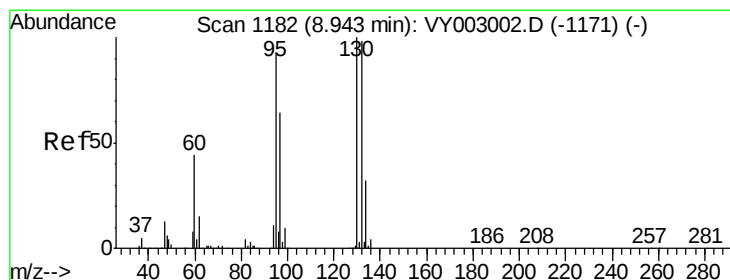
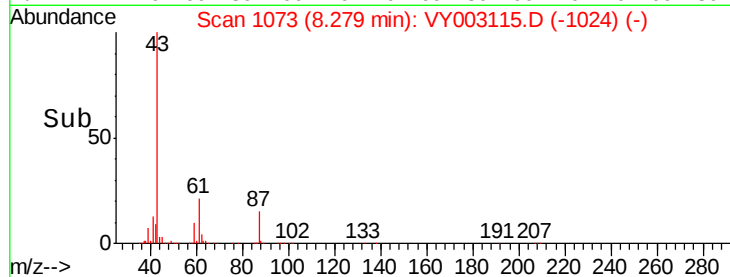
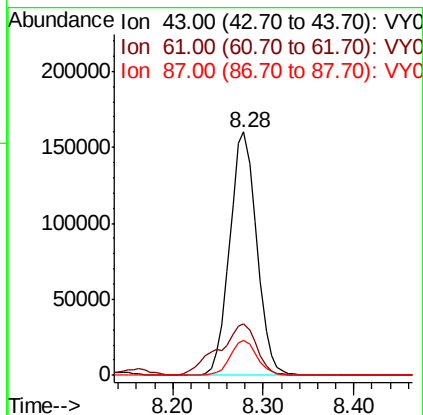
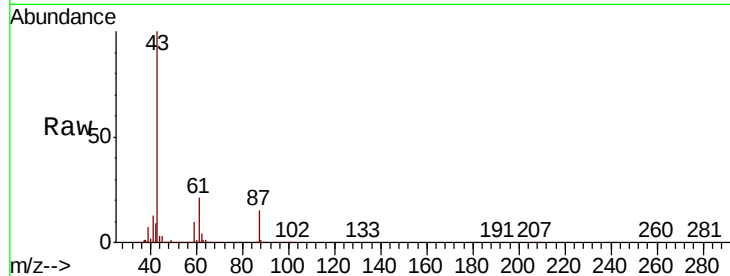


#43

Isopropyl Acetate
 Concen: 47.921 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

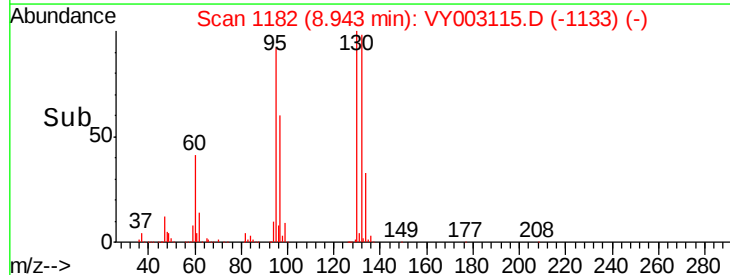
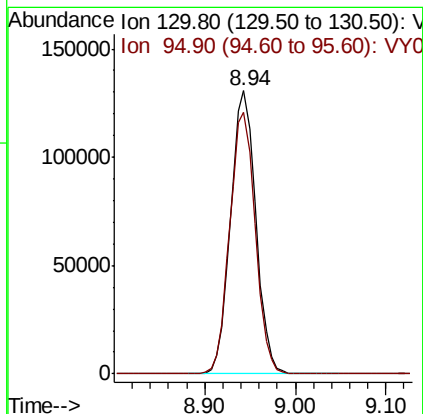
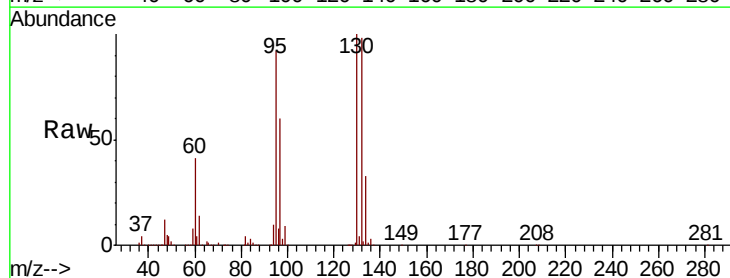
Tot Ion	43	Resp	330288
Ion Ratio	Lower	Upper	
43	100		
61	29.7	21.8	32.6
87	14.4	10.1	15.1

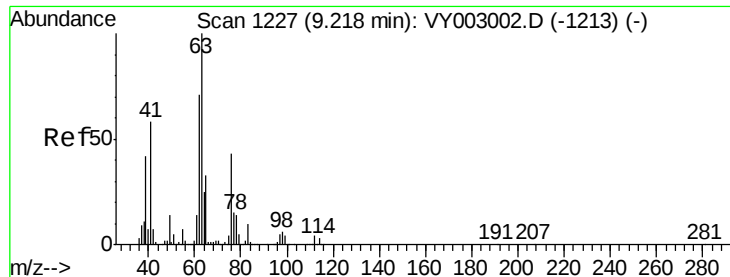


#44

Trichloroethene
 Concen: 52.629 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion	130	Resp	252527
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	186.4

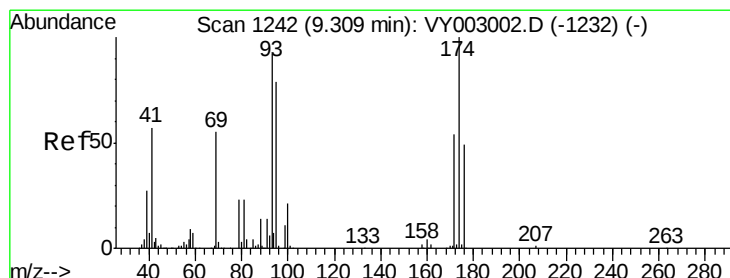
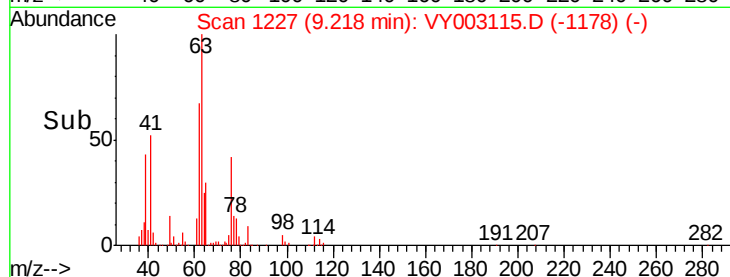
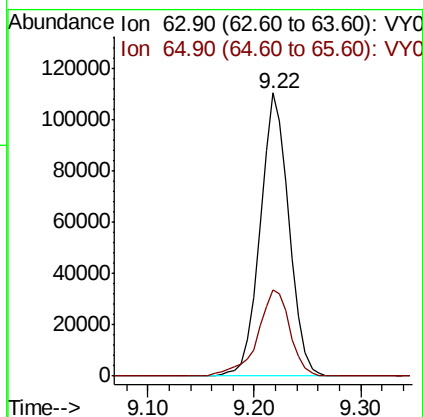
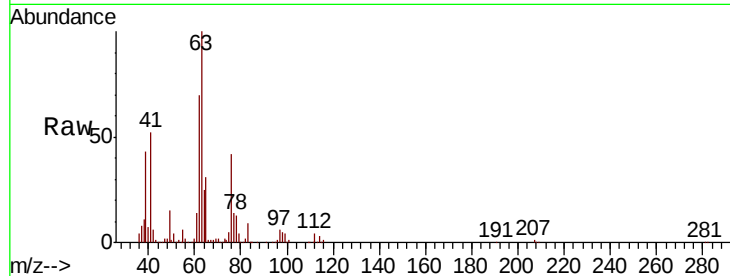




#45
 1,2-Dichloropropane
 Concen: 46.917 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

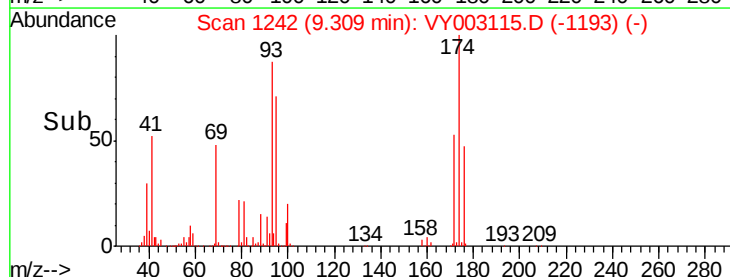
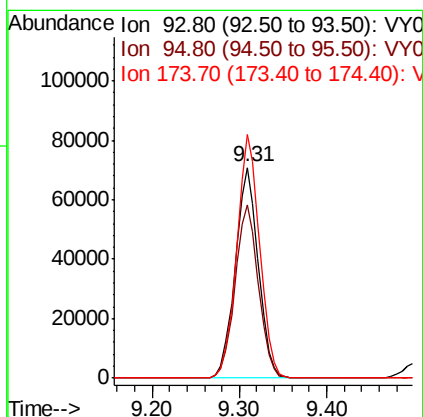
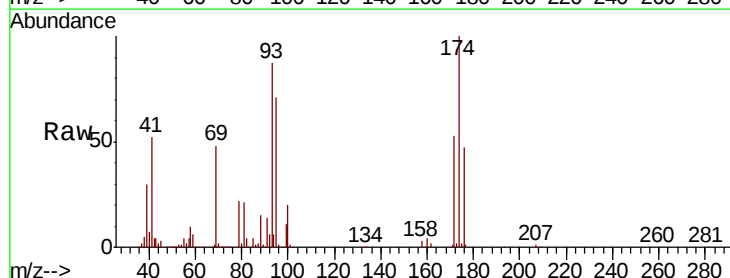
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

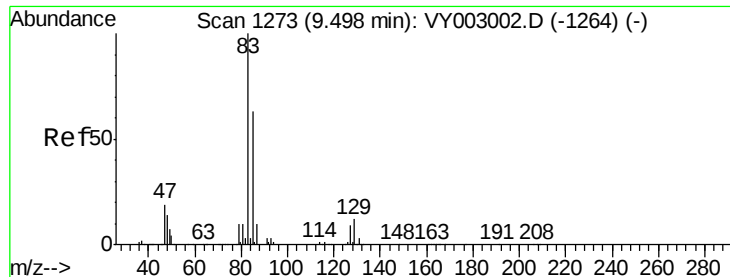
Tot Ion: 63 Resp: 208375
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.2 39.4



#46
 Dibromomethane
 Concen: 52.133 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 93 Resp: 129319
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.6 101.4
 174 114.9 88.3 132.5





#47

Bromodichloromethane

Concen: 49.919 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

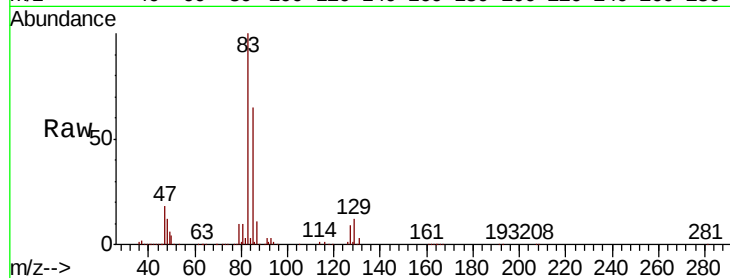
Tot Ion: 83 Resp: 303212

Ion Ratio Lower Upper

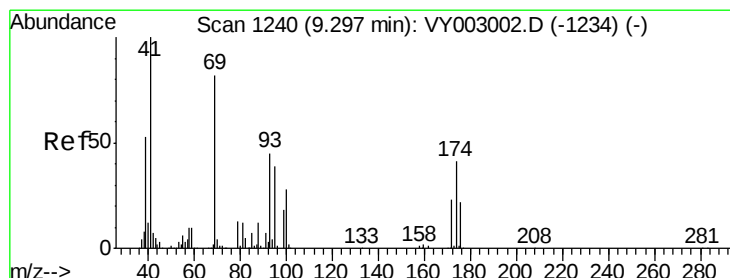
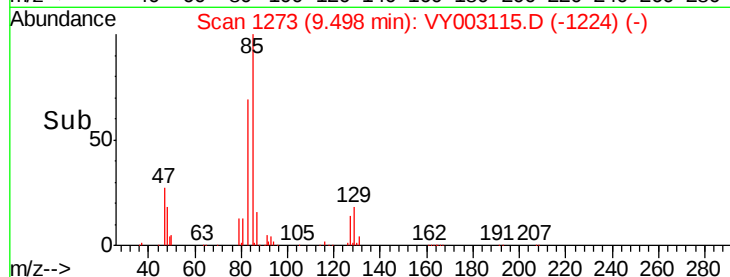
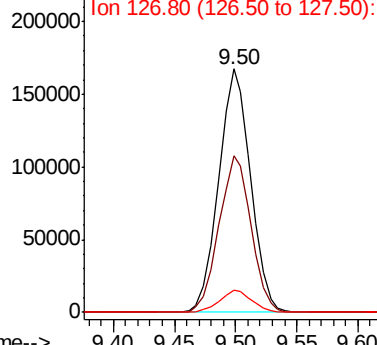
83 100

85 64.5 50.5 75.7

127 9.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 47.806 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

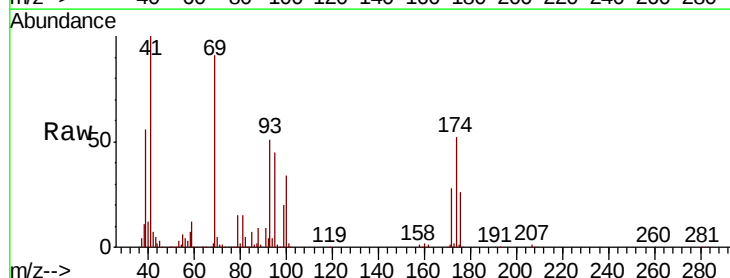
Tgt Ion: 41 Resp: 149978

Ion Ratio Lower Upper

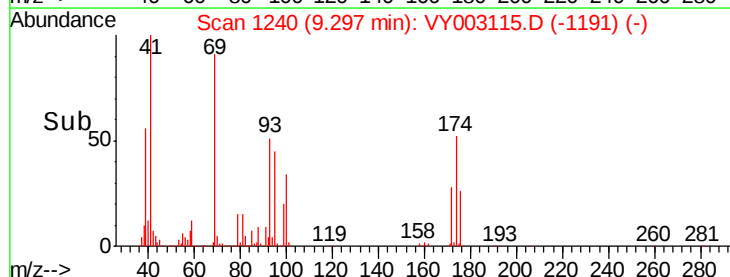
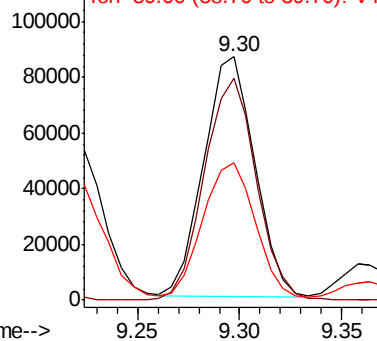
41 100

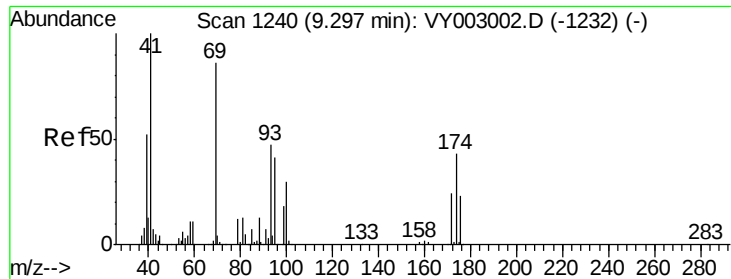
69 94.1 67.7 101.5

39 59.6 45.0 67.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

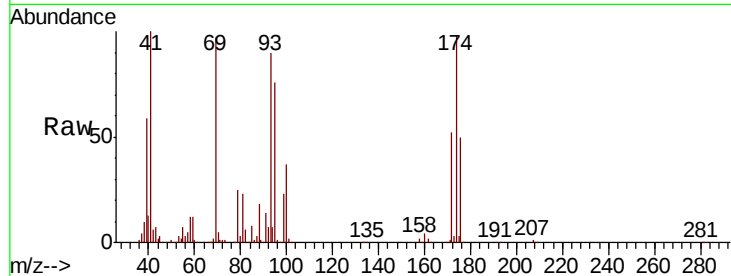




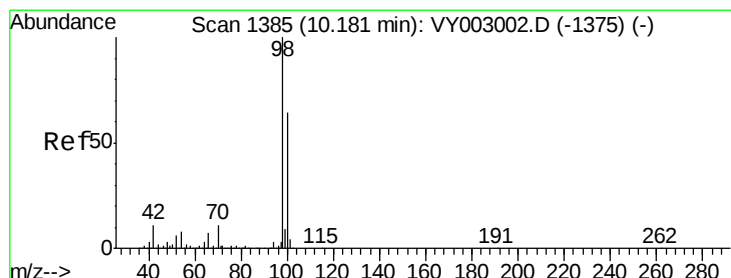
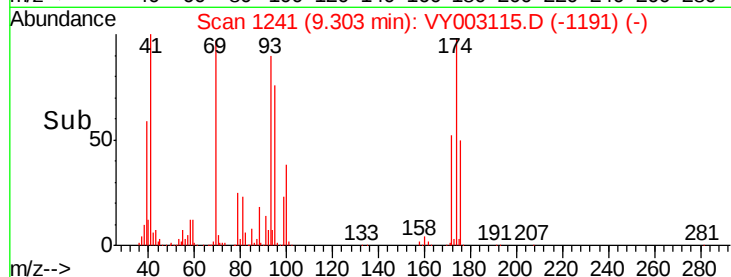
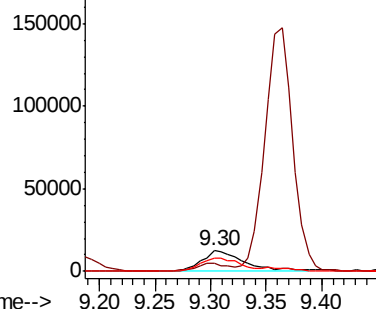
#49
1,4-Dioxane
Concen: 1104.965 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 33459
Ion Ratio Lower Upper
88 100
43 28.3 28.6 42.8#
58 61.7 56.7 85.1

