

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003504.D
 Acq On : 04 Nov 2020 10:03
 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 05 00:23:16 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	7.80	168	234969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	312042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113587	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.73	113	99282	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.18	98	404278	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.48	95	135565	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	87453	47.040	ug/l	99
3) Chloromethane	2.12	50	119270	48.732	ug/l	98
4) Vinyl Chloride	2.26	62	131136	47.733	ug/l	100
5) Bromomethane	2.66	94	93544	40.754	ug/l	98
6) Chloroethane	2.80	64	78373	47.863	ug/l	98
7) Trichlorofluoromethane	3.14	101	166723	47.810	ug/l	99
8) Diethyl Ether	3.54	74	55324	51.735	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	93865	48.701	ug/l	99
10) Methyl Iodide	4.10	142	100470	50.715	ug/l	99
11) Tert butyl alcohol	4.97	59	49871	204.575	ug/l	100
12) 1,1-Dichloroethene	3.89	96	93678	48.851	ug/l	95
13) Acrolein	3.74	56	49442	247.321	ug/l	100
14) Allyl chloride	4.49	41	172270	49.240	ug/l	99
15) Acrylonitrile	5.18	53	127199	222.837	ug/l	99
16) Acetone	3.96	43	231852	291.768	ug/l	98
17) Carbon Disulfide	4.21	76	296786	47.774	ug/l	99
18) Methyl Acetate	4.49	43	67375	44.866	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	243438	51.254	ug/l	96
20) Methylene Chloride	4.73	84	104866	46.859	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	108513	48.870	ug/l	97
22) Diisopropyl ether	6.13	45	326867	53.267	ug/l	98
23) Vinyl Acetate	6.08	43	1154904	250.454	ug/l	99
24) 1,1-Dichloroethane	6.03	63	197500	50.649	ug/l	99
25) 2-Butanone	7.00	43	262733	264.353	ug/l	98
26) 2,2-Dichloropropane	6.99	77	182173	50.147	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	121847	50.642	ug/l	98
28) Bromochloromethane	7.35	49	99399	50.670	ug/l	97
29) Tetrahydrofuran	7.36	42	115676	222.740	ug/l	99
30) Chloroform	7.52	83	196268	51.245	ug/l	100
31) Cyclohexane	7.79	56	166026	45.984	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	178720	50.019	ug/l	99
36) 1,1-Dichloropropene	7.93	75	156806	49.649	ug/l	100
37) Ethyl Acetate	7.08	43	89847	45.813	ug/l	98
38) Carbon Tetrachloride	7.91	117	163409	49.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	171392	48.736	ug/l	99
40) Benzene	8.17	78	445592	50.697	ug/l	98
41) Methacrylonitrile	7.36	41	116203	110.957	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	138761	50.385	ug/l	100
43) Isopropyl Acetate	8.28	43	167905	47.638	ug/l	99
44) Trichloroethene	8.94	130	122688	49.723	ug/l	100
45) 1,2-Dichloropropane	9.22	63	114725	51.687	ug/l	98
46) Dibromomethane	9.31	93	60633	49.653	ug/l	98
47) Bromodichloromethane	9.50	83	156171	52.251	ug/l	97
48) Methyl methacrylate	9.30	41	80143	48.270	ug/l	98
49) 1,4-Dioxane	9.30	88	13410	880.105	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	447223	238.152	ug/l	99
52) Toluene	10.25	92	280451	51.015	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	162457	51.075	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	186450	52.092	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	87512	50.484	ug/l	99
56) Ethyl methacrylate	10.51	69	118344	50.969	ug/l	99
57) 1,3-Dichloropropane	10.79	76	153887	51.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	283616	240.955	ug/l	100
59) 2-Hexanone	10.83	43	364580	262.212	ug/l	99
60) Dibromochloromethane	10.99	129	111935	52.538	ug/l	100
61) 1,2-Dibromoethane	11.09	107	82268	49.159	ug/l	98
64) Tetrachloroethene	10.72	164	114288	49.043	ug/l	97
65) Chlorobenzene	11.52	112	306124	50.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	117606	51.441	ug/l	100
67) Ethyl Benzene	11.59	91	557715	50.736	ug/l	100
68) m/p-Xylenes	11.70	106	425335	102.105	ug/l	99
69) o-Xylene	12.03	106	196194	51.200	ug/l	99
70) Styrene	12.05	104	336591	51.733	ug/l	100
71) Bromoform	12.21	173	73753	48.398	ug/l #	100
73) Isopropylbenzene	12.33	105	540397	49.707	ug/l	100
74) N-amyl acetate	12.14	43	146801	47.670	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	108145	46.570	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	142740	81.059	ug/l #	100
77) Bromobenzene	12.61	156	137093	49.631	ug/l	99
78) n-propylbenzene	12.67	91	647993	50.602	ug/l	100
79) 2-Chlorotoluene	12.76	91	358052	50.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	460368	51.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38121	45.183	ug/l	97
82) 4-Chlorotoluene	12.86	91	376490	50.356	ug/l	99
83) tert-Butylbenzene	13.08	119	403659	50.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	464578	51.604	ug/l	100
85) sec-Butylbenzene	13.25	105	552738	51.098	ug/l	100
86) p-Isopropyltoluene	13.37	119	513801	51.216	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	264464	51.396	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	256466	50.123	ug/l	99
89) n-Butylbenzene	13.70	91	473902	51.719	ug/l	100
90) Hexachloroethane	13.96	117	86663	51.330	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	231343	50.610	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17958	42.720	ug/l	98

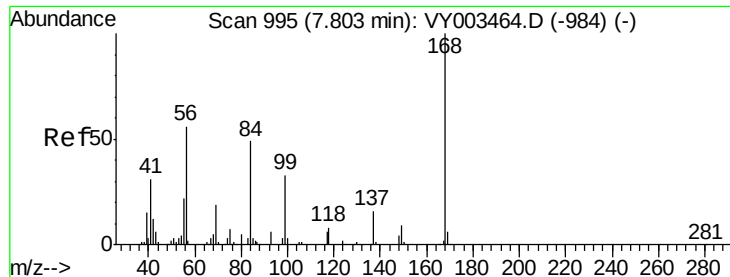
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	166494	51.493	ug/l	99
94) Hexachlorobutadiene	15.11	225	104947	50.455	ug/l	98
95) Naphthalene	15.23	128	303051	46.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	145461	50.012	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

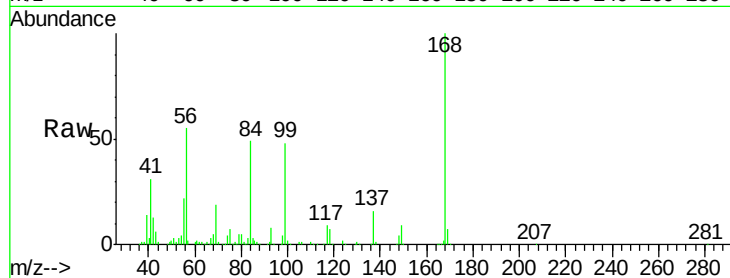
VSTDCCC050

Tot Ion:168 Resp: 234969

Ion Ratio Lower Upper

168 100

99 47.8 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) (-)

7.80

100000

80000

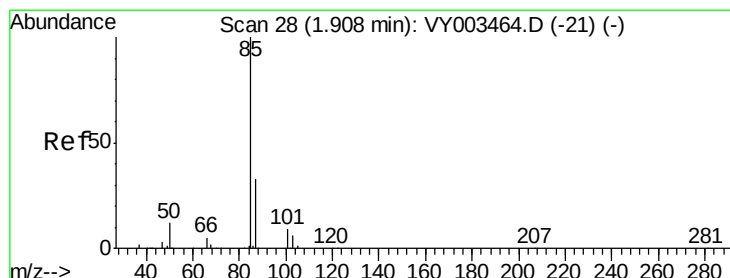
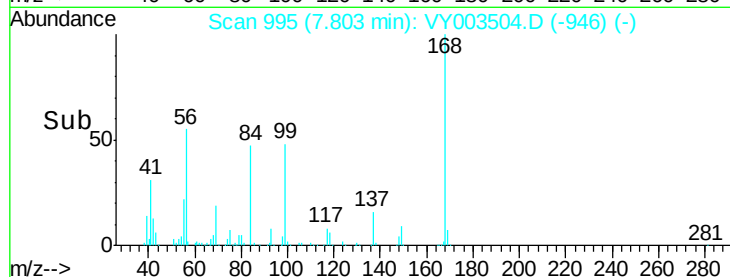
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.040 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY003504.D

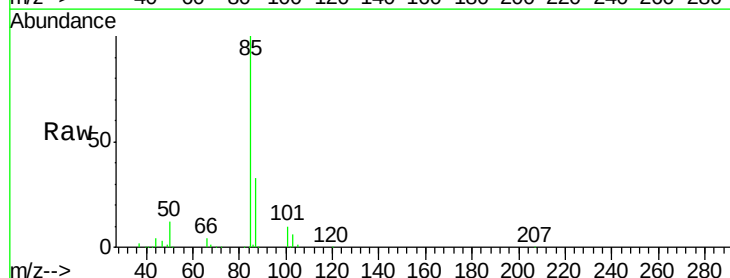
Acq: 04 Nov 2020 10:03

Tgt Ion: 85 Resp: 87453

Ion Ratio Lower Upper

85 100

87 33.4 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) (-)

1.91

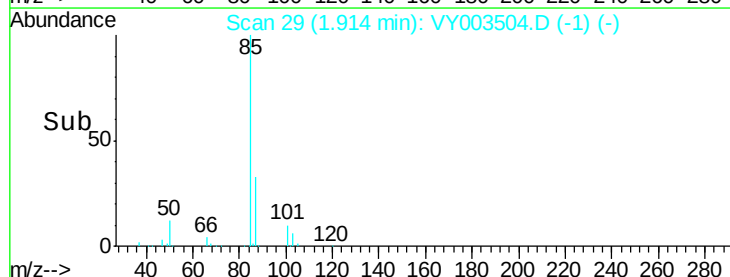
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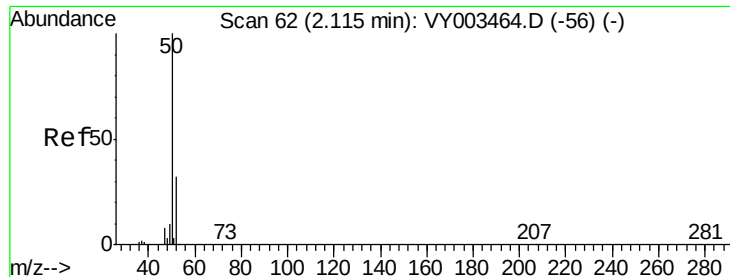
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.732 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

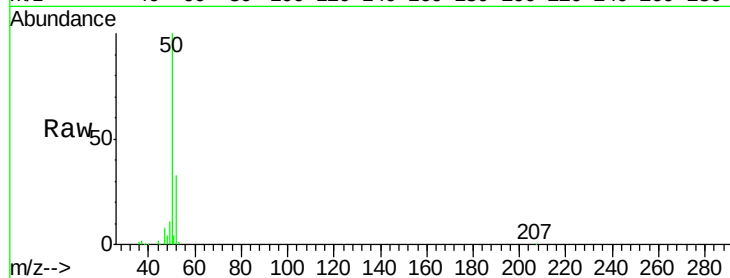
VSTDCCC050

Tot Ion: 50 Resp: 119270

Ion Ratio Lower Upper

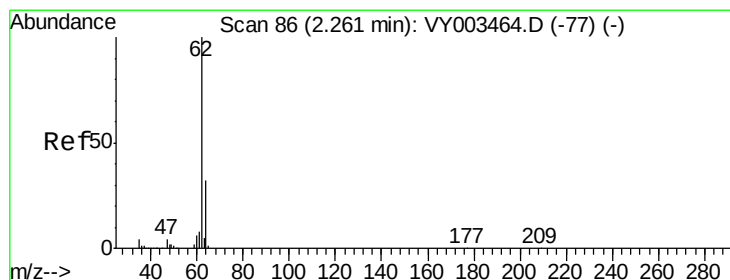
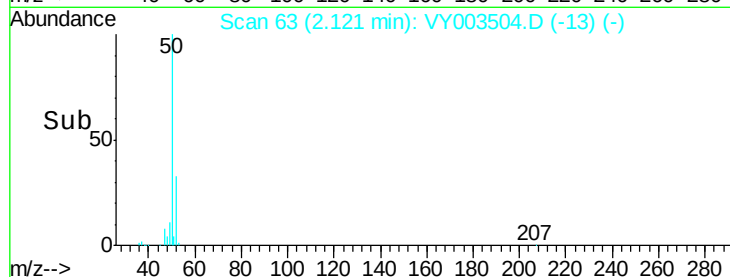
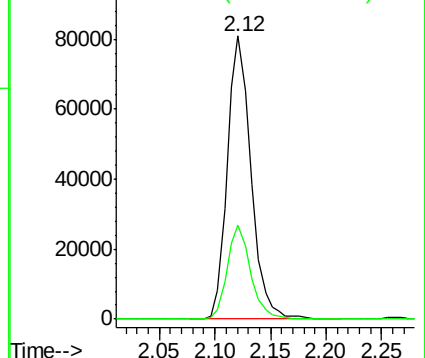
50 100

52 33.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.733 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003504.D

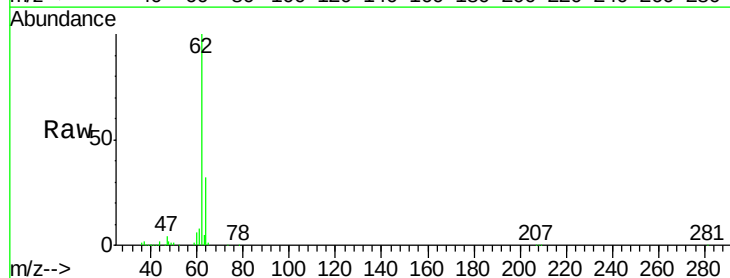
Acq: 04 Nov 2020 10:03

Tgt Ion: 62 Resp: 131136

Ion Ratio Lower Upper

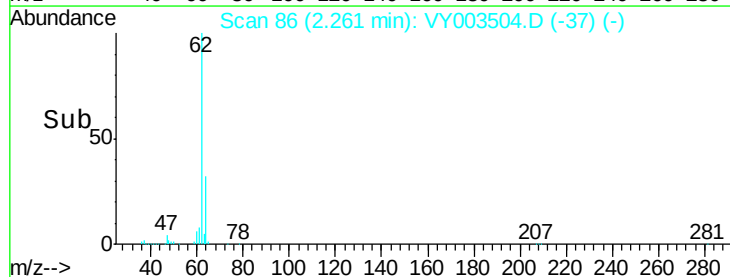
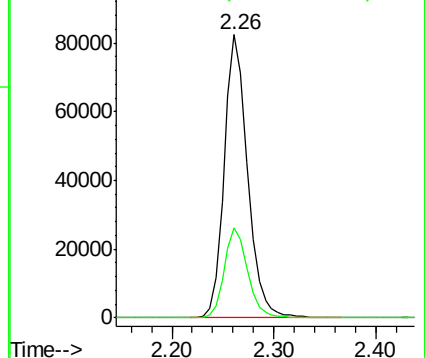
62 100

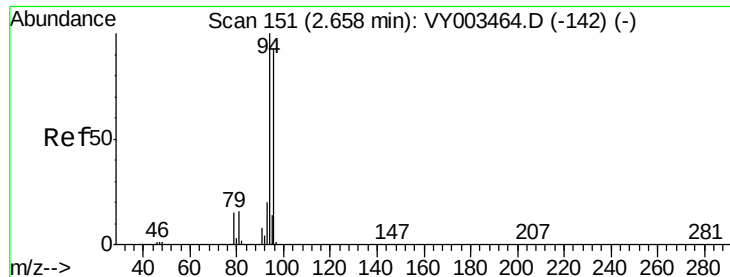
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 40.754 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

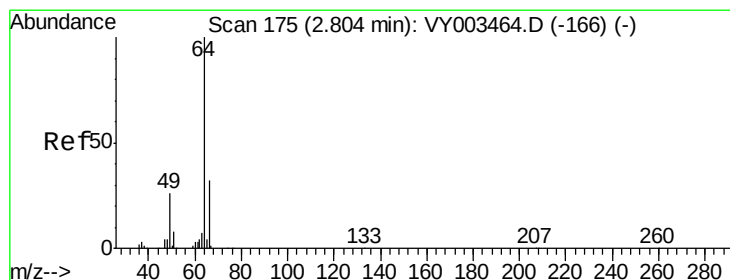
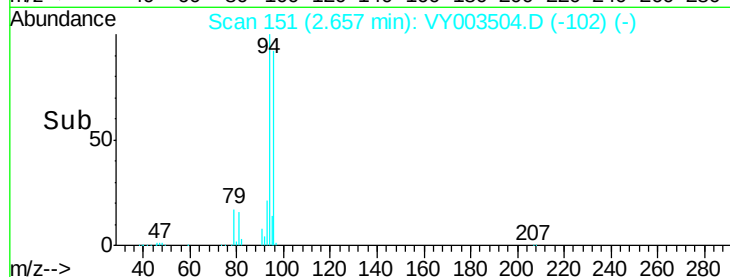
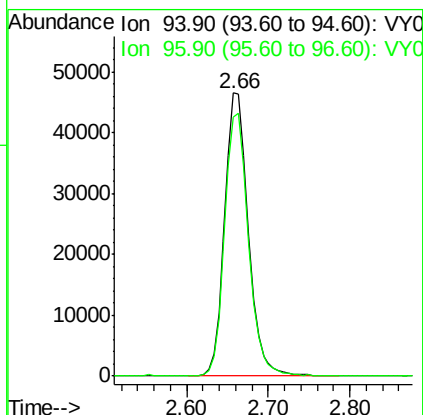
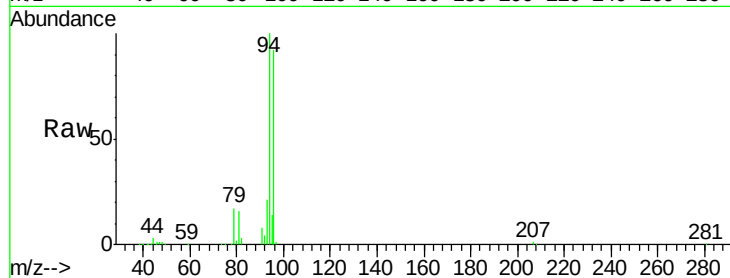
VSTDCCC050

Tot Ion: 94 Resp: 93544

Ion Ratio Lower Upper

94 100

96 91.4 74.6 112.0



#6

Chloroethane

Concen: 47.863 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003504.D

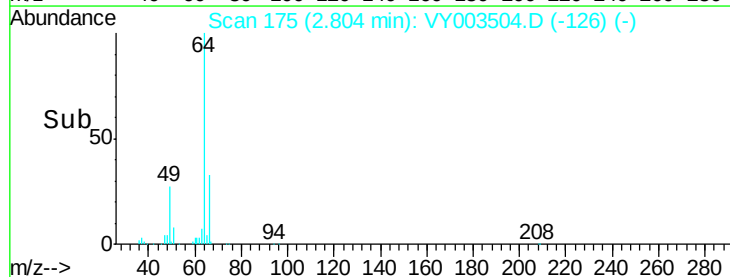
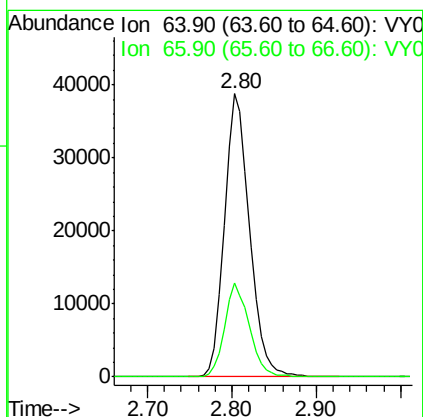
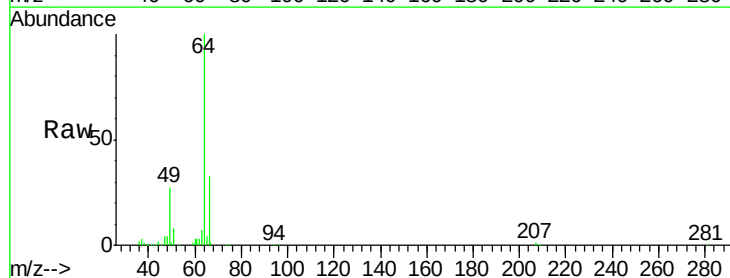
Acq: 04 Nov 2020 10:03

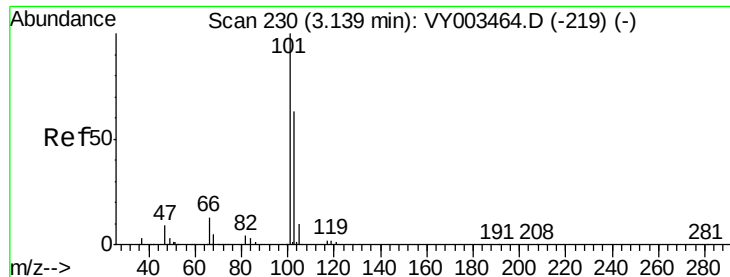
Tgt Ion: 64 Resp: 78373

Ion Ratio Lower Upper

64 100

66 33.3 25.6 38.4



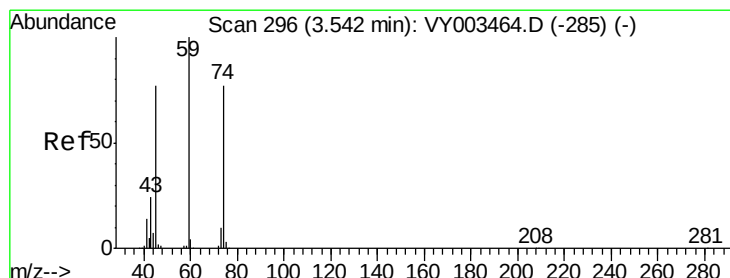
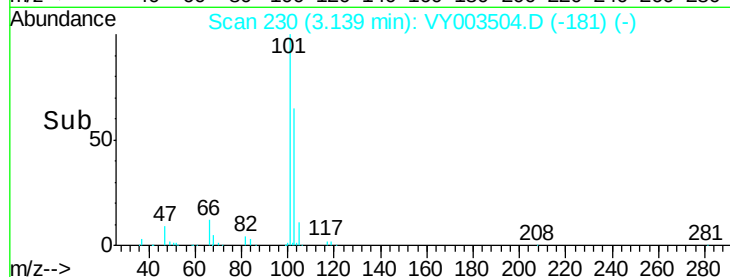
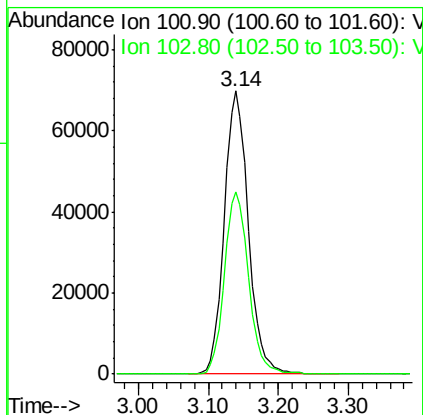
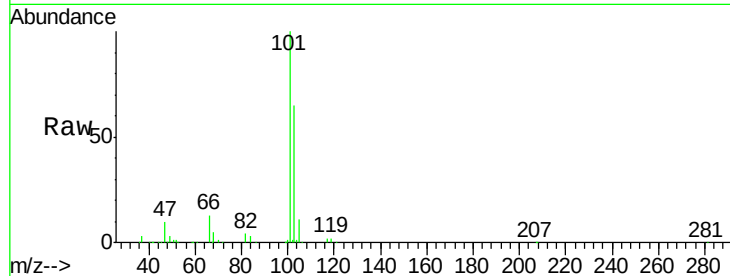


#7

Trichlorofluoromethane
Concen: 47.810 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

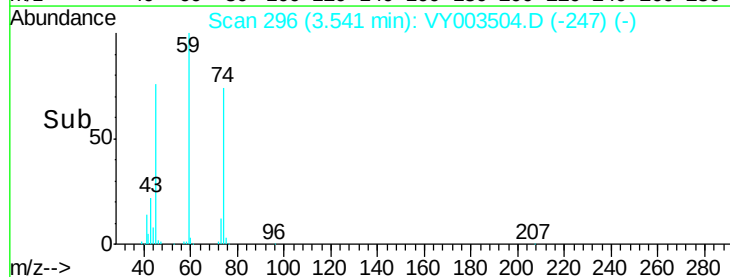
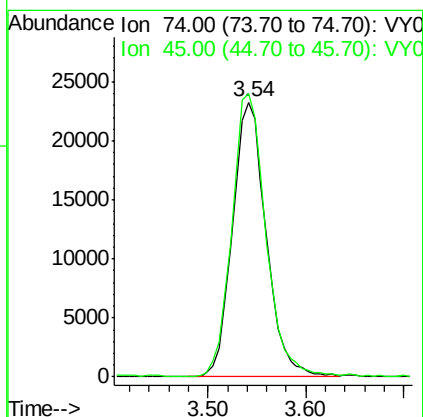
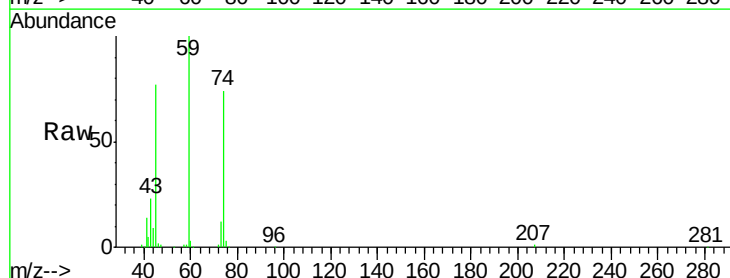
Tot Ion:101 Resp: 166723
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

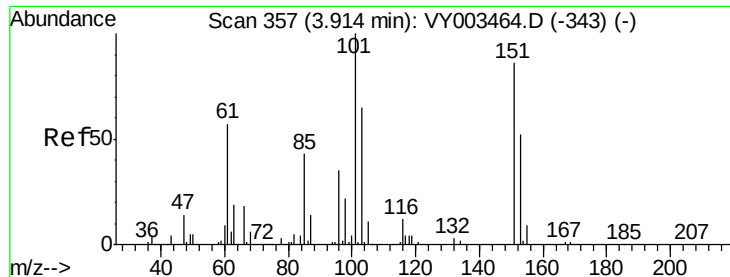


#8

Diethyl Ether
Concen: 51.735 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 74 Resp: 55324
Ion Ratio Lower Upper
74 100
45 104.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.701 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

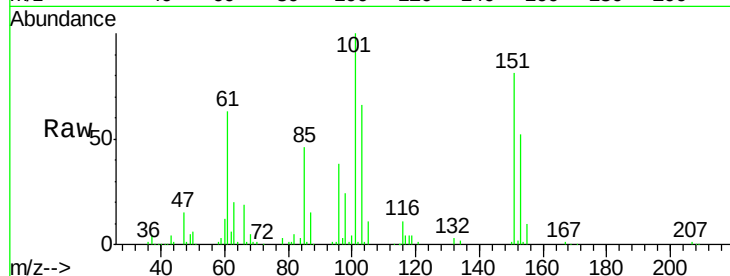
Tot Ion:101 Resp: 93865

Ion Ratio Lower Upper

101 100

85 45.6 35.8 53.8

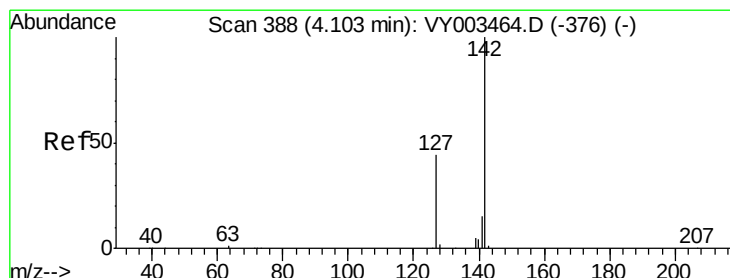
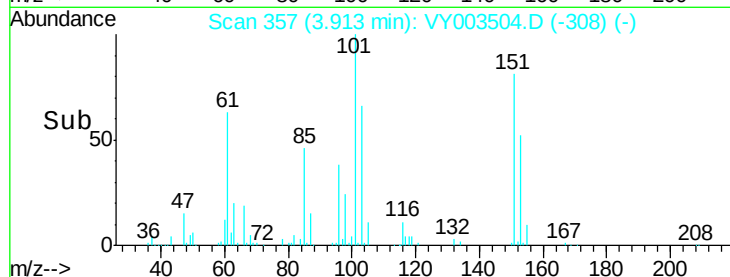
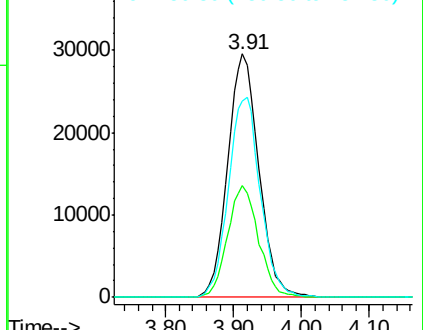
151 84.2 67.6 101.4



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: 50.715 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

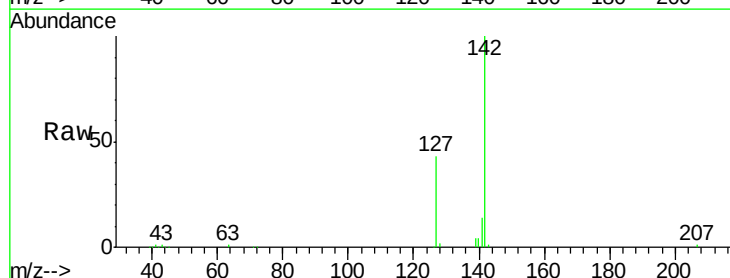
Tgt Ion:142 Resp: 100470

Ion Ratio Lower Upper

142 100

127 44.2 34.5 51.7

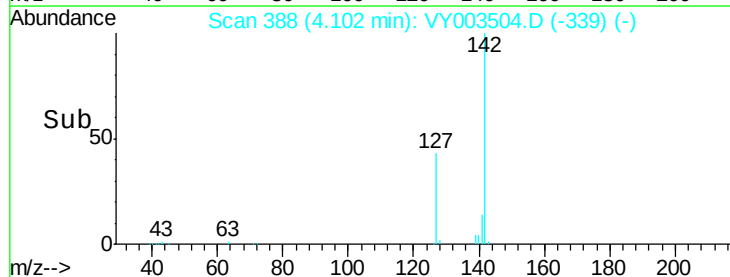
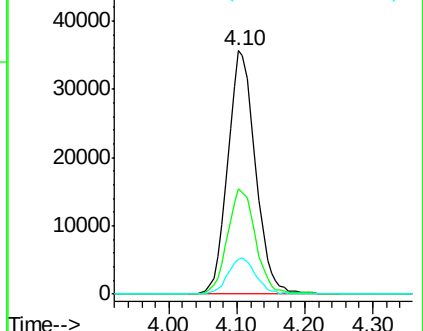
141 14.9 11.8 17.8

