

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003514.D
 Acq On : 04 Nov 2020 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:28:31 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	221531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114339	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
35) Dibromofluoromethane	7.72	113	97710	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.18	98	396659	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.48	95	139260	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	80157	45.731	ug/l	100
3) Chloromethane	2.12	50	109328	47.380	ug/l	99
4) Vinyl Chloride	2.25	62	125516	48.458	ug/l	100
5) Bromomethane	2.65	94	94137	43.500	ug/l	97
6) Chloroethane	2.79	64	80711	52.280	ug/l	99
7) Trichlorofluoromethane	3.13	101	165911	50.463	ug/l	99
8) Diethyl Ether	3.54	74	54702	54.257	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95047	52.306	ug/l	99
10) Methyl Iodide	4.10	142	99352	52.968	ug/l	99
11) Tert butyl alcohol	4.96	59	72263	326.718	ug/l	95
12) 1,1-Dichloroethene	3.88	96	92441	51.130	ug/l	97
13) Acrolein	3.74	56	36619	194.289	ug/l	99
14) Allyl chloride	4.49	41	170670	51.742	ug/l	100
15) Acrylonitrile	5.18	53	137467	255.433	ug/l	98
16) Acetone	3.95	43	173205	231.187	ug/l	99
17) Carbon Disulfide	4.20	76	292570	49.952	ug/l	99
18) Methyl Acetate	4.49	43	72466	51.183	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	248999	55.605	ug/l	98
20) Methylene Chloride	4.72	84	108669	51.504	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	108202	51.685	ug/l	95
22) Diisopropyl ether	6.13	45	325425	56.249	ug/l	98
23) Vinyl Acetate	6.07	43	1183285	272.174	ug/l	99
24) 1,1-Dichloroethane	6.02	63	196612	53.480	ug/l	98
25) 2-Butanone	6.99	43	233076	248.739	ug/l	99
26) 2,2-Dichloropropane	6.99	77	176582	51.556	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	122760	54.116	ug/l	100
28) Bromochloromethane	7.34	49	97886	52.926	ug/l	98
29) Tetrahydrofuran	7.35	42	126999	259.377	ug/l	99
30) Chloroform	7.51	83	196306	54.364	ug/l	98
31) Cyclohexane	7.79	56	165146	48.515	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	179493	53.283	ug/l	100
36) 1,1-Dichloropropene	7.92	75	155745	52.205	ug/l	99
37) Ethyl Acetate	7.08	43	95116	51.344	ug/l	98
38) Carbon Tetrachloride	7.90	117	162364	52.461	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003514.D
 Acq On : 04 Nov 2020 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Nov 05 00:28:31 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)

39) Methylcyclohexane	9.18	83	173893	52.348	ug/l	99
40) Benzene	8.16	78	439776	52.970	ug/l	100
41) Methacrylonitrile	7.35	41	124861	126.217	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	139579	53.655	ug/l	99
43) Isopropyl Acetate	8.27	43	177101	53.194	ug/l	99
44) Trichloroethene	8.94	130	123545	53.007	ug/l	99
45) 1,2-Dichloropropane	9.22	63	114891	54.798	ug/l	99
46) Dibromomethane	9.30	93	62621	54.288	ug/l	99
47) Bromodichloromethane	9.50	83	157464	55.774	ug/l	100
48) Methyl methacrylate	9.29	41	83133	53.008	ug/l	97
49) 1,4-Dioxane	9.30	88	15326	1064.850	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	474542	267.521	ug/l	99
52) Toluene	10.24	92	281170	54.146	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	165300	55.017	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	185504	54.867	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	90469	55.251	ug/l	95
56) Ethyl methacrylate	10.51	69	124818	56.911	ug/l	99
57) 1,3-Dichloropropane	10.79	76	157481	55.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	296976	267.104	ug/l	99
59) 2-Hexanone	10.83	43	345286	262.901	ug/l	99
60) Dibromochloromethane	10.98	129	114599	56.943	ug/l	100
61) 1,2-Dibromoethane	11.08	107	86839	54.933	ug/l	98
64) Tetrachloroethene	10.72	164	116755	52.720	ug/l	97
65) Chlorobenzene	11.52	112	307464	53.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	118039	54.329	ug/l	99
67) Ethyl Benzene	11.59	91	558273	53.441	ug/l	98
68) m/p-Xylenes	11.70	106	426687	107.784	ug/l	99
69) o-Xylene	12.03	106	198466	54.500	ug/l	97
70) Styrene	12.04	104	345197	55.829	ug/l	100
71) Bromoform	12.20	173	78849	54.447	ug/l	99
73) Isopropylbenzene	12.33	105	551436	50.259	ug/l	100
74) N-amyl acetate	12.14	43	161912	52.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115088	49.108	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	152605	85.870	ug/l #	100
77) Bromobenzene	12.60	156	140962	50.566	ug/l	100
78) n-propylbenzene	12.67	91	659741	51.049	ug/l	99
79) 2-Chlorotoluene	12.75	91	366380	50.742	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	478769	52.666	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40603	47.686	ug/l	99
82) 4-Chlorotoluene	12.85	91	388280	51.459	ug/l	100
83) tert-Butylbenzene	13.07	119	416752	51.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	483041	53.166	ug/l	100
85) sec-Butylbenzene	13.25	105	572988	52.486	ug/l	100
86) p-Isopropyltoluene	13.36	119	542509	53.584	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	274895	52.935	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	269431	52.176	ug/l	99
89) n-Butylbenzene	13.69	91	498057	53.859	ug/l	100
90) Hexachloroethane	13.95	117	89930	52.778	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	246495	53.432	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	20611	48.583	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
Data File : VY003514.D
Acq On : 04 Nov 2020 17:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 05 00:28:31 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

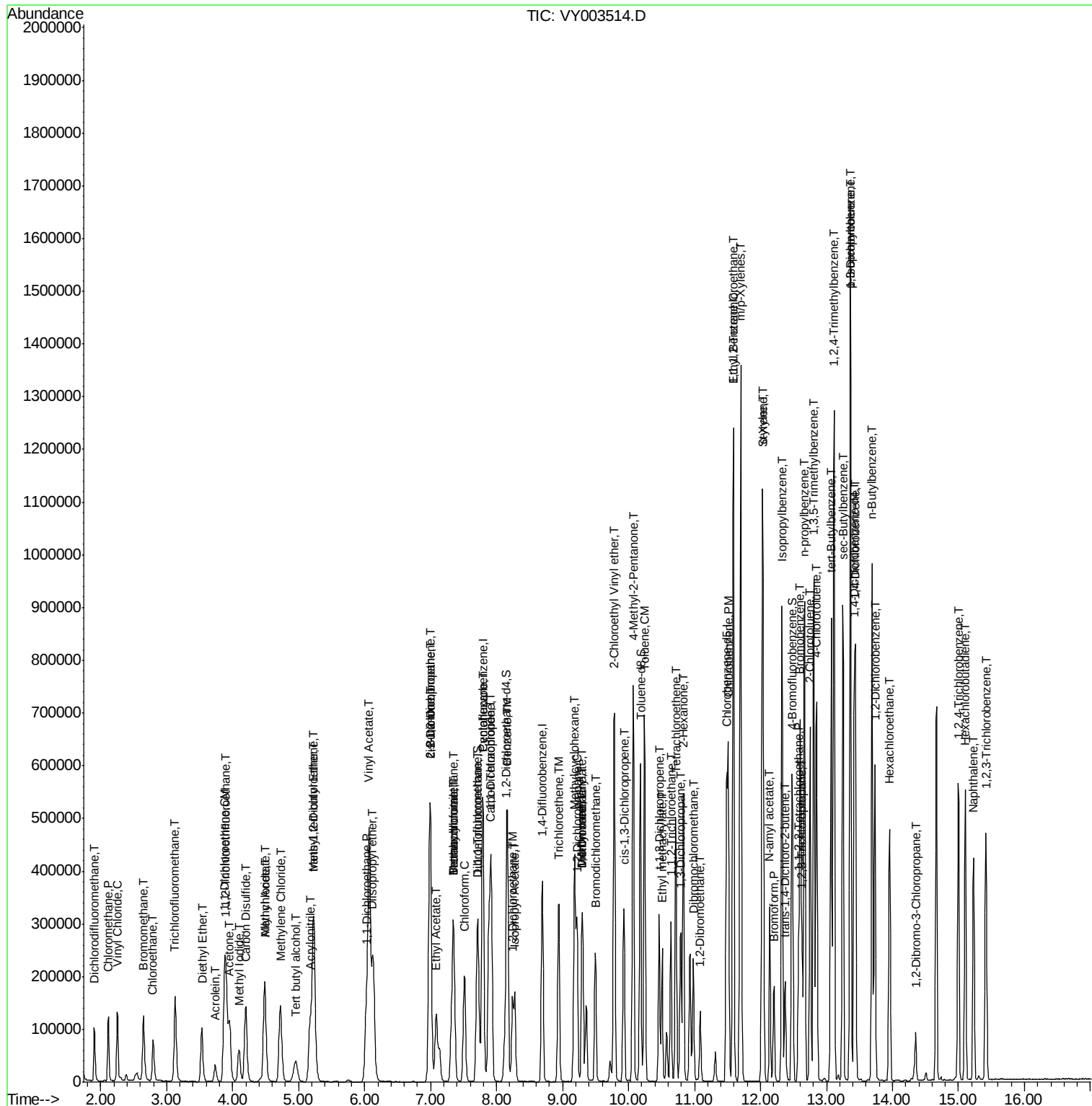
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	180555	55.332	ug/l	100
94) Hexachlorobutadiene	15.11	225	114079	54.345	ug/l	99
95) Naphthalene	15.23	128	341393	52.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	161503	55.021	ug/l	98

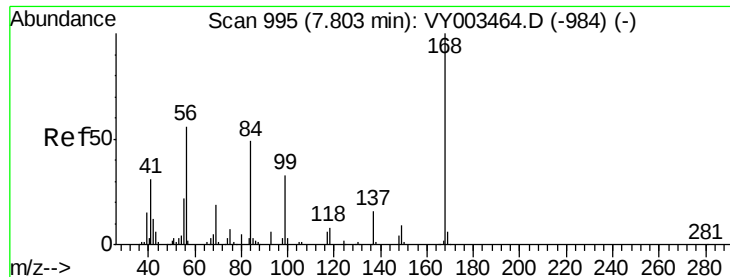
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
Data File : VY003514.D
Acq On : 04 Nov 2020 17:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 05 00:28:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

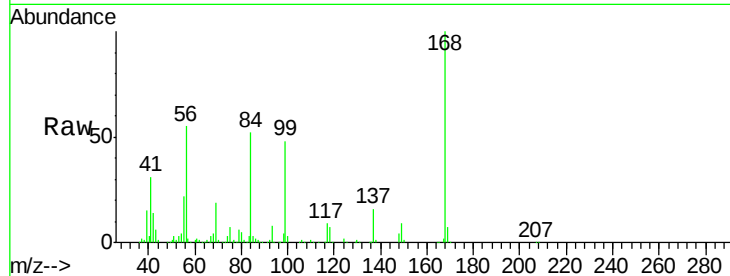
VSTDCCC050EC

Tot Ion:168 Resp: 221531

Ion Ratio Lower Upper

168 100

99 47.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003514.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003514.D (-946) (-)

7.80

100000

80000

60000

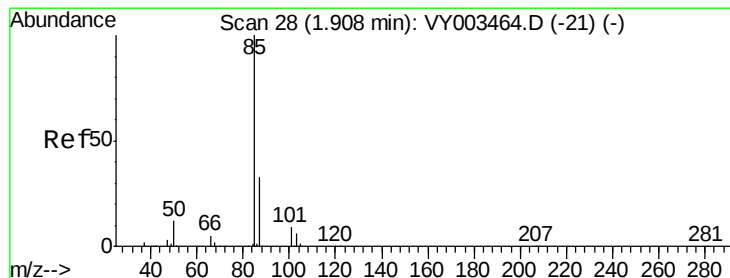
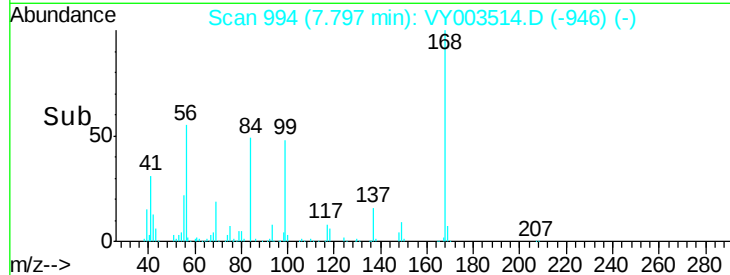
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.731 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY003514.D

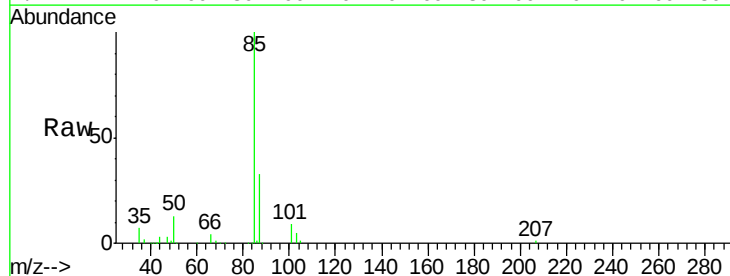
Acq: 04 Nov 2020 17:47

Tgt Ion: 85 Resp: 80157

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003514.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003514.D (-1) (-)

1.90

60000

50000

40000

30000

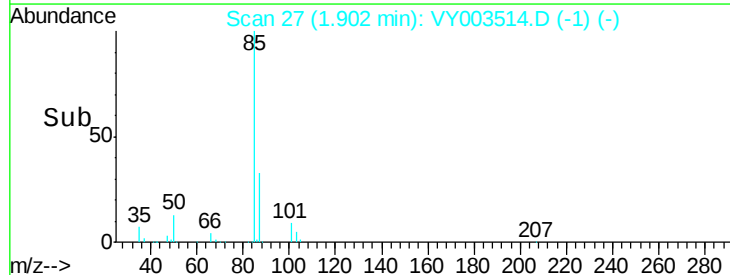
20000

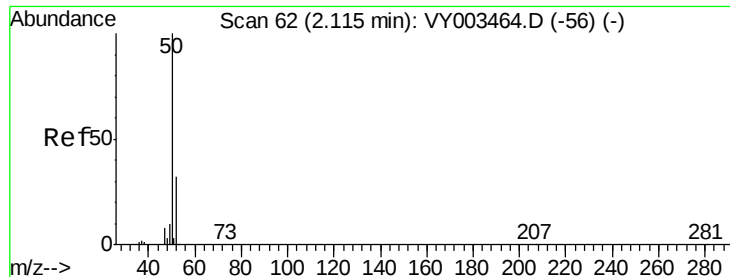
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.380 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

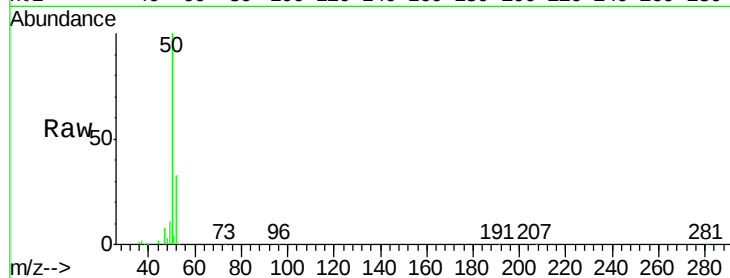
VSTDCCC050EC

Tot Ion: 50 Resp: 109328

Ion Ratio Lower Upper

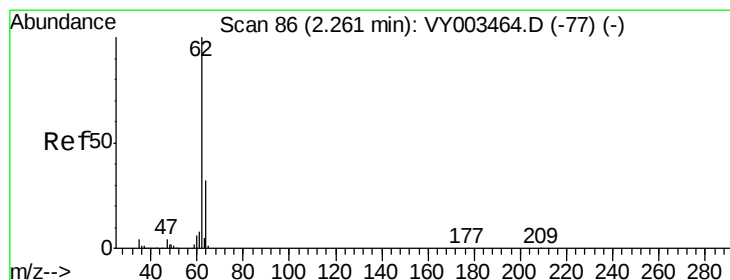
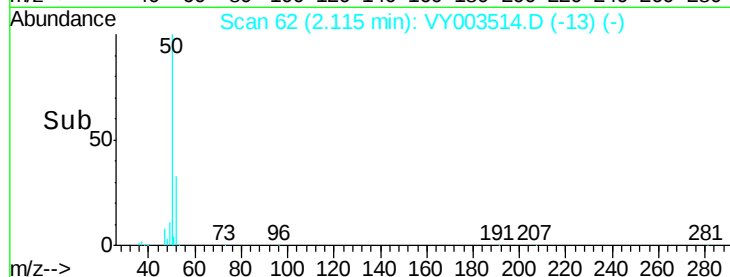
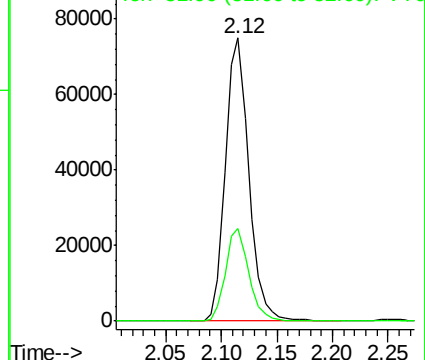
50 100

52 32.7 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: 48.458 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003514.D

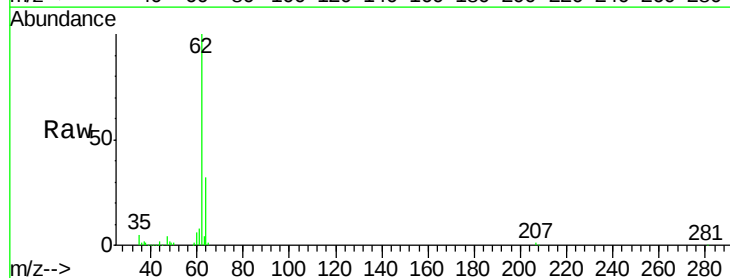
Acq: 04 Nov 2020 17:47

Tgt Ion: 62 Resp: 125516

Ion Ratio Lower Upper

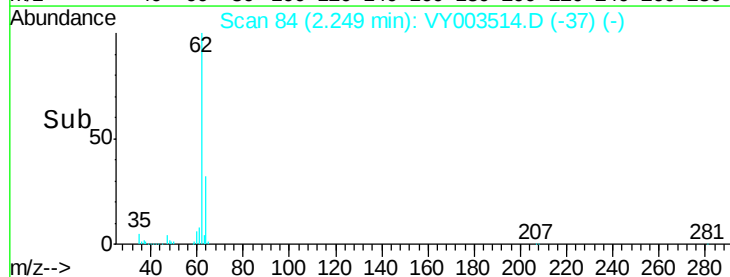
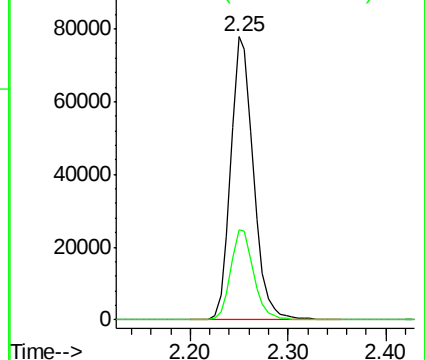
62 100

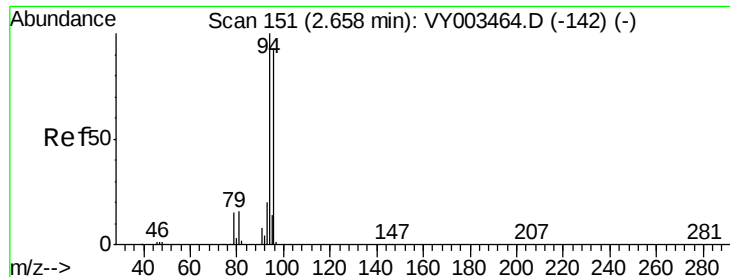
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 43.500 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

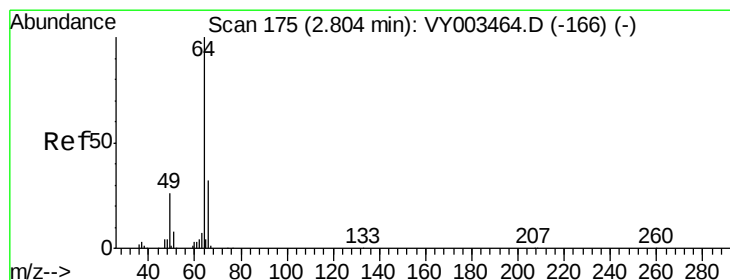
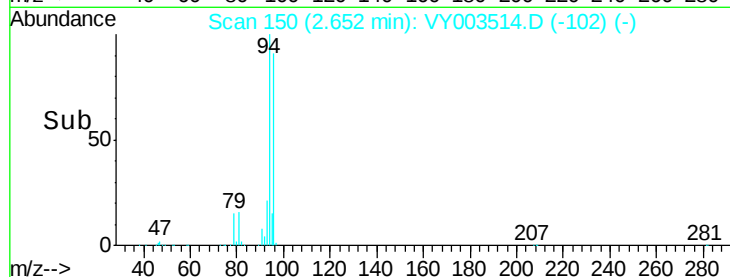
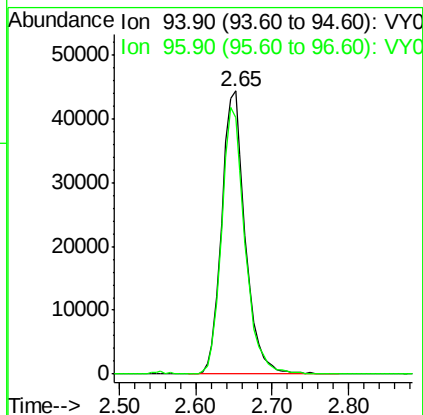
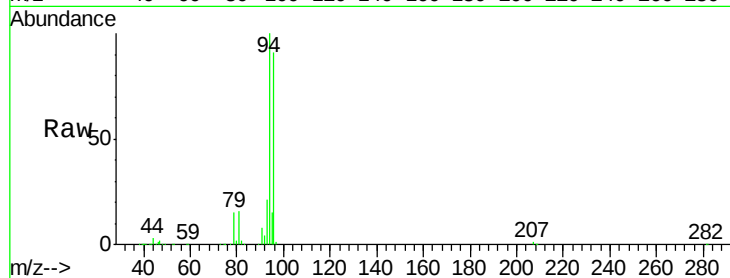
VSTDCCC050EC

Tot Ion: 94 Resp: 94137

Ion Ratio Lower Upper

94 100

96 90.4 74.6 112.0



#6

Chloroethane

Concen: 52.280 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003514.D

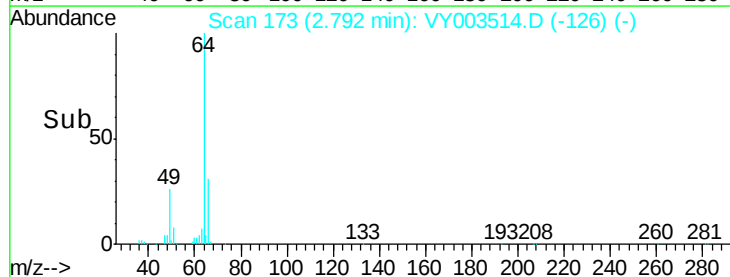
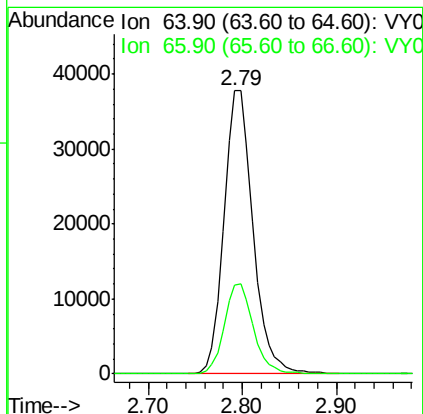
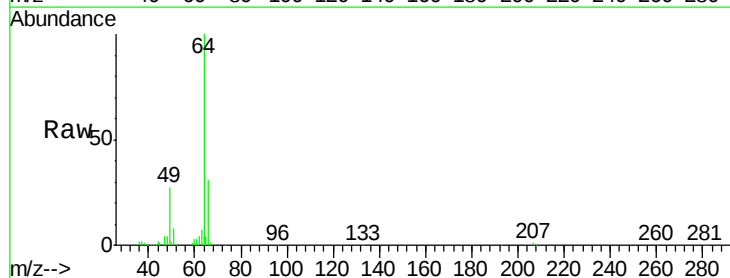
Acq: 04 Nov 2020 17:47

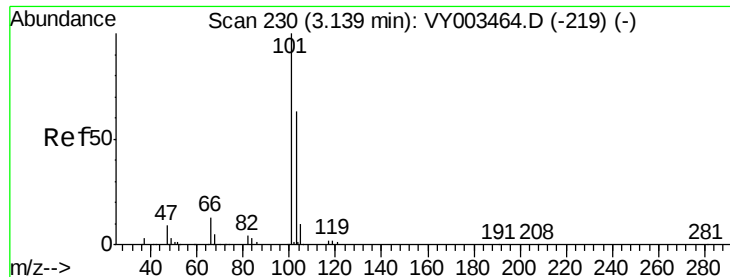
Tgt Ion: 64 Resp: 80711

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



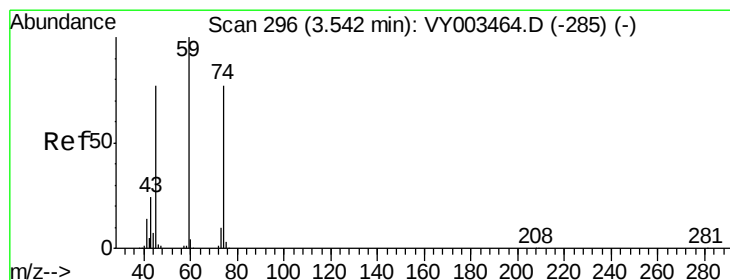
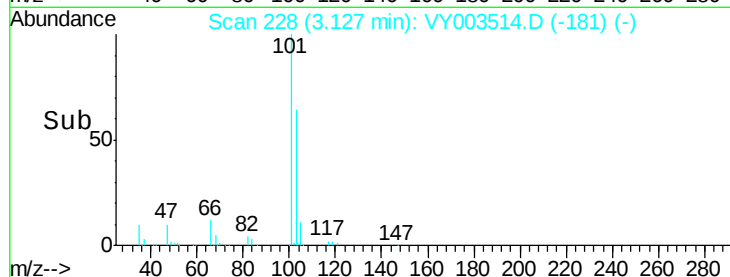
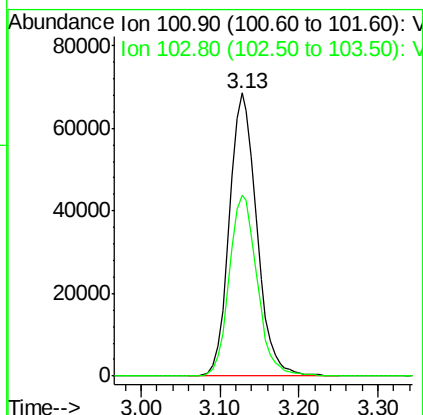
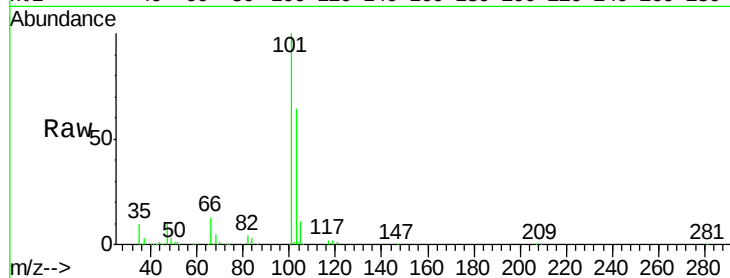


