

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003523.D
 Acq On : 12 Nov 2020 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 13 01:55:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	231775	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	319084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158565	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	111491	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
35) Dibromofluoromethane	7.72	113	99117	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	10.18	98	402742	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	137577	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	89008	48.537	ug/l	99
3) Chloromethane	2.12	50	120615	49.961	ug/l	98
4) Vinyl Chloride	2.26	62	136437	50.347	ug/l	98
5) Bromomethane	2.65	94	91694	40.498	ug/l	99
6) Chloroethane	2.80	64	80508	49.844	ug/l	100
7) Trichlorofluoromethane	3.13	101	168654	49.031	ug/l	94
8) Diethyl Ether	3.53	74	51247	48.583	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95937	50.462	ug/l	99
10) Methyl Iodide	4.09	142	102367	52.233	ug/l	99
11) Tert butyl alcohol	4.96	59	55490	233.696	ug/l	98
12) 1,1-Dichloroethene	3.88	96	92140	48.711	ug/l	99
13) Acrolein	3.74	56	44896	227.676	ug/l	99
14) Allyl chloride	4.49	41	168003	48.682	ug/l	100
15) Acrylonitrile	5.18	53	126342	224.385	ug/l	99
16) Acetone	3.95	43	232531	296.655	ug/l	96
17) Carbon Disulfide	4.20	76	278396	45.431	ug/l	100
18) Methyl Acetate	4.48	43	70127	47.342	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	228259	48.721	ug/l	96
20) Methylene Chloride	4.72	84	100600	45.572	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	107771	49.204	ug/l	98
22) Diisopropyl ether	6.12	45	302524	49.980	ug/l	99
23) Vinyl Acetate	6.07	43	1088108	239.220	ug/l	100
24) 1,1-Dichloroethane	6.02	63	189811	49.348	ug/l	99
25) 2-Butanone	6.99	43	263094	268.365	ug/l	99
26) 2,2-Dichloropropane	6.99	77	180462	50.361	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	118336	49.860	ug/l	99
28) Bromochloromethane	7.34	49	91646	47.362	ug/l	99
29) Tetrahydrofuran	7.35	42	114055	222.646	ug/l	100
30) Chloroform	7.51	83	189847	50.252	ug/l	97
31) Cyclohexane	7.78	56	162892	45.738	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	177991	50.502	ug/l	99
36) 1,1-Dichloropropene	7.92	75	154524	51.363	ug/l	100
37) Ethyl Acetate	7.08	43	85177	45.595	ug/l	100
38) Carbon Tetrachloride	7.90	117	163864	52.503	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	171187	51.103	ug/l	99
40) Benzene	8.16	78	424366	50.687	ug/l	99
41) Methacrylonitrile	7.35	41	113008	113.281	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	130299	49.669	ug/l	100
43) Isopropyl Acetate	8.27	43	158701	47.270	ug/l	99
44) Trichloroethene	8.94	130	123351	52.482	ug/l	99
45) 1,2-Dichloropropane	9.22	63	107807	50.990	ug/l	99
46) Dibromomethane	9.30	93	57964	49.831	ug/l	99
47) Bromodichloromethane	9.50	83	148352	52.108	ug/l	99
48) Methyl methacrylate	9.29	41	76893	48.620	ug/l	98
49) 1,4-Dioxane	9.30	88	13884	956.603	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	429212	239.945	ug/l	99
52) Toluene	10.24	92	271824	51.909	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	155377	51.283	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	175779	51.557	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	82983	50.256	ug/l	97
56) Ethyl methacrylate	10.51	69	112574	50.899	ug/l	99
57) 1,3-Dichloropropane	10.79	76	146008	50.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	278411	248.315	ug/l	99
59) 2-Hexanone	10.83	43	359450	271.399	ug/l	100
60) Dibromochloromethane	10.98	129	105931	52.197	ug/l	100
61) 1,2-Dibromoethane	11.09	107	79703	49.998	ug/l	99
64) Tetrachloroethene	10.72	164	115350	53.344	ug/l	97
65) Chlorobenzene	11.52	112	292997	52.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	112271	52.922	ug/l	99
67) Ethyl Benzene	11.59	91	537001	52.646	ug/l	100
68) m/p-Xylenes	11.70	106	411076	106.348	ug/l	100
69) o-Xylene	12.03	106	190404	53.549	ug/l	99
70) Styrene	12.04	104	325691	53.947	ug/l	100
71) Bromoform	12.20	173	72514	51.282	ug/l #	99
73) Isopropylbenzene	12.33	105	536472	51.793	ug/l	100
74) N-amyl acetate	12.14	43	141331	48.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	102417	46.291	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	139019	82.861	ug/l #	100
77) Bromobenzene	12.61	156	132515	50.353	ug/l	98
78) n-propylbenzene	12.67	91	630763	51.699	ug/l	100
79) 2-Chlorotoluene	12.75	91	349993	51.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	457897	53.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37442	46.579	ug/l	99
82) 4-Chlorotoluene	12.85	91	366393	51.436	ug/l	99
83) tert-Butylbenzene	13.07	119	394560	51.838	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	458251	53.426	ug/l	99
85) sec-Butylbenzene	13.25	105	552671	53.626	ug/l	100
86) p-Isopropyltoluene	13.36	119	518467	54.245	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	261279	53.295	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	257298	52.780	ug/l	99
89) n-Butylbenzene	13.69	91	478821	54.848	ug/l	100
90) Hexachloroethane	13.95	117	85252	52.998	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	228533	52.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18380	45.892	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
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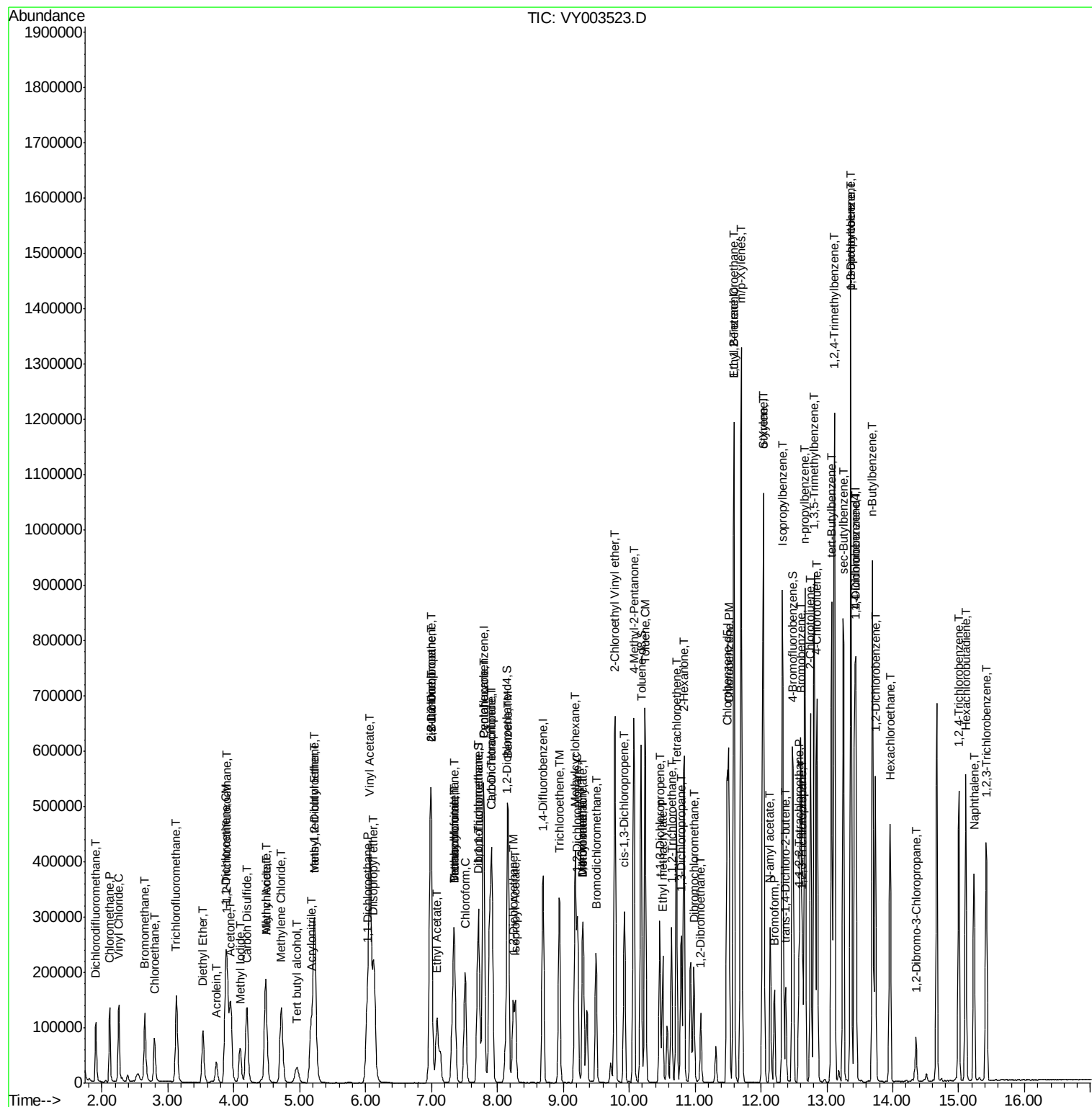
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	170600	55.380	ug/l	99
94) Hexachlorobutadiene	15.11	225	112554	56.797	ug/l	97
95) Naphthalene	15.23	128	312655	50.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148790	53.694	ug/l	99

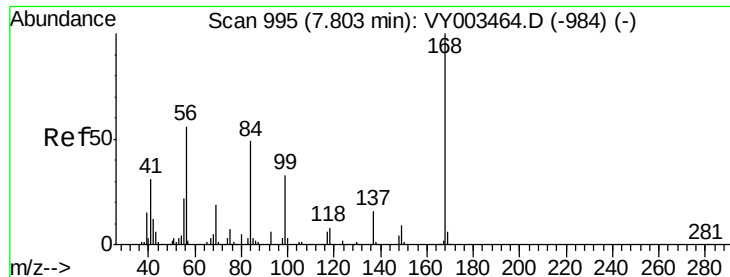
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

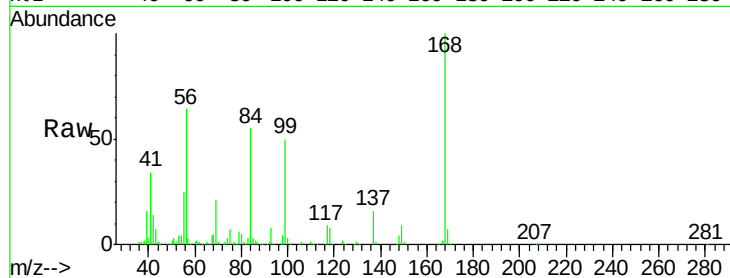
VSTDCCC050

Tot Ion:168 Resp: 231775

Ion Ratio Lower Upper

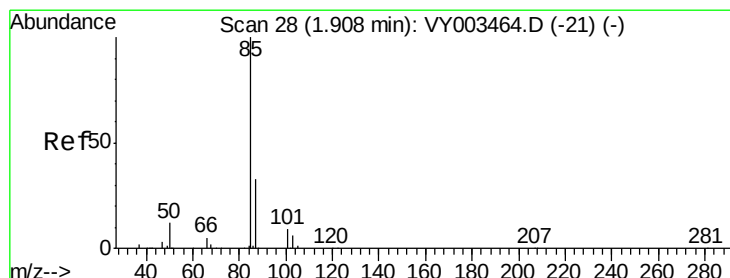
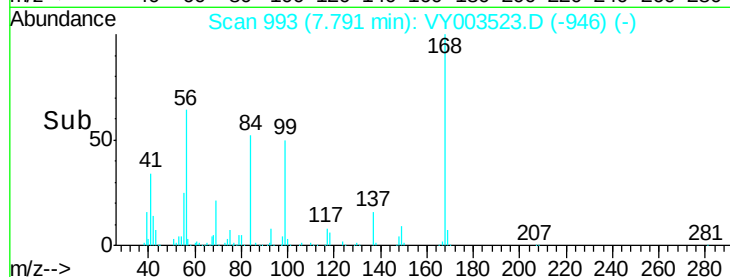
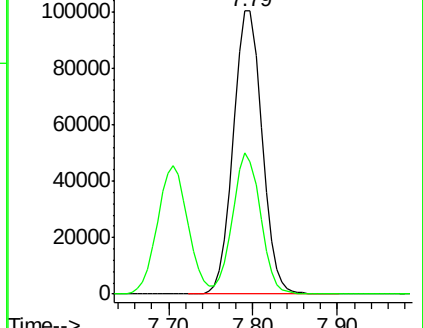
168 100

99 49.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 48.537 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003523.D

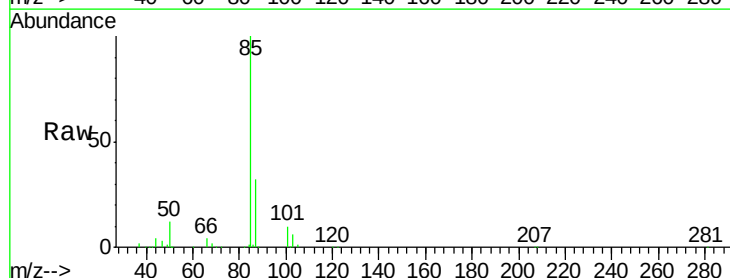
Acq: 12 Nov 2020 09:54

Tgt Ion: 85 Resp: 89008

Ion Ratio Lower Upper

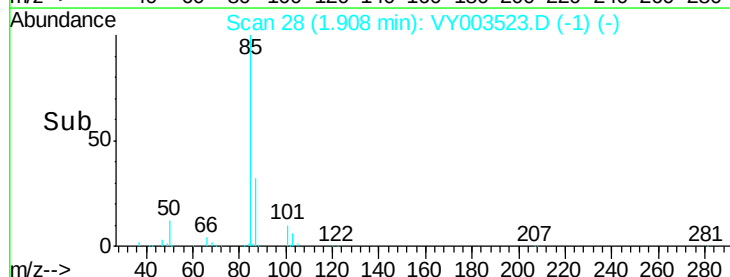
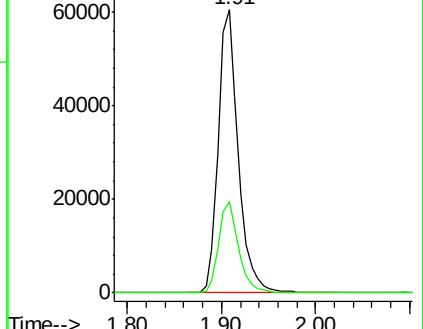
85 100

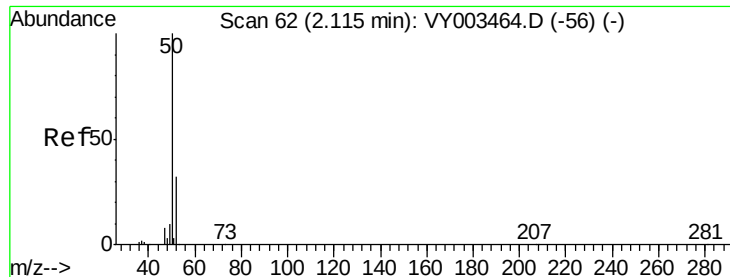
87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)





#3

Chloromethane

Concen: 49.961 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

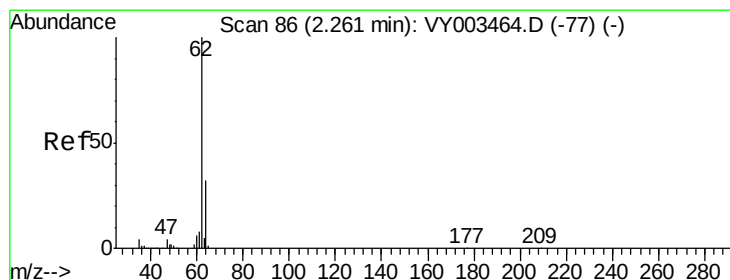
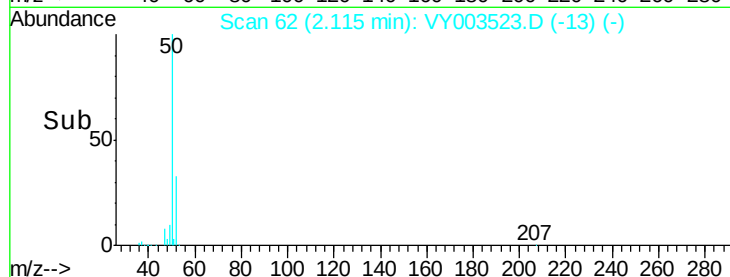
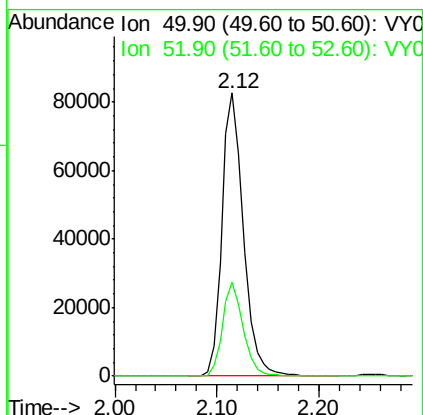
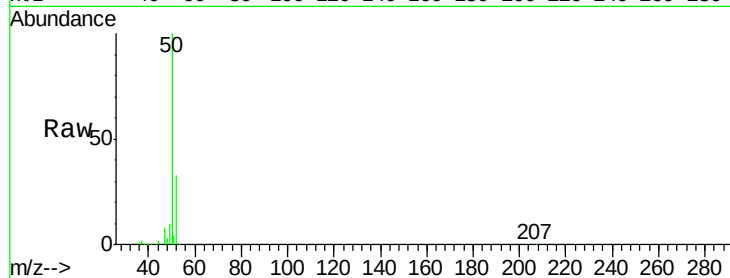
VSTDCCC050

Tot Ion: 50 Resp: 120615

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 50.347 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003523.D

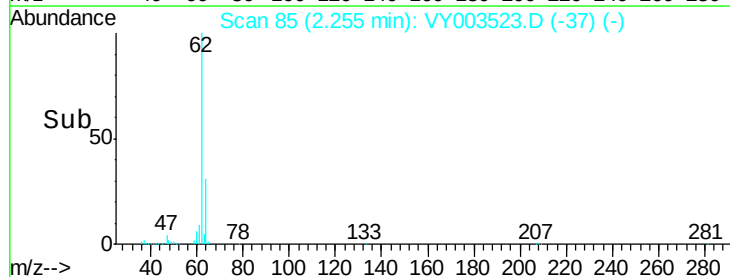
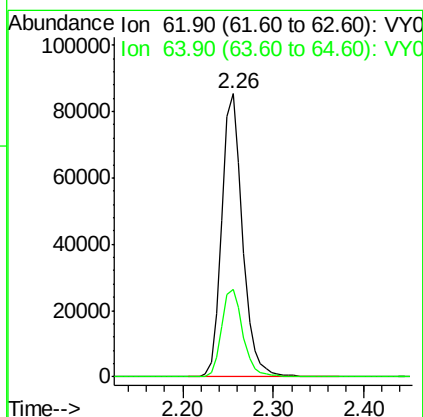
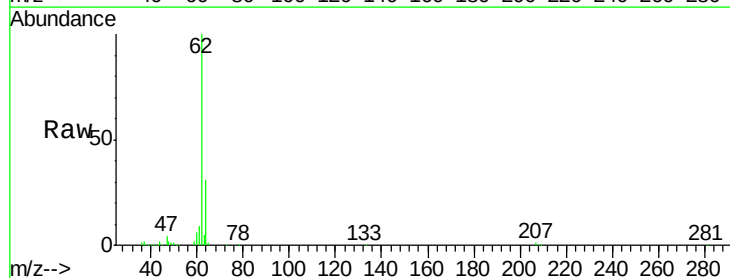
Acq: 12 Nov 2020 09:54

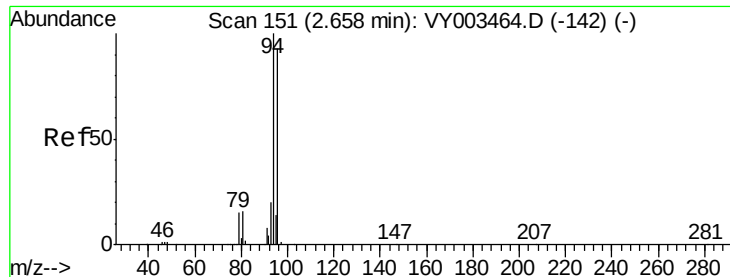
Tgt Ion: 62 Resp: 136437

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 40.498 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

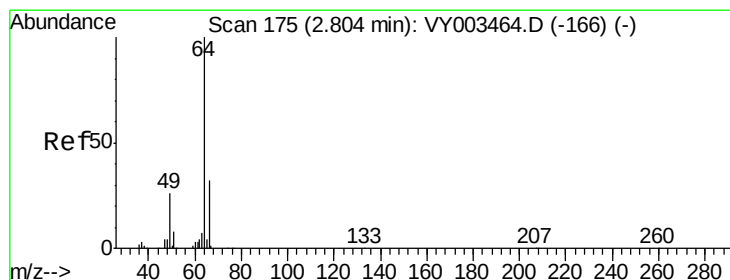
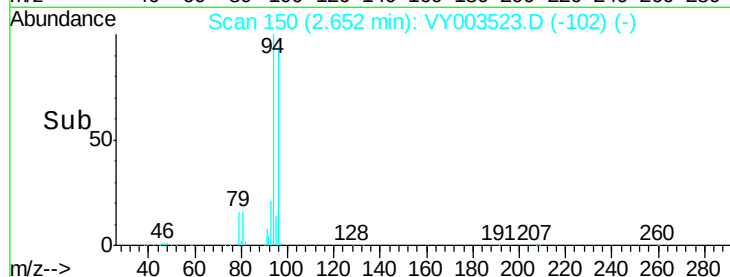
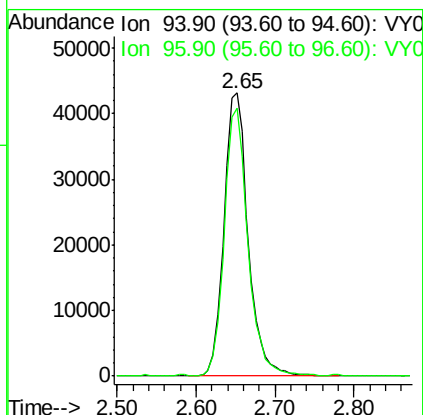
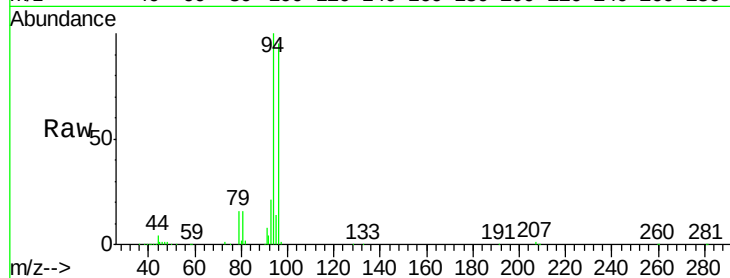
VSTDCCC050

Tot Ion: 94 Resp: 91694

Ion Ratio Lower Upper

94 100

96 94.3 74.6 112.0



#6

Chloroethane

Concen: 49.844 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003523.D

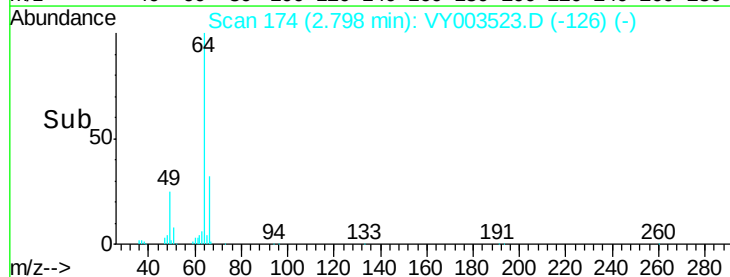
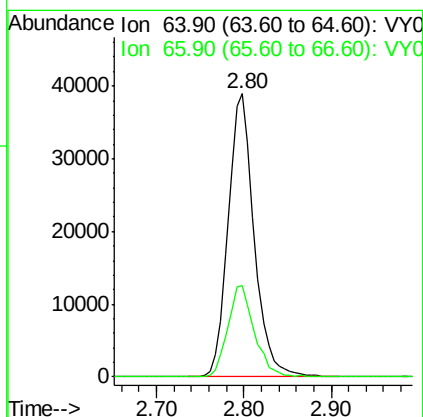
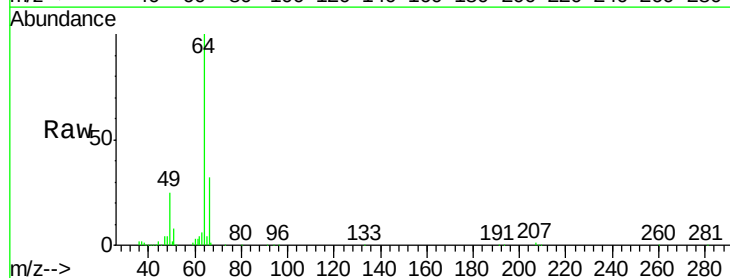
Acq: 12 Nov 2020 09:54

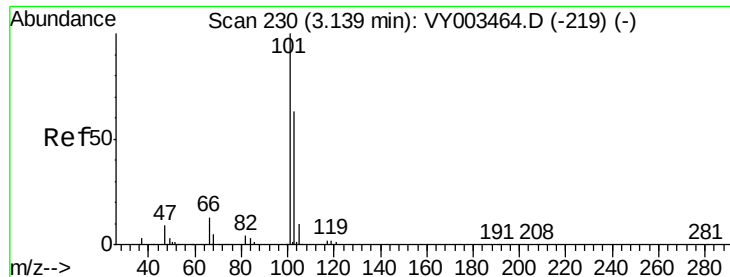
Tgt Ion: 64 Resp: 80508

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



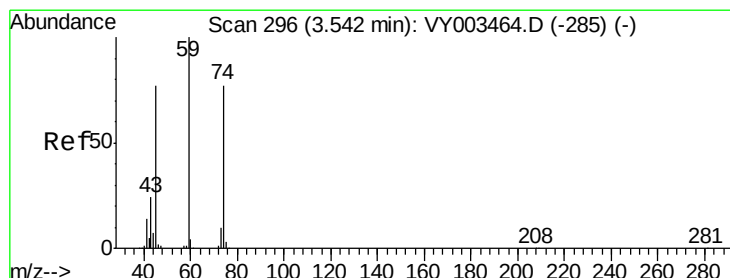
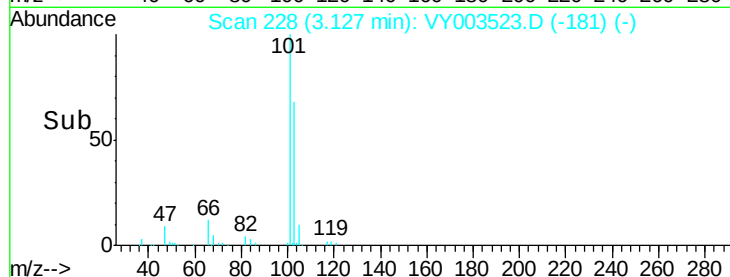
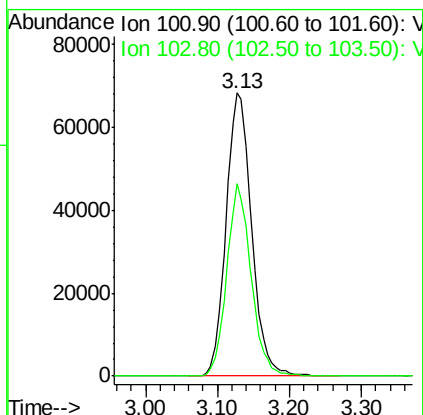
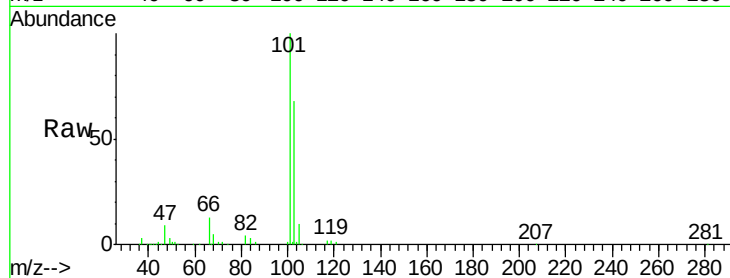


#7

Trichlorofluoromethane
Concen: 49.031 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
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VSTDCCC050

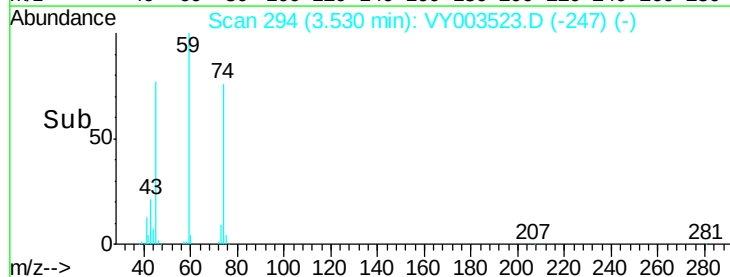
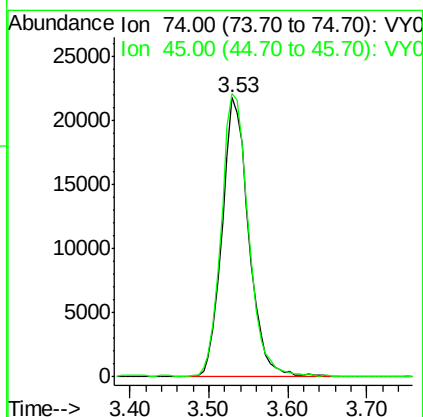
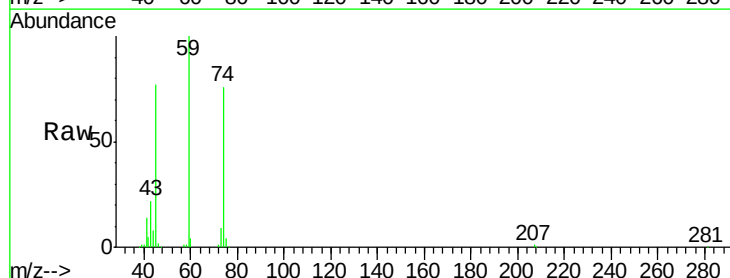
Tot Ion:101 Resp: 168654
Ion Ratio Lower Upper
101 100
103 68.2 50.7 76.1

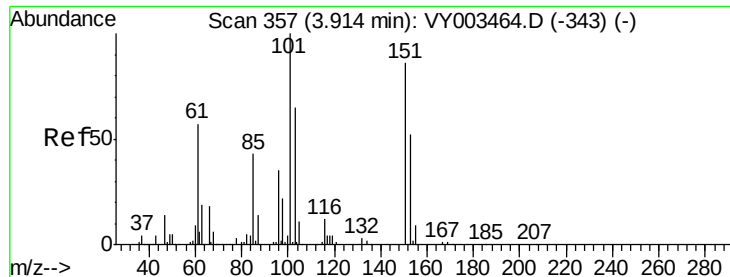


#8

Diethyl Ether
Concen: 48.583 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 74 Resp: 51247
Ion Ratio Lower Upper
74 100
45 104.9 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.462 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

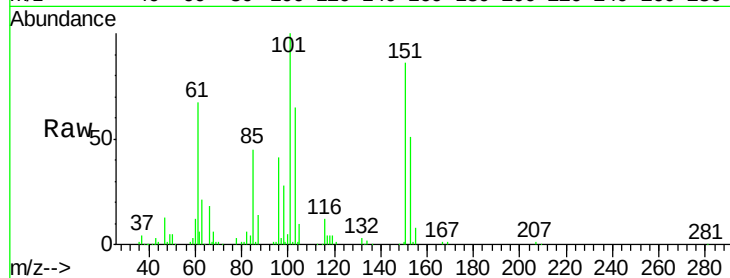
Tot Ion:101 Resp: 95937

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

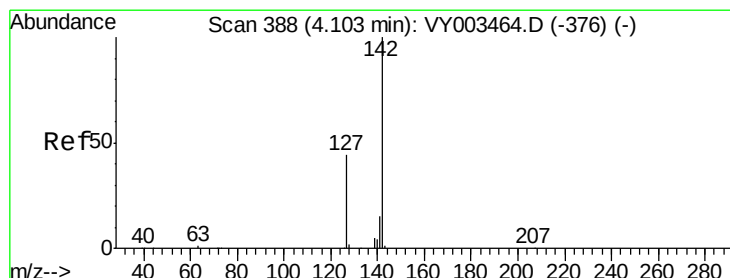
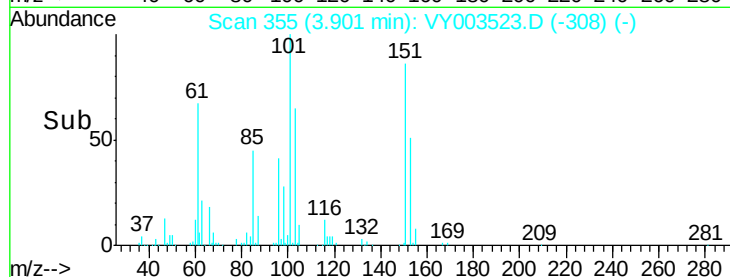
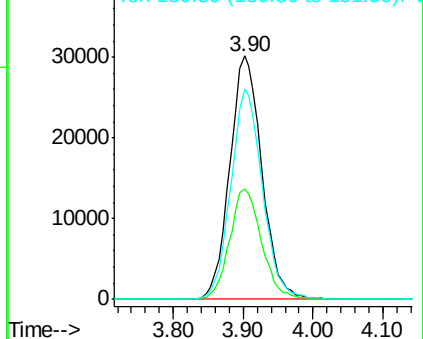
151 85.3 67.6 101.4