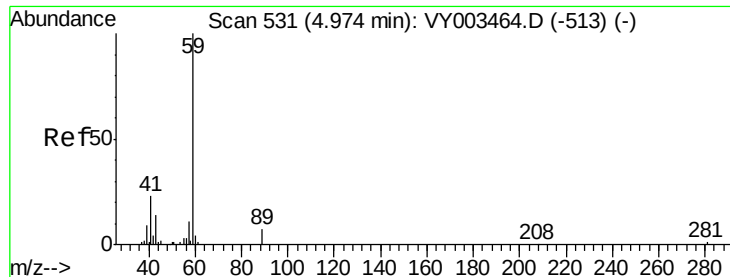


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



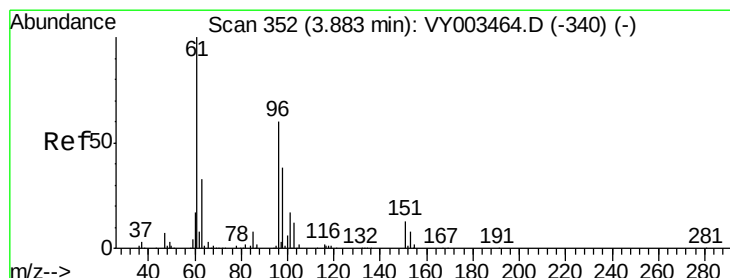
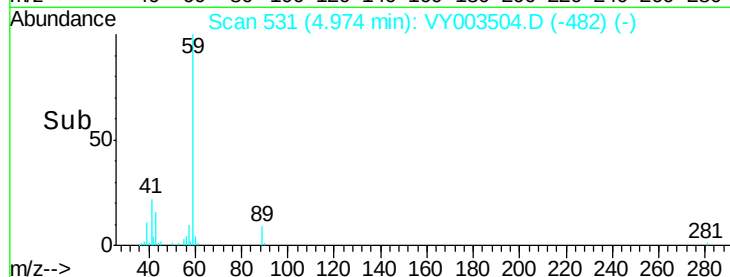
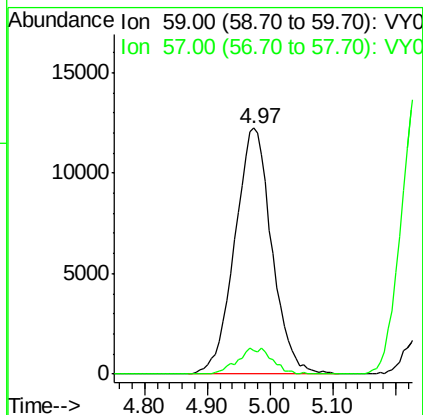
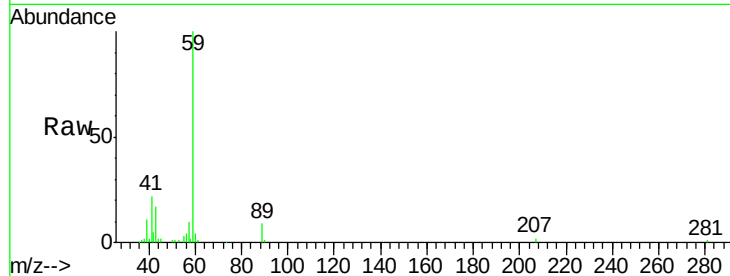


#11

Tert butyl alcohol
 Concen: 204.575 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

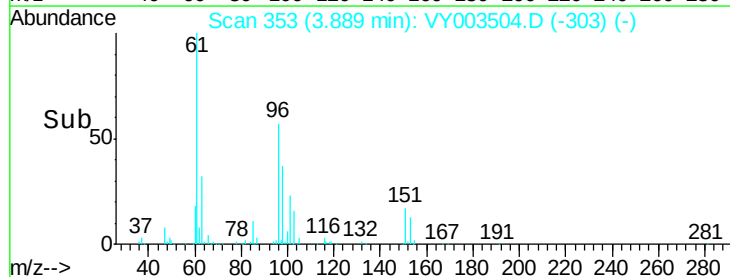
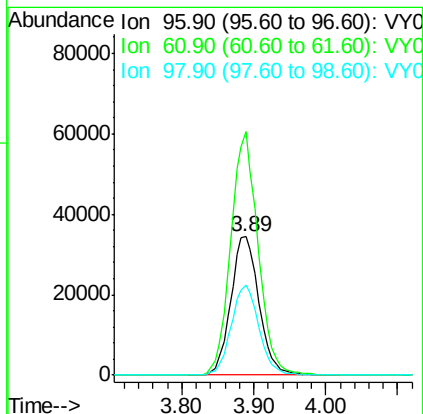
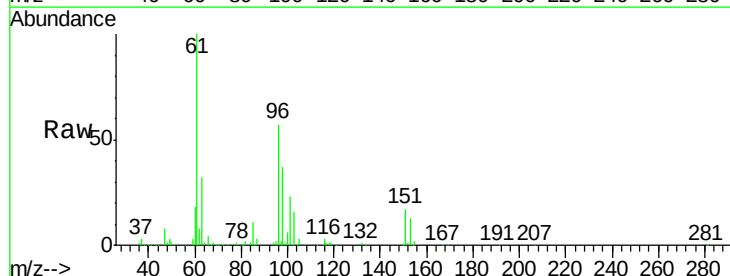
Tot Ion: 59 Resp: 49871
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

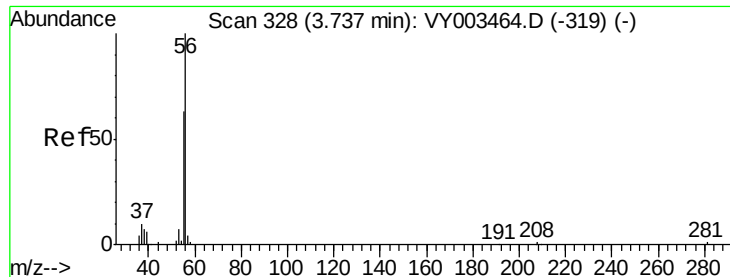


#12

1,1-Dichloroethene
 Concen: 48.851 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion: 96 Resp: 93678
 Ion Ratio Lower Upper
 96 100
 61 175.8 133.6 200.4
 98 64.9 50.2 75.2

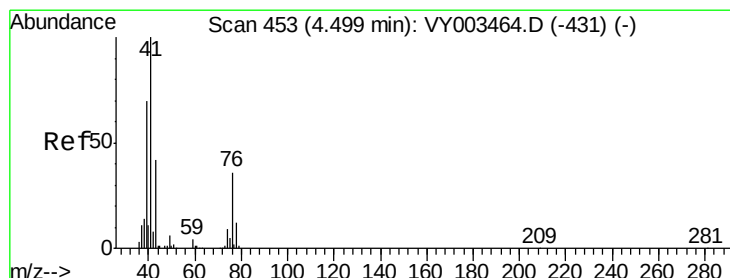
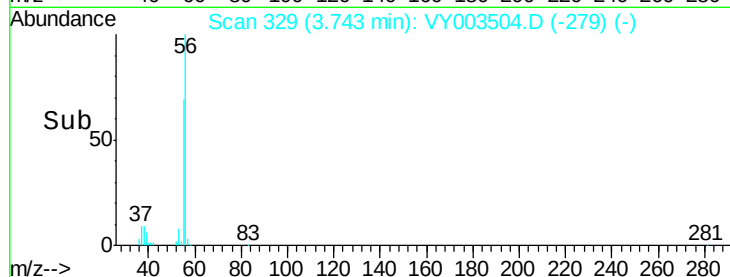
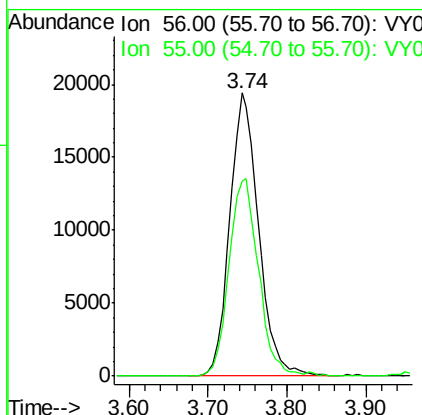
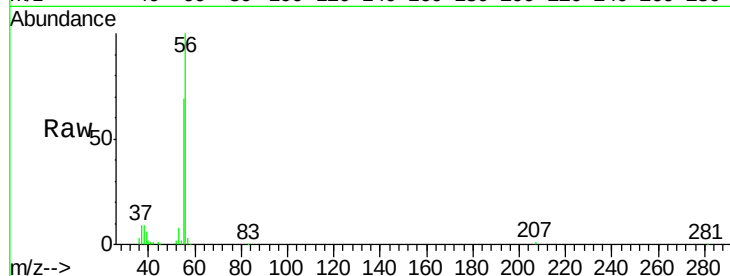




#13
Acrolein
Concen: 247.321 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

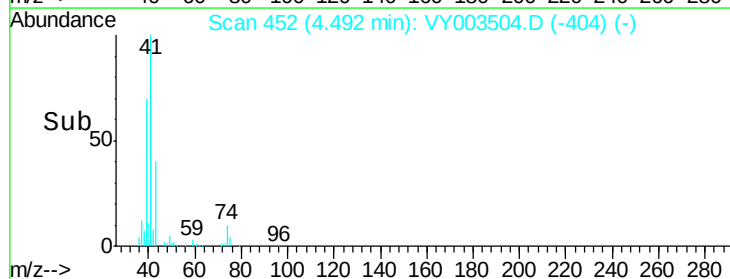
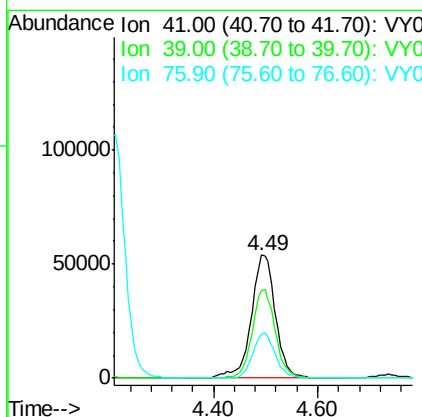
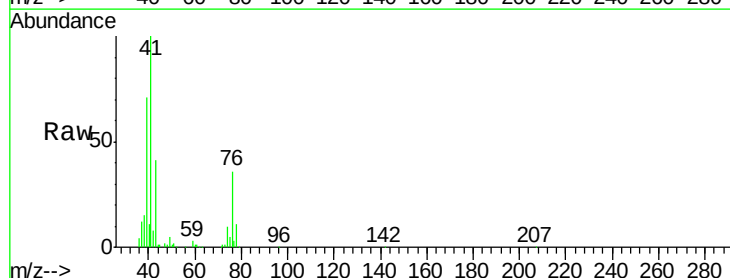
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

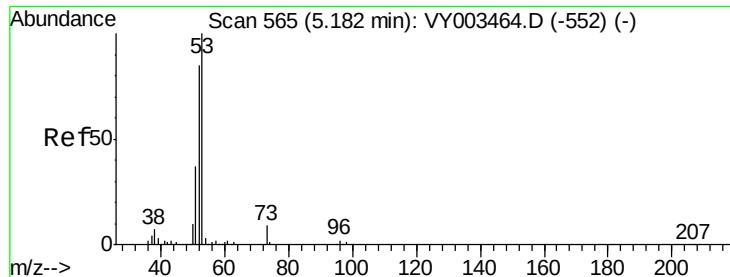
Tot Ion: 56 Resp: 49442
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0



#14
Allyl chloride
Concen: 49.240 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 41 Resp: 172270
Ion Ratio Lower Upper
41 100
39 68.9 54.4 81.6
76 34.0 27.6 41.4





#15

Acrylonitrile

Concen: 222.837 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

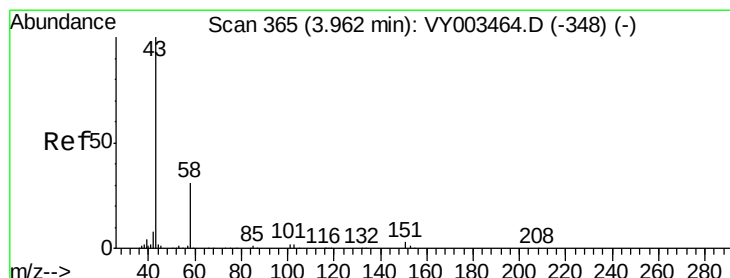
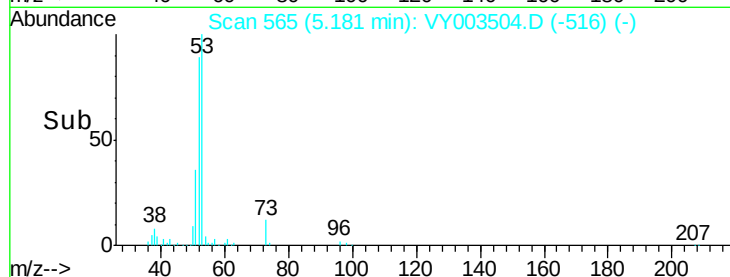
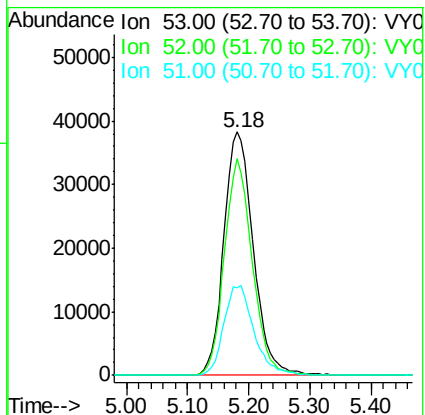
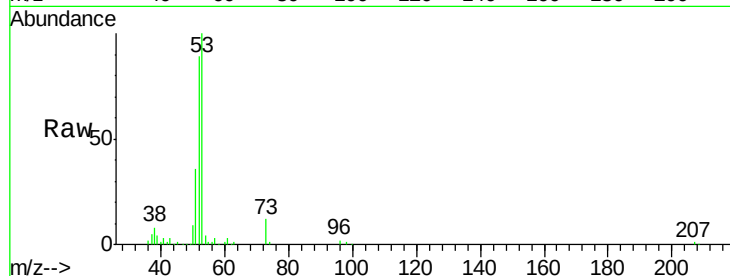
Tot Ion: 53 Resp: 127199

Ion Ratio Lower Upper

53 100

52 84.2 66.9 100.3

51 37.9 29.3 43.9



#16

Acetone

Concen: 291.768 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY003504.D

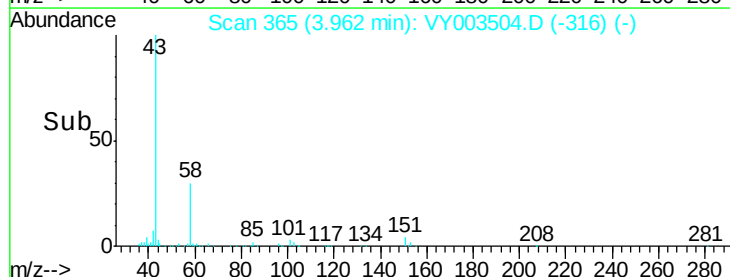
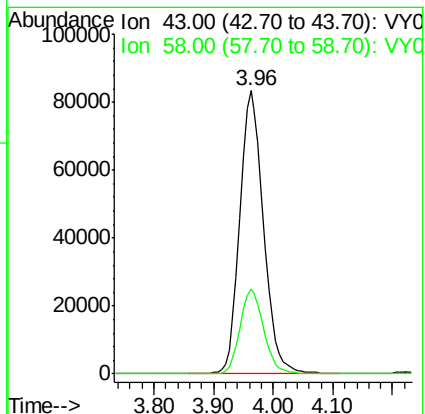
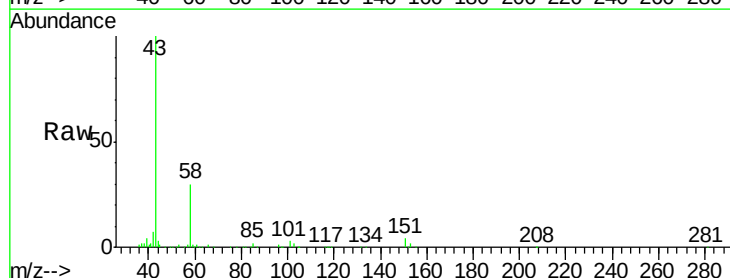
Acq: 04 Nov 2020 10:03

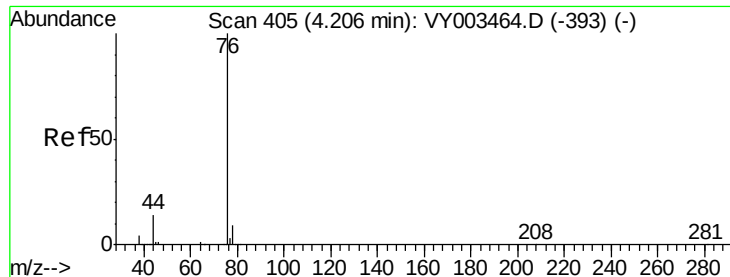
Tgt Ion: 43 Resp: 231852

Ion Ratio Lower Upper

43 100

58 30.2 25.0 37.4





#17

Carbon Disulfide

Concen: 47.774 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.01 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

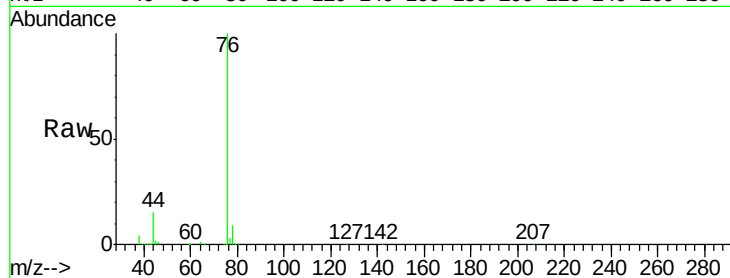
VSTDCCC050

Tot Ion: 76 Resp: 296786

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

120000

100000

80000

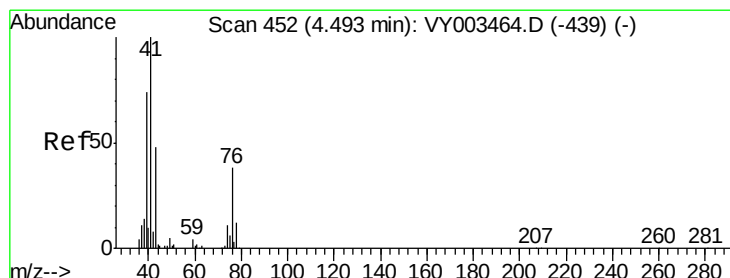
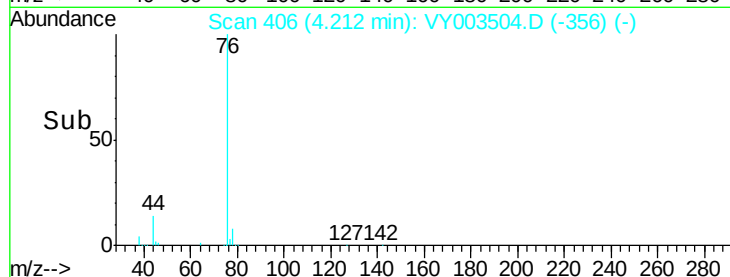
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 44.866 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003504.D

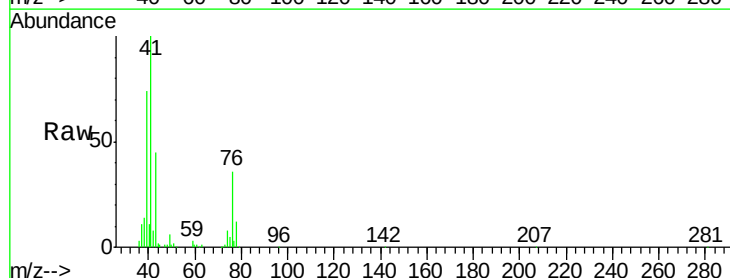
Acq: 04 Nov 2020 10:03

Tgt Ion: 43 Resp: 67375

Ion Ratio Lower Upper

43 100

74 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

25000

20000

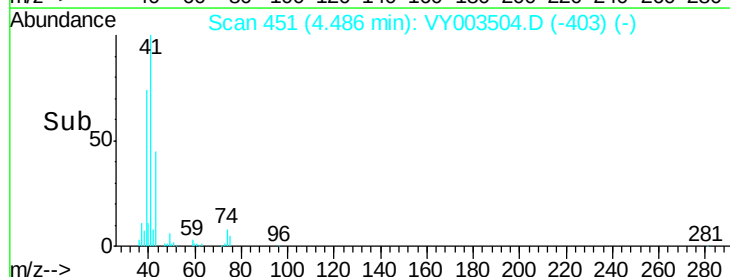
15000

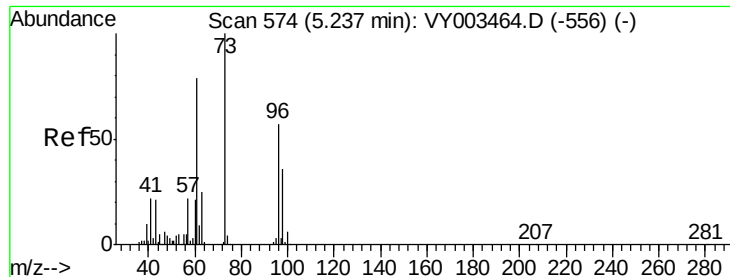
10000

5000

0

Time-->

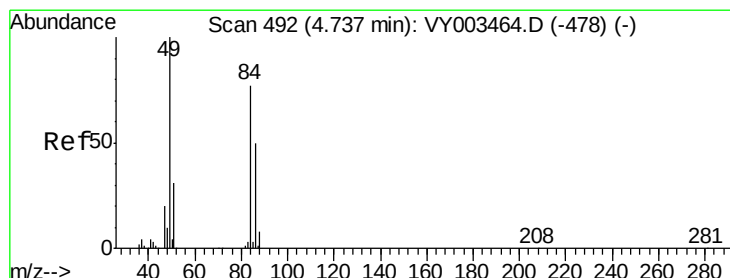
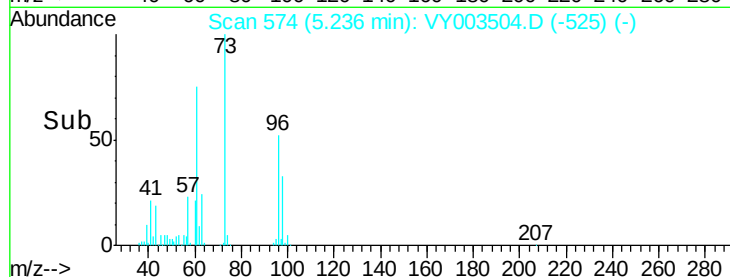
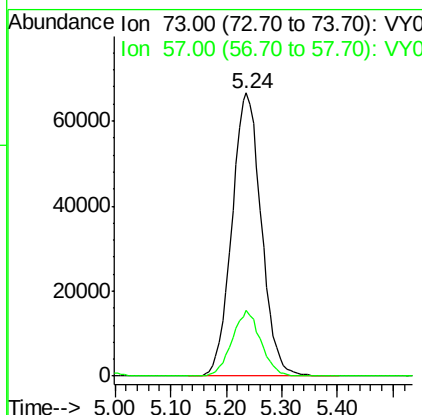
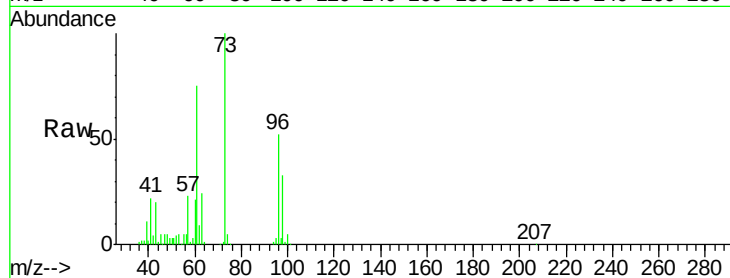




#19
Methyl tert-butyl Ether
Concen: 51.254 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

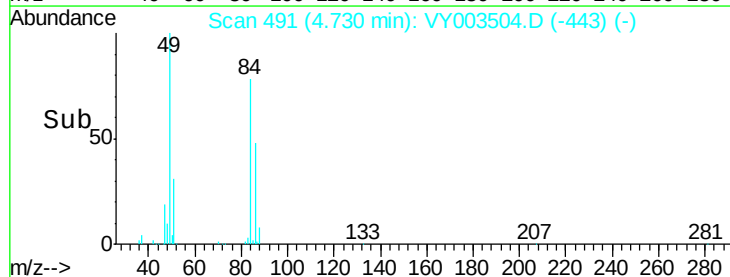
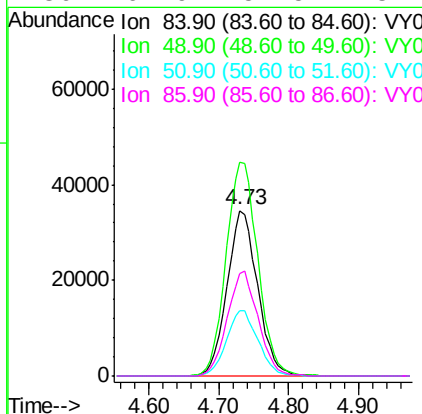
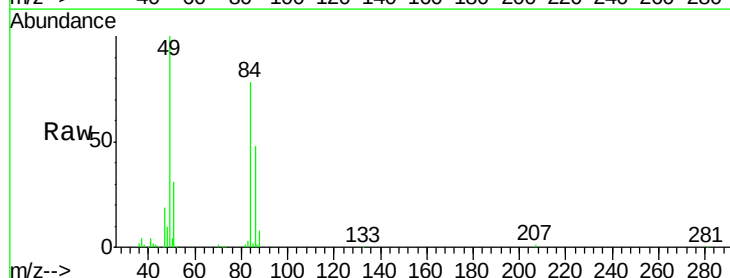
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

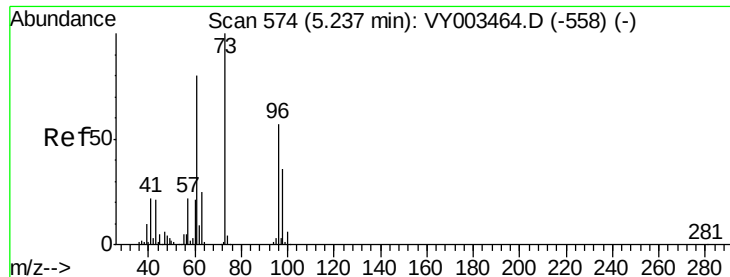
Tot Ion: 73 Resp: 243438
Ion Ratio Lower Upper
73 100
57 23.4 17.2 25.8



#20
Methylene Chloride
Concen: 46.859 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 84 Resp: 104866
Ion Ratio Lower Upper
84 100
49 129.0 104.3 156.5
51 39.7 32.5 48.7
86 61.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.870 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

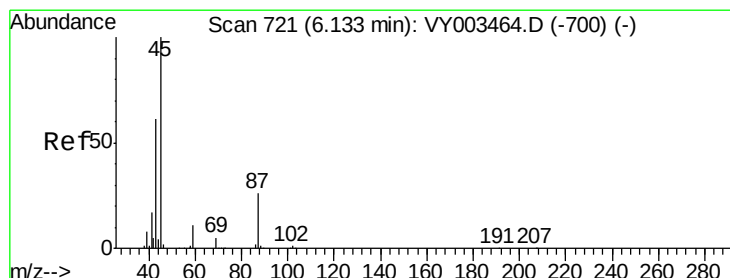
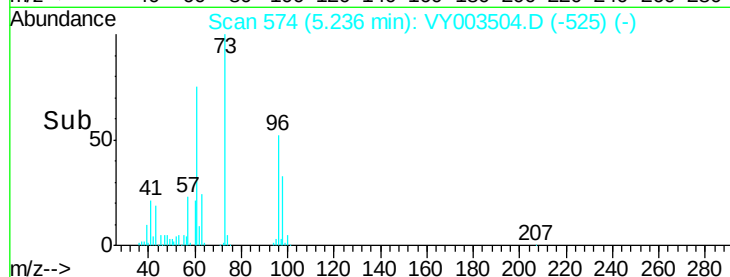
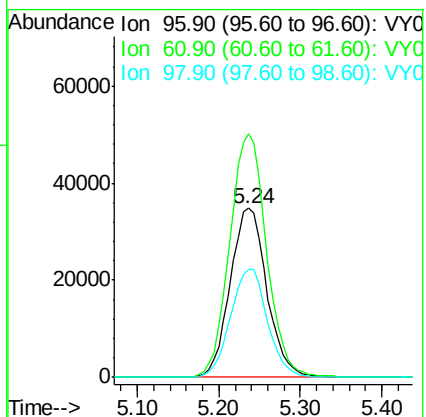
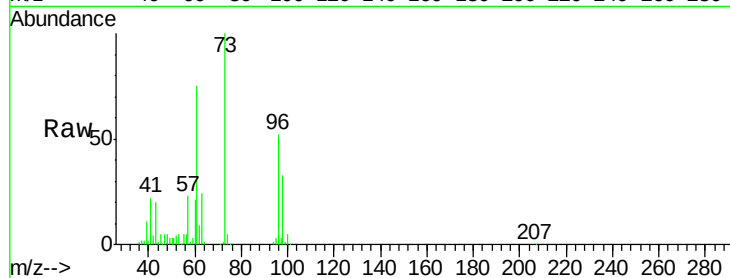
Tot Ion: 96 Resp: 108513

Ion Ratio Lower Upper

96 100

61 143.8 111.3 166.9

98 63.6 50.3 75.5



#22

Diisopropyl ether

Concen: 53.267 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Tgt Ion: 45 Resp: 326867

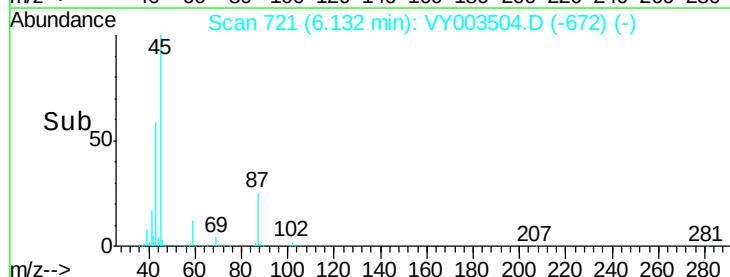
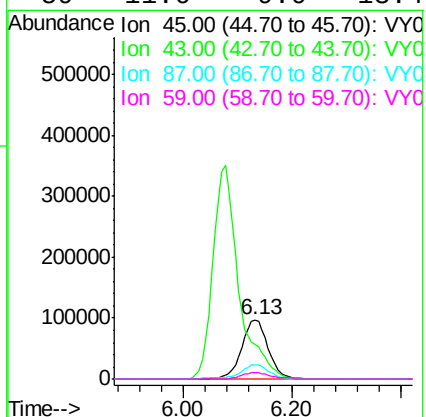
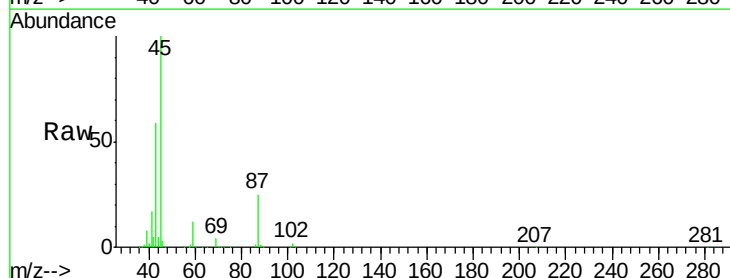
Ion Ratio Lower Upper

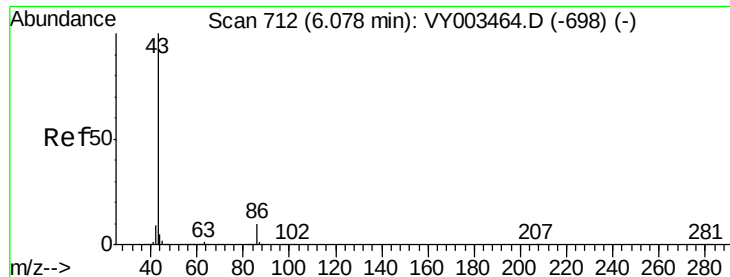
45 100

43 58.8 48.8 73.2

87 24.8 20.6 31.0

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 250.454 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