#7

Trichlorofluoromethane
Concen: 50.463 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

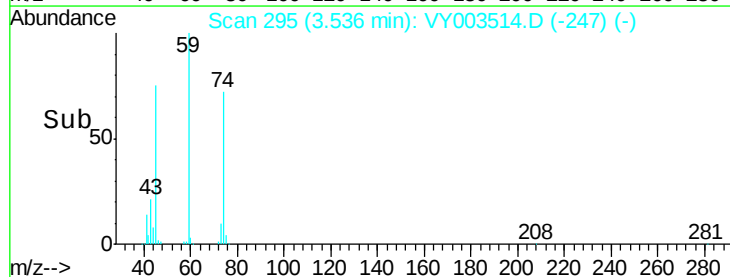
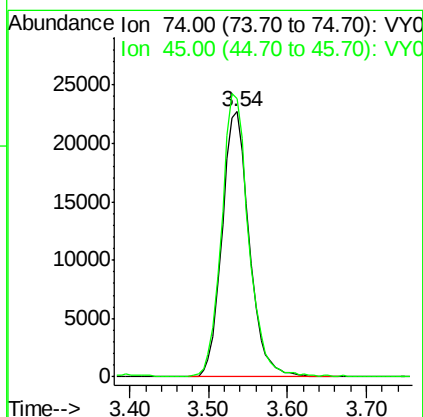
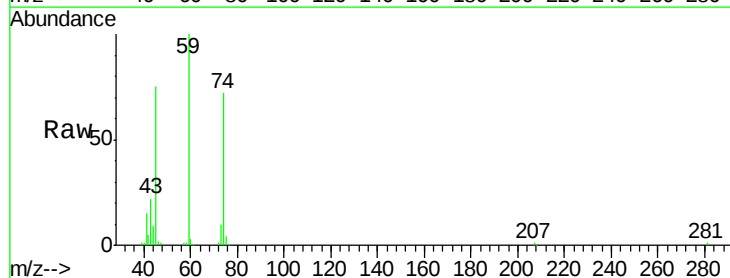
Tot Ion:101 Resp: 165911
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

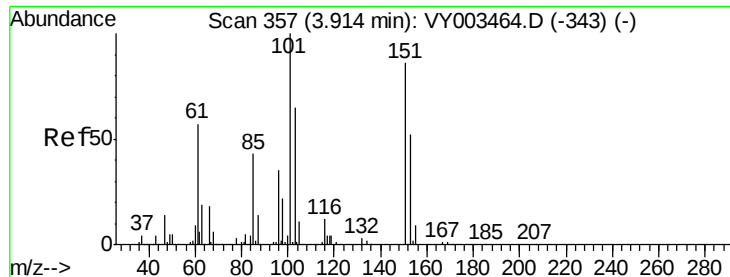


#8

Diethyl Ether
Concen: 54.257 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 74 Resp: 54702
Ion Ratio Lower Upper
74 100
45 106.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.306 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

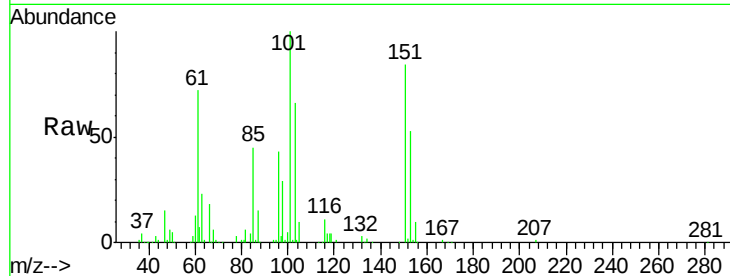
Tot Ion:101 Resp: 95047

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.8

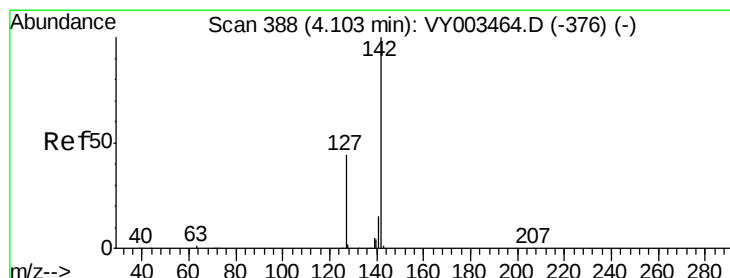
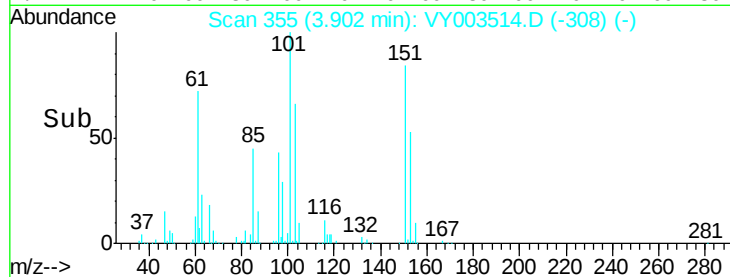
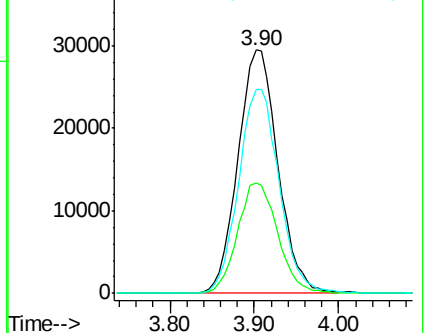
151 85.0 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.968 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

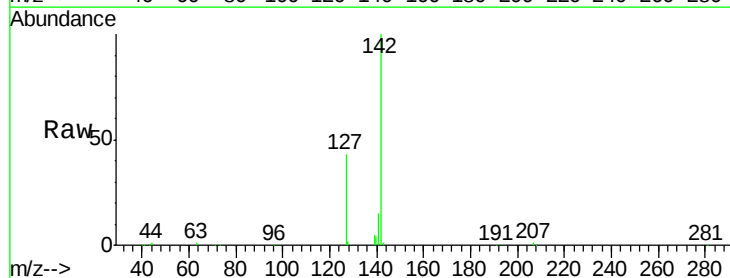
Tgt Ion:142 Resp: 99352

Ion Ratio Lower Upper

142 100

127 43.9 34.5 51.7

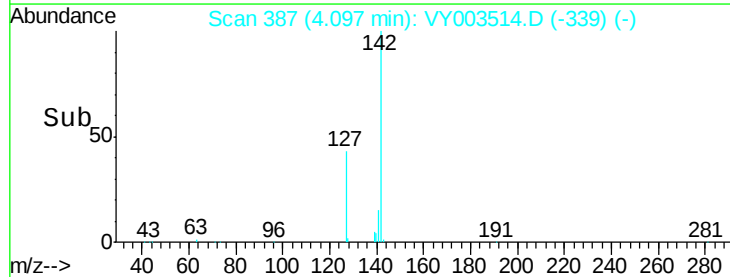
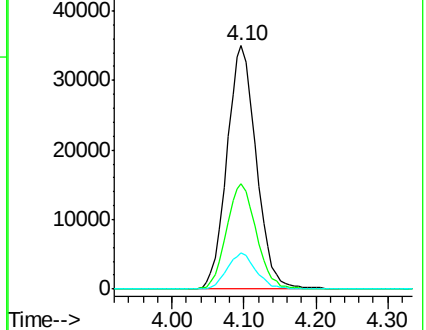
141 14.6 11.8 17.8

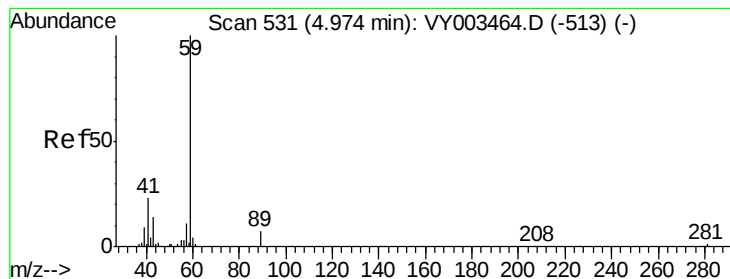


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



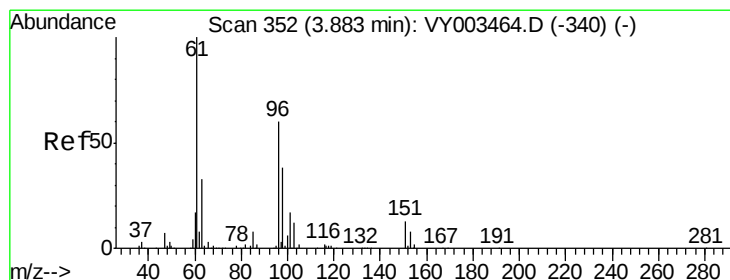
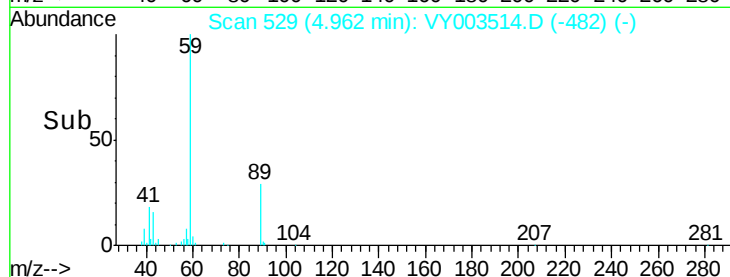
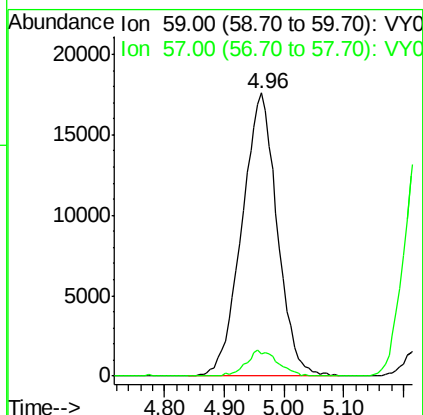
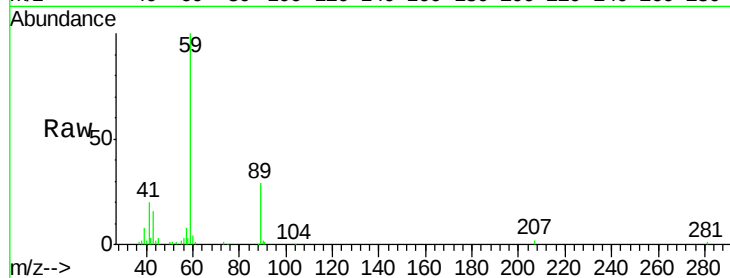


#11

Tert butyl alcohol
 Concen: 326.718 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

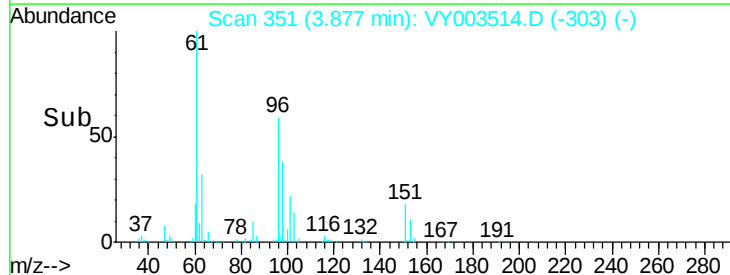
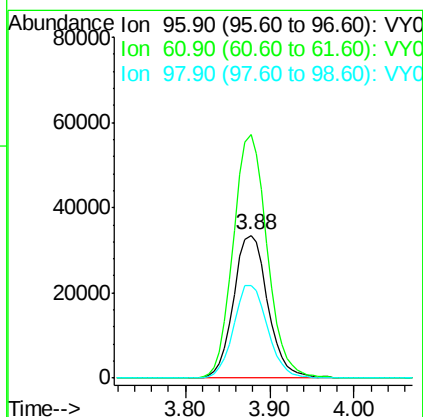
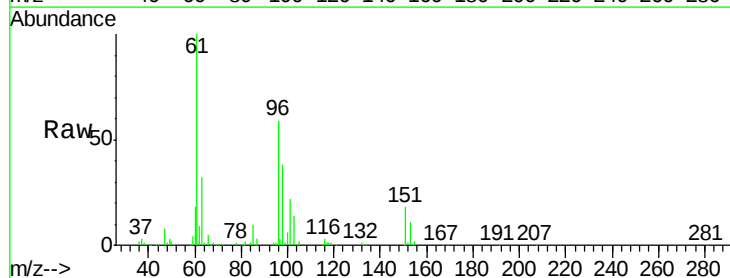
Tot Ion: 59 Resp: 72263
 Ion Ratio Lower Upper
 59 100
 57 8.1 7.9 11.9

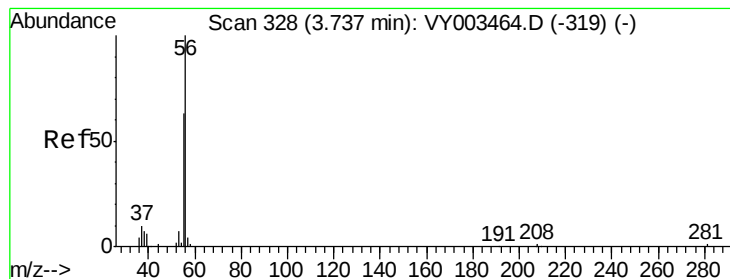


#12

1,1-Dichloroethene
 Concen: 51.130 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 96 Resp: 92441
 Ion Ratio Lower Upper
 96 100
 61 170.8 133.6 200.4
 98 65.2 50.2 75.2





#13

Acrolein

Concen: 194.289 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

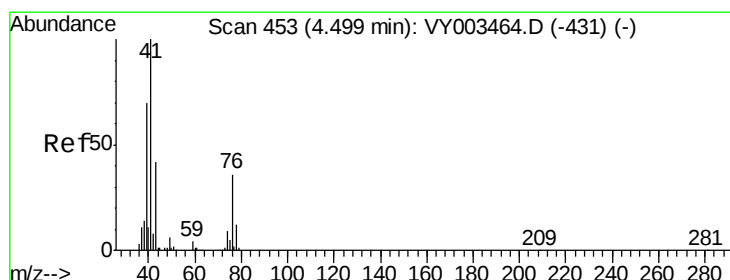
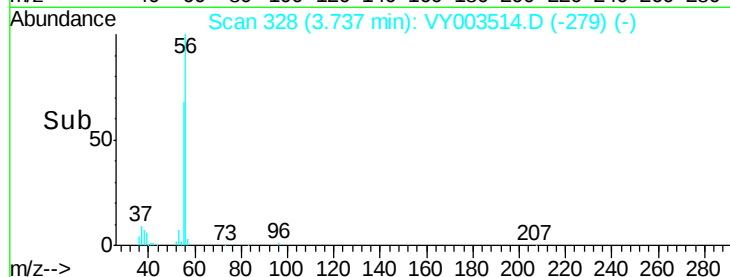
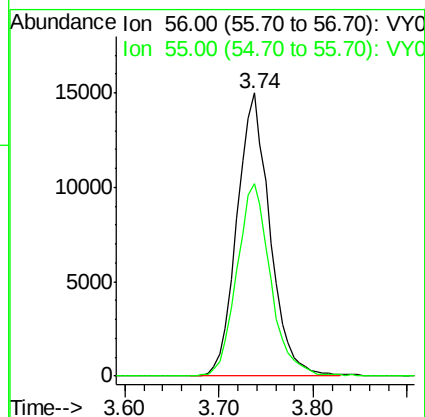
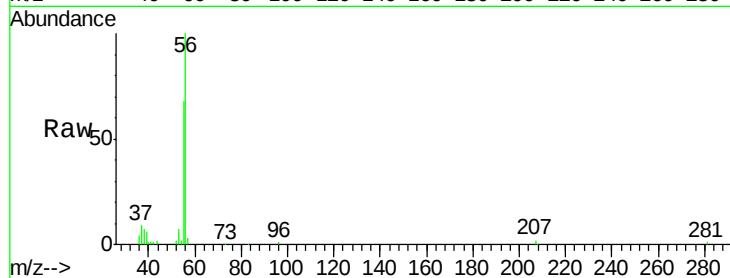
VSTDCCC050EC

Tot Ion: 56 Resp: 36619

Ion Ratio Lower Upper

56 100

55 69.6 56.6 85.0



#14

Allyl chloride

Concen: 51.742 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

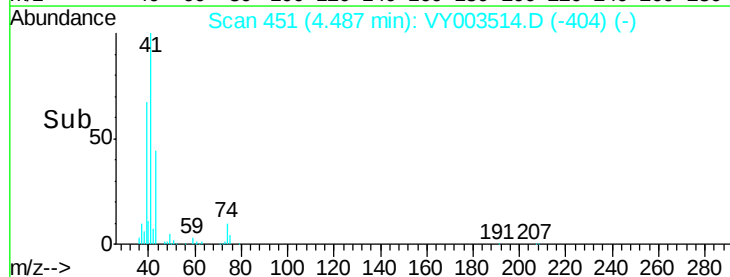
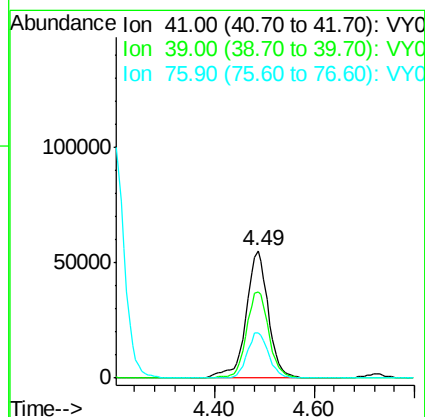
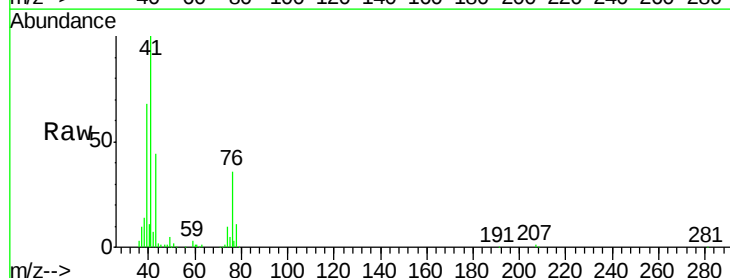
Tgt Ion: 41 Resp: 170670

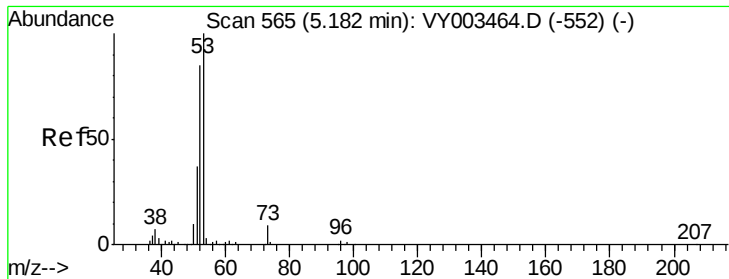
Ion Ratio Lower Upper

41 100

39 68.1 54.4 81.6

76 34.1 27.6 41.4





#15

Acrylonitrile

Concen: 255.433 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

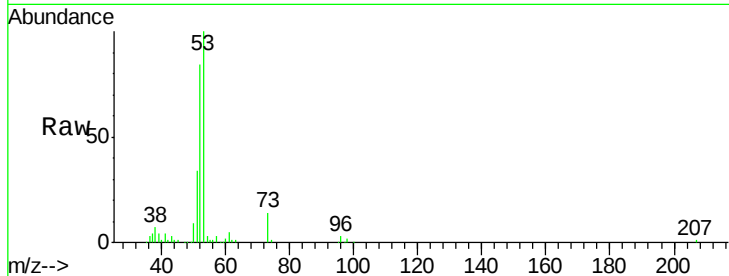
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 137467

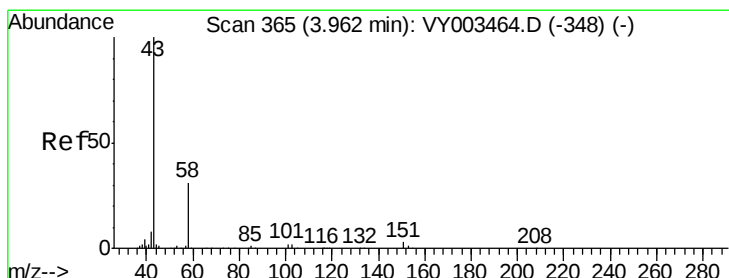
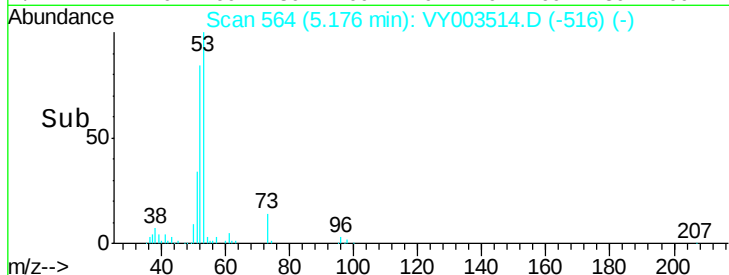
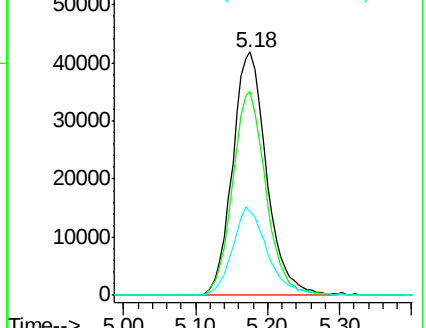
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.9	100.3
51	37.1	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 231.187 ug/l

RT: 3.95 min Scan# 363

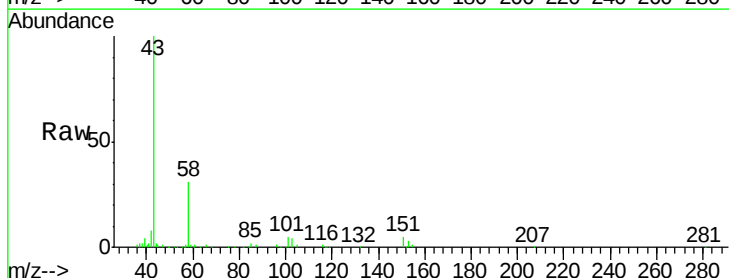
Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

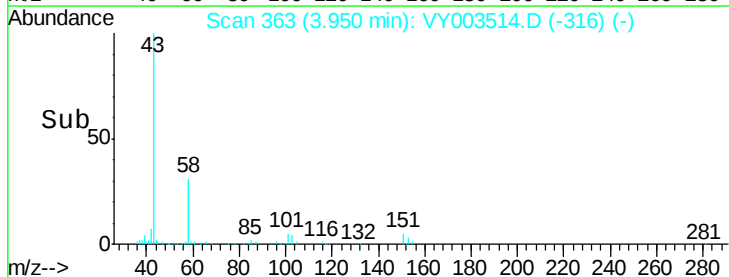
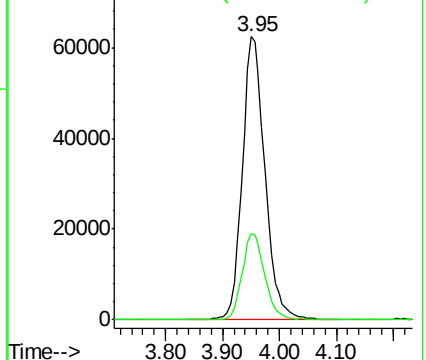
Tgt Ion: 43 Resp: 173205

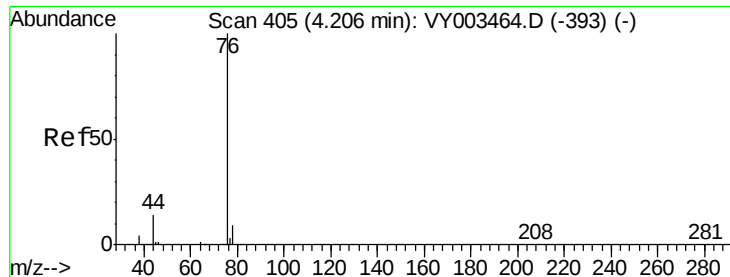
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.0	37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

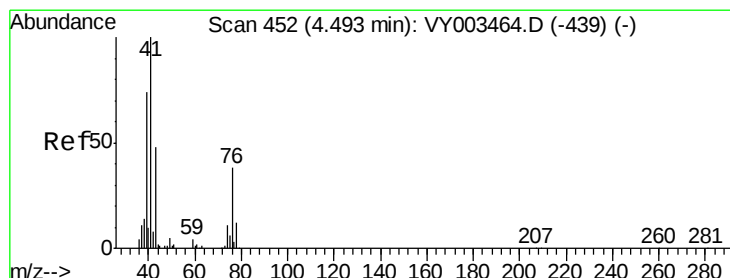
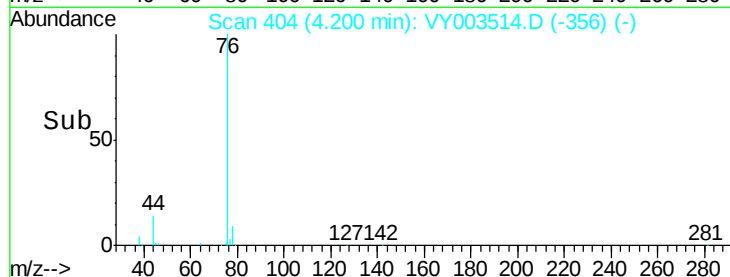
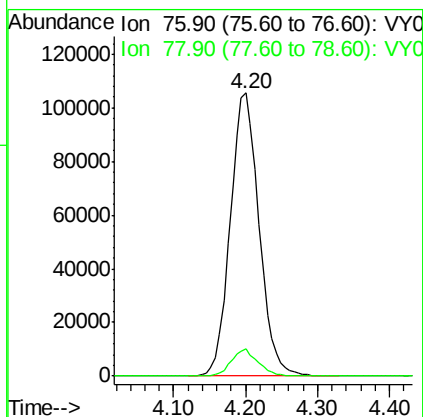
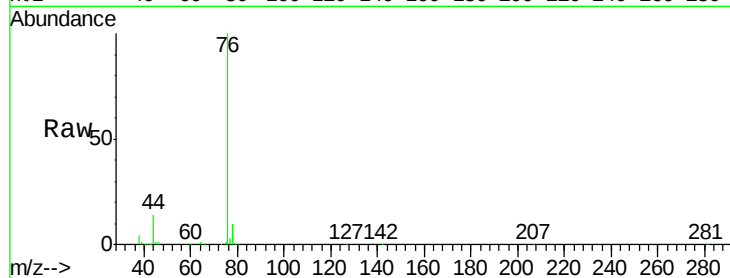