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: 52.233 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

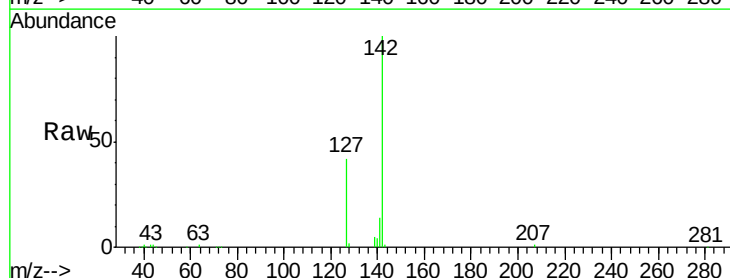
Tgt Ion:142 Resp: 102367

Ion Ratio Lower Upper

142 100

127 44.3 34.5 51.7

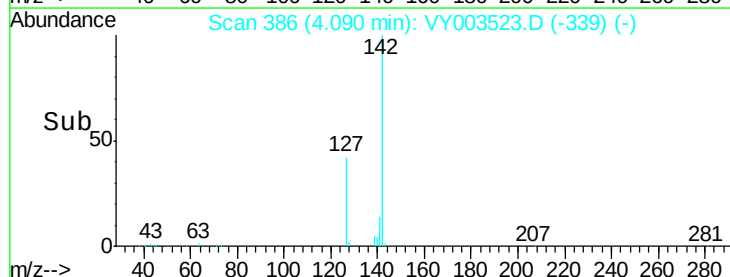
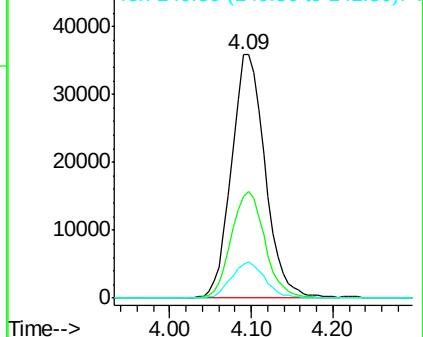
141 14.9 11.8 17.8

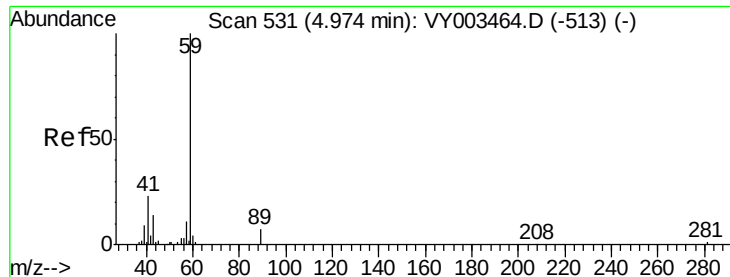


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



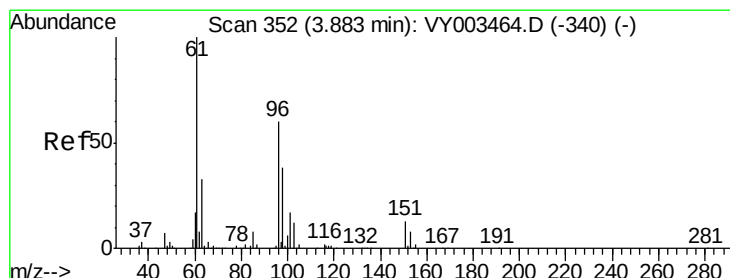
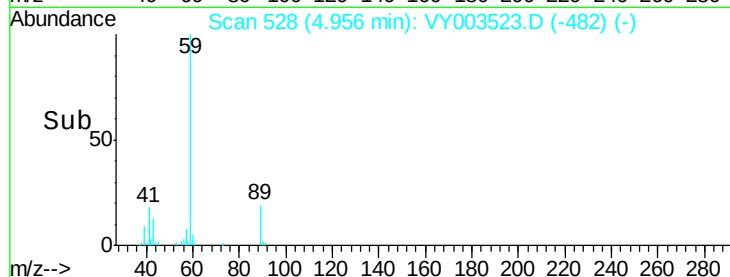
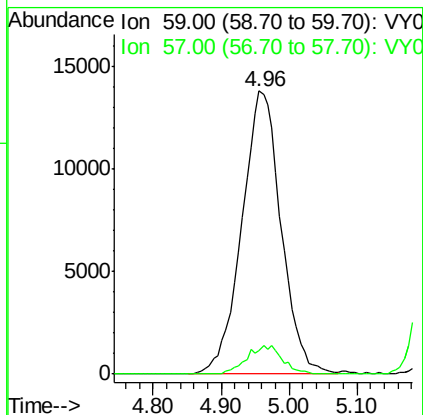
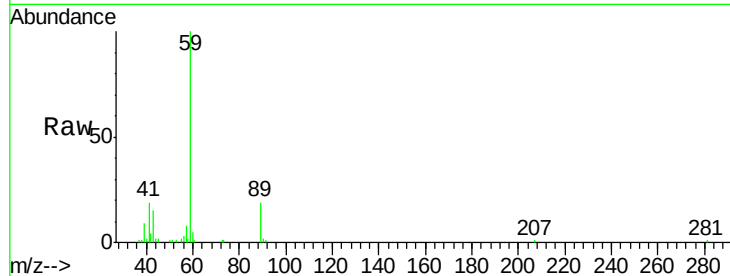


#11

Tert butyl alcohol
 Concen: 233.696 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

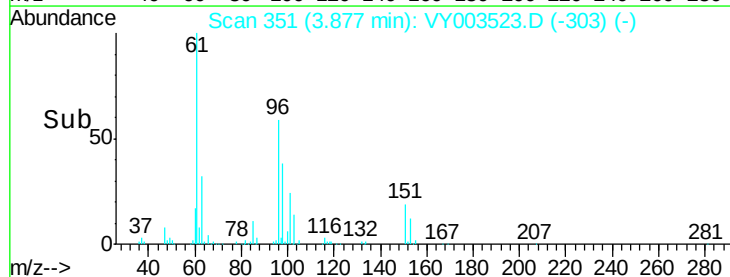
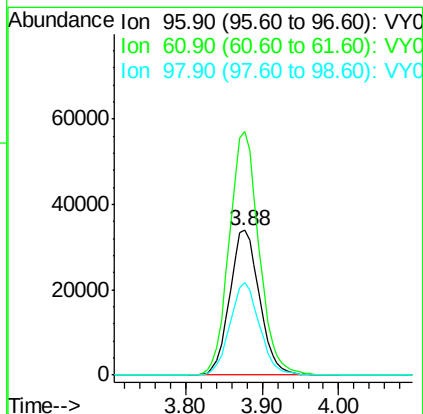
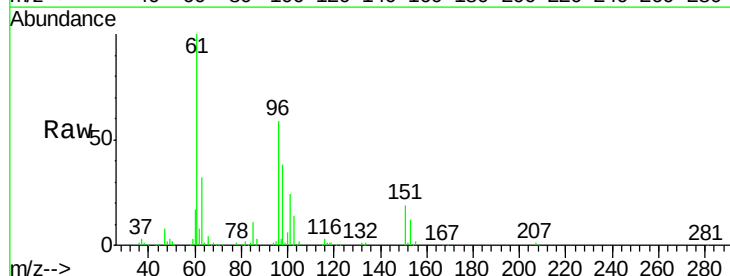
Tot Ion: 59 Resp: 55490
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.9 11.9

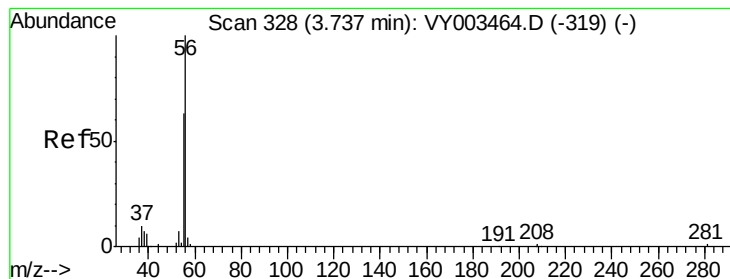


#12

1,1-Dichloroethene
 Concen: 48.711 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 96 Resp: 92140
 Ion Ratio Lower Upper
 96 100
 61 168.3 133.6 200.4
 98 64.3 50.2 75.2





#13

Acrolein

Concen: 227.676 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

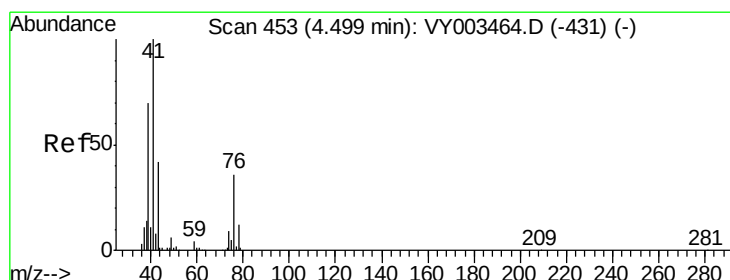
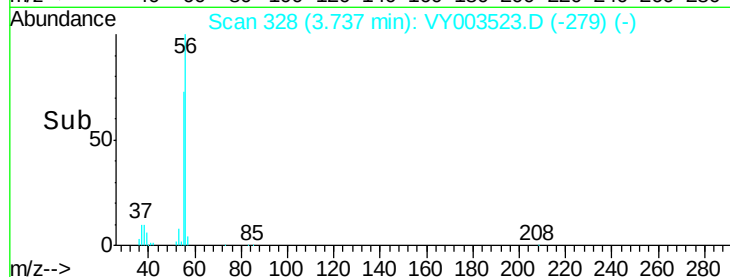
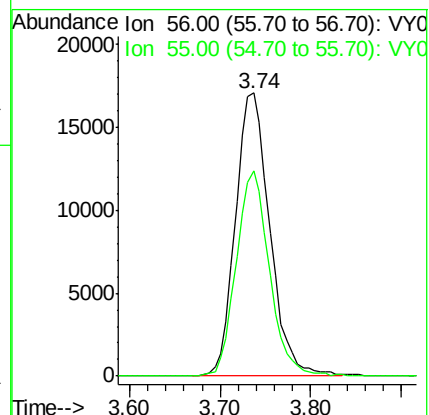
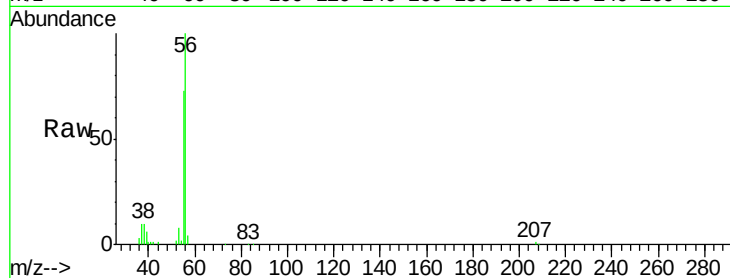
VSTDCCC050

Tot Ion: 56 Resp: 44896

Ion Ratio Lower Upper

56 100

55 70.3 56.6 85.0



#14

Allyl chloride

Concen: 48.682 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

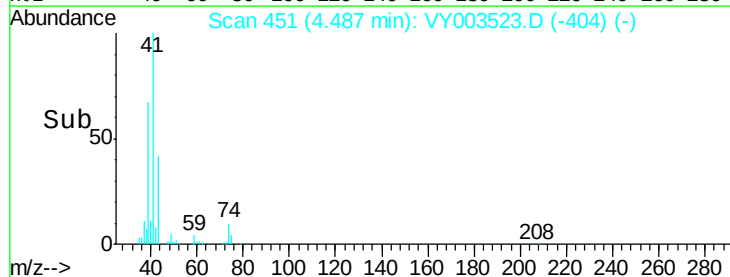
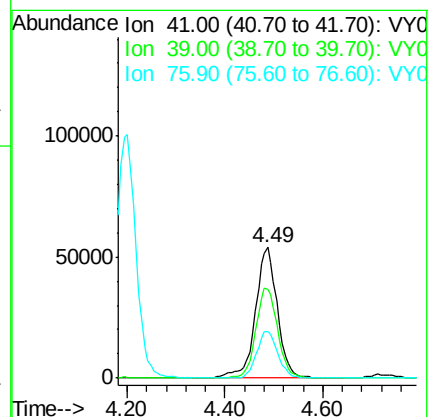
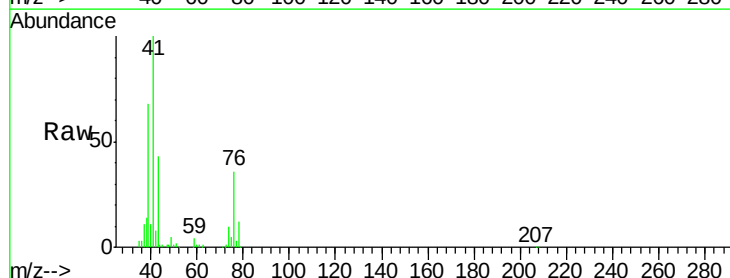
Tgt Ion: 41 Resp: 168003

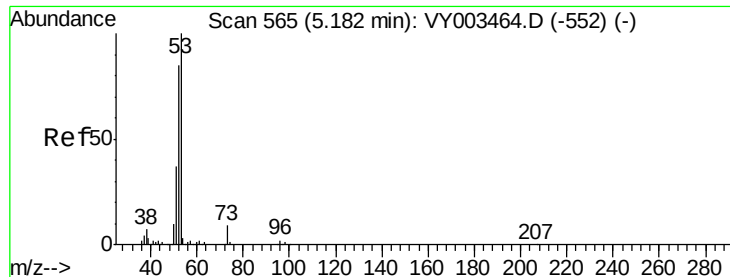
Ion Ratio Lower Upper

41 100

39 68.1 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 224.385 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

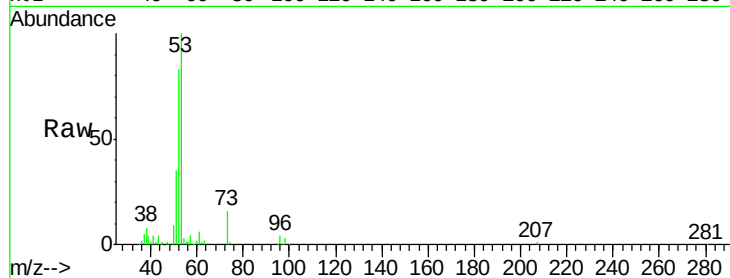
Tot Ion: 53 Resp: 126342

Ion Ratio Lower Upper

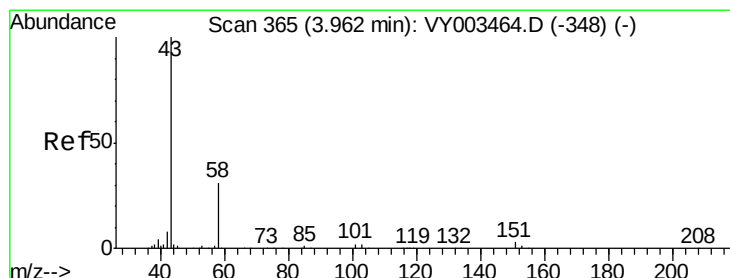
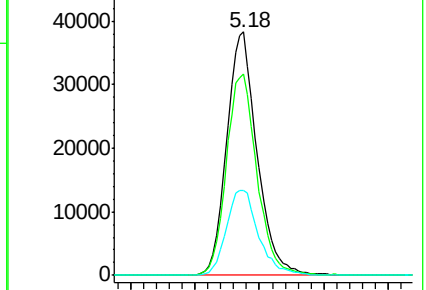
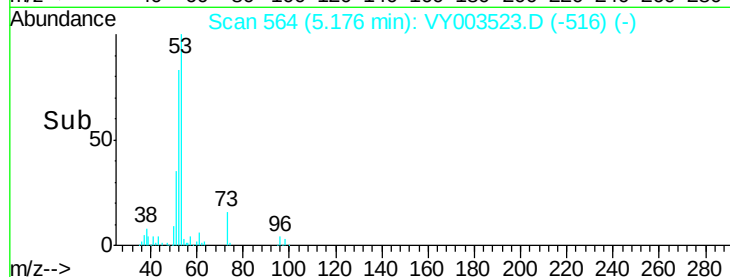
53 100

52 83.1 66.9 100.3

51 37.3 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY003523.D (-516) (-)



#16

Acetone

Concen: 296.655 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY003523.D

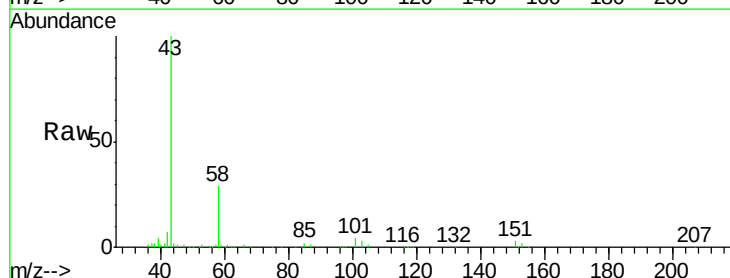
Acq: 12 Nov 2020 09:54

Tgt Ion: 43 Resp: 232531

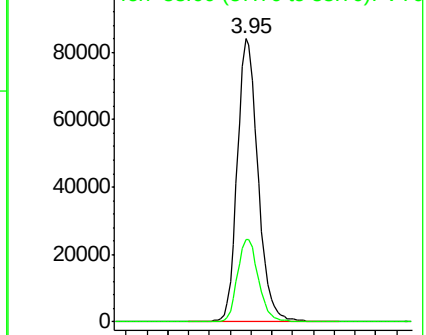
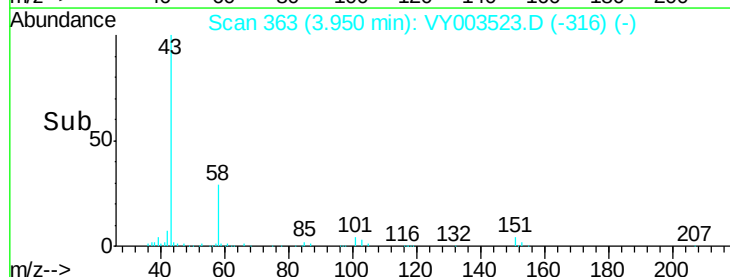
Ion Ratio Lower Upper

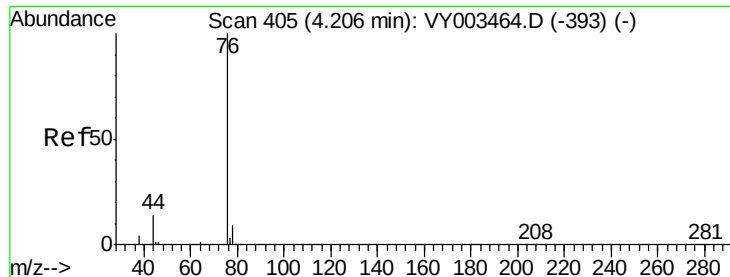
43 100

58 29.1 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY003523.D (-316) (-)

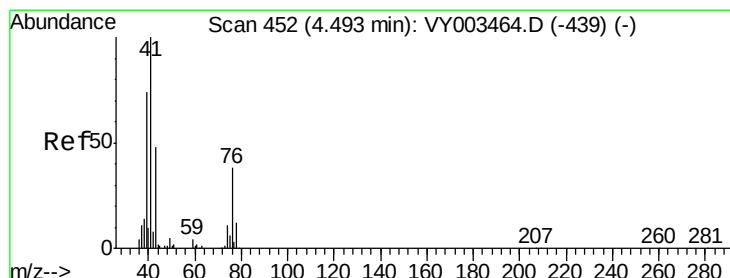
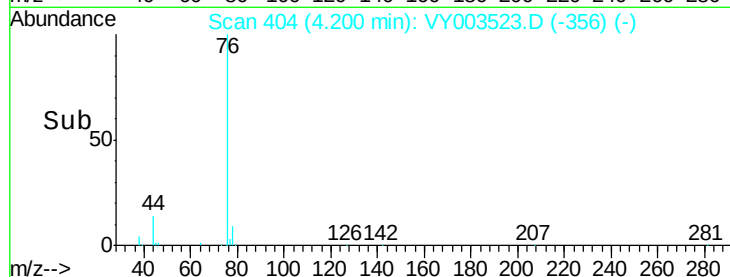
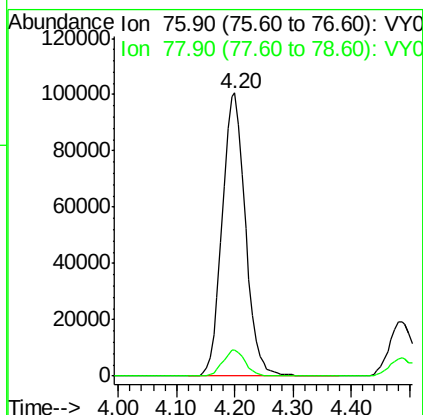
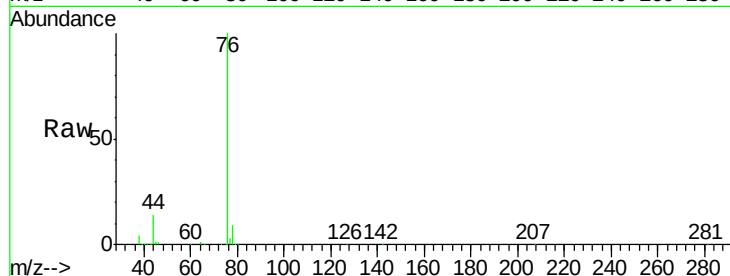




#17
Carbon Disulfide
Concen: 45.431 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

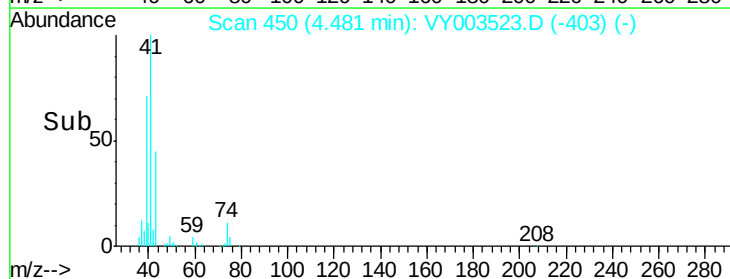
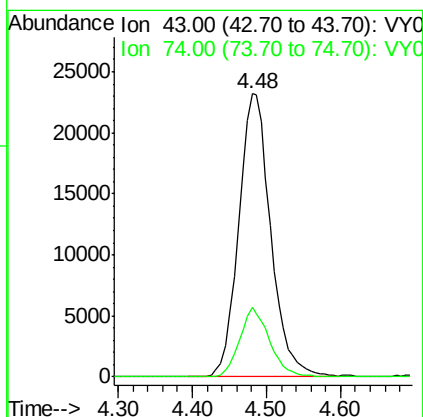
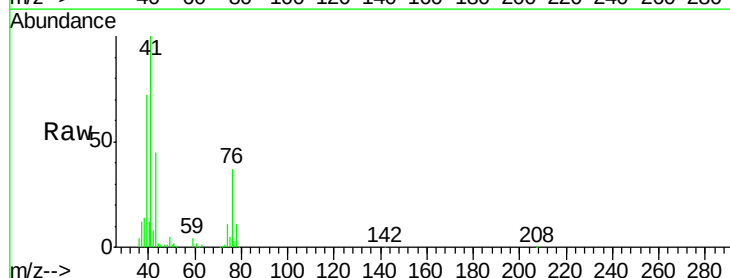
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

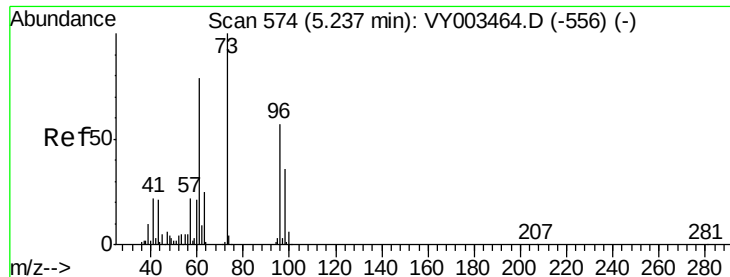
Tot Ion: 76 Resp: 278396
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 47.342 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 43 Resp: 70127
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6

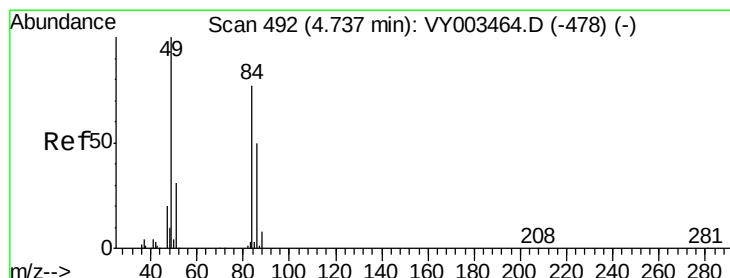
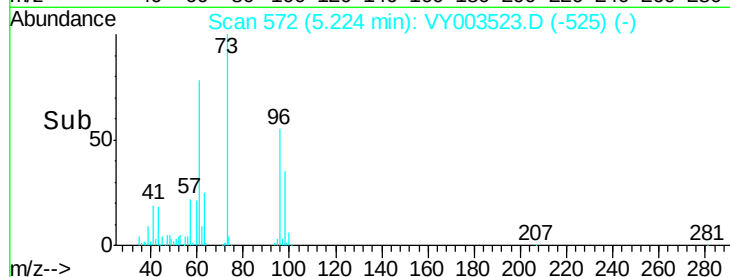
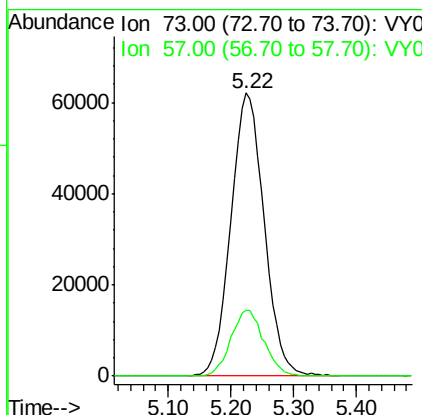
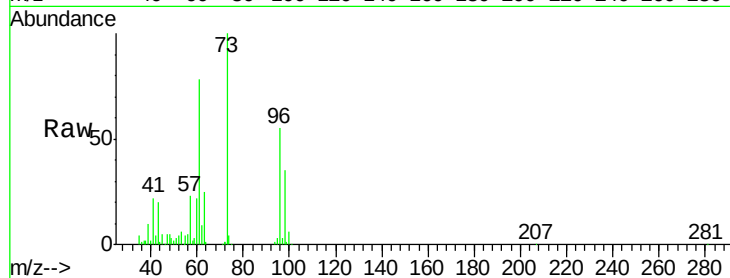




#19
Methyl tert-butyl Ether
Concen: 48.721 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

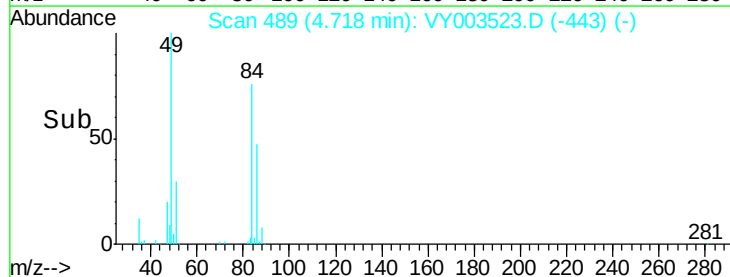
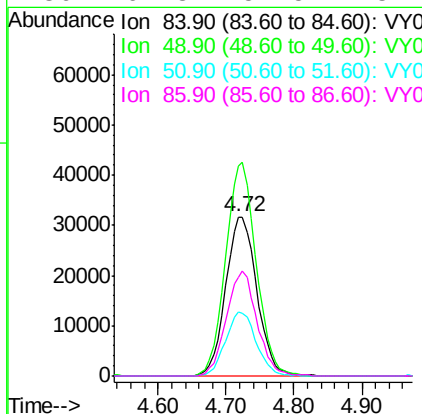
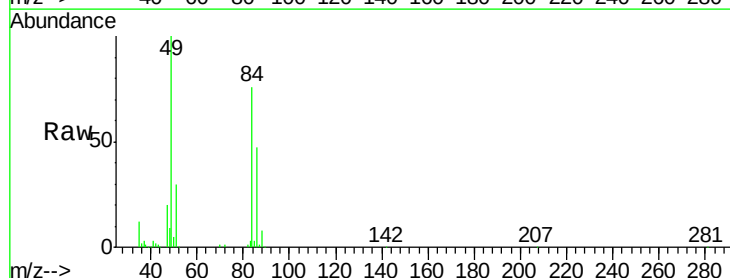
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

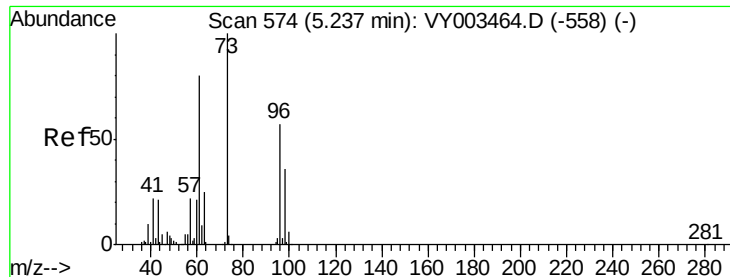
Tot Ion: 73 Resp: 228259
Ion Ratio Lower Upper
73 100
57 23.2 17.2 25.8



#20
Methylene Chloride
Concen: 45.572 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 84 Resp: 100600
Ion Ratio Lower Upper
84 100
49 132.3 104.3 156.5
51 40.3 32.5 48.7
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.204 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

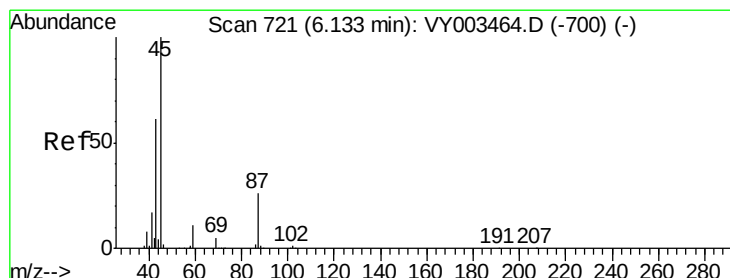
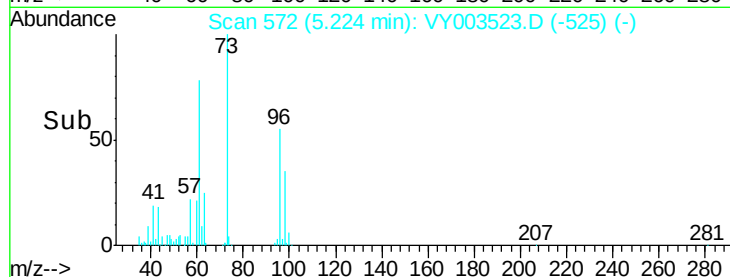
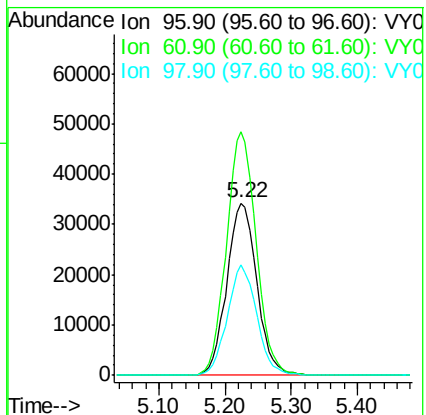
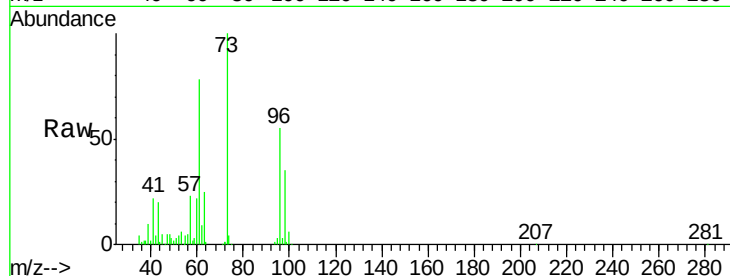
Tot Ion: 96 Resp: 107771