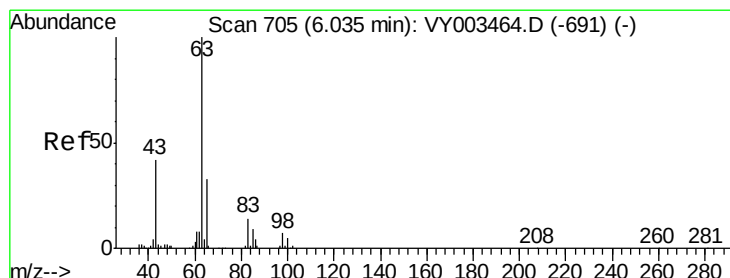
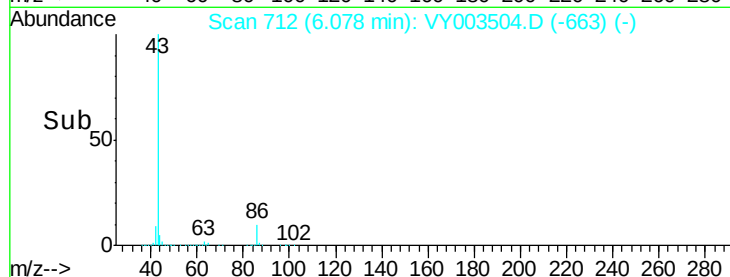
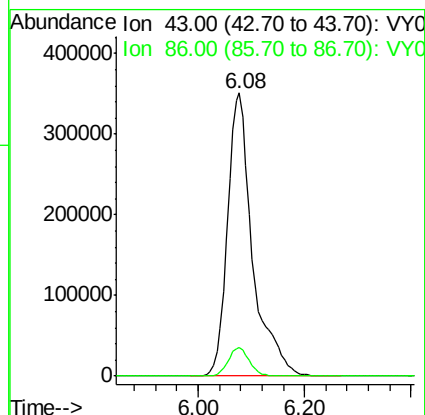
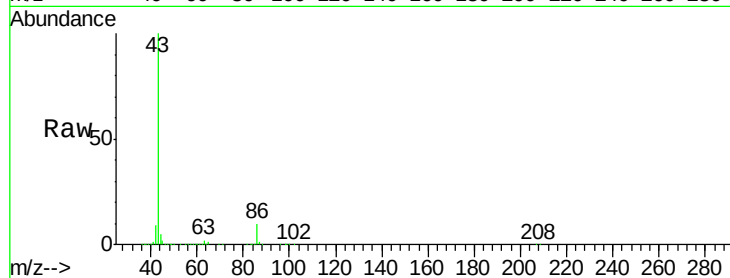
VSTDCCC050

Tot Ion: 43 Resp: 1154904

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 50.649 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

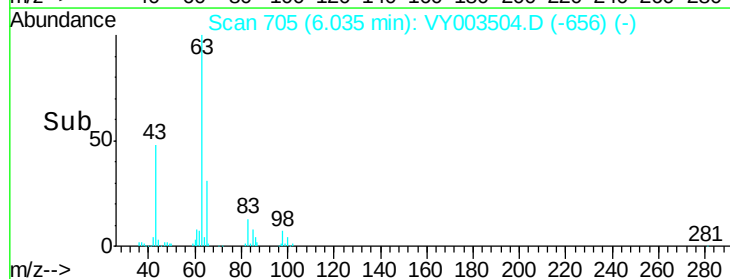
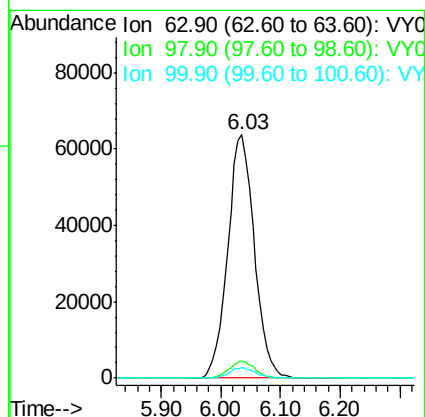
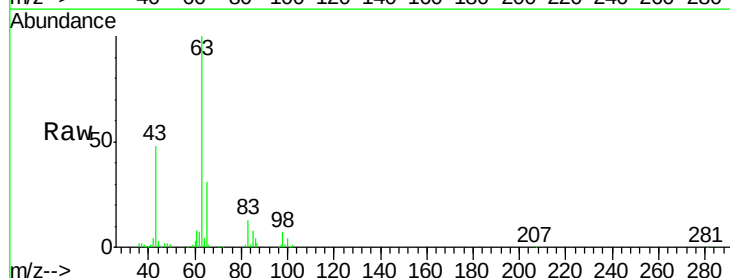
Tgt Ion: 63 Resp: 197500

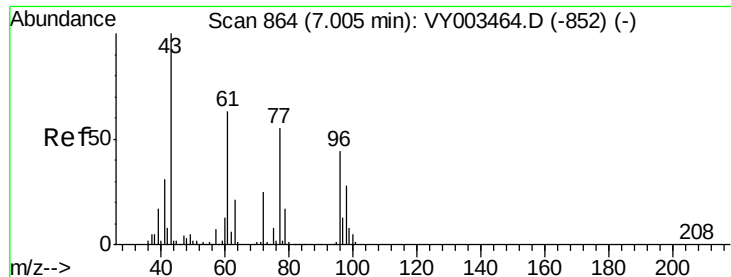
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 264.353 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

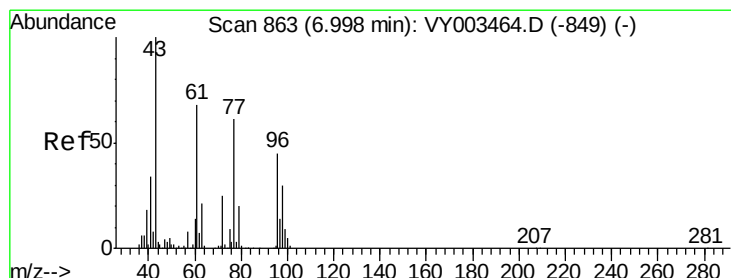
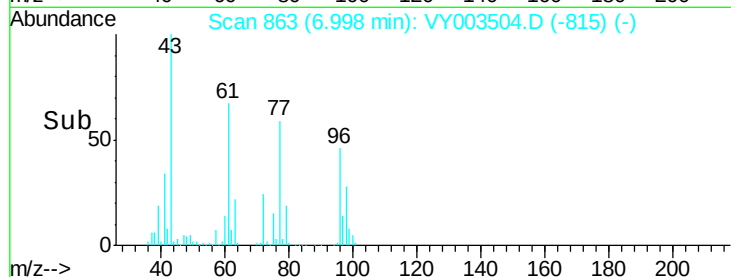
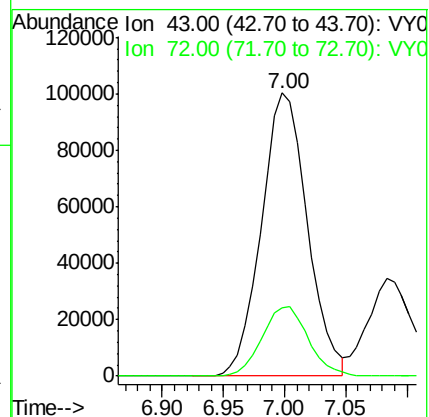
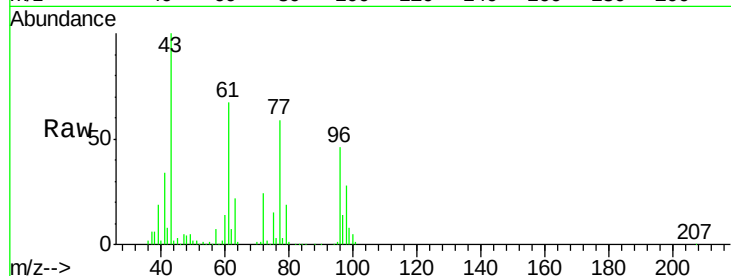
VSTDCCC050

Tot Ion: 43 Resp: 262733

Ion Ratio Lower Upper

43 100

72 24.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 50.147 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003504.D

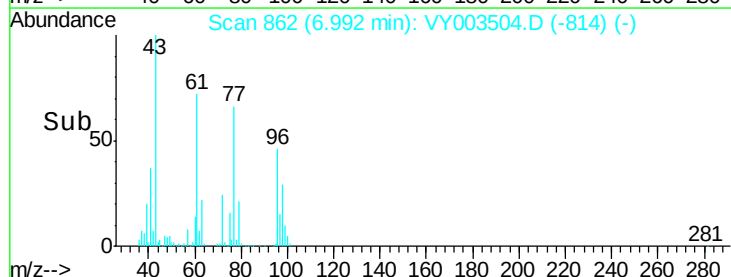
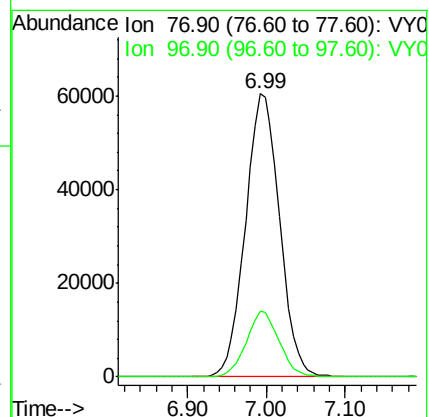
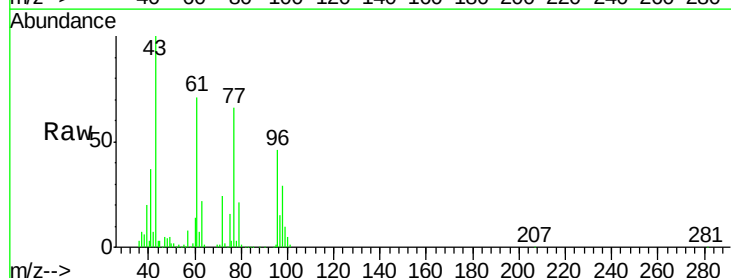
Acq: 04 Nov 2020 10:03

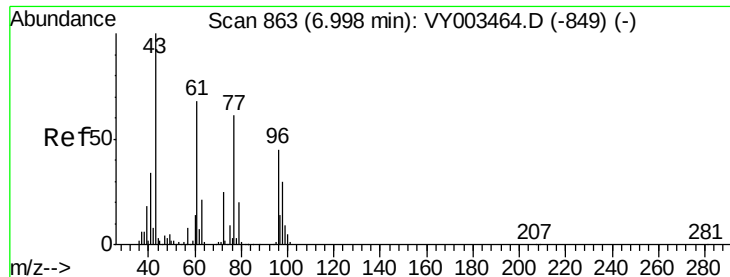
Tgt Ion: 77 Resp: 182173

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.642 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

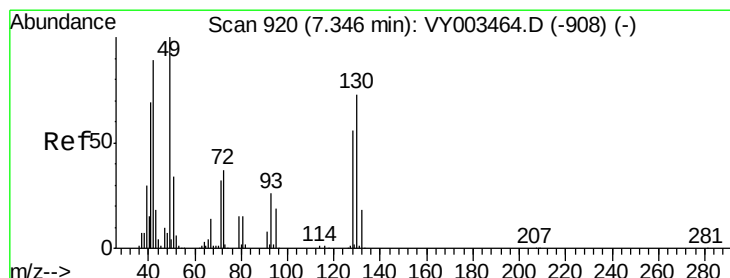
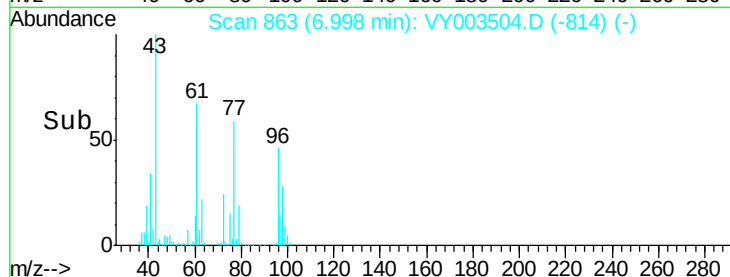
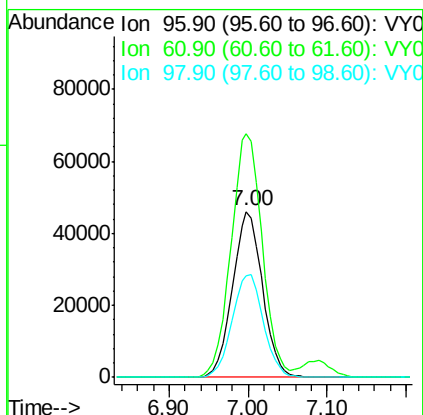
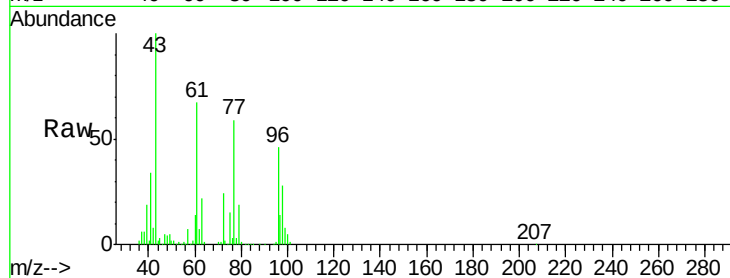
Tot Ion: 96 Resp: 121847

Ion Ratio Lower Upper

96 100

61 152.2 0.0 299.2

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 50.670 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

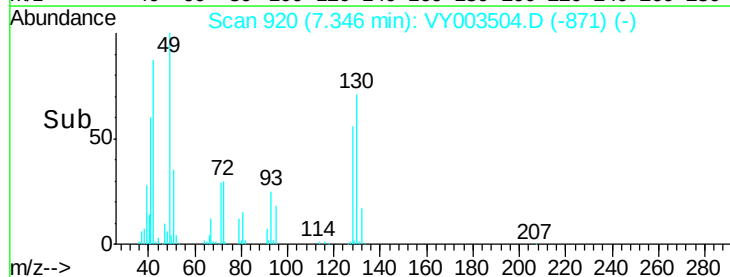
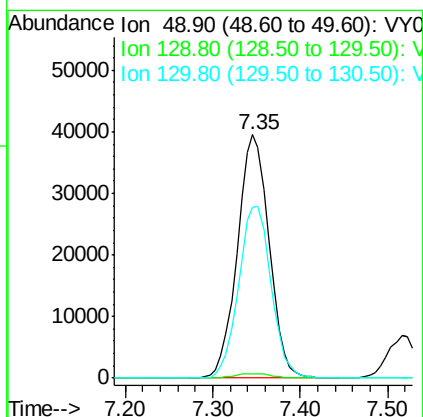
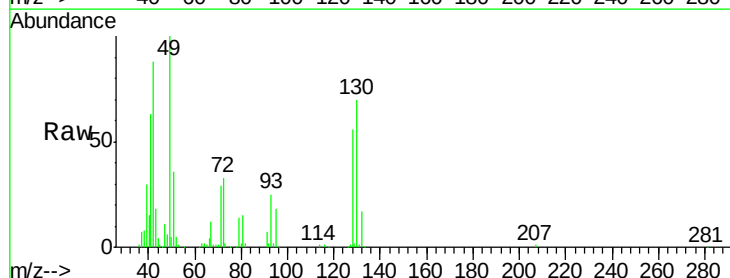
Tgt Ion: 49 Resp: 99399

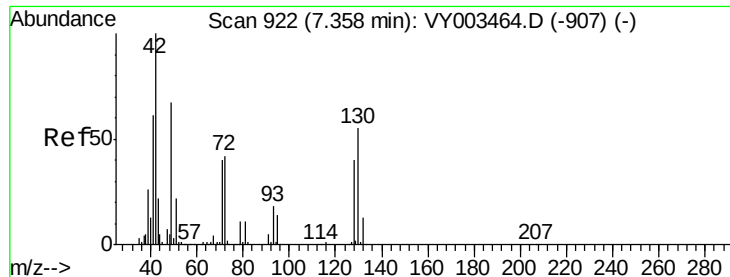
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 72.4 60.0 90.0





#29

Tetrahydrofuran

Concen: 222.740 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

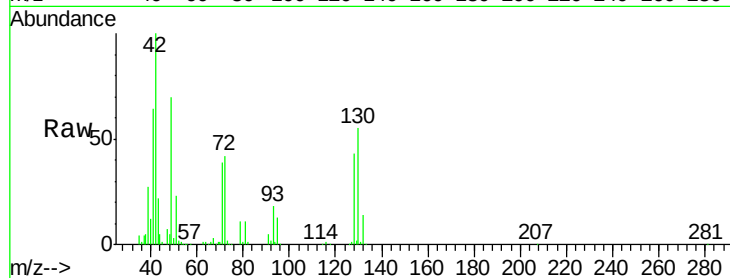
Tot Ion: 42 Resp: 115676

Ion Ratio Lower Upper

42 100

72 40.6 32.8 49.2

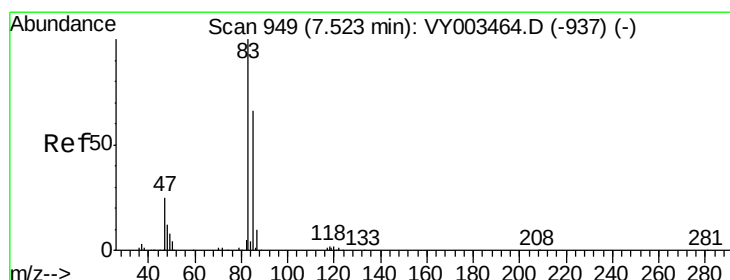
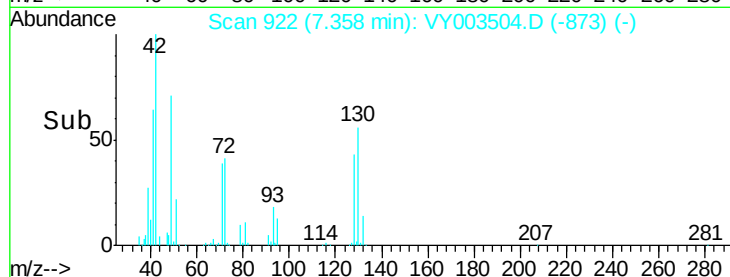
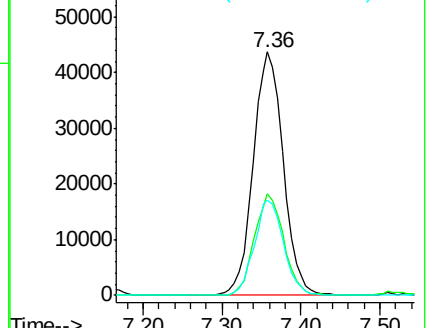
71 38.0 30.7 46.1



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: 51.245 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY003504.D

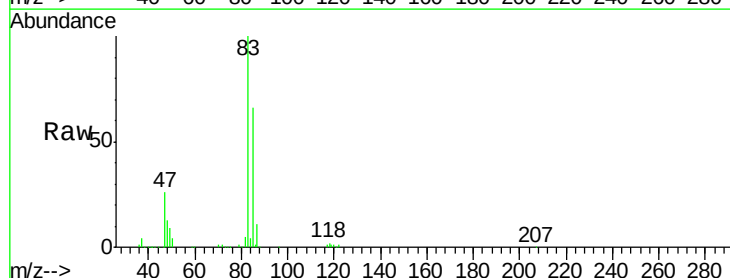
Acq: 04 Nov 2020 10:03

Tgt Ion: 83 Resp: 196268

Ion Ratio Lower Upper

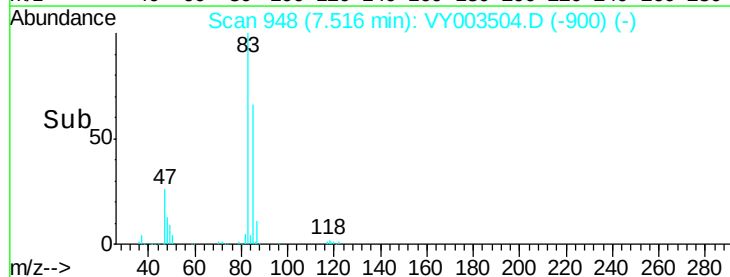
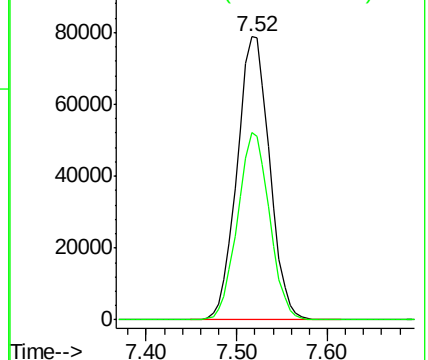
83 100

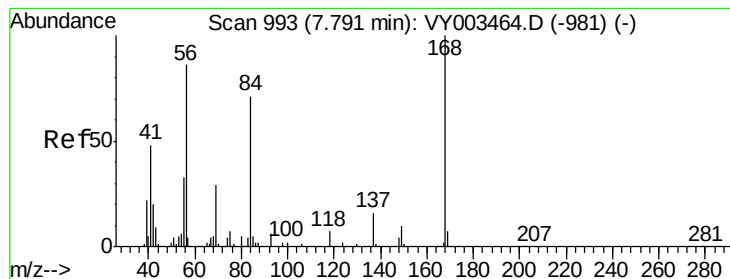
85 66.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.984 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

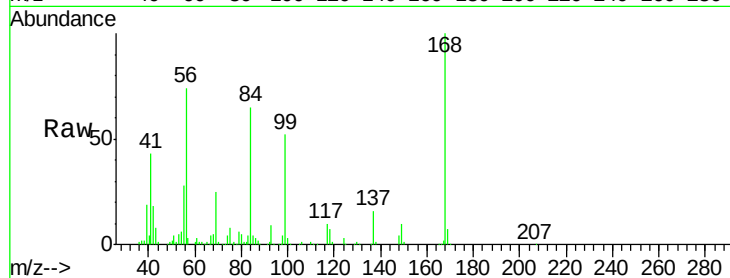
Tot Ion: 56 Resp: 166026

Ion Ratio Lower Upper

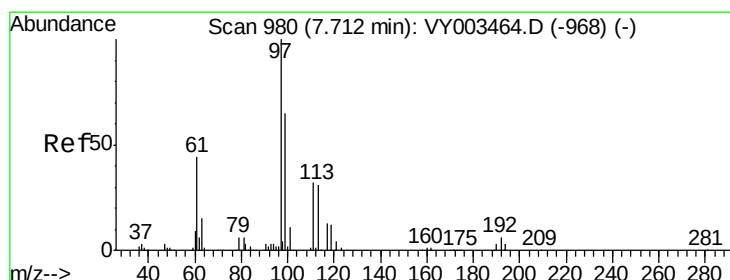
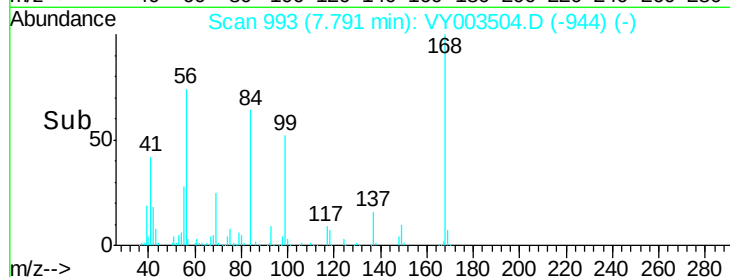
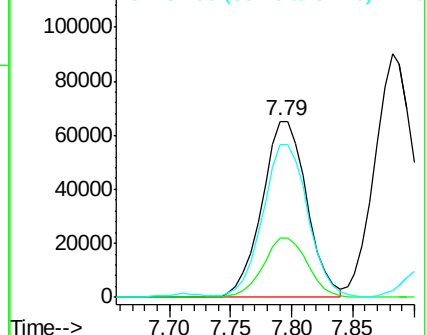
56 100

69 33.4 26.6 39.8

84 85.3 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: 50.019 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

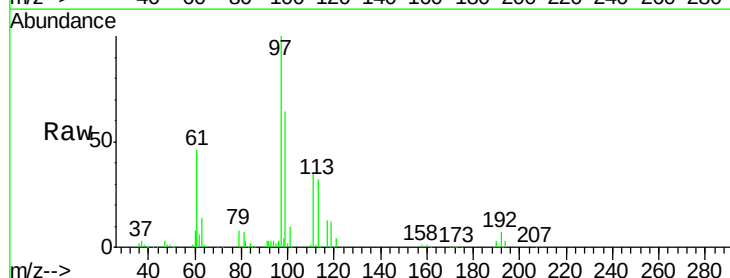
Tgt Ion: 97 Resp: 178720

Ion Ratio Lower Upper

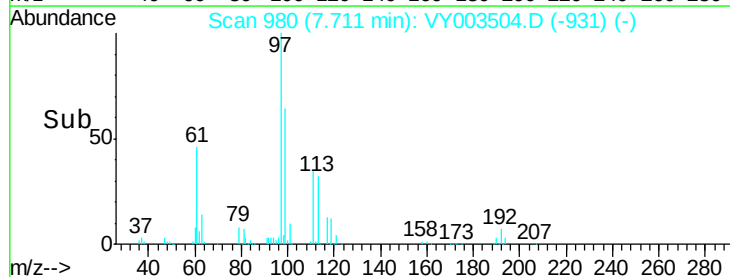
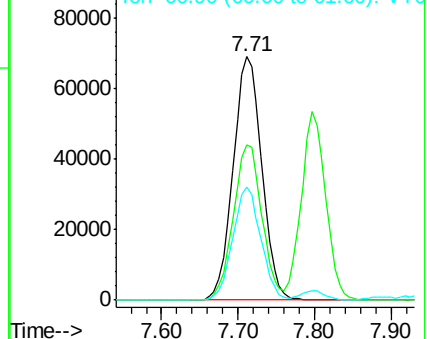
97 100

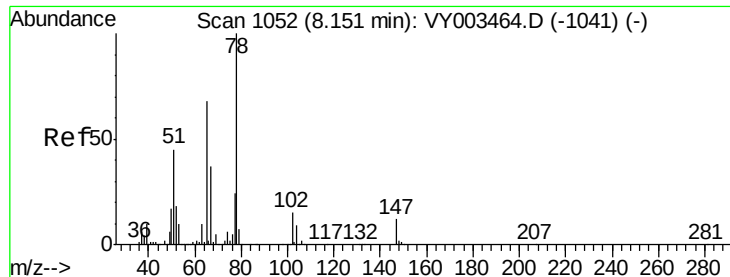
99 63.9 51.6 77.4

61 45.4 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

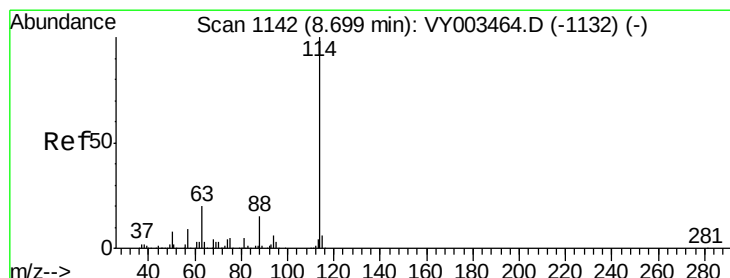
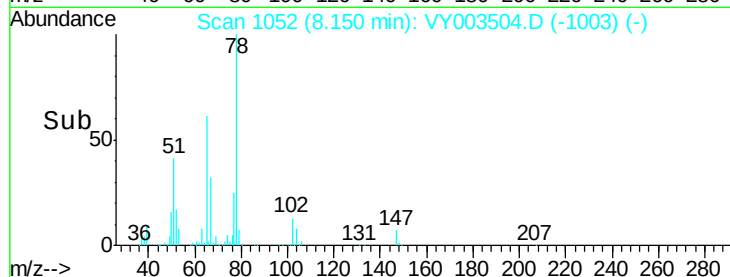
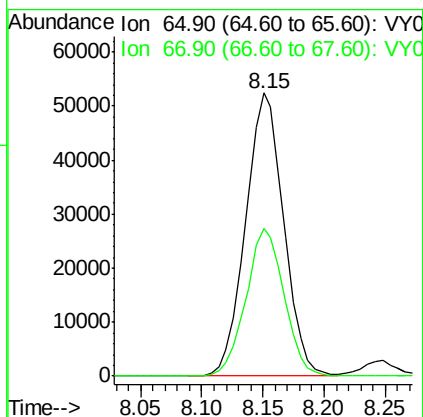
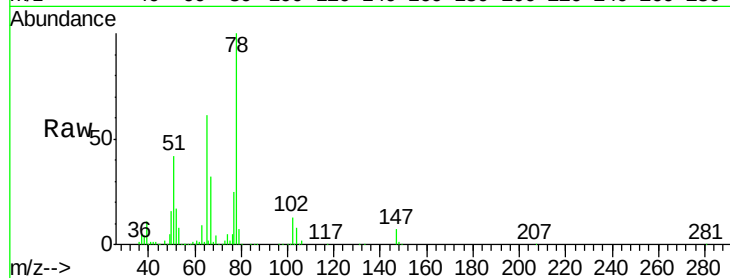




#33
 1,2-Dichloroethane-d4
 Concen: 47.154 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

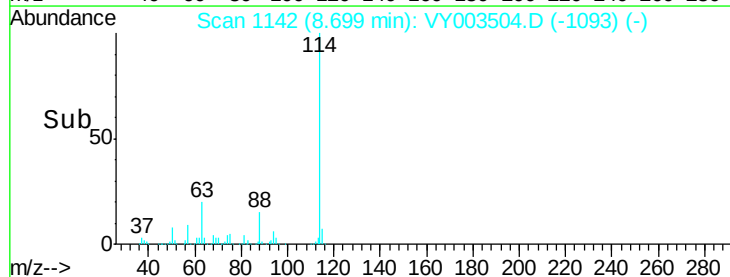
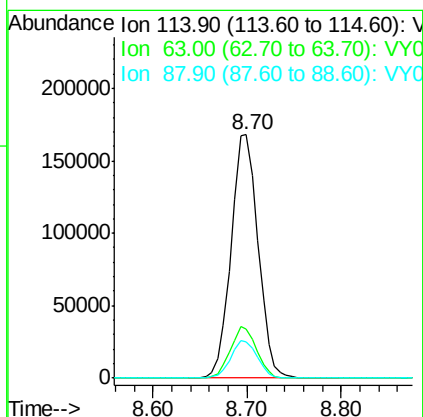
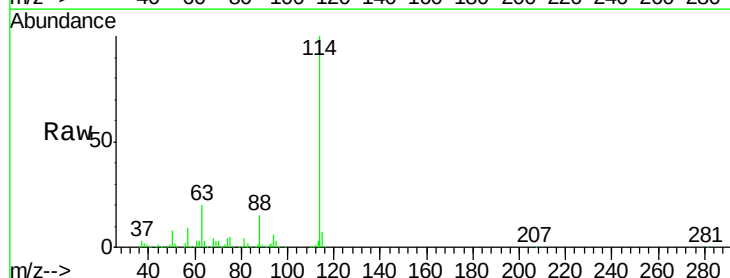
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

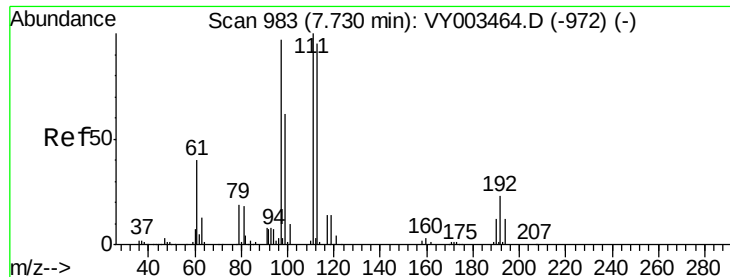
Tot Ion: 65 Resp: 113587
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion: 114 Resp: 334978
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 14.8 0.0 29.4