#17
Carbon Disulfide
Concen: 49.952 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

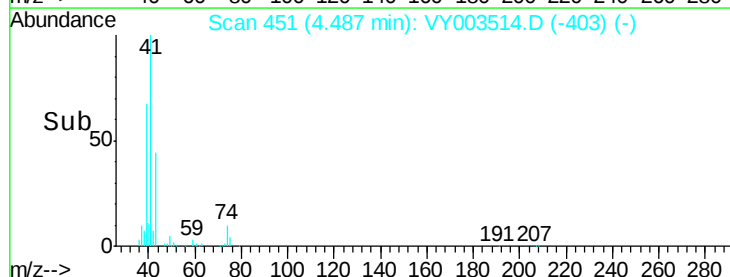
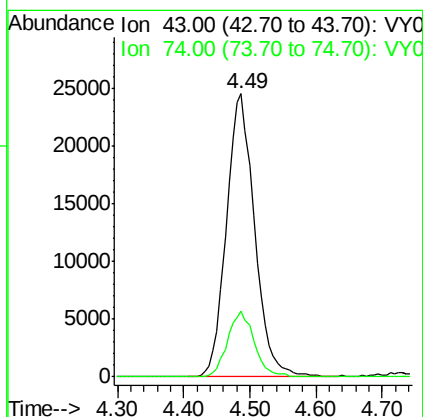
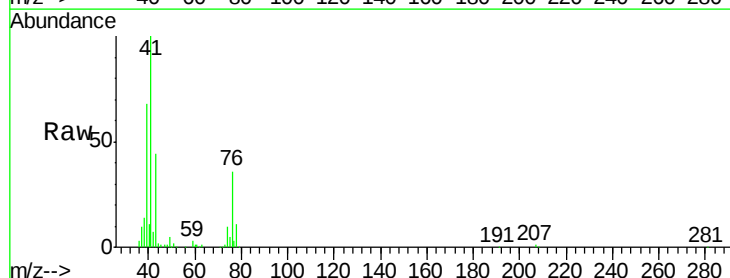
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

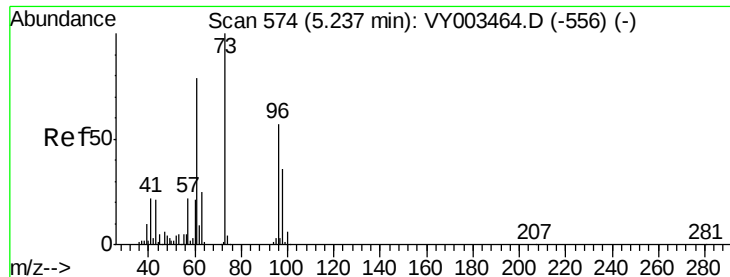
Tot Ion: 76 Resp: 292570
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 51.183 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 43 Resp: 72466
Ion Ratio Lower Upper
43 100
74 22.0 18.4 27.6

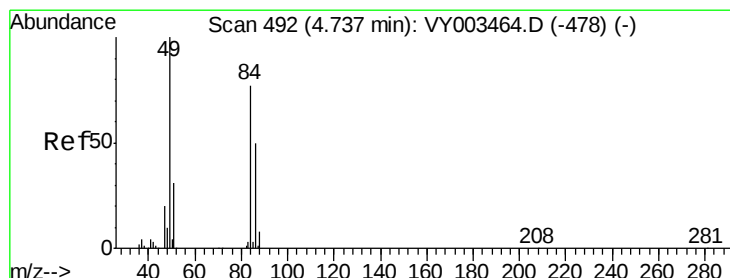
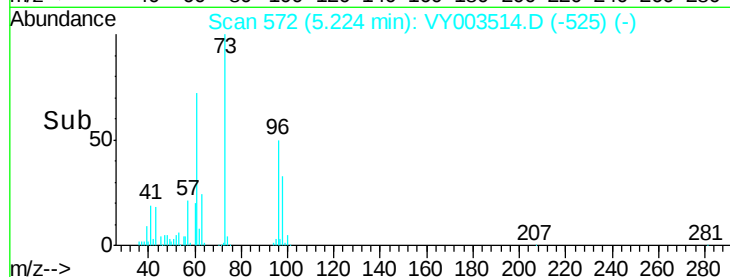
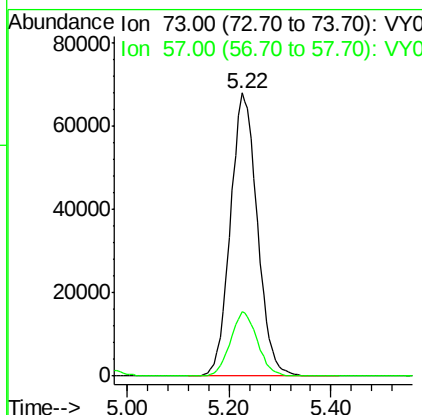
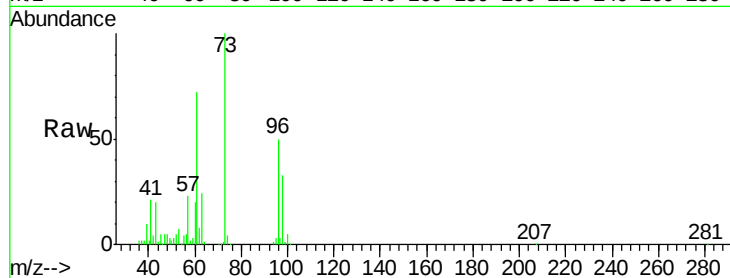




#19
Methvl tert-butvl Ether
Concen: 55.605 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

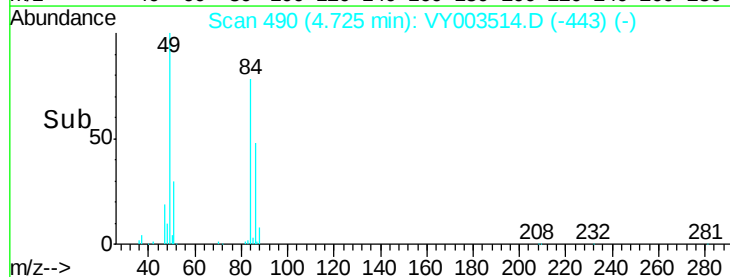
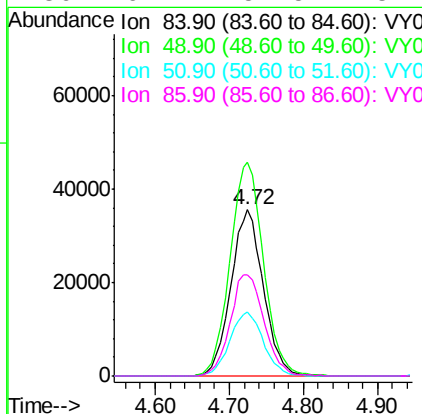
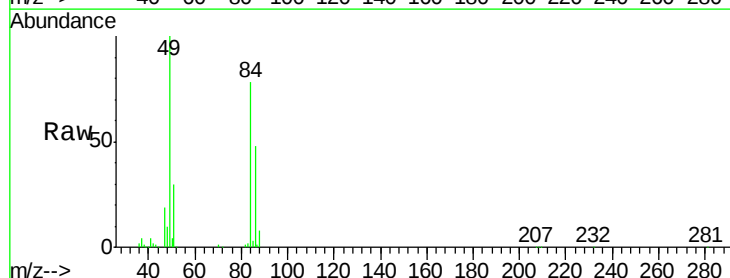
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

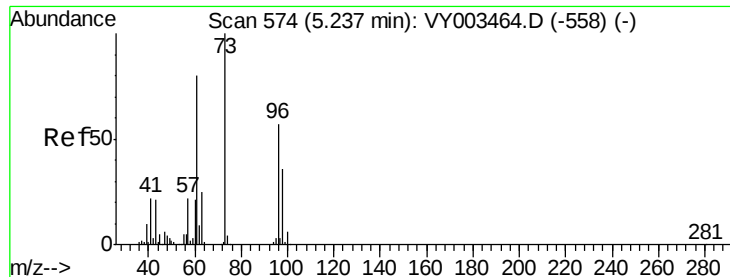
Tot Ion: 73 Resp: 248999
Ion Ratio Lower Upper
73 100
57 22.6 17.2 25.8



#20
Methylene Chloride
Concen: 51.504 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 84 Resp: 108669
Ion Ratio Lower Upper
84 100
49 128.5 104.3 156.5
51 38.3 32.5 48.7
86 61.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.685 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

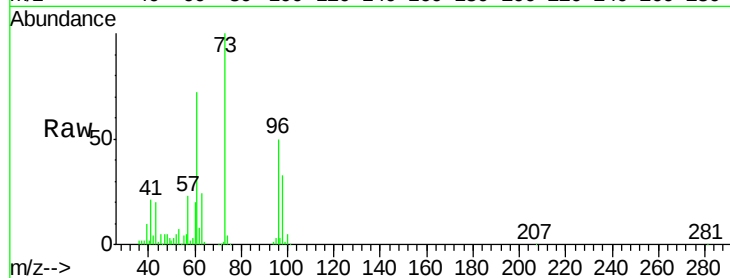
Tot Ion: 96 Resp: 108202

Ion Ratio Lower Upper

96 100

61 144.8 111.3 166.9

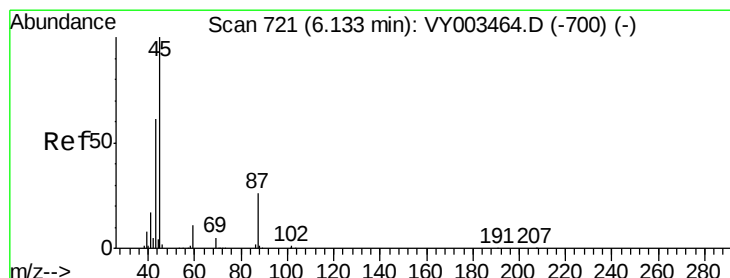
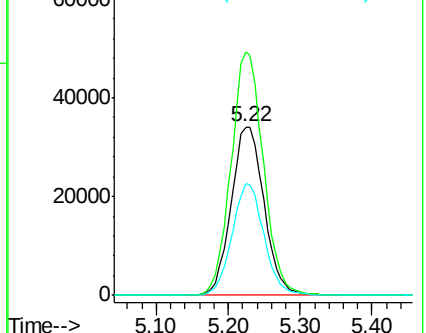
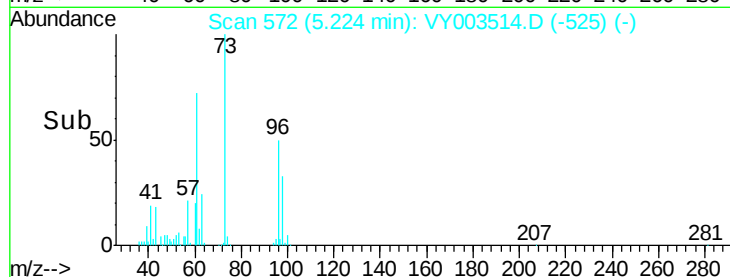
98 66.4 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 56.249 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion: 45 Resp: 325425

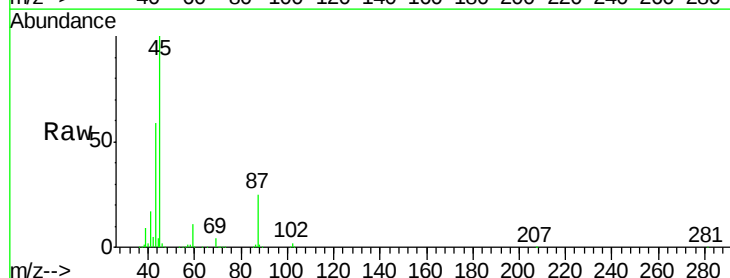
Ion Ratio Lower Upper

45 100

43 58.2 48.8 73.2

87 25.4 20.6 31.0

59 11.3 9.0 13.4

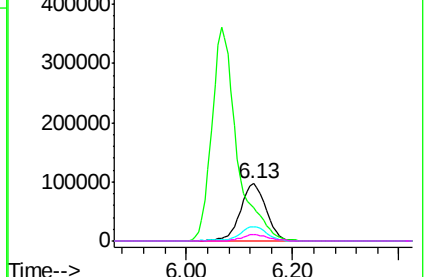
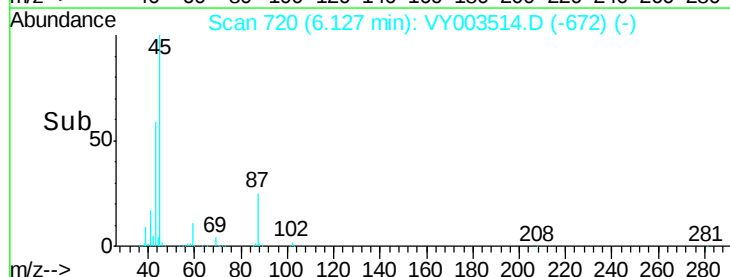


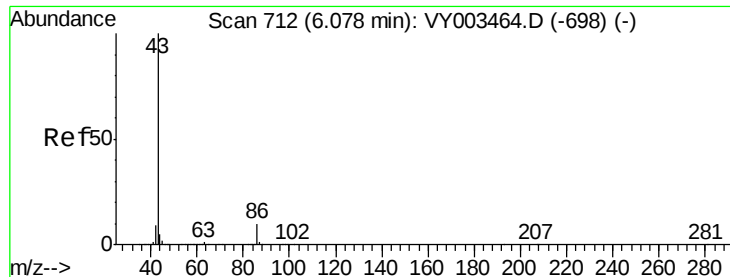
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 272.174 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

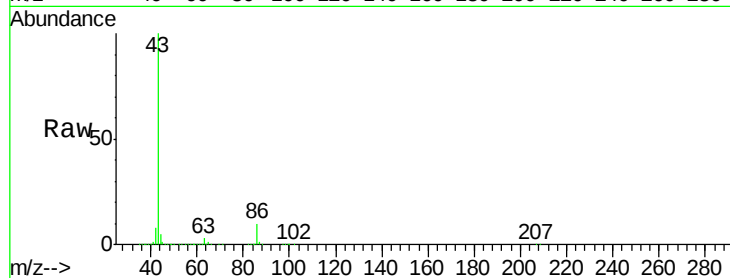
VSTDCCC050EC

Tot Ion: 43 Resp: 1183285

Ion Ratio Lower Upper

43 100

86 9.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

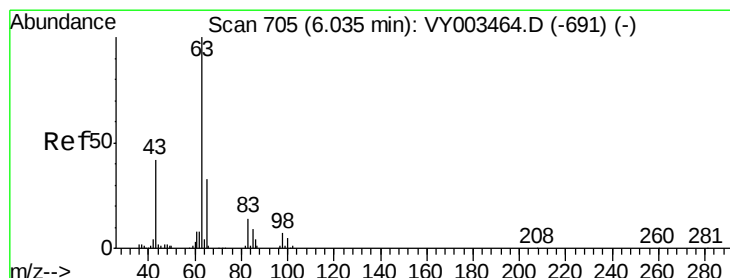
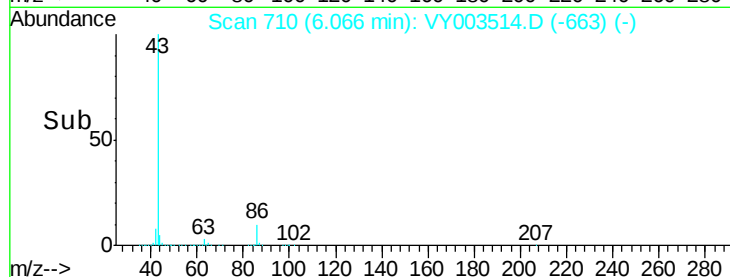
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.480 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

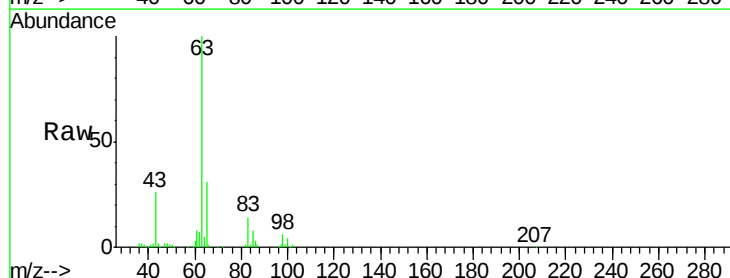
Tgt Ion: 63 Resp: 196612

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

80000

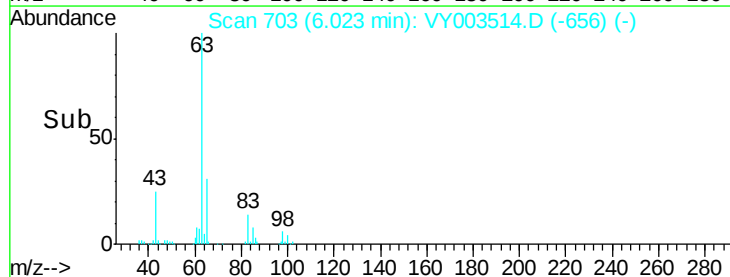
60000

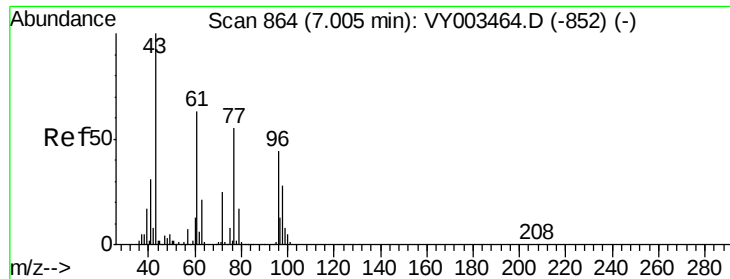
40000

20000

0

Time-->





#25

2-Butanone

Concen: 248.739 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

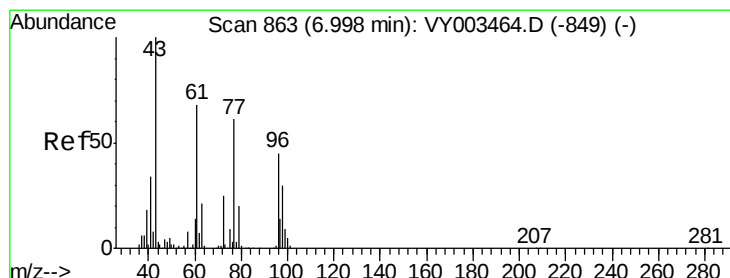
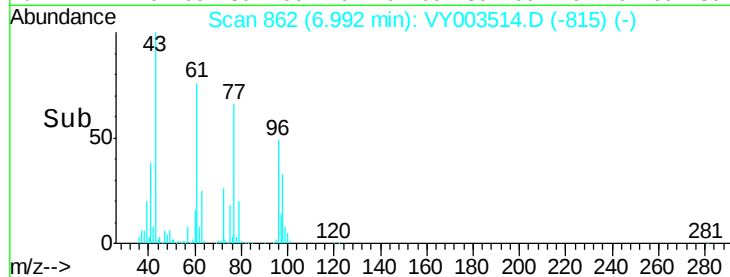
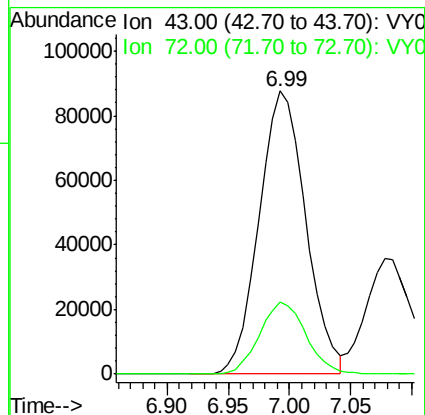
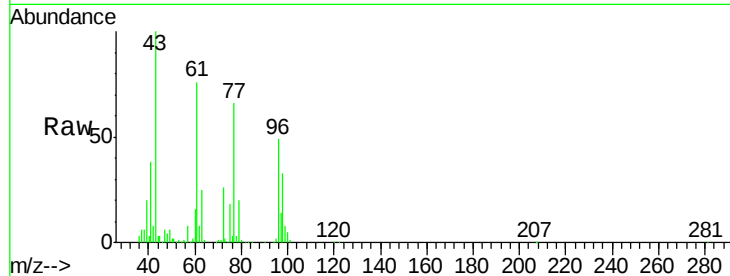
VSTDCCC050EC

Tot Ion: 43 Resp: 233076

Ion Ratio Lower Upper

43 100

72 25.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 51.556 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003514.D

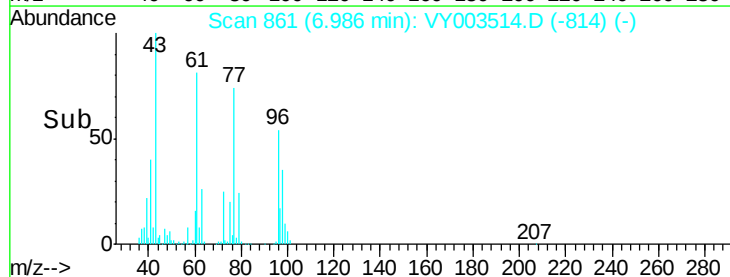
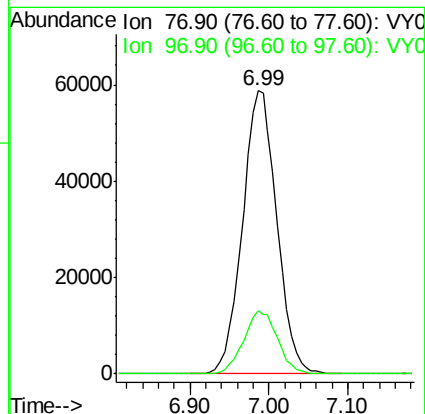
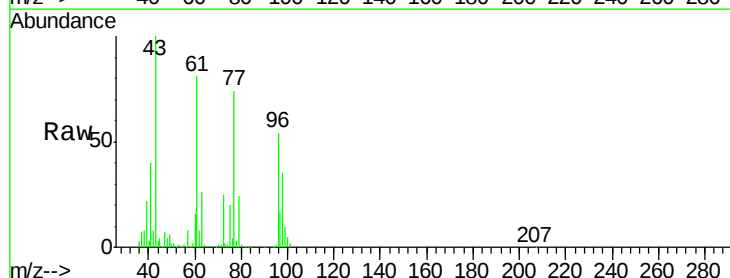
Acq: 04 Nov 2020 17:47

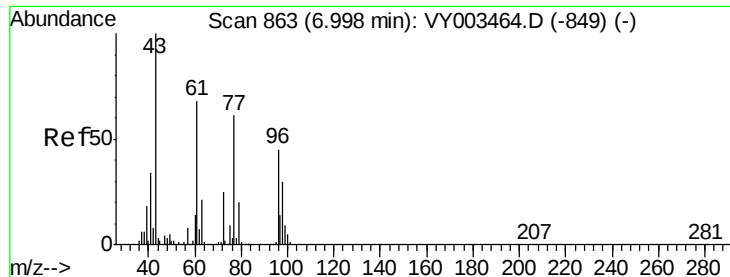
Tgt Ion: 77 Resp: 176582

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6



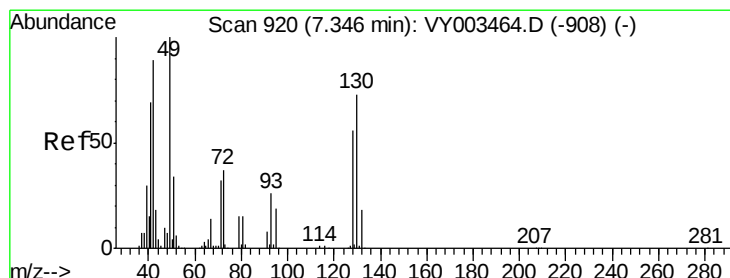
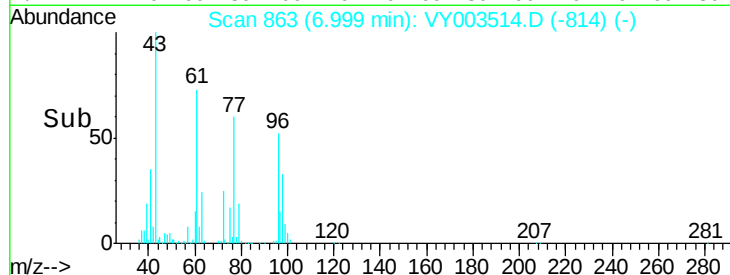
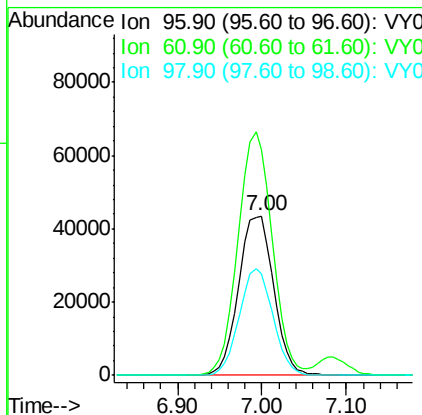
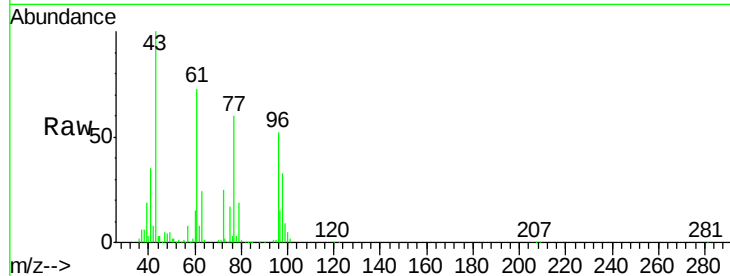


#27

cis-1,2-Dichloroethene
Concen: 54.116 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