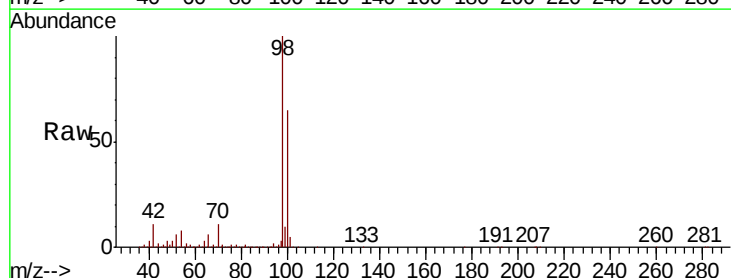


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

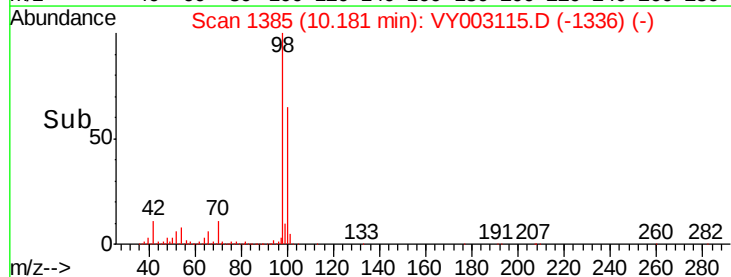
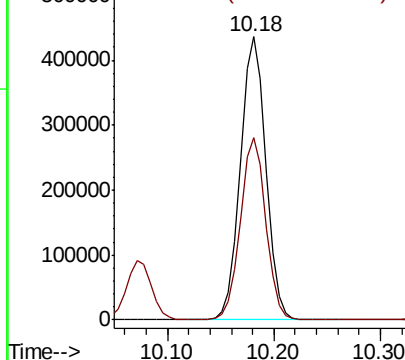


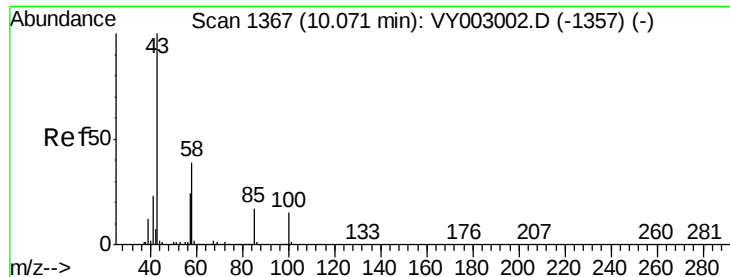
#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 98 Resp: 734343
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 248.146 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

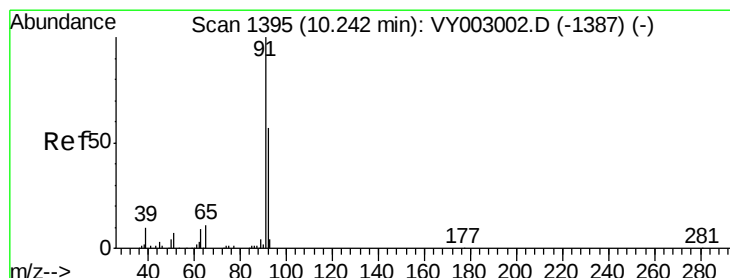
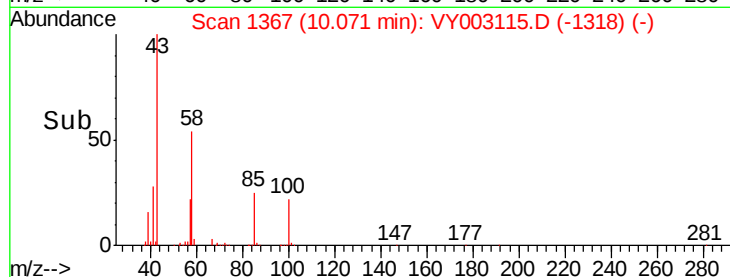
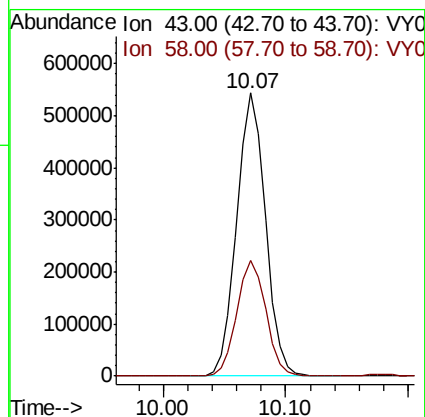
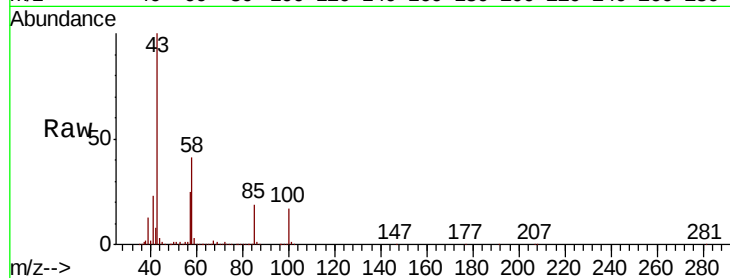
VSTDCCC050EC

Tot Ion: 43 Resp: 883987

Ion Ratio Lower Upper

43 100

58 41.4 31.1 46.7



#52

Toluene

Concen: 49.680 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003115.D

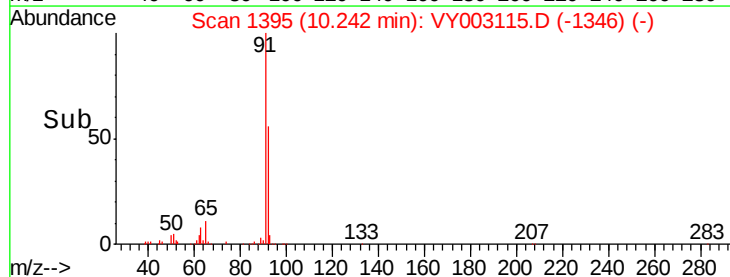
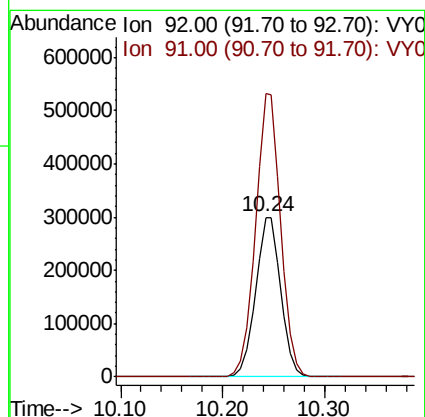
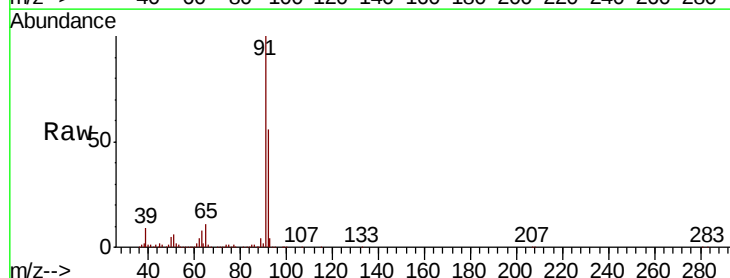
Acq: 06 Jul 2020 16:54

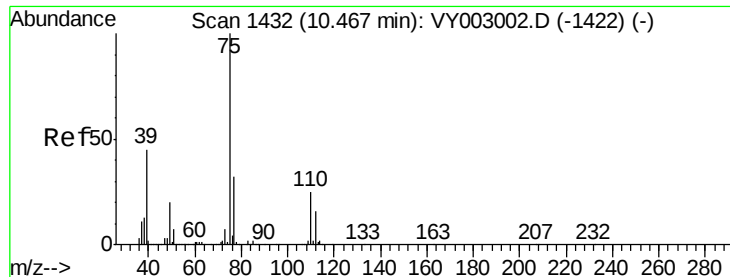
Tgt Ion: 92 Resp: 516287

Ion Ratio Lower Upper

92 100

91 176.8 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.426 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

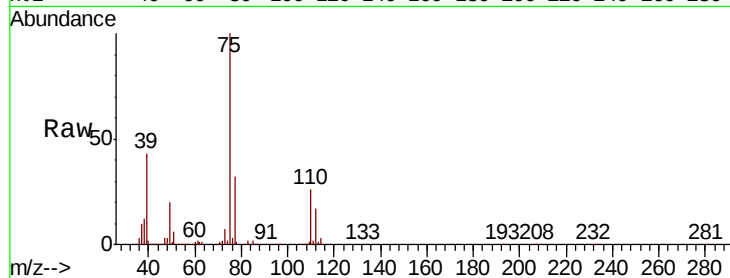
VSTDCCC050EC

Tot Ion: 75 Resp: 321126

Ion Ratio Lower Upper

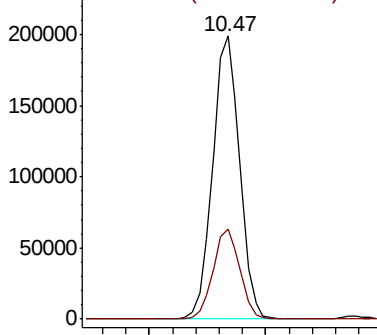
75 100

77 31.7 25.9 38.9

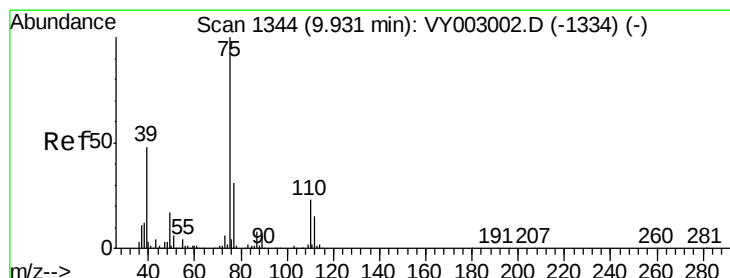
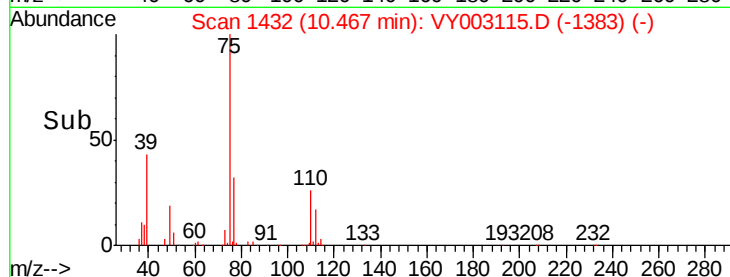


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.226 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

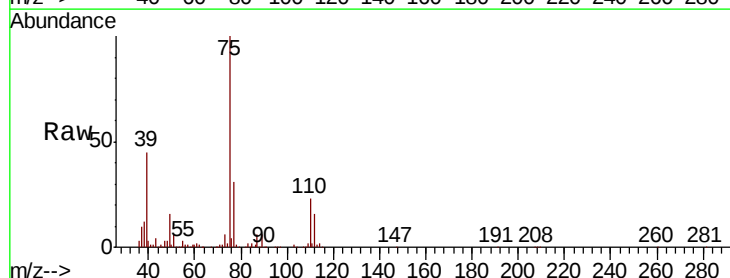
Tgt Ion: 75 Resp: 358515

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

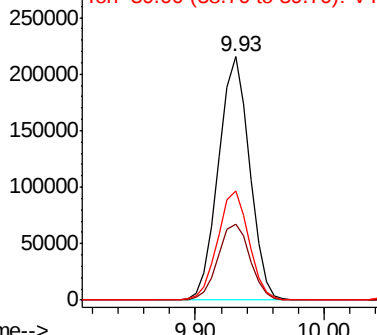
39 44.7 38.3 57.5



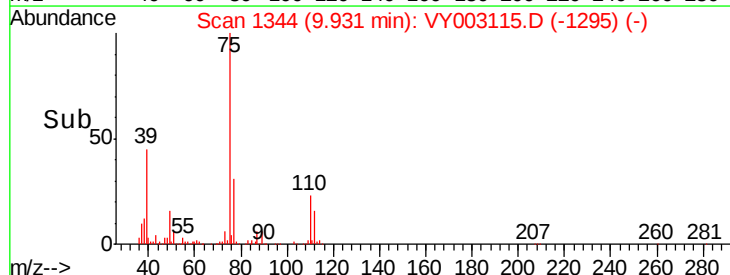
Abundance Ion 74.90 (74.60 to 75.60): VY0

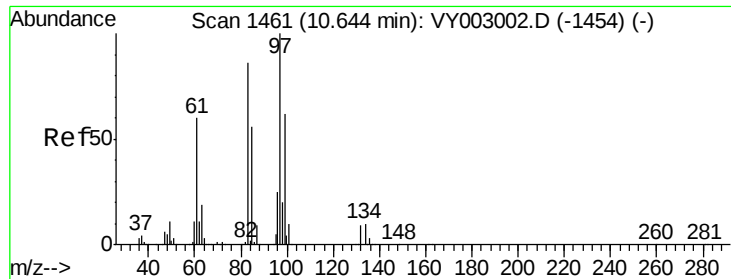
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->

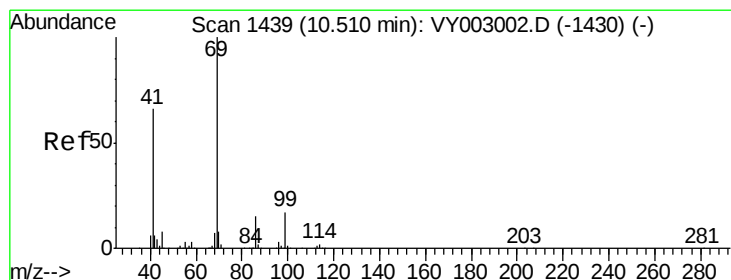
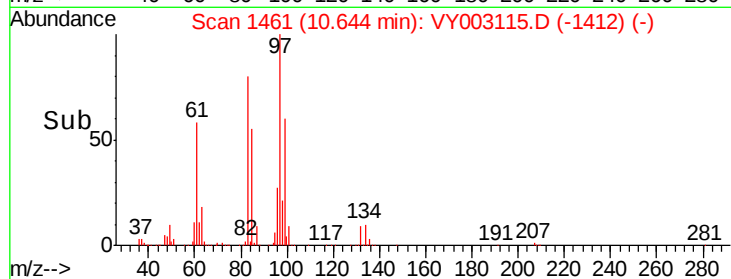
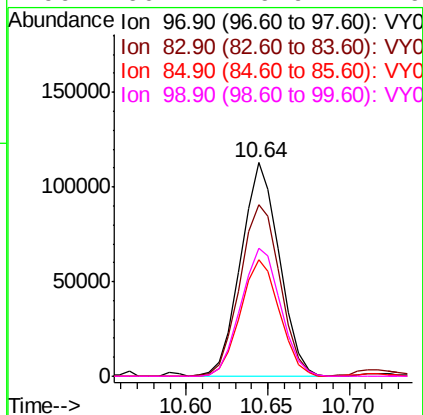
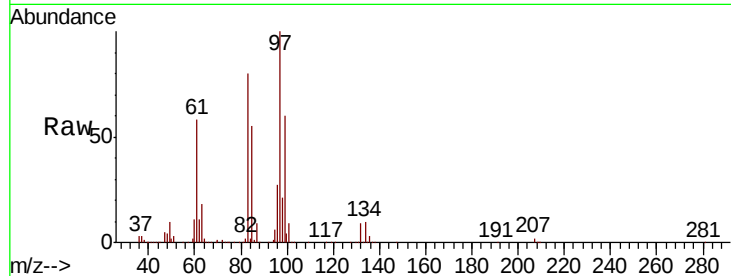




#55
 1,1,2-Trichloroethane
 Concen: 53.768 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