Ion Ratio Lower Upper

96 100

61 141.3 111.3 166.9

98 64.0 50.3 75.5



#22

Diisopropyl ether

Concen: 49.980 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion: 45 Resp: 302524

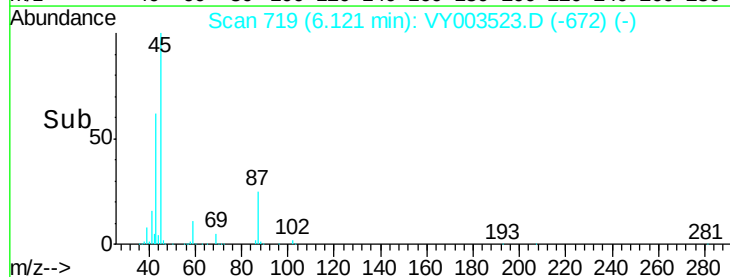
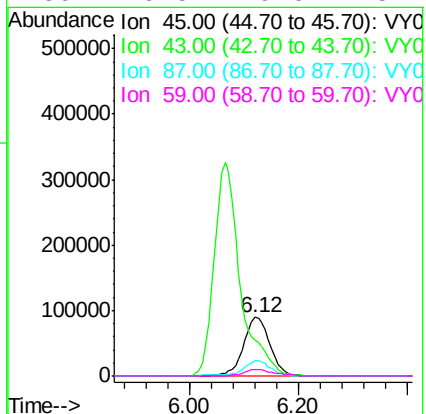
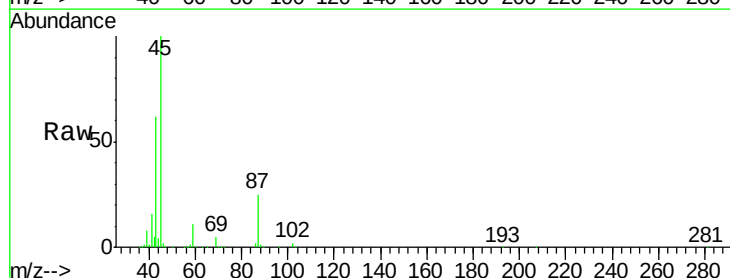
Ion Ratio Lower Upper

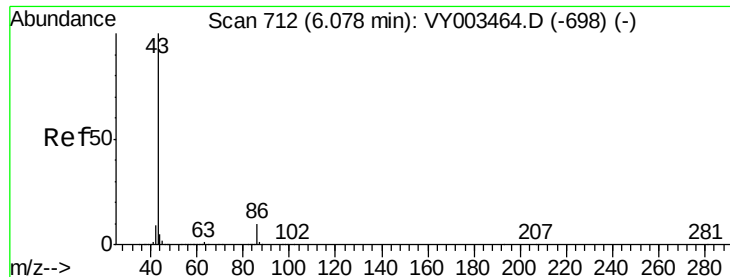
45 100

43 61.3 48.8 73.2

87 25.3 20.6 31.0

59 10.5 9.0 13.4





#23

Vinyl Acetate

Concen: 239.220 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

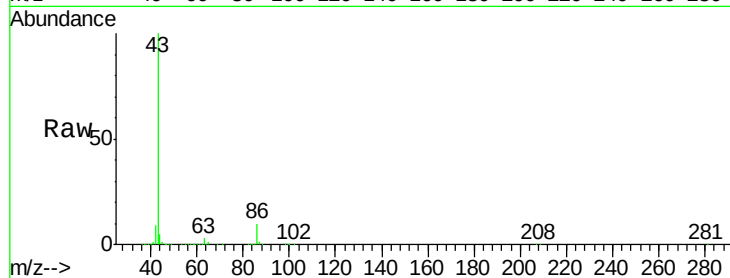
VSTDCCC050

Tot Ion: 43 Resp: 1088108

Ion Ratio Lower Upper

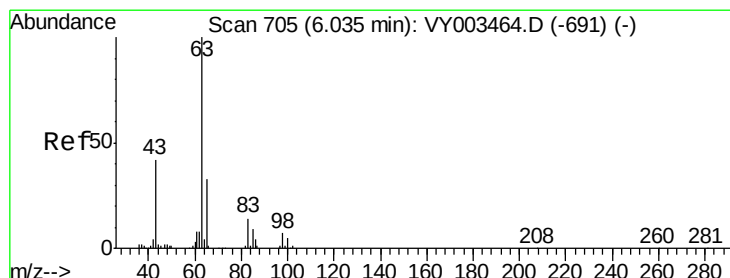
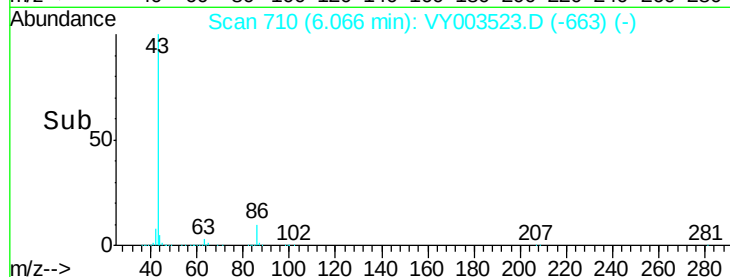
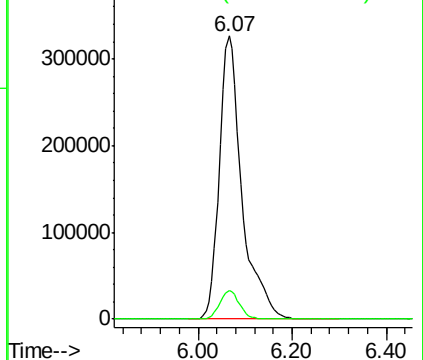
43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.348 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

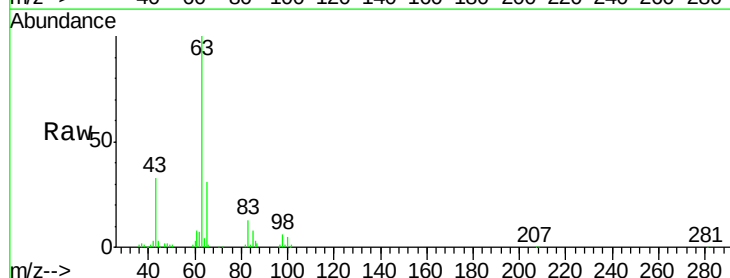
Tgt Ion: 63 Resp: 189811

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

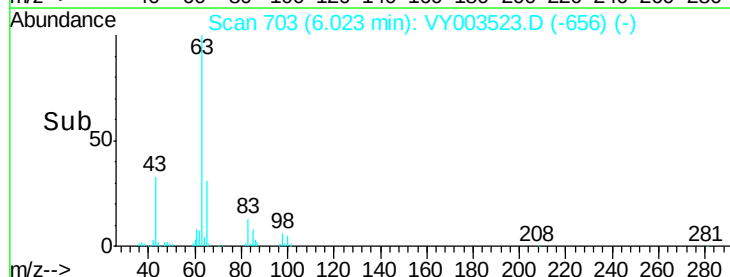
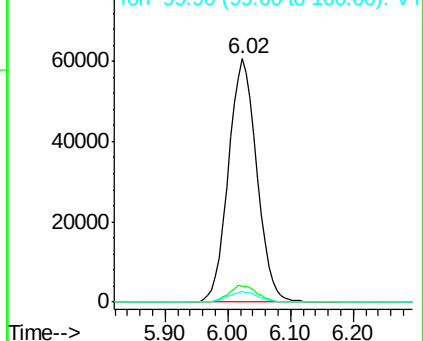
100 4.6 2.3 6.9

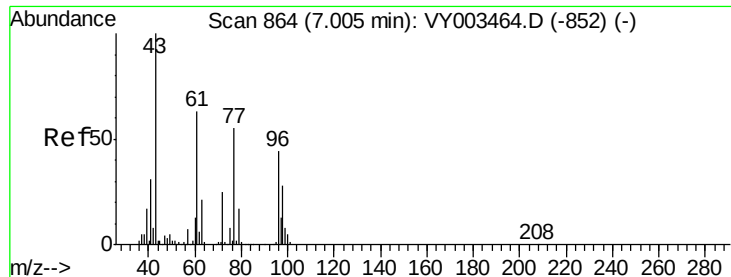


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 268.365 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

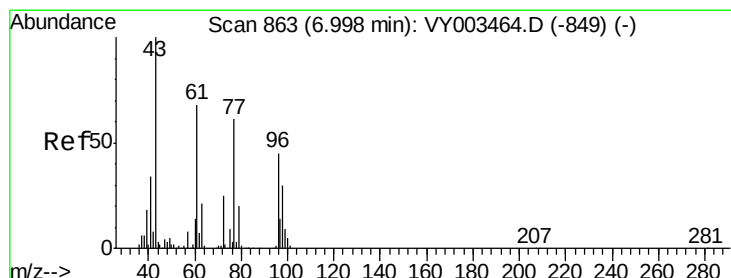
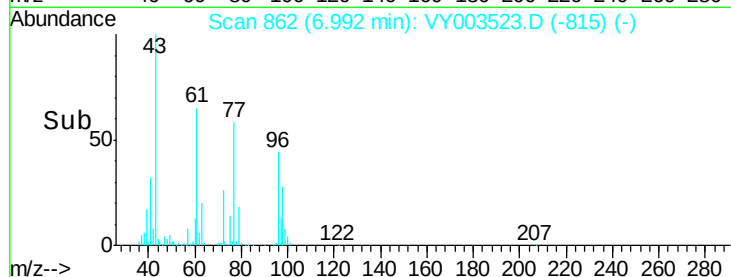
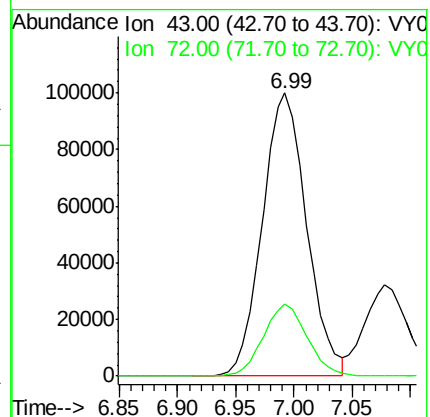
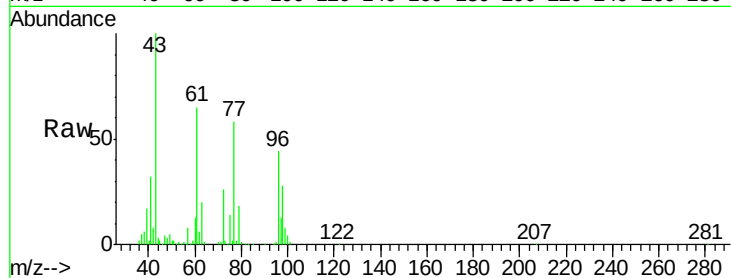
VSTDCCC050

Tot Ion: 43 Resp: 263094

Ion Ratio Lower Upper

43 100

72 25.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 50.361 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003523.D

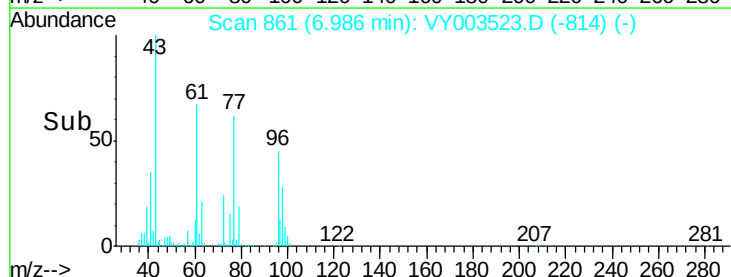
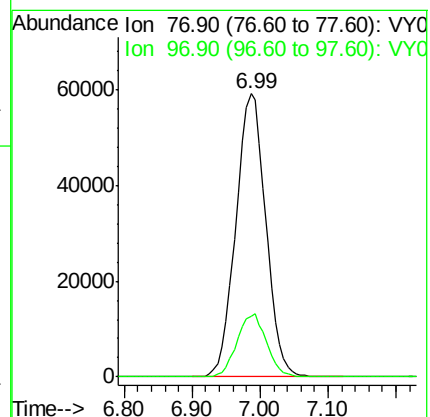
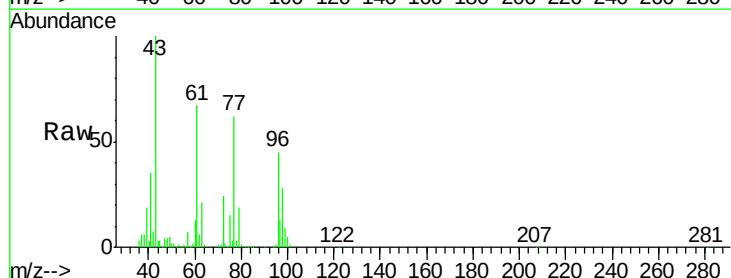
Acq: 12 Nov 2020 09:54

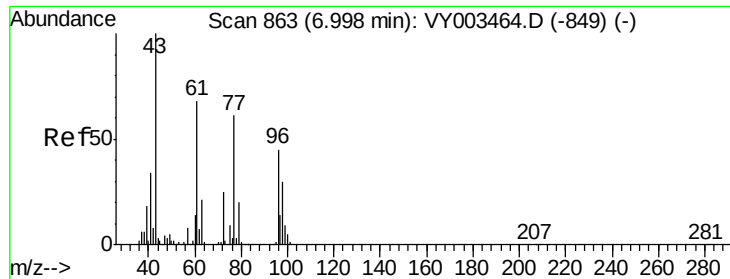
Tgt Ion: 77 Resp: 180462

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6



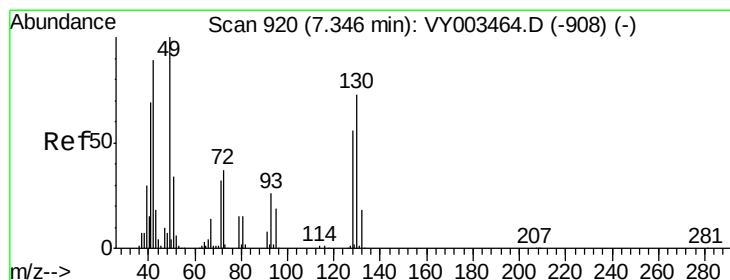
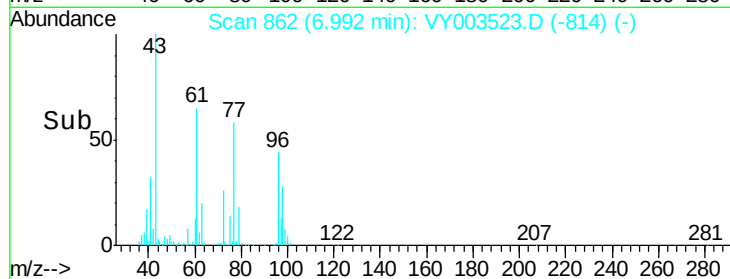
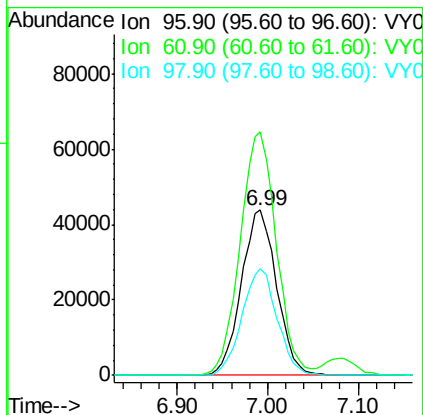
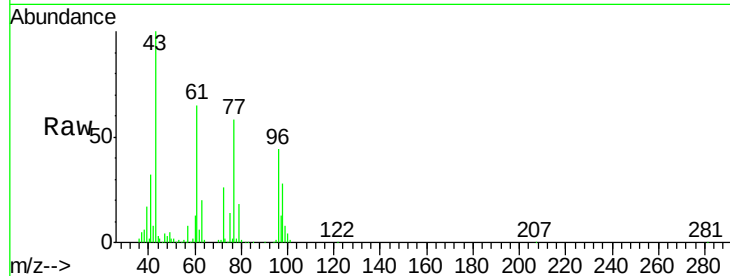


#27

cis-1,2-Dichloroethene
Concen: 49.860 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

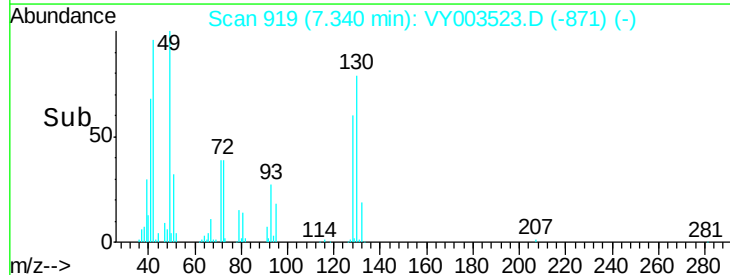
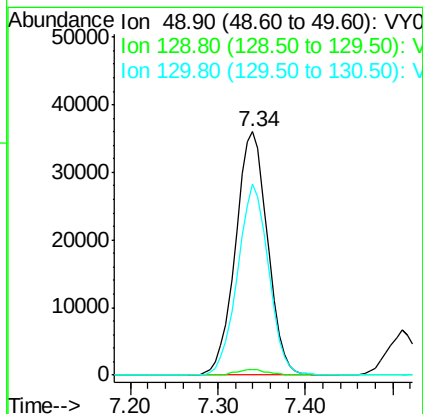
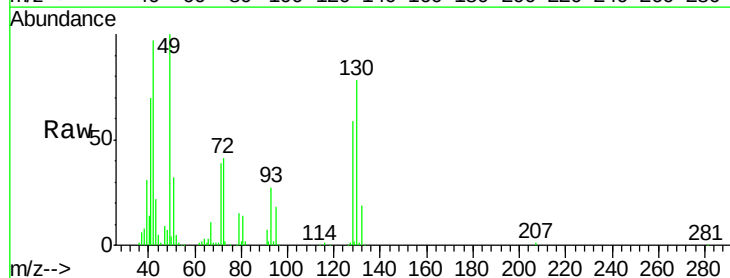
Tot Ion	96	Resp	118336
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	299.2
98	64.2	0.0	128.6

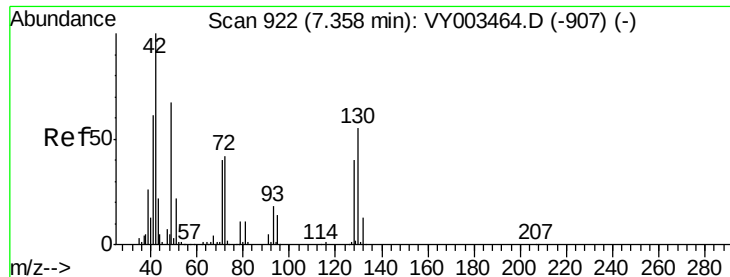


#28

Bromochloromethane
Concen: 47.362 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion	49	Resp	91646
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.9	60.0	90.0





#29

Tetrahydrofuran

Concen: 222.646 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

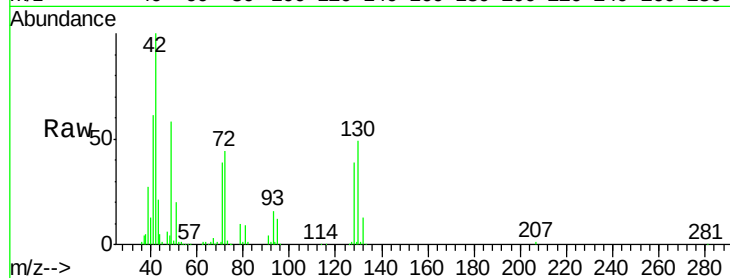
Tot Ion: 42 Resp: 114055

Ion Ratio Lower Upper

42 100

72 40.7 32.8 49.2

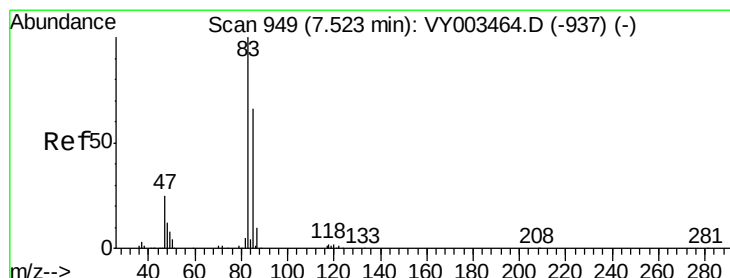
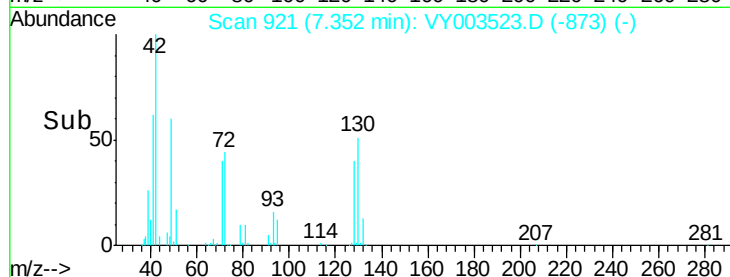
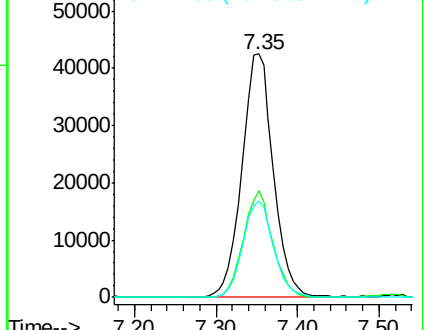
71 38.4 30.7 46.1



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: 50.252 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003523.D

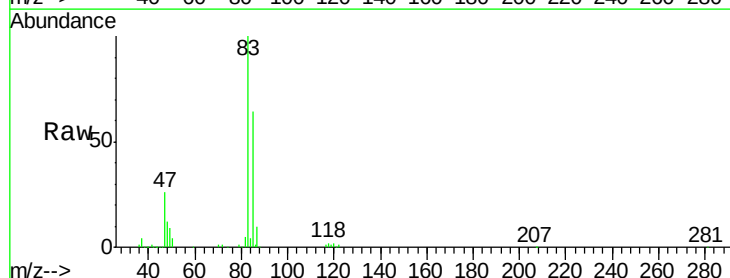
Acq: 12 Nov 2020 09:54

Tgt Ion: 83 Resp: 189847

Ion Ratio Lower Upper

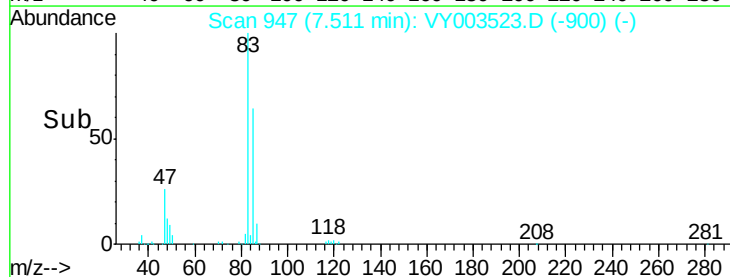
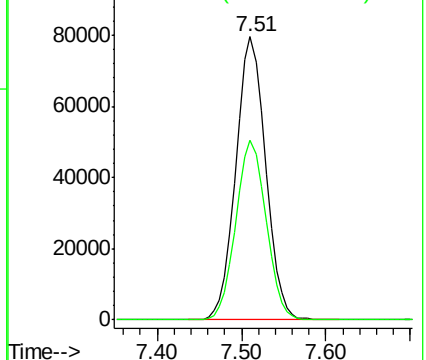
83 100

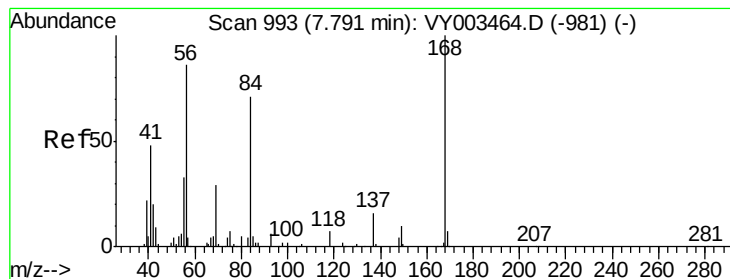
85 63.6 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.738 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

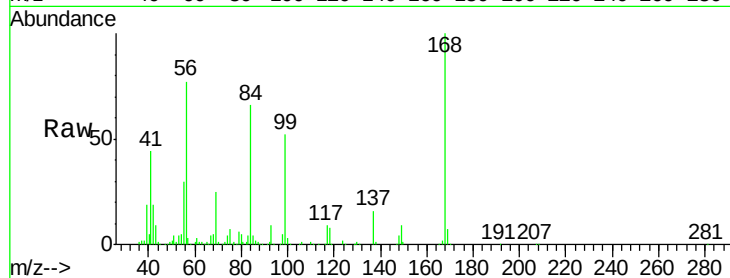
Tot Ion: 56 Resp: 162892

Ion Ratio Lower Upper

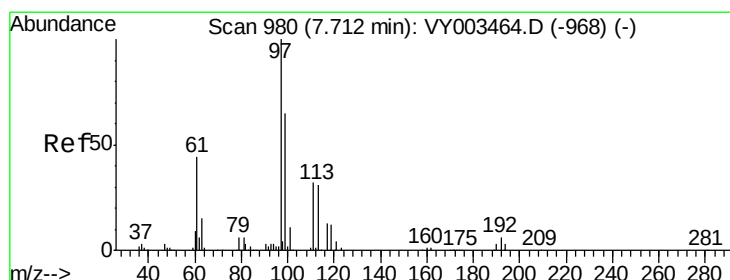
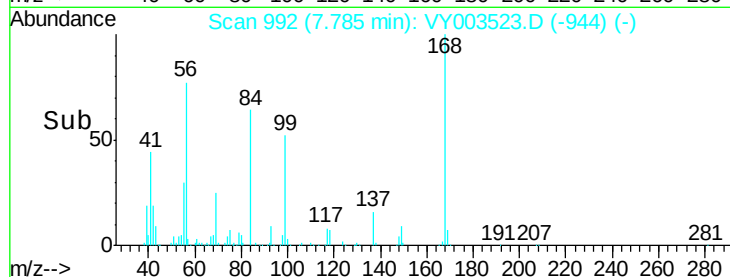
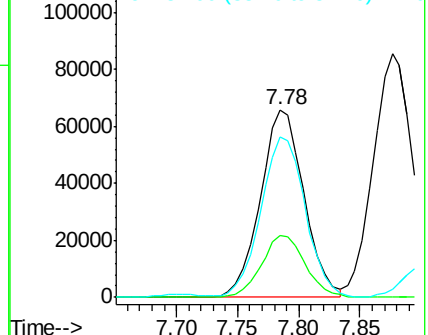
56 100

69 32.8 26.6 39.8

84 83.9 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.502 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

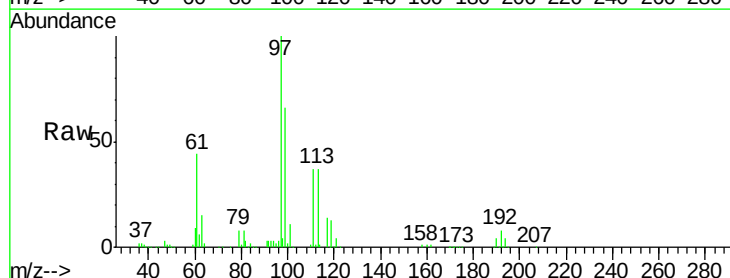
Tgt Ion: 97 Resp: 177991

Ion Ratio Lower Upper

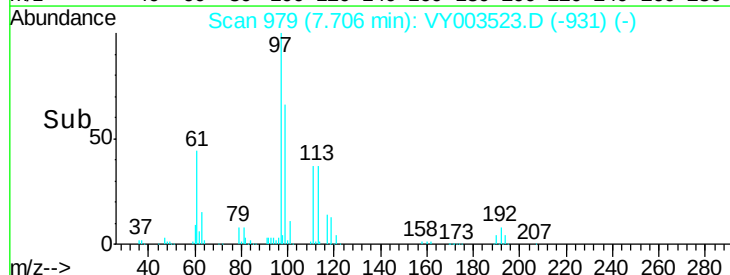
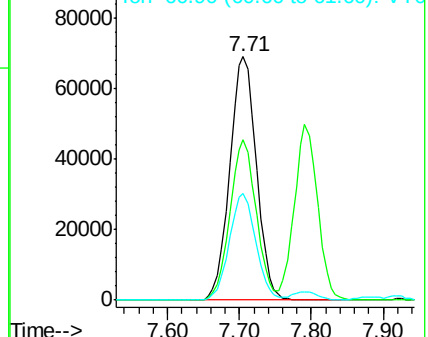
97 100

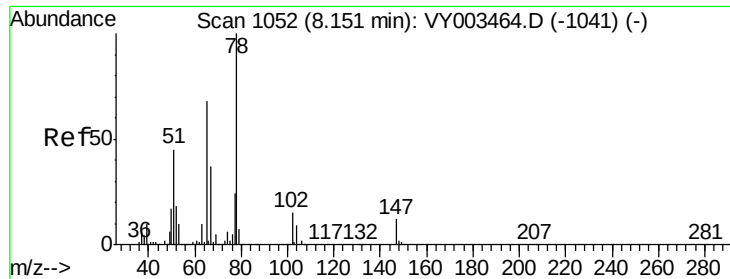
99 65.2 51.6 77.4

61 43.6 35.1 52.7



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

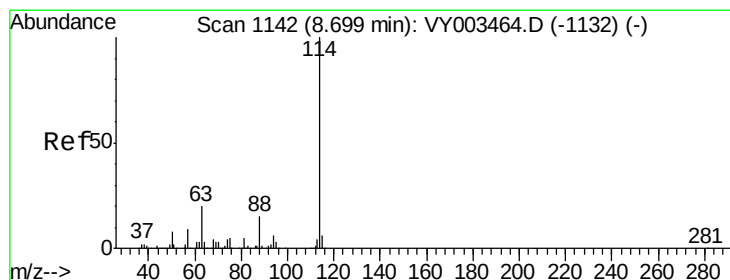
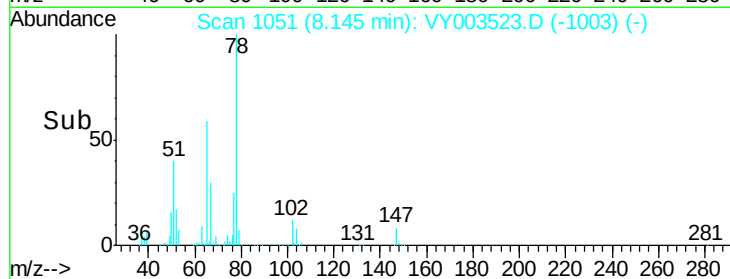
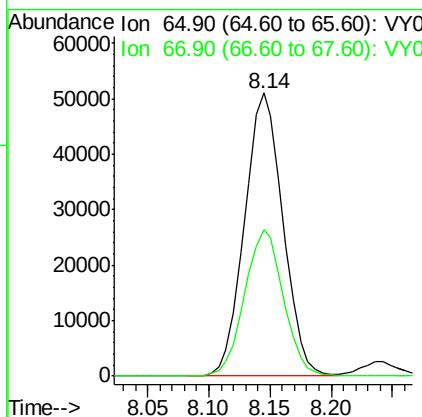
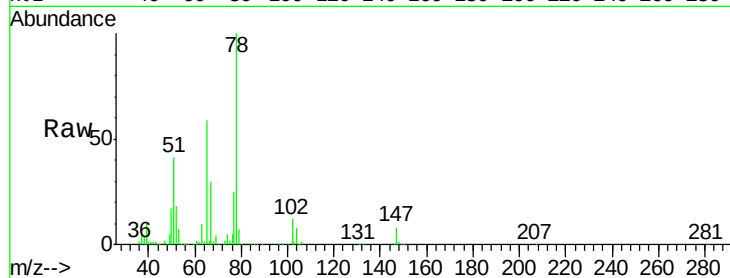