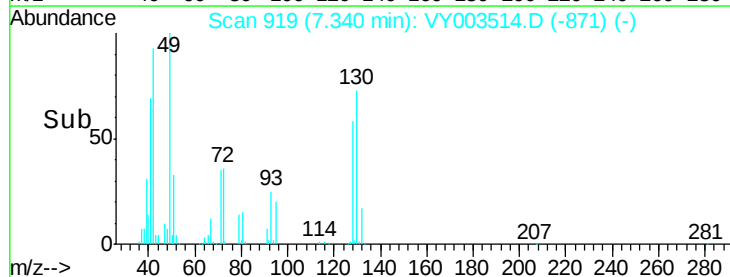
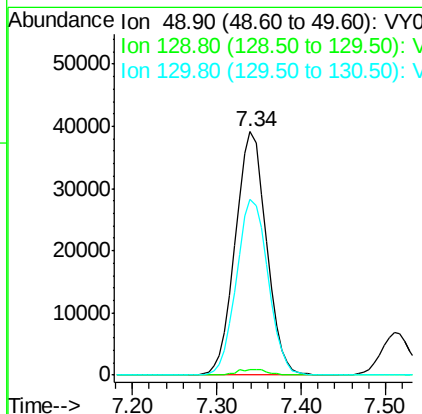
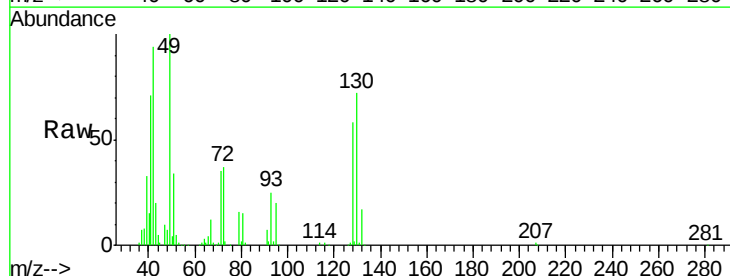
Tot Ion	96	Resp	122760
Ion Ratio	Lower	Upper	
96	100		
61	149.3	0.0	299.2
98	64.1	0.0	128.6

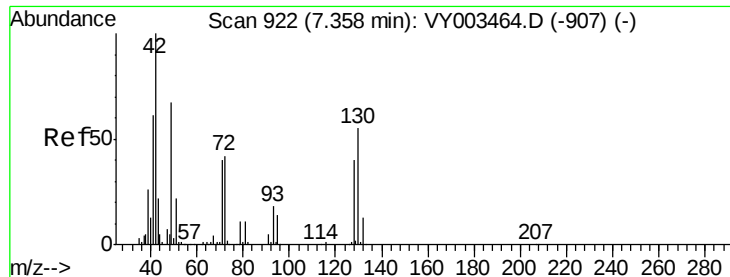


#28

Bromochloromethane
Concen: 52.926 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion	49	Resp	97886
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.2
130	73.4	60.0	90.0

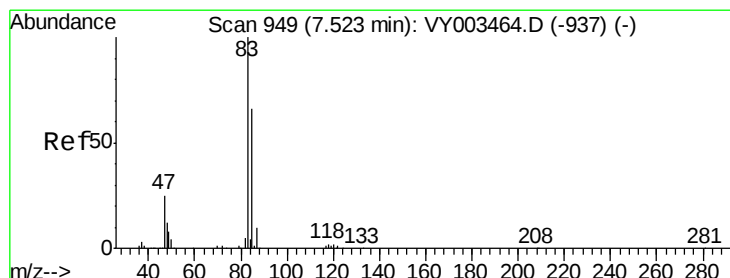
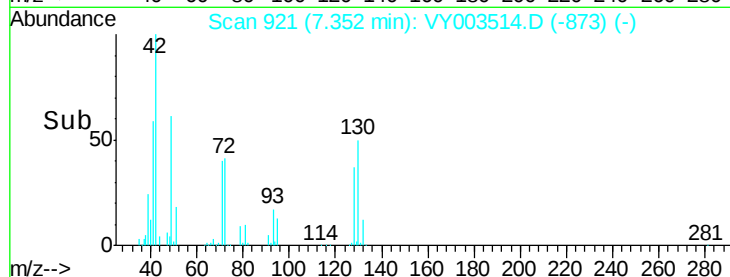
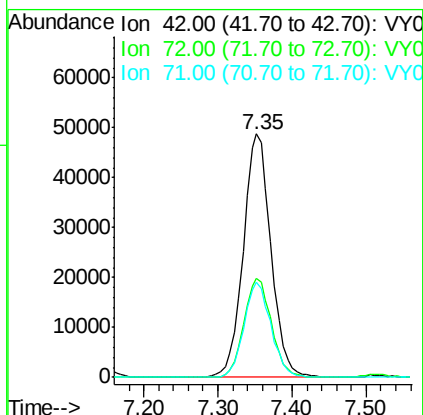
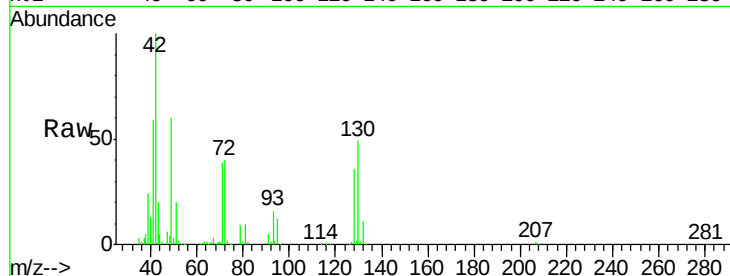




#29
Tetrahydrofuran
Concen: 259.377 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

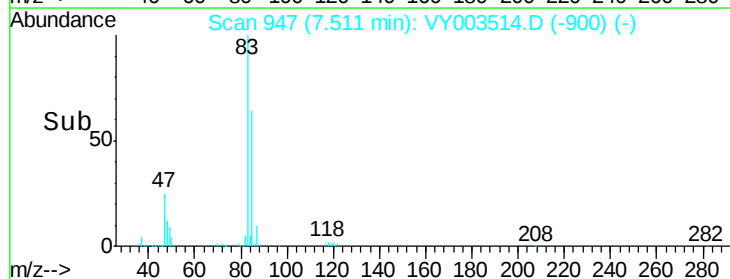
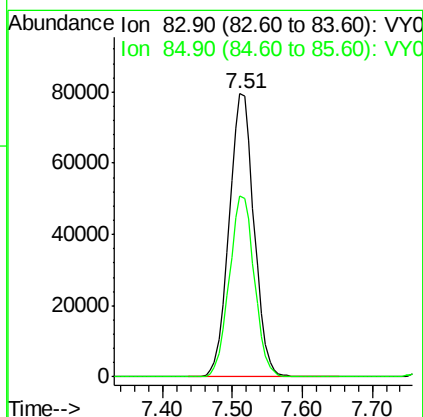
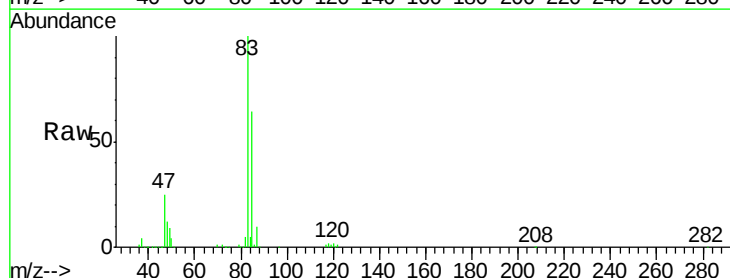
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

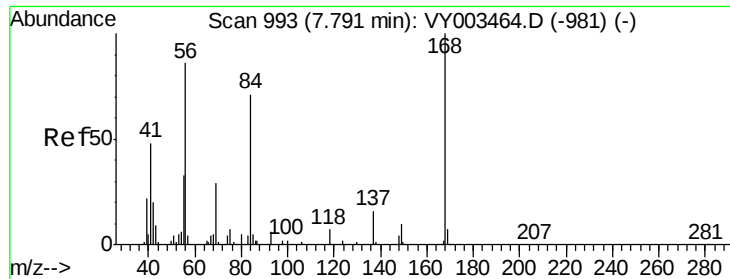
Tot Ion: 42 Resp: 126999
Ion Ratio Lower Upper
42 100
72 40.4 32.8 49.2
71 38.0 30.7 46.1



#30
Chloroform
Concen: 54.364 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 83 Resp: 196306
Ion Ratio Lower Upper
83 100
85 64.0 52.6 79.0

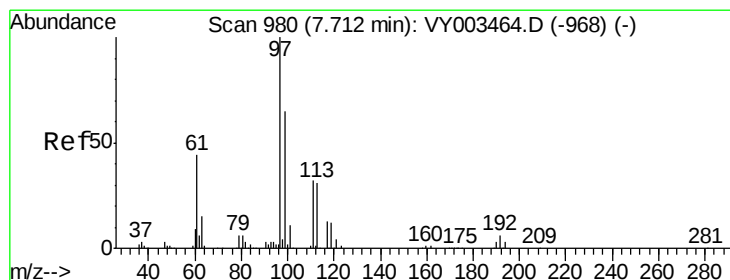
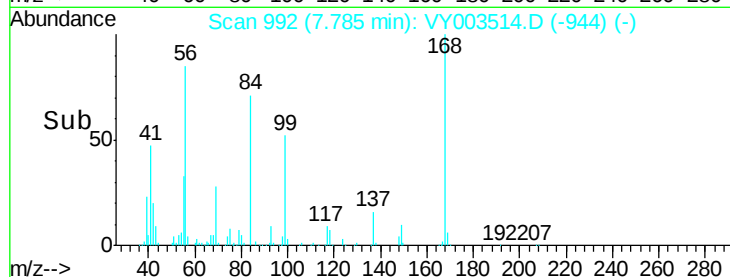
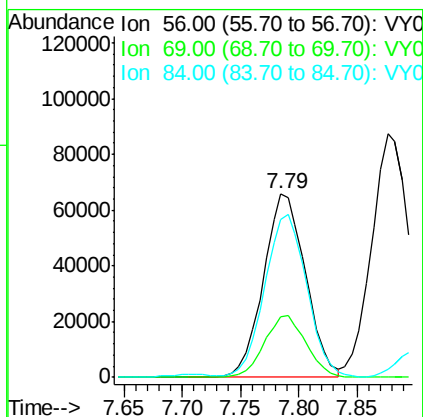
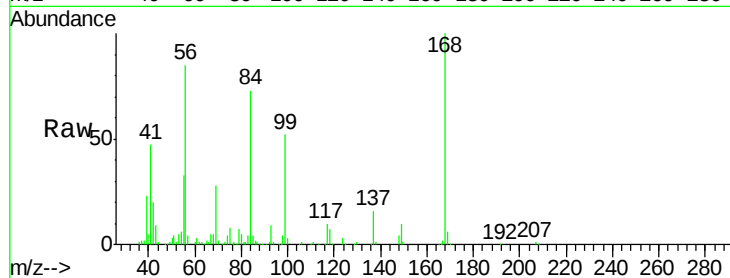




#31
Cvclohexane
Concen: 48.515 ug/l
RT: 7.79 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

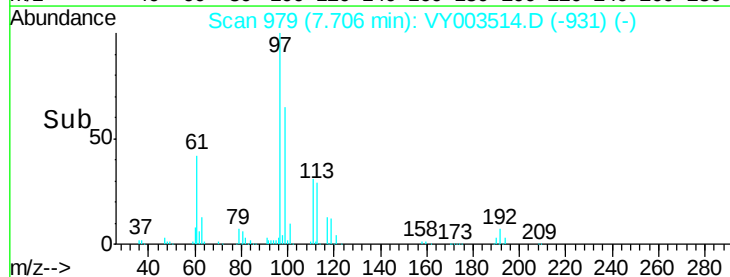
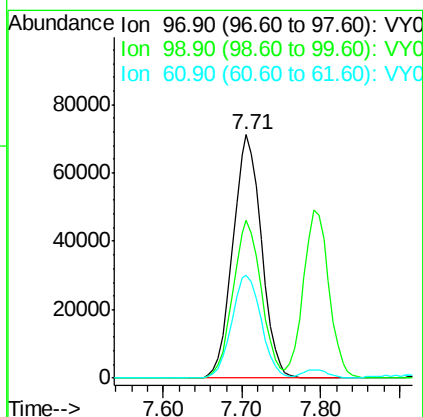
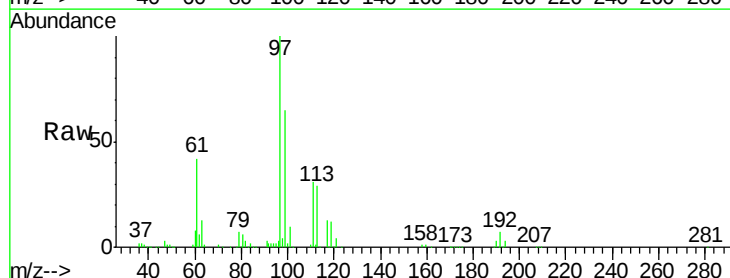
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

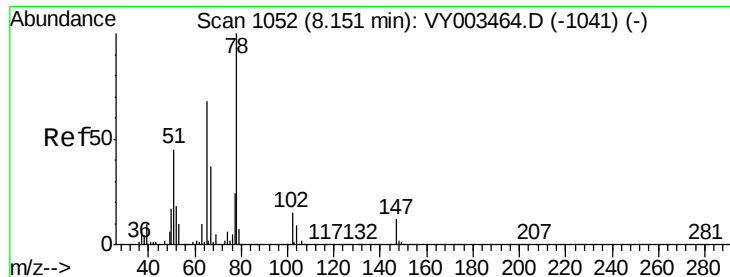
Tot Ion: 56 Resp: 165146
Ion Ratio Lower Upper
56 100
69 33.0 26.6 39.8
84 83.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.283 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 97 Resp: 179493
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 43.6 35.1 52.7

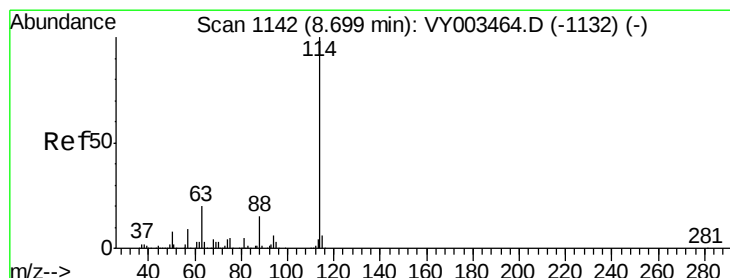
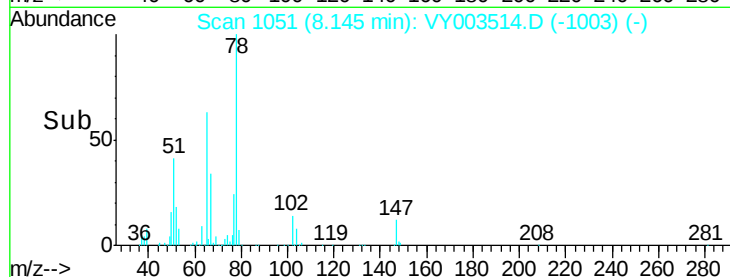
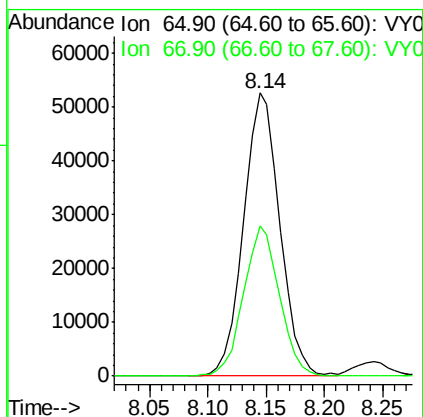
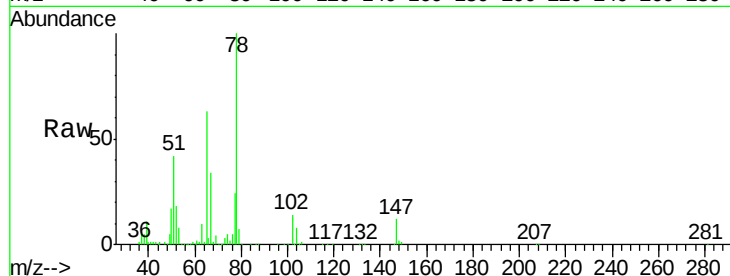




#33
 1,2-Dichloroethane-d4
 Concen: 50.345 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

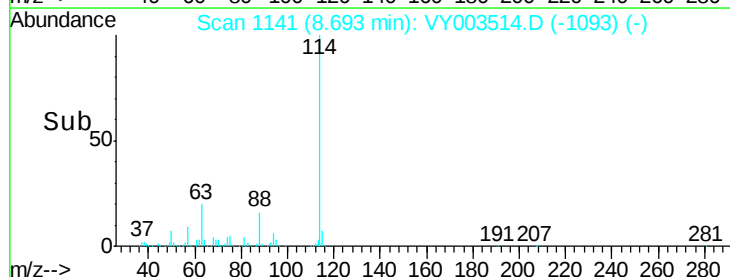
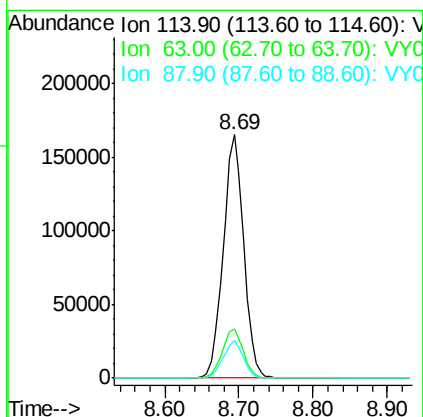
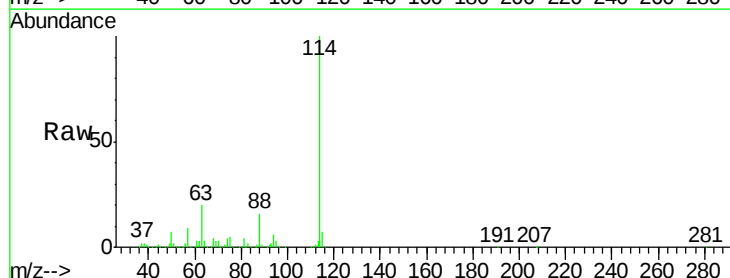
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

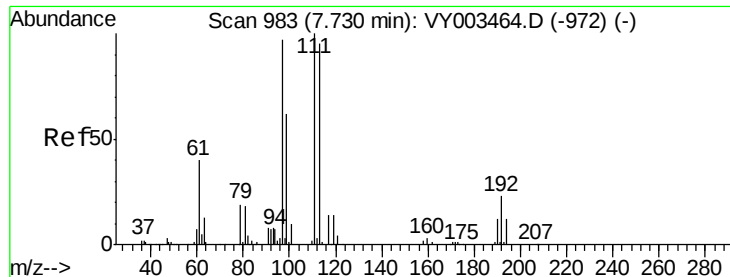
Tot Ion: 65 Resp: 114339
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 114 Resp: 316419
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.6 0.0 29.4

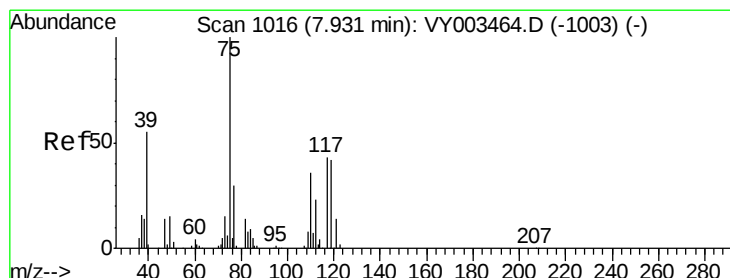
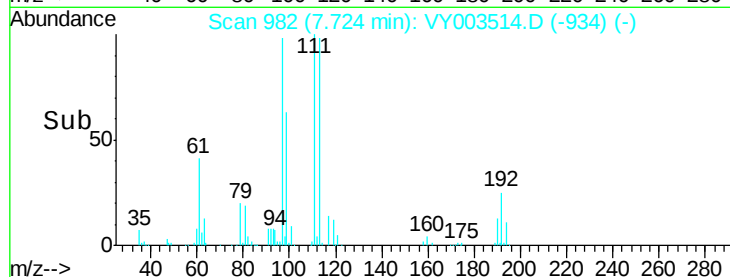
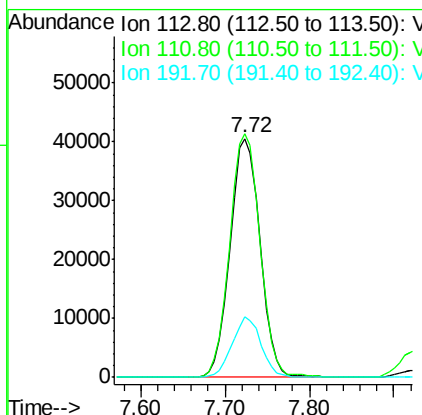
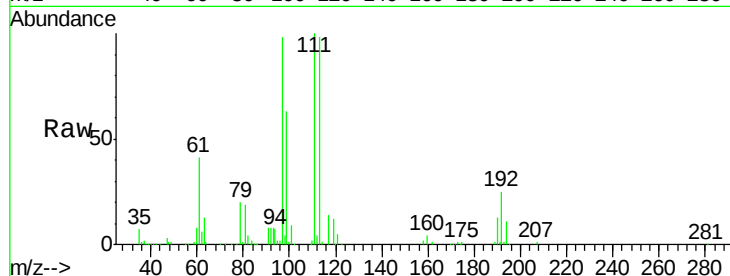




#35
 Dibromofluoromethane
 Concen: 50.746 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

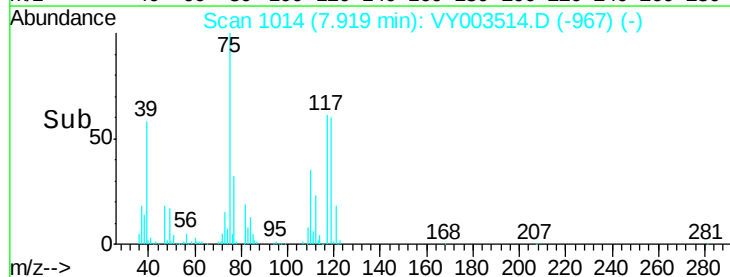
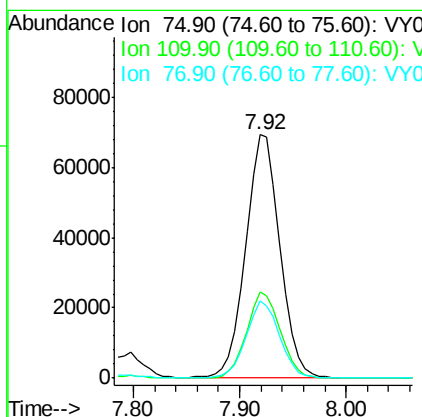
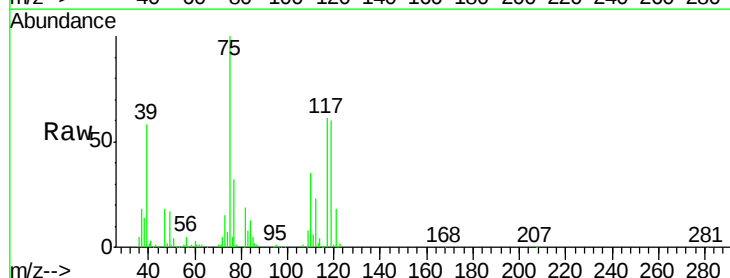
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

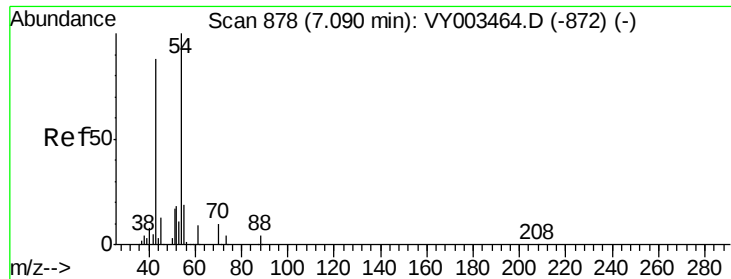
Tot Ion:113 Resp: 97710
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 24.3 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 52.205 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 75 Resp: 155745
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.6 52.9
 77 31.4 24.7 37.1

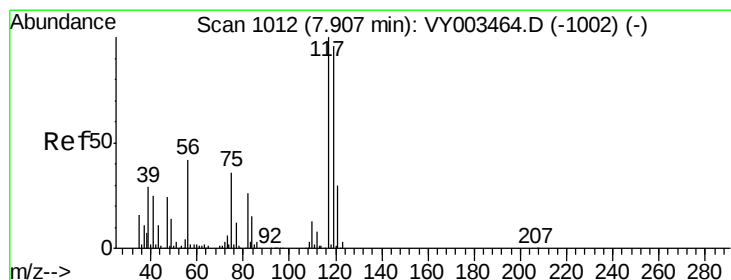
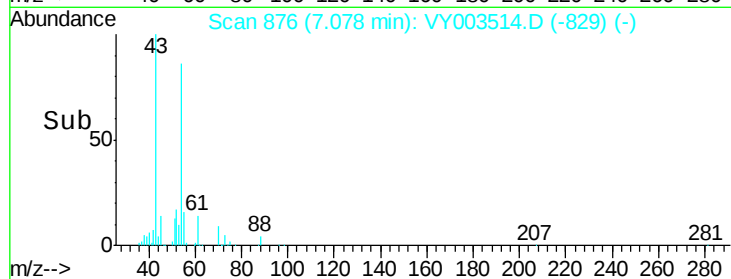
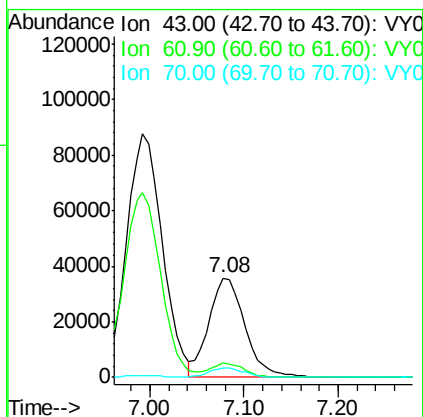
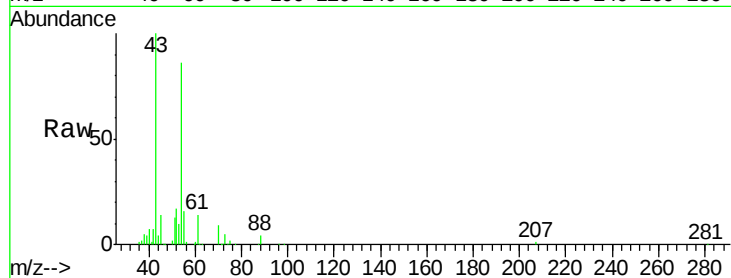