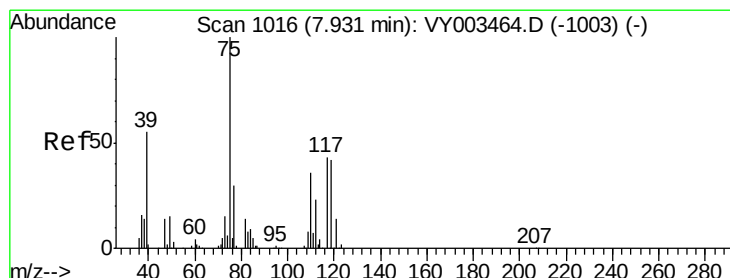
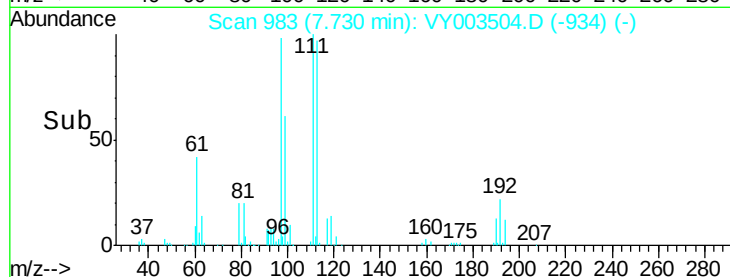
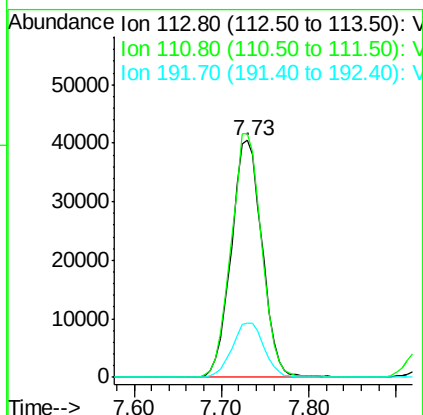
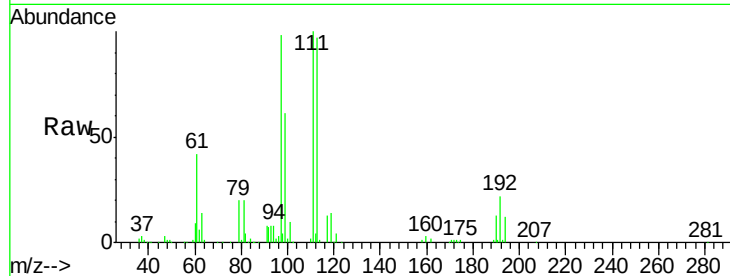




#35
 Dibromofluoromethane
 Concen: 48.705 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

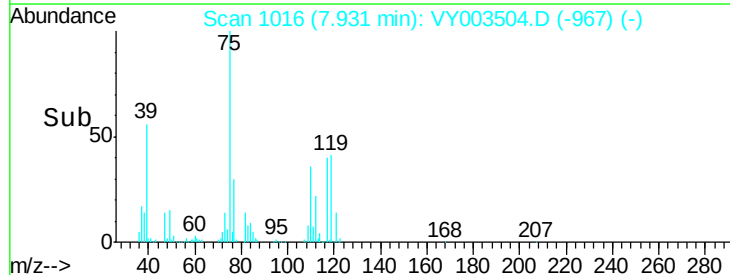
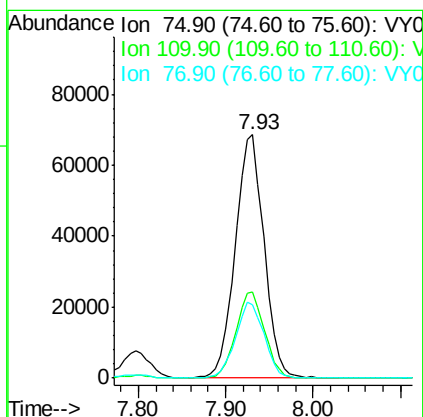
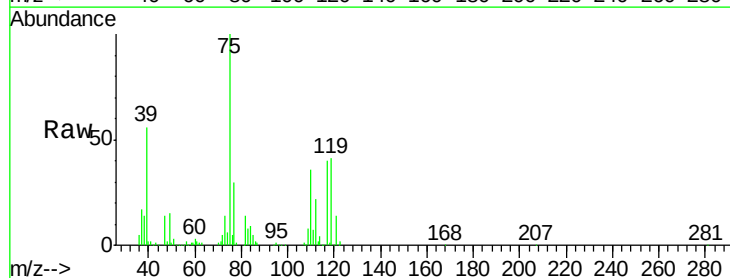
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

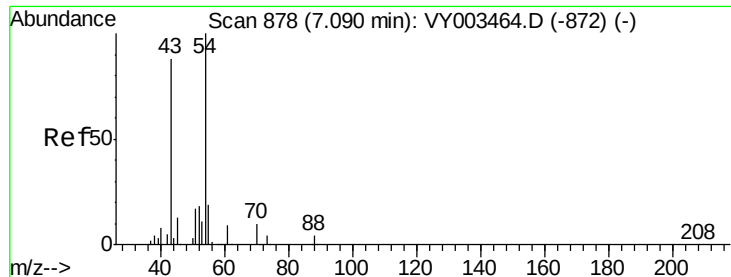
Tot Ion:113 Resp: 99282
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.6
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 49.649 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion: 75 Resp: 156806
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.6 52.9
 77 30.8 24.7 37.1

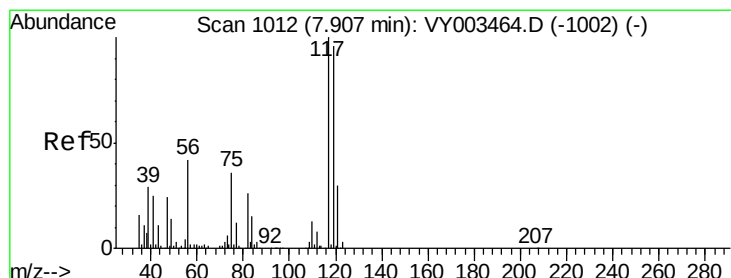
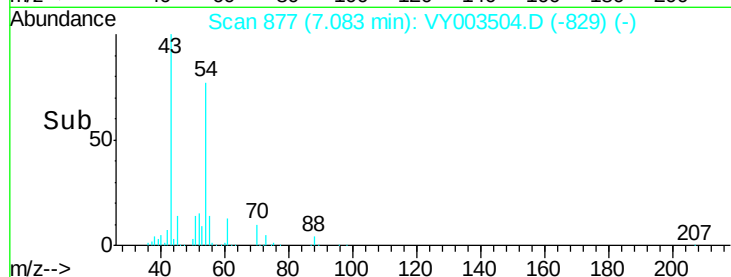
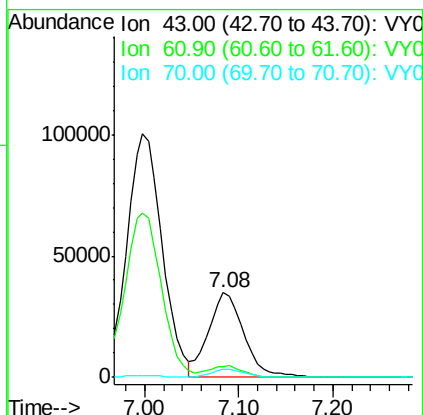
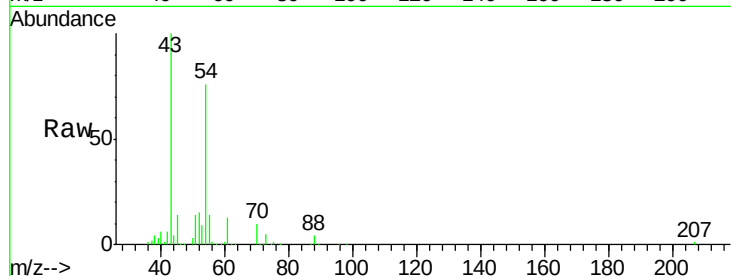




#37
Ethyl Acetate
Concen: 45.813 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

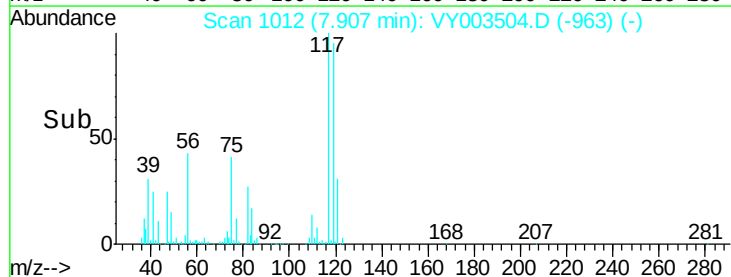
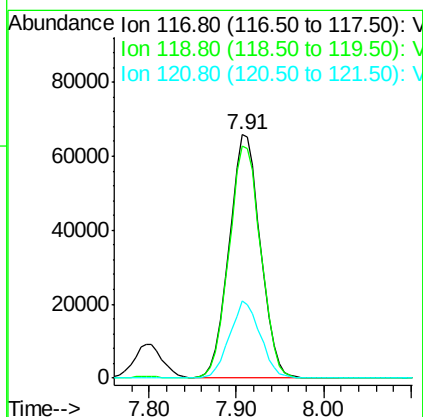
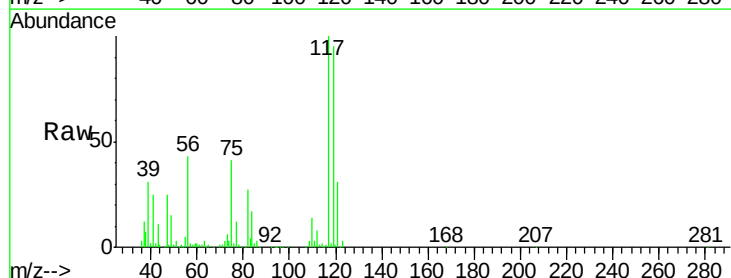
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

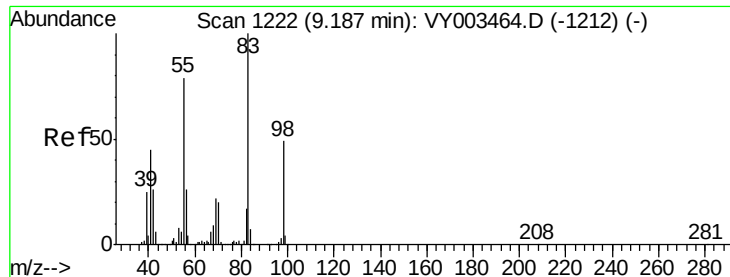
Tot Ion: 43 Resp: 89847
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.6
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.873 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 117 Resp: 163409
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
121 31.5 24.2 36.4

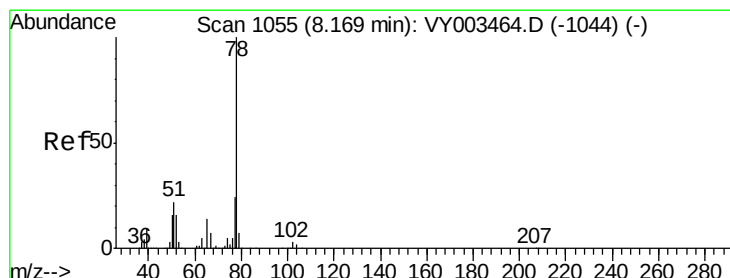
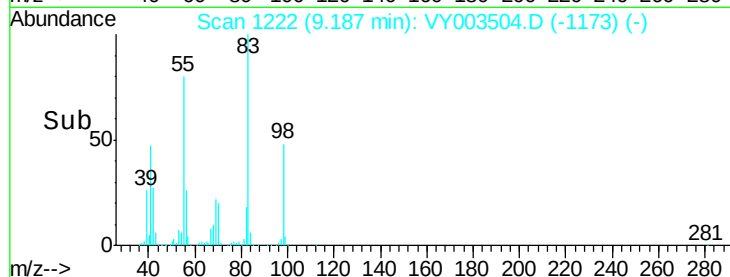
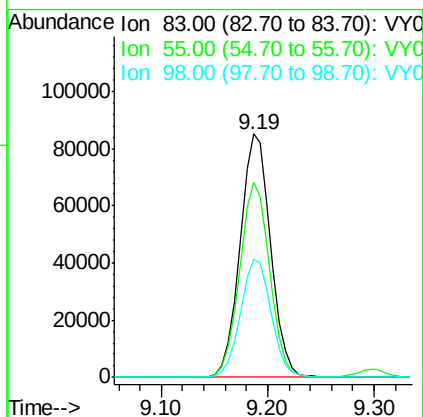
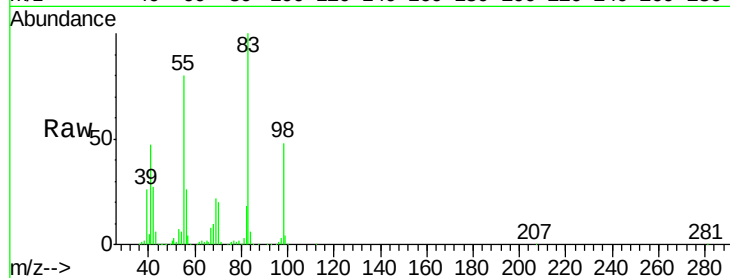




#39
Methylvlcyclohexane
Concen: 48.736 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

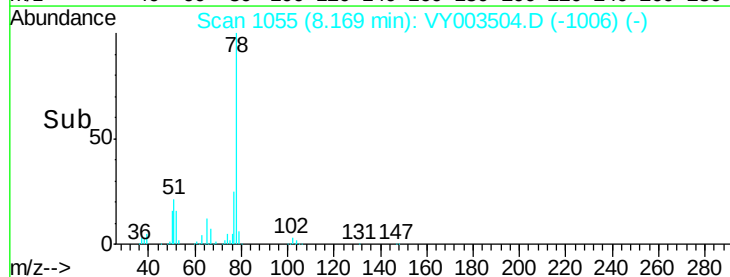
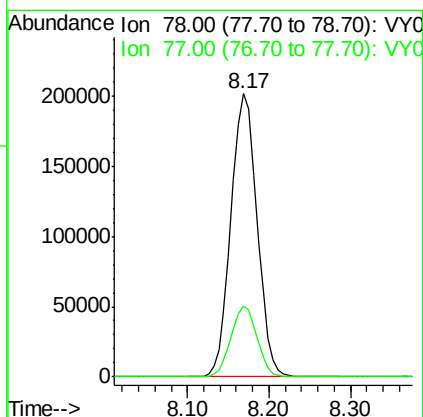
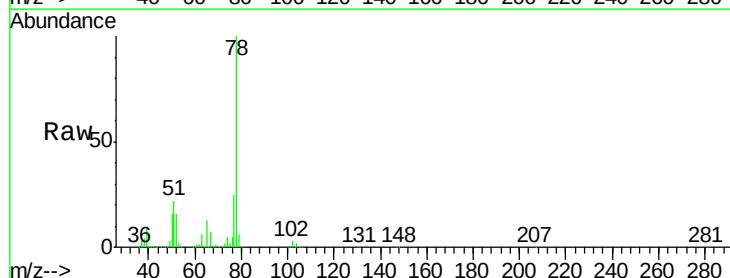
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

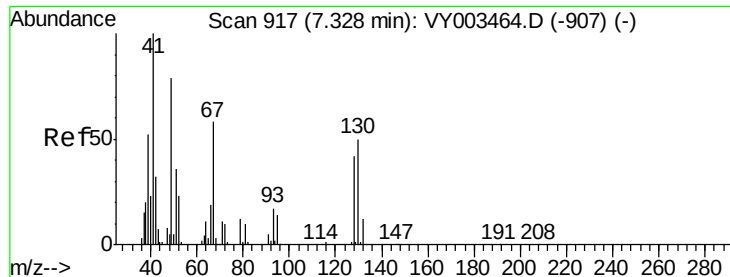
Tot Ion: 83 Resp: 171392
Ion Ratio Lower Upper
83 100
55 80.2 63.5 95.3
98 48.4 39.4 59.2



#40
Benzene
Concen: 50.697 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 78 Resp: 445592
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0

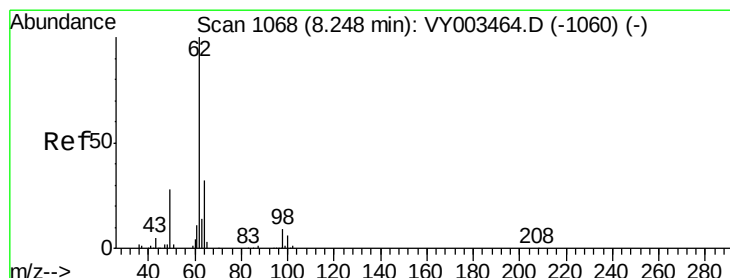
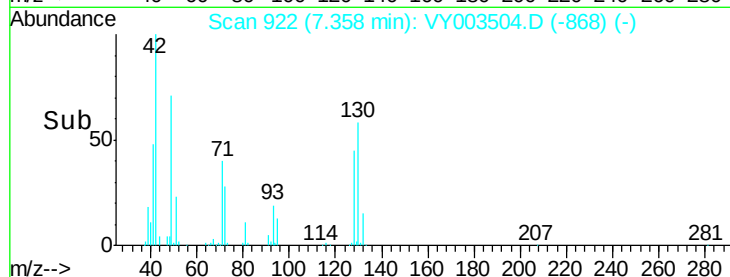
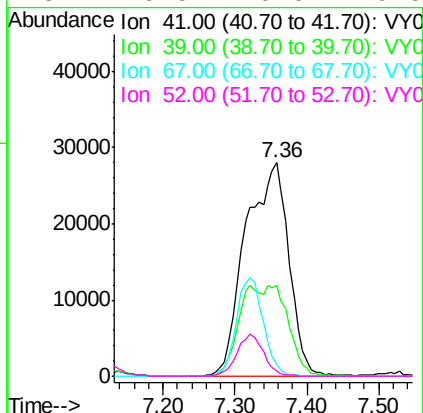
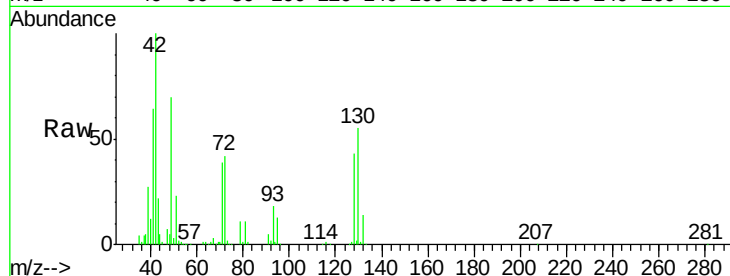




#41
Methacrylonitrile
Concen: 110.957 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

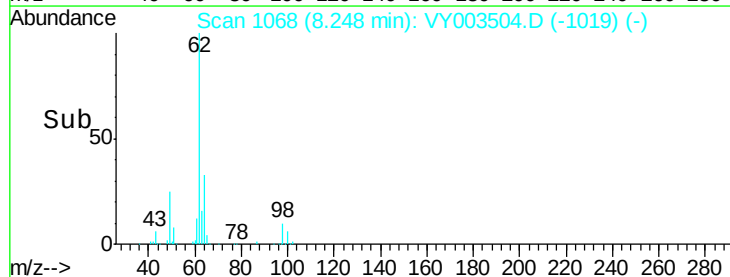
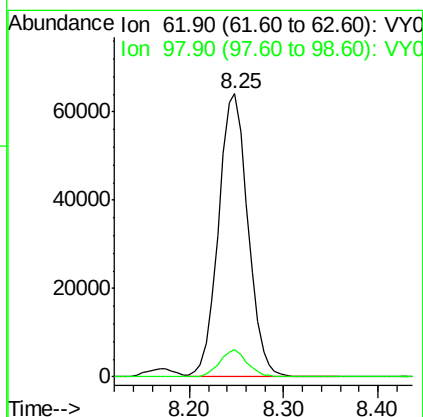
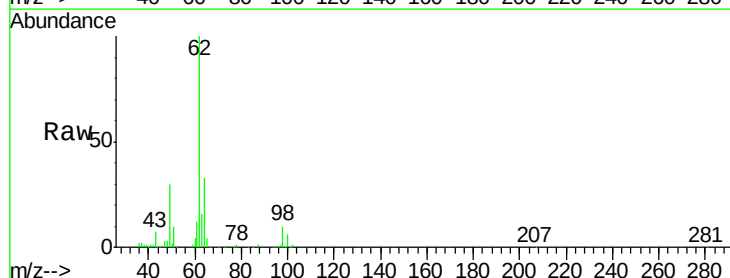
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

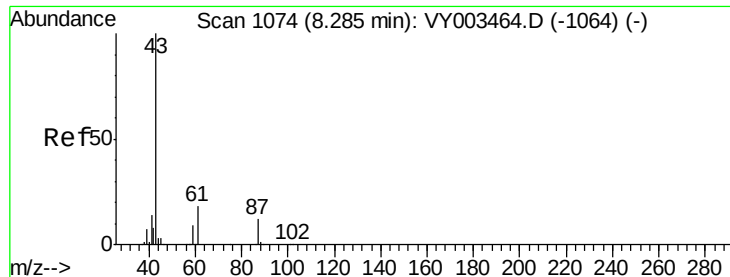
Tot Ion:	41	Resp:	116203
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.385 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion:	62	Resp:	138761
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.638 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

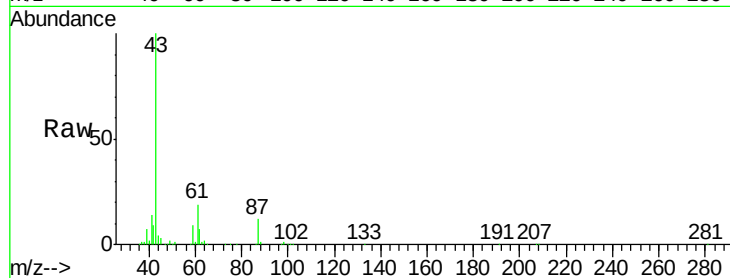
Tot Ion: 43 Resp: 167905

Ion Ratio Lower Upper

43 100

61 27.9 21.9 32.9

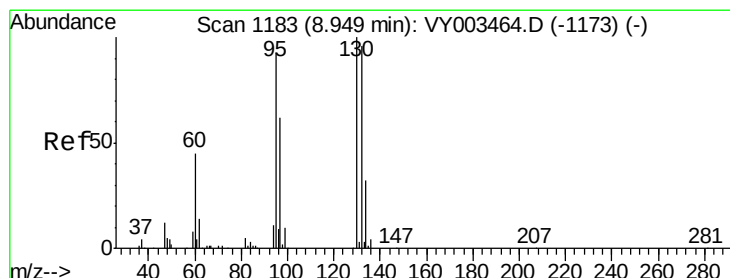
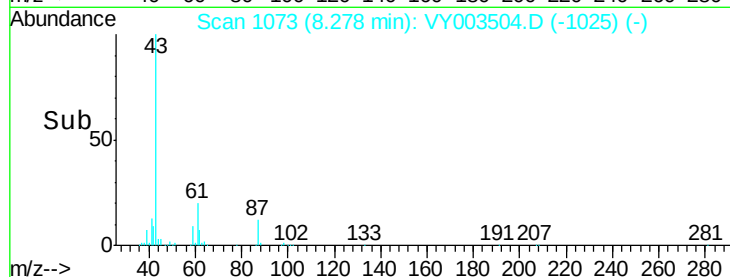
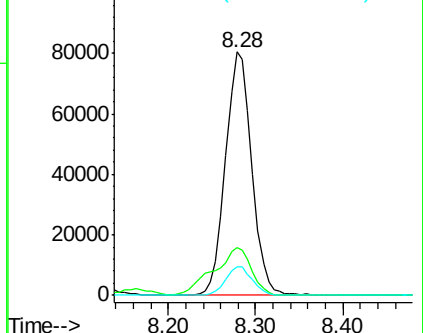
87 12.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VY003504.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003504.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003504.D (-1064) (-)



#44

Trichloroethene

Concen: 49.723 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003504.D

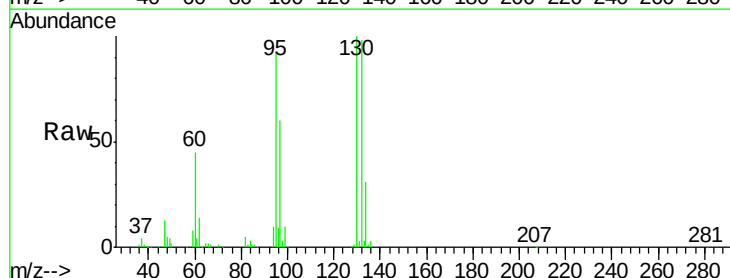
Acq: 04 Nov 2020 10:03

Tgt Ion:130 Resp: 122688

Ion Ratio Lower Upper

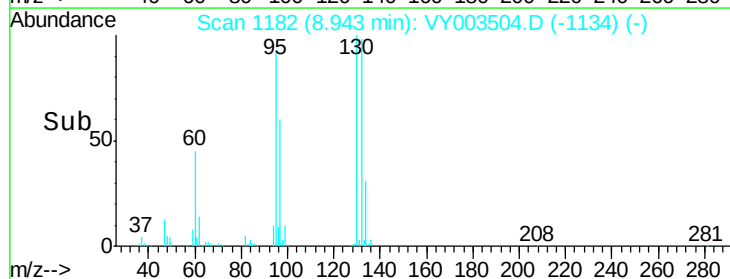
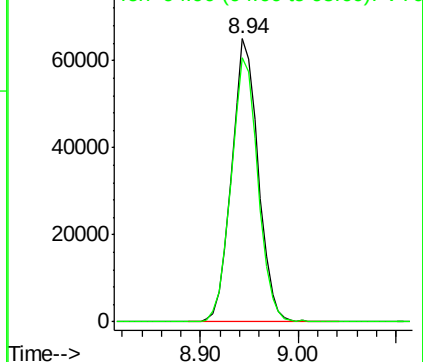
130 100

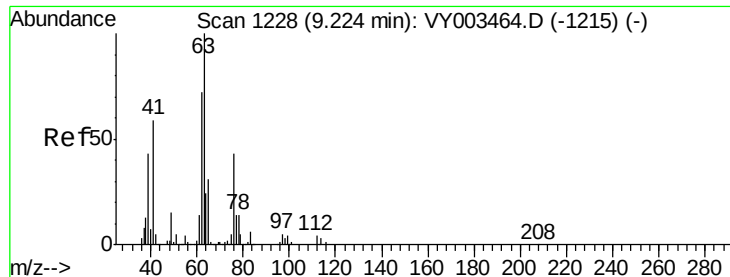
95 93.3 0.0 186.6



Abundance Ion 129.80 (129.50 to 130.50): VY003504.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY003504.D (-1173) (-)

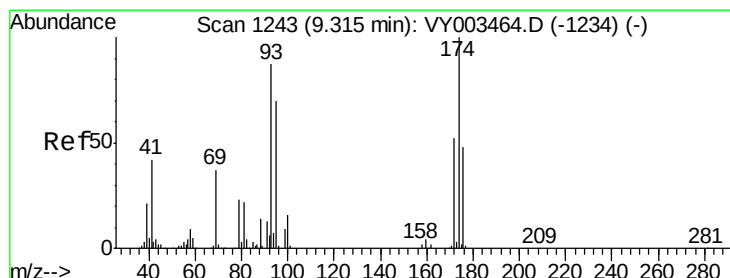
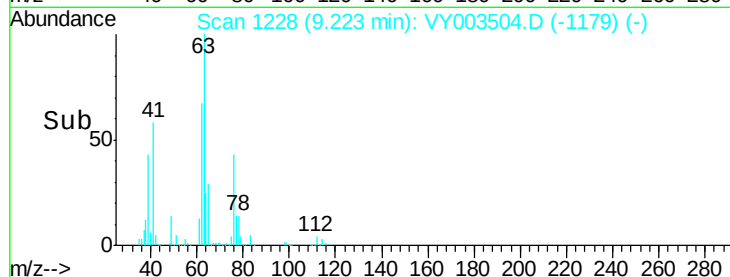
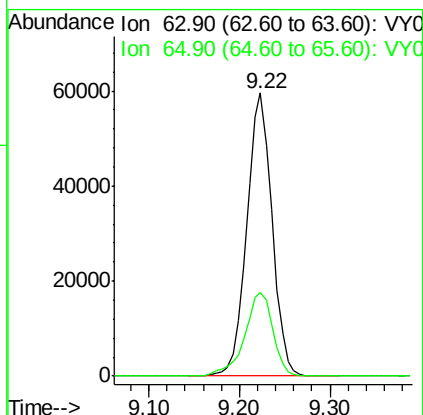
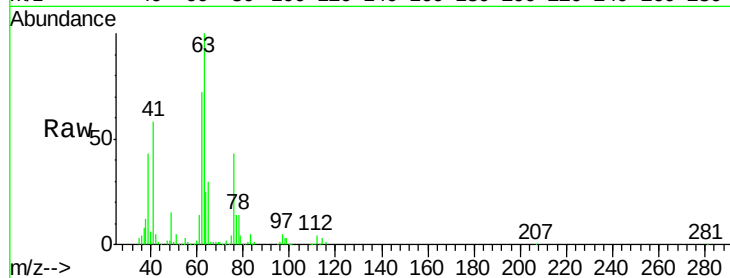




#45
 1,2-Dichloropropane
 Concen: 51.687 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

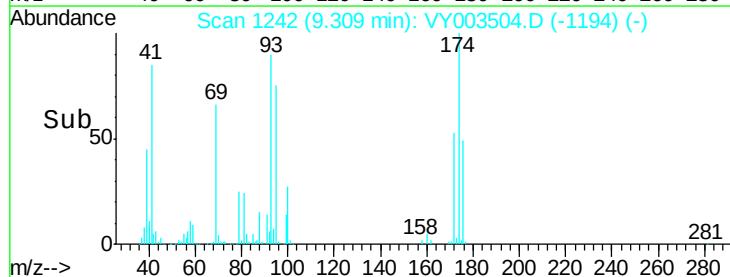
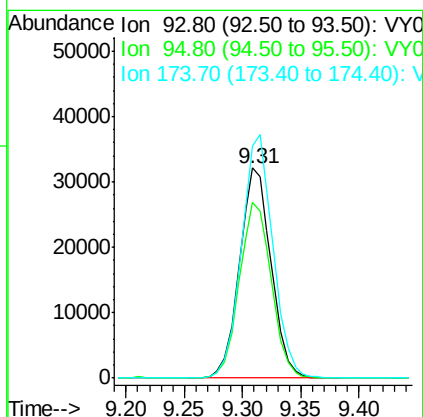
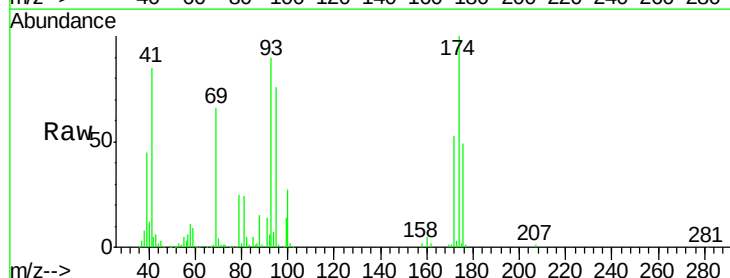
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

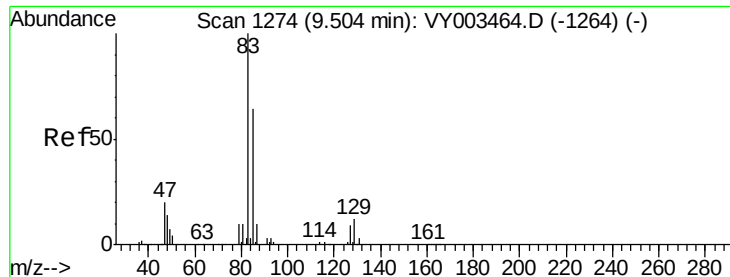
Tot Ion: 63 Resp: 114725
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.6 36.8



#46
 Dibromomethane
 Concen: 49.653 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion: 93 Resp: 60633
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.0 97.6
 174 115.4 91.8 137.6