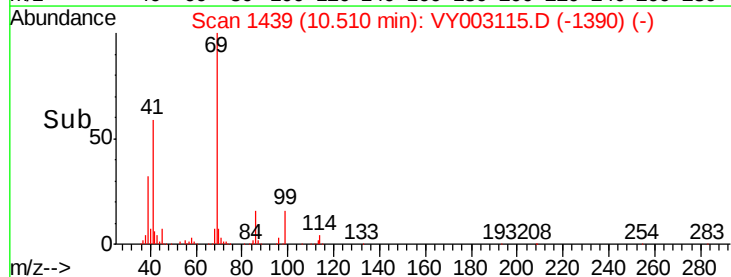
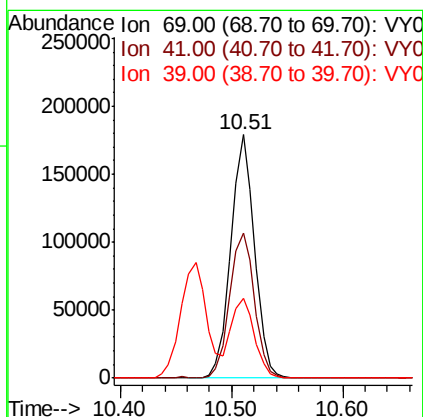
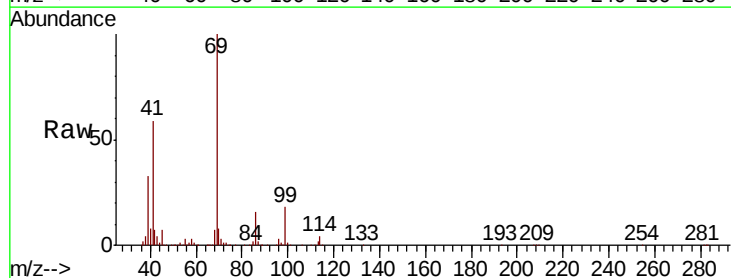
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

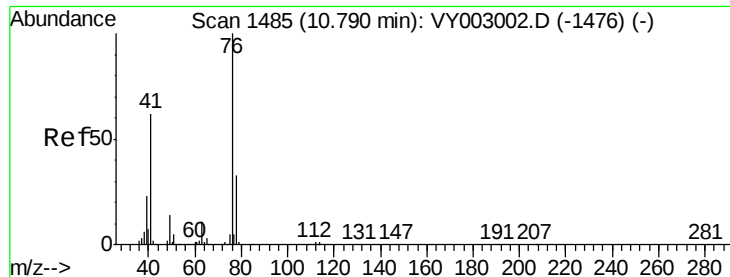
Tot Ion:	97	Resp:	185339
Ion	Ratio	Lower	Upper
97	100		
83	80.2	69.0	103.6
85	54.7	44.8	67.2
99	60.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 52.617 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion:	69	Resp:	262543
Ion	Ratio	Lower	Upper
69	100		
41	62.8	53.7	80.5
39	32.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.500 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

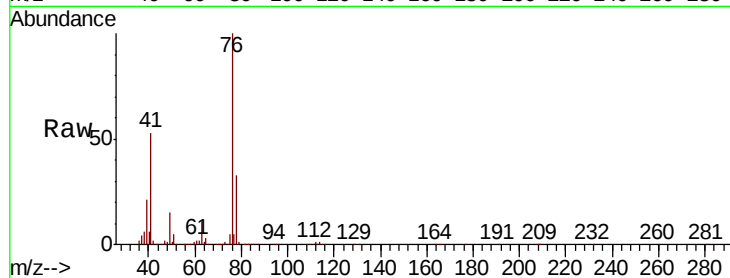
VSTDCCC050EC

Tot Ion: 76 Resp: 311640

Ion Ratio Lower Upper

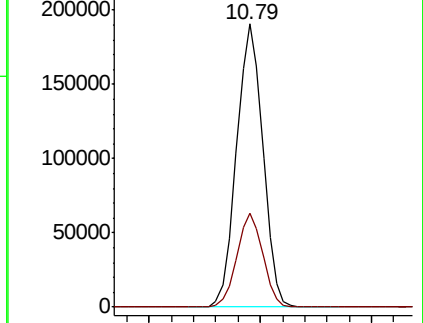
76 100

78 32.5 26.0 39.0

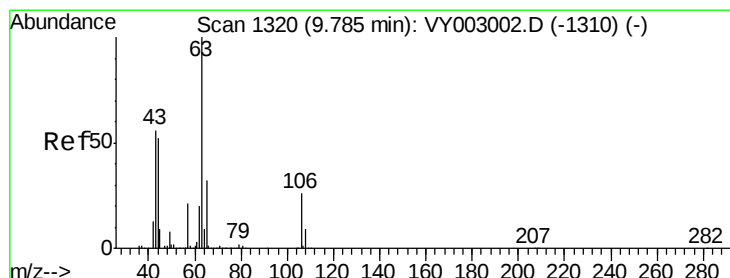
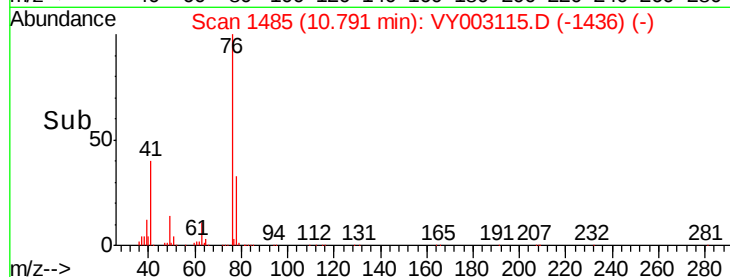


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.732 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003115.D

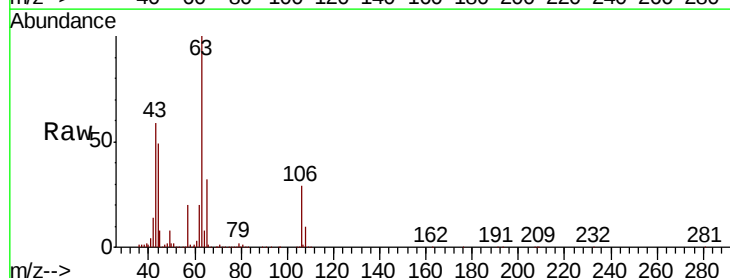
Acq: 06 Jul 2020 16:54

Tgt Ion: 63 Resp: 674915

Ion Ratio Lower Upper

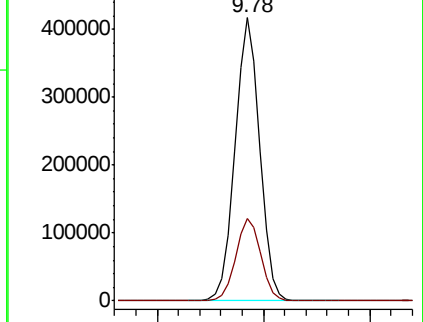
63 100

106 29.4 21.5 32.3

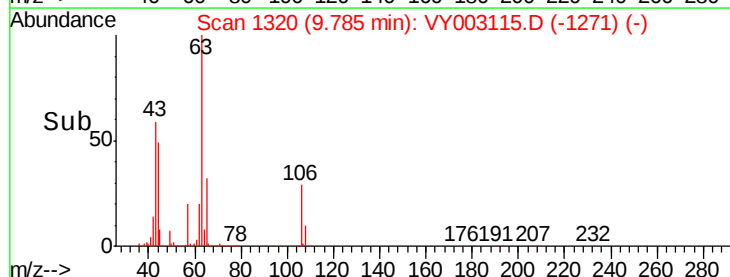


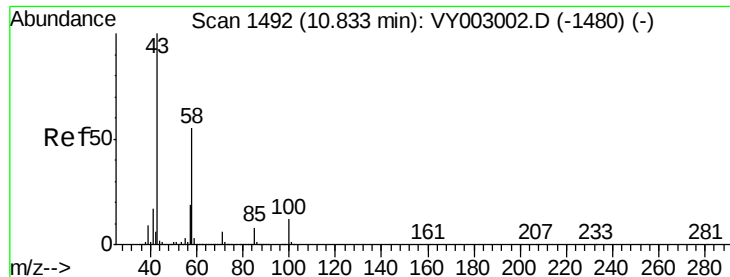
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

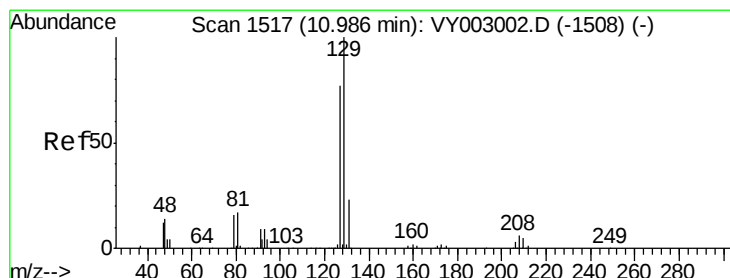
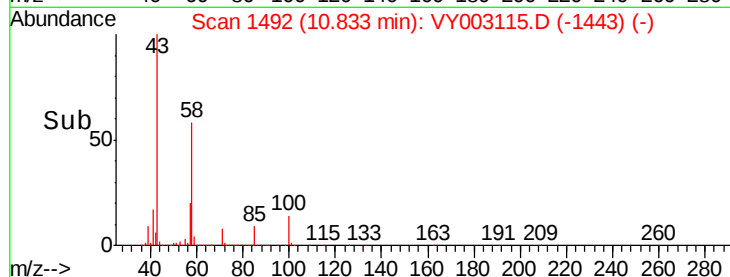
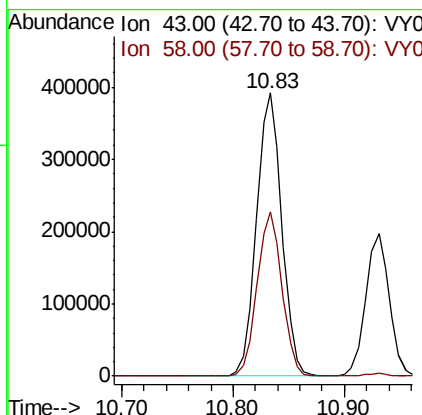
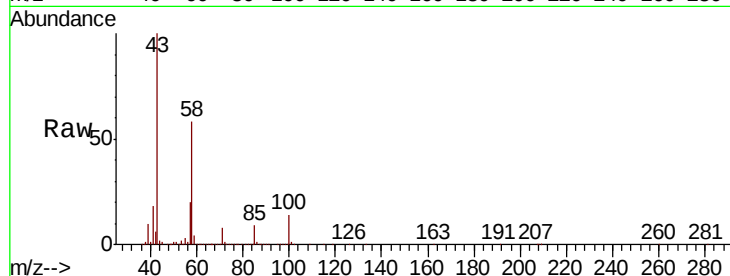




#59
2-Hexanone
Concen: 248.410 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

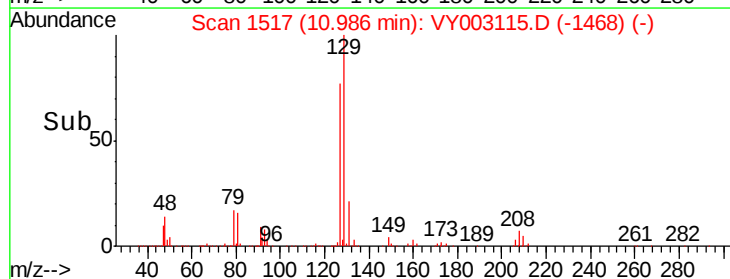
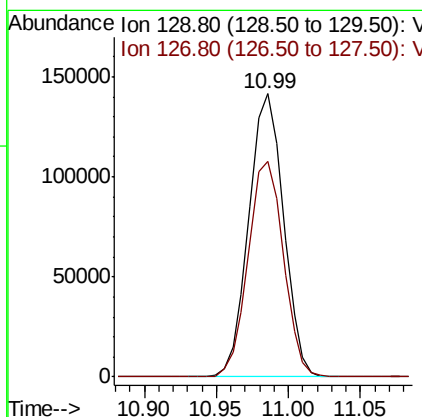
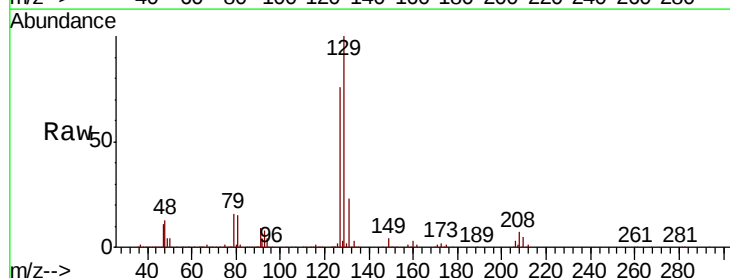
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

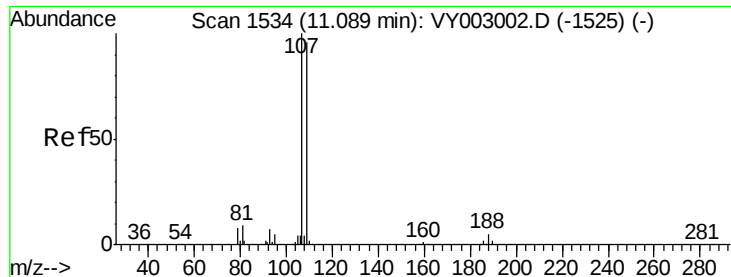
Tot Ion: 43 Resp: 618534
Ion Ratio Lower Upper
43 100
58 57.4 27.5 82.4



#60
Dibromochloromethane
Concen: 53.568 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 129 Resp: 236304
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

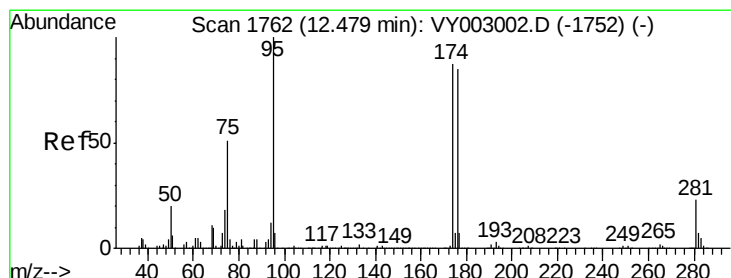
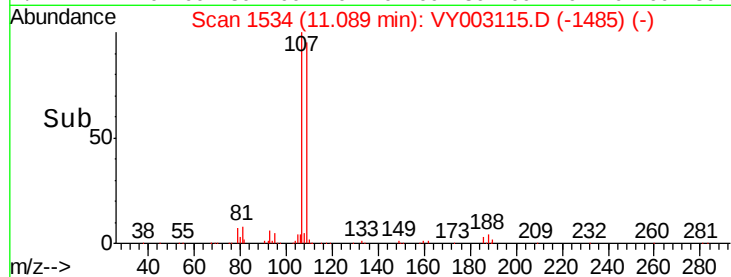
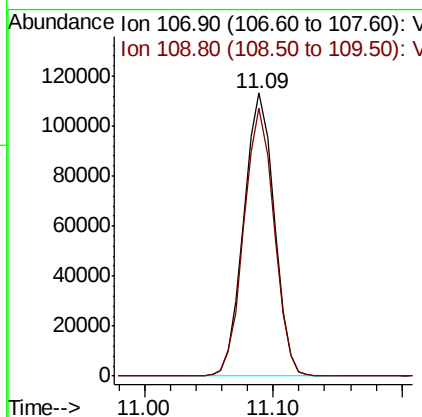
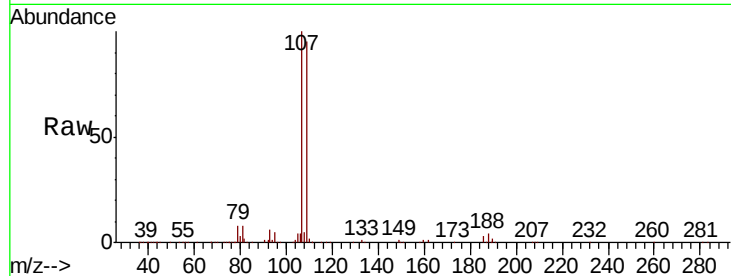




#61
 1,2-Dibromoethane
 Concen: 54.230 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

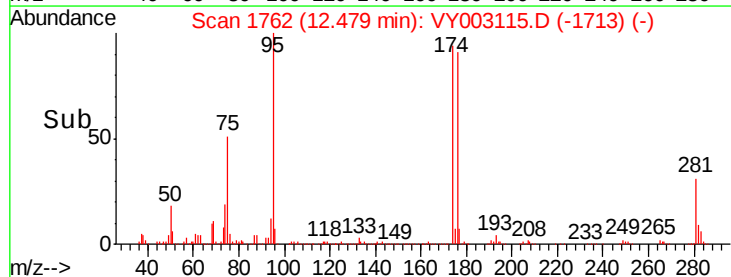
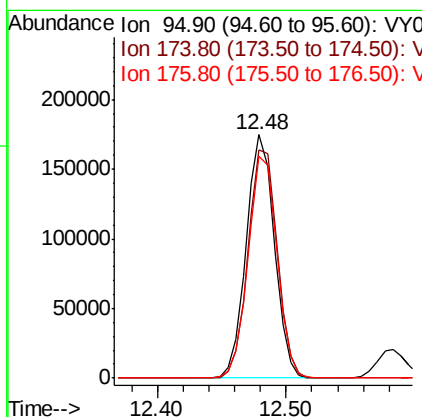
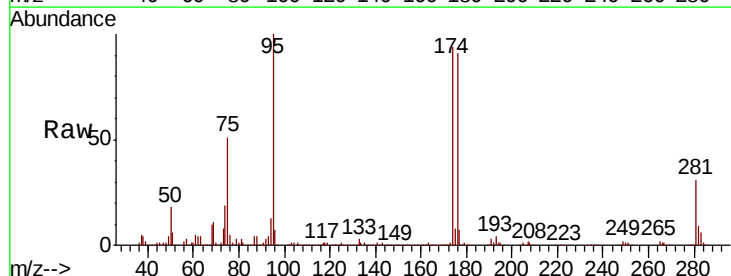
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