#37
Ethyl Acetate
Concen: 51.344 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

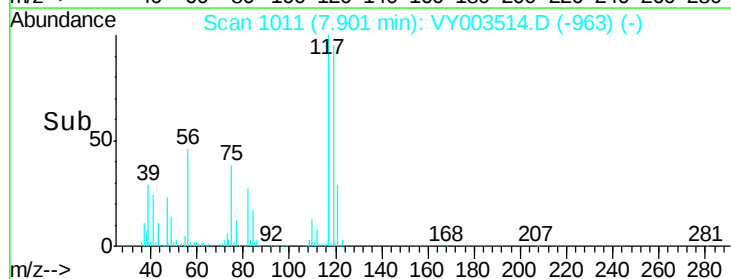
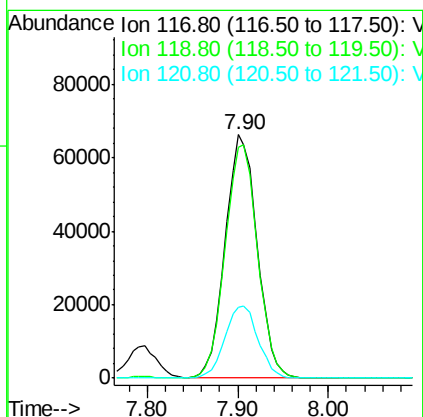
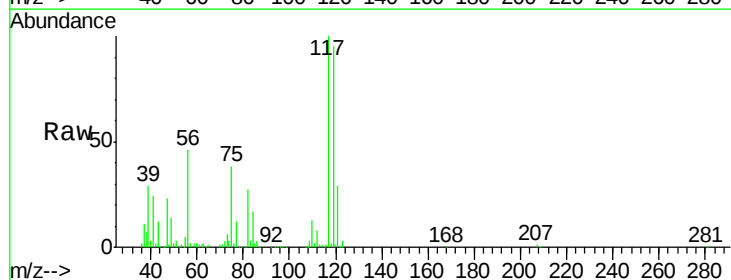
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

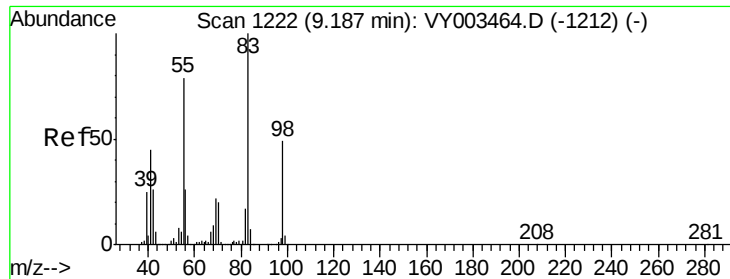
Tot Ion: 43 Resp: 95116
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 9.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.461 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 117 Resp: 162364
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 29.1 24.2 36.4

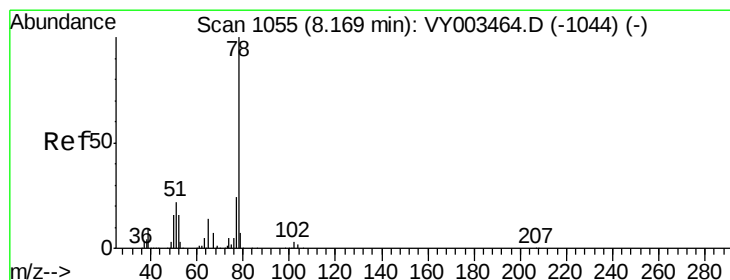
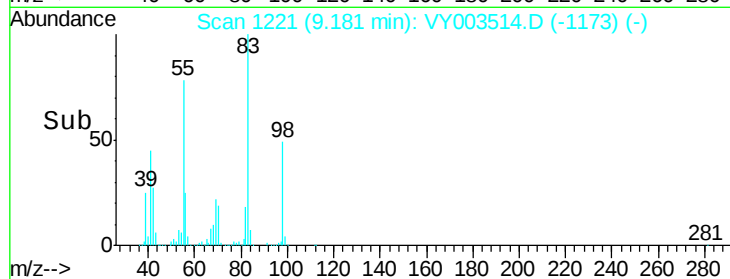
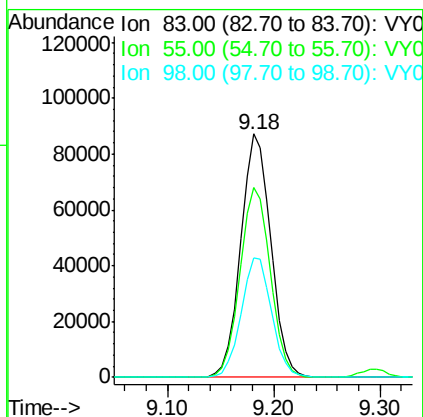
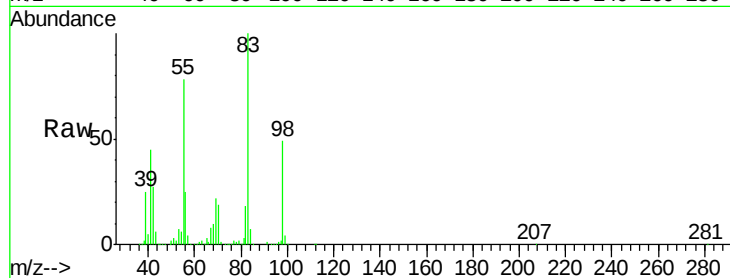




#39
Methylvlcyclohexane
Concen: 52.348 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

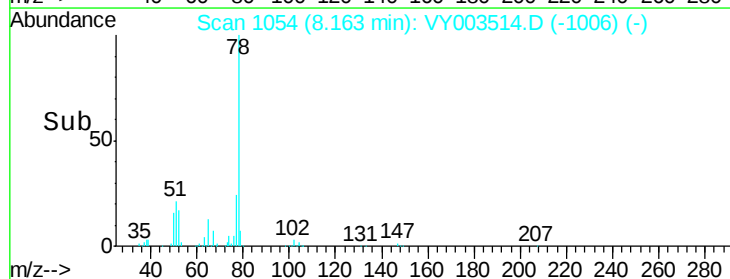
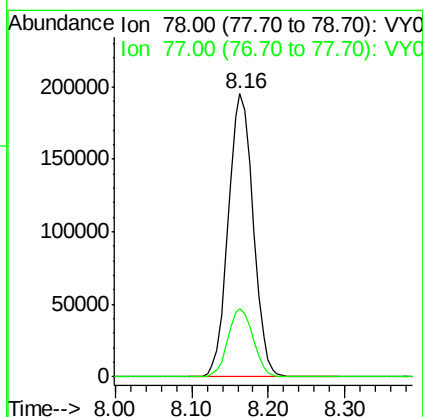
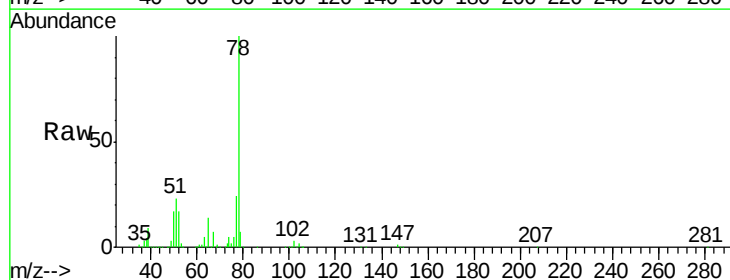
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

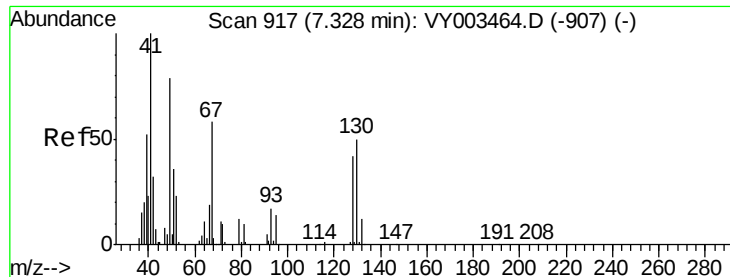
Tot Ion: 83 Resp: 173893
Ion Ratio Lower Upper
83 100
55 77.9 63.5 95.3
98 49.1 39.4 59.2



#40
Benzene
Concen: 52.970 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 78 Resp: 439776
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

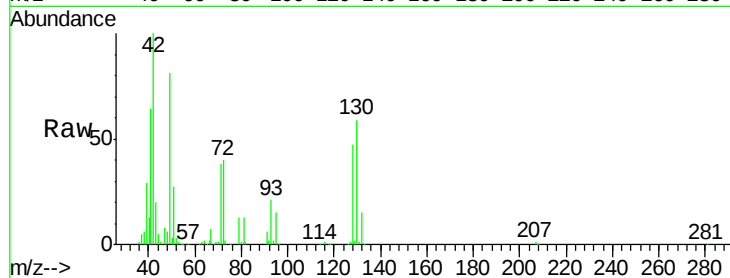




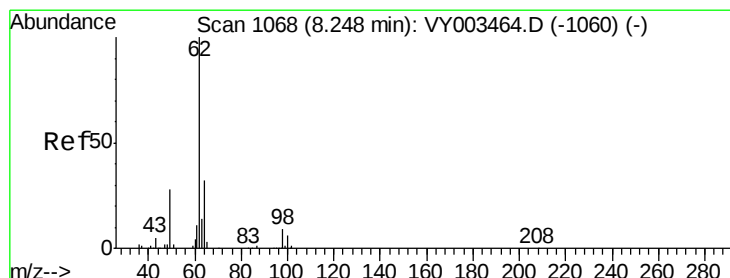
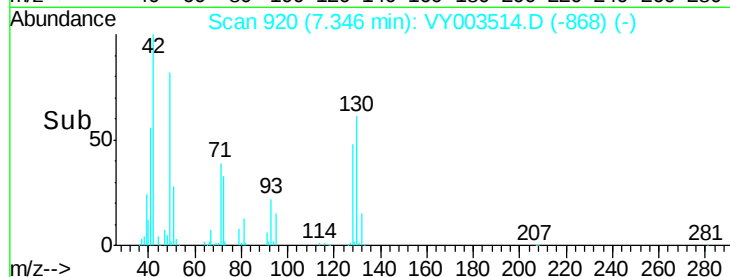
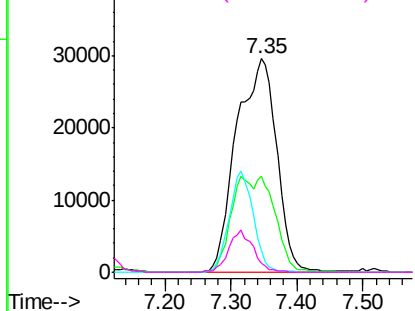
#41
Methacrylonitrile
Concen: 126.217 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	124861
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

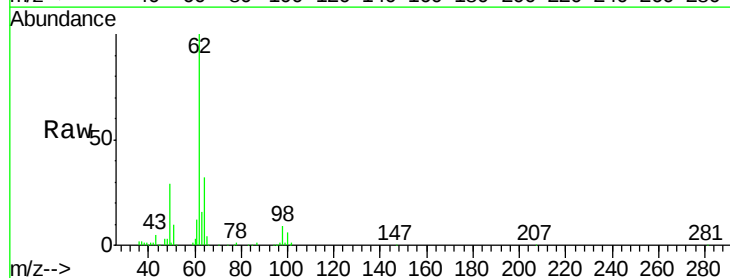


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

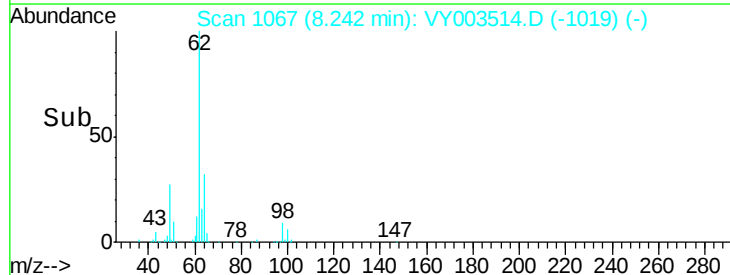
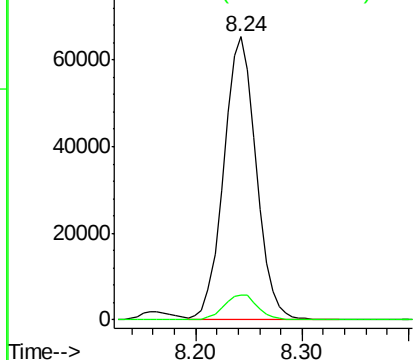


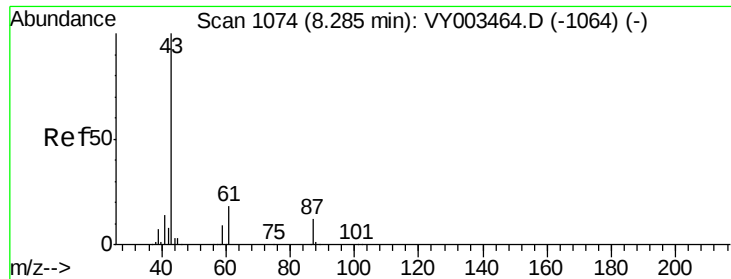
#42
1,2-Dichloroethane
Concen: 53.655 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:	62	Resp:	139579
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2



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

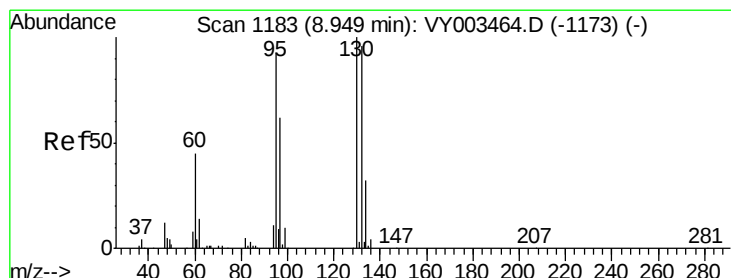
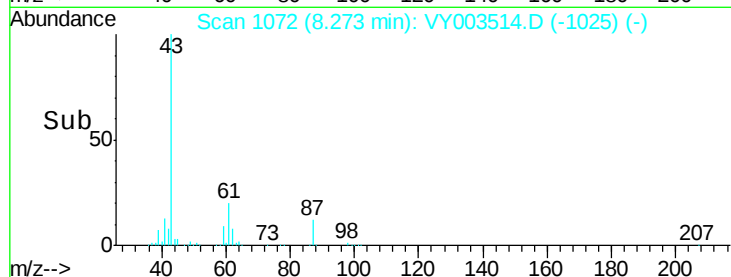
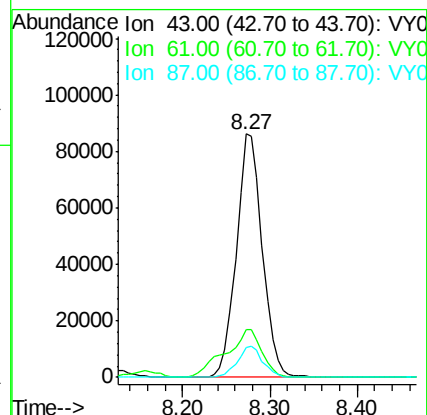
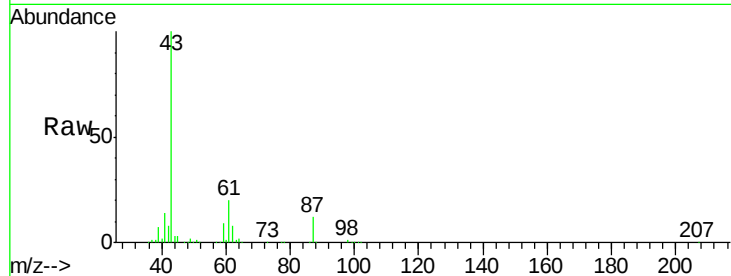




#43
Isopropyl Acetate
Concen: 53.194 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

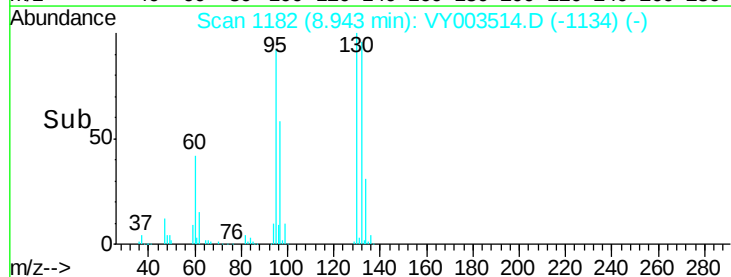
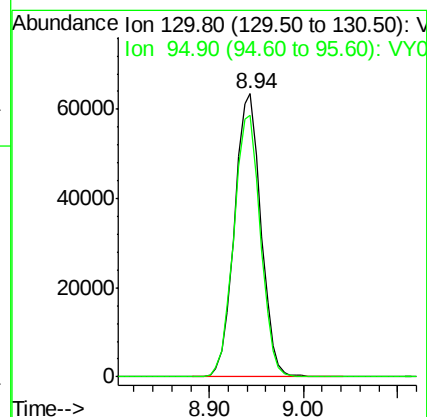
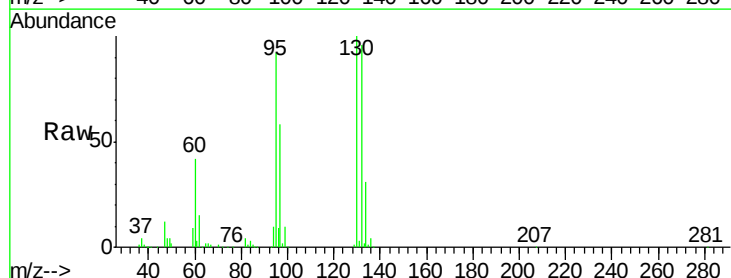
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

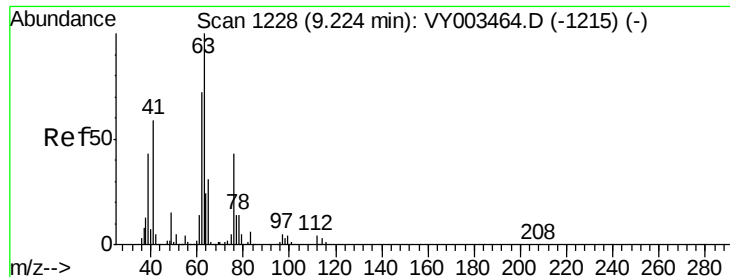
Tot Ion: 43 Resp: 177101
Ion Ratio Lower Upper
43 100
61 27.9 21.9 32.9
87 12.6 10.0 15.0



#44
Trichloroethene
Concen: 53.007 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 130 Resp: 123545
Ion Ratio Lower Upper
130 100
95 92.3 0.0 186.6





#45

1,2-Dichloropropane

Concen: 54.798 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

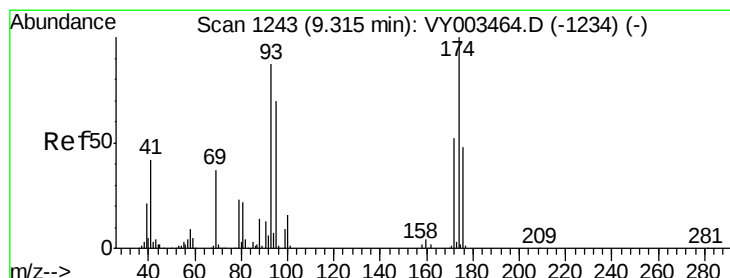
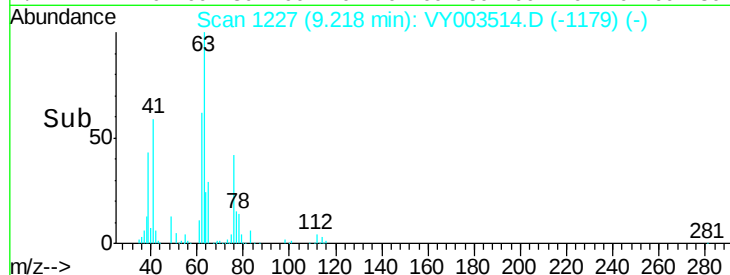
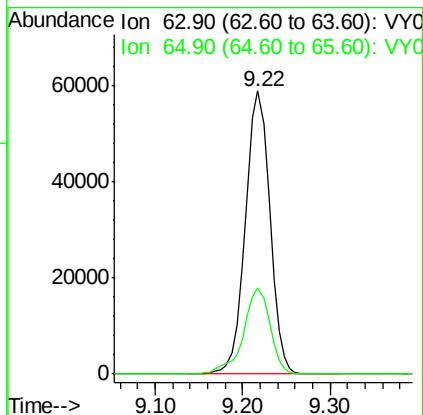
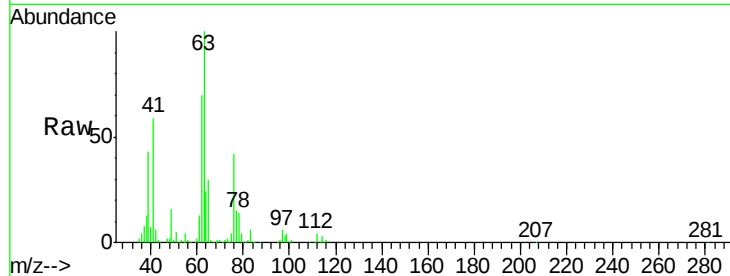
VSTDCCC050EC

Tot Ion: 63 Resp: 114891

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 54.288 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

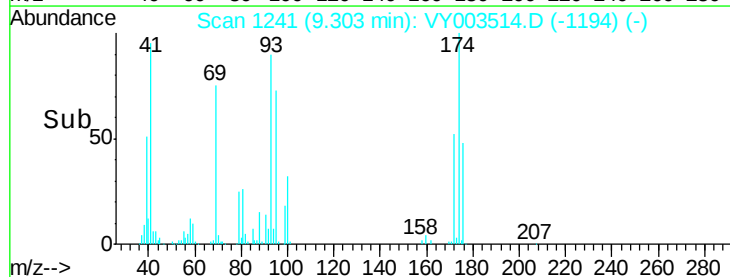
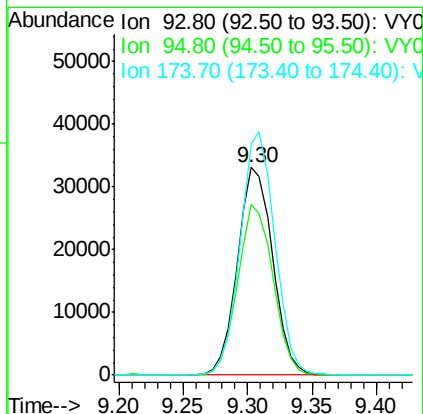
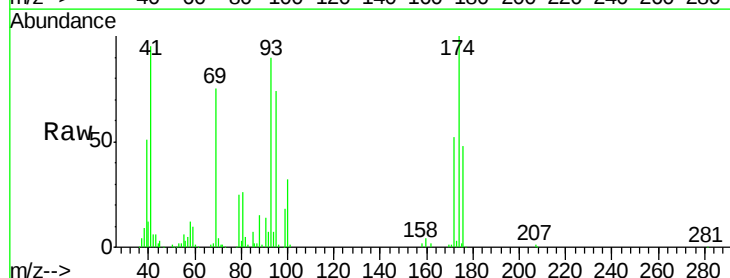
Tgt Ion: 93 Resp: 62621

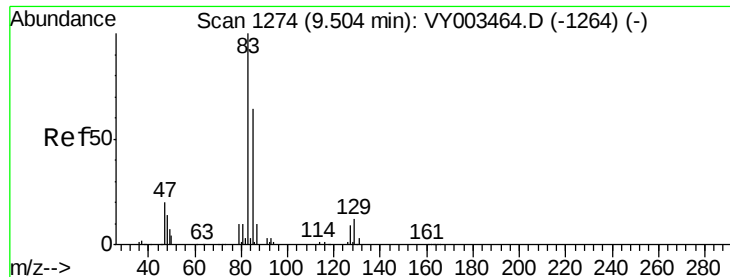
Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.6

174 115.4 91.8 137.6





#47

Bromodichloromethane

Concen: 55.774 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

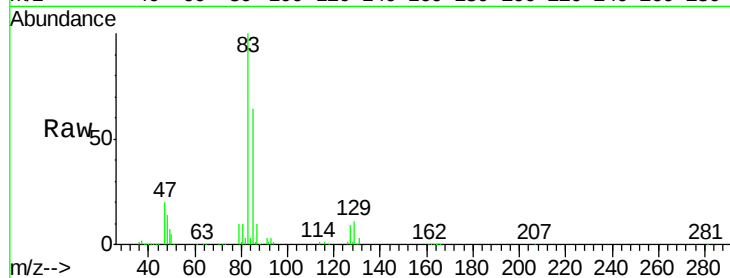
Tot Ion: 83 Resp: 157464

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

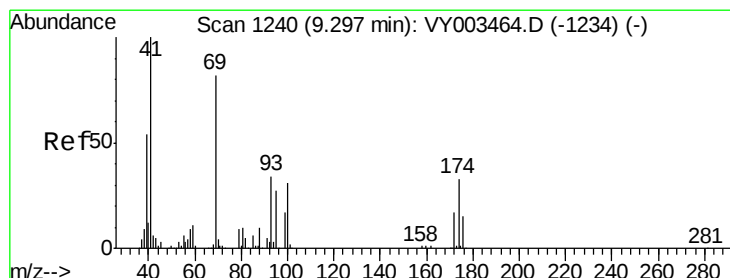
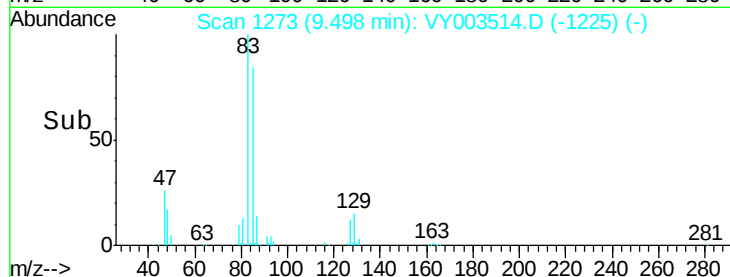
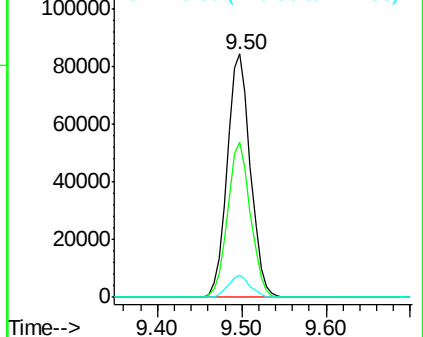
127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.008 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