#47

Bromodichloromethane

Concen: 52.251 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

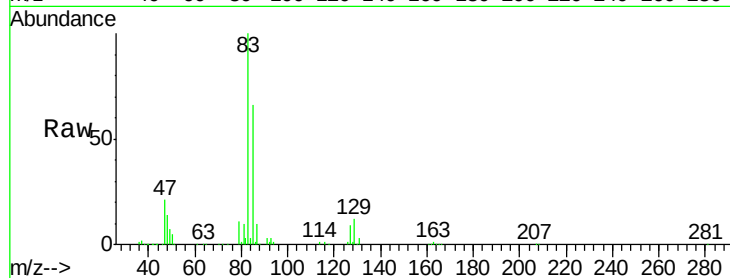
Tot Ion: 83 Resp: 156171

Ion Ratio Lower Upper

83 100

85 66.1 51.0 76.6

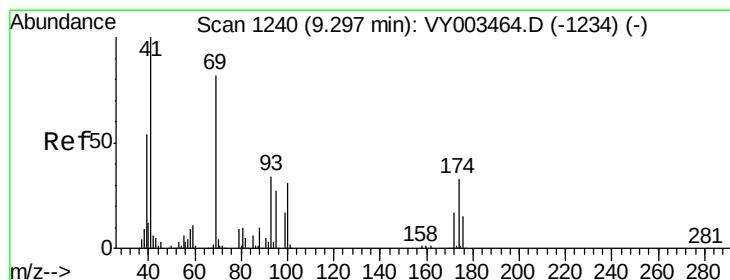
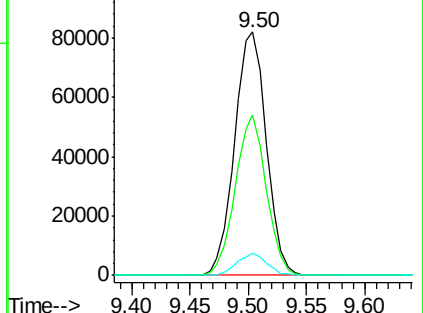
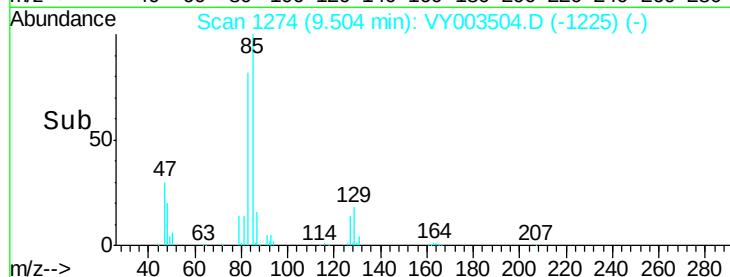
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003504.D (-1225) (-)

Ion 84.90 (84.60 to 85.60): VY003504.D (-1225) (-)

Ion 126.80 (126.50 to 127.50): VY003504.D (-1225) (-)



#48

Methyl methacrylate

Concen: 48.270 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

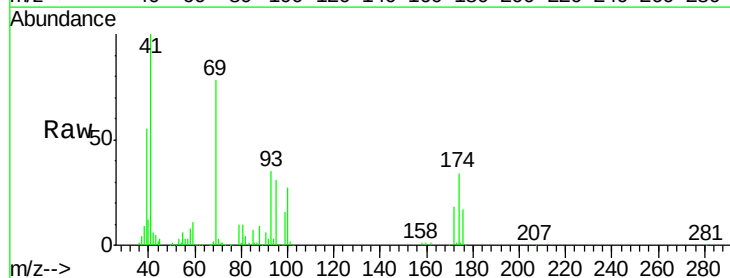
Tgt Ion: 41 Resp: 80143

Ion Ratio Lower Upper

41 100

69 81.4 65.9 98.9

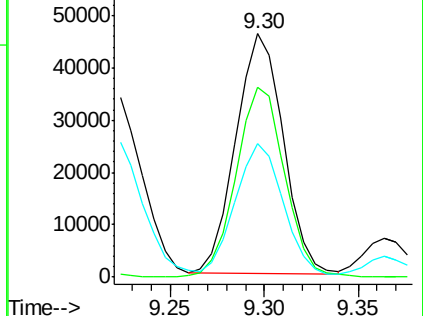
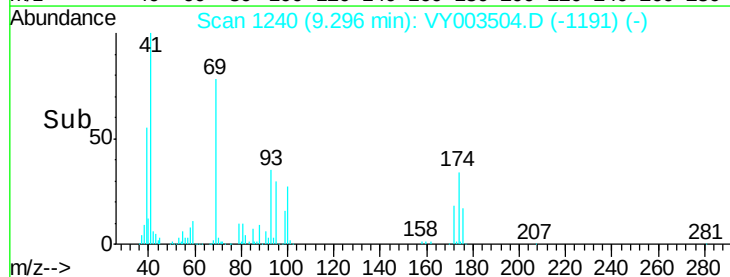
39 56.7 43.2 64.8

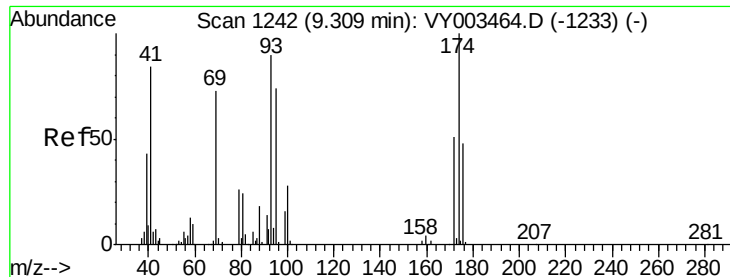


Abundance Ion 41.00 (40.70 to 41.70): VY003504.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY003504.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY003504.D (-1191) (-)





#49

1,4-Dioxane

Concen: 880.105 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

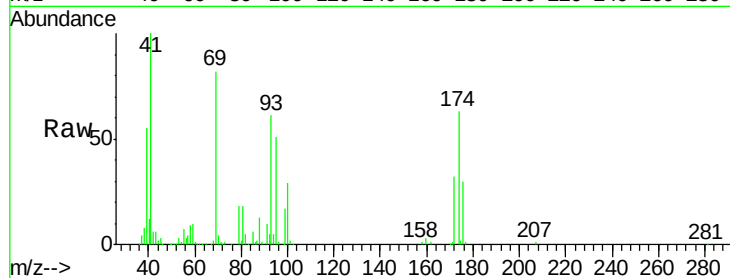
Tot Ion: 88 Resp: 13410

Ion Ratio Lower Upper

88 100

43 33.3 27.6 41.4

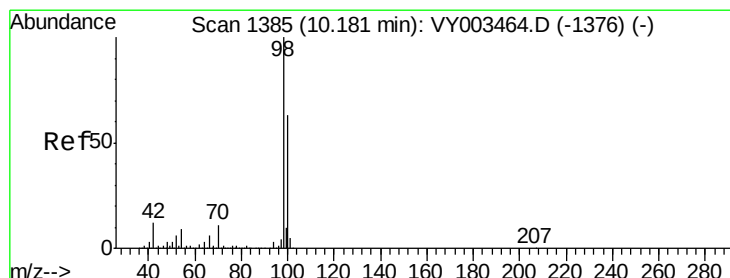
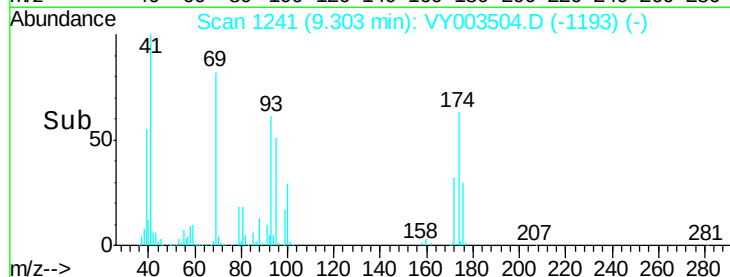
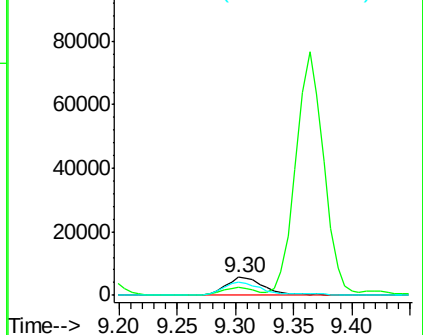
58 77.9 54.2 81.2



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: 47.674 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003504.D

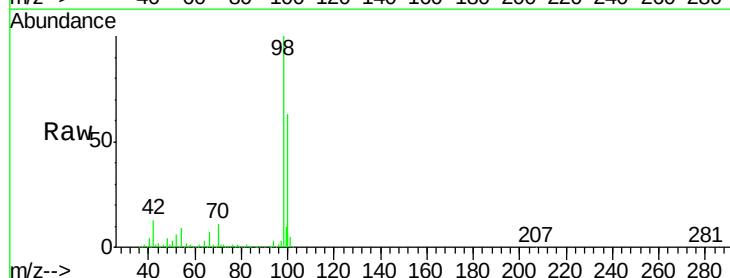
Acq: 04 Nov 2020 10:03

Tgt Ion: 98 Resp: 404278

Ion Ratio Lower Upper

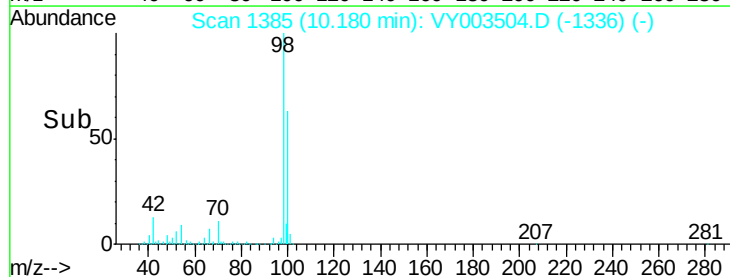
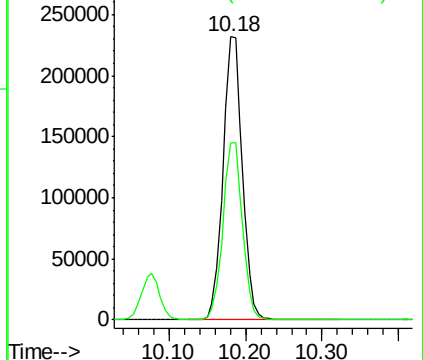
98 100

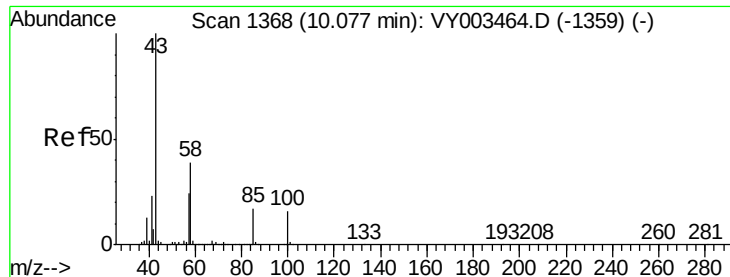
100 63.6 50.9 76.3



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: 238.152 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

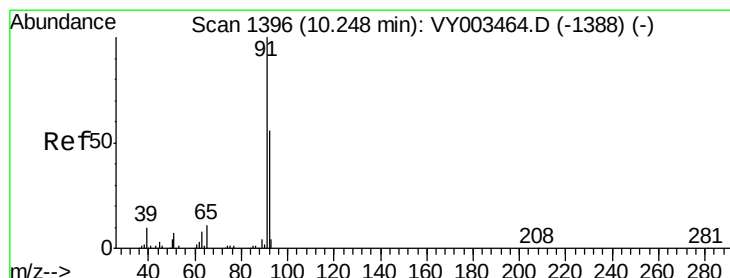
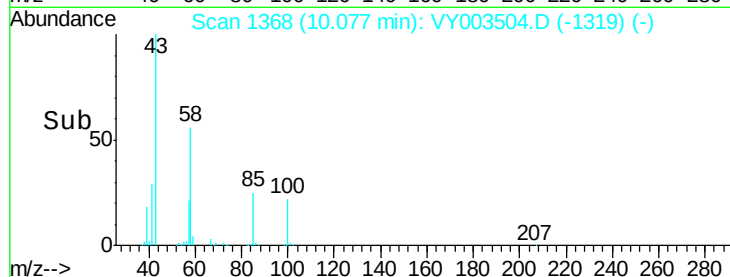
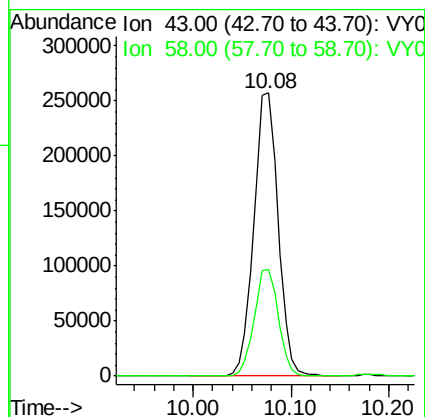
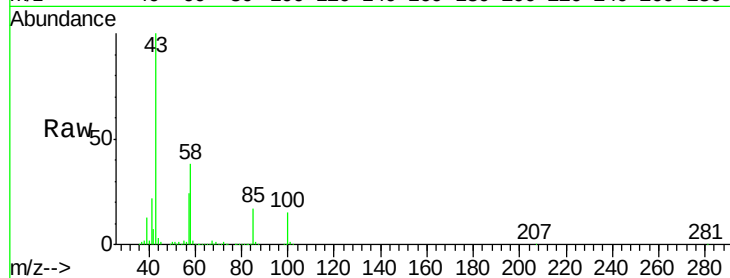
VSTDCCC050

Tot Ion: 43 Resp: 447223

Ion Ratio Lower Upper

43 100

58 37.8 31.0 46.4



#52

Toluene

Concen: 51.015 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003504.D

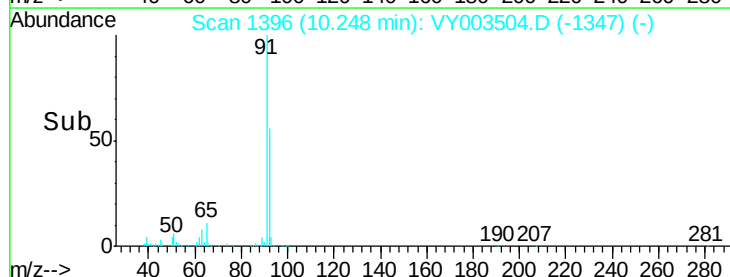
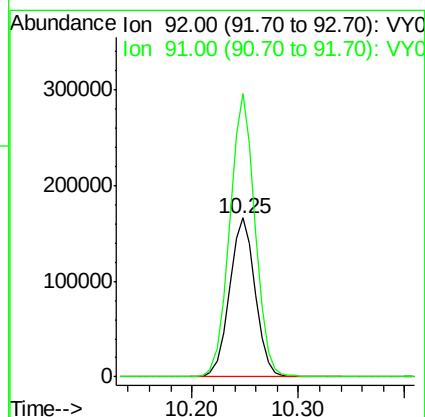
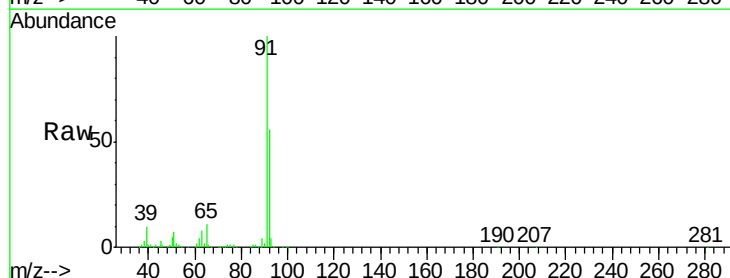
Acq: 04 Nov 2020 10:03

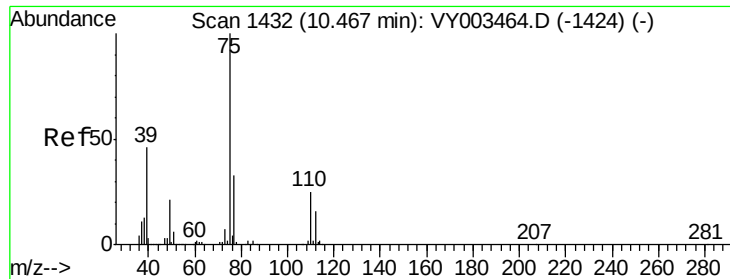
Tgt Ion: 92 Resp: 280451

Ion Ratio Lower Upper

92 100

91 175.9 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 51.075 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampled :

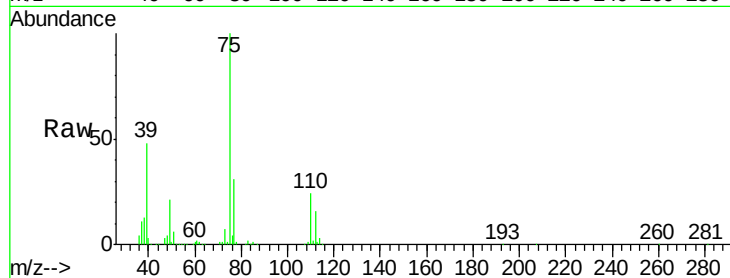
VSTDCCC050

Tot Ion: 75 Resp: 162457

Ion Ratio Lower Upper

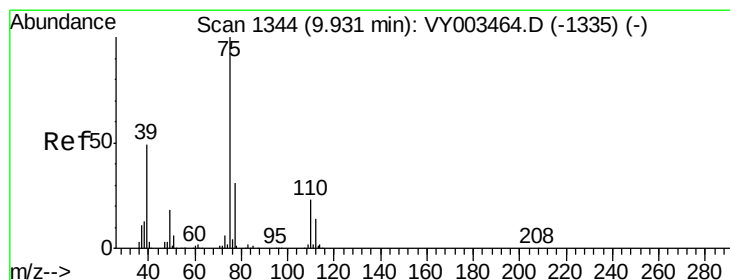
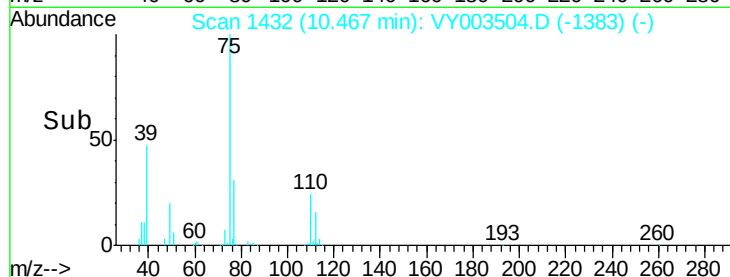
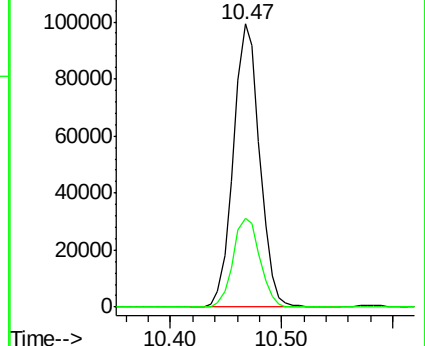
75 100

77 31.2 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: 52.092 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

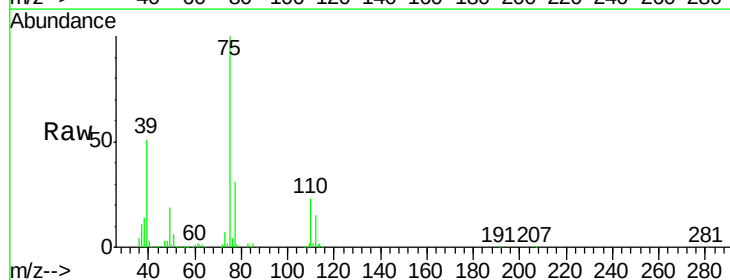
Tgt Ion: 75 Resp: 186450

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

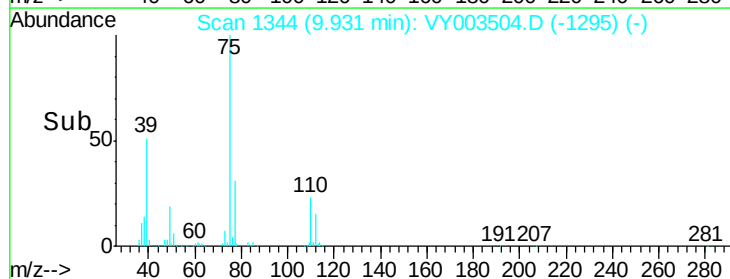
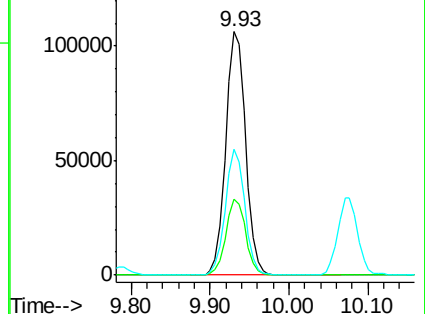
39 51.5 39.0 58.4

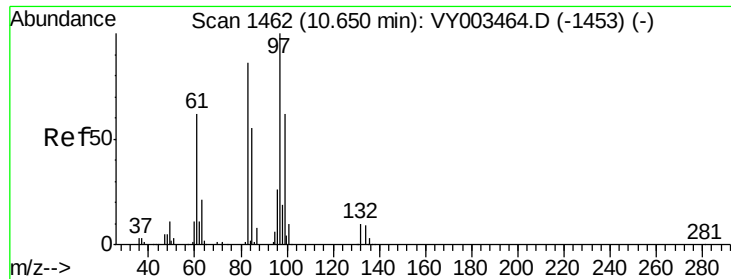


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 50.484 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 87512

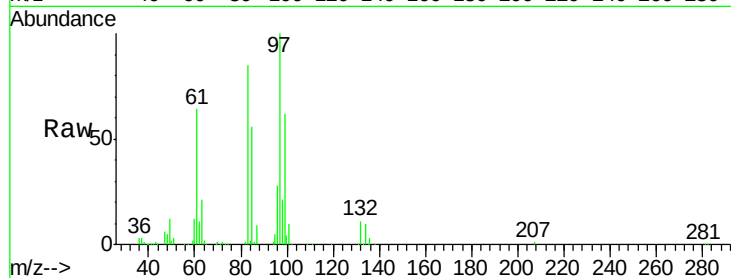
Ion Ratio Lower Upper

97 100

83 85.1 68.6 102.8

85 56.0 43.8 65.6

99 62.2 49.9 74.9

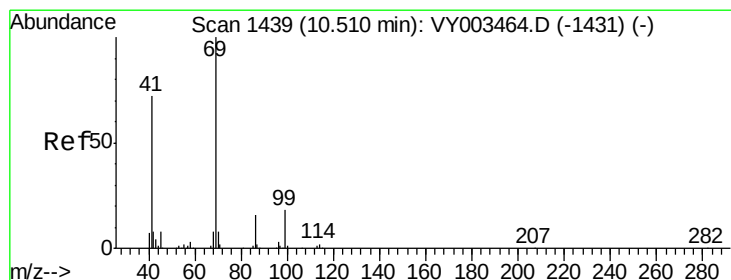
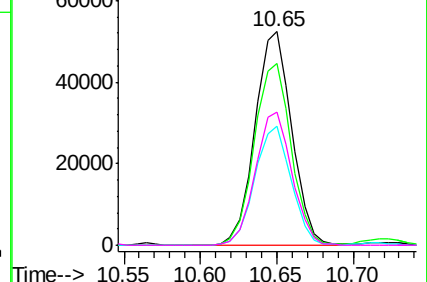
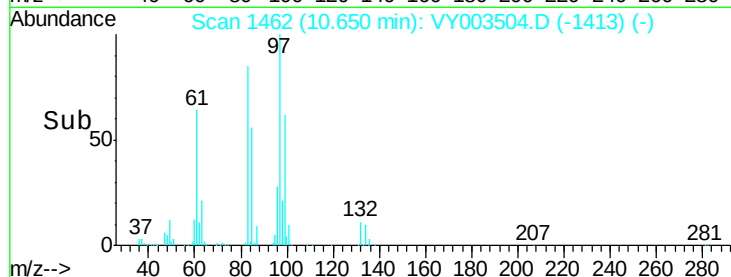


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 50.969 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

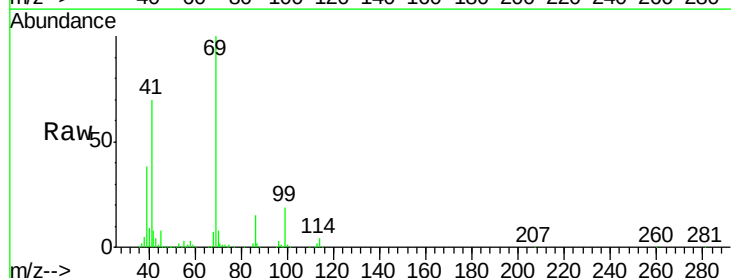
Tgt Ion: 69 Resp: 118344

Ion Ratio Lower Upper

69 100

41 70.3 55.4 83.2

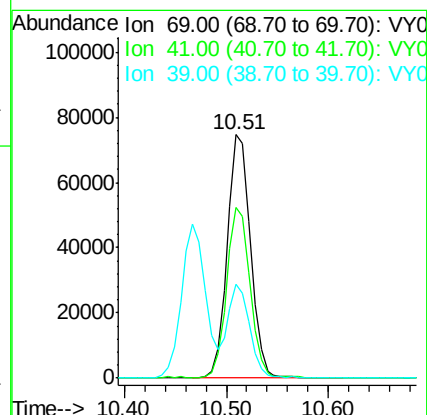
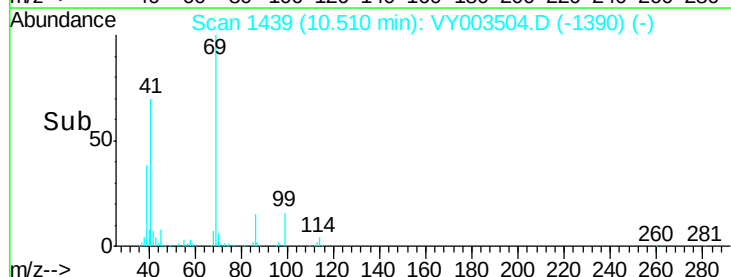
39 36.6 28.7 43.1

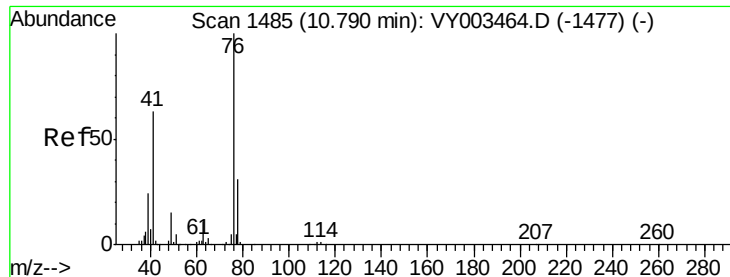


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.054 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

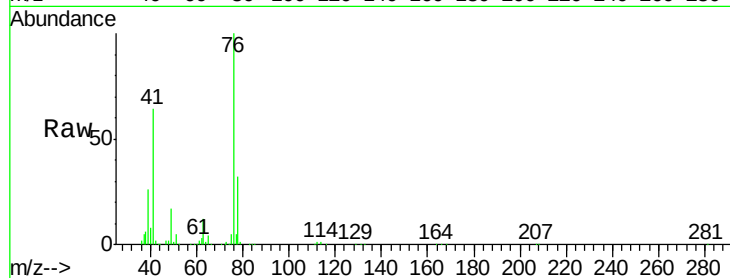
VSTDCCC050

Tot Ion: 76 Resp: 153887

Ion Ratio Lower Upper

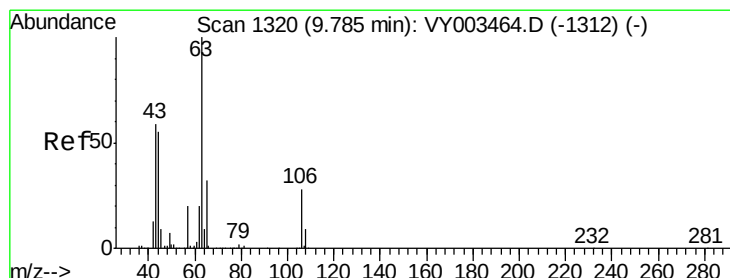
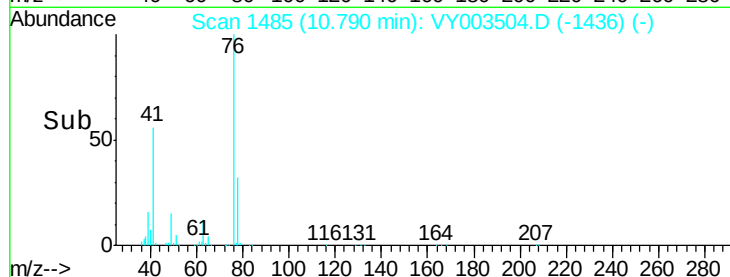
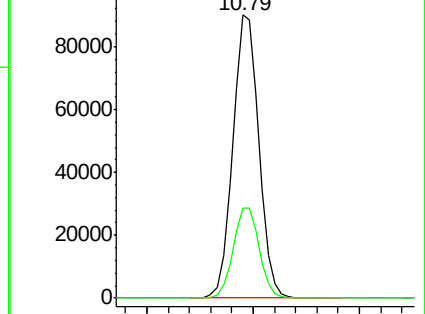
76 100

78 32.3 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: 240.955 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003504.D

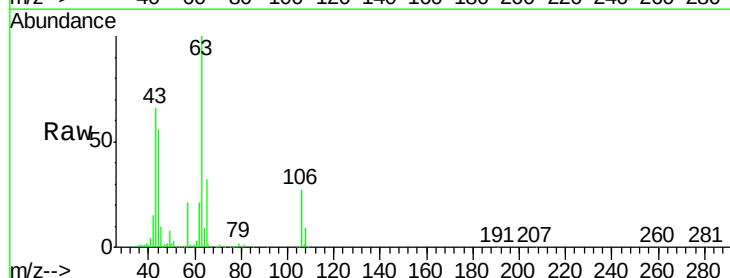
Acq: 04 Nov 2020 10:03

Tgt Ion: 63 Resp: 283616

Ion Ratio Lower Upper

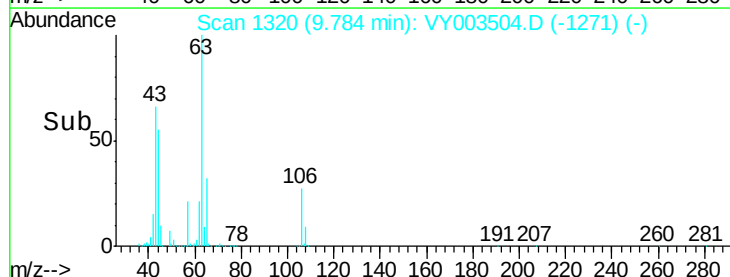
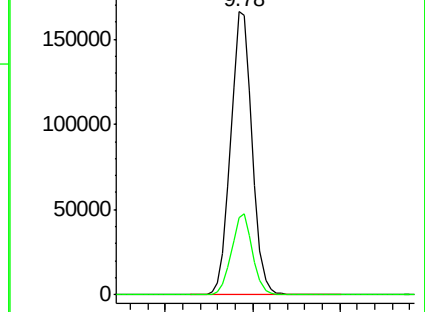
63 100

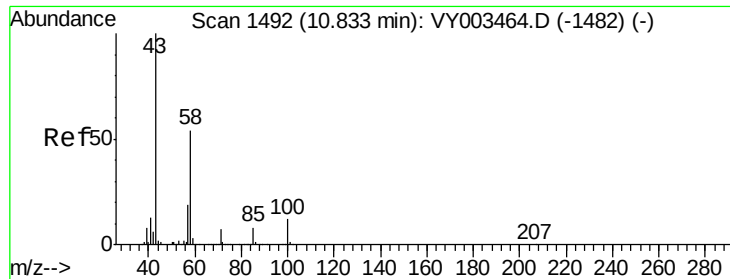
106 27.8 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