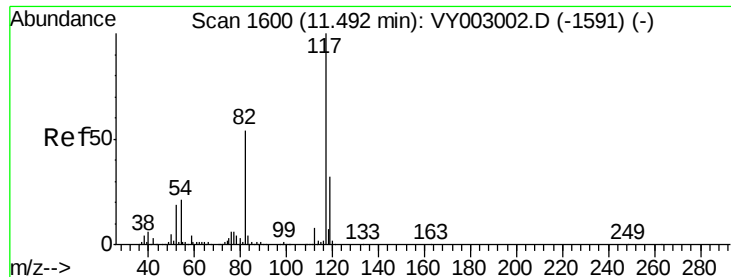
Tot Ion:107 Resp: 184289
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.256 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 95 Resp: 262488
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 184.8
 176 93.3 0.0 183.0

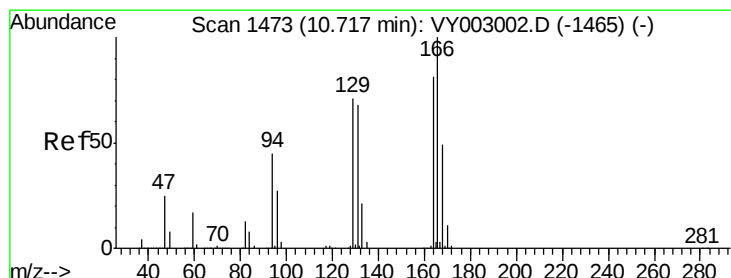
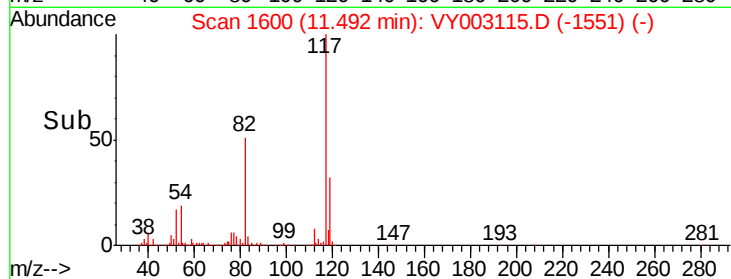
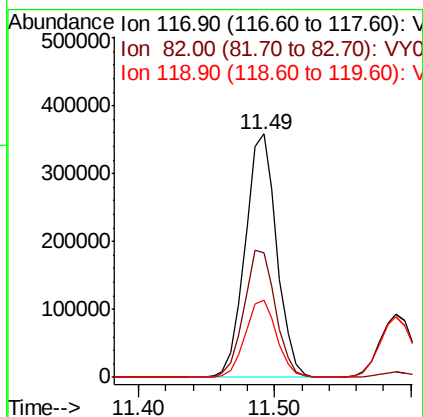
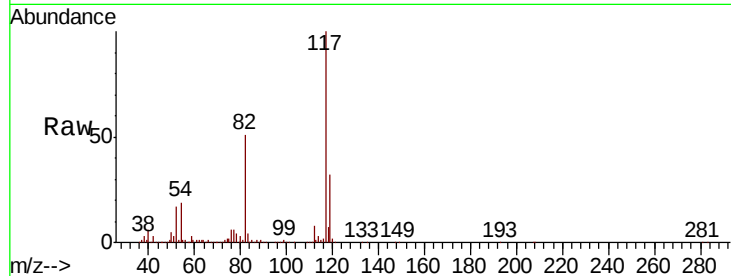




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

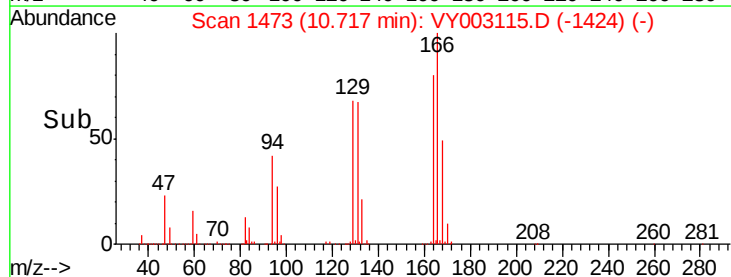
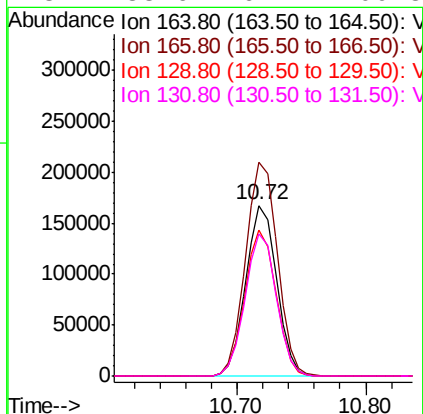
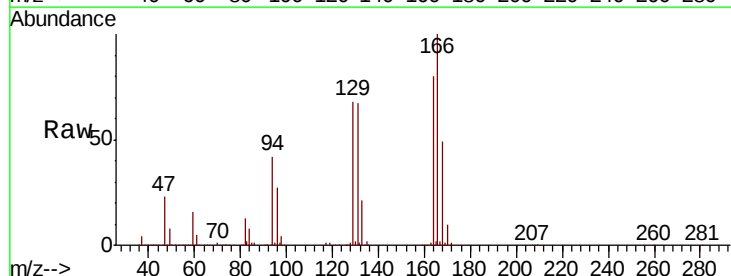
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

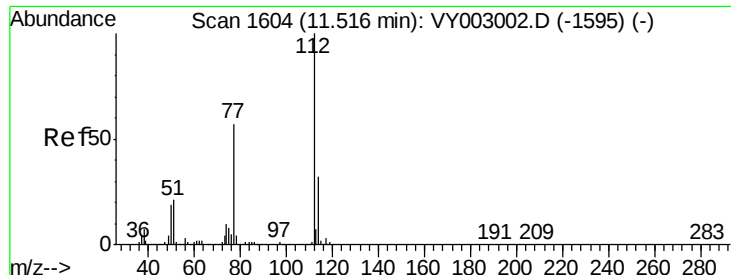
Tot Ion:117 Resp: 580028
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.6
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 56.592 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:164 Resp: 277812
Ion Ratio Lower Upper
164 100
166 125.3 98.5 147.7
129 85.6 69.7 104.5
131 83.6 67.2 100.8

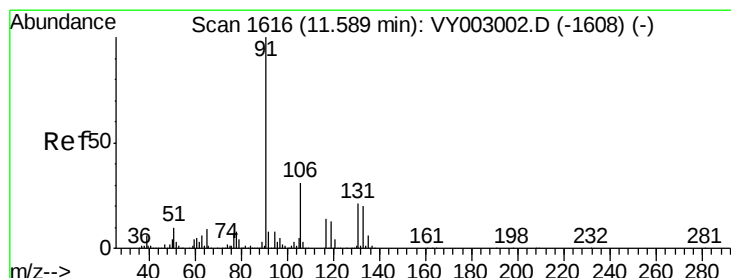
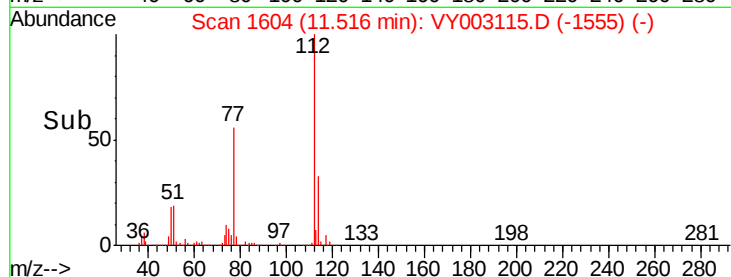
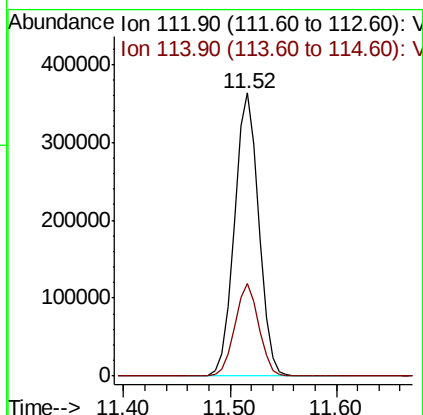
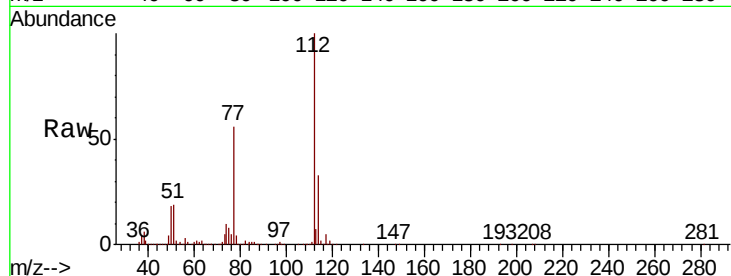




#65
Chlorobenzene
Concen: 50.828 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

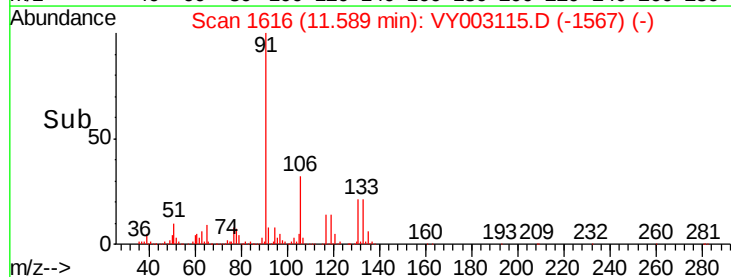
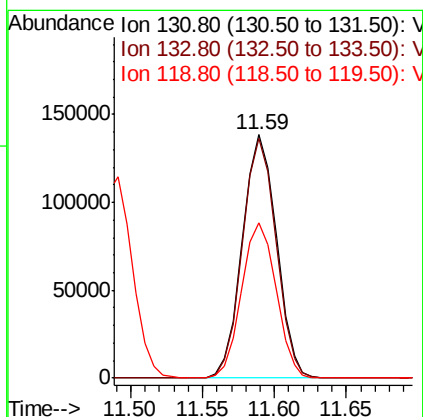
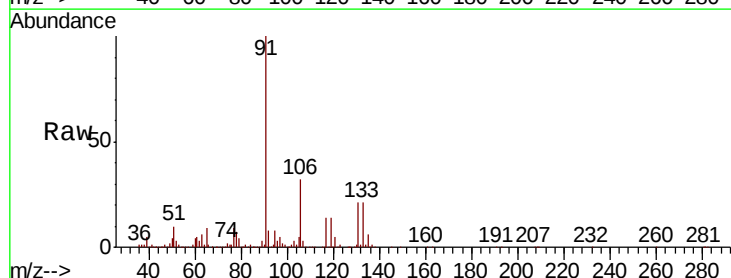
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

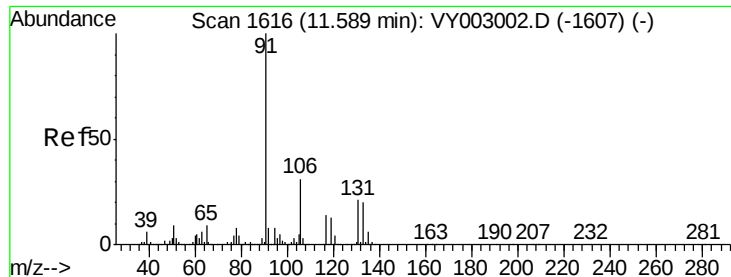
Tot Ion:112 Resp: 581318
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.082 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:131 Resp: 228095
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.8
119 64.5 31.8 95.3





#67

Ethyl Benzene

Concen: 49.495 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

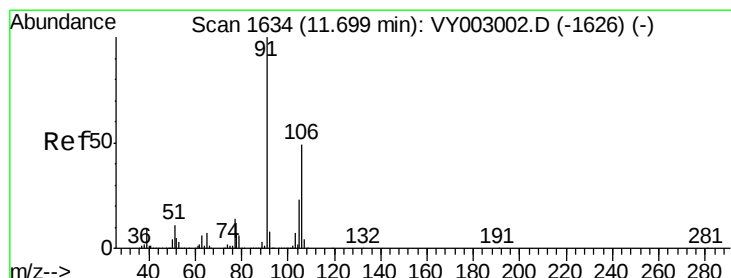
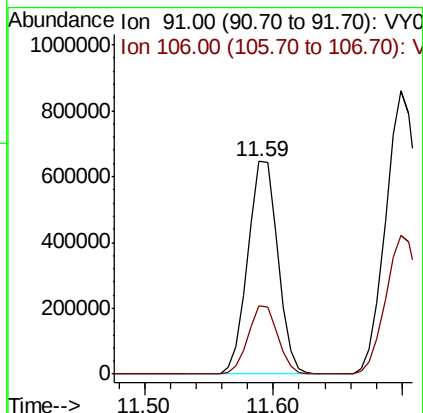
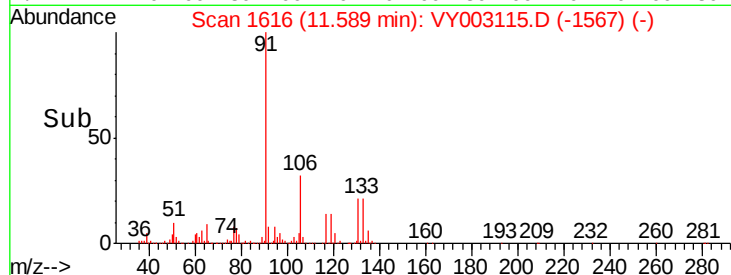
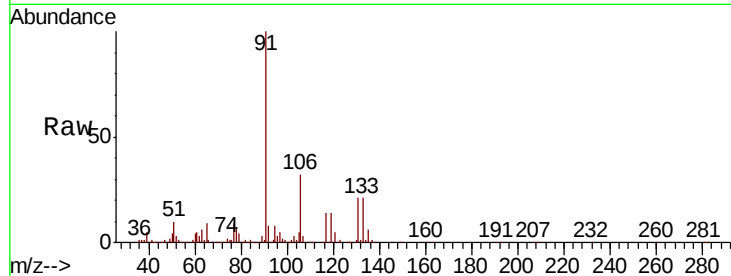
VSTDCCC050EC

Tot Ion: 91 Resp: 1035611

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 100.042 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003115.D

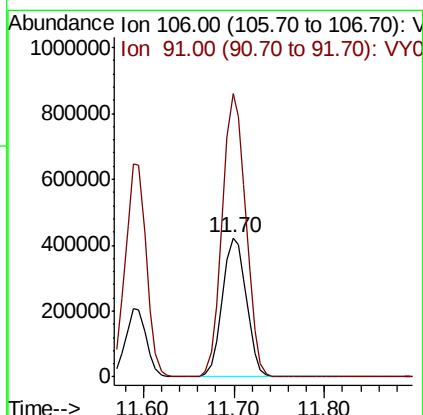
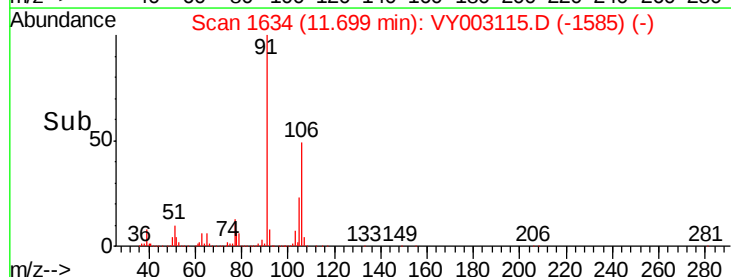
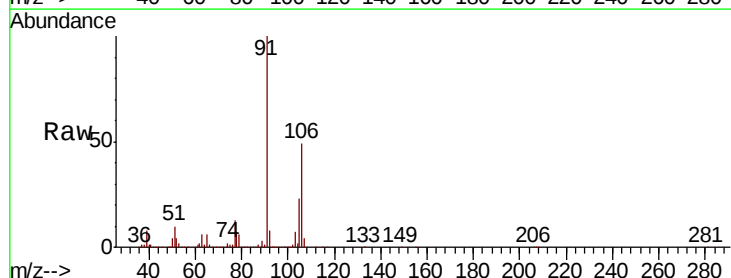
Acq: 06 Jul 2020 16:54