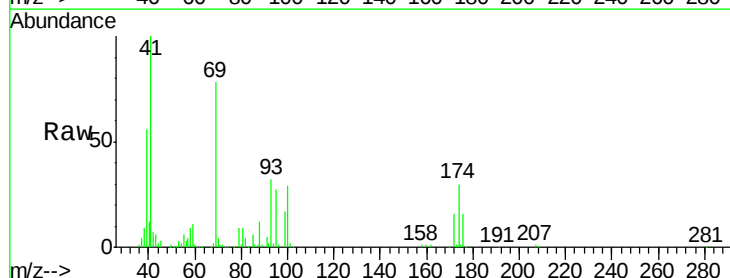
Tgt Ion: 41 Resp: 83133

Ion Ratio Lower Upper

41 100

69 83.3 65.9 98.9

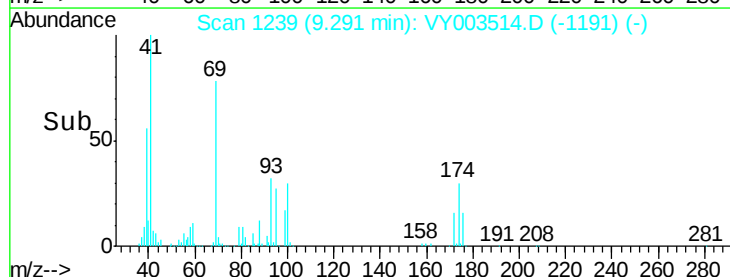
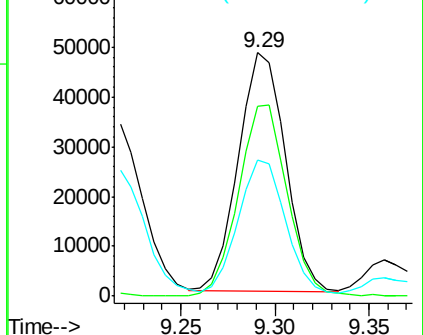
39 58.5 43.2 64.8

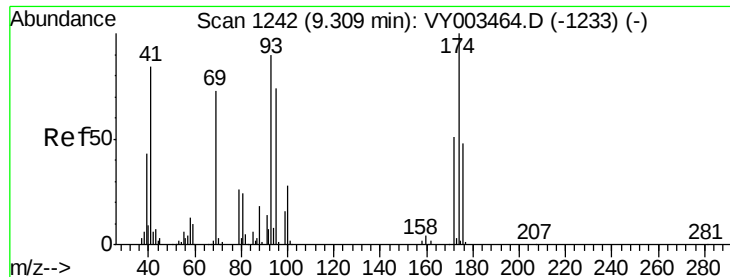


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1064.850 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

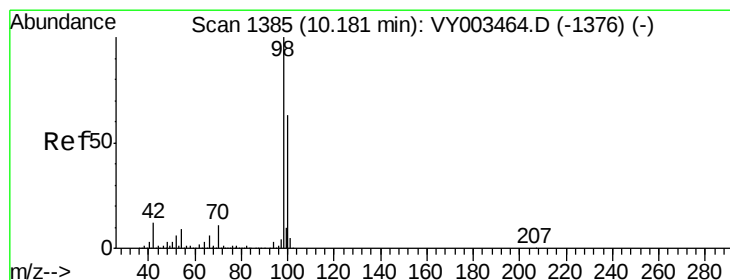
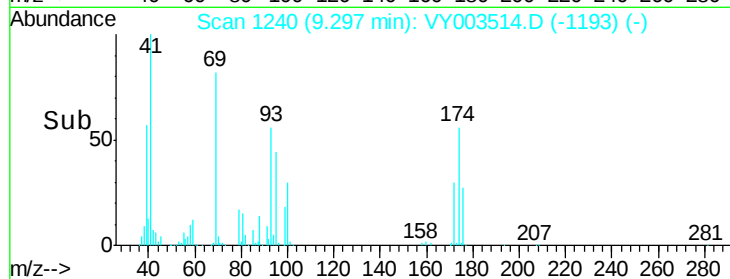
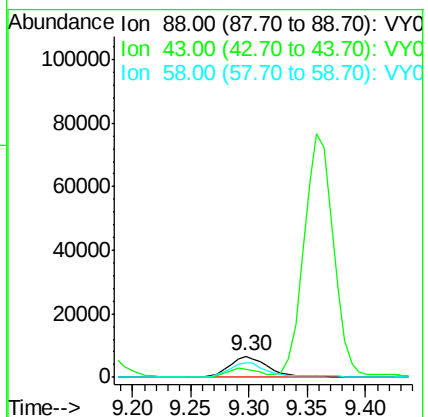
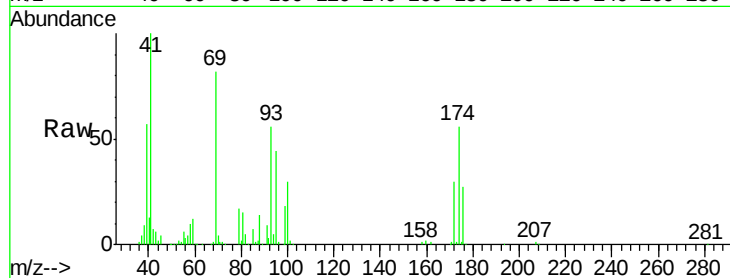
Tot Ion: 88 Resp: 15326

Ion Ratio Lower Upper

88 100

43 35.6 27.6 41.4

58 67.3 54.2 81.2



#50

Toluene-d8

Concen: 49.519 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003514.D

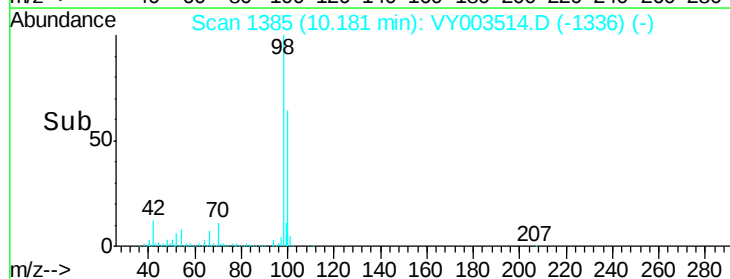
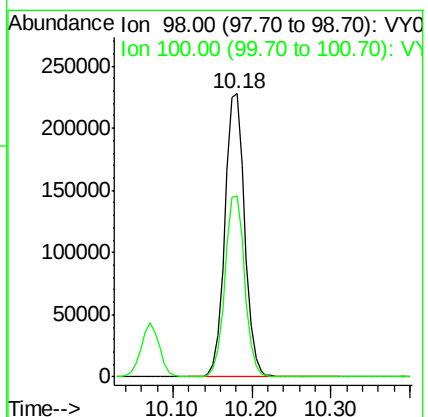
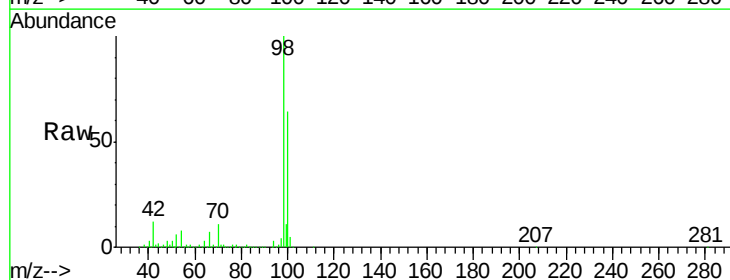
Acq: 04 Nov 2020 17:47

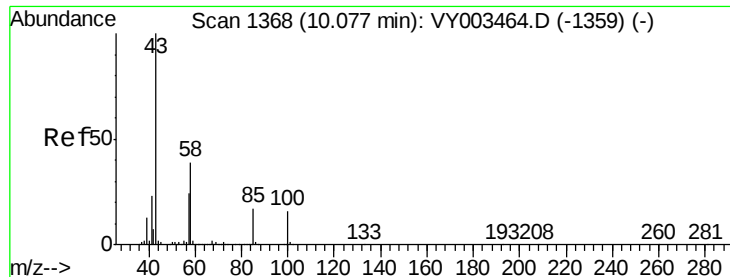
Tgt Ion: 98 Resp: 396659

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 267.521 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

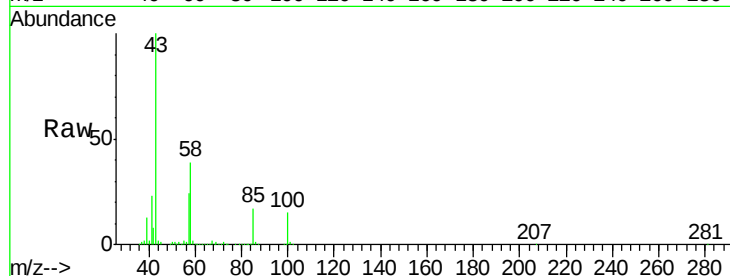
VSTDCCC050EC

Tot Ion: 43 Resp: 474542

Ion Ratio Lower Upper

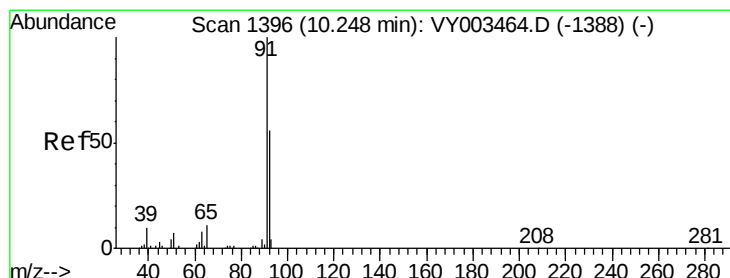
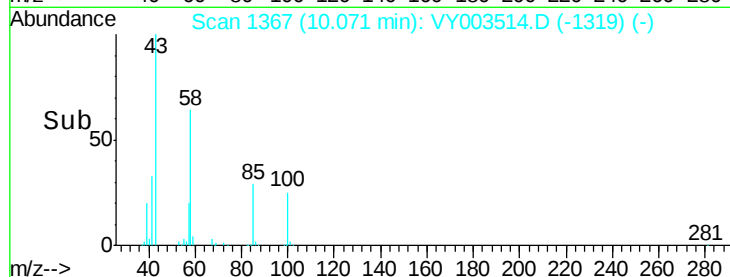
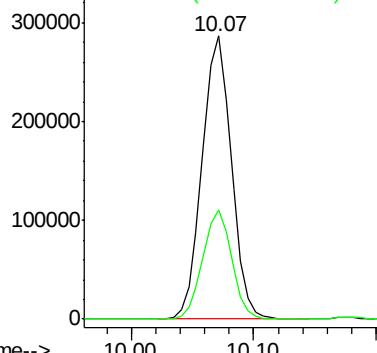
43 100

58 38.1 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 54.146 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003514.D

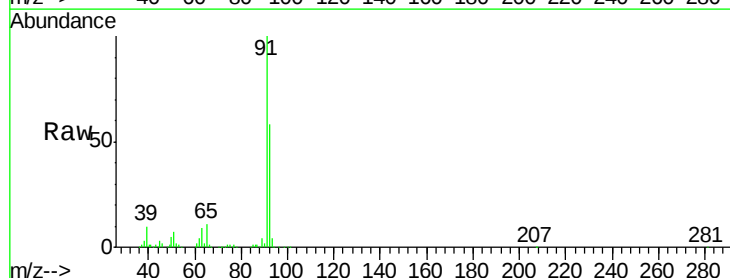
Acq: 04 Nov 2020 17:47

Tgt Ion: 92 Resp: 281170

Ion Ratio Lower Upper

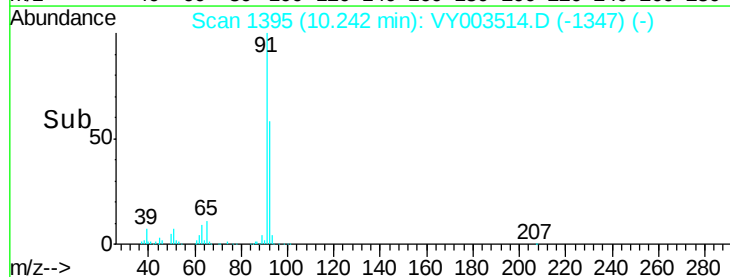
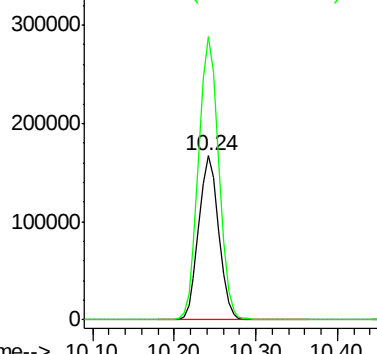
92 100

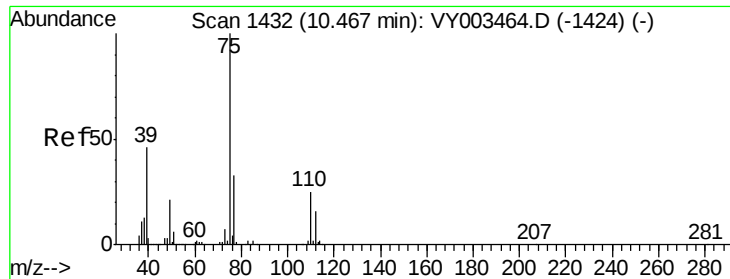
91 174.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 55.017 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

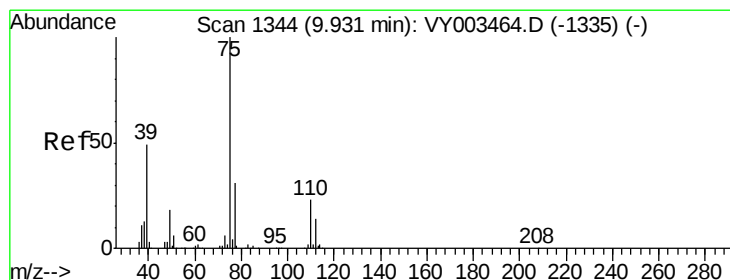
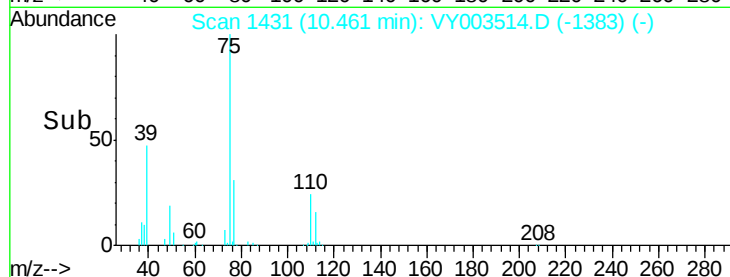
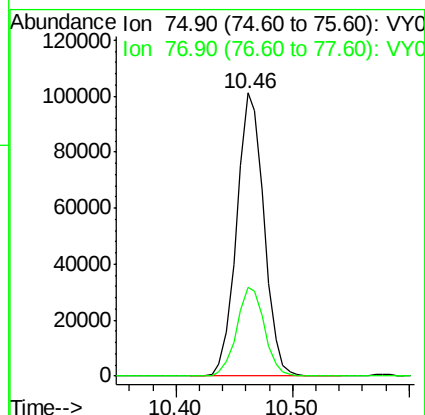
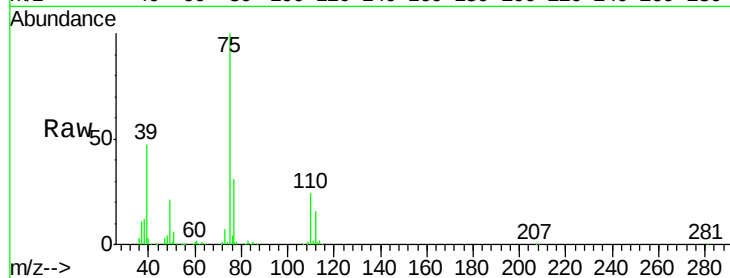
VSTDCCC050EC

Tot Ion: 75 Resp: 165300

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 54.867 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

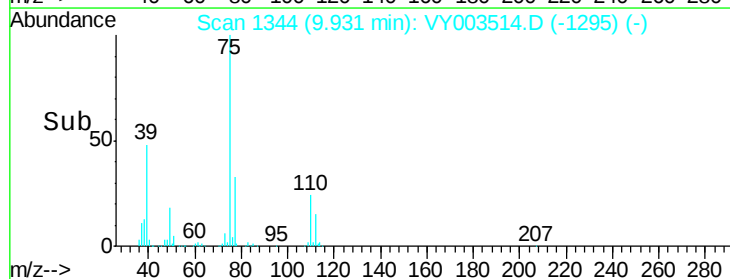
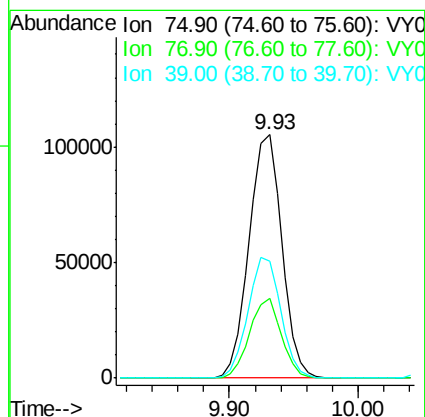
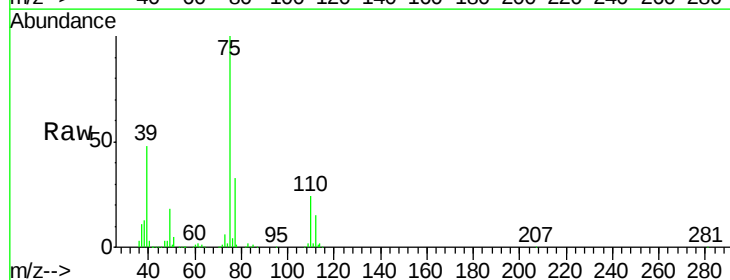
Tgt Ion: 75 Resp: 185504

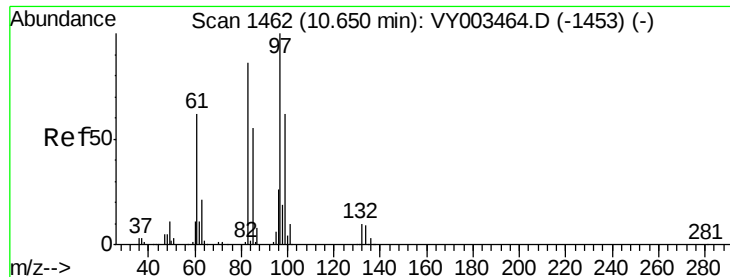
Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7

39 47.9 39.0 58.4

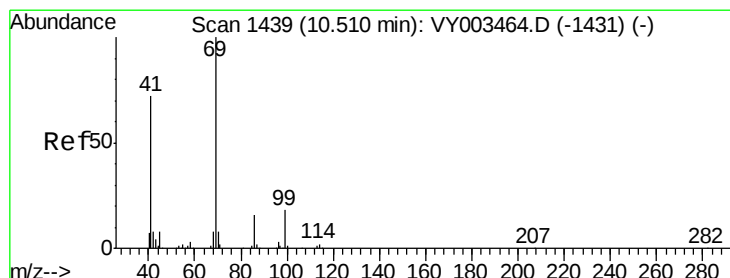
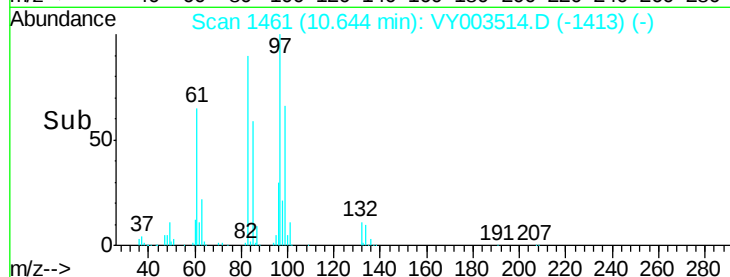
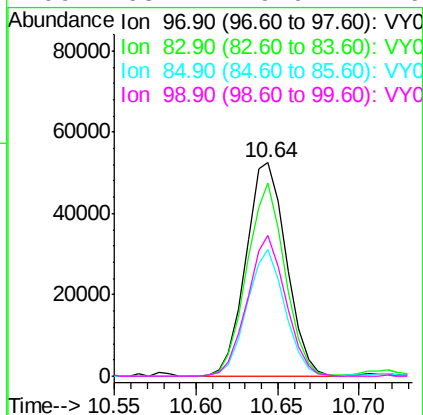
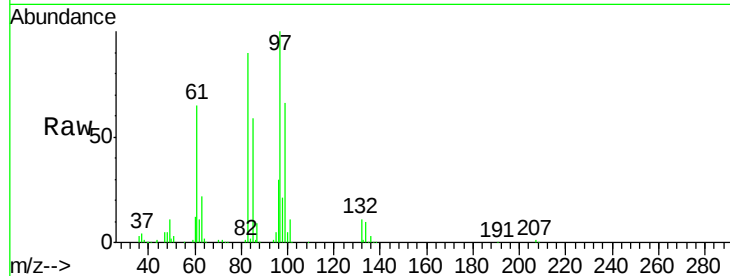




#55
 1,1,2-Trichloroethane
 Concen: 55.251 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

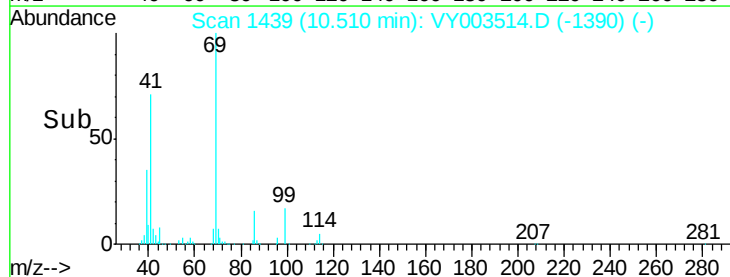
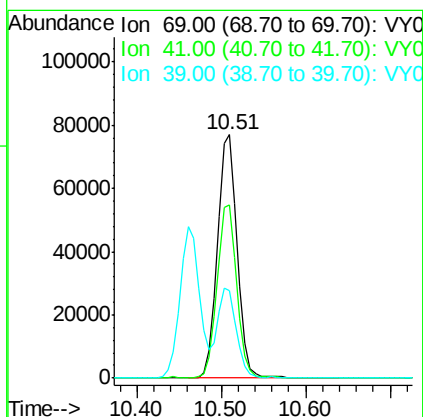
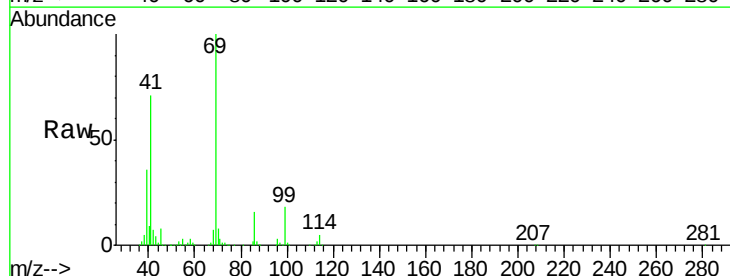
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

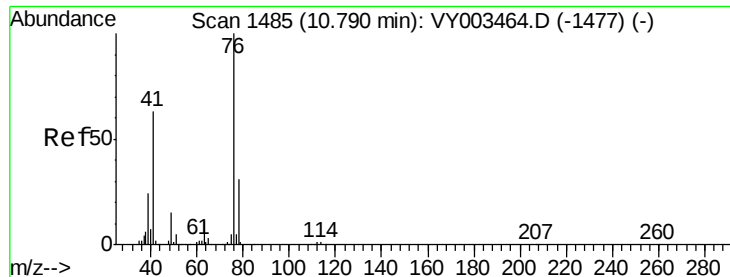
Tot Ion: 97 Resp: 90469
 Ion Ratio Lower Upper
 97 100
 83 90.4 68.6 102.8
 85 59.4 43.8 65.6
 99 65.7 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 56.911 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 69 Resp: 124818
 Ion Ratio Lower Upper
 69 100
 41 70.6 55.4 83.2
 39 35.8 28.7 43.1





#57

1,3-Dichloropropane

Concen: 55.311 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

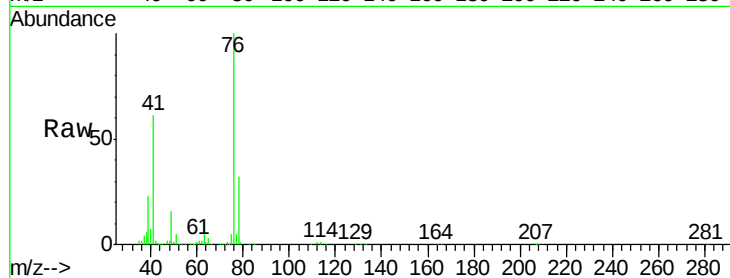
VSTDCCC050EC

Tot Ion: 76 Resp: 157481

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

10.79

80000

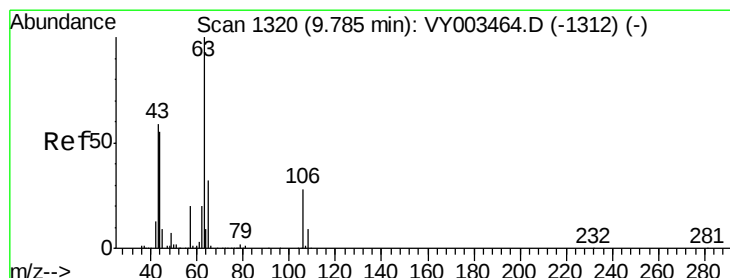
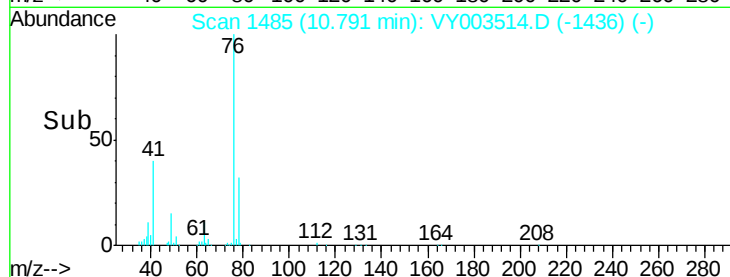
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.104 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003514.D