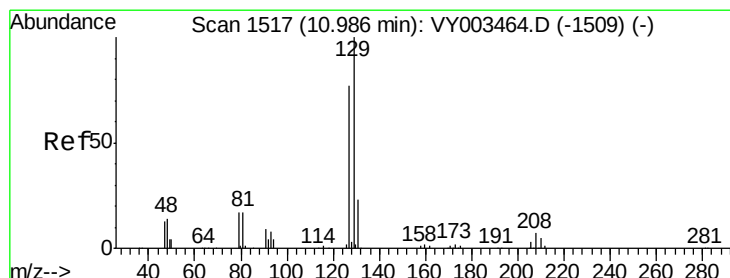
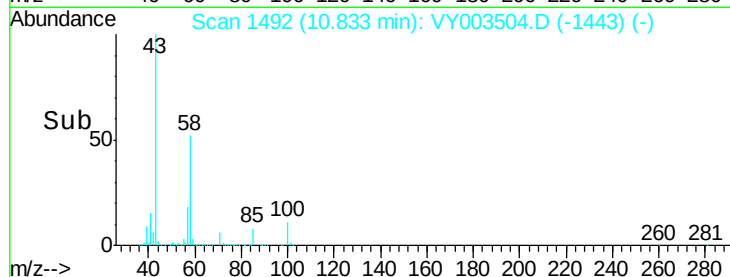
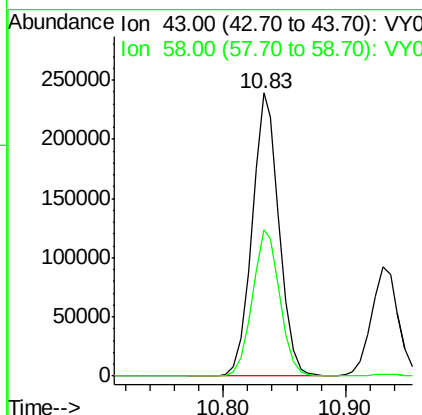
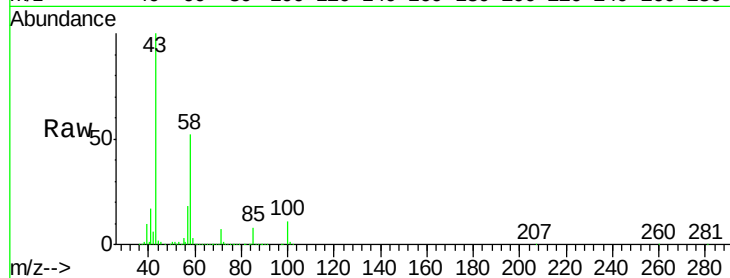




#59
2-Hexanone
Concen: 262.212 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

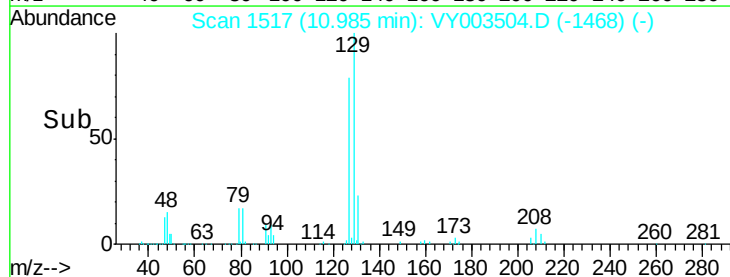
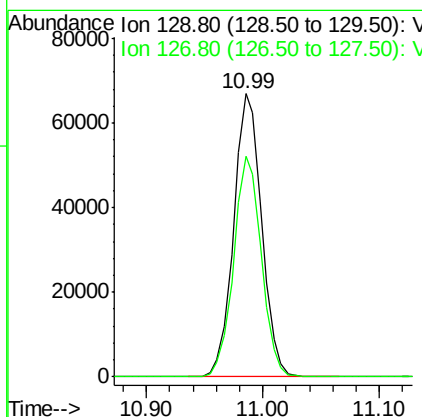
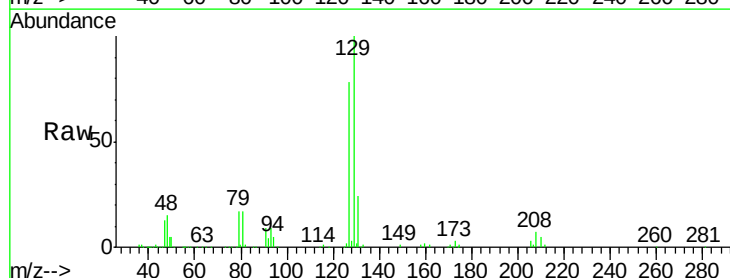
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

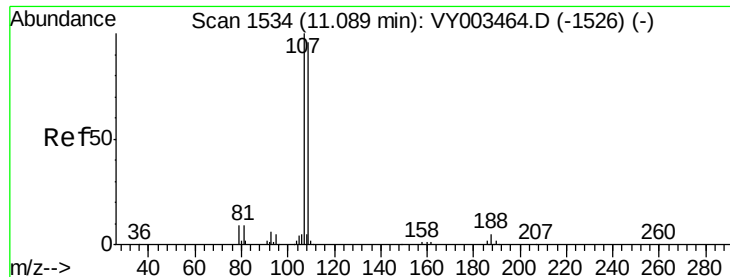
Tot Ion: 43 Resp: 364580
Ion Ratio Lower Upper
43 100
58 52.9 26.8 80.3



#60
Dibromochloromethane
Concen: 52.538 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 129 Resp: 111935
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3

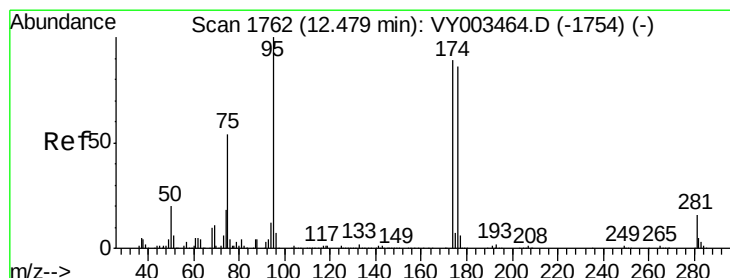
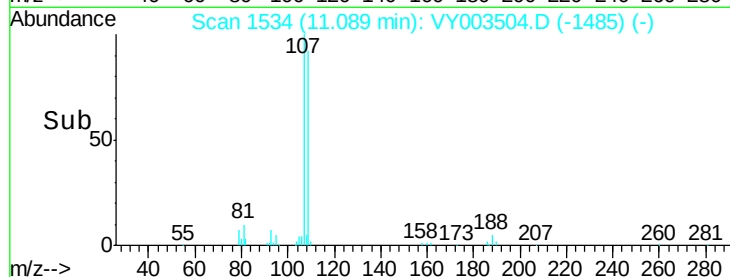
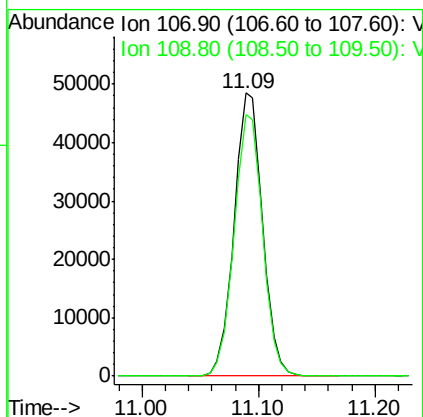
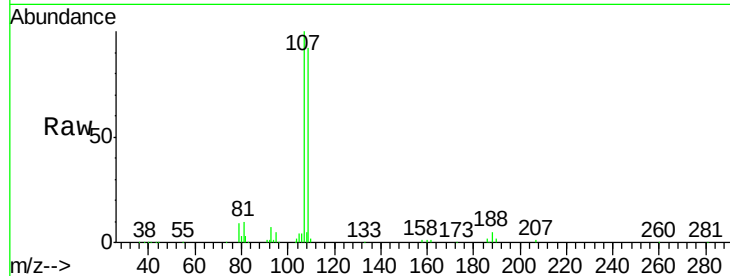




#61
 1,2-Dibromoethane
 Concen: 49.159 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

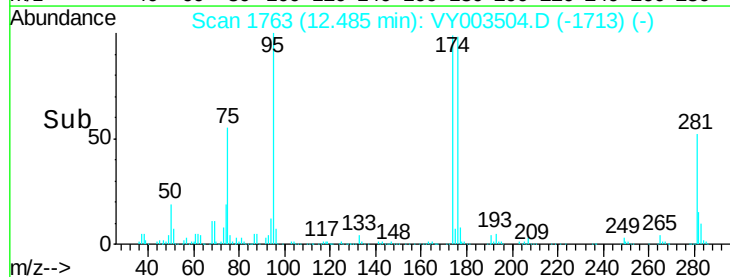
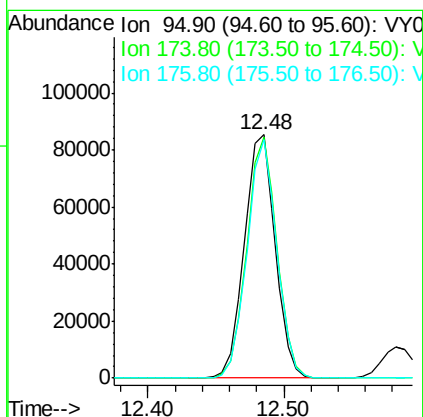
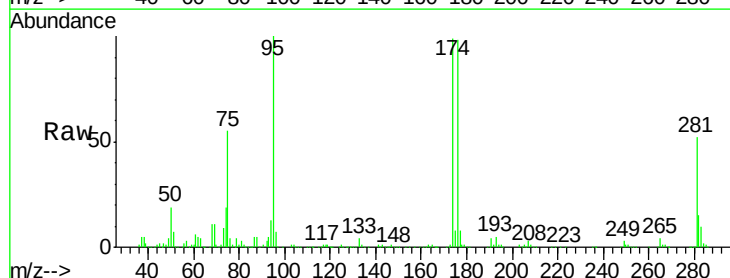
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

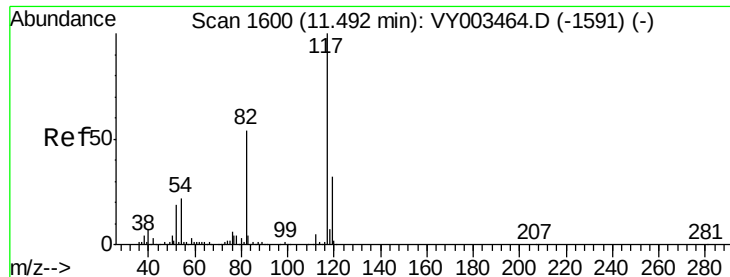
Tot Ion:107 Resp: 82268
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.249 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion: 95 Resp: 135565
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 193.0
 176 94.0 0.0 187.4

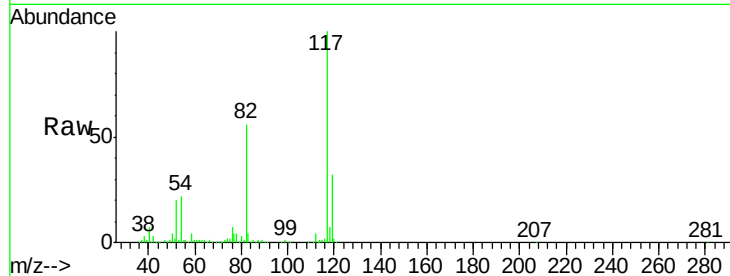




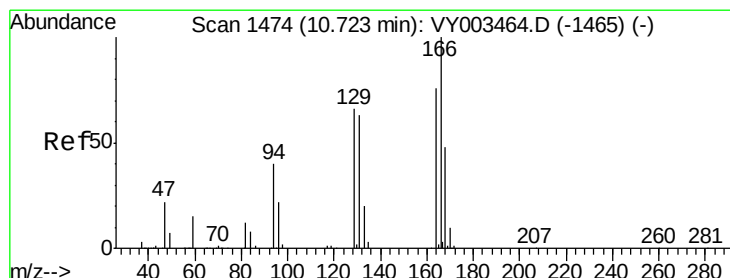
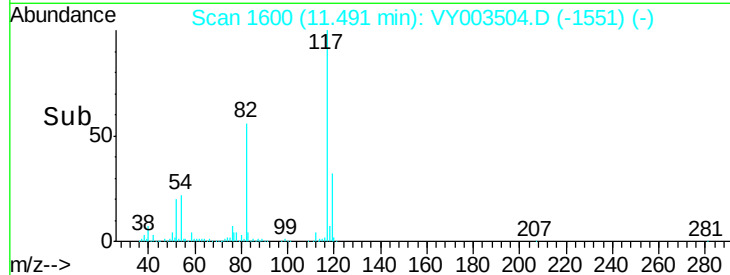
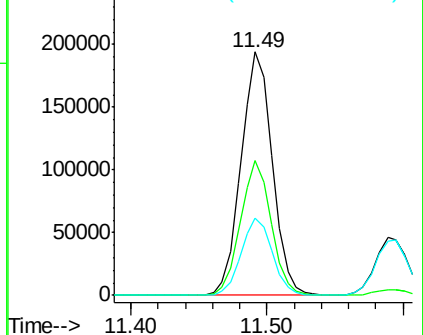
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 312042
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 31.8 25.8 38.6

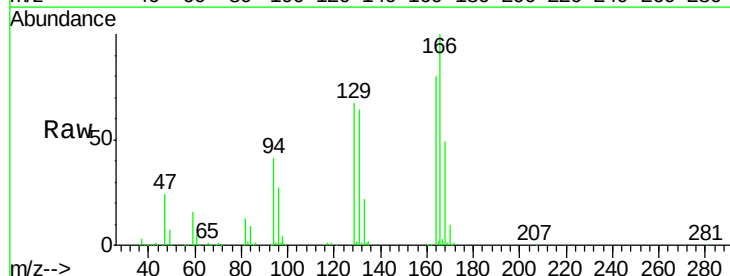


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

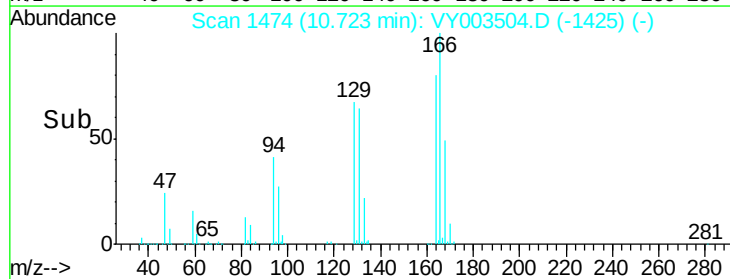
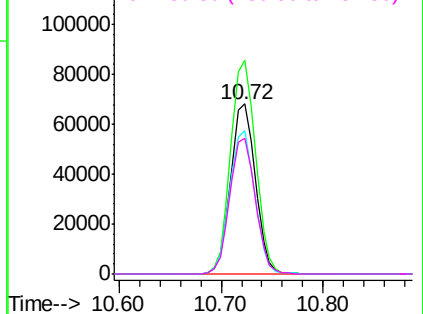


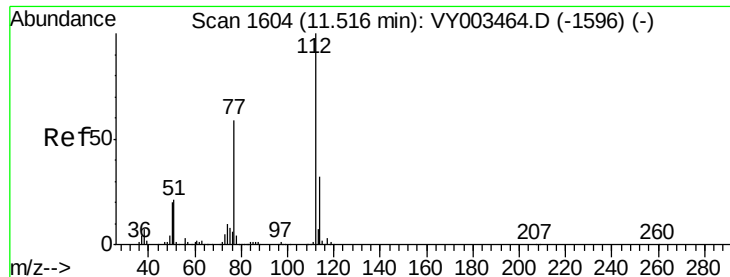
#64
Tetrachloroethene
Concen: 49.043 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion:164 Resp: 114288
Ion Ratio Lower Upper
164 100
166 125.8 104.9 157.3
129 84.6 68.9 103.3
131 80.1 66.2 99.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

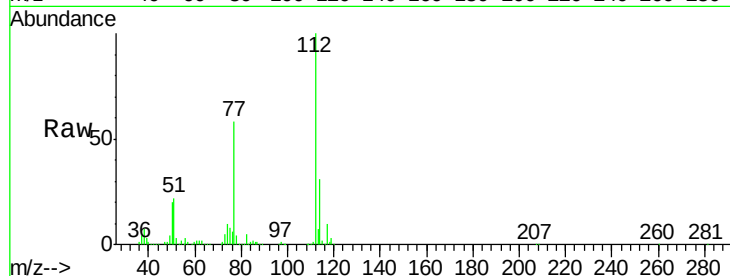




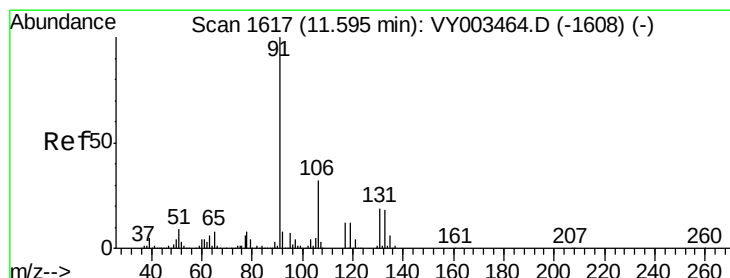
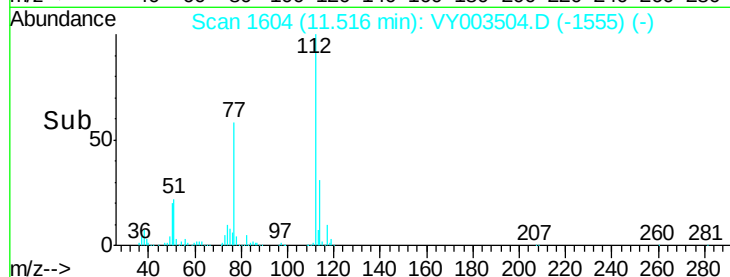
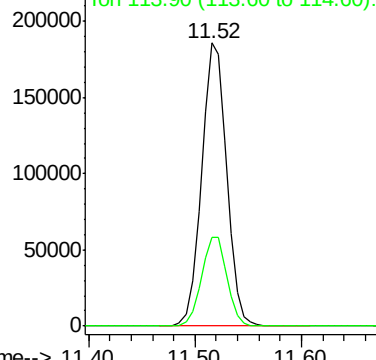
#65
Chlorobenzene
Concen: 50.497 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 306124
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

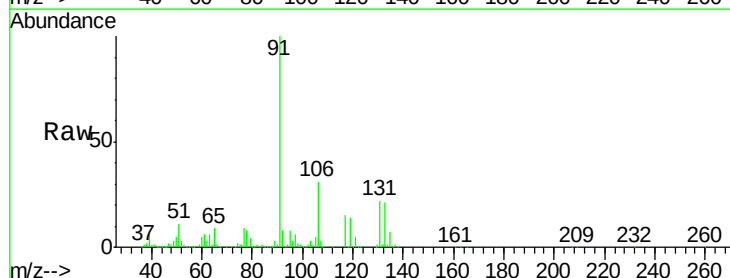


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

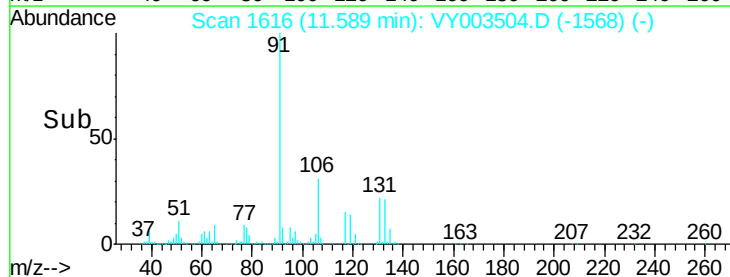
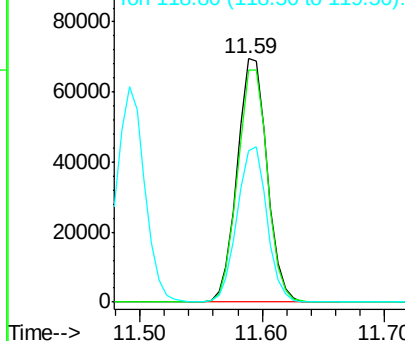


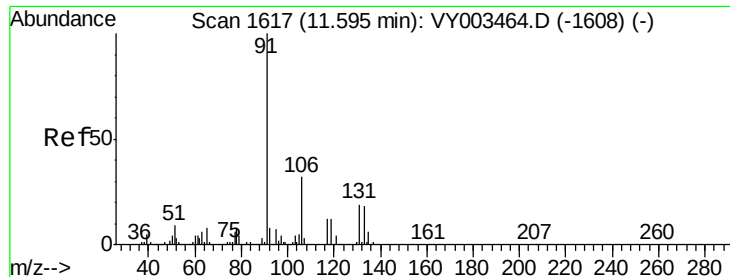
#66
1,1,1,2-Tetrachloroethane
Concen: 51.441 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion:131 Resp: 117606
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 63.5 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

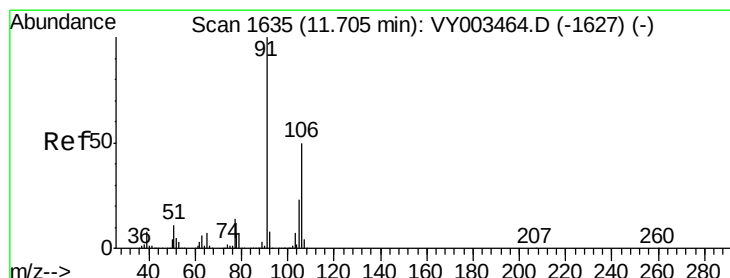
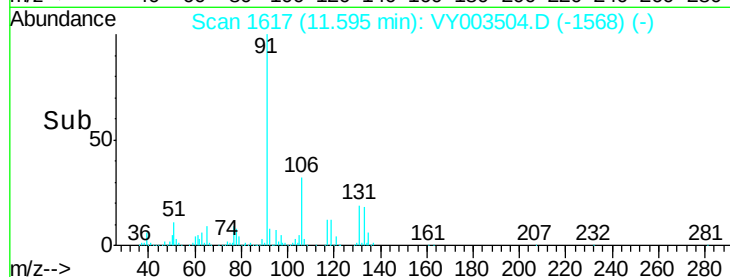
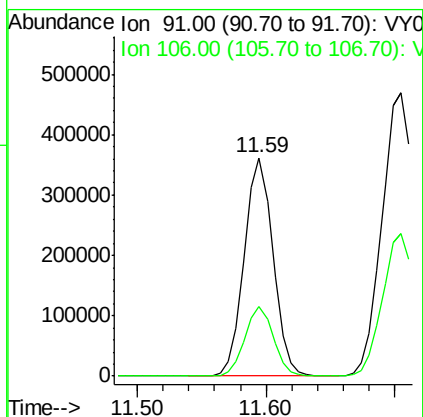
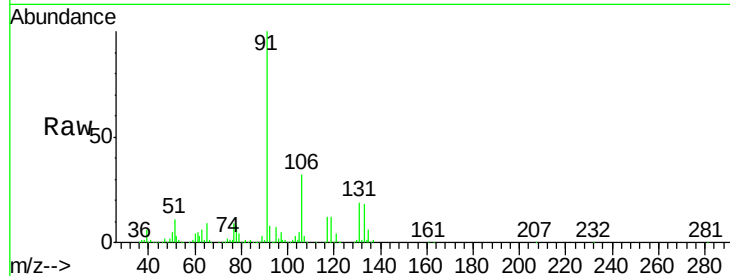




#67
Ethyl Benzene
Concen: 50.736 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

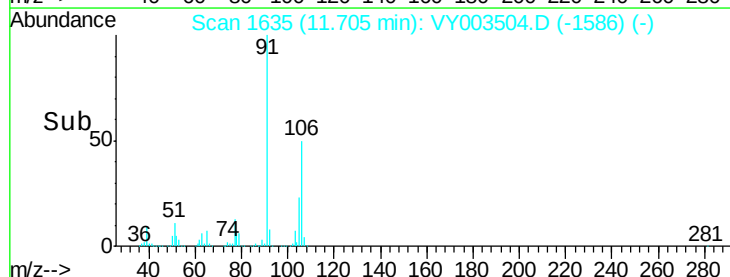
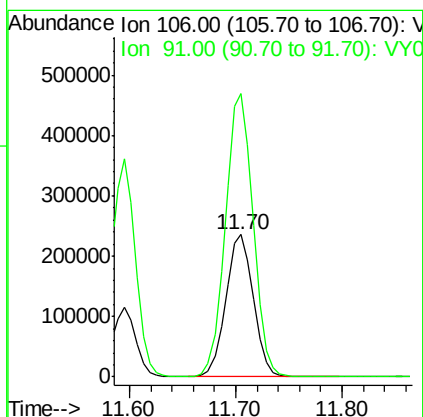
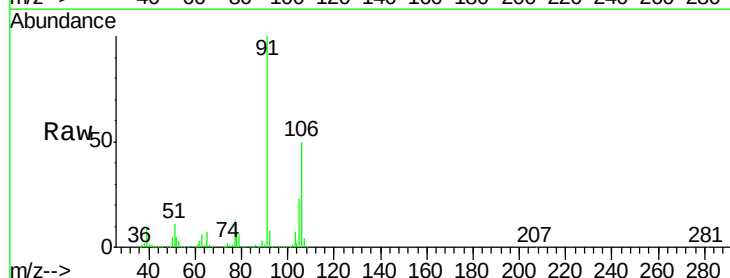
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

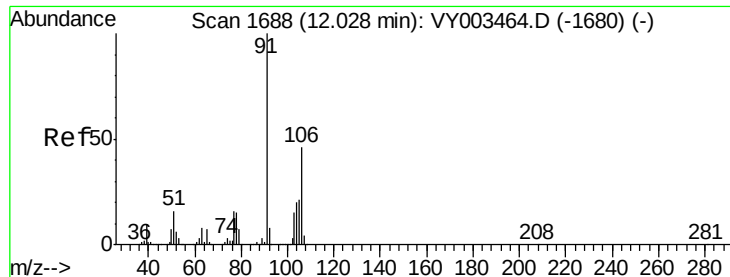
Tot Ion: 91 Resp: 557715
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 102.105 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion: 106 Resp: 425335
Ion Ratio Lower Upper
106 100
91 200.1 161.0 241.6

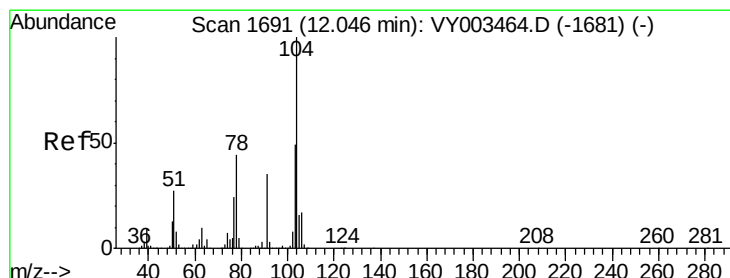
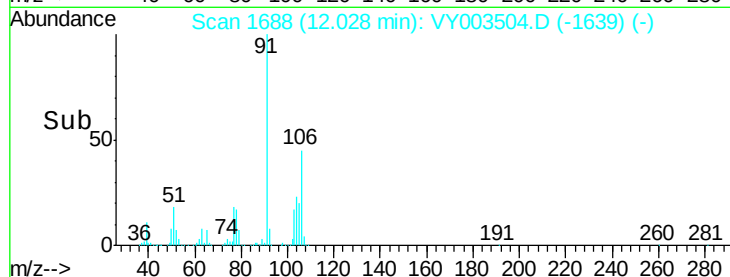
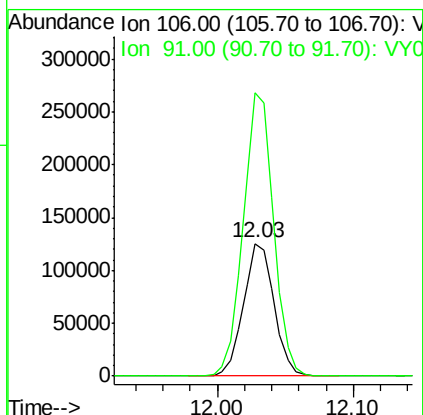
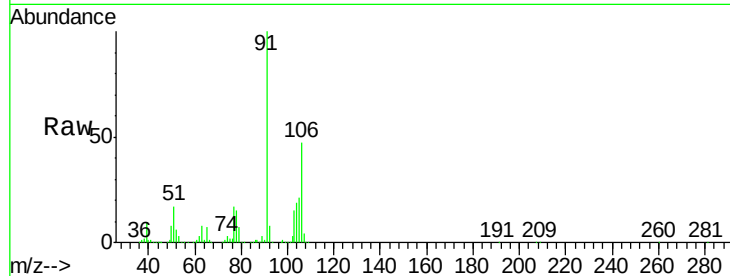




#69
o-Xylene
Concen: 51.200 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

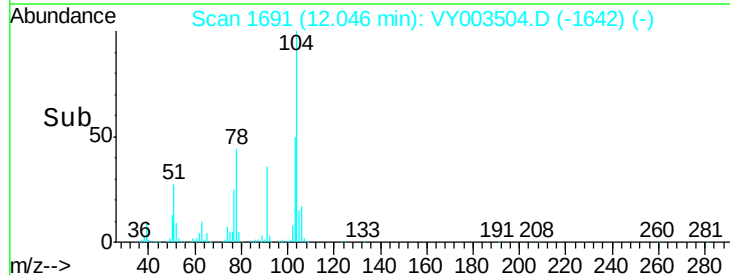
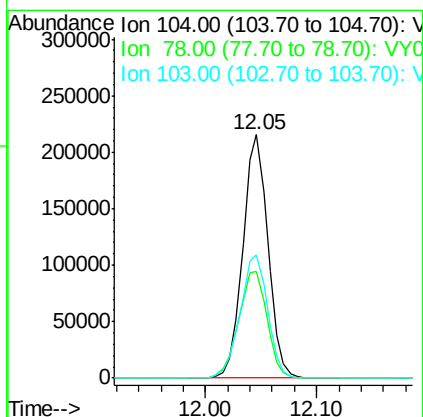
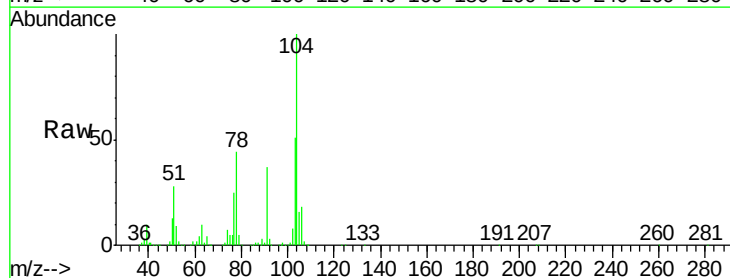
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

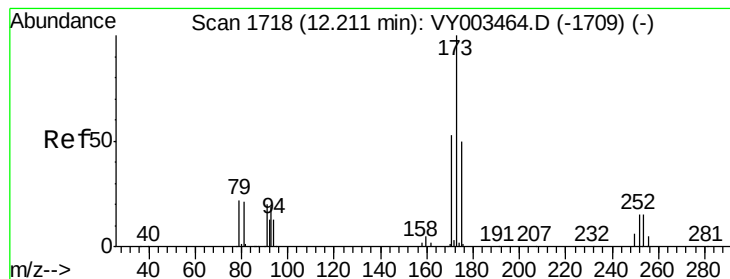
Tot Ion:106 Resp: 196194
Ion Ratio Lower Upper
106 100
91 212.9 105.5 316.5



#70
Styrene
Concen: 51.733 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY003504.D
Acq: 04 Nov 2020 10:03

Tgt Ion:104 Resp: 336591
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.6 44.2 66.2