#33
 1,2-Dichloroethane-d4
 Concen: 46.921 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

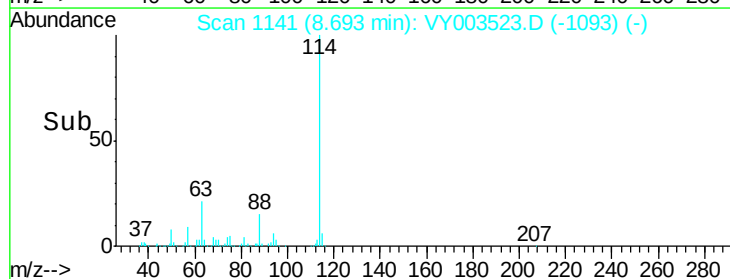
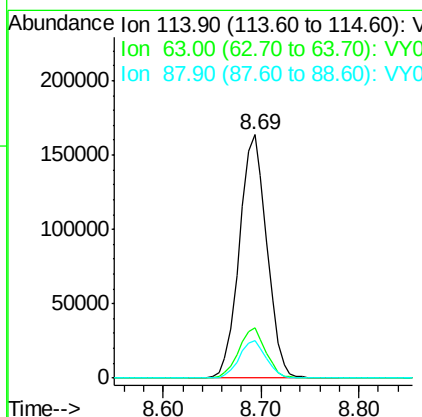
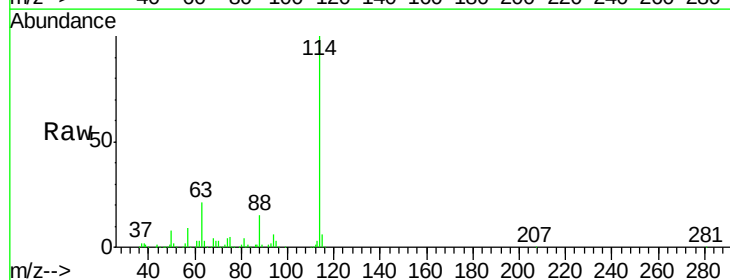
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

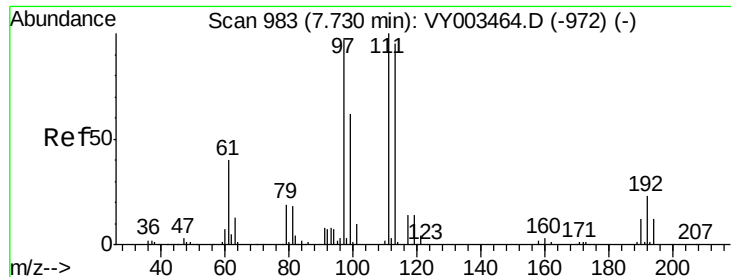
Tot Ion: 65 Resp: 111491
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 114 Resp: 319084
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.6
 88 15.2 0.0 29.4

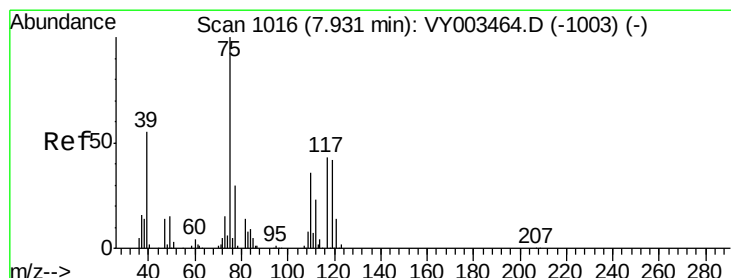
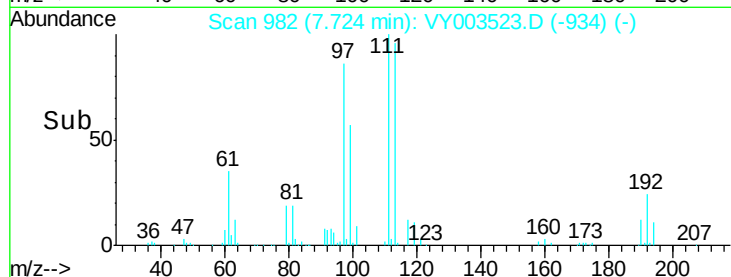
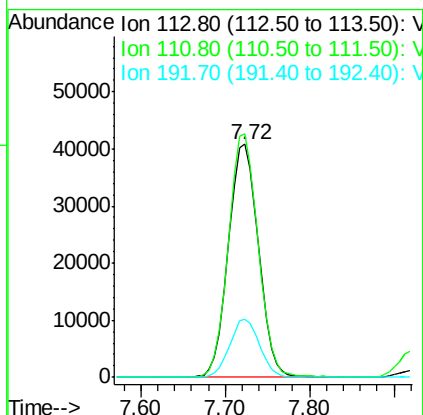
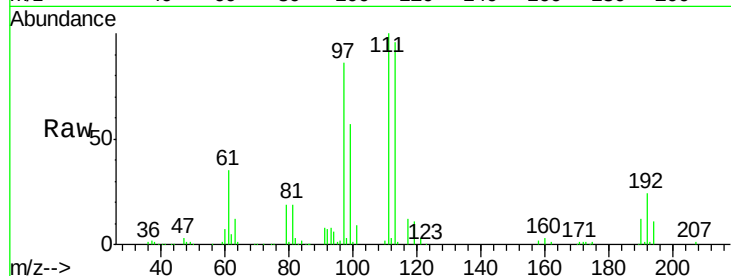




#35
 Dibromofluoromethane
 Concen: 51.046 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

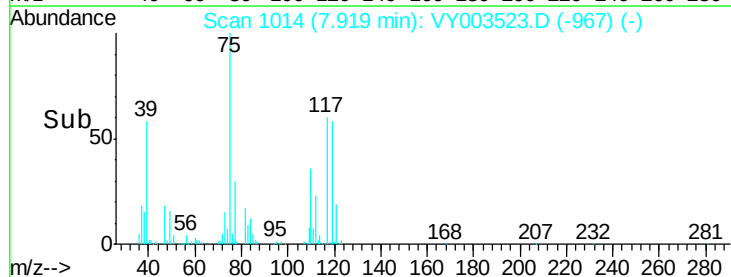
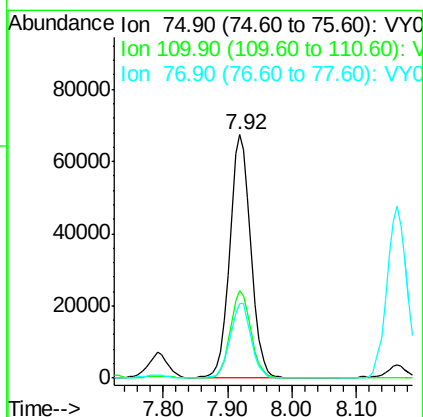
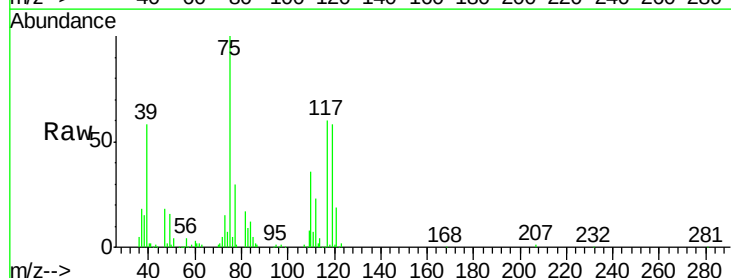
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

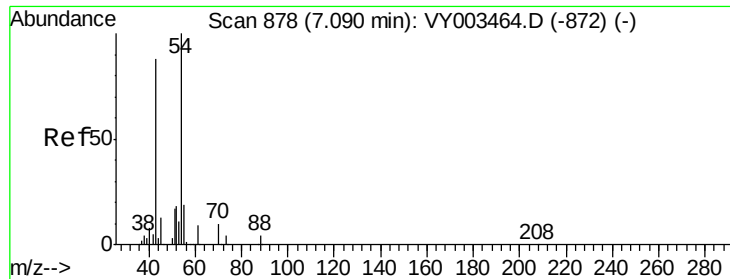
Tot Ion:113 Resp: 99117
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 24.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 51.363 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 75 Resp: 154524
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.6 52.9
 77 30.8 24.7 37.1

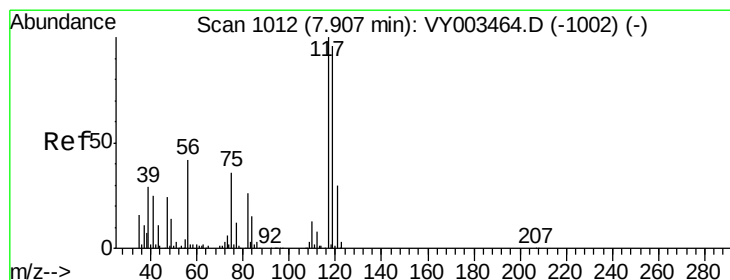
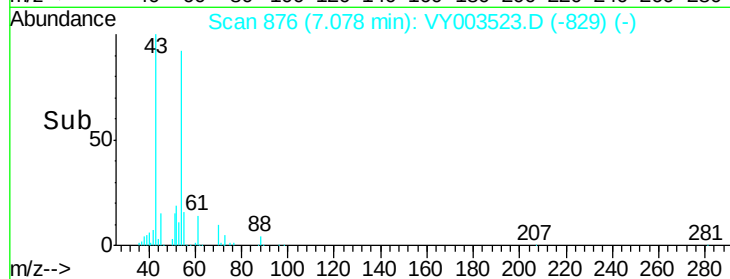
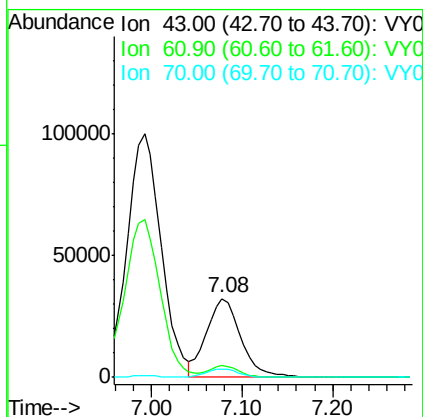
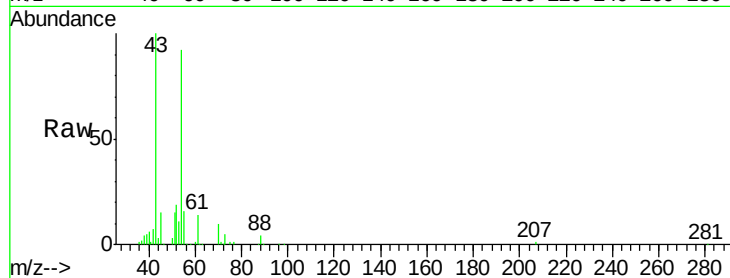




#37
Ethyl Acetate
Concen: 45.595 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

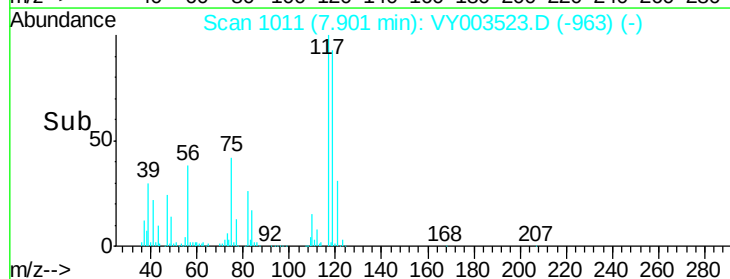
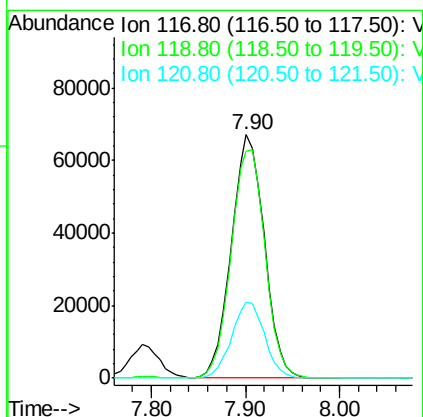
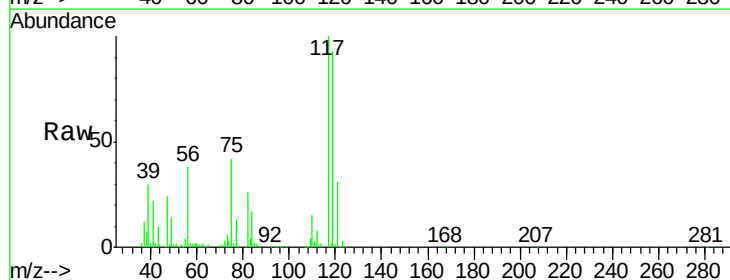
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

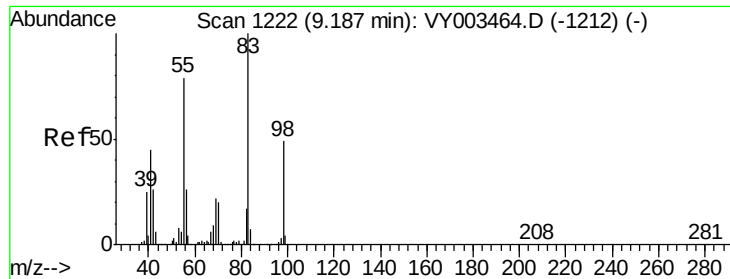
Tot Ion: 43 Resp: 85177
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.503 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 117 Resp: 163864
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.4
121 31.2 24.2 36.4

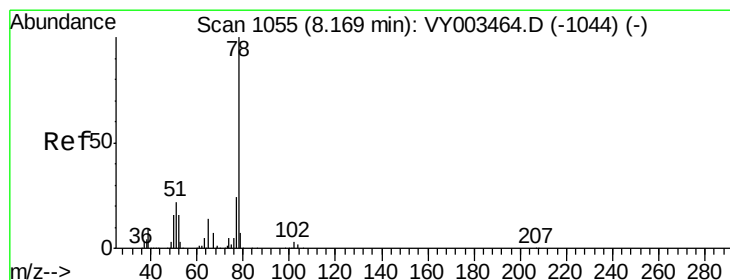
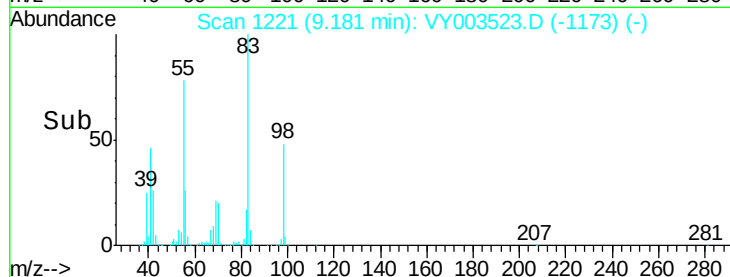
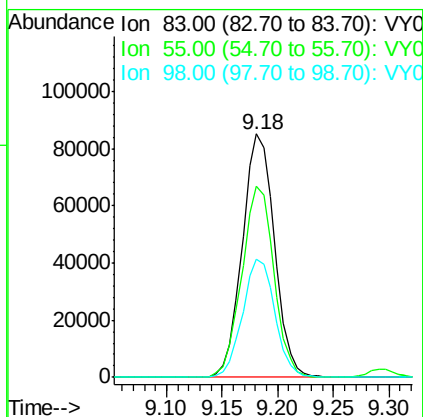
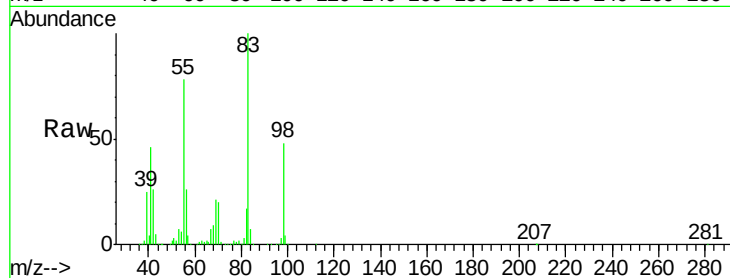




#39
Methylvlcyclohexane
Concen: 51.103 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

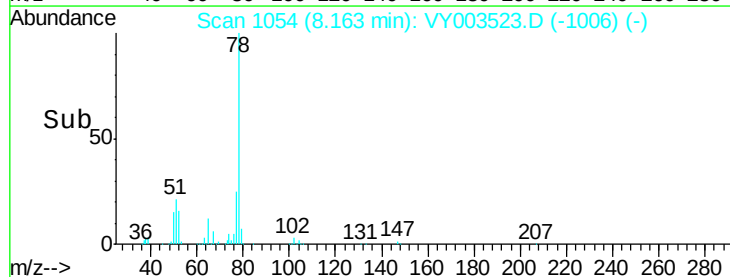
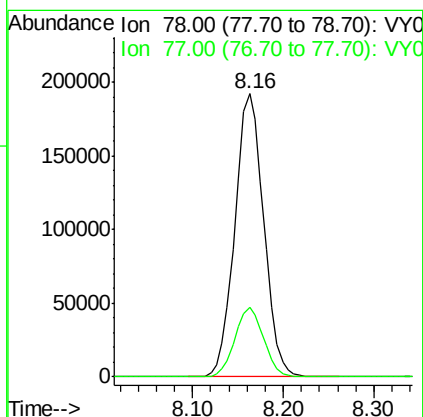
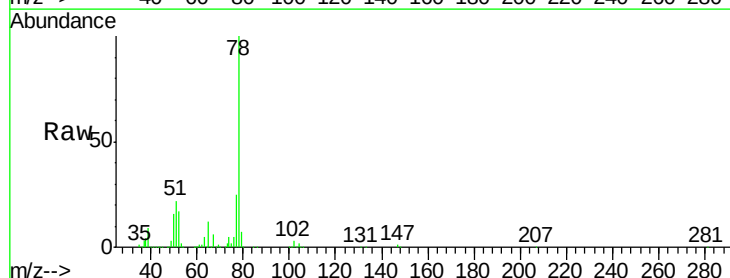
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

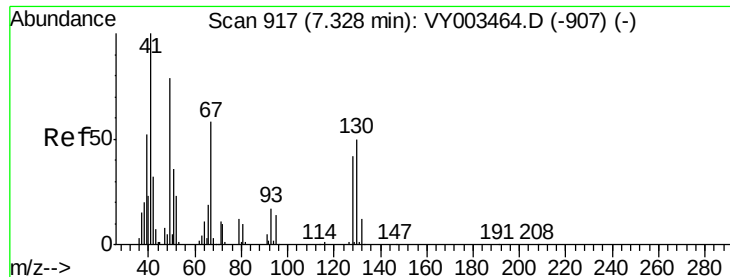
Tot Ion: 83 Resp: 171187
Ion Ratio Lower Upper
83 100
55 78.3 63.5 95.3
98 48.3 39.4 59.2



#40
Benzene
Concen: 50.687 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 78 Resp: 424366
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

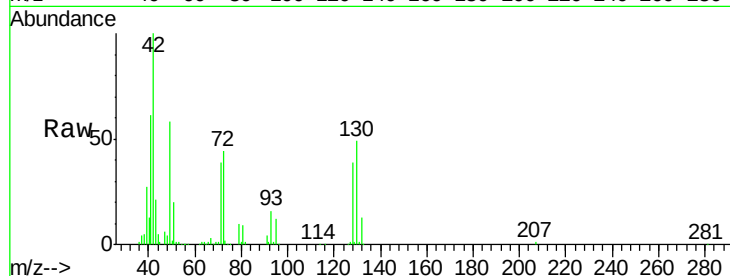




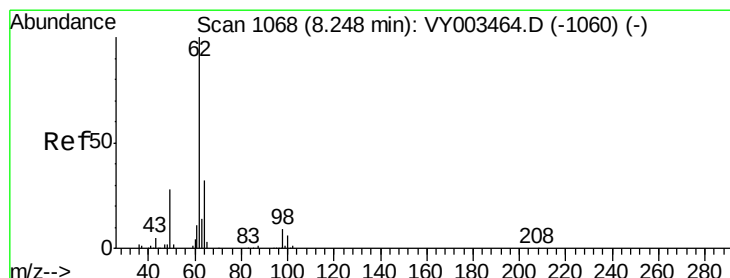
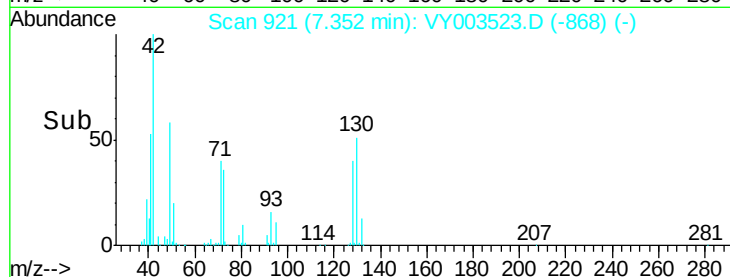
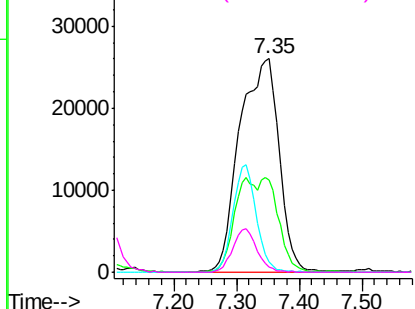
#41
Methacrylonitrile
Concen: 113.281 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	113008
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

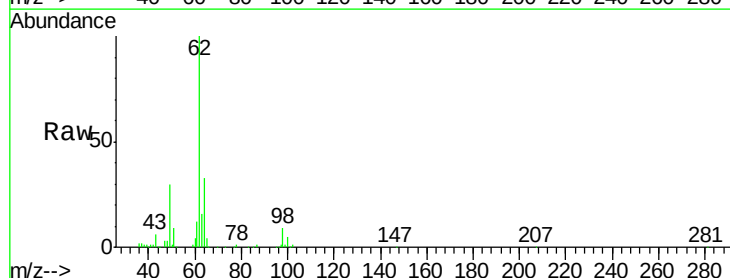


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

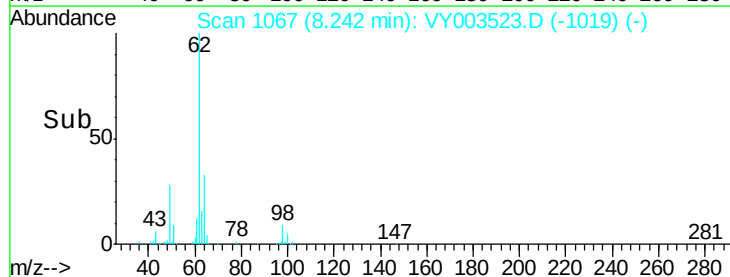
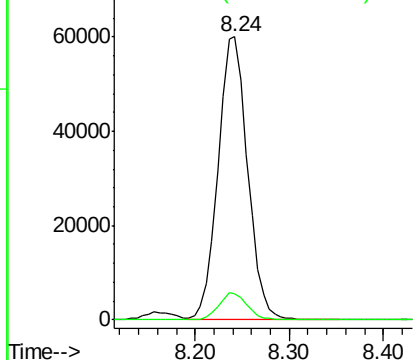


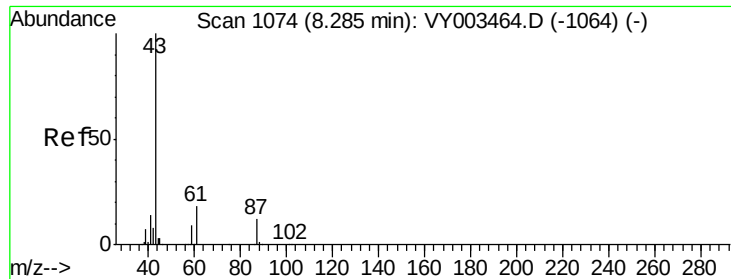
#42
1,2-Dichloroethane
Concen: 49.669 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:	62	Resp:	130299
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 47.270 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

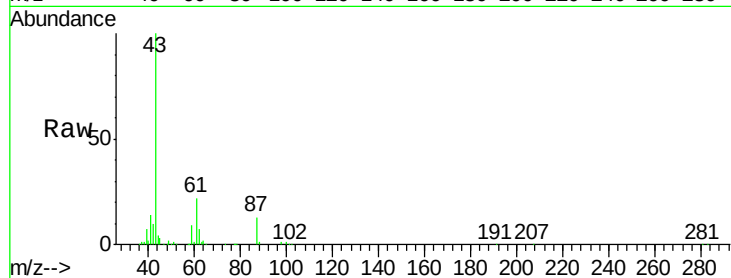
Tot Ion: 43 Resp: 158701

Ion Ratio Lower Upper

43 100

61 28.3 21.9 32.9

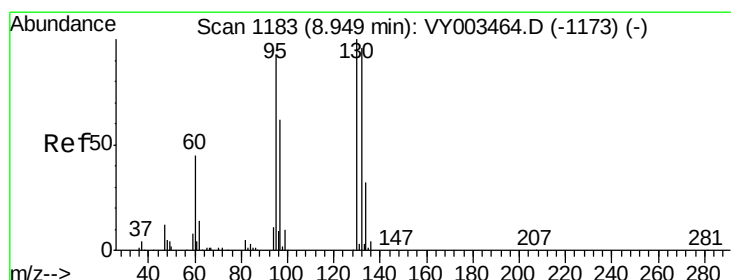
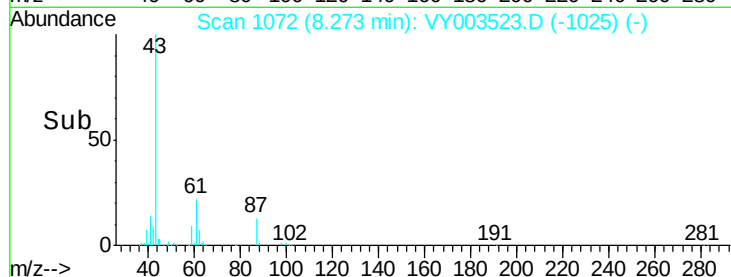
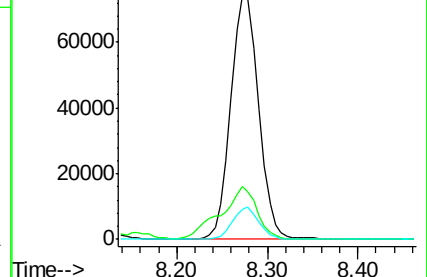
87 12.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003523.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY003523.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY003523.D (-1072) (-)



#44

Trichloroethene

Concen: 52.482 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003523.D

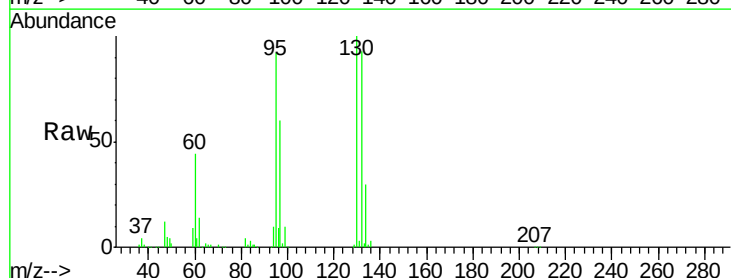
Acq: 12 Nov 2020 09:54

Tgt Ion:130 Resp: 123351

Ion Ratio Lower Upper

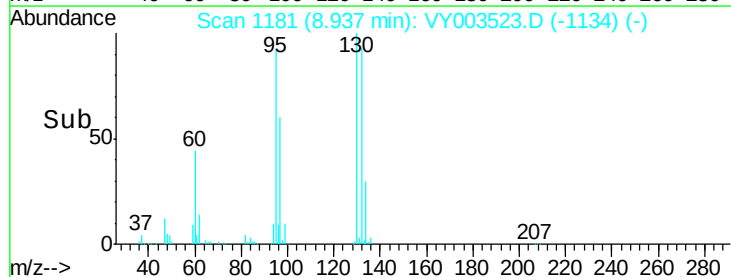
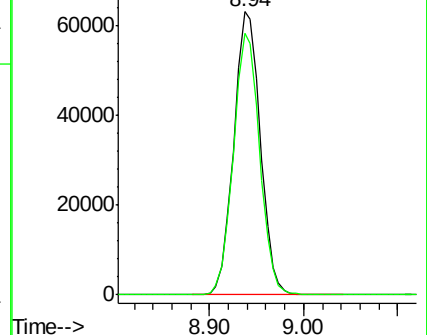
130 100

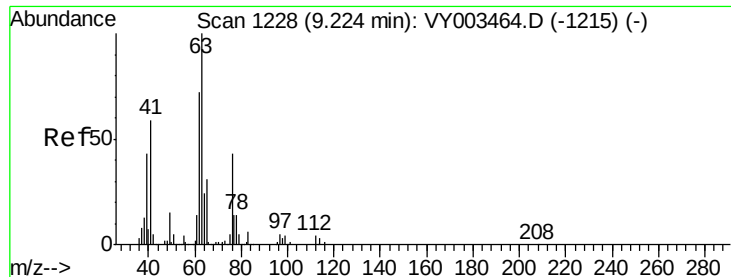
95 92.4 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003523.D (-1181) (-)

Ion 94.90 (94.60 to 95.60): VY003523.D (-1181) (-)





#45

1,2-Dichloropropane

Concen: 50.990 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

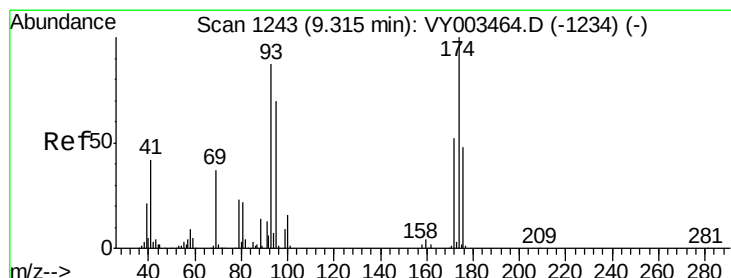
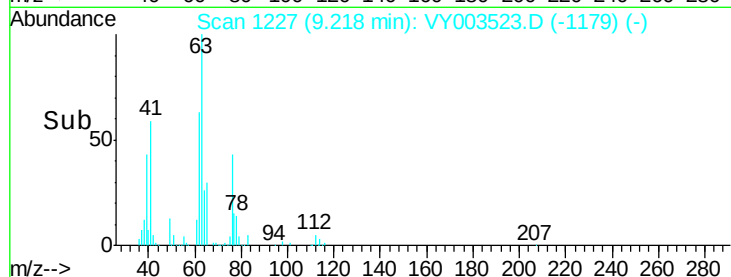
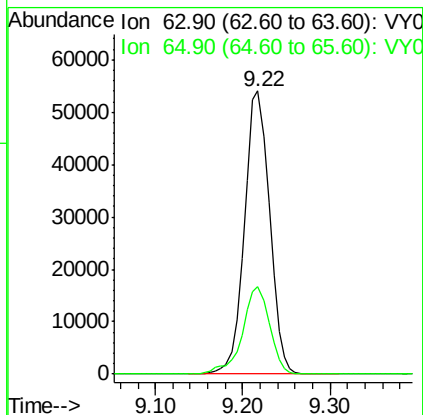
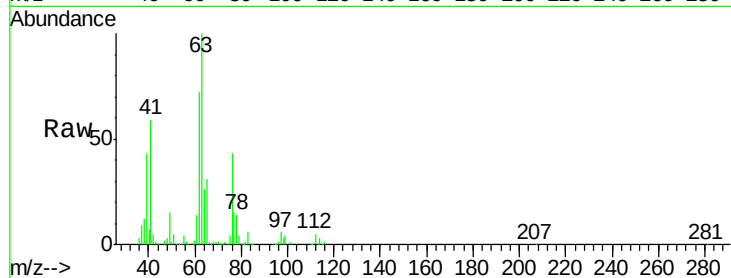
VSTDCCC050