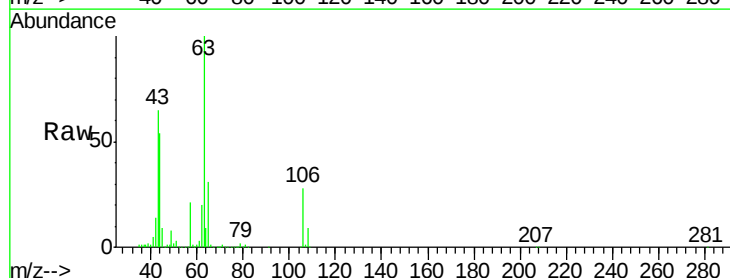
Acq: 04 Nov 2020 17:47

Tgt Ion: 63 Resp: 296976

Ion Ratio Lower Upper

63 100

106 27.6 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

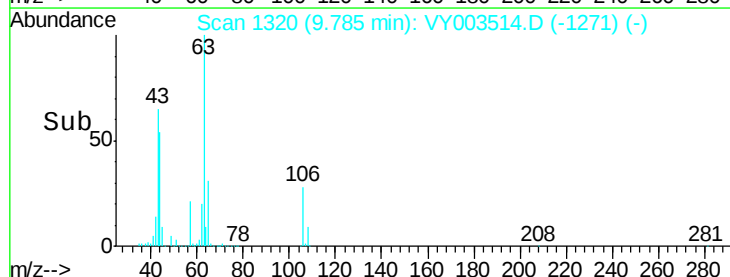
150000

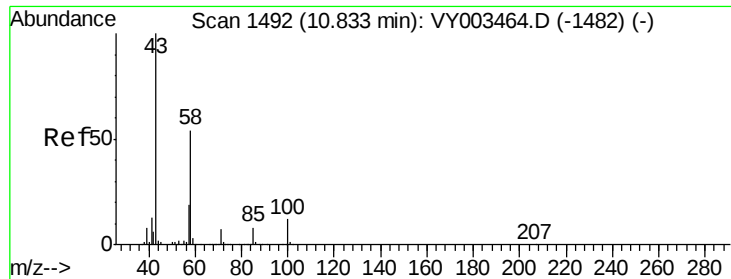
100000

50000

0

Time-->

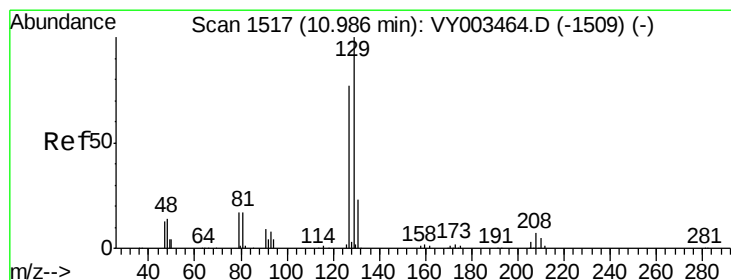
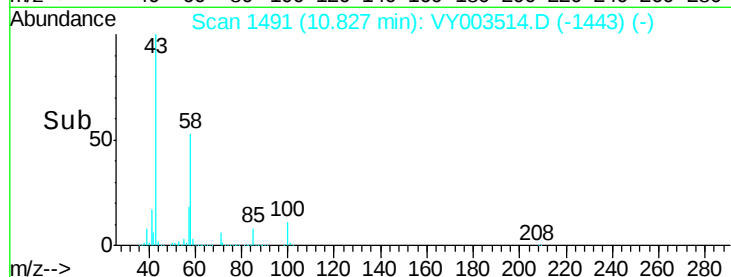
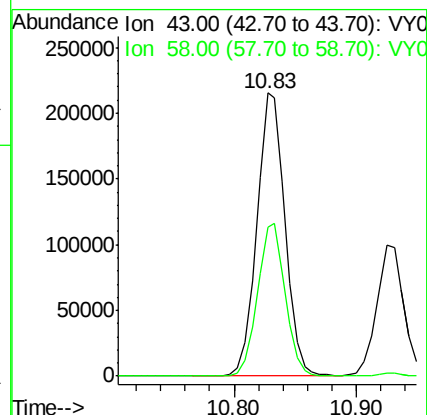
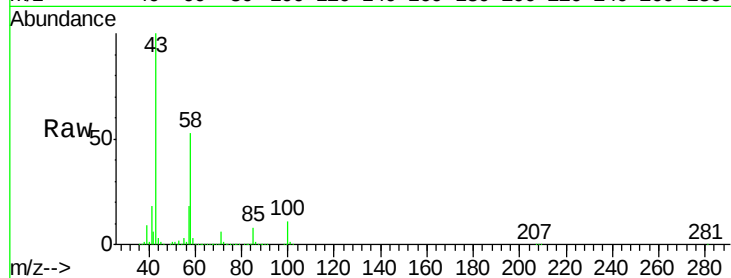




#59
2-Hexanone
Concen: 262.901 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

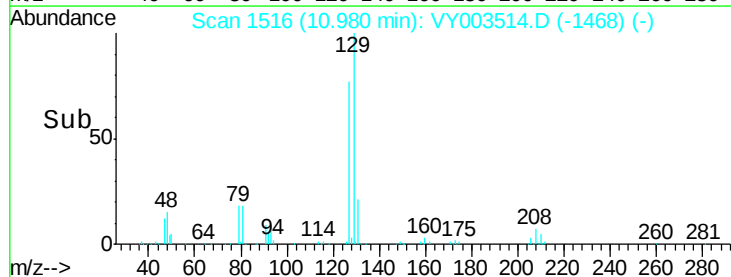
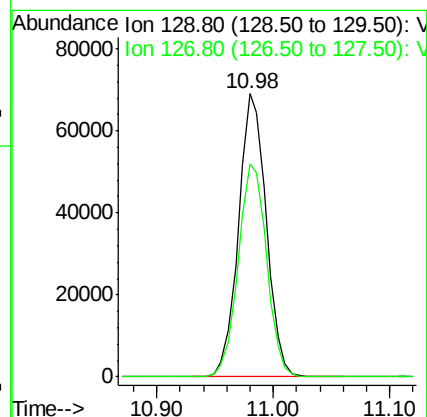
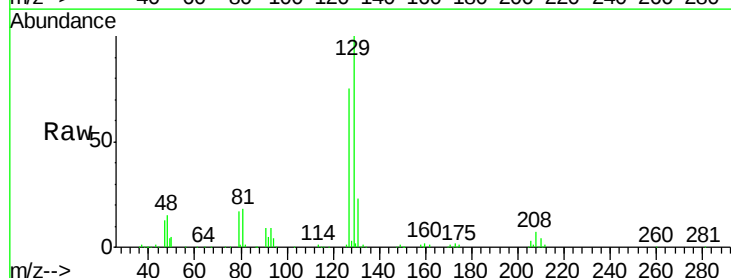
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

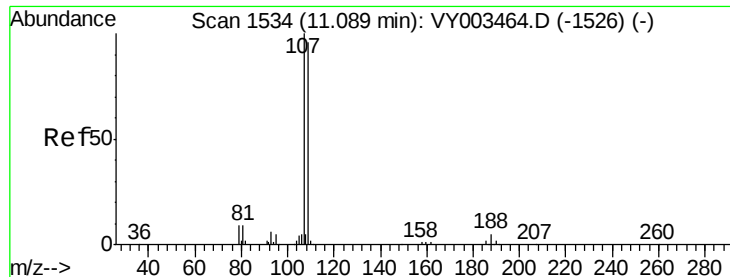
Tot Ion: 43 Resp: 345286
Ion Ratio Lower Upper
43 100
58 53.1 26.8 80.3



#60
Dibromochloromethane
Concen: 56.943 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 129 Resp: 114599
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

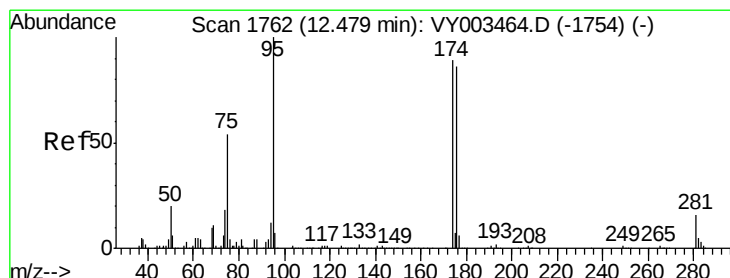
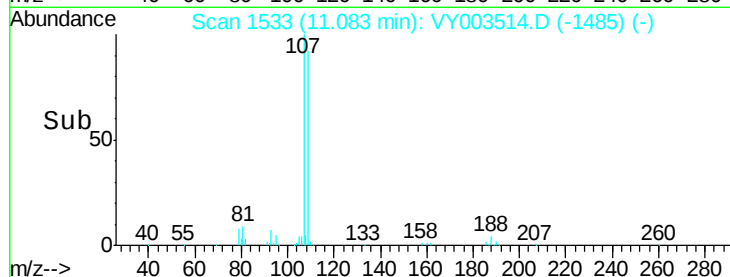
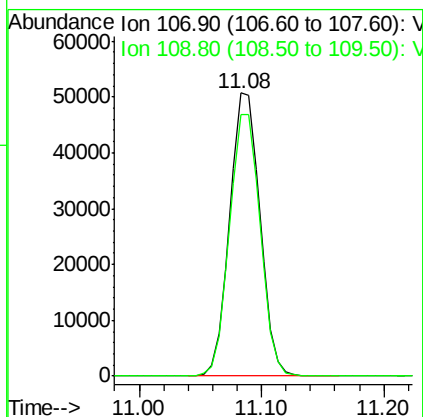
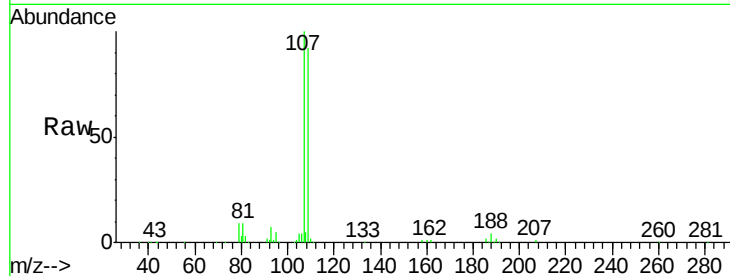




#61
 1,2-Dibromoethane
 Concen: 54.933 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

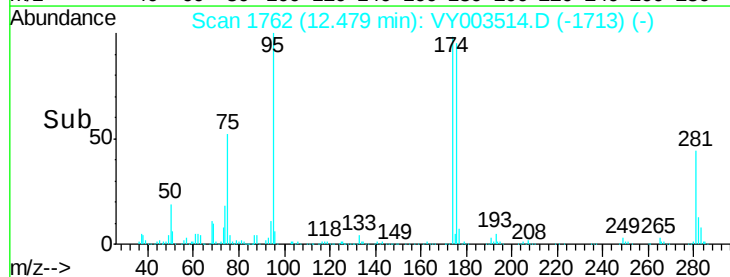
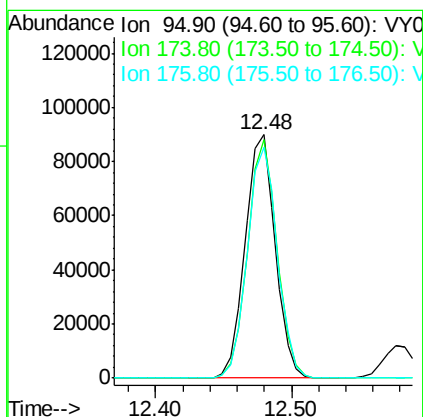
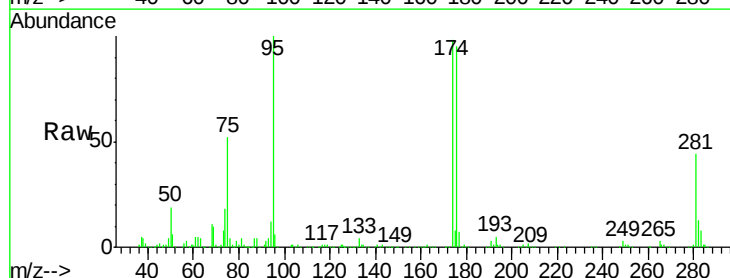
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

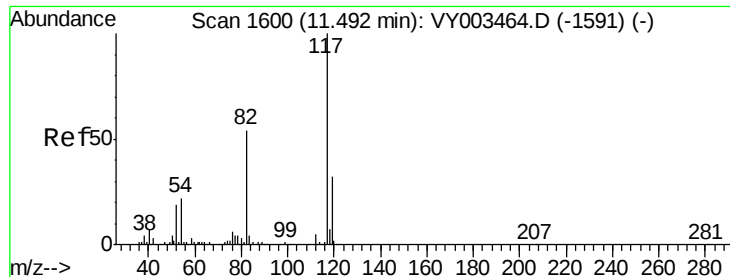
Tot Ion: 107 Resp: 86839
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 52.471 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 95 Resp: 139260
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 193.0
 176 94.9 0.0 187.4

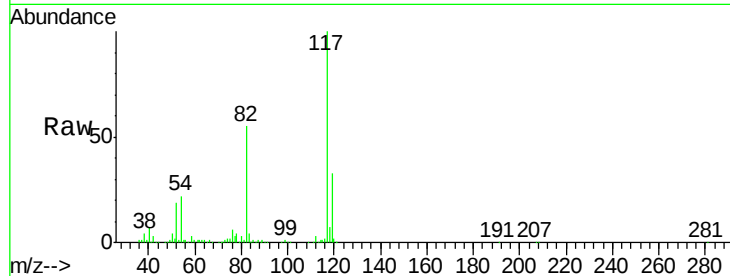




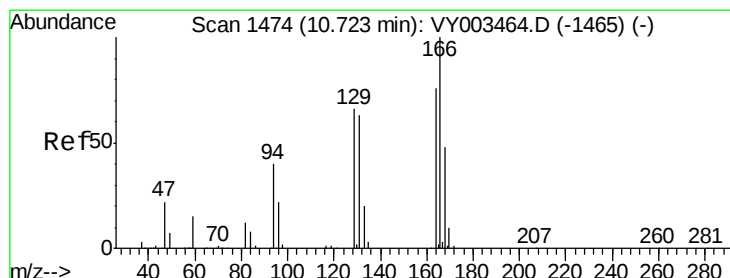
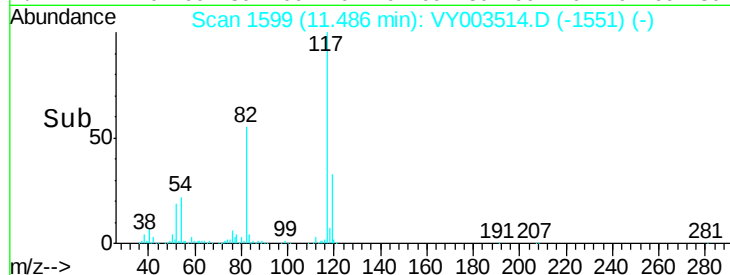
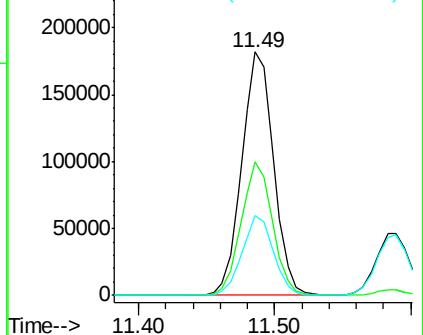
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 296542
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.2
119 32.6 25.8 38.6

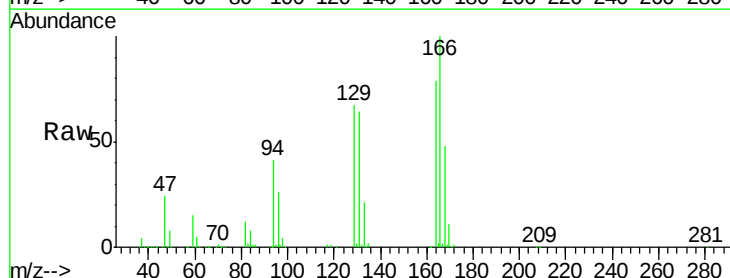


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

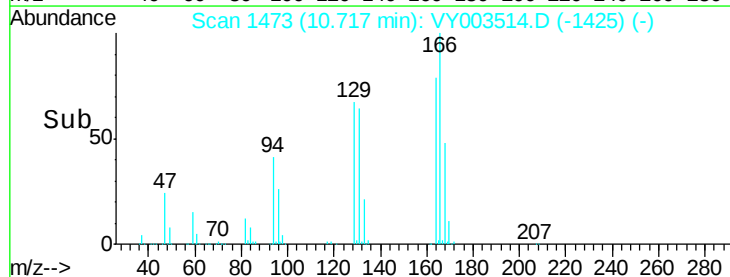
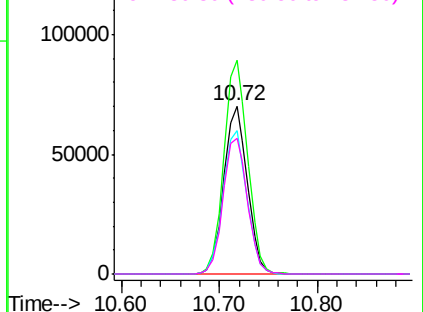


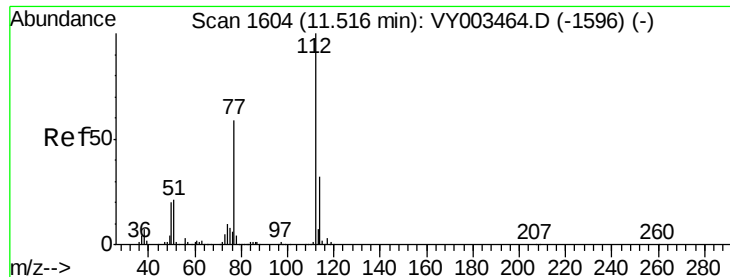
#64
Tetrachloroethene
Concen: 52.720 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:164 Resp: 116755
Ion Ratio Lower Upper
164 100
166 126.9 104.9 157.3
129 84.8 68.9 103.3
131 80.8 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: 53.369 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

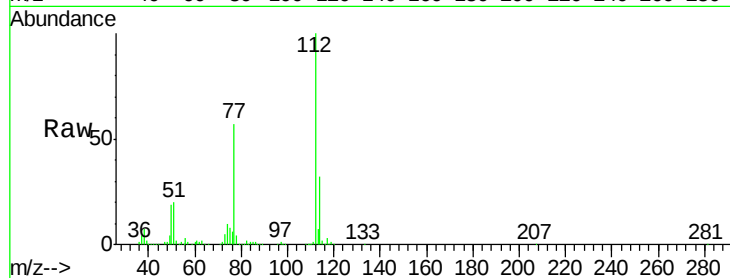
VSTDCCC050EC

Tot Ion:112 Resp: 307464

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

200000

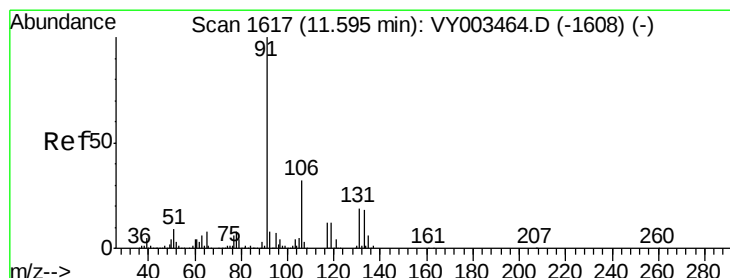
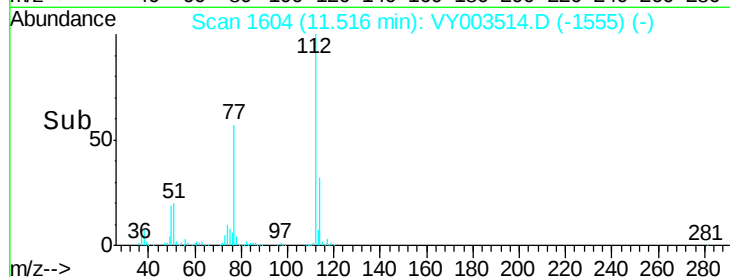
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 54.329 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

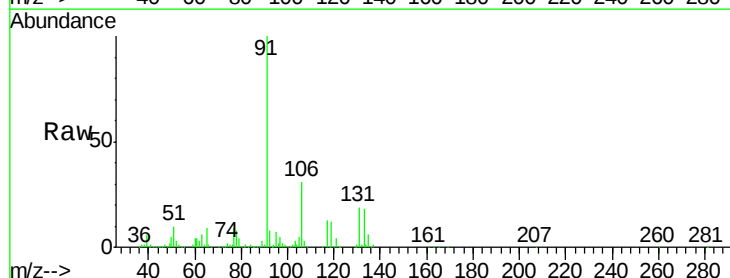
Tgt Ion:131 Resp: 118039

Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.2

119 64.2 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

11.59

80000

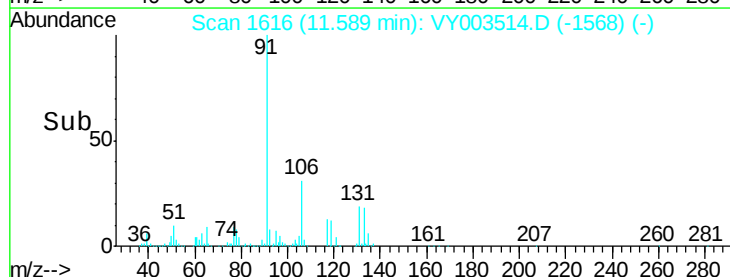
60000

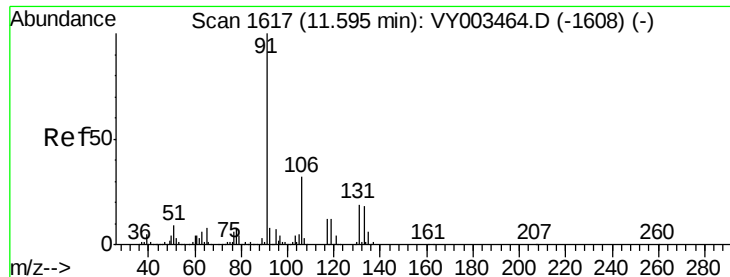
40000

20000

0

Time--> 11.50 11.60

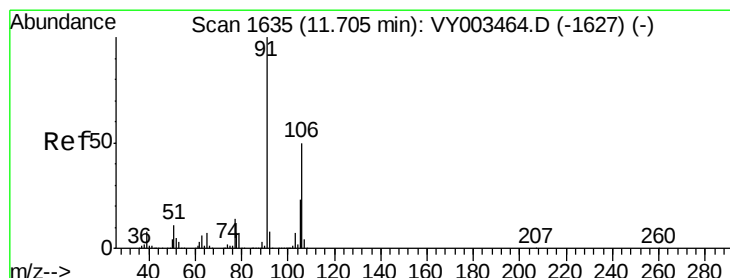
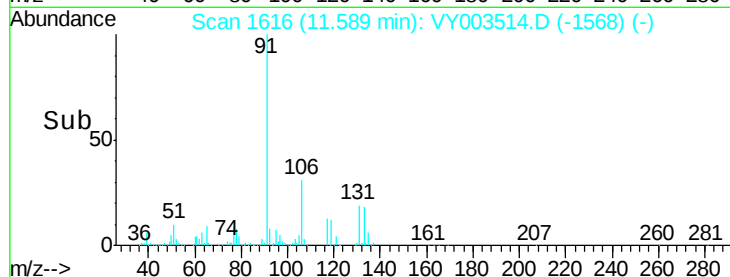
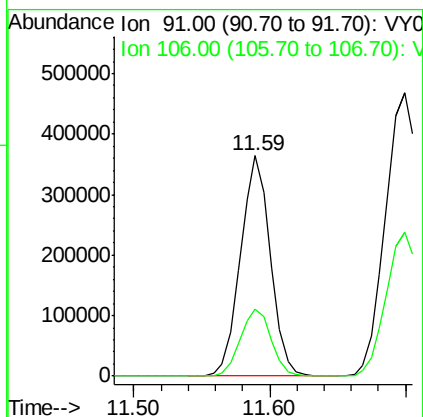
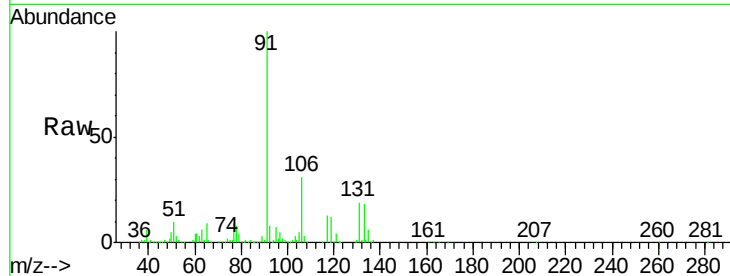




#67
Ethyl Benzene
Concen: 53.441 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

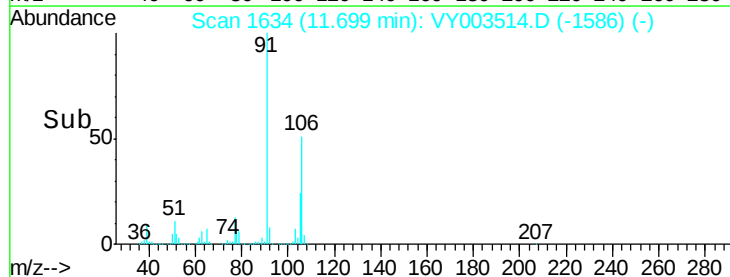
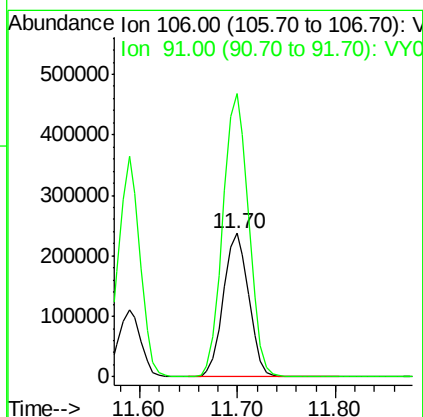
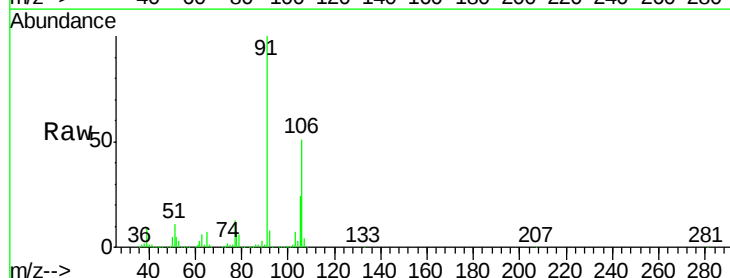
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

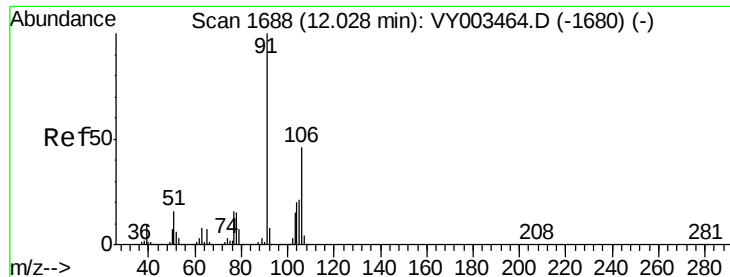
Tot Ion: 91 Resp: 558273
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 107.784 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion: 106 Resp: 426687
Ion Ratio Lower Upper
106 100
91 200.3 161.0 241.6