#71

Bromoform

Concen: 48.398 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

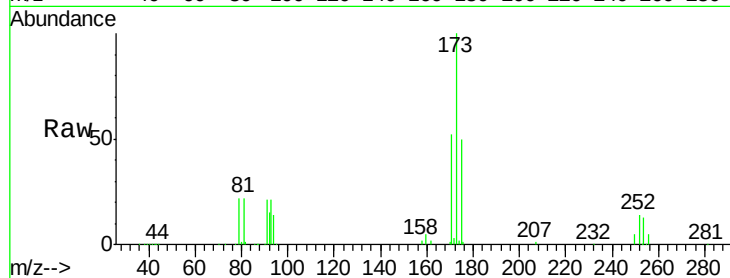
Tot Ion:173 Resp: 73753

Ion Ratio Lower Upper

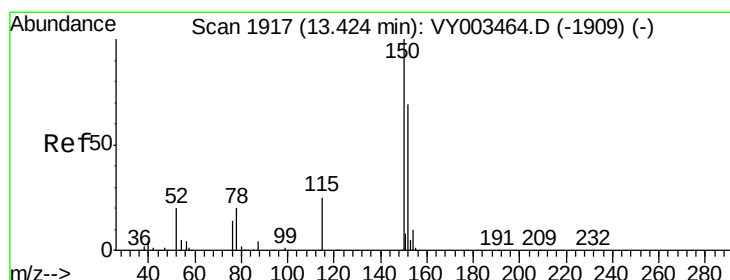
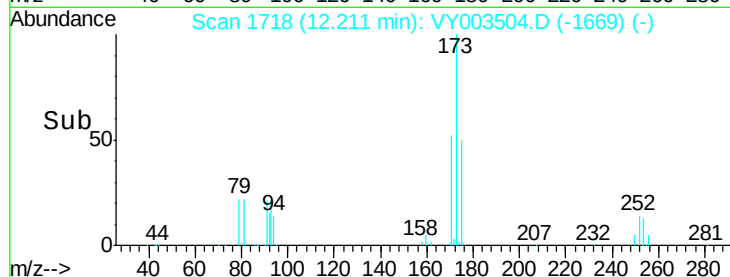
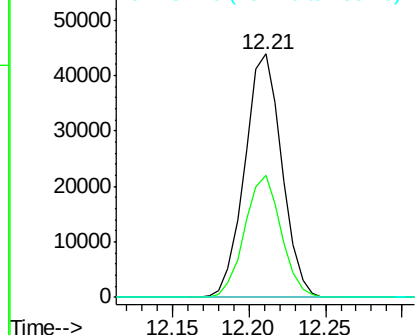
173 100

175 49.3 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: VY003504.D

Acq: 04 Nov 2020 10:03

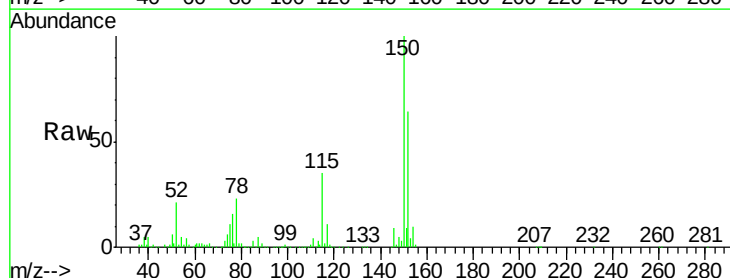
Tgt Ion:152 Resp: 166430

Ion Ratio Lower Upper

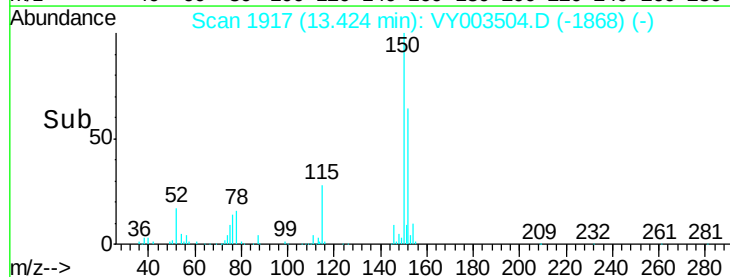
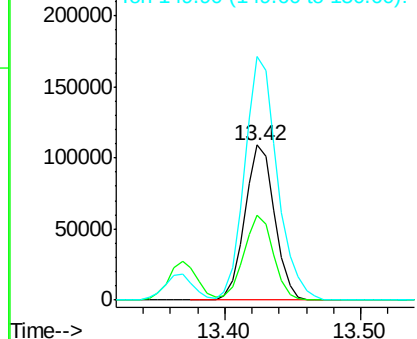
152 100

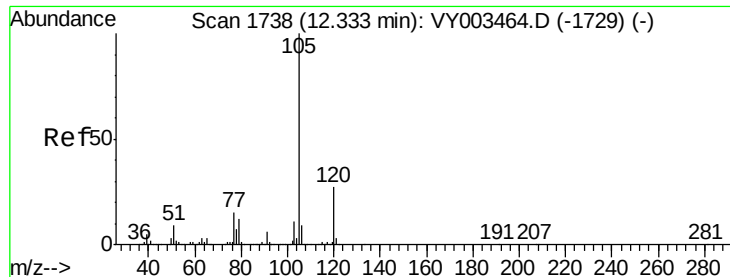
115 54.4 27.5 82.4

150 172.2 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: 49.707 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

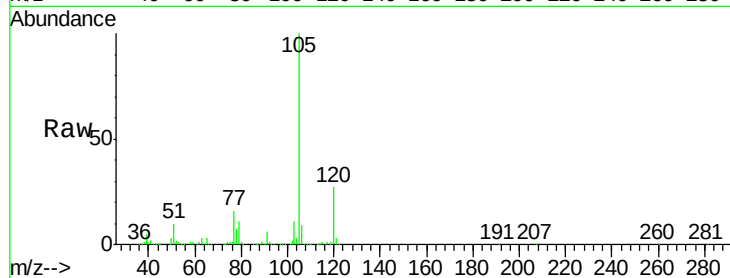
VSTDCCC050

Tot Ion:105 Resp: 540397

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

12.33

400000

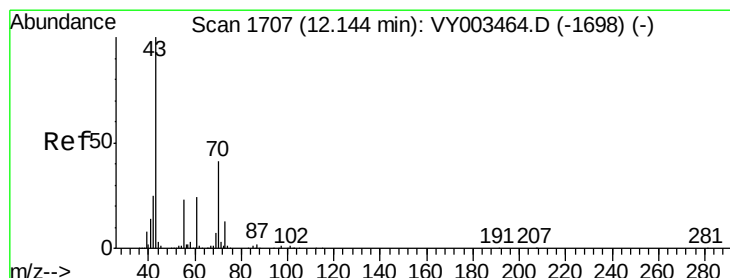
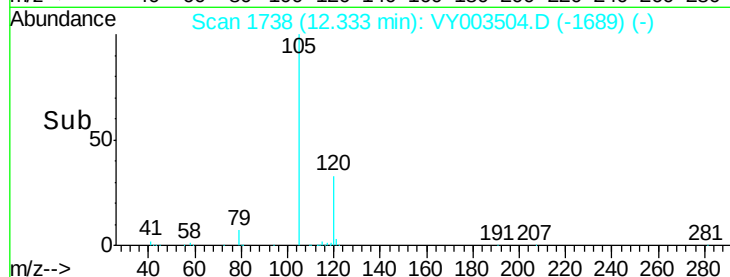
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.670 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Tgt Ion: 43 Resp: 146801

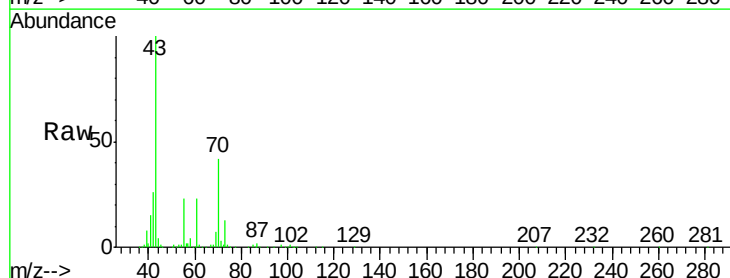
Ion Ratio Lower Upper

43 100

70 41.2 33.1 49.7

55 23.8 19.2 28.8

61 23.4 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

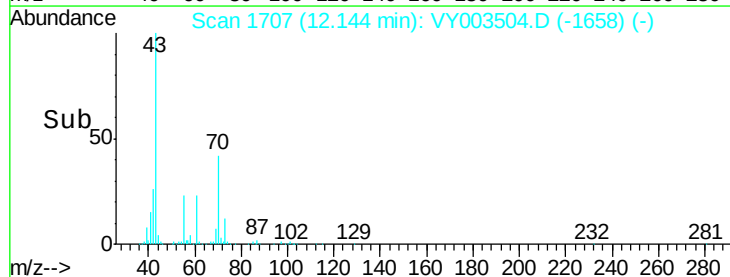
150000

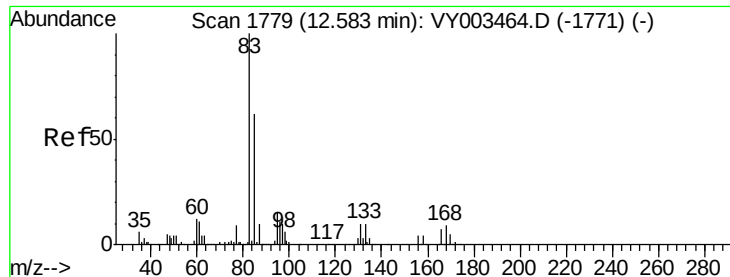
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.570 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

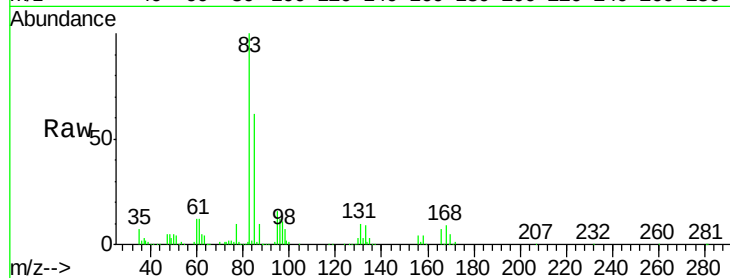
Tot Ion: 83 Resp: 108145

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

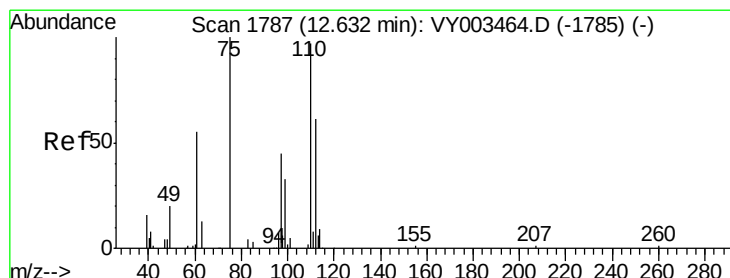
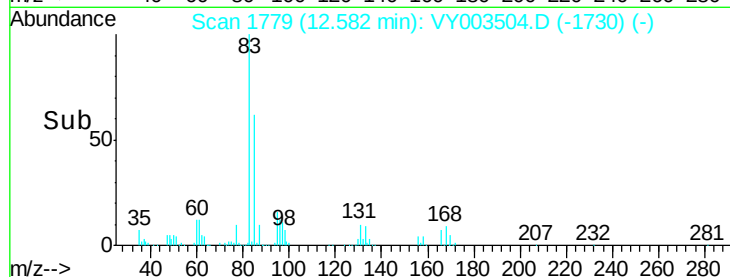
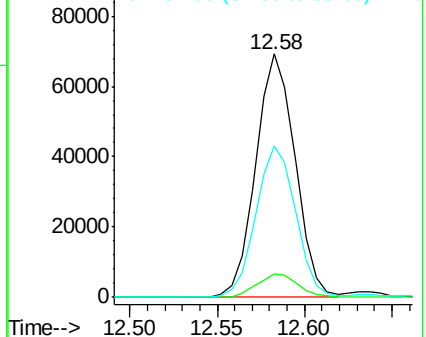
85 62.5 32.0 96.2



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: 81.059 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003504.D

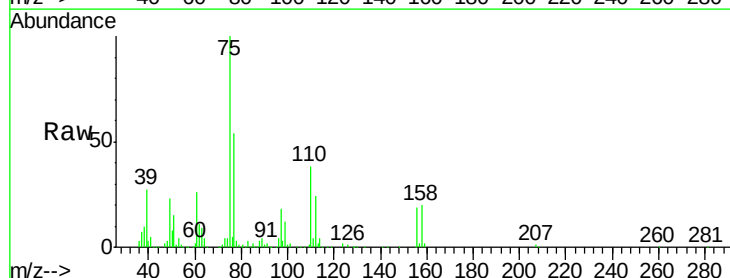
Acq: 04 Nov 2020 10:03

Tgt Ion: 75 Resp: 142740

Ion Ratio Lower Upper

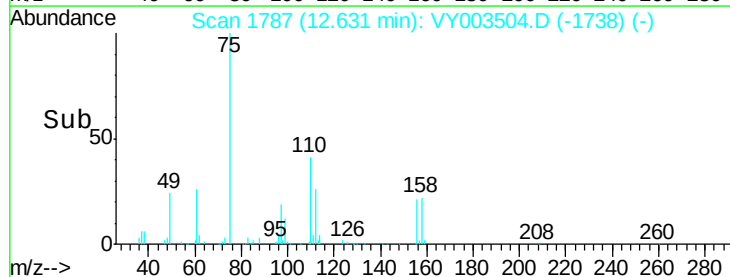
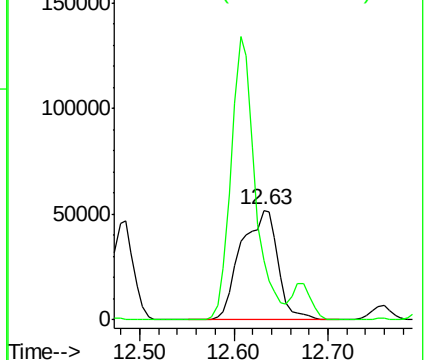
75 100

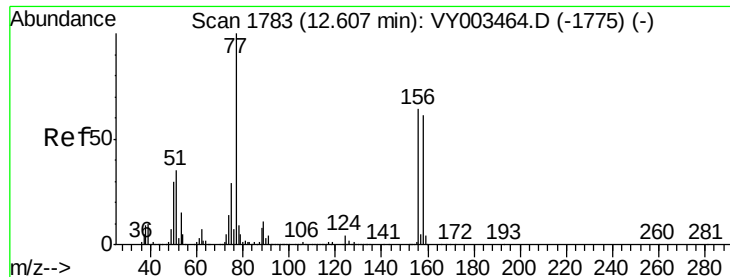
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.631 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

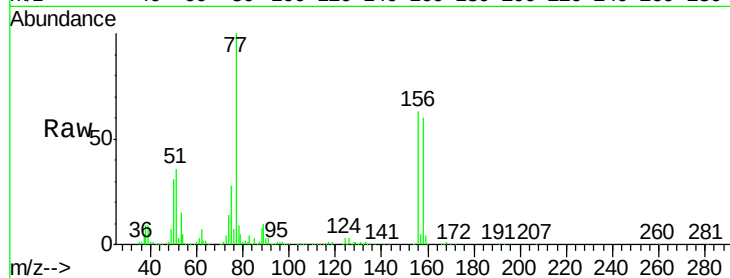
Tot Ion:156 Resp: 137093

Ion Ratio Lower Upper

156 100

77 174.8 87.0 260.9

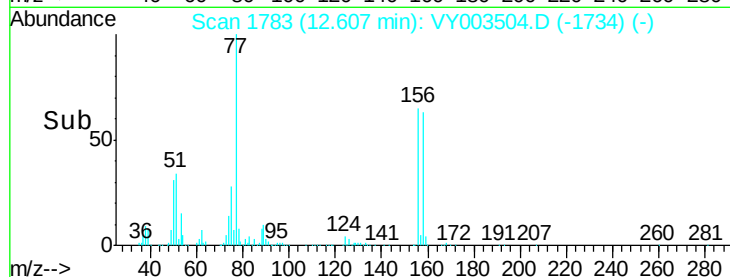
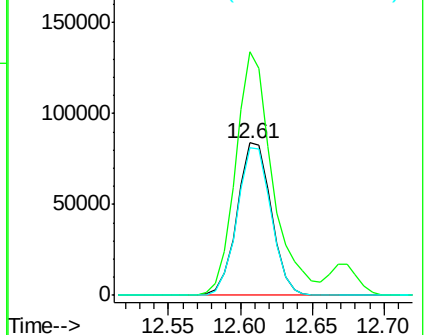
158 96.8 48.7 146.1



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: 50.602 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY003504.D

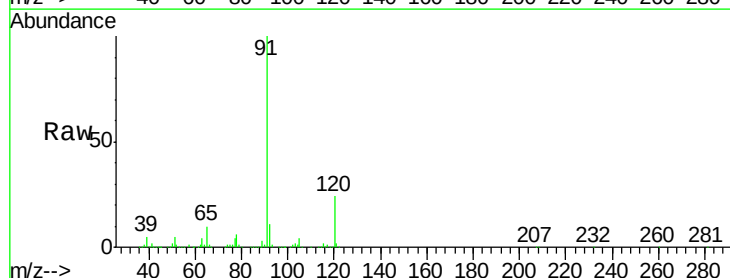
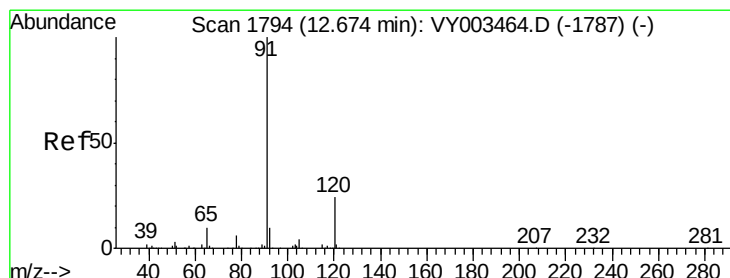
Acq: 04 Nov 2020 10:03

Tgt Ion: 91 Resp: 647993

Ion Ratio Lower Upper

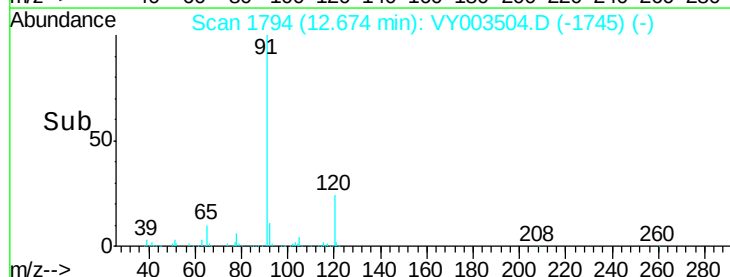
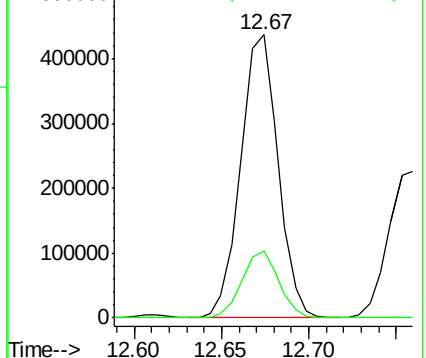
91 100

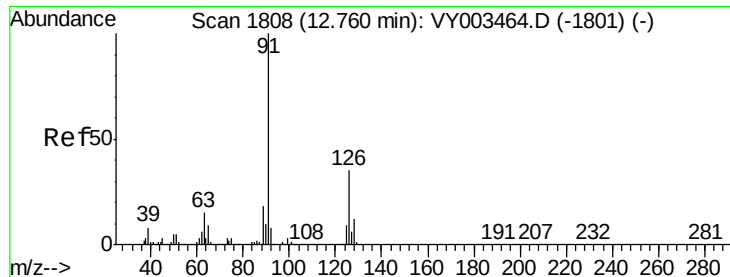
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.045 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

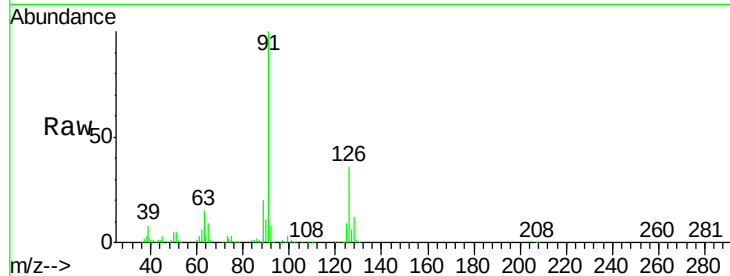
VSTDCCC050

Tot Ion: 91 Resp: 358052

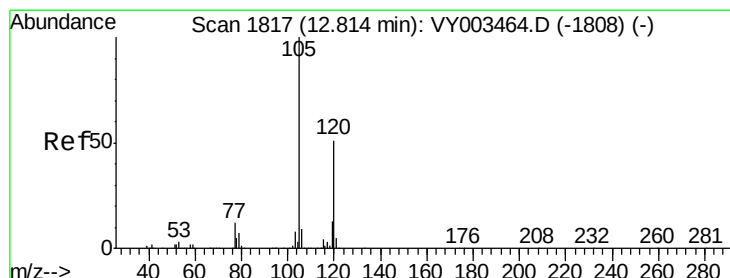
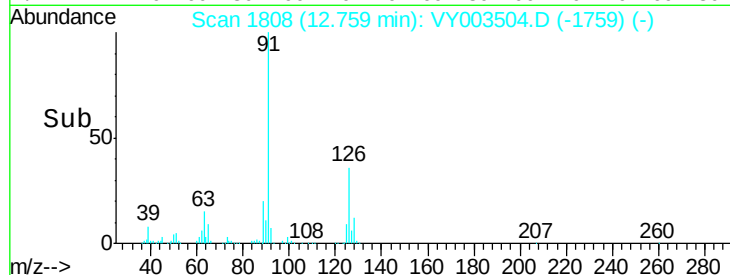
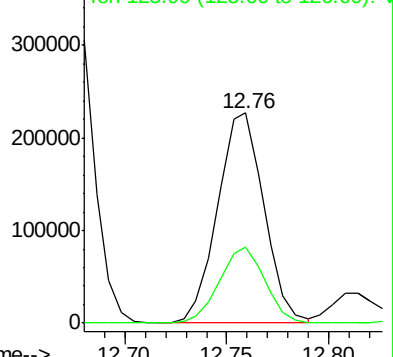
Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.3



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



#80

1,3,5-Trimethylbenzene

Concen: 51.108 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY003504.D

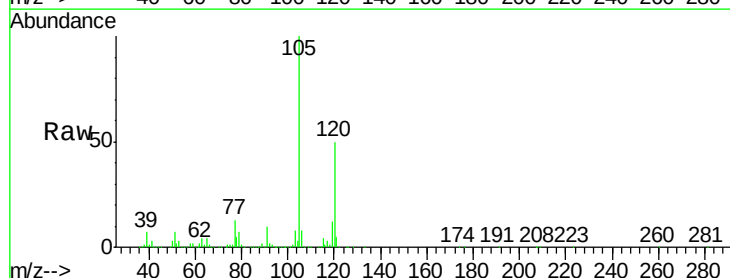
Acq: 04 Nov 2020 10:03

Tgt Ion: 105 Resp: 460368

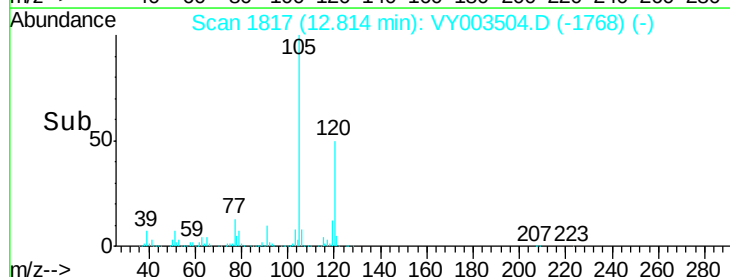
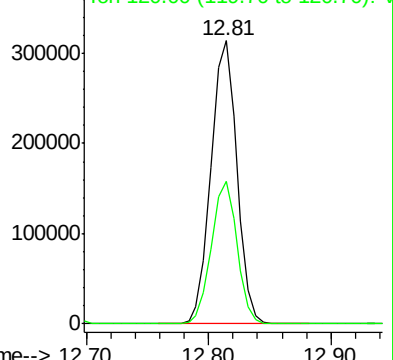
Ion Ratio Lower Upper

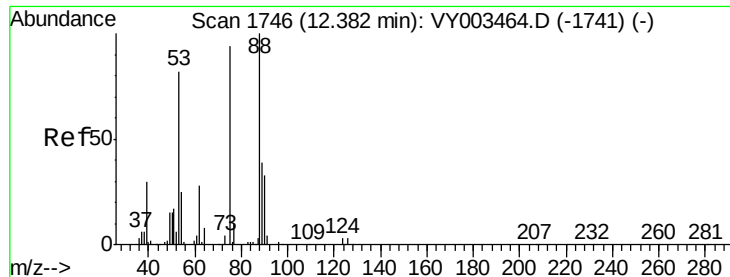
105 100

120 49.9 25.3 75.9



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





#81

trans-1,4-Dichloro-2-butene

Concen: 45.183 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

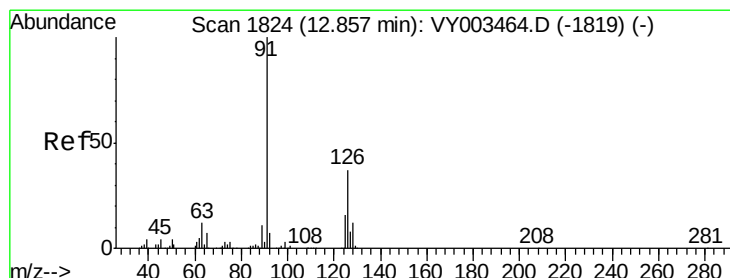
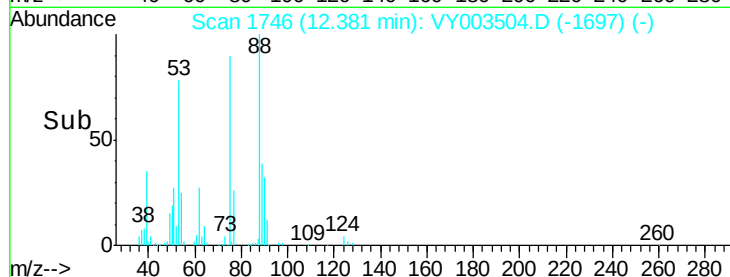
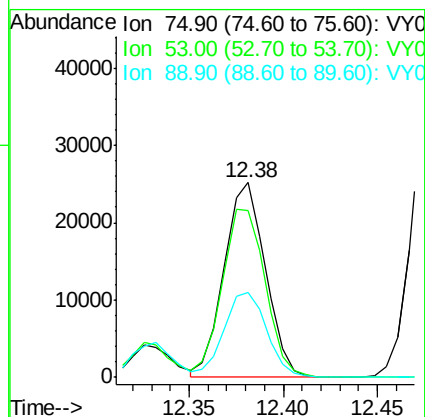
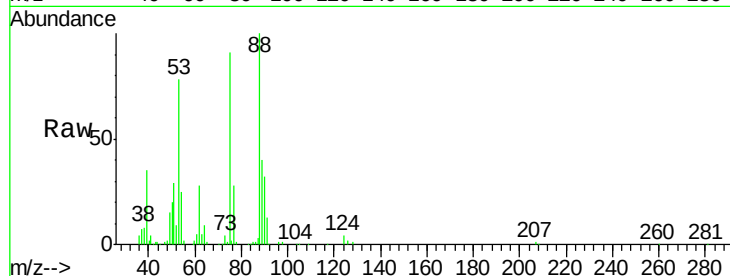
Tot Ion: 75 Resp: 38121

Ion Ratio Lower Upper

75 100

53 90.3 74.7 112.1

89 45.5 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.356 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY003504.D

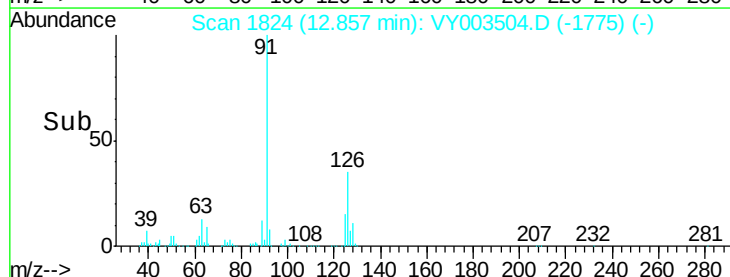
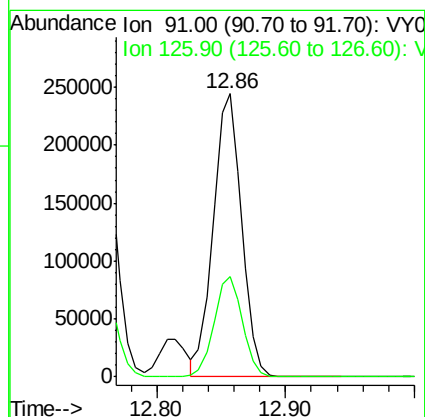
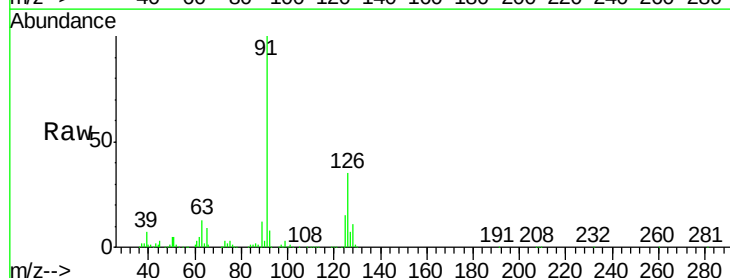
Acq: 04 Nov 2020 10:03

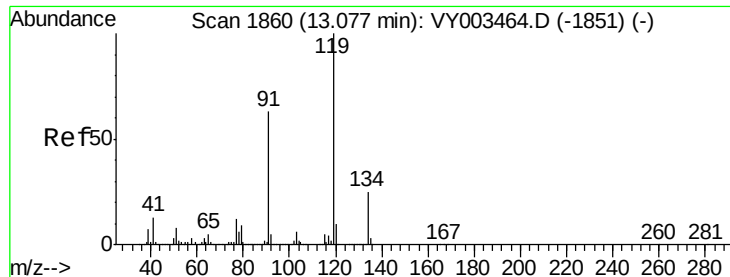
Tgt Ion: 91 Resp: 376490

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8

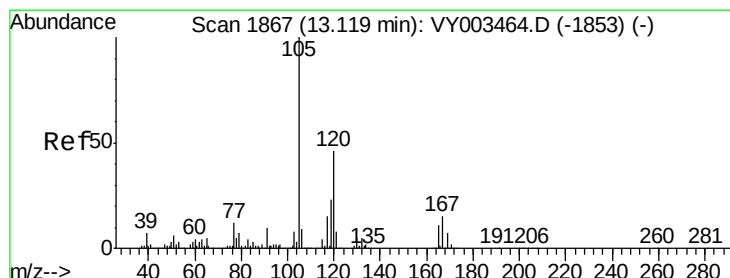
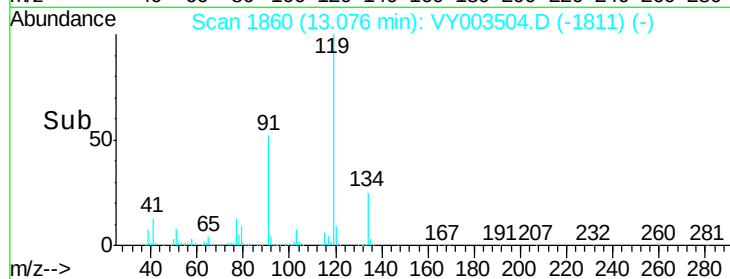
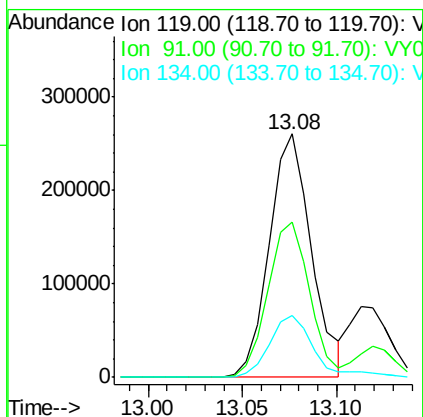
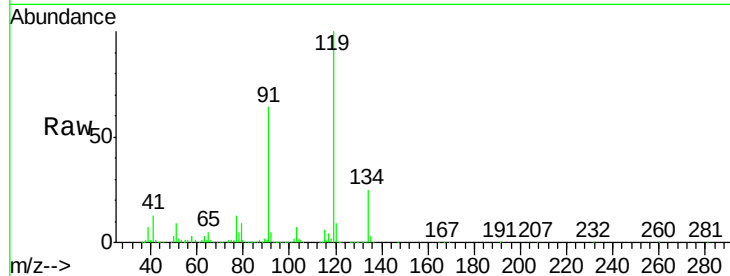