Tot Ion: 63 Resp: 107807

Ion Ratio Lower Upper

63 100

65 31.0 24.6 36.8



#46

Dibromomethane

Concen: 49.831 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

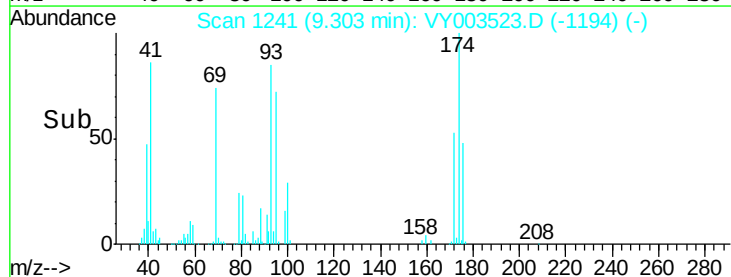
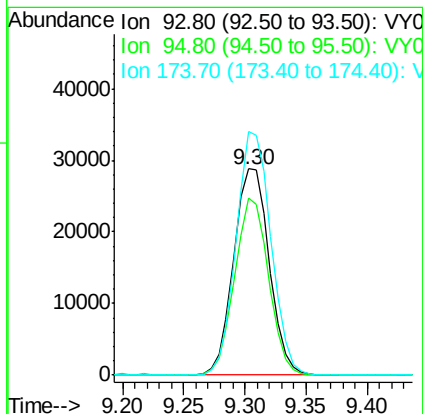
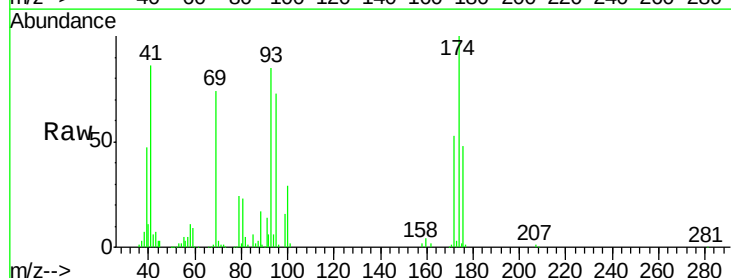
Tgt Ion: 93 Resp: 57964

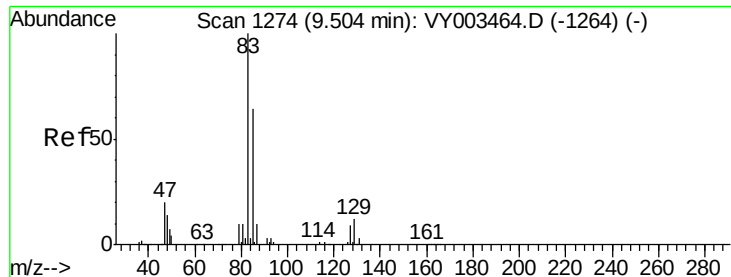
Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.6

174 116.3 91.8 137.6





#47

Bromodichloromethane

Concen: 52.108 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

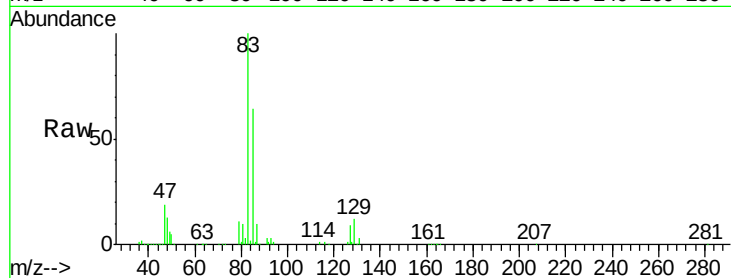
Tot Ion: 83 Resp: 148352

Ion Ratio Lower Upper

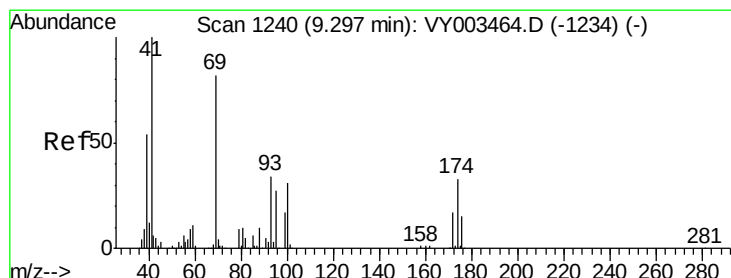
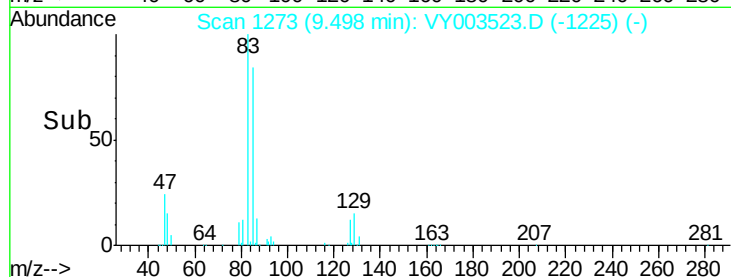
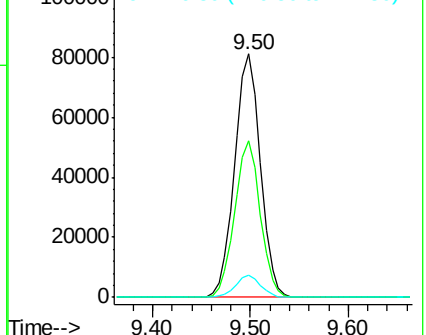
83 100

85 64.4 51.0 76.6

127 9.2 7.1 10.7



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



#48

Methyl methacrylate

Concen: 48.620 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

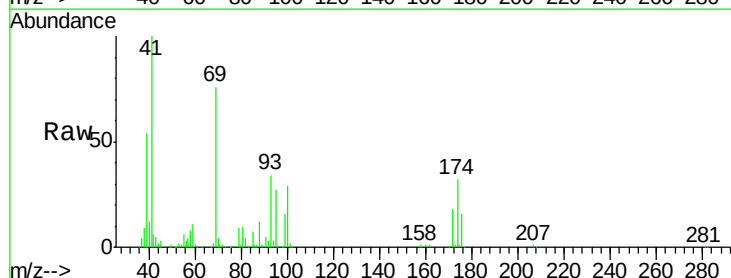
Tgt Ion: 41 Resp: 76893

Ion Ratio Lower Upper

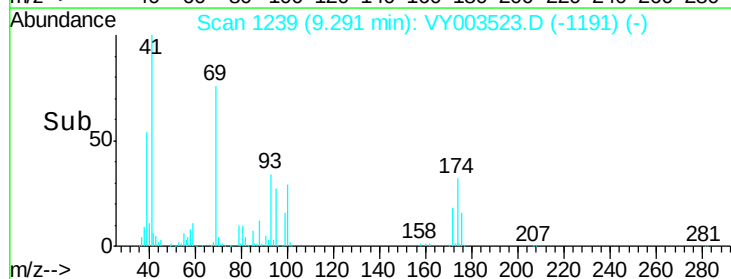
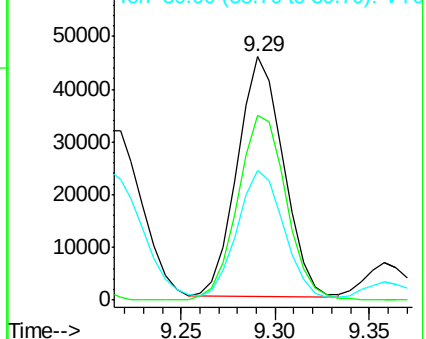
41 100

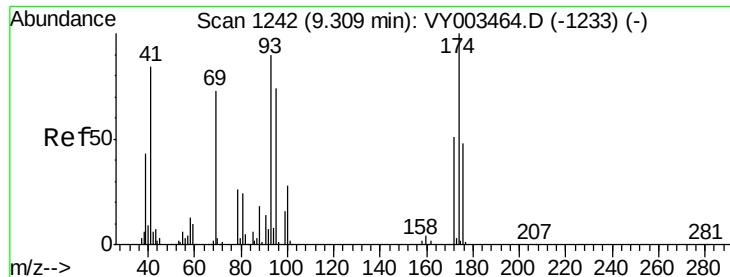
69 81.5 65.9 98.9

39 56.1 43.2 64.8



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: 956.603 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

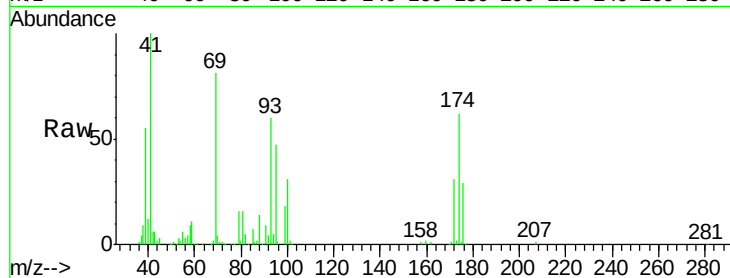
Tot Ion: 88 Resp: 13884

Ion Ratio Lower Upper

88 100

43 38.6 27.6 41.4

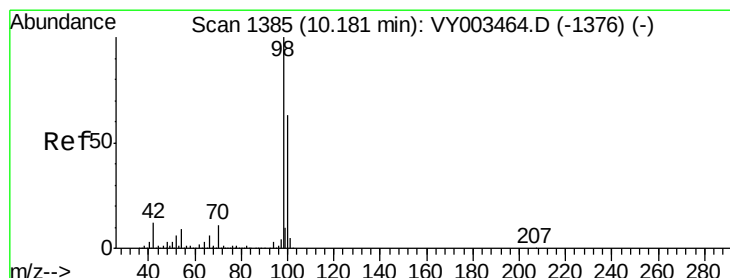
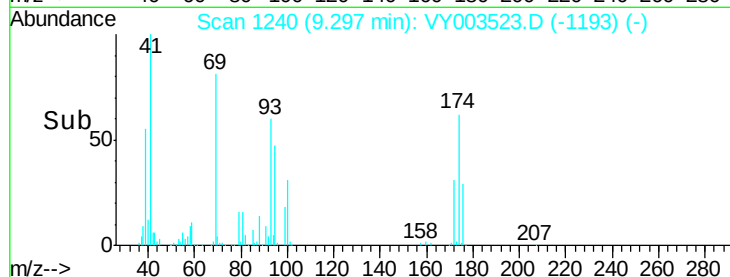
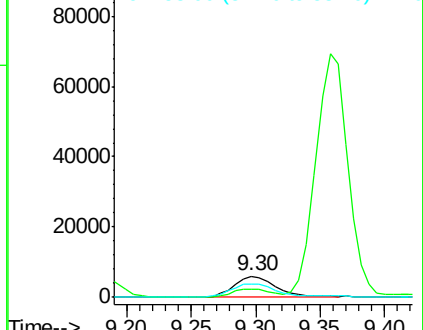
58 70.4 54.2 81.2



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: 49.859 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003523.D

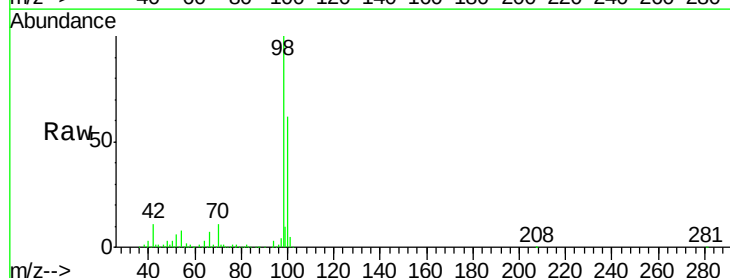
Acq: 12 Nov 2020 09:54

Tgt Ion: 98 Resp: 402742

Ion Ratio Lower Upper

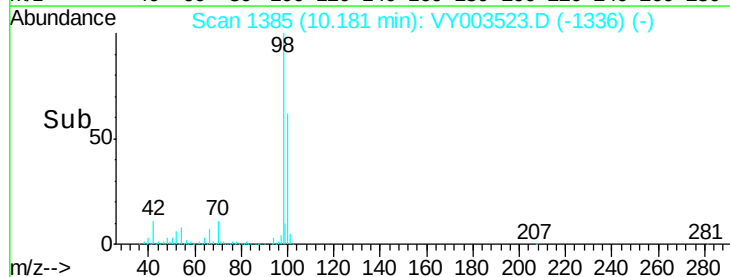
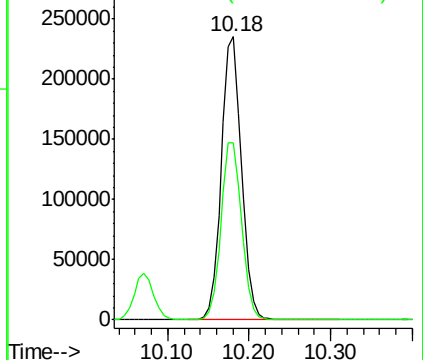
98 100

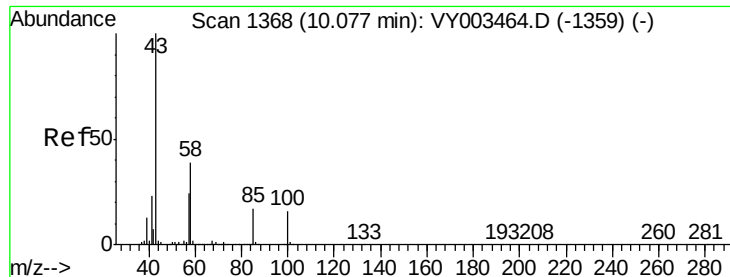
100 64.3 50.9 76.3



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: 239.945 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

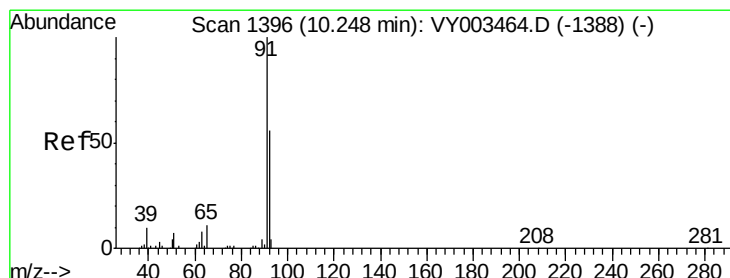
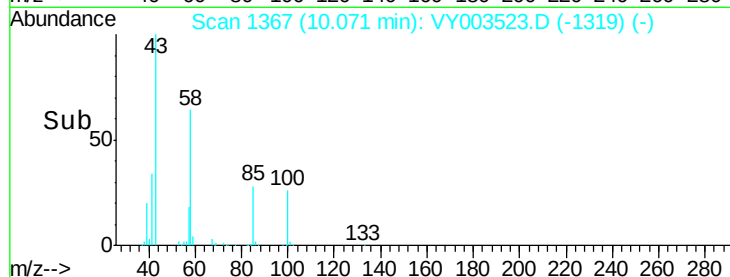
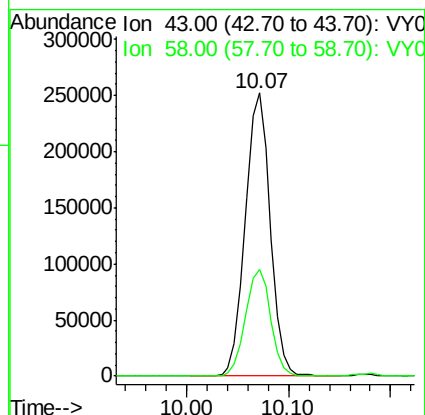
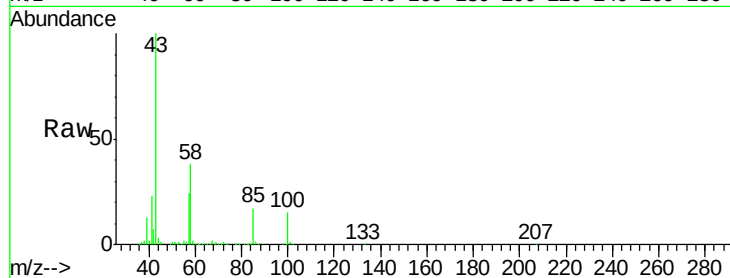
VSTDCCC050

Tot Ion: 43 Resp: 429212

Ion Ratio Lower Upper

43 100

58 38.1 31.0 46.4



#52

Toluene

Concen: 51.909 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003523.D

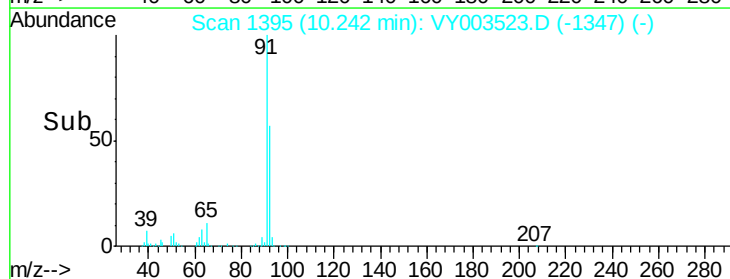
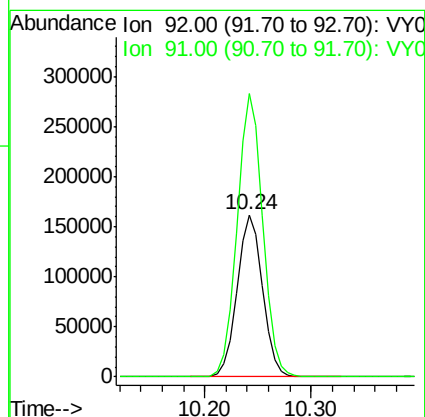
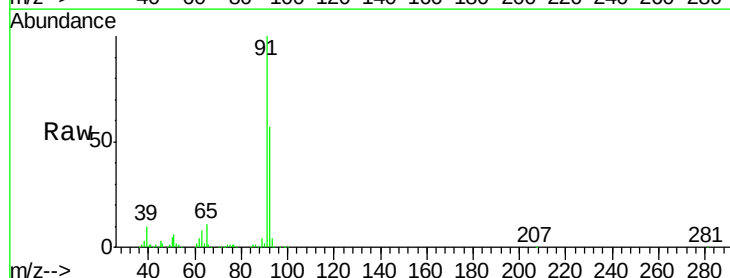
Acq: 12 Nov 2020 09:54

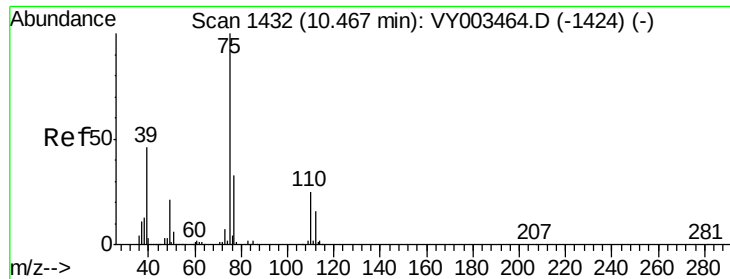
Tgt Ion: 92 Resp: 271824

Ion Ratio Lower Upper

92 100

91 175.4 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 51.283 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

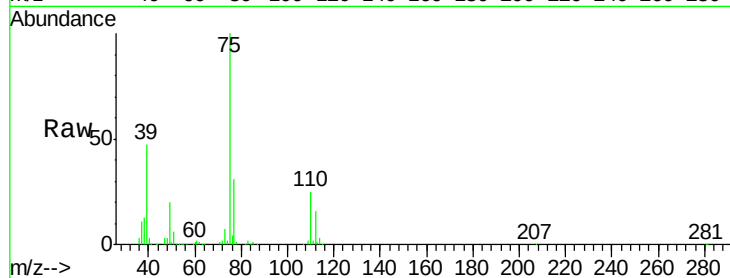
VSTDCCC050

Tot Ion: 75 Resp: 155377

Ion Ratio Lower Upper

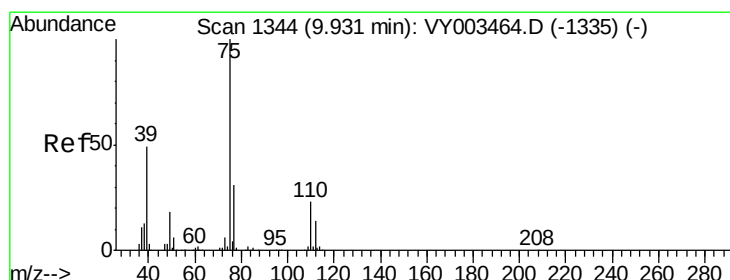
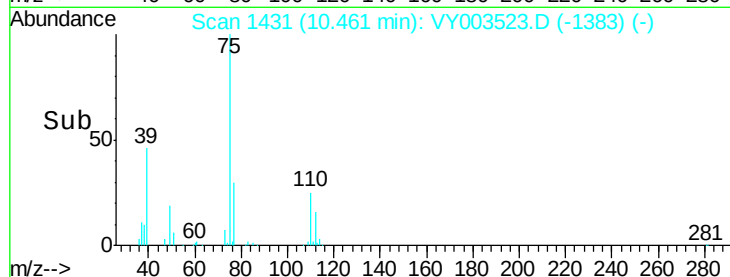
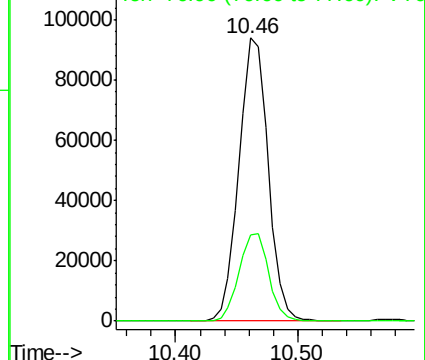
75 100

77 30.5 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 51.557 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

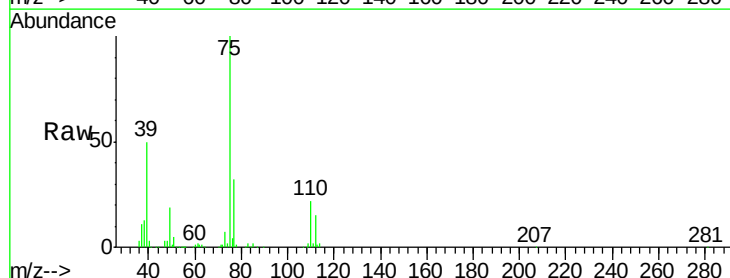
Tgt Ion: 75 Resp: 175779

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7

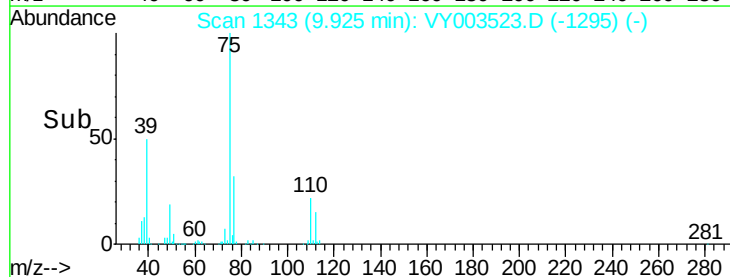
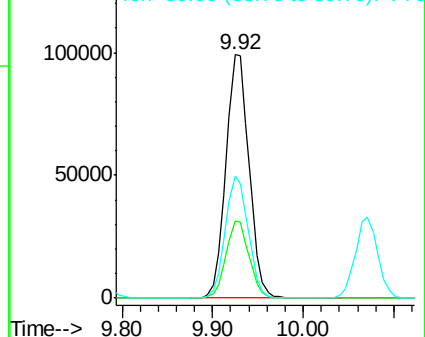
39 49.9 39.0 58.4

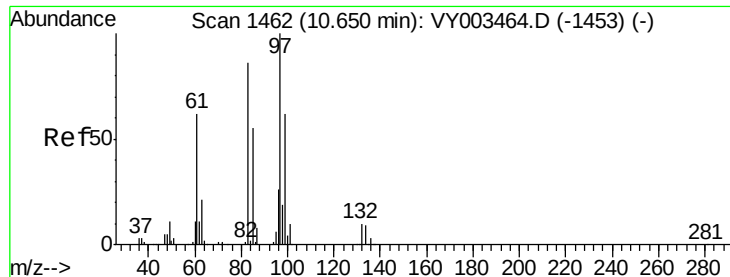


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

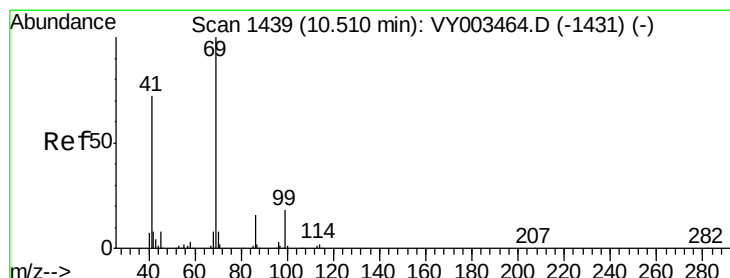
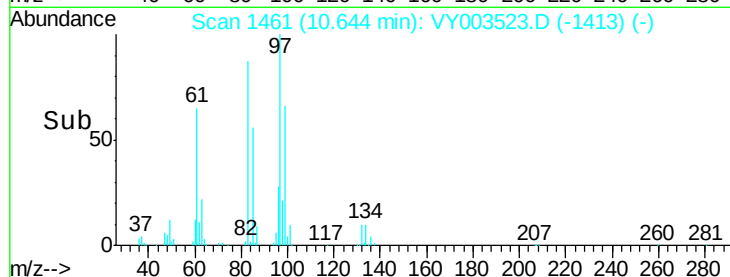
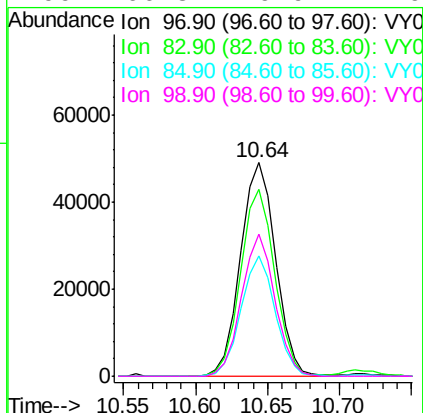
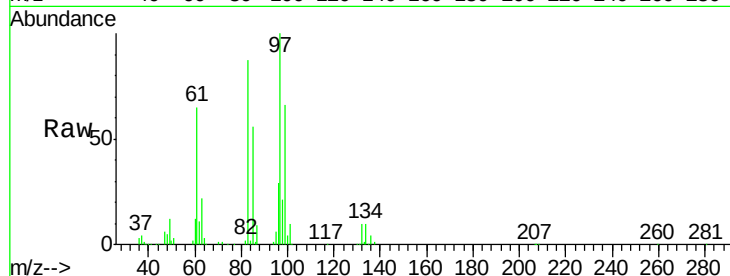




#55
 1,1,2-Trichloroethane
 Concen: 50.256 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

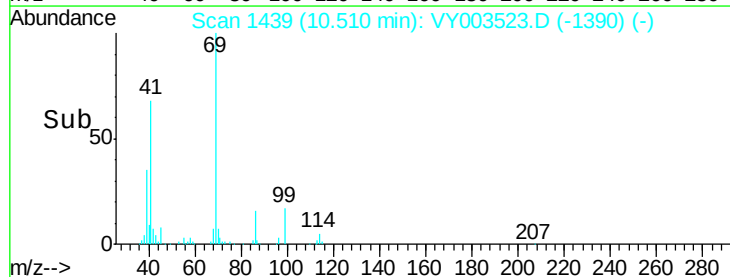
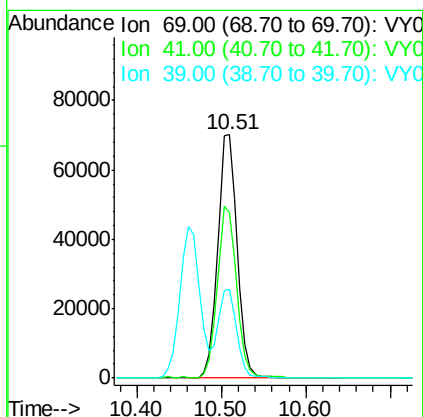
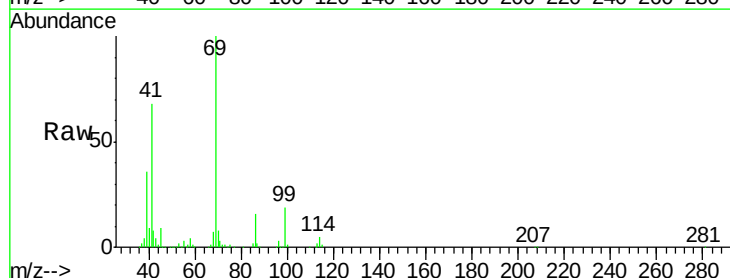
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

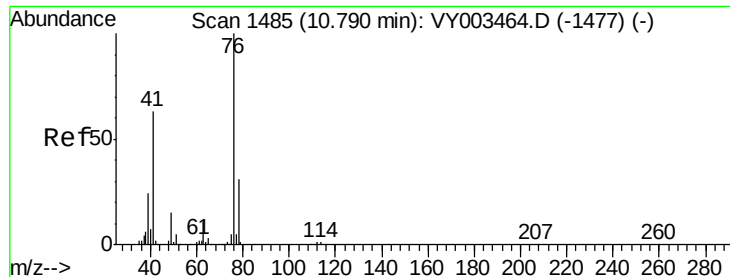
Tot Ion: 97 Resp: 82983
 Ion Ratio Lower Upper
 97 100
 83 87.4 68.6 102.8
 85 56.2 43.8 65.6
 99 66.3 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 50.899 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 69 Resp: 112574
 Ion Ratio Lower Upper
 69 100
 41 70.2 55.4 83.2
 39 35.5 28.7 43.1





#57

1,3-Dichloropropane

Concen: 50.853 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

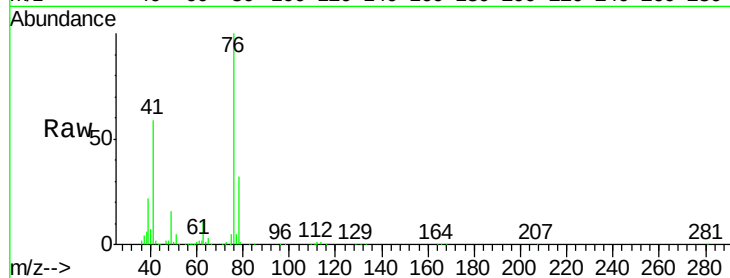
VSTDCCC050

Tot Ion: 76 Resp: 146008

Ion Ratio Lower Upper

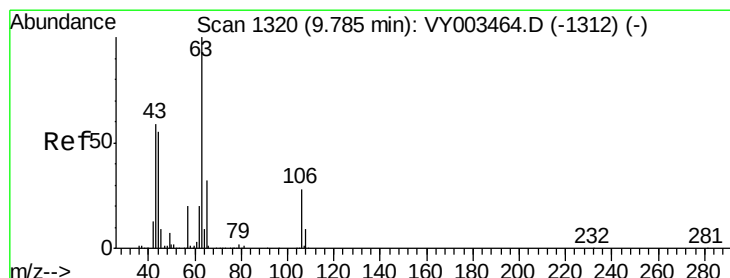
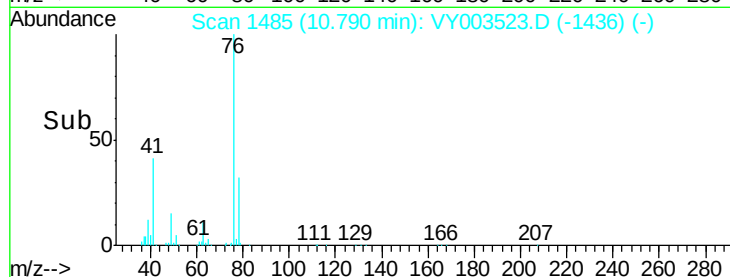
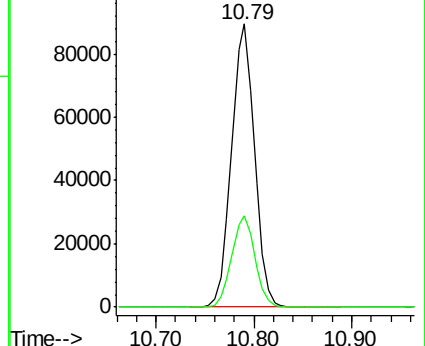
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 248.315 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003523.D

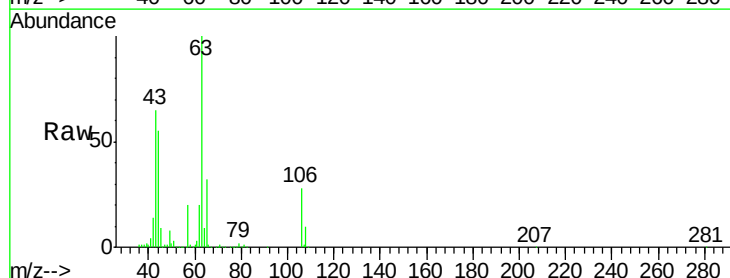
Acq: 12 Nov 2020 09:54

Tgt Ion: 63 Resp: 278411

Ion Ratio Lower Upper

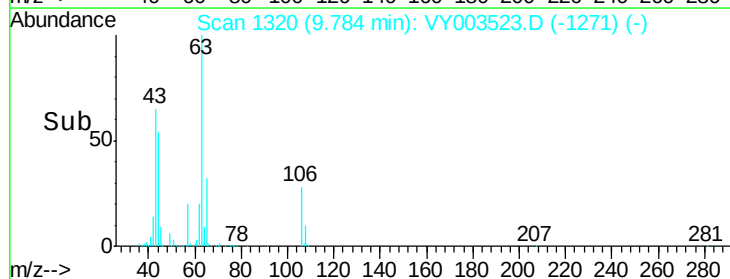
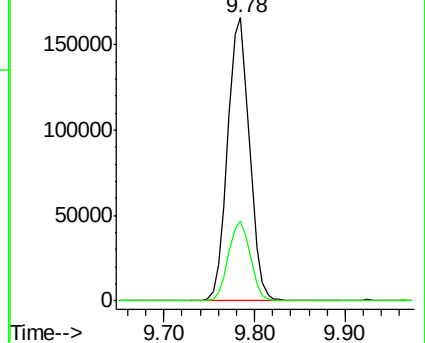
63 100