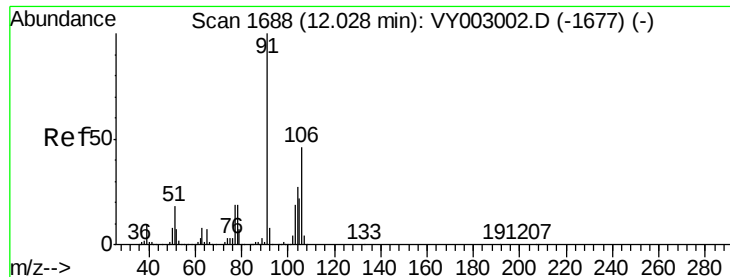
Tgt Ion: 106 Resp: 779052

Ion Ratio Lower Upper

106 100

91 200.4 161.9 242.9

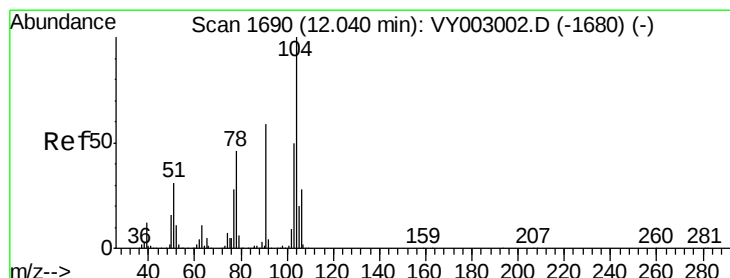
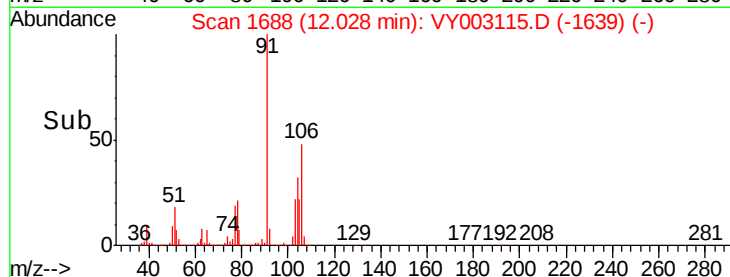
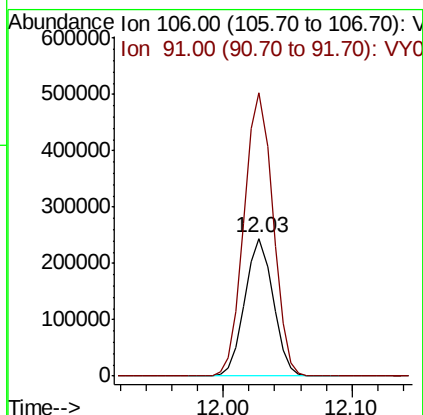
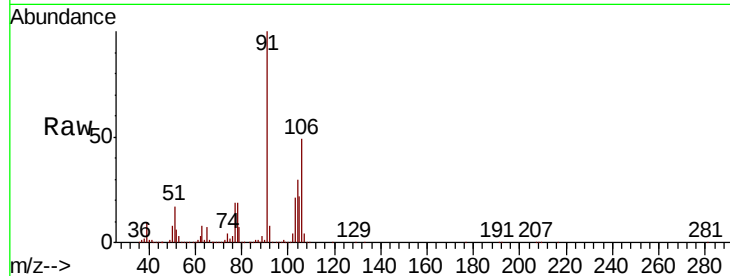




#69
o-Xylene
Concen: 50.653 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

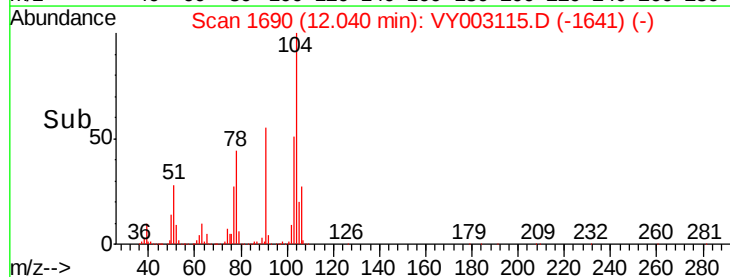
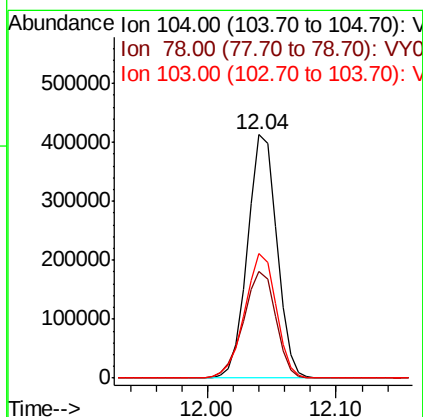
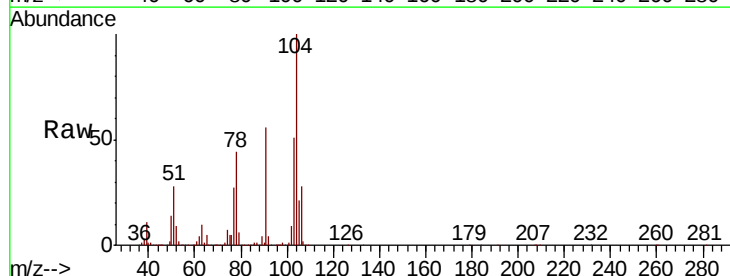
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

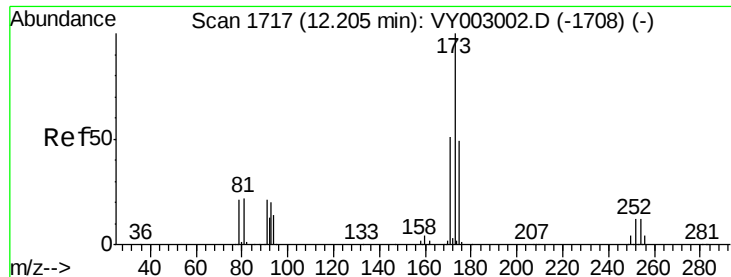
Tot Ion:106 Resp: 371701
Ion Ratio Lower Upper
106 100
91 210.3 107.9 323.8



#70
Styrene
Concen: 51.693 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:104 Resp: 648045
Ion Ratio Lower Upper
104 100
78 48.4 40.4 60.6
103 55.1 44.1 66.1

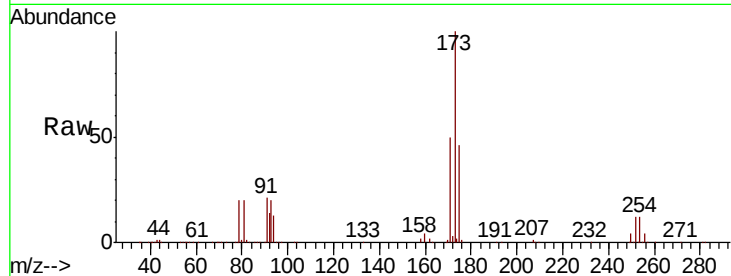




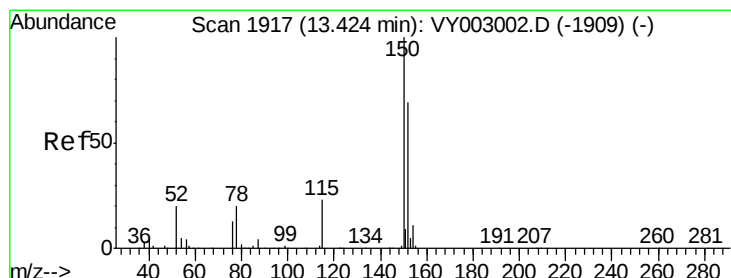
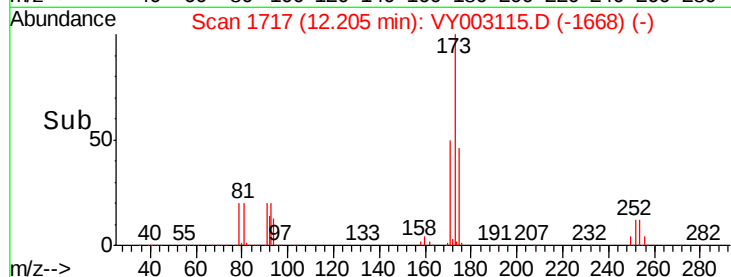
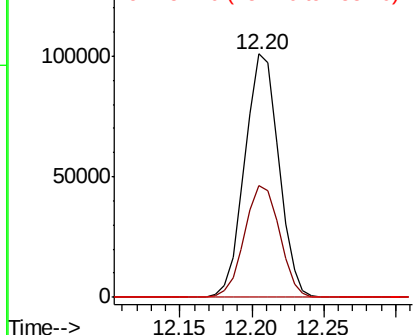
#71
Bromoform
Concen: 55.495 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 165233
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.2 0.2 0.2

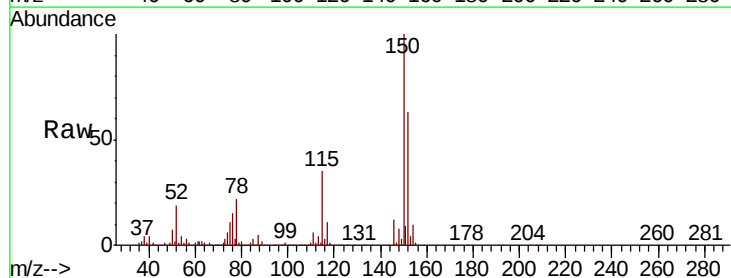


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

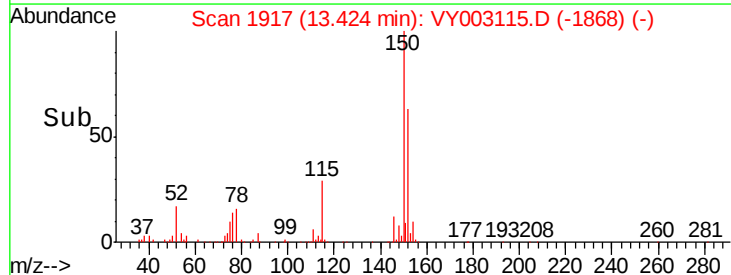
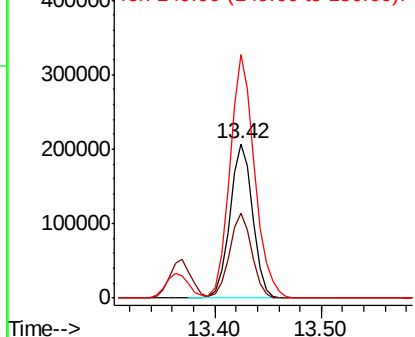


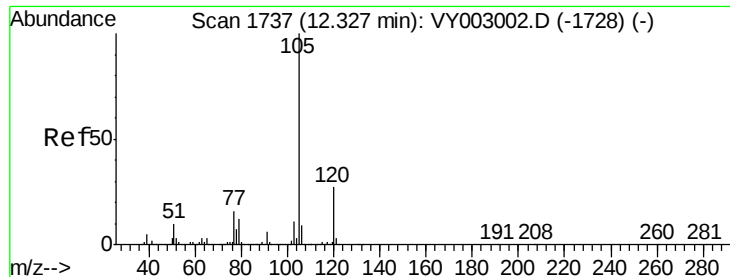
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:152 Resp: 308810
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 171.6 0.0 343.4



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: 50.133 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

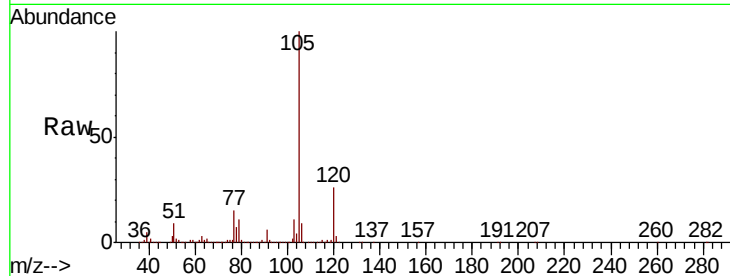
VSTDCCC050EC

Tot Ion:105 Resp: 1013195

Ion Ratio Lower Upper

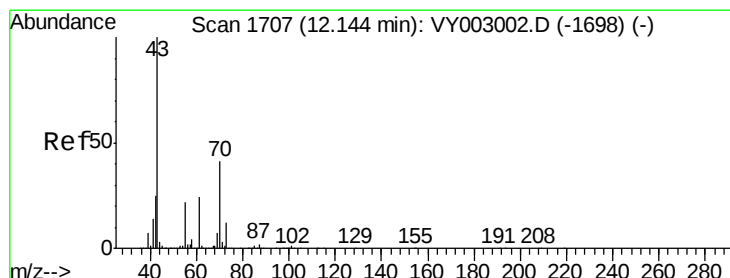
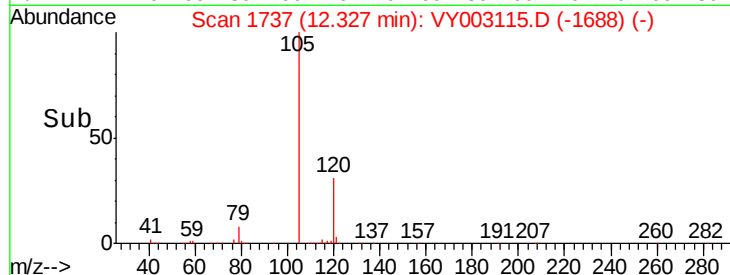
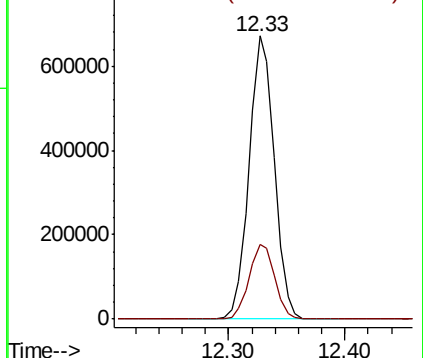
105 100

120 27.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.055 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Tgt Ion: 43 Resp: 316174

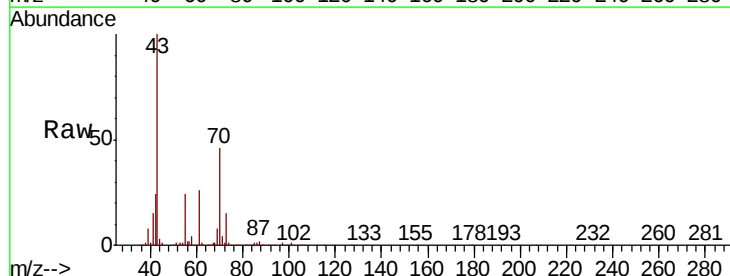
Ion Ratio Lower Upper

43 100

70 45.9 33.0 49.4

55 24.1 18.2 27.2

61 25.3 19.4 29.2

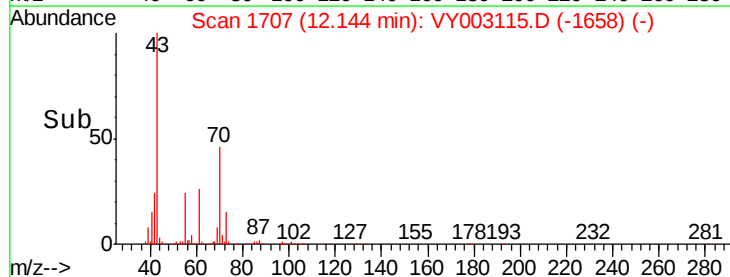
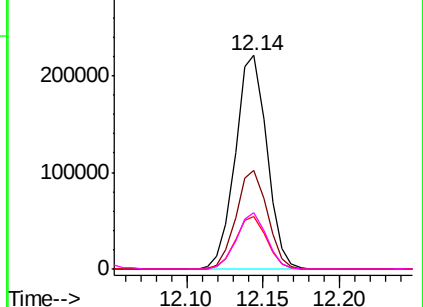


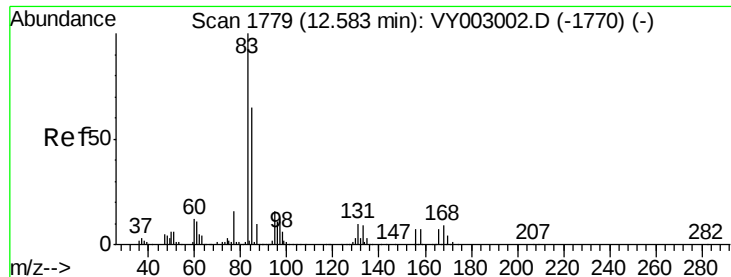
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.169 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

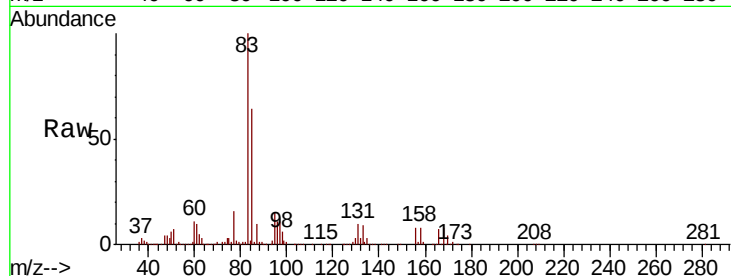
Tot Ion: 83 Resp: 204617

Ion Ratio Lower Upper

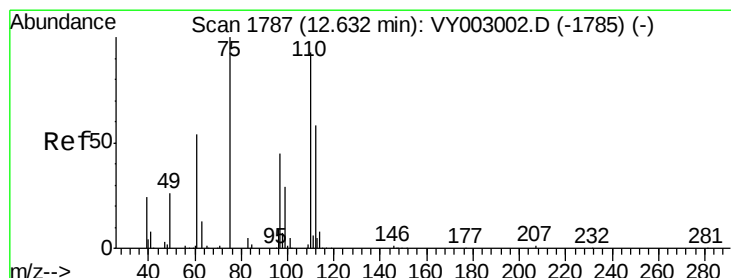
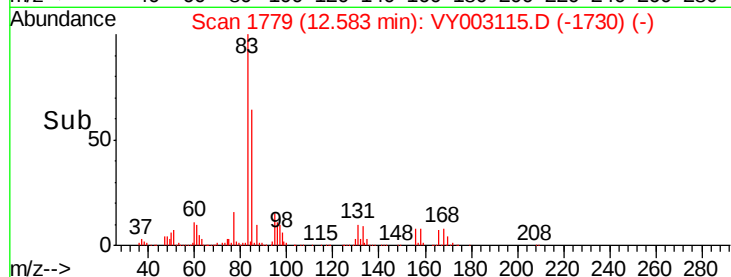
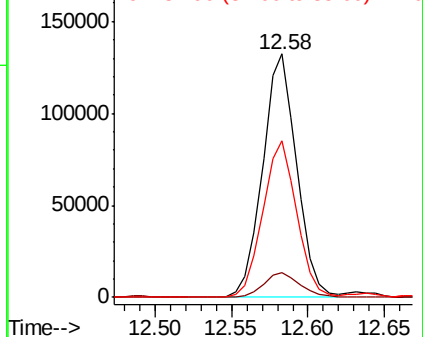
83 100

131 10.9 5.3 16.1

85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 97.001 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003115.D