#83
 tert-Butylbenzene
 Concen: 50.527 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

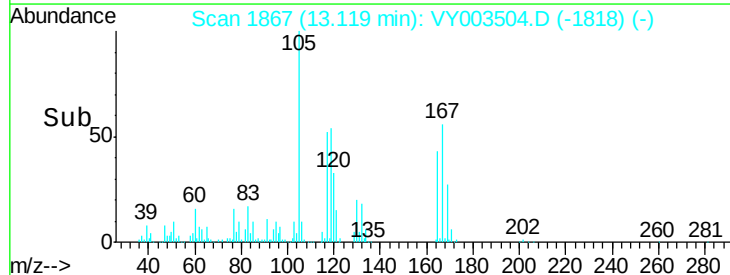
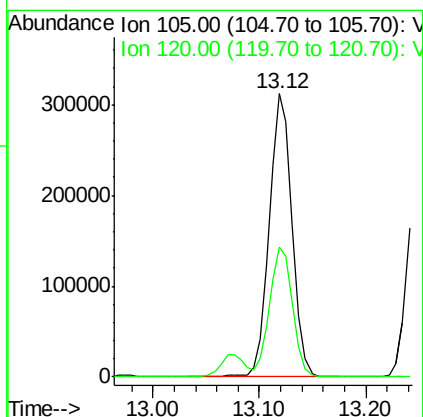
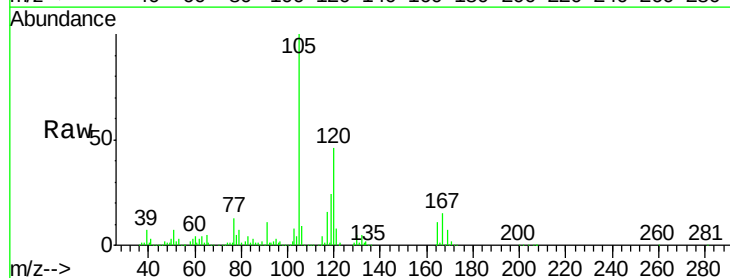
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

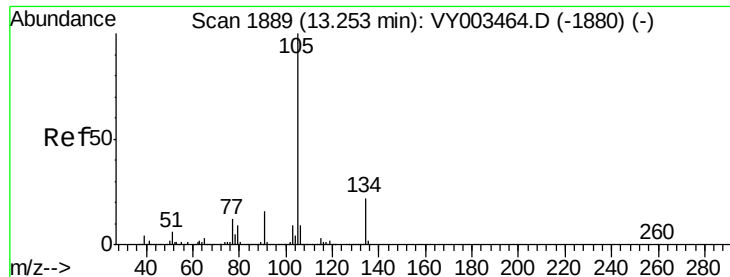
Tot Ion:119 Resp: 403659
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.1 93.2
 134 27.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.604 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion:105 Resp: 464578
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 51.098 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

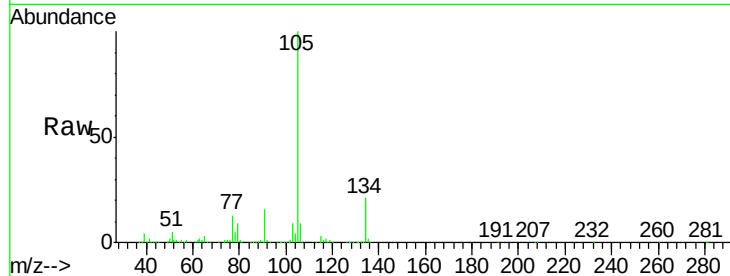
VSTDCCC050

Tot Ion:105 Resp: 552738

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

300000

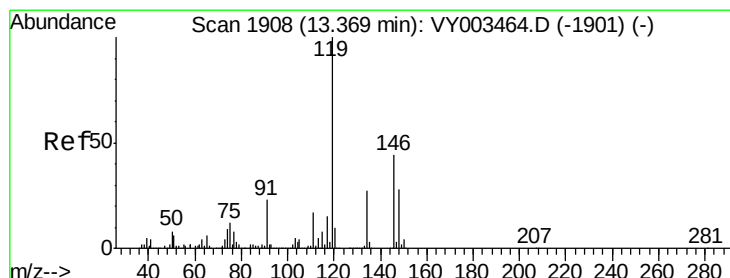
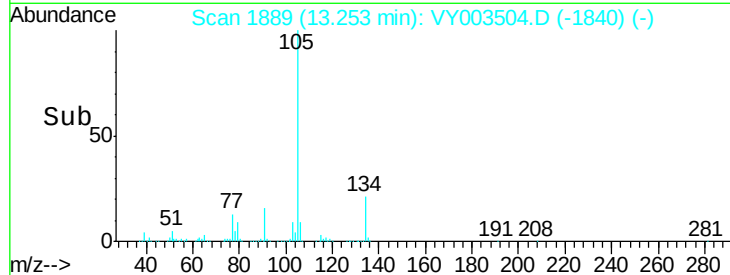
200000

100000

0

Time-->

13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 51.216 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

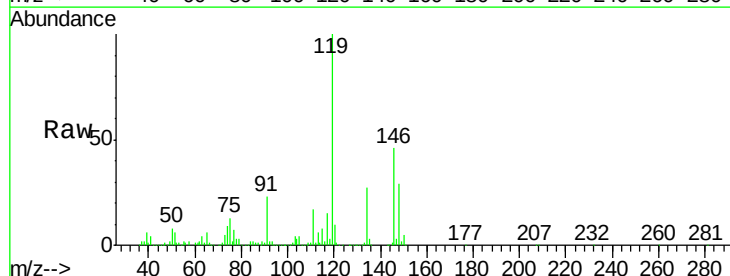
Tgt Ion:119 Resp: 513801

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 23.0 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

500000

400000

300000

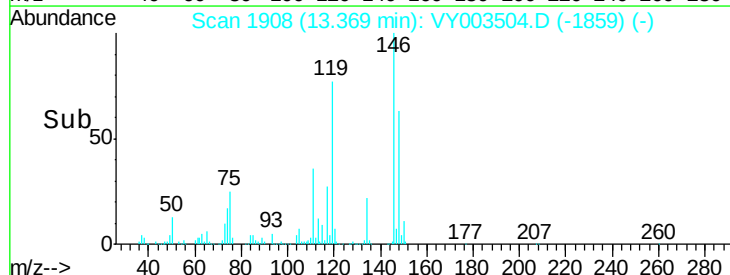
200000

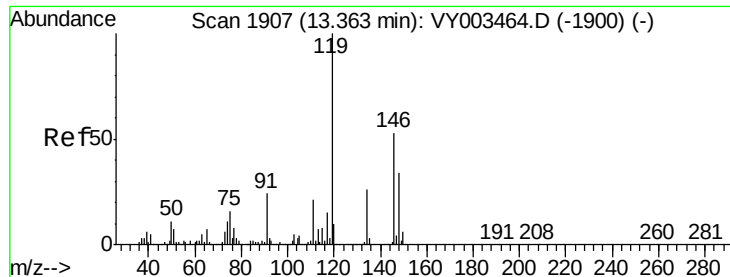
100000

0

Time-->

13.30 13.35 13.40

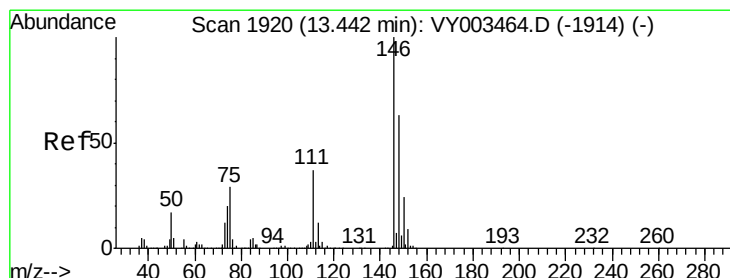
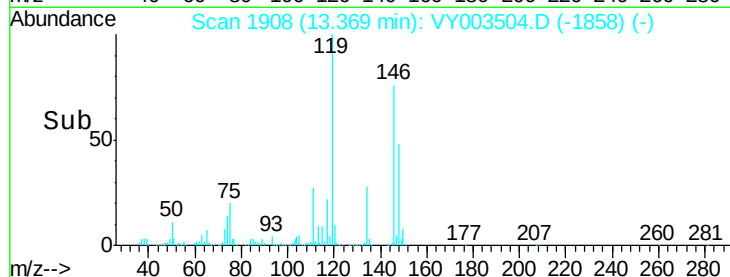
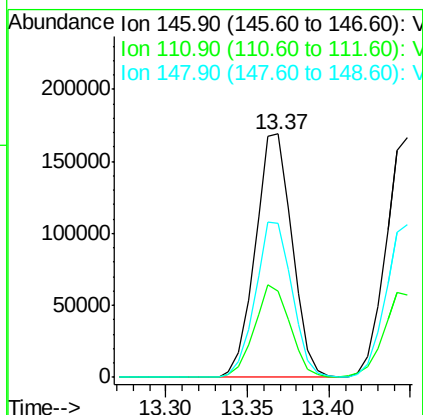
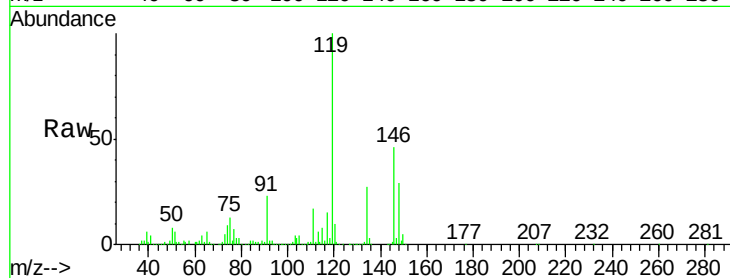




#87
 1,3-Dichlorobenzene
 Concen: 51.396 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

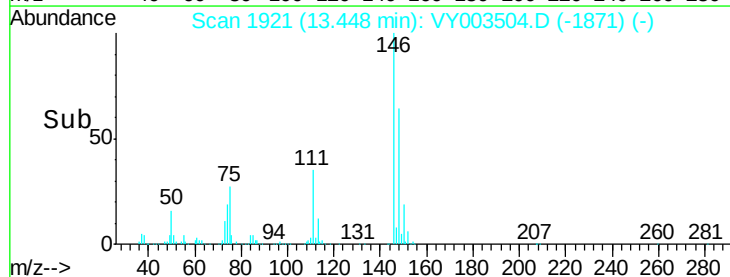
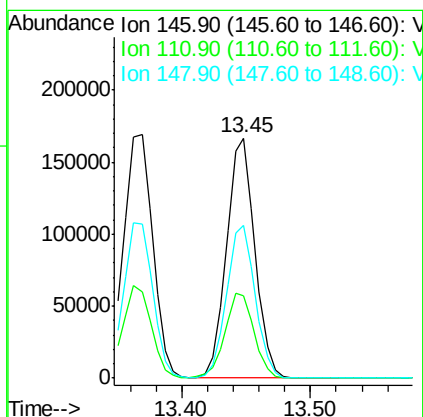
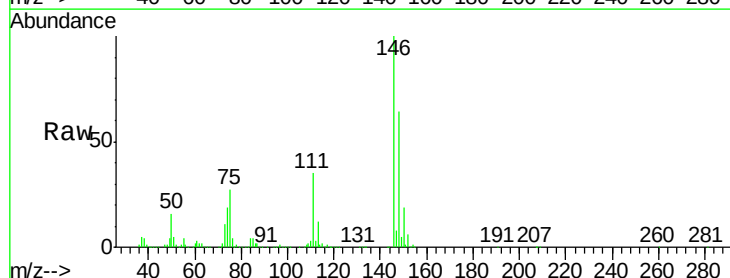
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

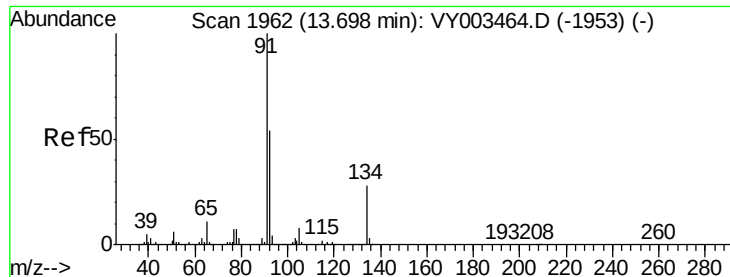
Tot Ion:146 Resp: 264464
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.1
 148 63.6 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 50.123 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion:146 Resp: 256466
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.3 54.8
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 51.719 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

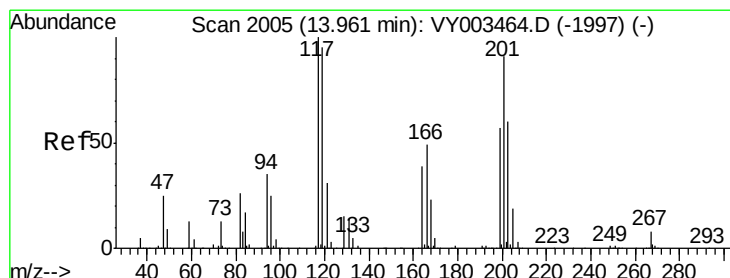
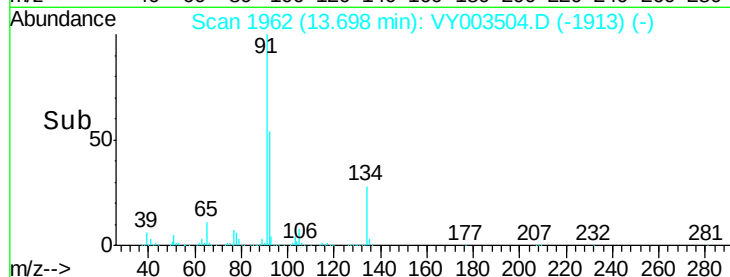
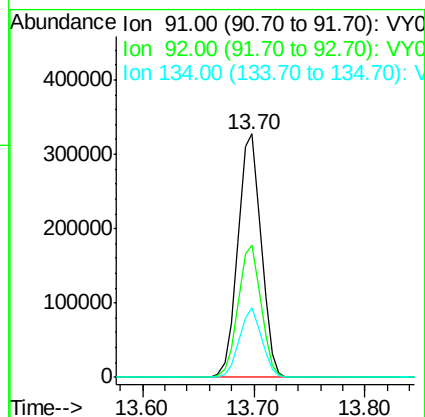
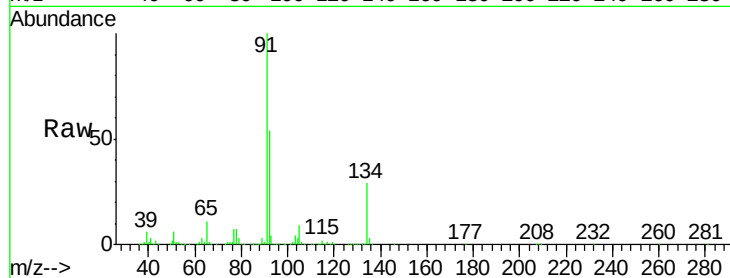
Tot Ion: 91 Resp: 473902

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.1

134 27.4 13.8 41.3



#90

Hexachloroethane

Concen: 51.330 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003504.D

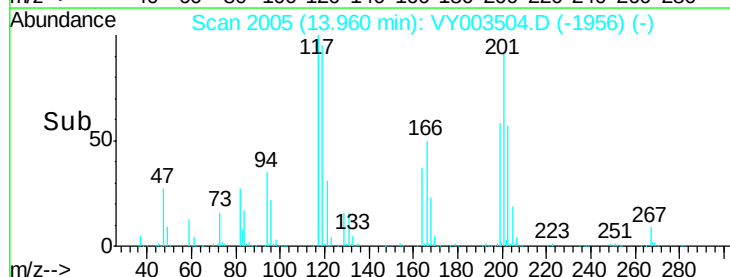
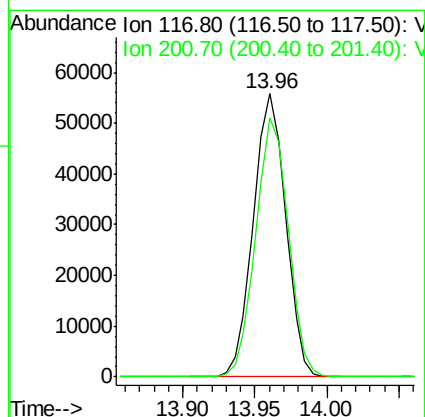
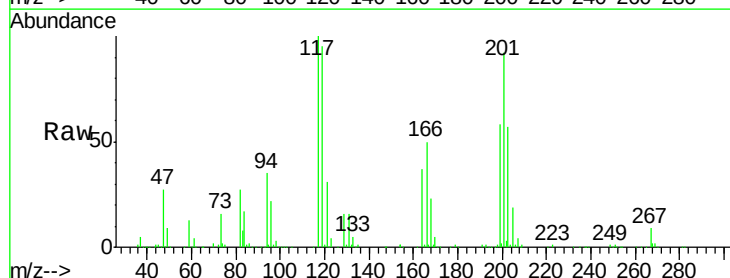
Acq: 04 Nov 2020 10:03

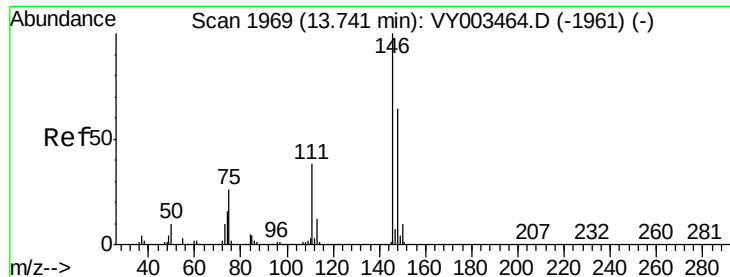
Tgt Ion: 117 Resp: 86663

Ion Ratio Lower Upper

117 100

201 92.1 46.6 139.8

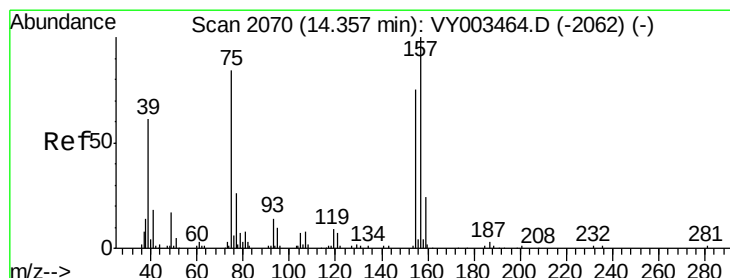
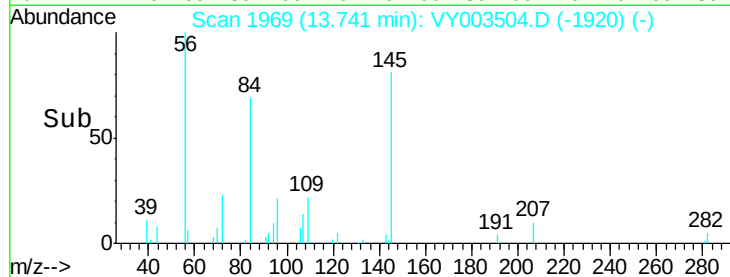
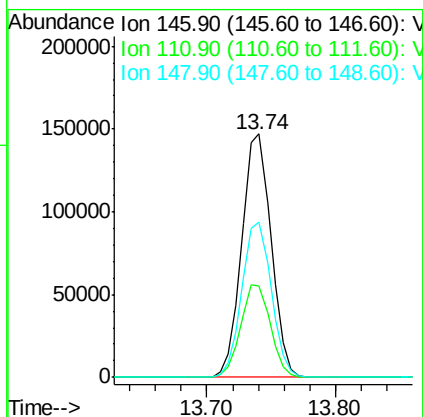
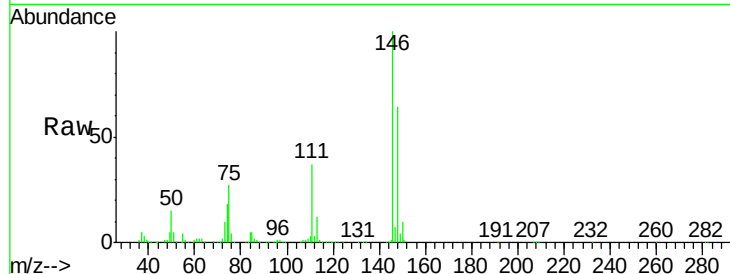




#91
 1,2-Dichlorobenzene
 Concen: 50.610 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

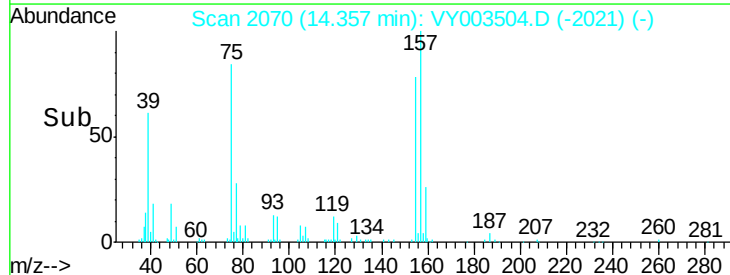
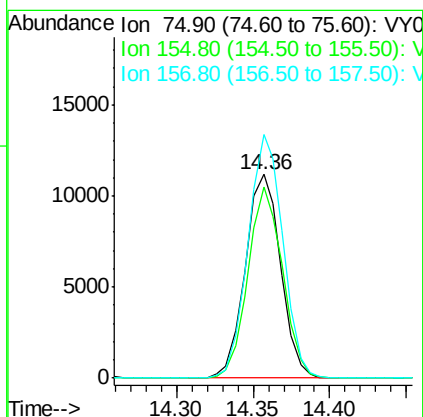
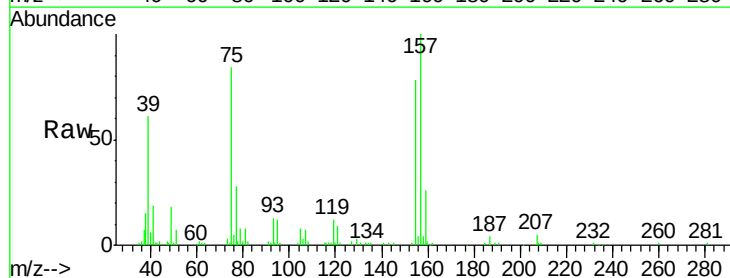
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

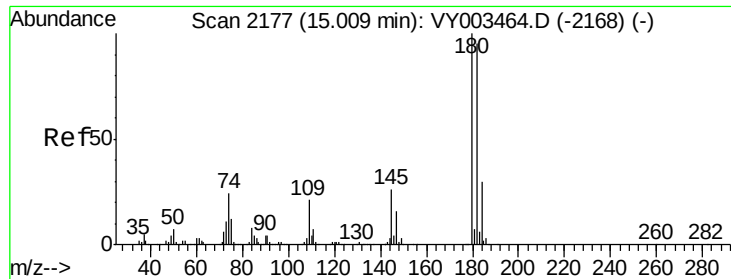
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.720 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.6	45.6	136.7
157	117.9	60.3	180.8

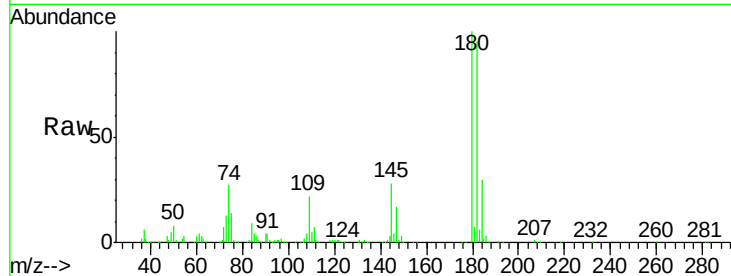




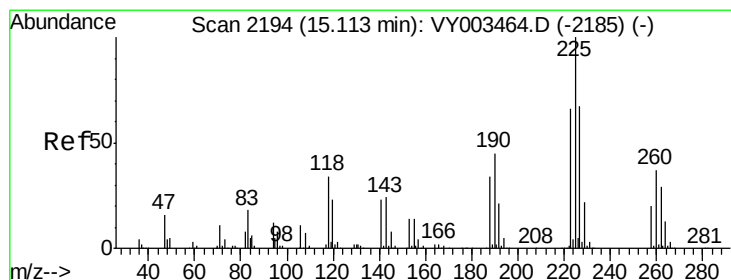
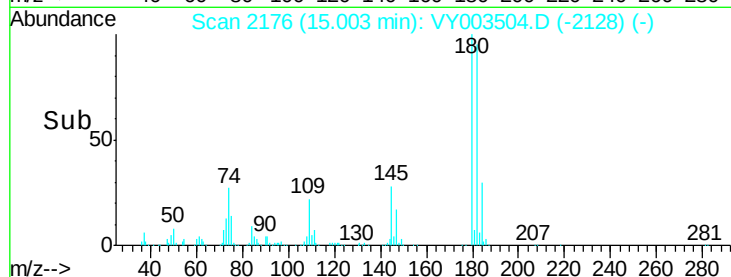
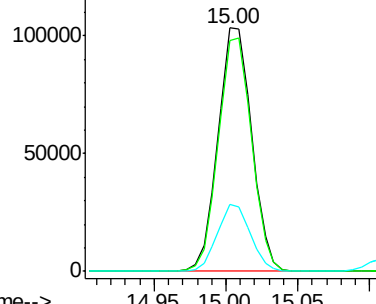
#93
 1,2,4-Trichlorobenzene
 Concen: 51.493 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	27.2	13.8	41.3

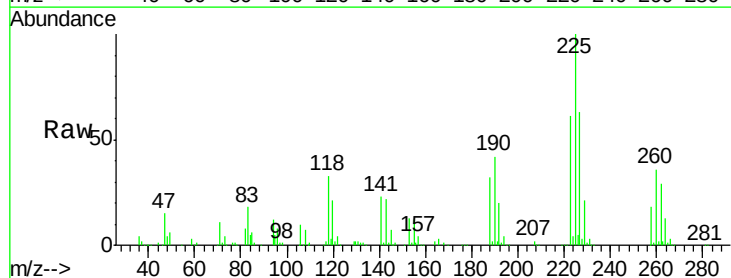


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

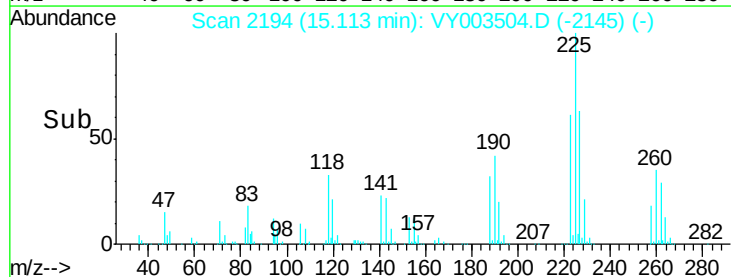
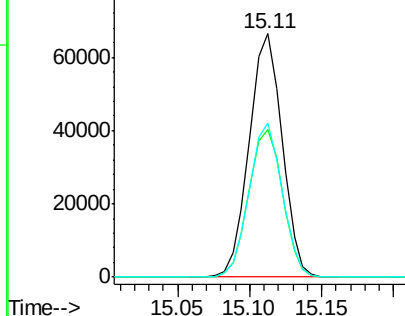


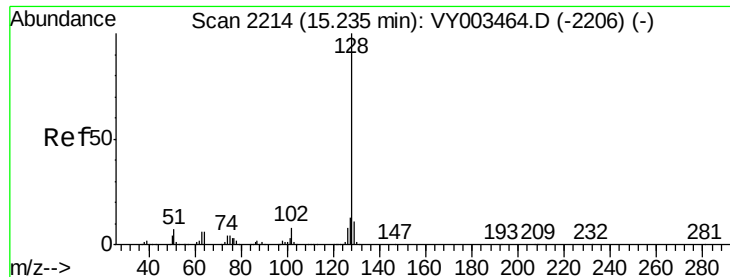
#94
 Hexachlorobutadiene
 Concen: 50.455 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003504.D
 Acq: 04 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.1	96.3
227	63.3	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.805 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

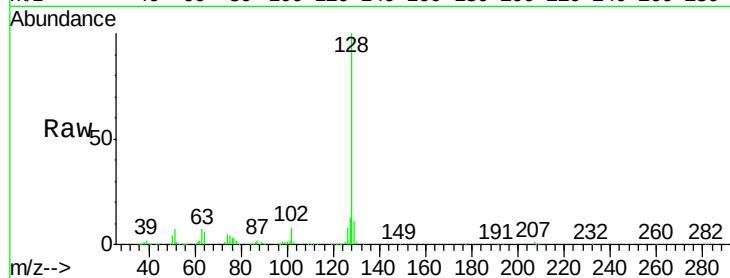
Tot Ion:128 Resp: 303051

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

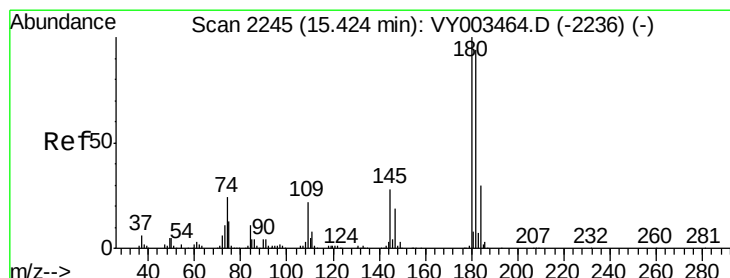
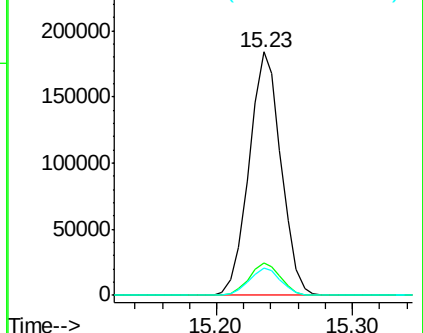
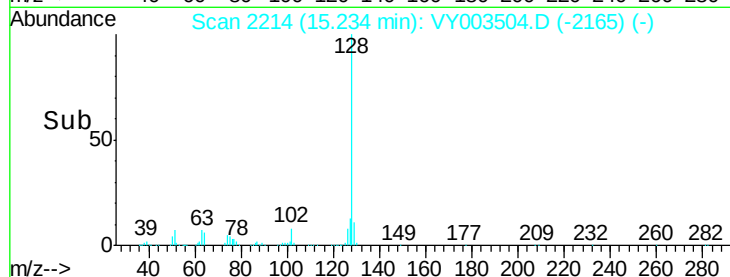
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.012 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003504.D

Acq: 04 Nov 2020 10:03

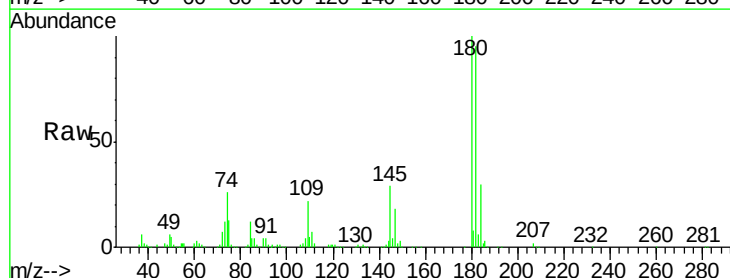
Tgt Ion:180 Resp: 145461

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.7

145 29.4 14.4 43.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