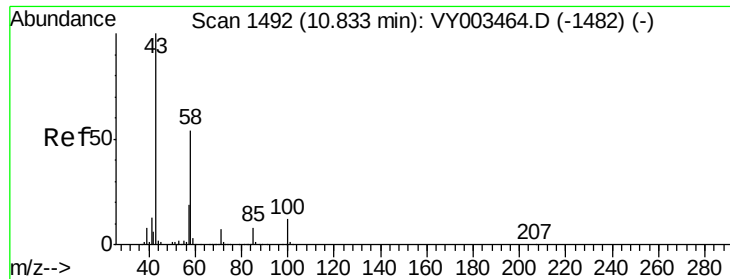
106 28.2 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

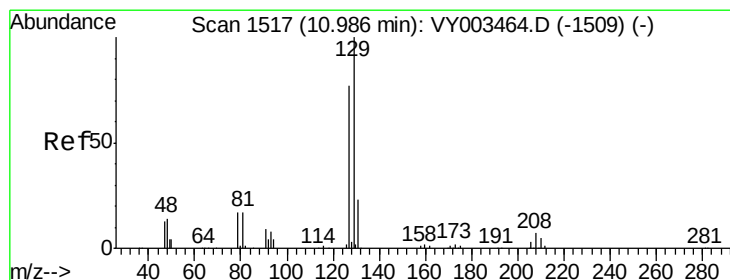
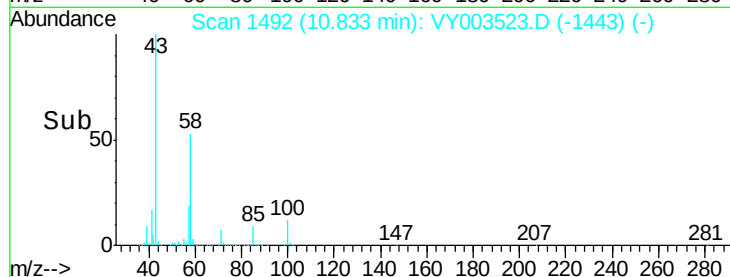
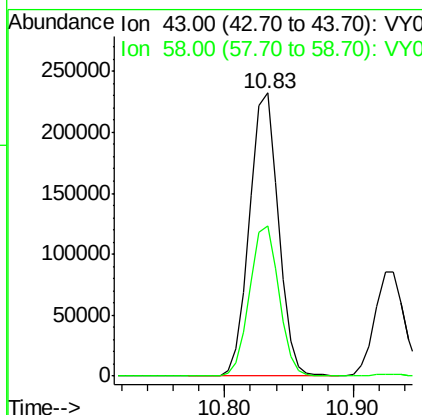
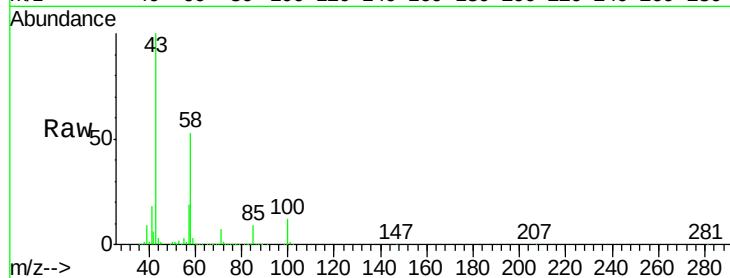




#59
2-Hexanone
Concen: 271.399 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

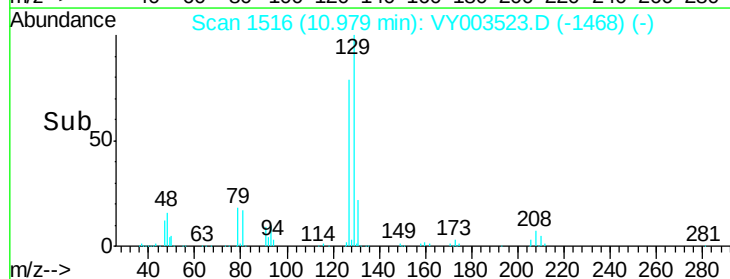
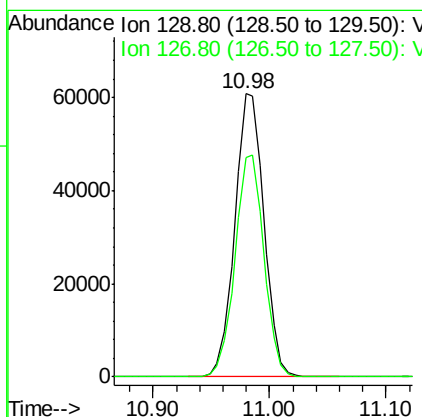
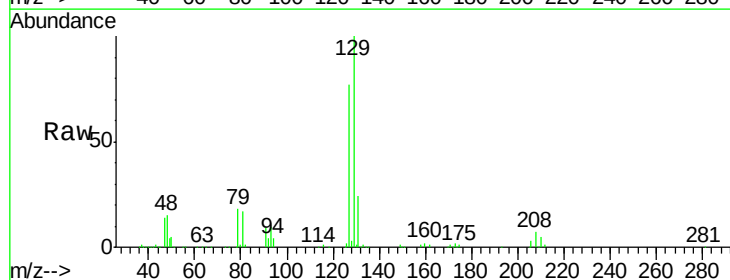
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

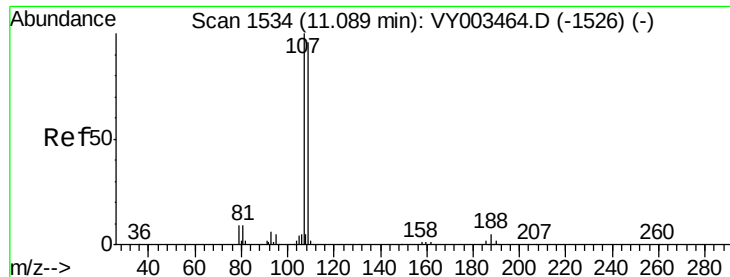
Tot Ion: 43 Resp: 359450
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.3



#60
Dibromochloromethane
Concen: 52.197 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 129 Resp: 105931
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3

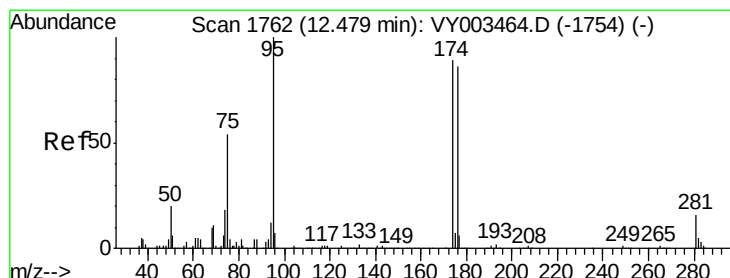
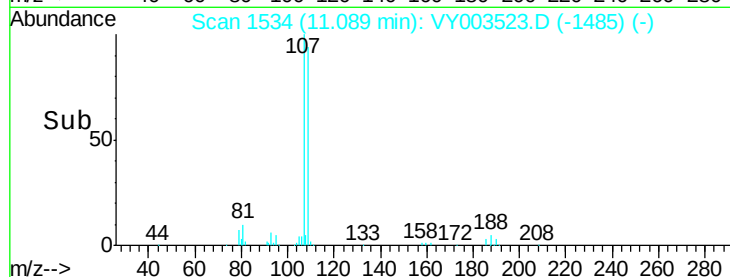
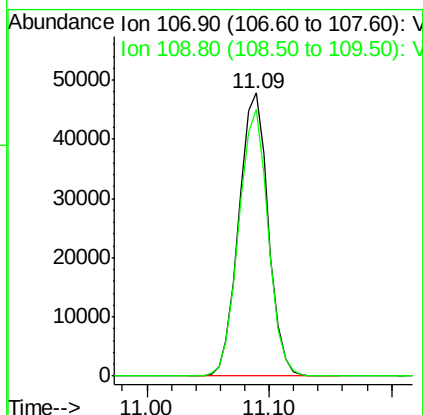
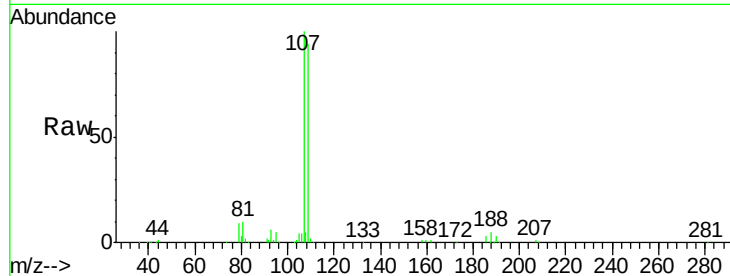




#61
 1,2-Dibromoethane
 Concen: 49.998 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

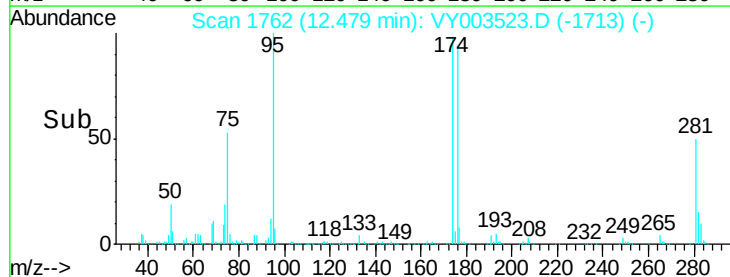
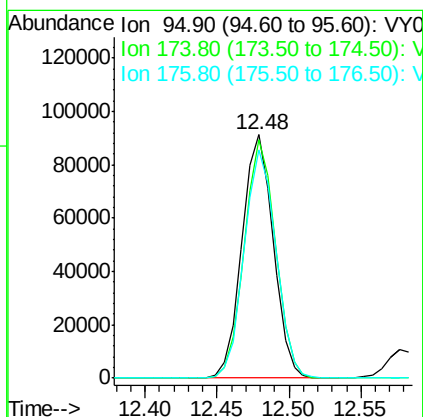
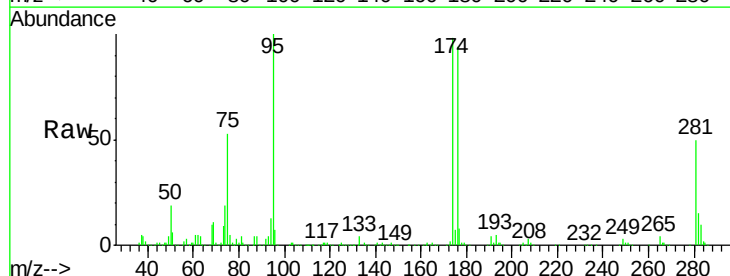
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

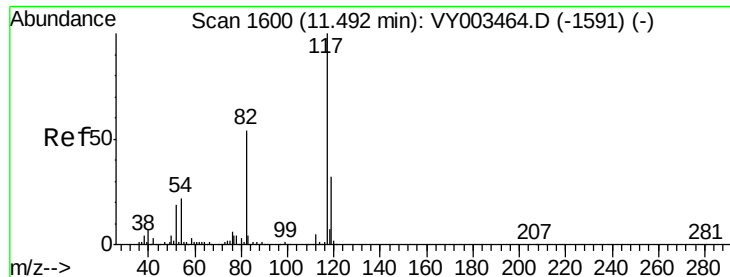
Tot Ion:107 Resp: 79703
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.404 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion: 95 Resp: 137577
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 193.0
 176 94.5 0.0 187.4

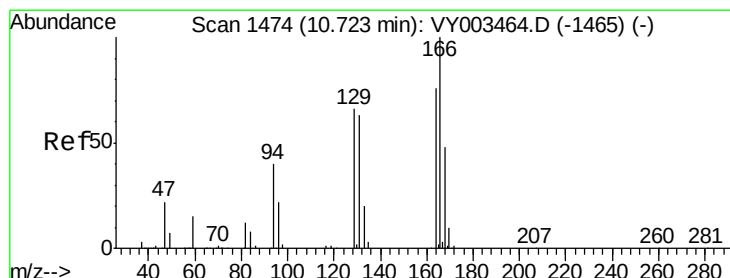
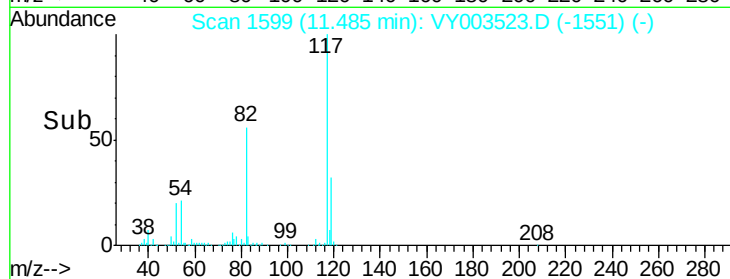
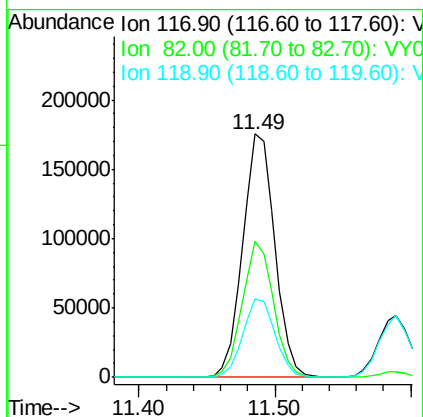
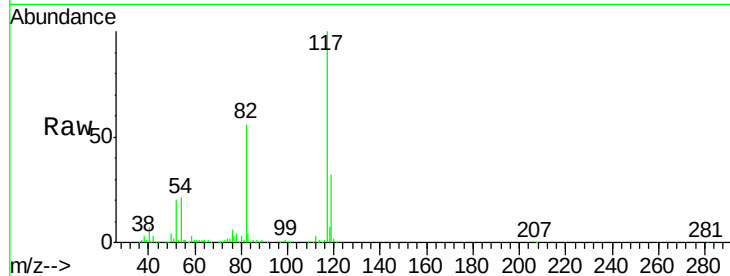




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

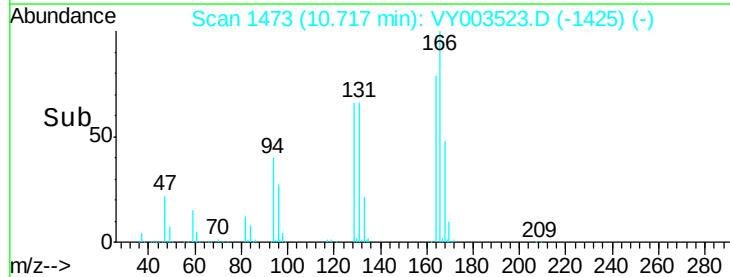
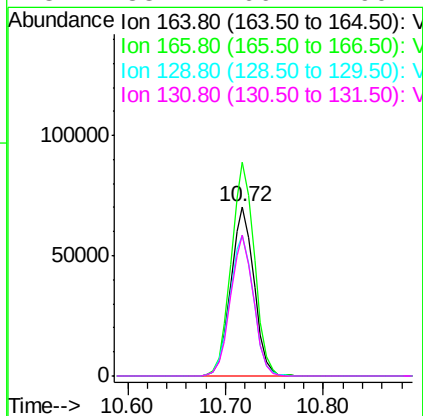
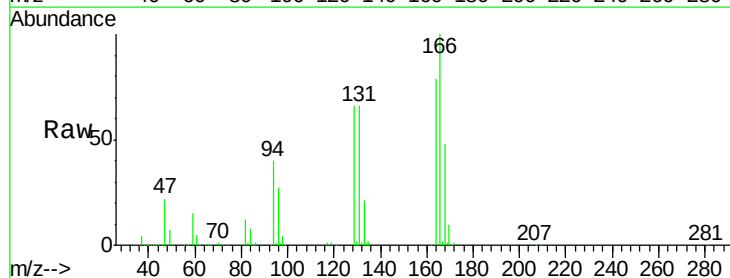
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

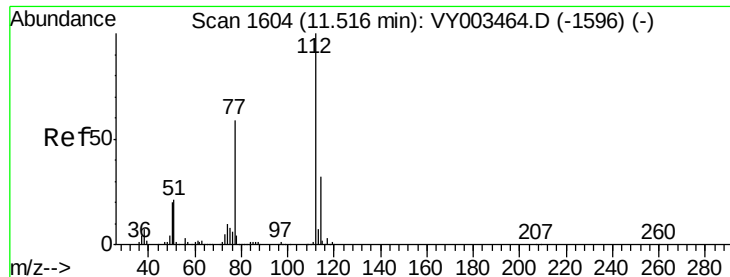
Tot Ion:117 Resp: 289550
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 53.344 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:164 Resp: 115350
Ion Ratio Lower Upper
164 100
166 126.0 104.9 157.3
129 83.1 68.9 103.3
131 83.4 66.2 99.2

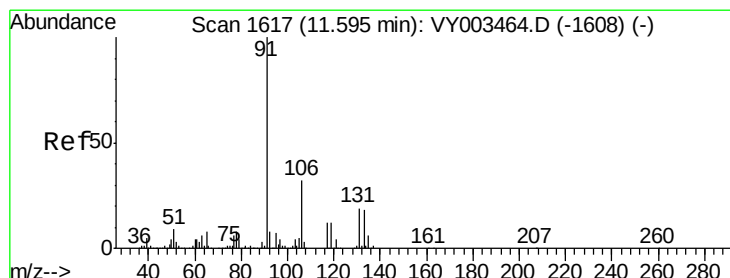
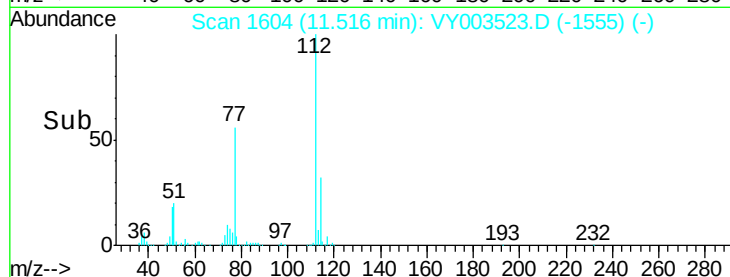
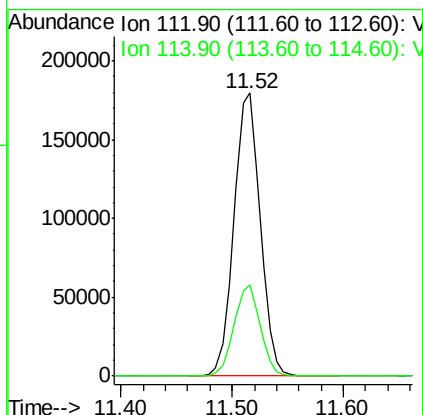
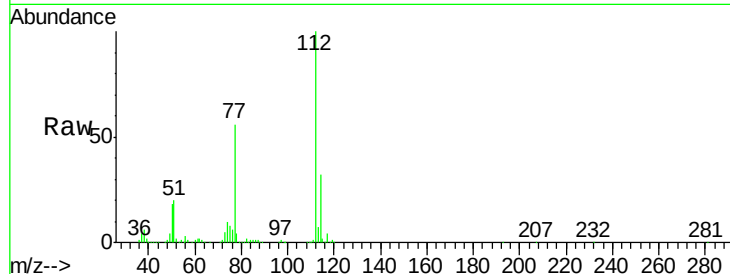




#65
Chlorobenzene
Concen: 52.086 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

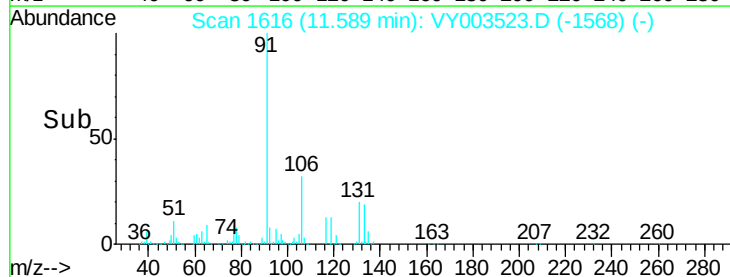
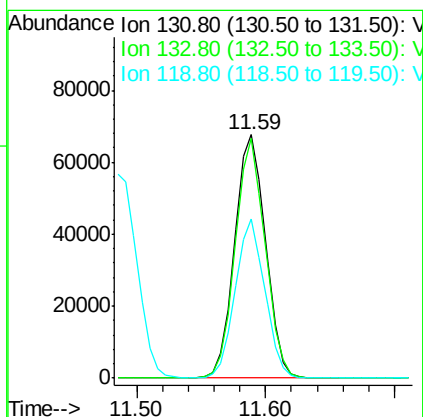
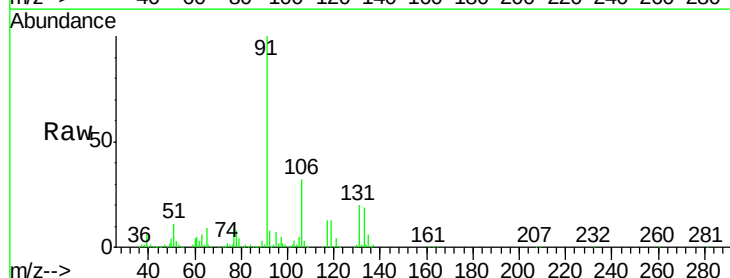
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

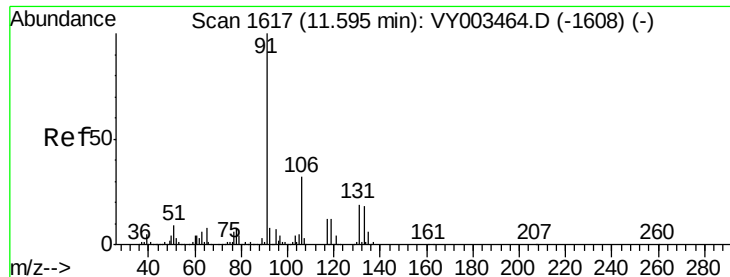
Tot Ion:112 Resp: 292997
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.922 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:131 Resp: 112271
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 63.1 31.6 95.0





#67

Ethyl Benzene

Concen: 52.646 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

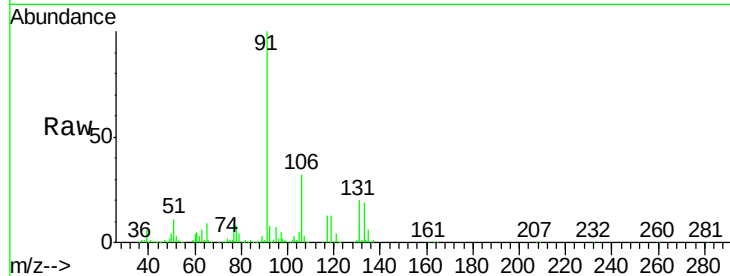
VSTDCCC050

Tot Ion: 91 Resp: 537001

Ion Ratio Lower Upper

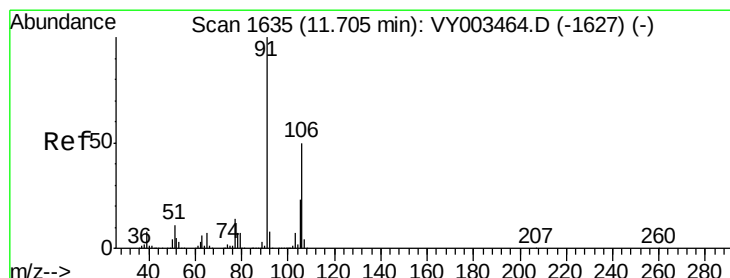
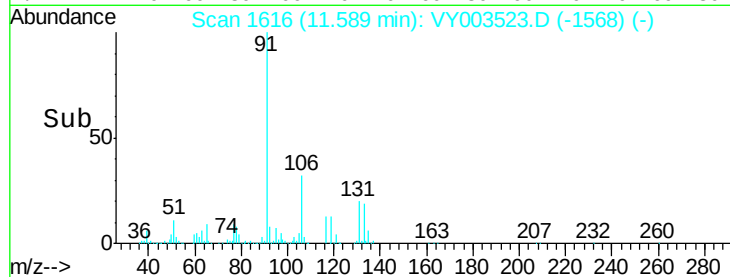
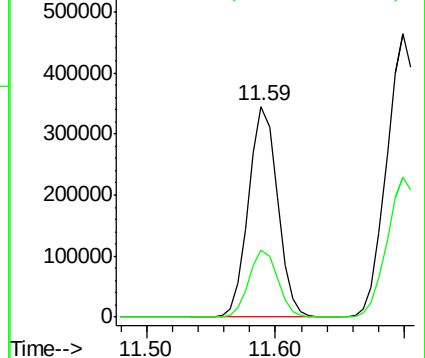
91 100

106 31.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.348 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003523.D

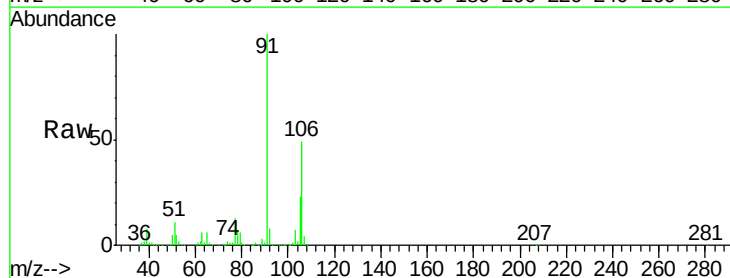
Acq: 12 Nov 2020 09:54

Tgt Ion: 106 Resp: 411076

Ion Ratio Lower Upper

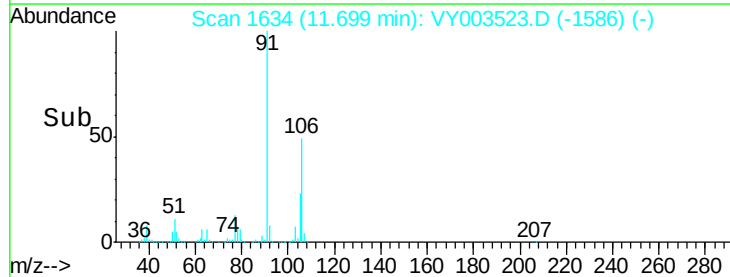
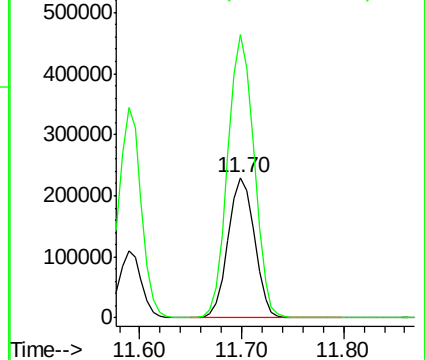
106 100

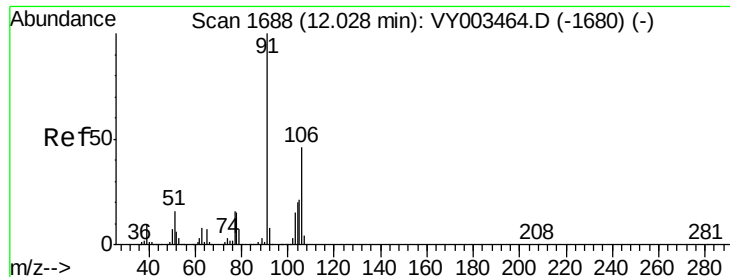
91 201.7 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

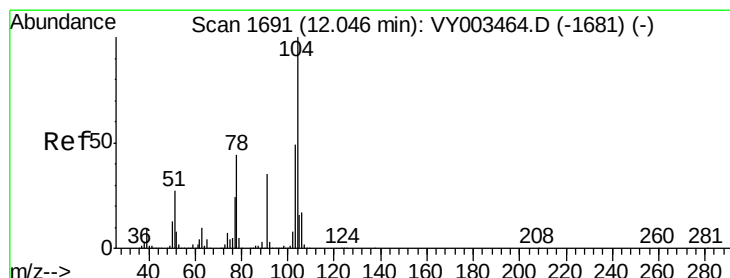
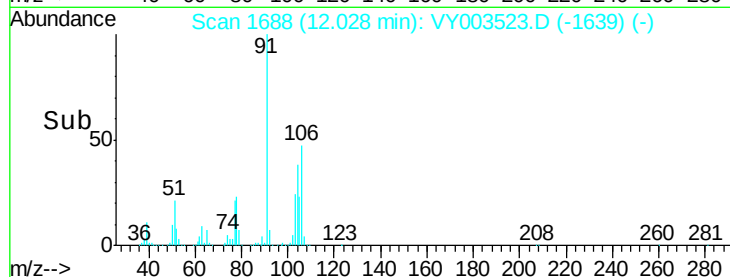
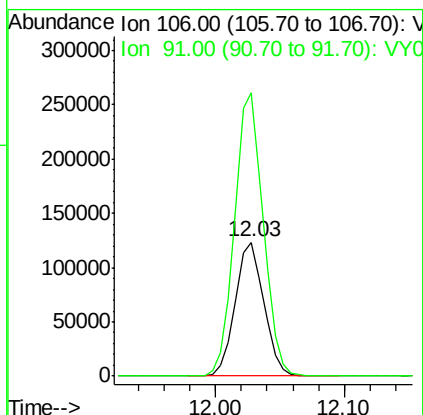
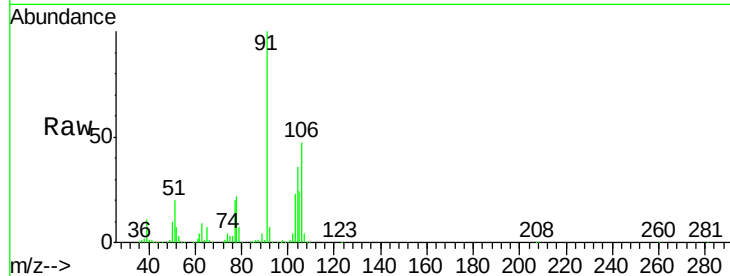




#69
o-Xylene
Concen: 53.549 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

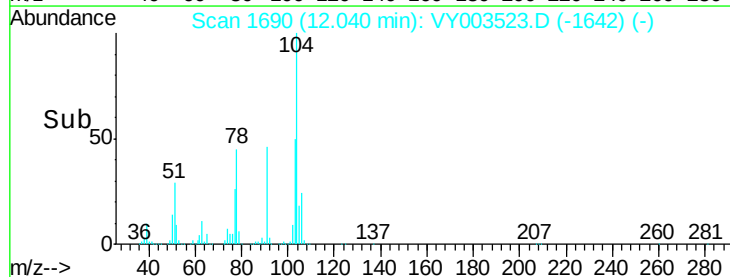
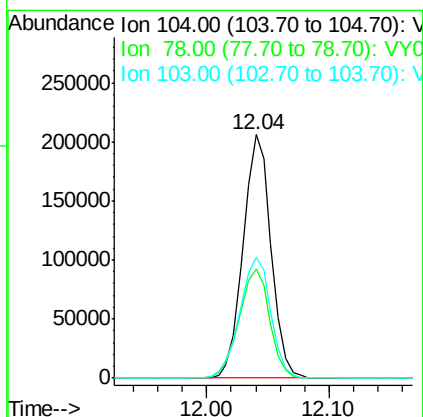
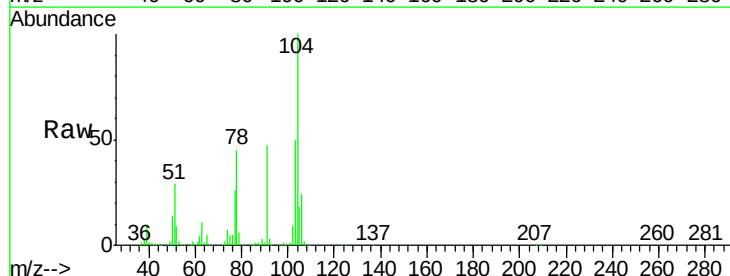
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