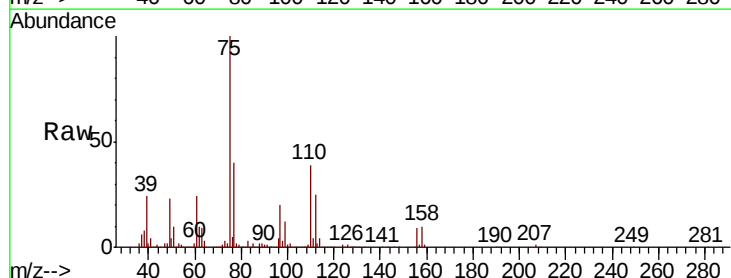
Acq: 06 Jul 2020 16:54

Tgt Ion: 75 Resp: 296461

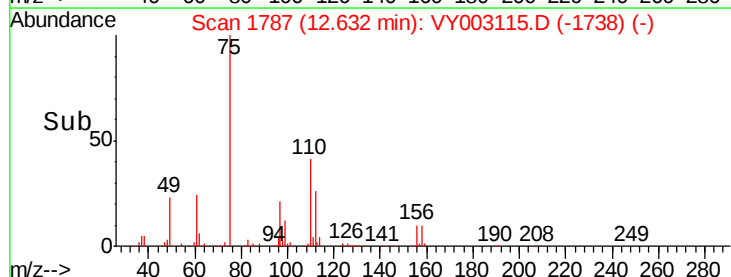
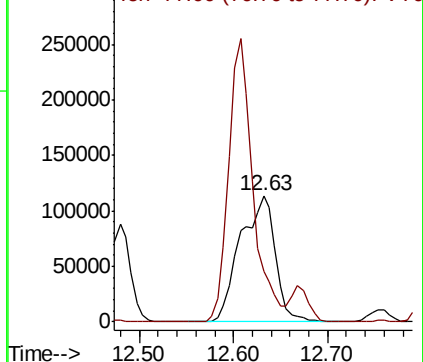
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.606 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

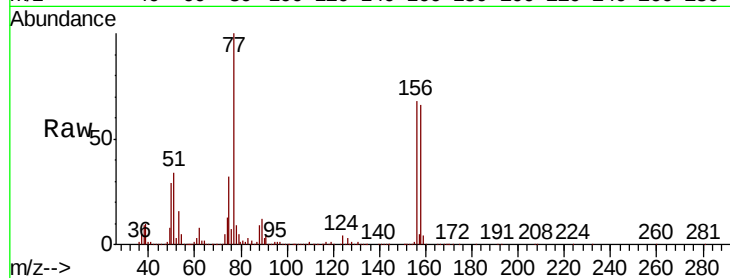
Tot Ion:156 Resp: 267418

Ion Ratio Lower Upper

156 100

77 170.5 90.0 270.0

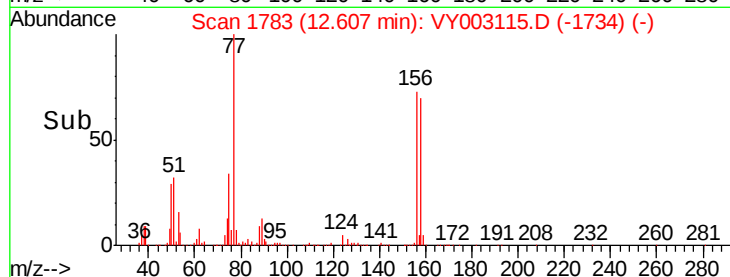
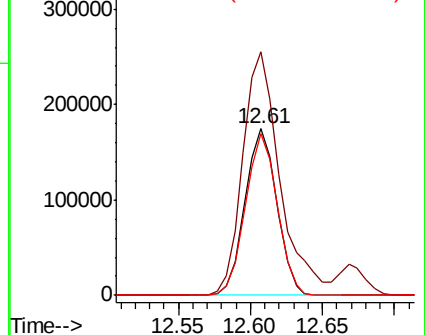
158 96.7 48.5 145.5



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: 48.899 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003115.D

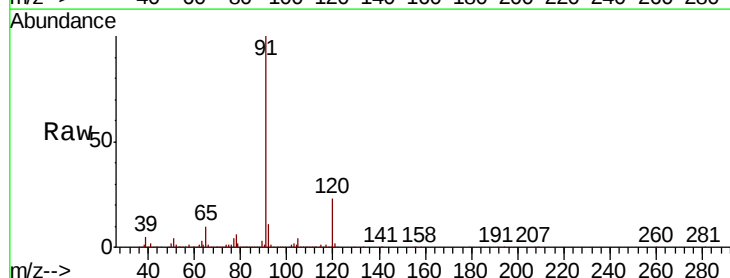
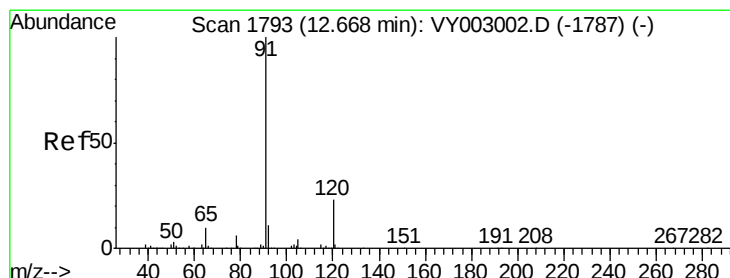
Acq: 06 Jul 2020 16:54

Tgt Ion: 91 Resp: 1188531

Ion Ratio Lower Upper

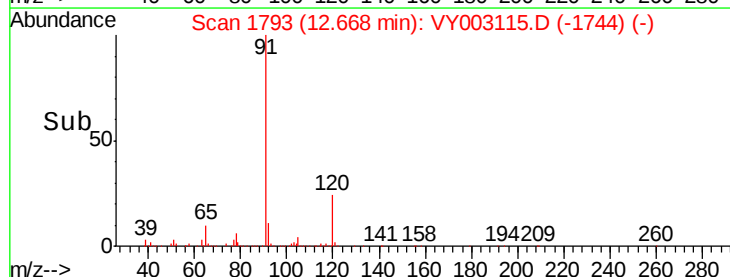
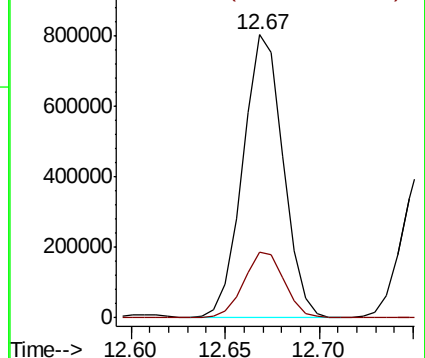
91 100

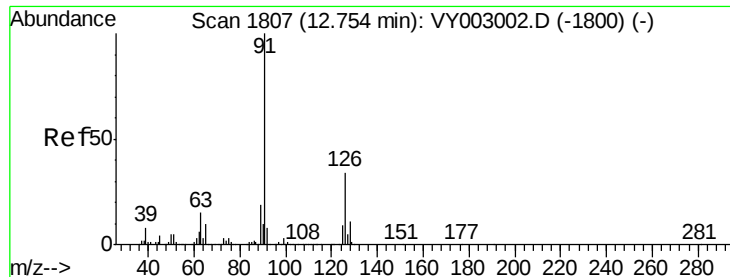
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

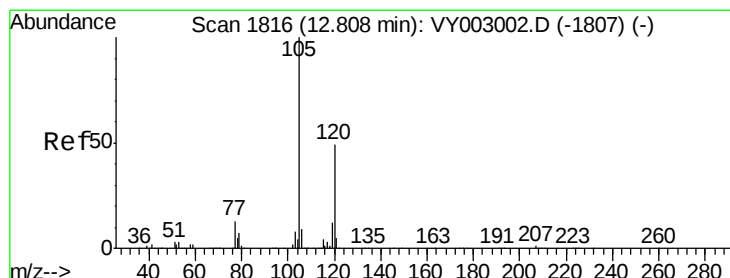
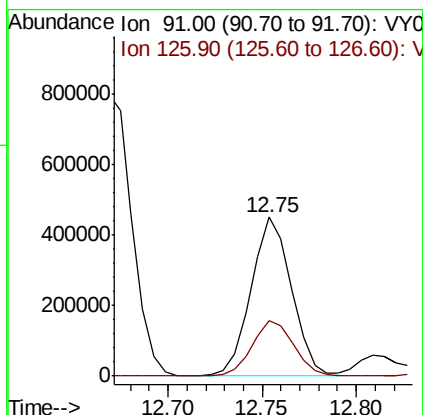
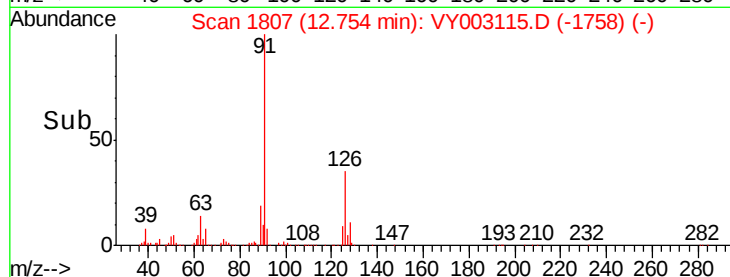
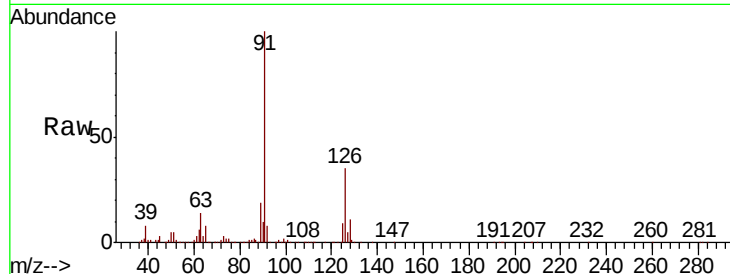




#79
 2-Chlorotoluene
 Concen: 49.417 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

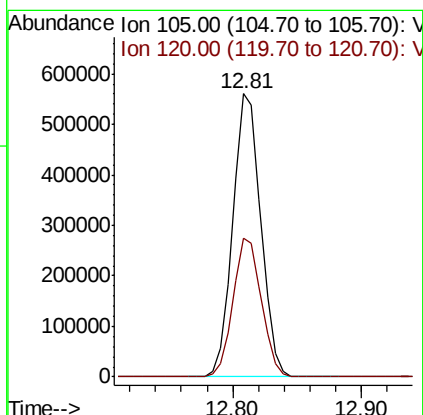
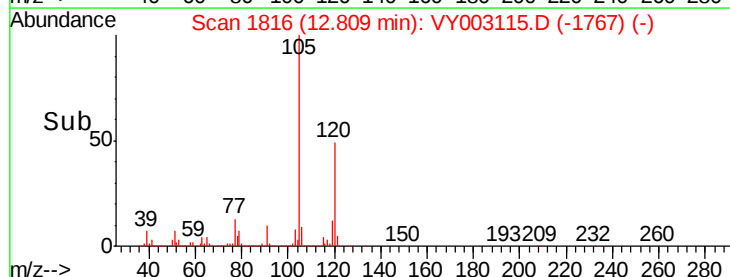
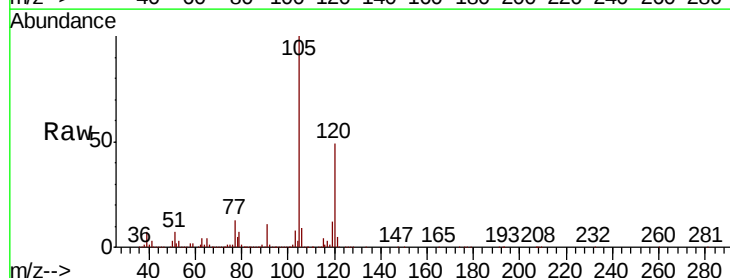
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

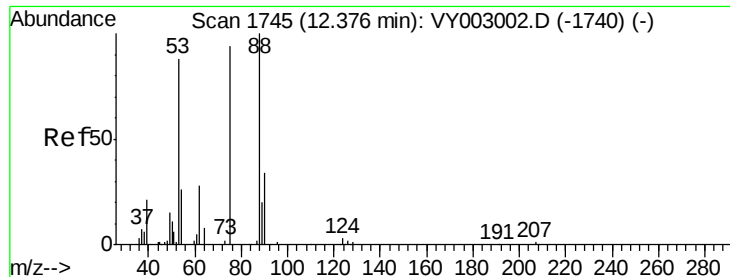
Tot Ion: 91 Resp: 670430
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.826 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion: 105 Resp: 845024
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.972 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

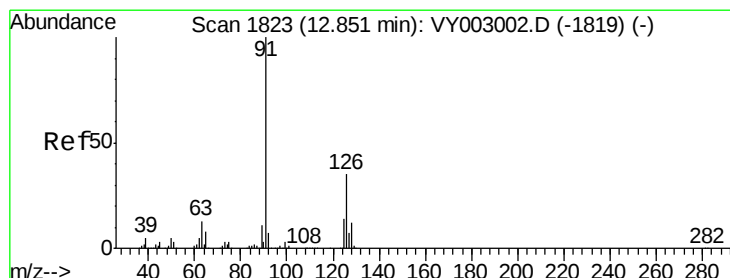
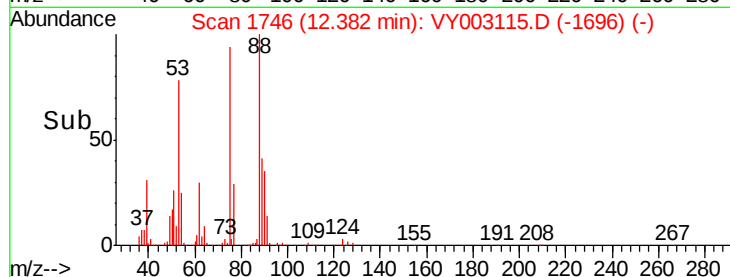
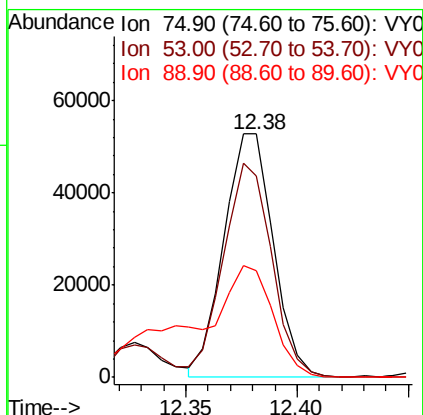
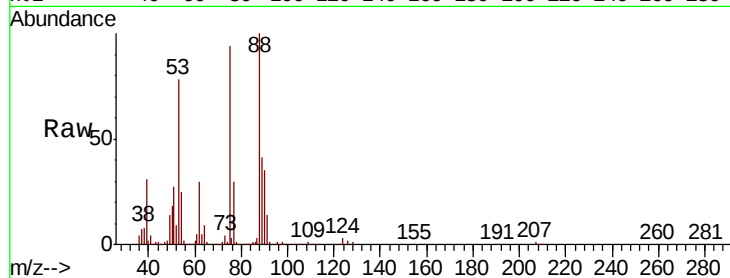
Tot Ion: 75 Resp: 81641

Ion Ratio Lower Upper

75 100

53 86.6 73.9 110.9

89 78.9 37.5 56.3#



#82

4-Chlorotoluene

Concen: 49.314 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003115.D

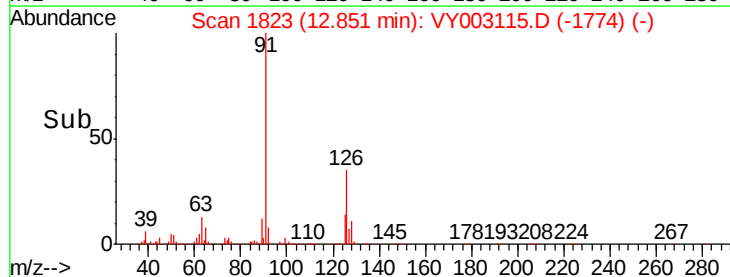
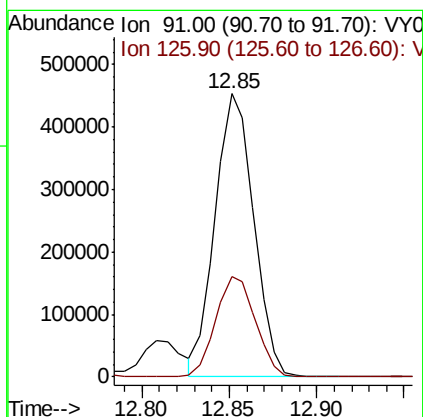
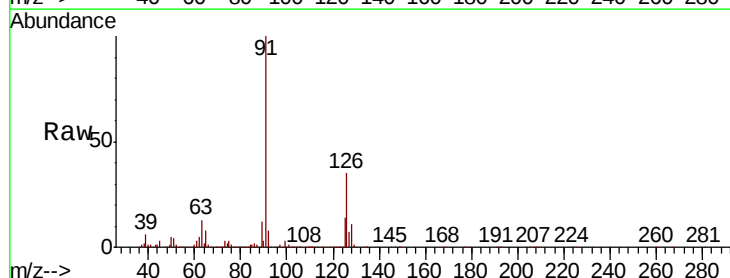
Acq: 06 Jul 2020 16:54