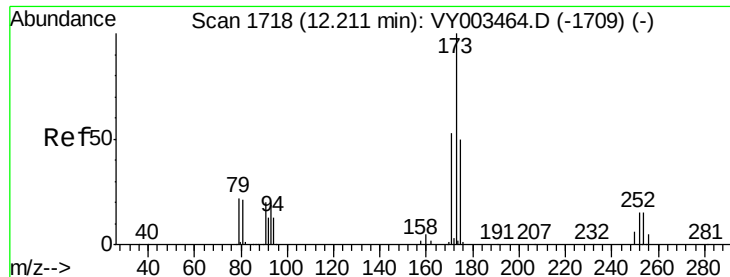
Tot Ion:106 Resp: 190404
Ion Ratio Lower Upper
106 100
91 211.9 105.5 316.5



#70
Styrene
Concen: 53.947 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:104 Resp: 325691
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 54.8 44.2 66.2





#71

Bromoform

Concen: 51.282 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

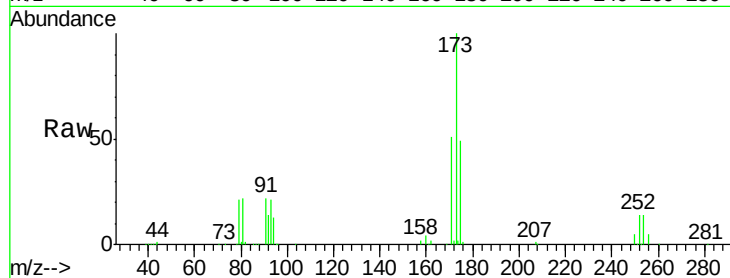
Tot Ion:173 Resp: 72514

Ion Ratio Lower Upper

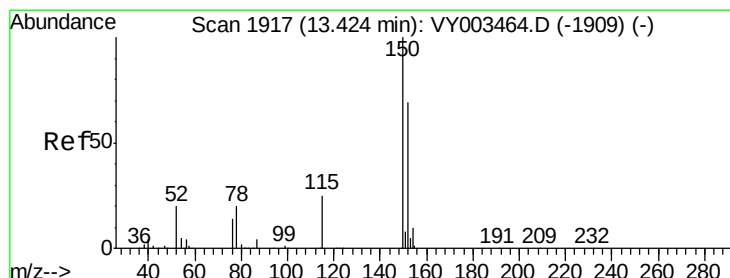
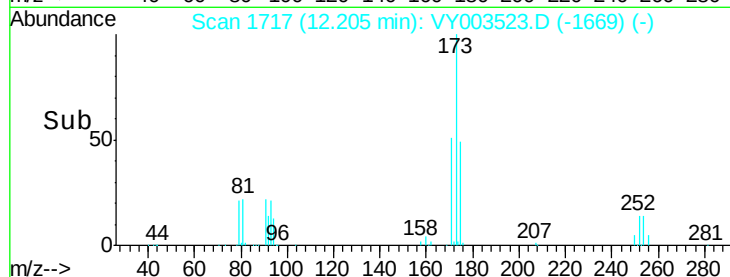
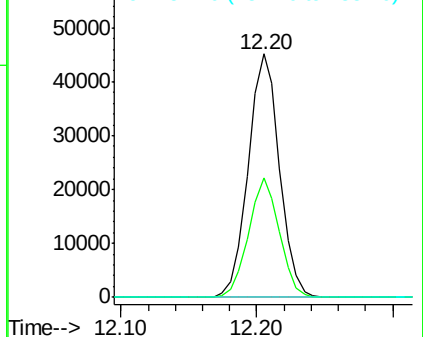
173 100

175 48.4 24.7 74.1

254 0.1 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: VY003523.D

Acq: 12 Nov 2020 09:54

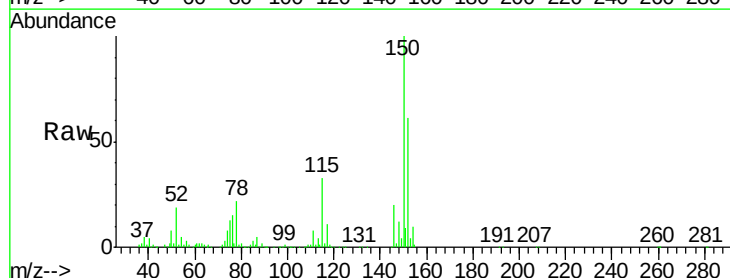
Tgt Ion:152 Resp: 158565

Ion Ratio Lower Upper

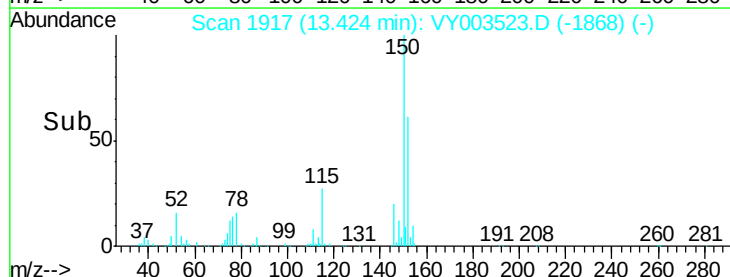
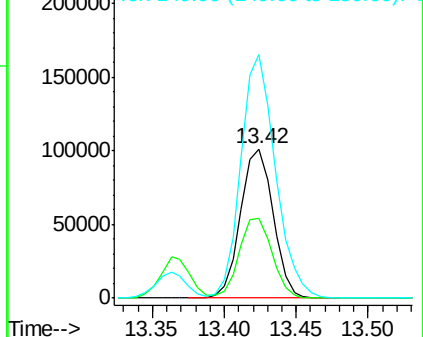
152 100

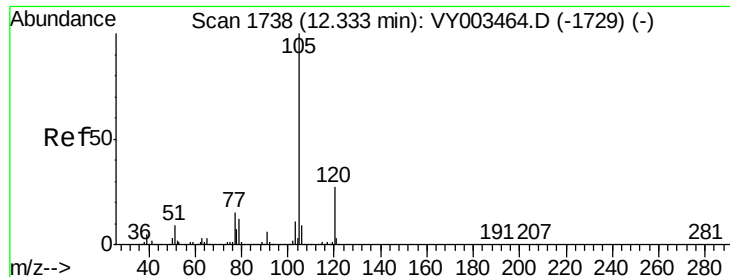
115 54.2 27.5 82.4

150 174.0 0.0 345.8



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





#73

Isopropylbenzene

Concen: 51.793 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

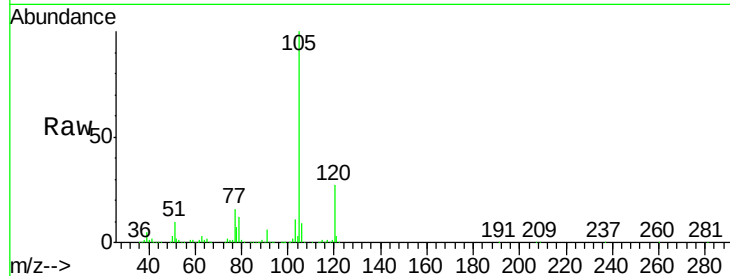
VSTDCCC050

Tot Ion:105 Resp: 536472

Ion Ratio Lower Upper

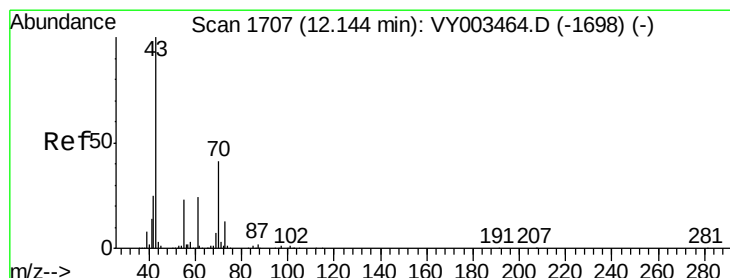
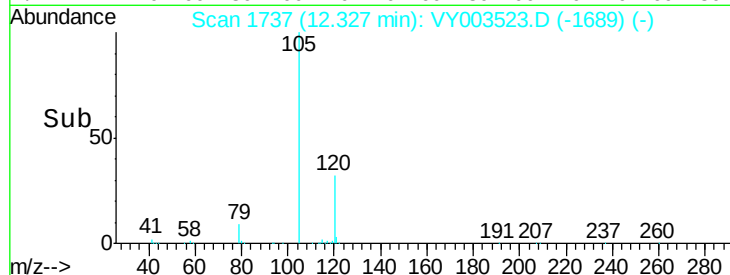
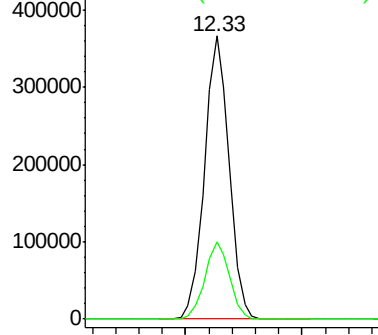
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.170 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Tgt Ion: 43 Resp: 141331

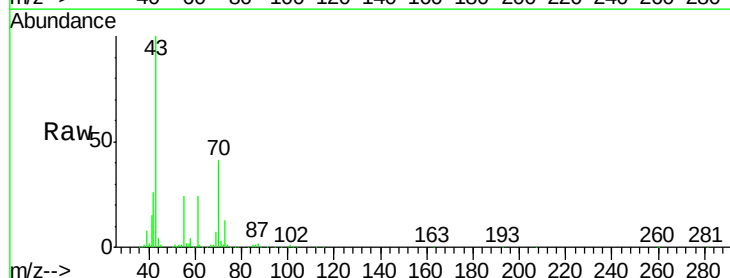
Ion Ratio Lower Upper

43 100

70 41.1 33.1 49.7

55 24.1 19.2 28.8

61 24.1 19.0 28.6

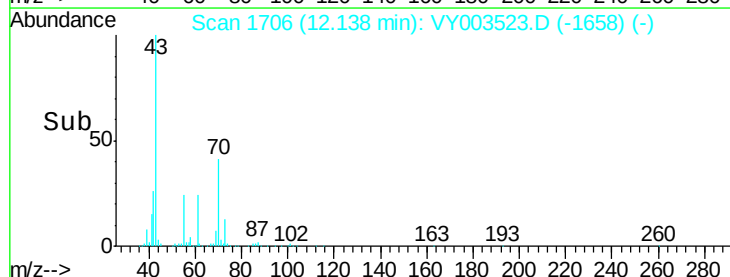
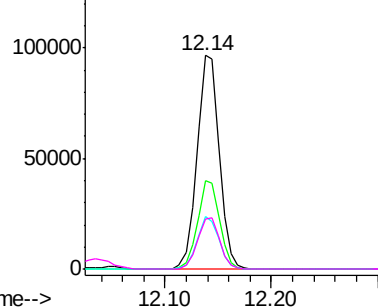


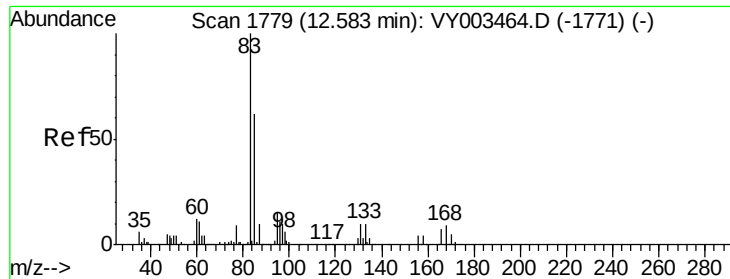
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 46.291 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

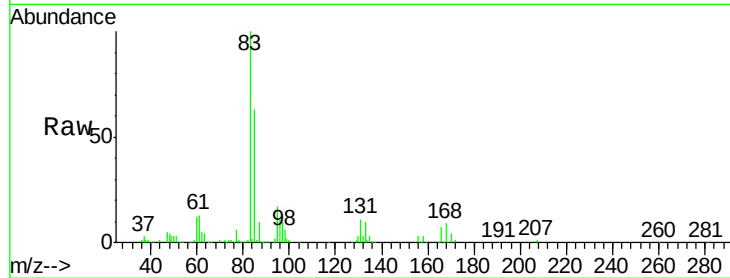
Tot Ion: 83 Resp: 102417

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

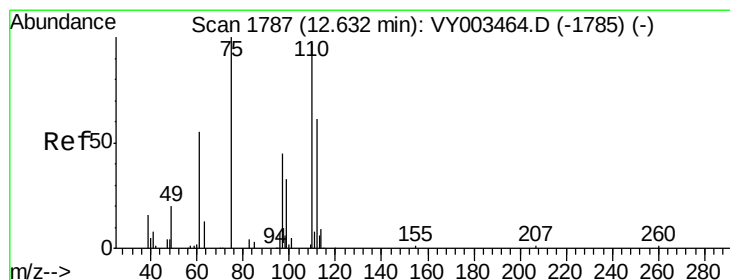
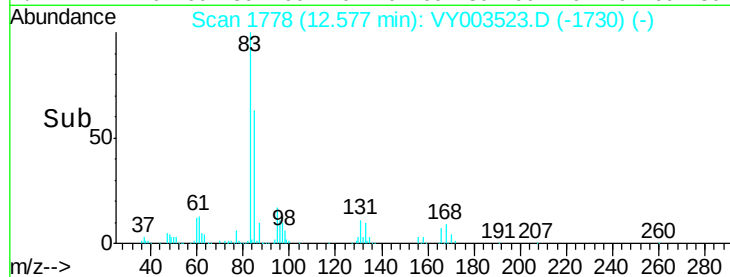
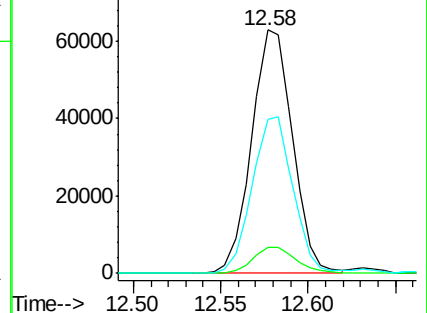
85 64.3 32.0 96.2



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: 82.861 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003523.D

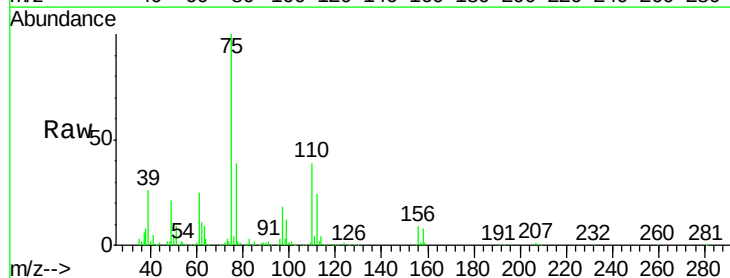
Acq: 12 Nov 2020 09:54

Tgt Ion: 75 Resp: 139019

Ion Ratio Lower Upper

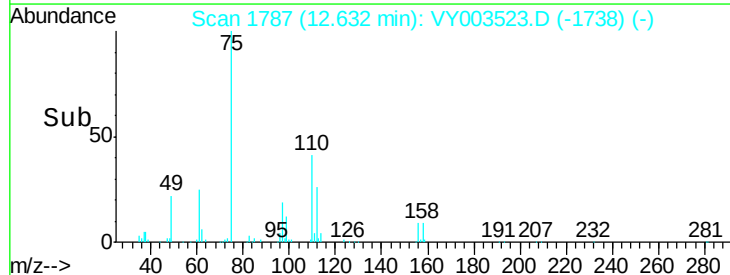
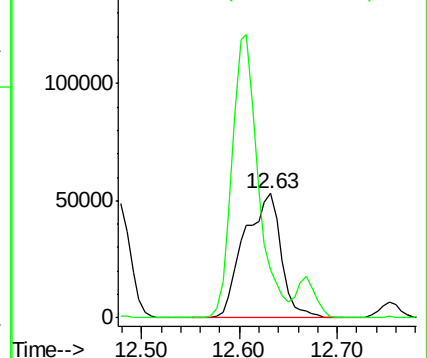
75 100

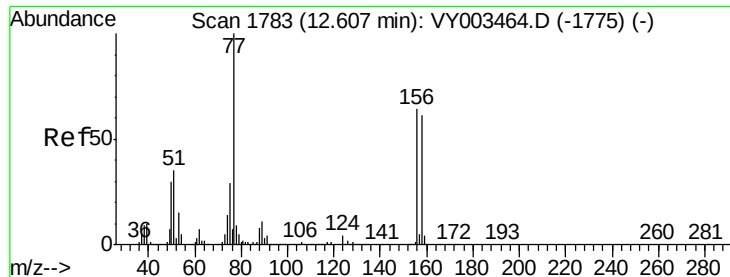
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.353 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

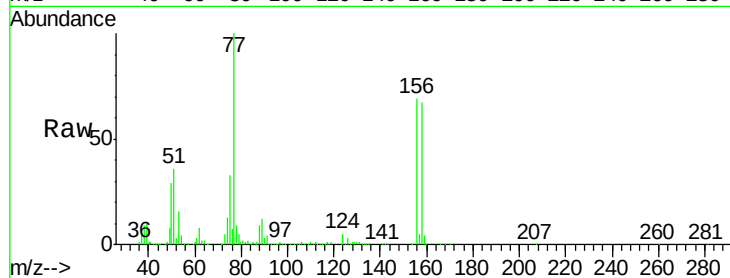
Tot Ion:156 Resp: 132515

Ion Ratio Lower Upper

156 100

77 170.0 87.0 260.9

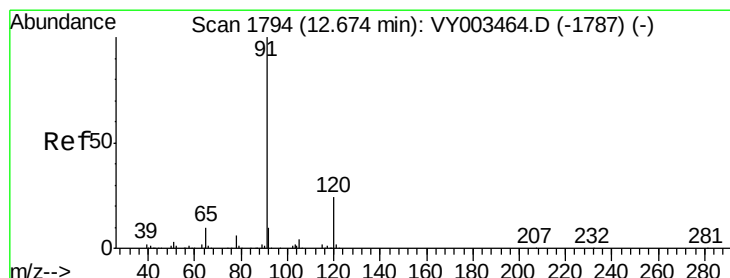
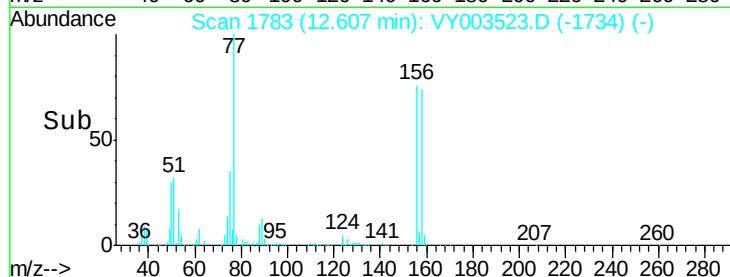
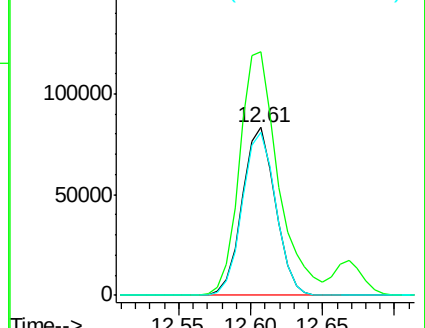
158 98.2 48.7 146.1



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: 51.699 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003523.D

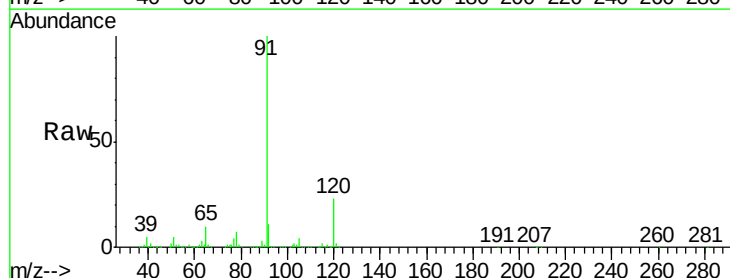
Acq: 12 Nov 2020 09:54

Tgt Ion: 91 Resp: 630763

Ion Ratio Lower Upper

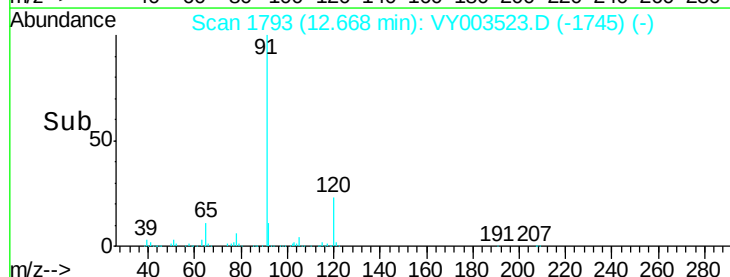
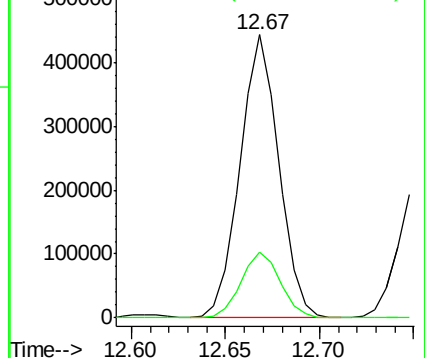
91 100

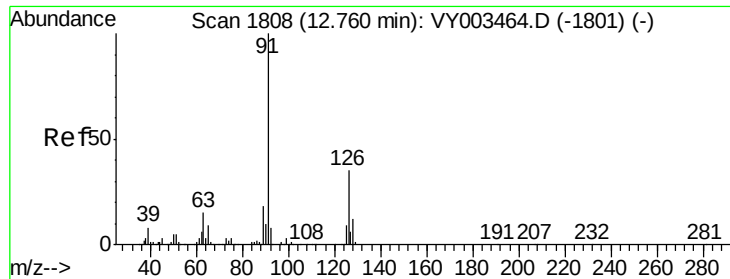
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.345 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

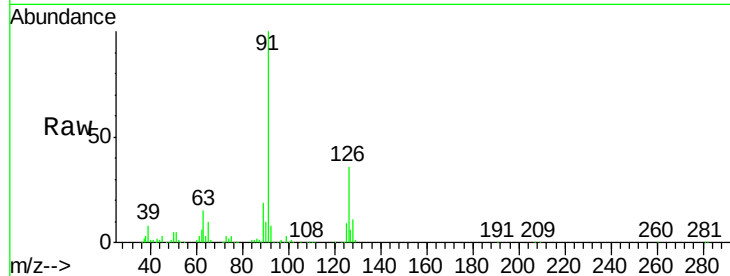
VSTDCCC050

Tot Ion: 91 Resp: 349993

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY003464.D (-1801) (-)

400000

300000

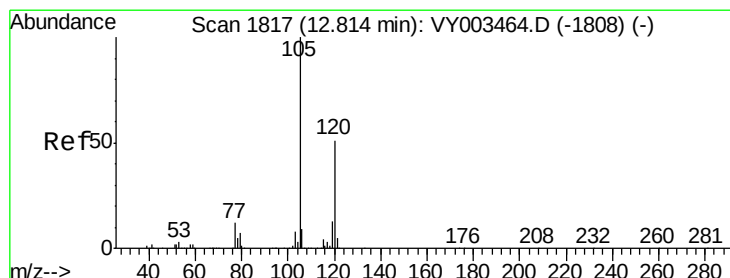
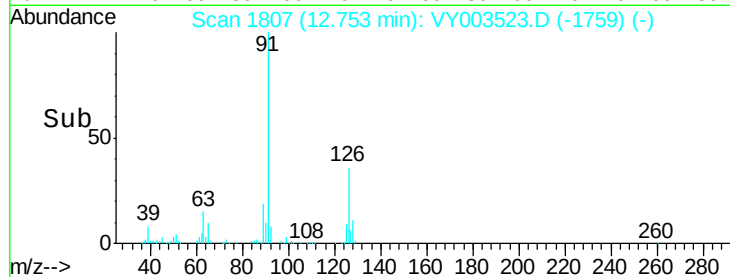
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.355 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003523.D

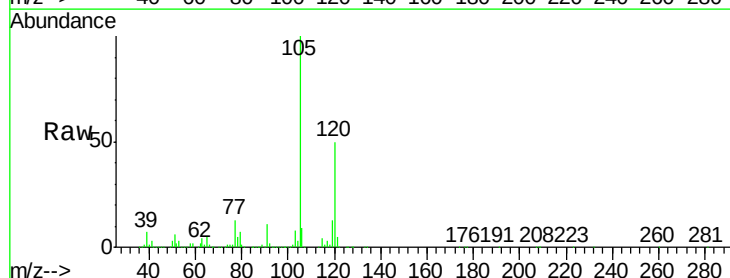
Acq: 12 Nov 2020 09:54

Tgt Ion: 105 Resp: 457897

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003464.D (-1808) (-)

300000

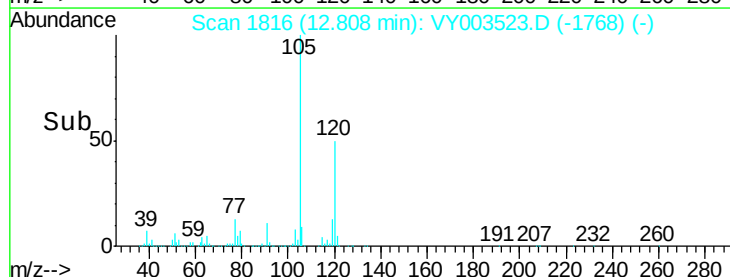
200000

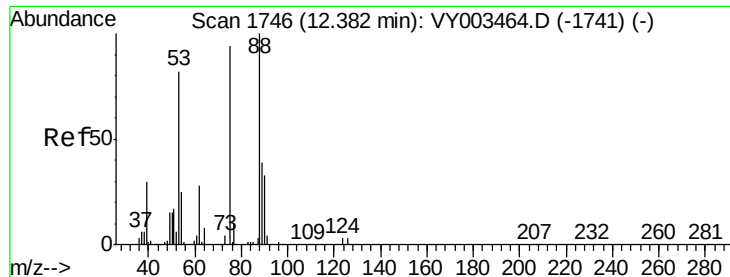
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.579 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

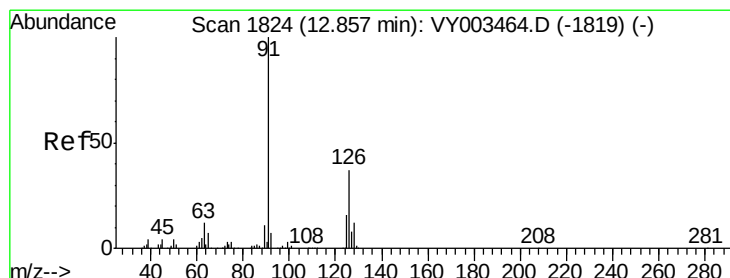
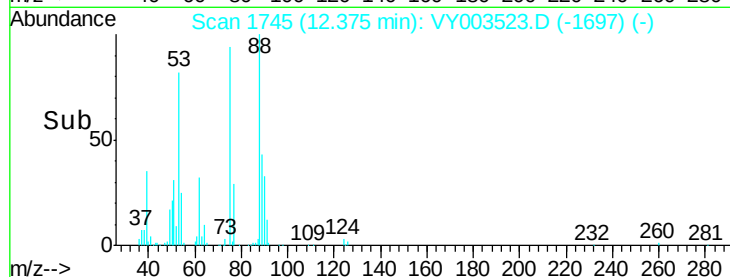
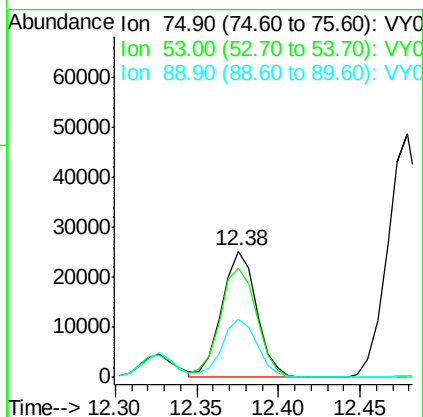
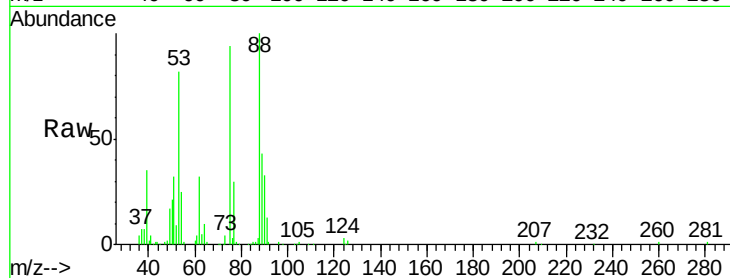
Tot Ion: 75 Resp: 37442

Ion Ratio Lower Upper

75 100

53 92.2 74.7 112.1

89 46.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 51.436 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003523.D

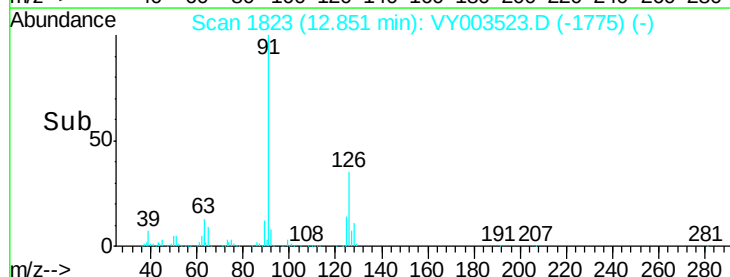
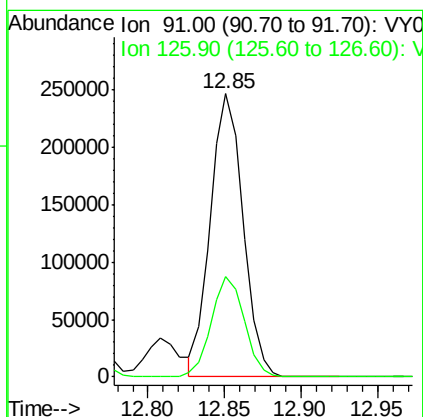
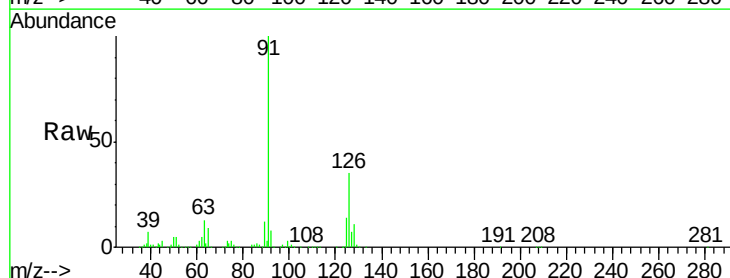
Acq: 12 Nov 2020 09:54

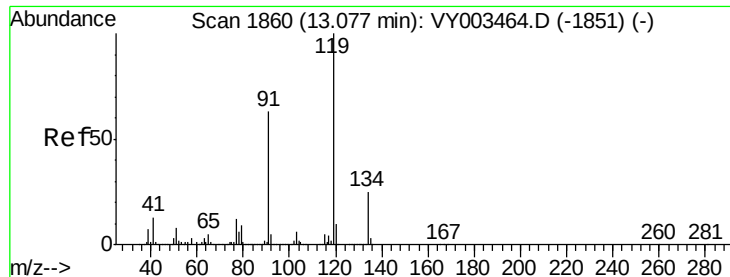
Tgt Ion: 91 Resp: 366393

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 51.838 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

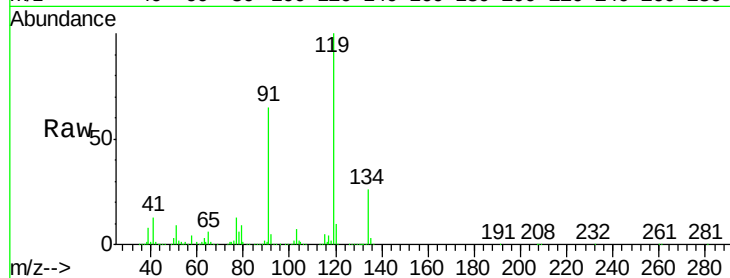
Tot Ion:119 Resp: 394560

Ion Ratio Lower Upper

119 100

91 64.7 31.1 93.2

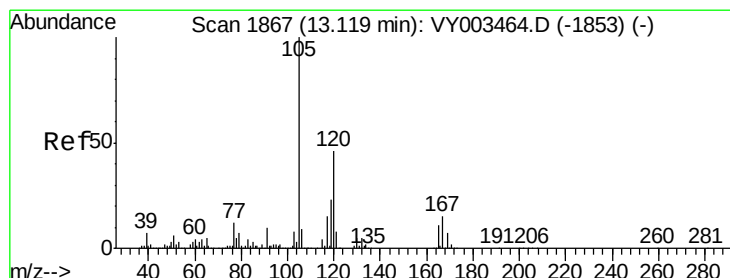
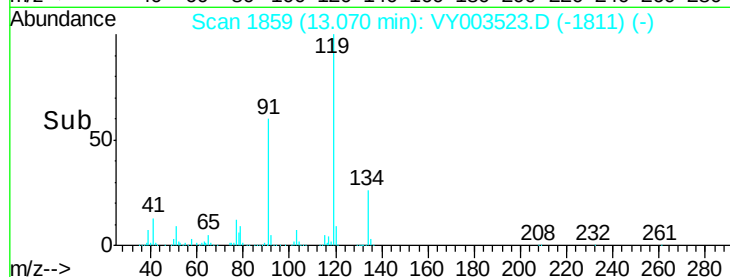
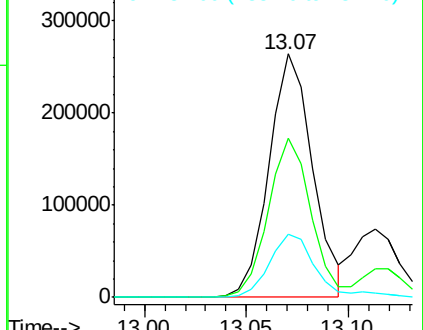
134 27.8 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.426 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003523.D