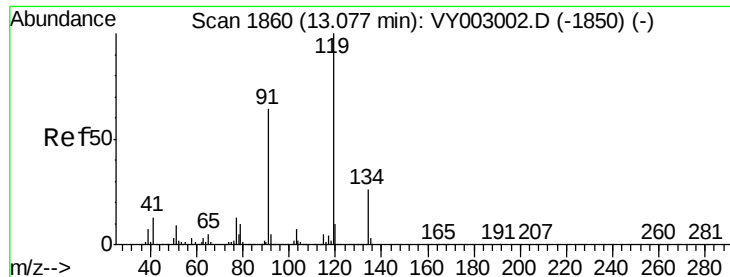
Tgt Ion: 91 Resp: 696571

Ion Ratio Lower Upper

91 100

126 36.3 17.4 52.3

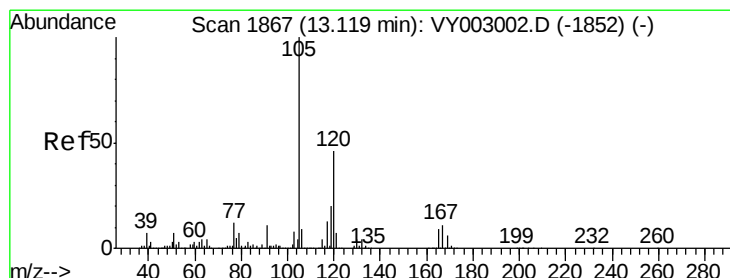
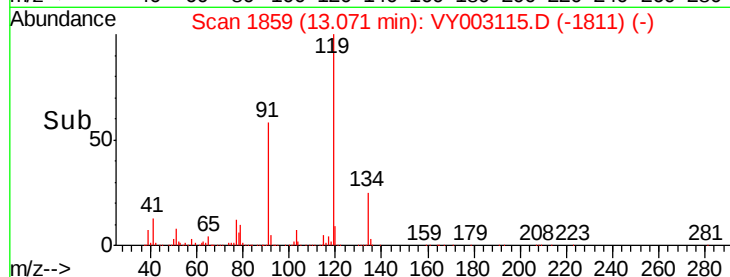
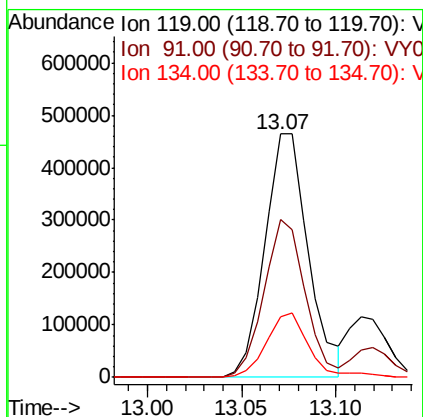
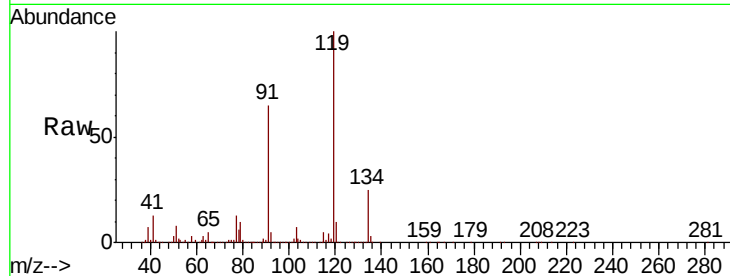




#83
tert-Butylbenzene
Concen: 49.909 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

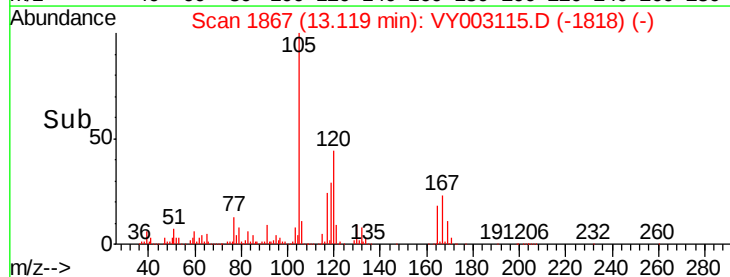
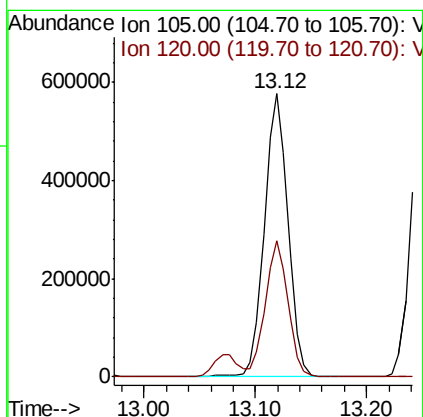
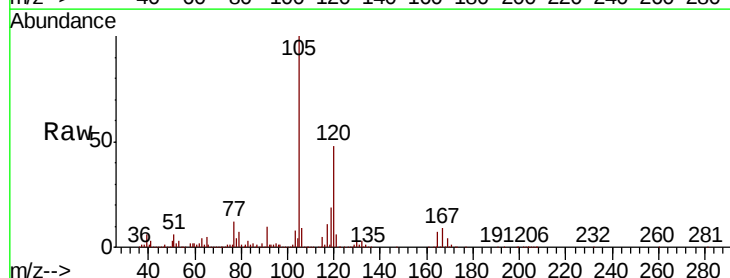
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

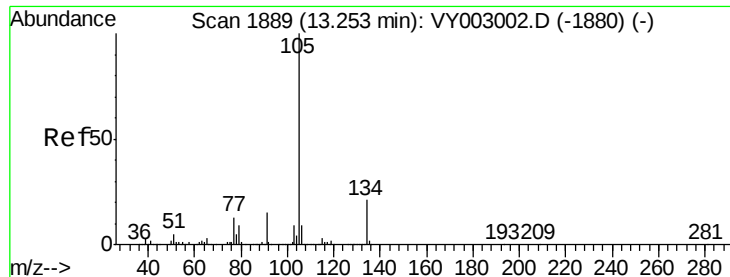
Tot Ion:119 Resp: 743229
Ion Ratio Lower Upper
119 100
91 61.3 31.6 95.0
134 26.1 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 49.947 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:105 Resp: 853545
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8





#85

sec-Butylbenzene

Concen: 49.793 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

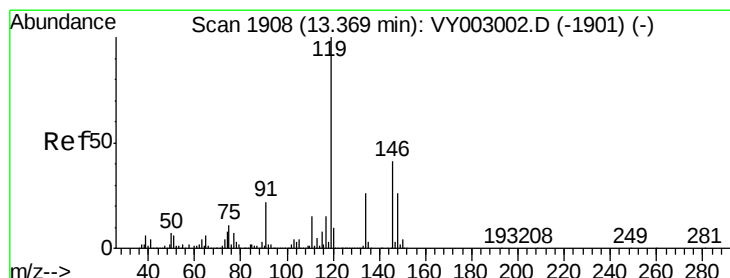
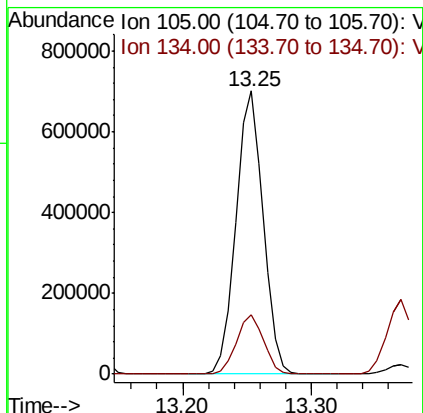
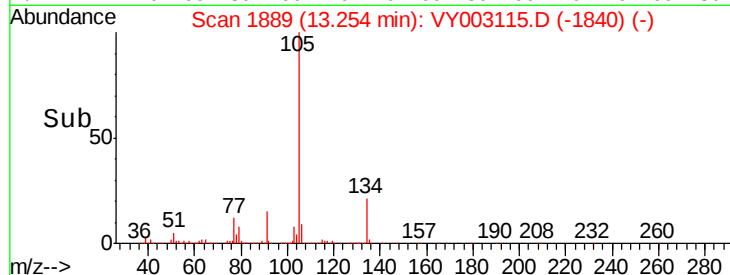
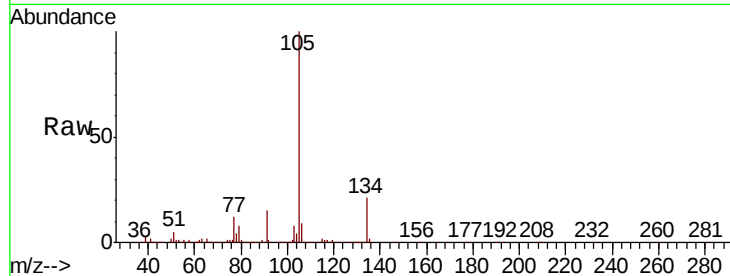
VSTDCCC050EC

Tot Ion:105 Resp: 1022047

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 49.994 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

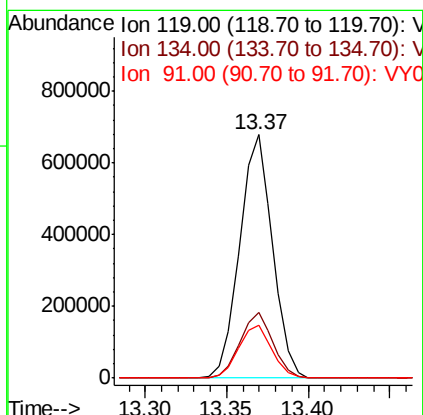
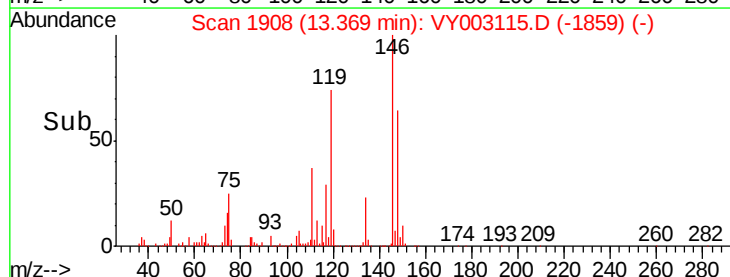
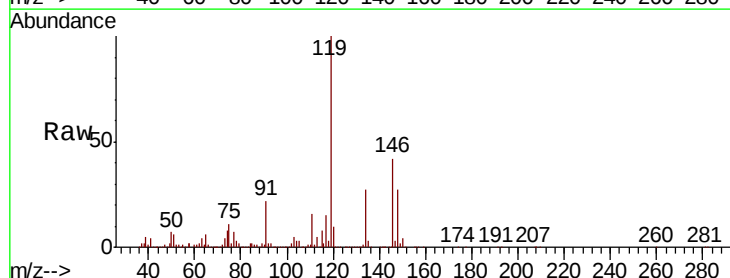
Tgt Ion:119 Resp: 950857

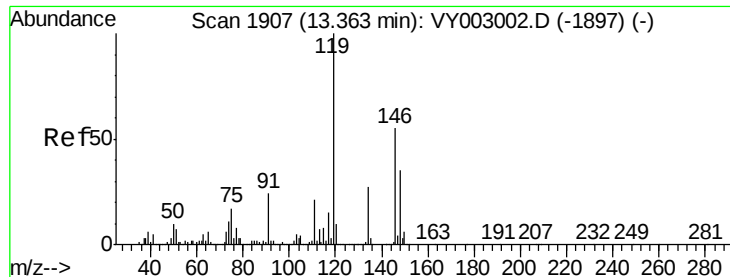
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 21.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 51.005 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

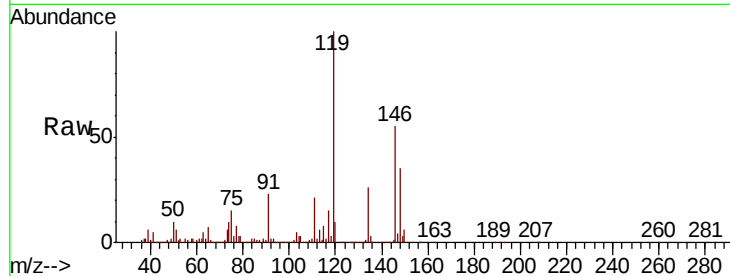
Tot Ion:146 Resp: 493447

Ion Ratio Lower Upper

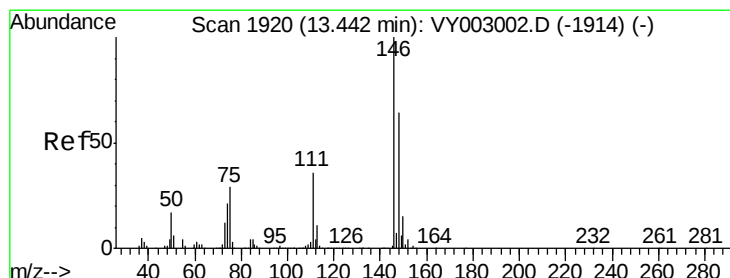
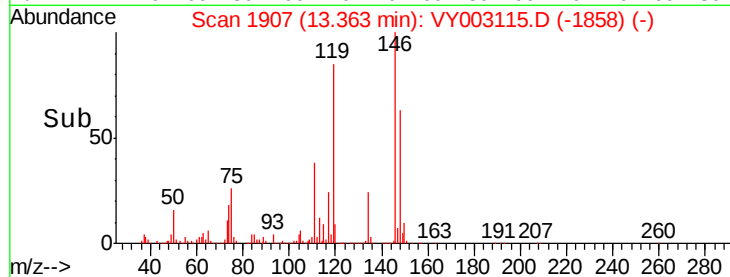
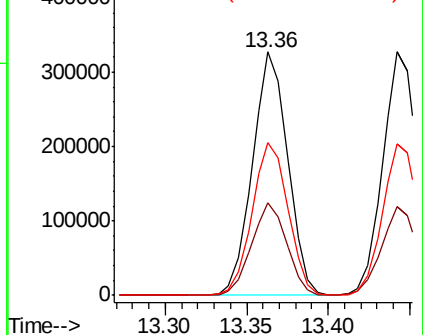
146 100

111 37.6 18.8 56.3

148 63.9 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 51.335 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

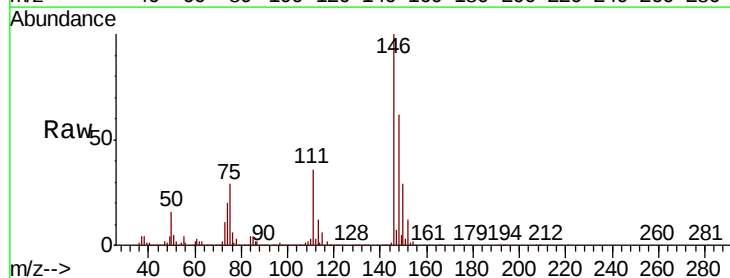
Tgt Ion:146 Resp: 489719

Ion Ratio Lower Upper

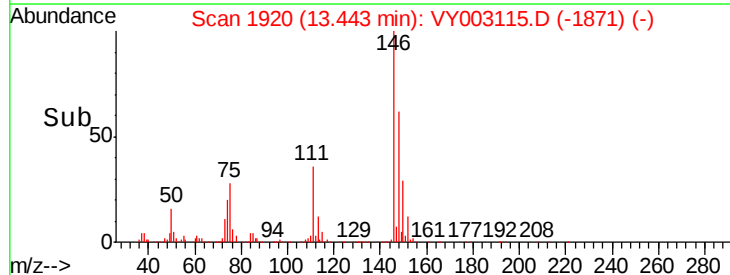
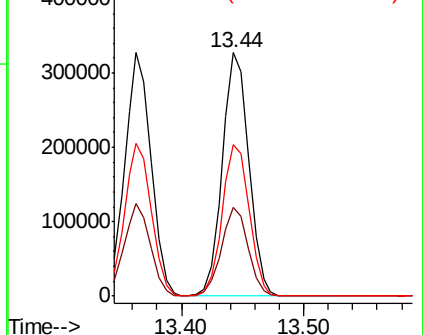
146 100

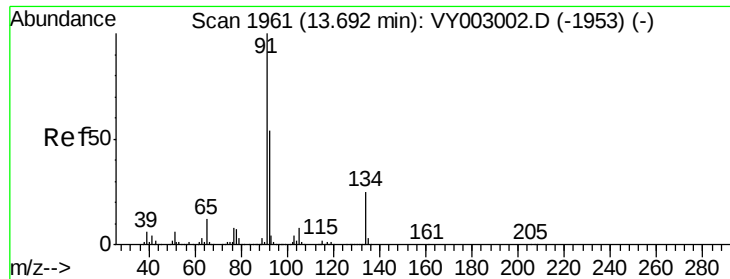
111 36.6 18.4 55.4

148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

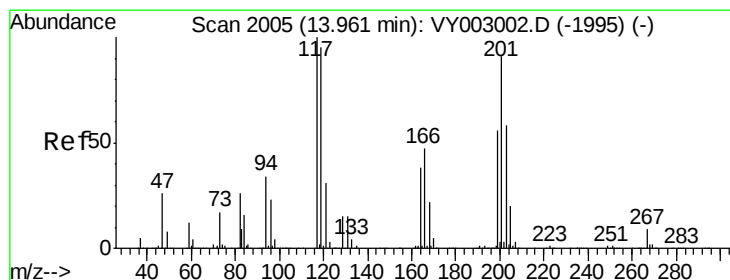
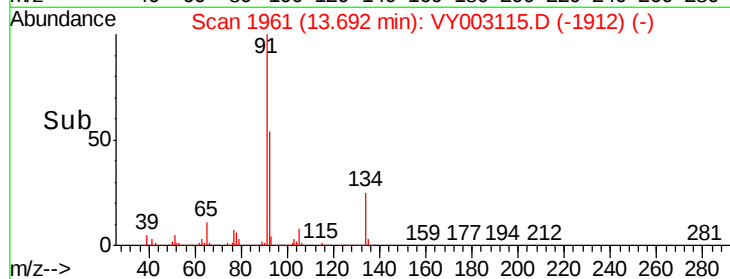
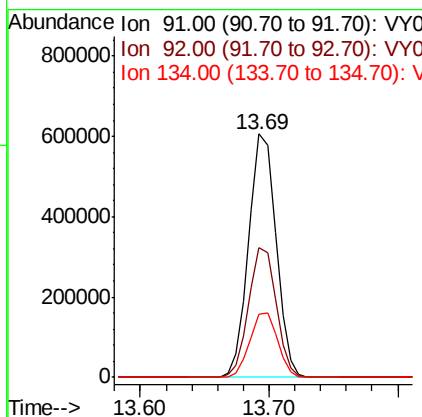
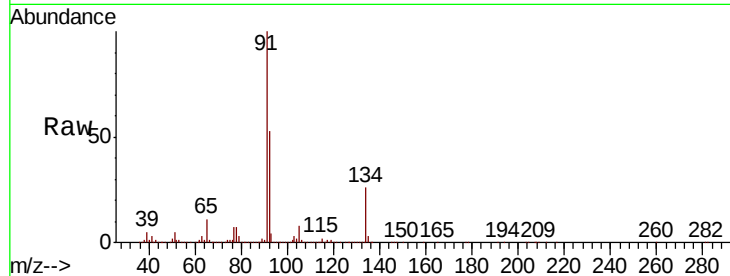




#89
n-Butylbenzene
Concen: 48.865 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

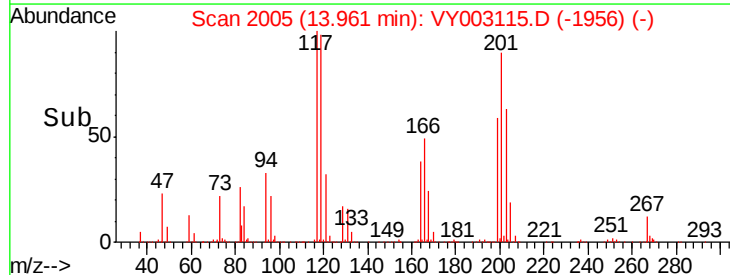
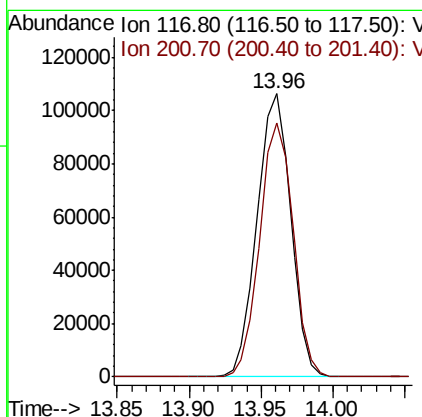
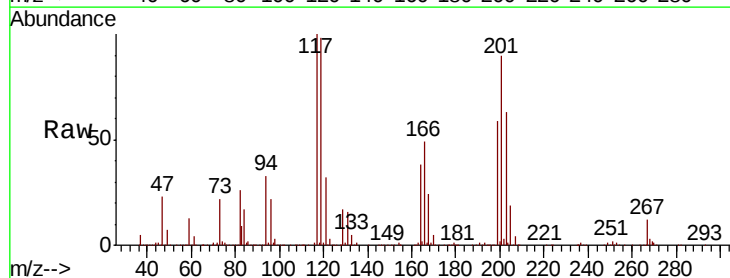
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

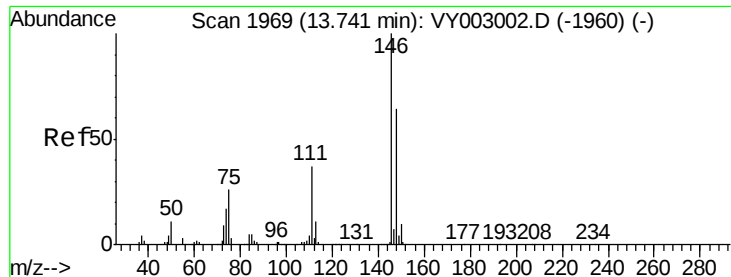
Tot Ion: 91 Resp: 889221
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 26.9 13.1 39.1



#90
Hexachloroethane
Concen: 45.605 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion: 117 Resp: 172238
Ion Ratio Lower Upper
117 100
201 89.2 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 51.725 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

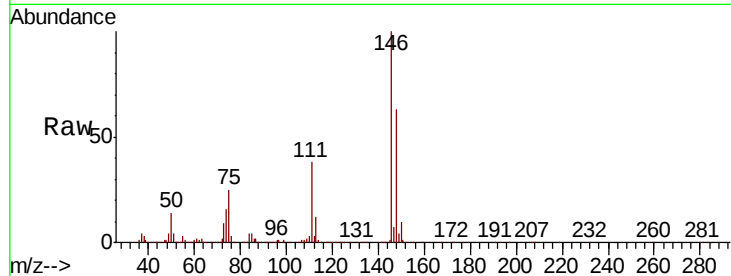
Tot Ion:146 Resp: 448971

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

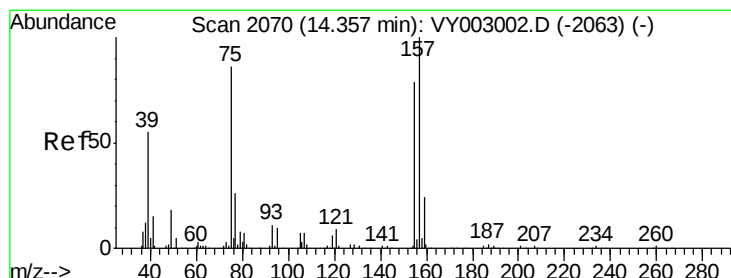
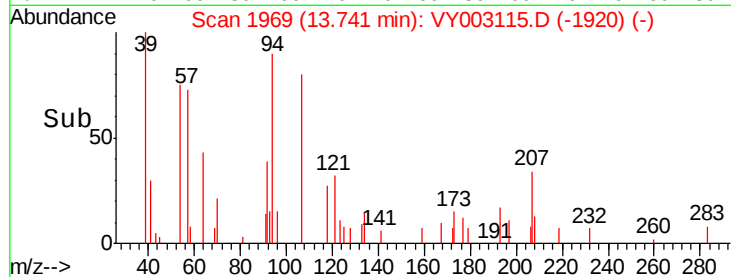
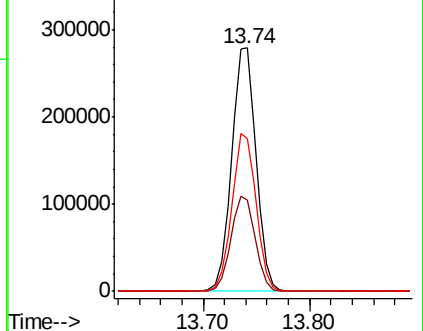
148 64.3 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.560 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003115.D

Acq: 06 Jul 2020 16:54

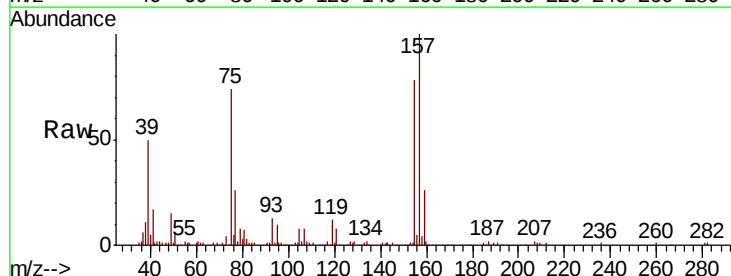
Tgt Ion: 75 Resp: 37226

Ion Ratio Lower Upper

75 100

155 103.1 46.5 139.3

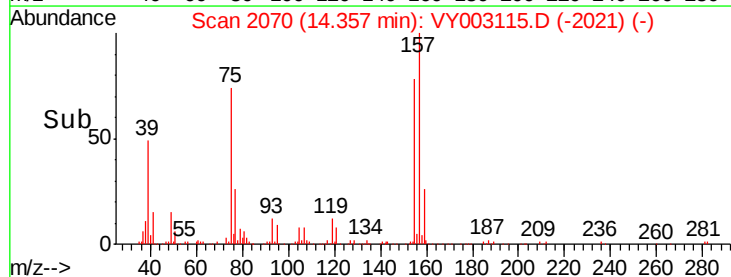
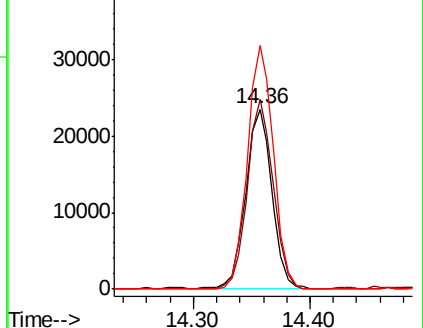
157 132.8 59.2 177.5

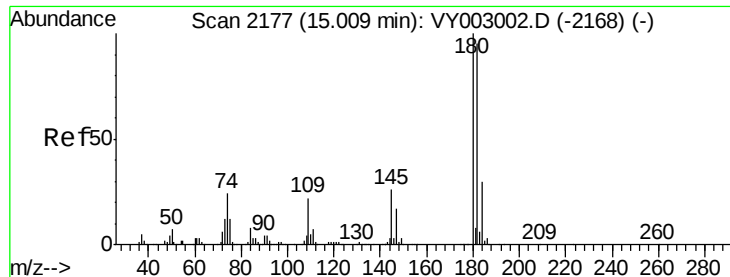


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

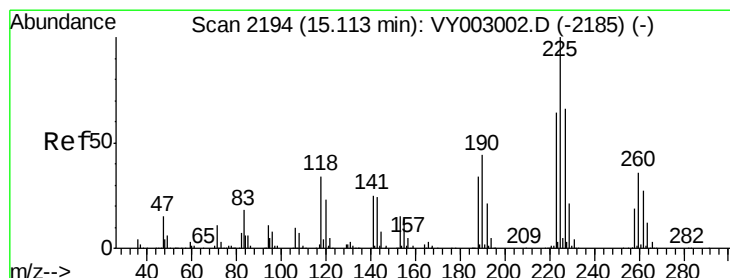
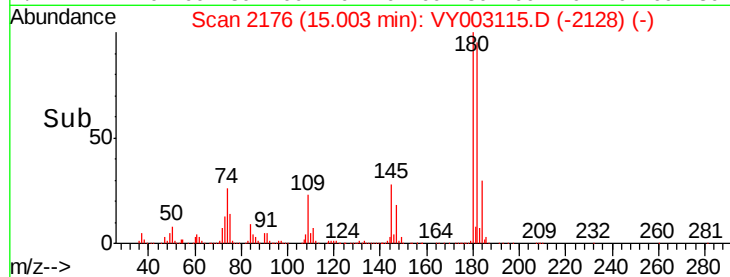
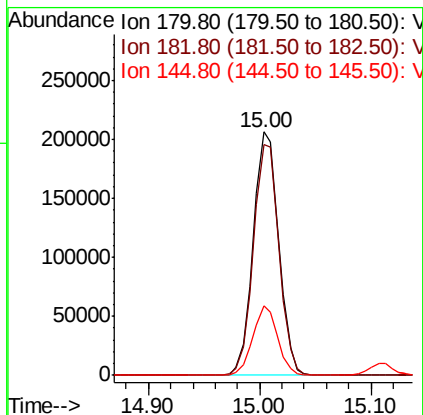
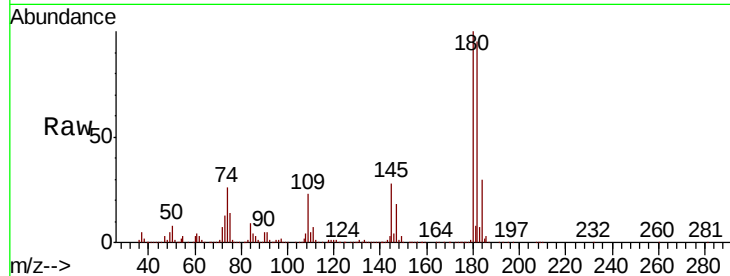




#93
 1,2,4-Trichlorobenzene
 Concen: 50.971 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

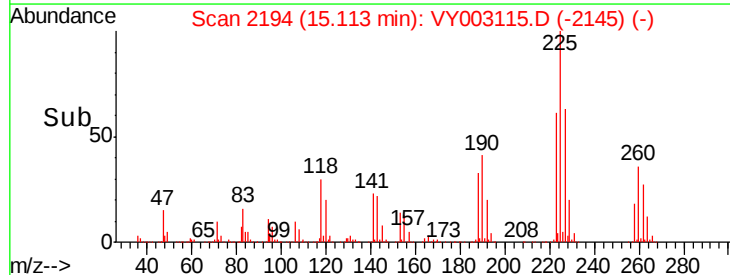
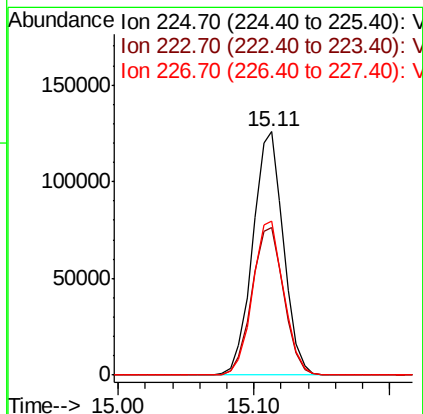
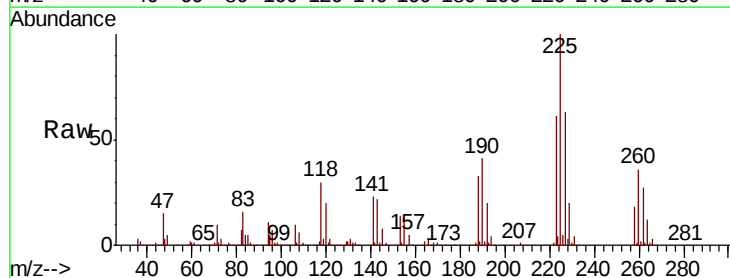
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

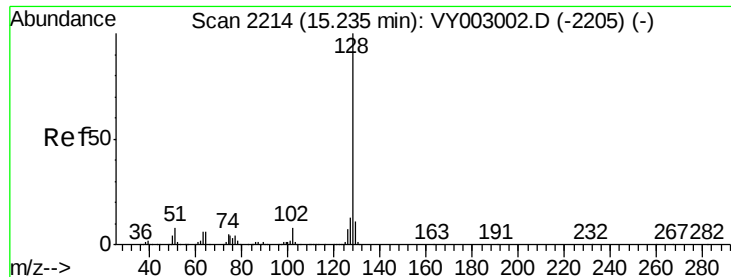
Tot Ion:180 Resp: 328755
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 48.838 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003115.D
 Acq: 06 Jul 2020 16:54

Tgt Ion:225 Resp: 198688
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 64.1 32.4 97.2

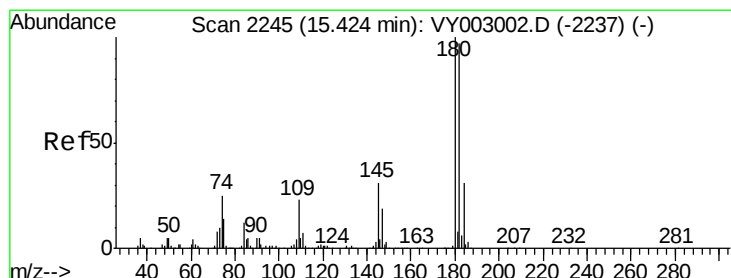
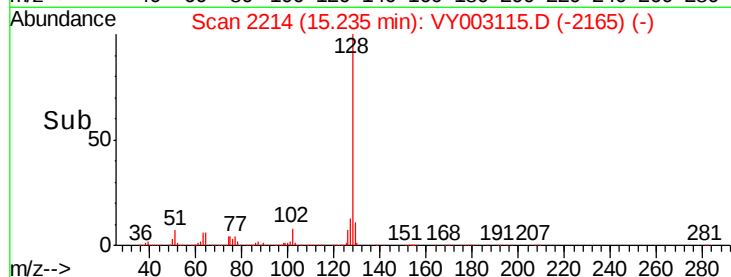
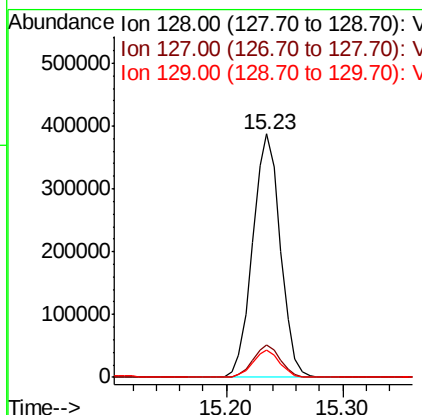
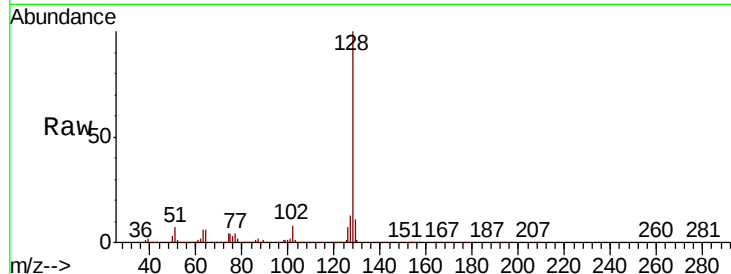




#95
Naphthalene
Concen: 54.332 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 640069
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.694 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003115.D
Acq: 06 Jul 2020 16:54

Tgt Ion:180 Resp: 283918
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 29.0 14.7 44.1