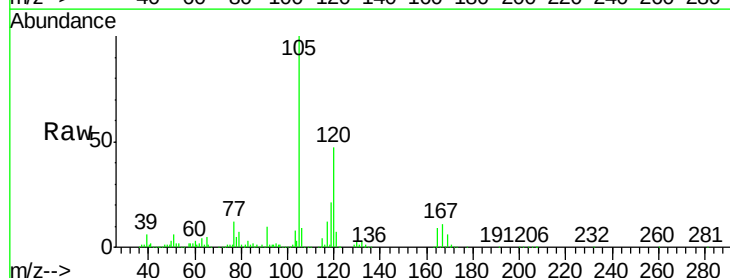
Acq: 12 Nov 2020 09:54

Tgt Ion:105 Resp: 458251

Ion Ratio Lower Upper

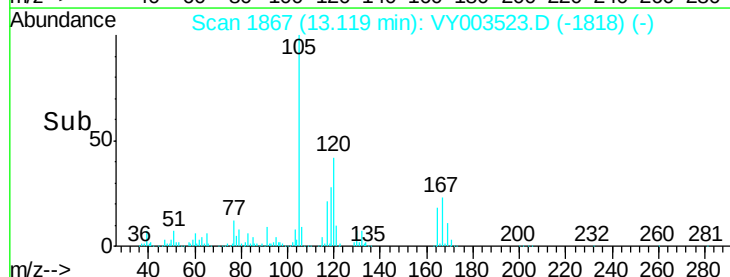
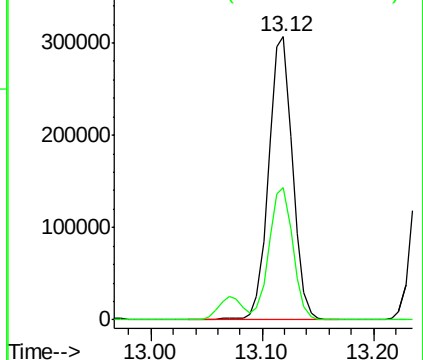
105 100

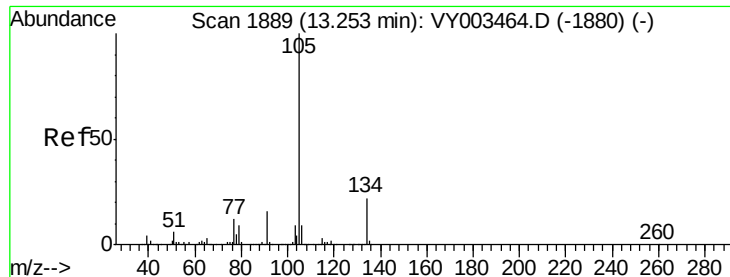
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.626 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

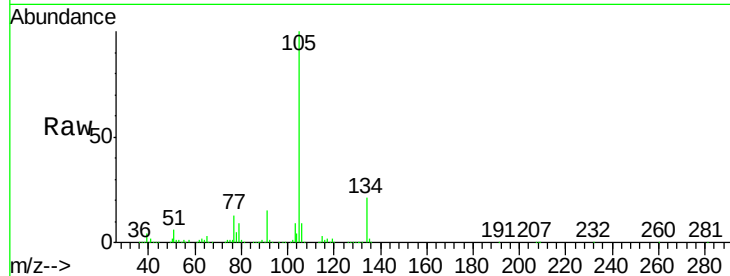
VSTDCCC050

Tot Ion:105 Resp: 552671

Ion Ratio Lower Upper

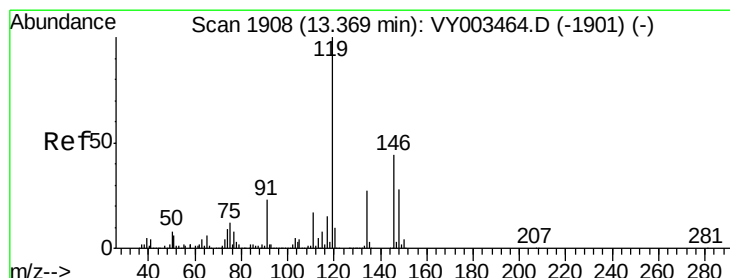
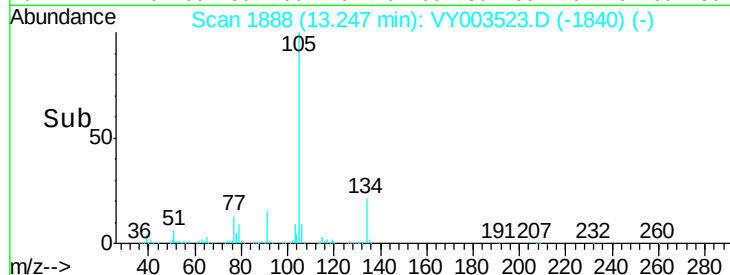
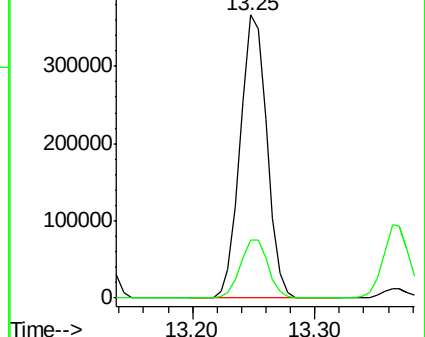
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.245 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

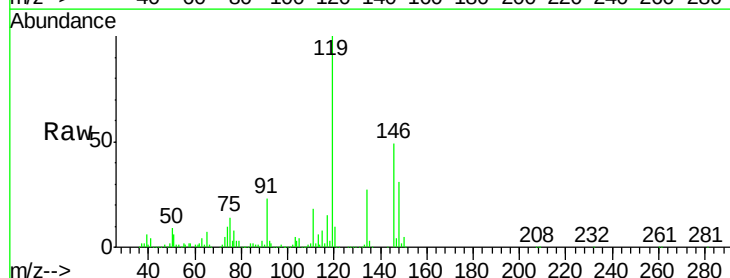
Tgt Ion:119 Resp: 518467

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

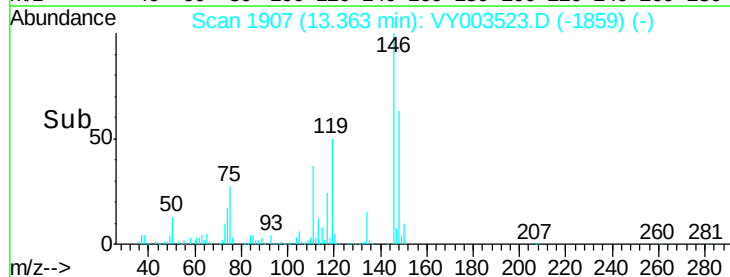
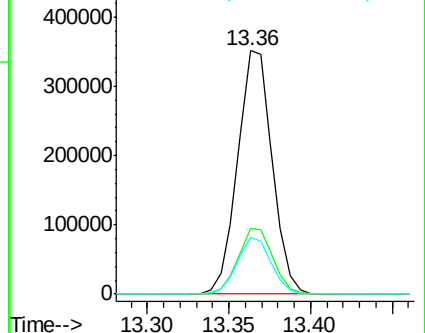
91 22.8 11.4 34.2

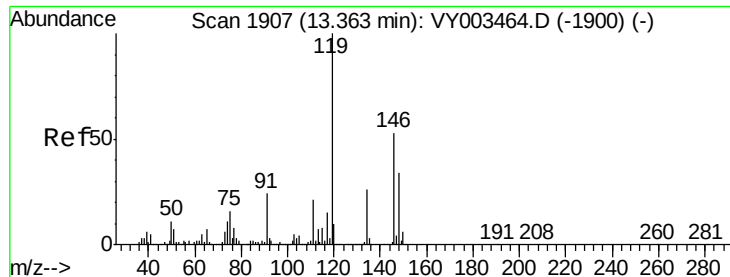


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.295 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

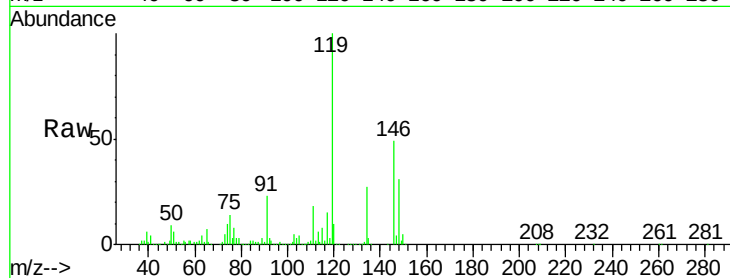
Tot Ion:146 Resp: 261279

Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

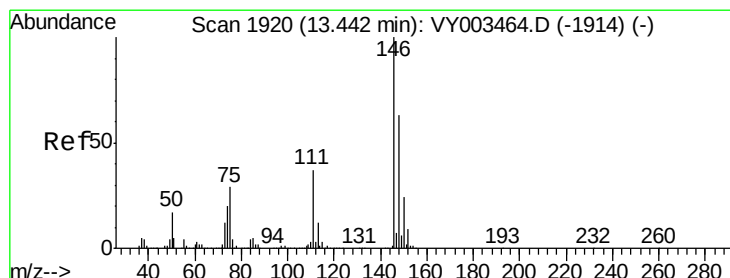
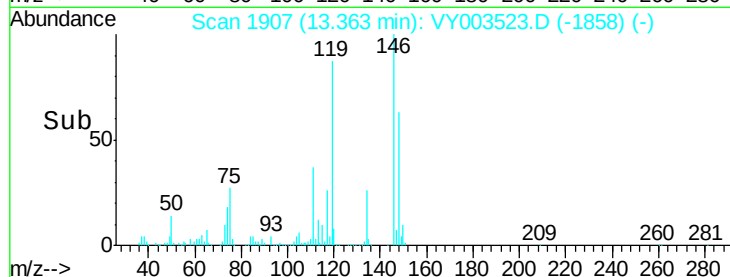
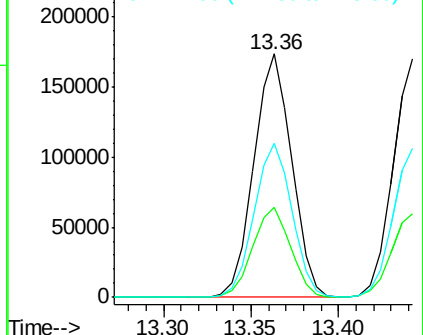
148 63.3 32.4 97.0



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: 52.780 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

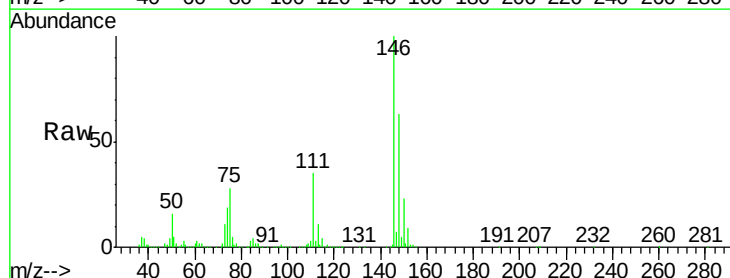
Tgt Ion:146 Resp: 257298

Ion Ratio Lower Upper

146 100

111 35.7 18.3 54.8

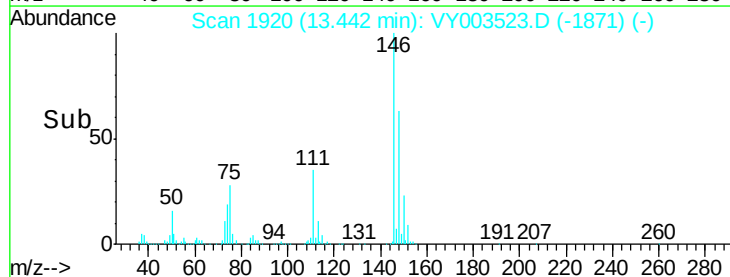
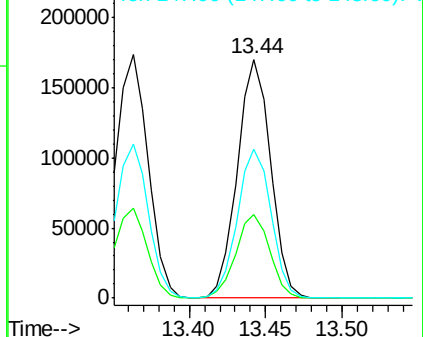
148 63.4 32.0 96.0

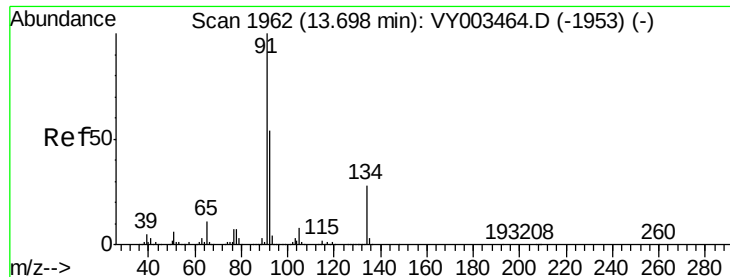


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

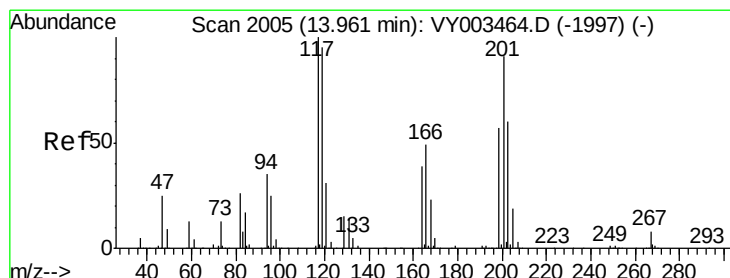
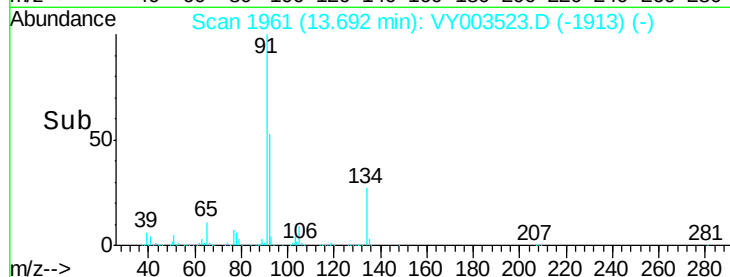
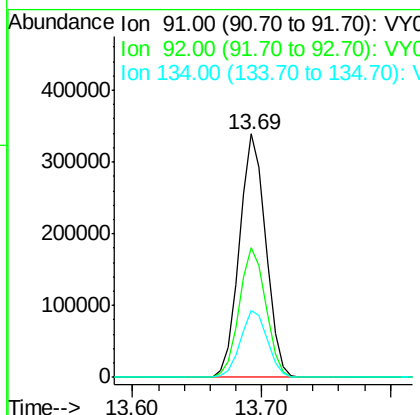
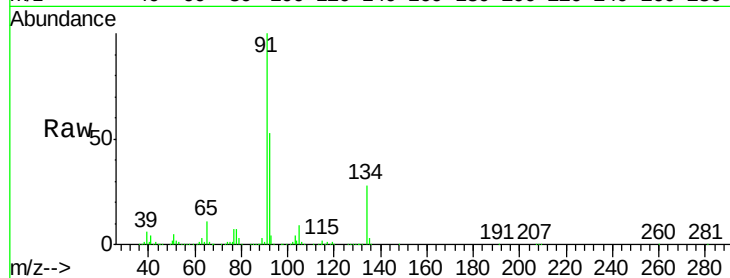




#89
n-Butylbenzene
Concen: 54.848 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

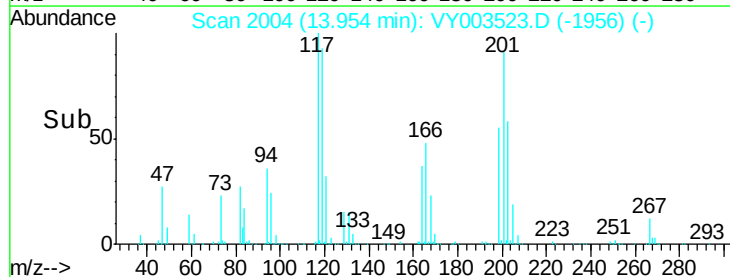
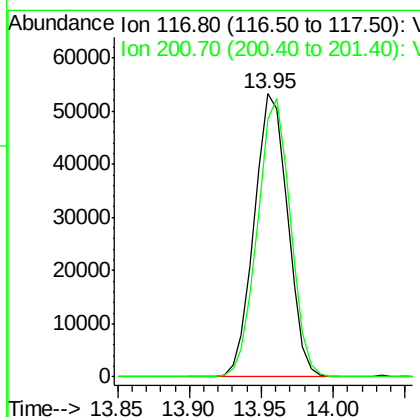
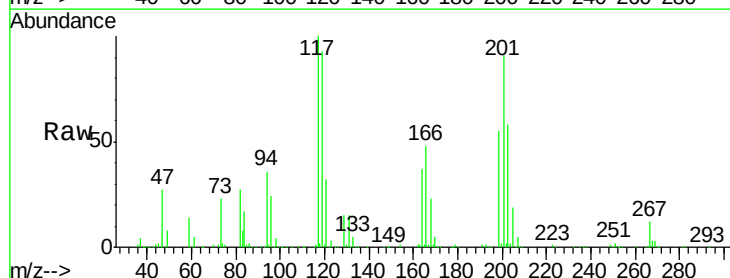
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

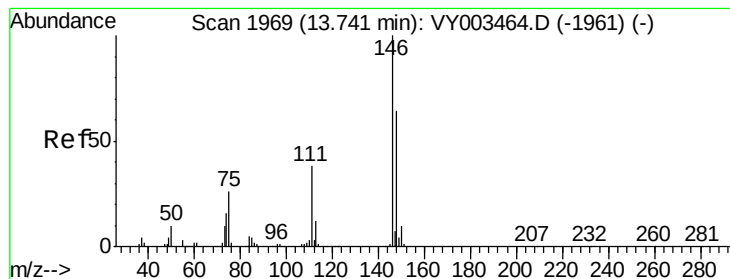
Tot Ion: 91 Resp: 478821
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 52.998 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion: 117 Resp: 85252
Ion Ratio Lower Upper
117 100
201 96.8 46.6 139.8





#91

1,2-Dichlorobenzene

Concen: 52.475 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

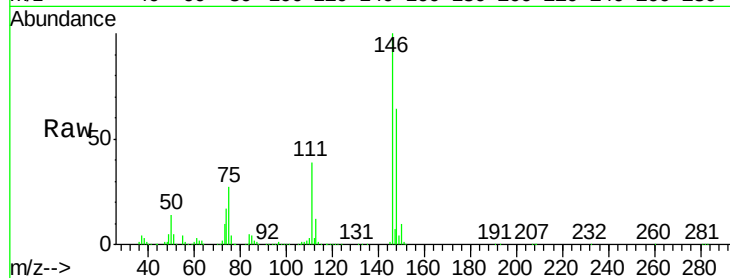
Tot Ion:146 Resp: 228533

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

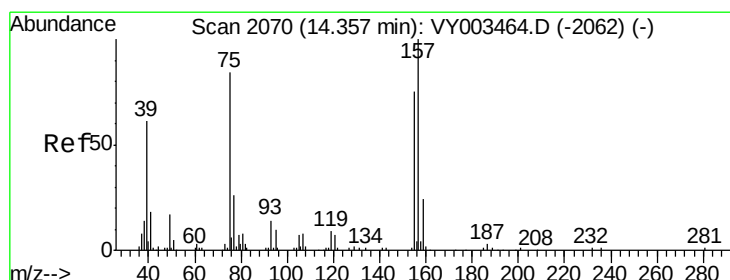
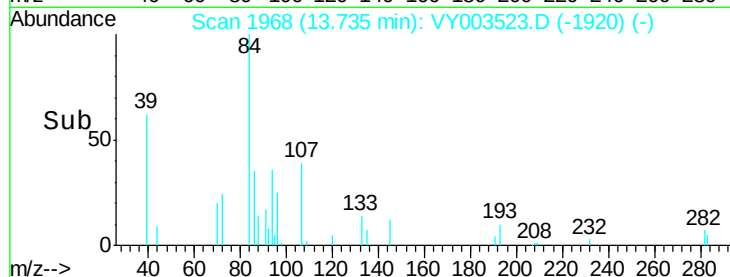
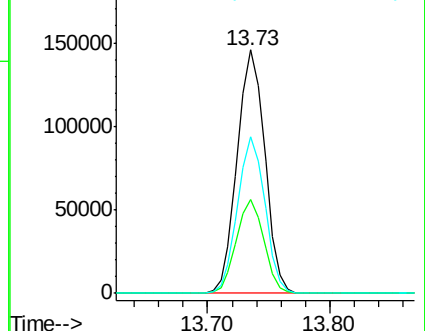
148 63.5 32.3 96.8



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: 45.892 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003523.D

Acq: 12 Nov 2020 09:54

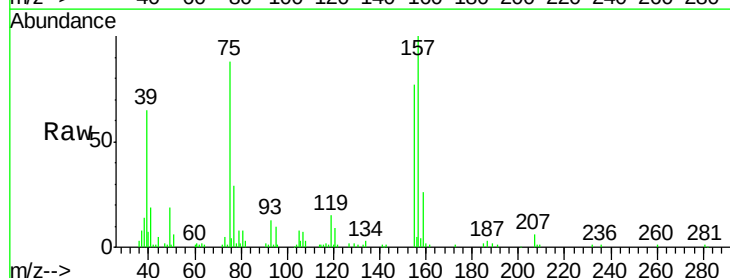
Tgt Ion: 75 Resp: 18380

Ion Ratio Lower Upper

75 100

155 94.2 45.6 136.7

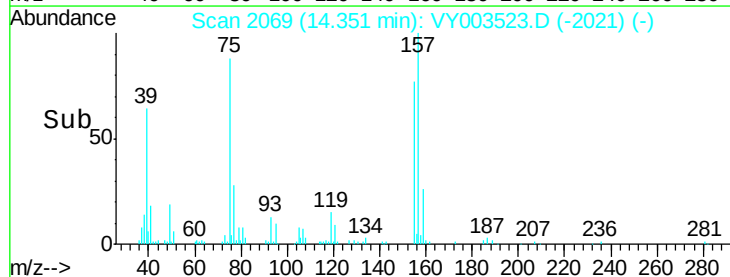
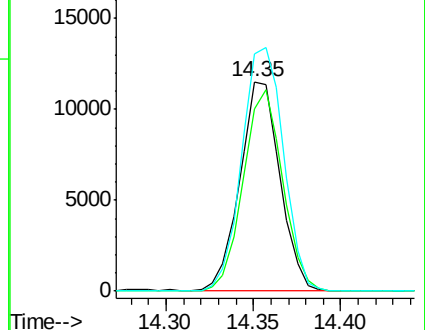
157 120.8 60.3 180.8

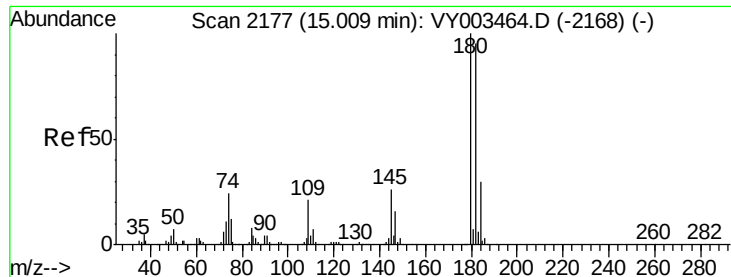


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

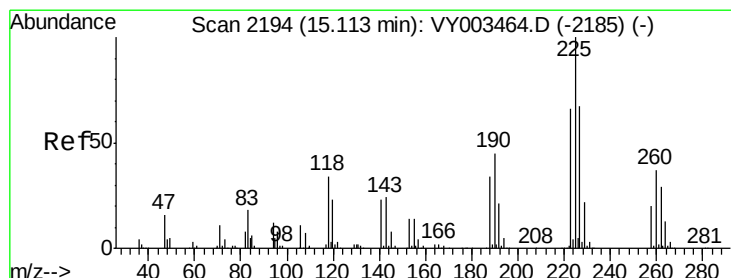
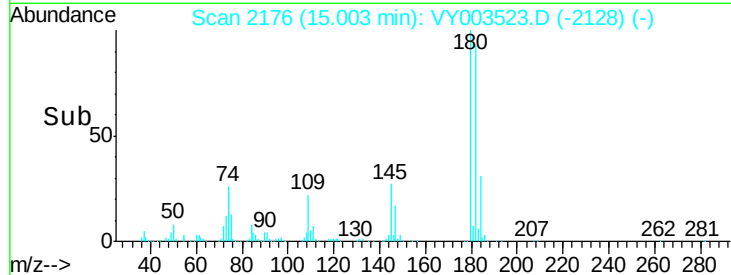
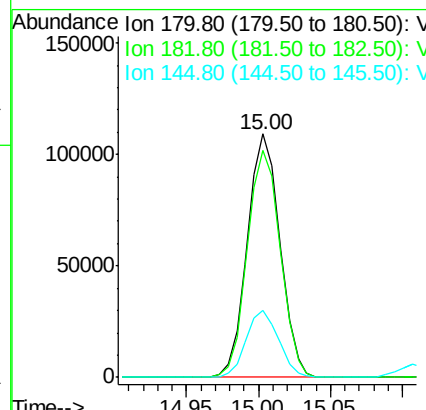
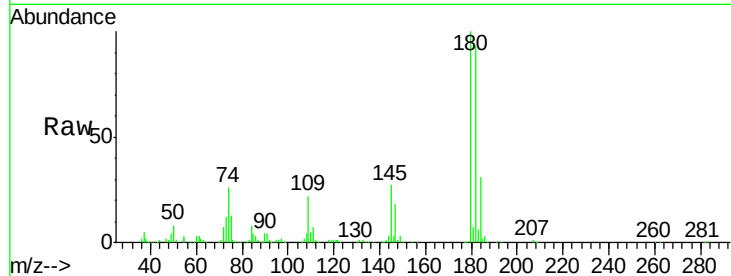




#93
 1,2,4-Trichlorobenzene
 Concen: 55.380 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

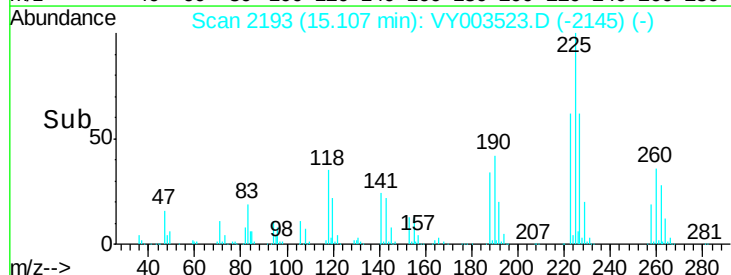
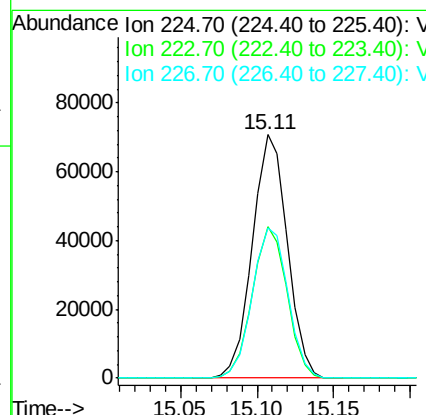
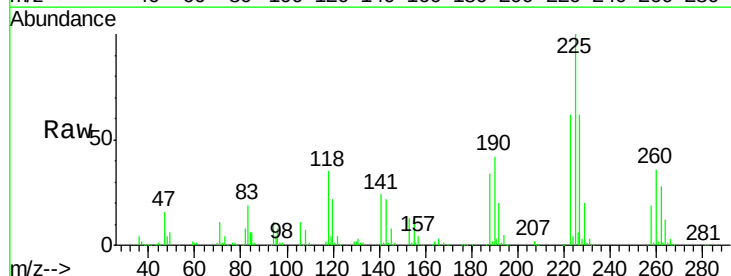
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

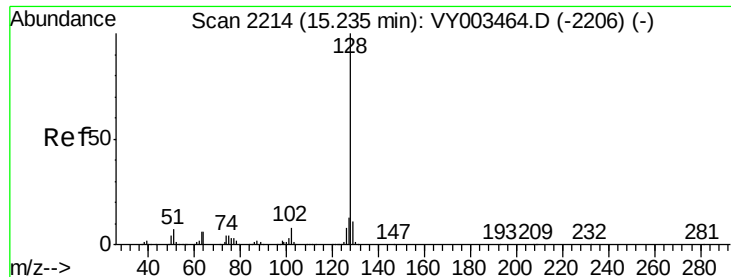
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.3
145	27.4	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 56.797 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003523.D
 Acq: 12 Nov 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.1	96.3
227	62.9	32.4	97.2

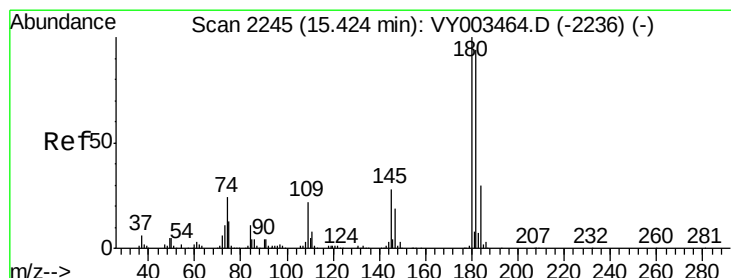
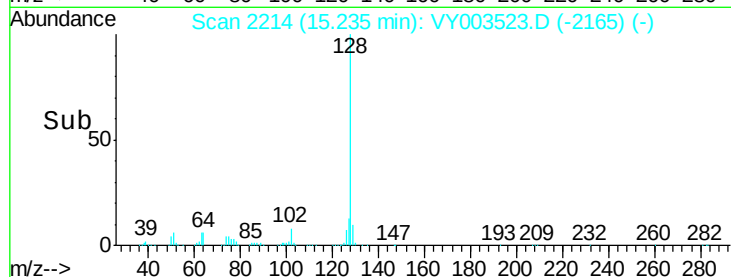
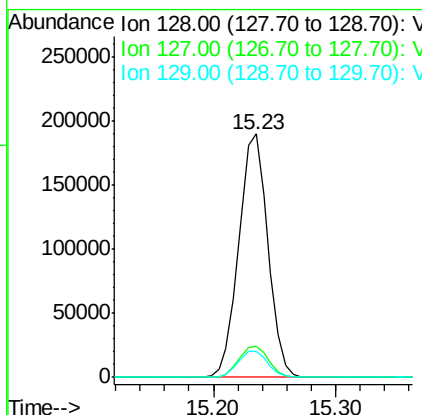
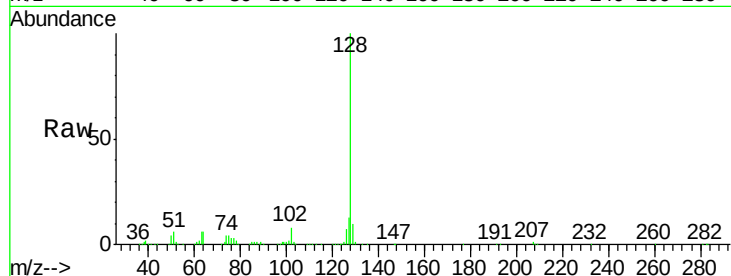




#95
Naphthalene
Concen: 50.684 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 312655
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.694 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003523.D
Acq: 12 Nov 2020 09:54

Tgt Ion:180 Resp: 148790
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.7
145 29.0 14.4 43.2