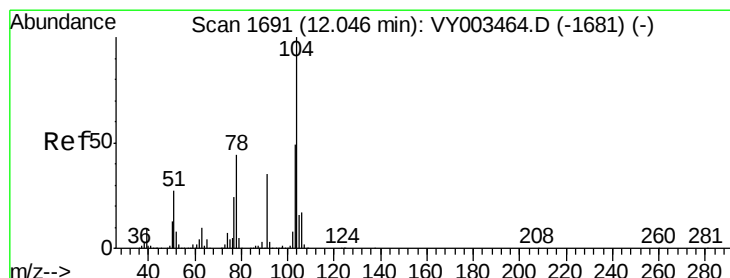
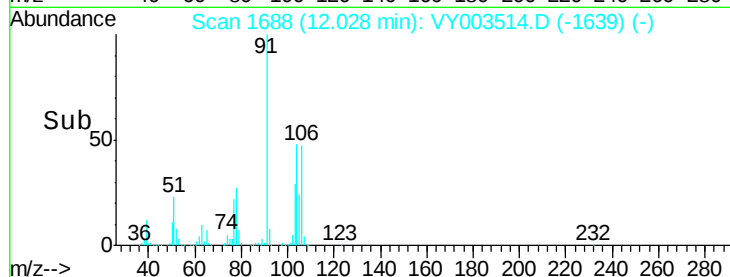
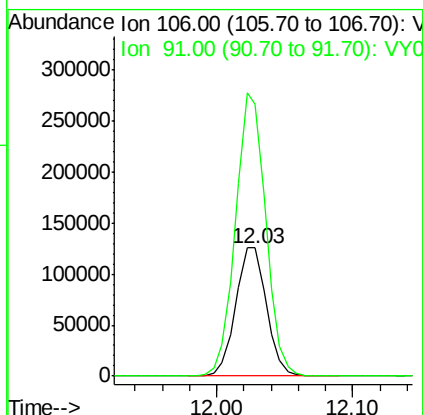
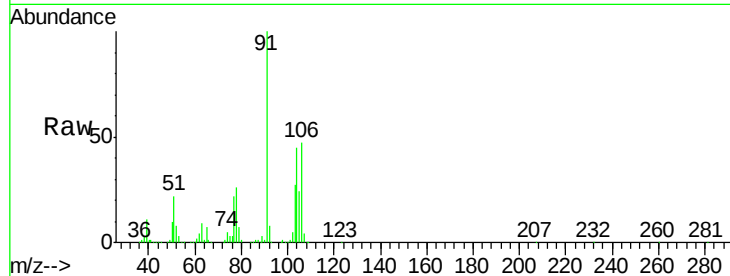




#69
o-Xylene
Concen: 54.500 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

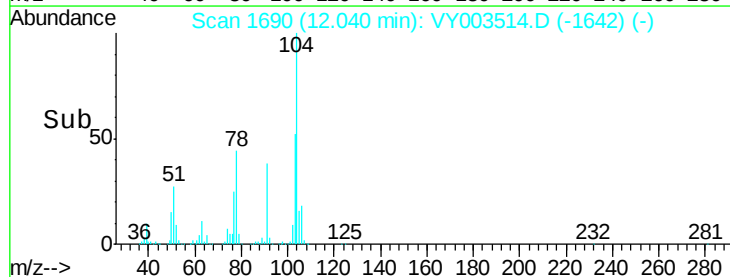
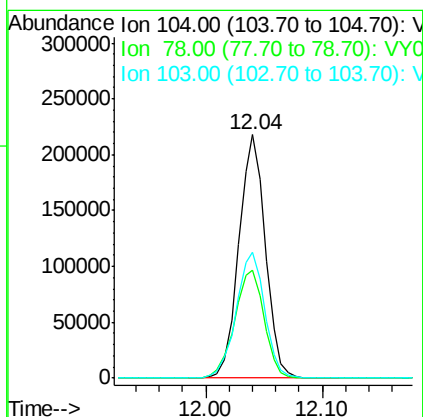
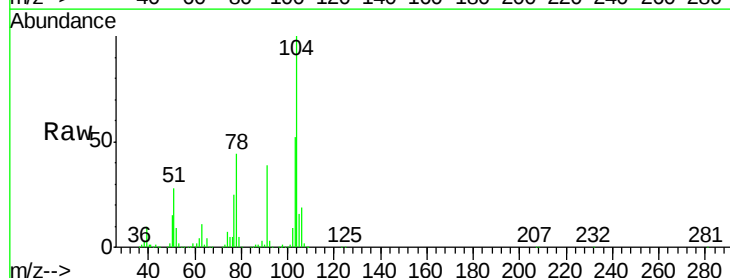
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

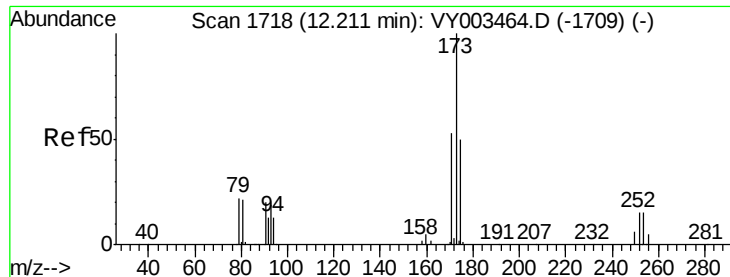
Tot Ion:106 Resp: 198466
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5



#70
Styrene
Concen: 55.829 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:104 Resp: 345197
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.7 44.2 66.2

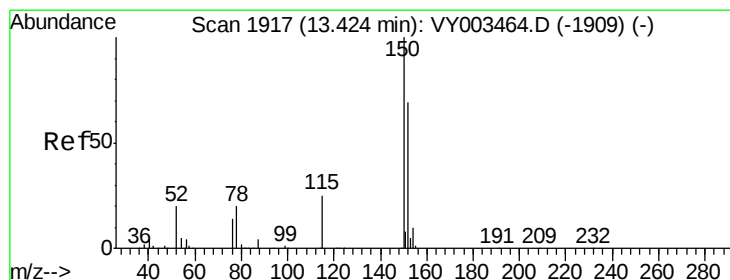
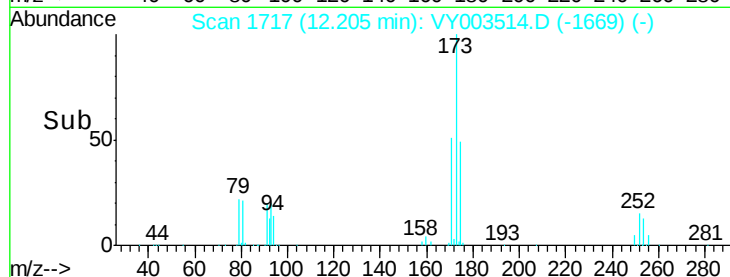
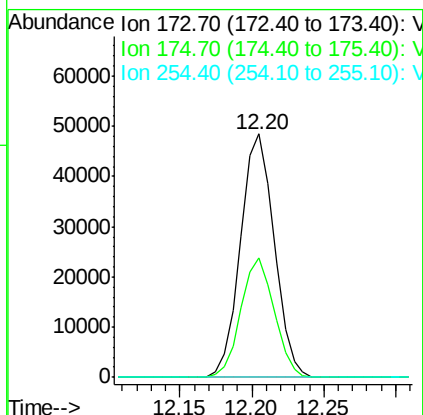
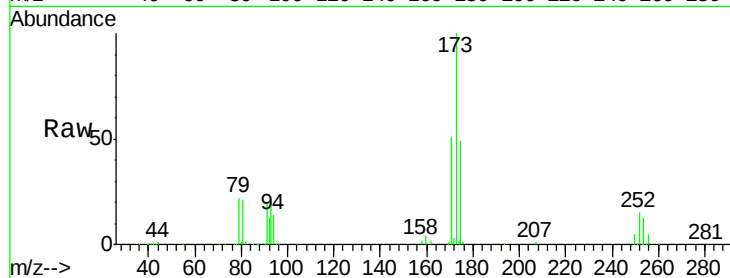




#71
Bromoform
Concen: 54.447 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

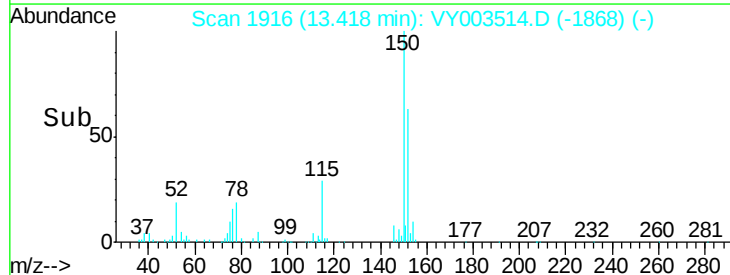
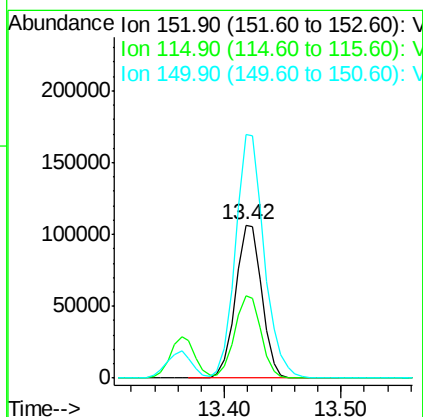
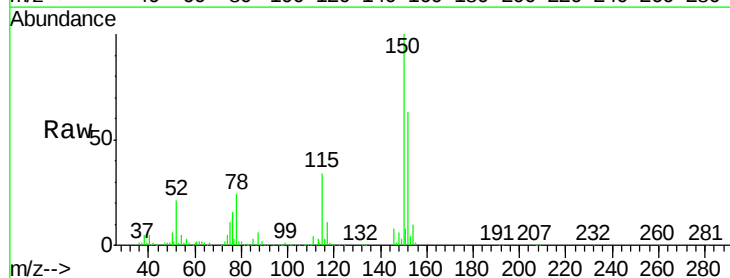
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

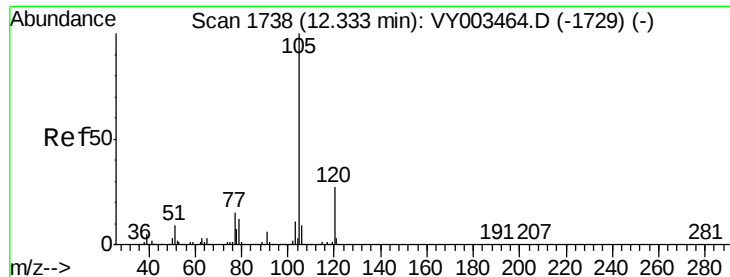
Tot Ion:173 Resp: 78849
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003514.D
Acq: 04 Nov 2020 17:47

Tgt Ion:152 Resp: 167963
Ion Ratio Lower Upper
152 100
115 53.7 27.5 82.4
150 172.6 0.0 345.8





#73

Isopropylbenzene

Concen: 50.259 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

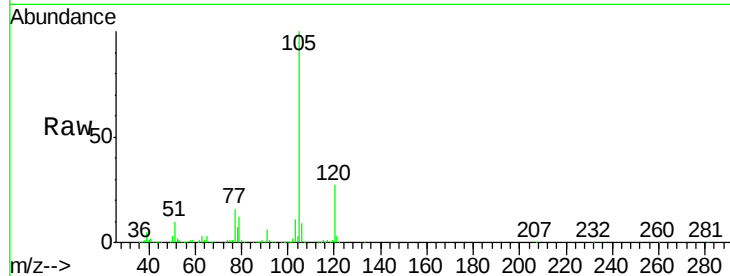
VSTDCCC050EC

Tot Ion:105 Resp: 551436

Ion Ratio Lower Upper

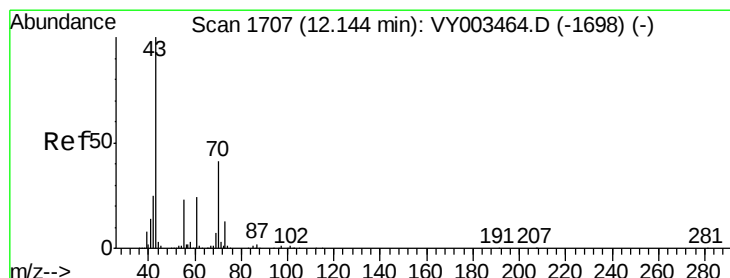
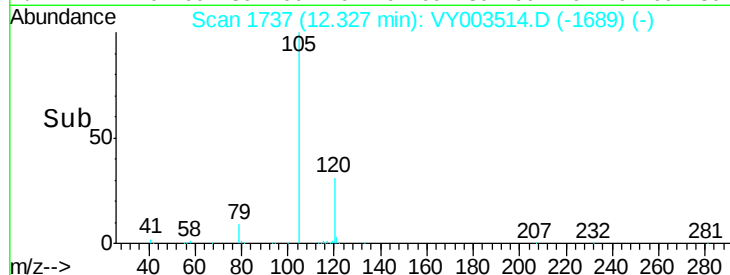
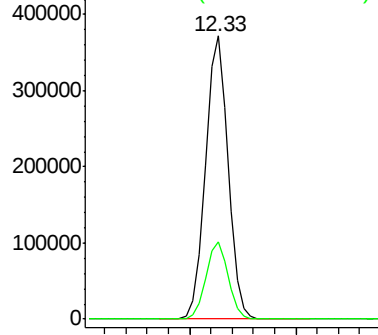
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.097 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Tgt Ion: 43 Resp: 161912

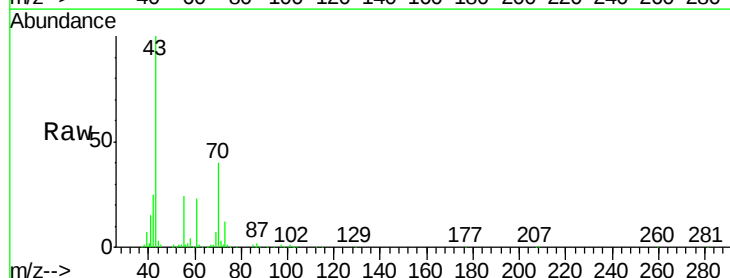
Ion Ratio Lower Upper

43 100

70 40.8 33.1 49.7

55 24.6 19.2 28.8

61 23.9 19.0 28.6

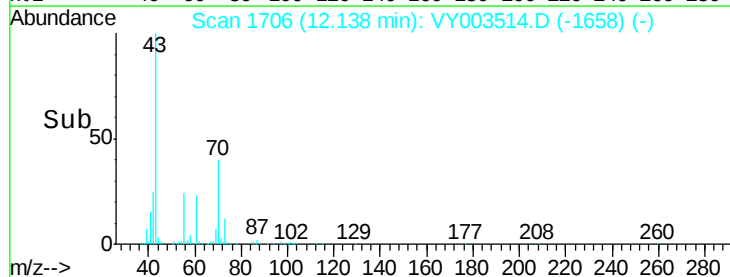
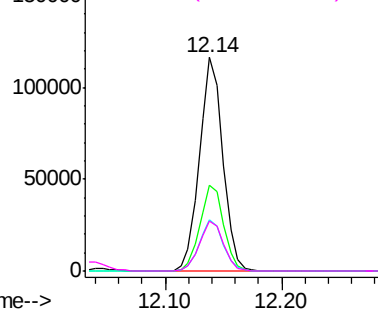


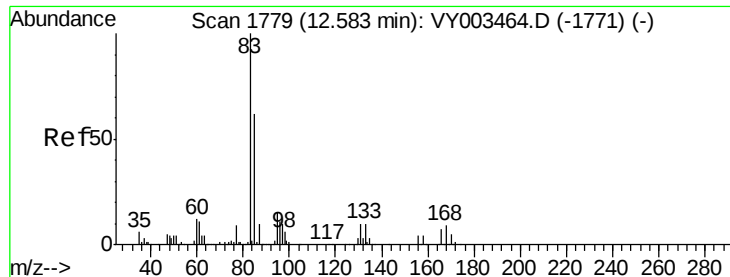
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.108 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

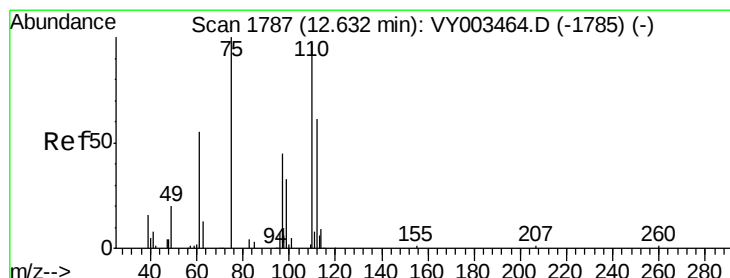
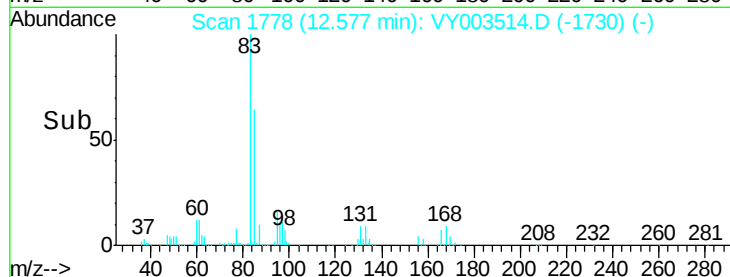
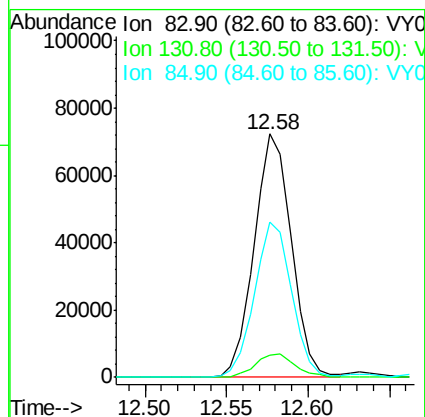
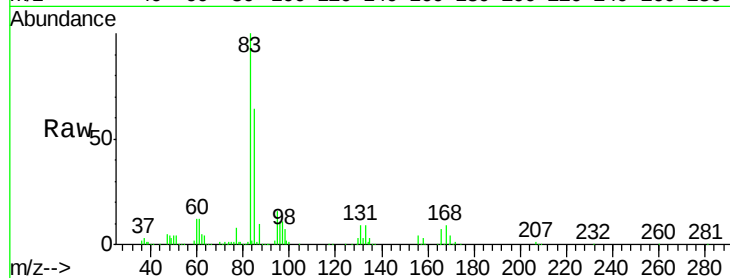
Tot Ion: 83 Resp: 115088

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 85.870 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003514.D

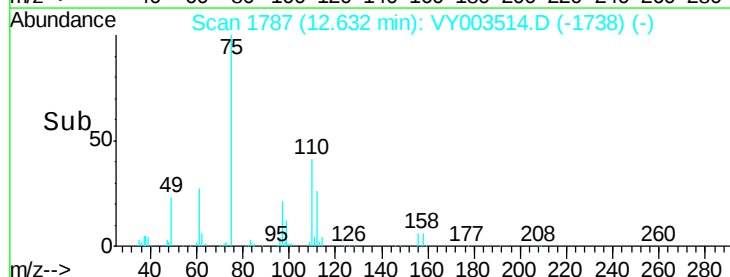
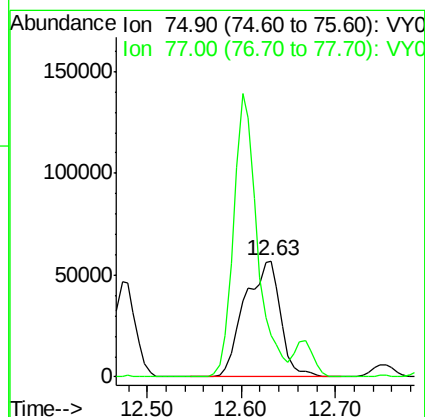
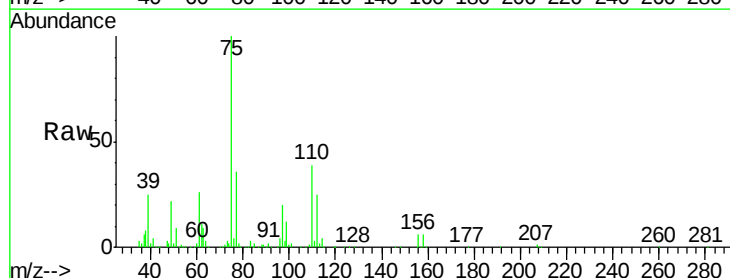
Acq: 04 Nov 2020 17:47

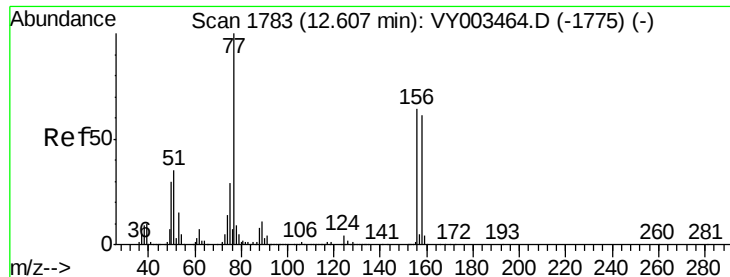
Tgt Ion: 75 Resp: 152605

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.566 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

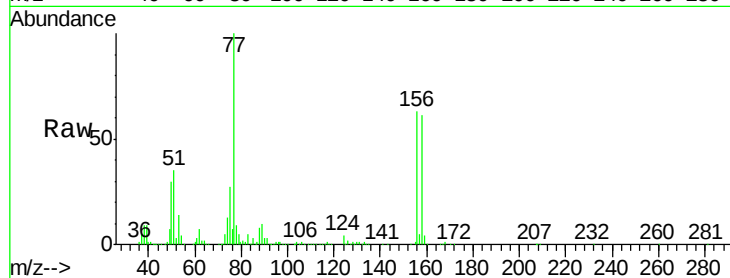
Tot Ion:156 Resp: 140962

Ion Ratio Lower Upper

156 100

77 174.6 87.0 260.9

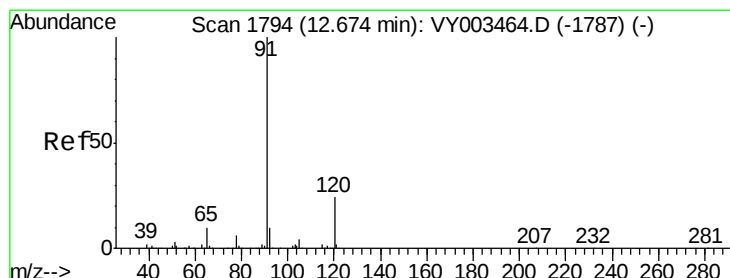
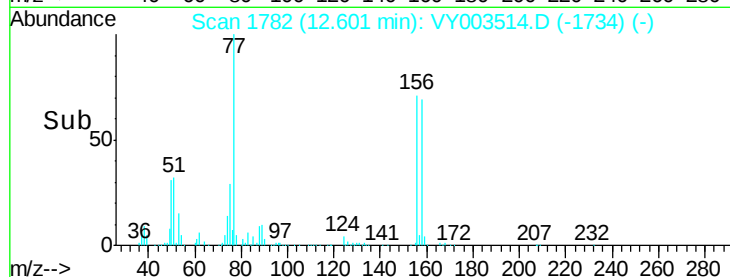
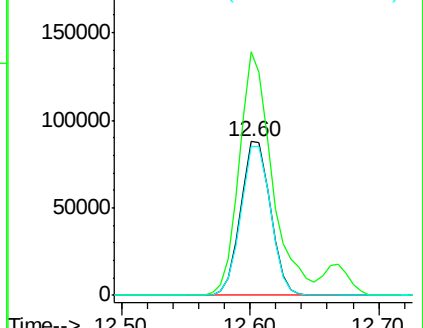
158 97.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.049 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003514.D

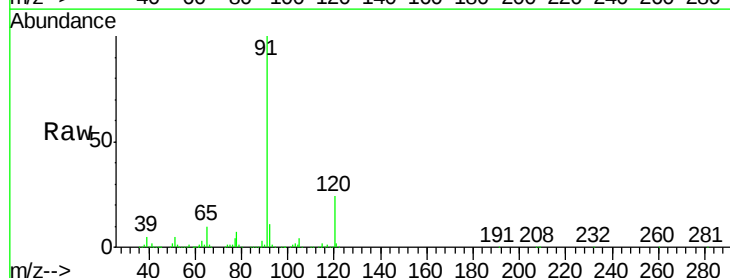
Acq: 04 Nov 2020 17:47

Tgt Ion: 91 Resp: 659741

Ion Ratio Lower Upper

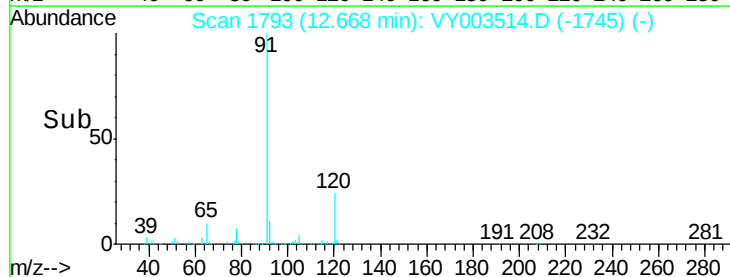
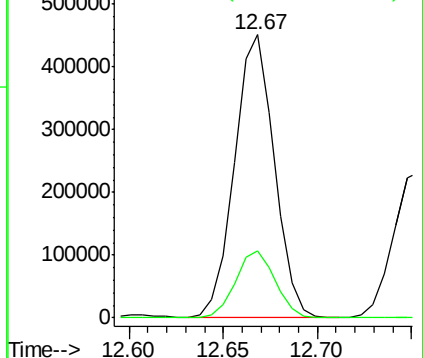
91 100

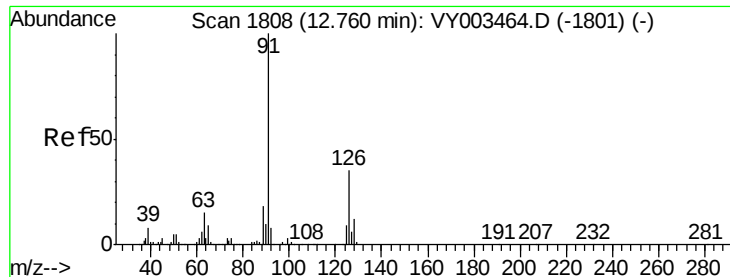
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

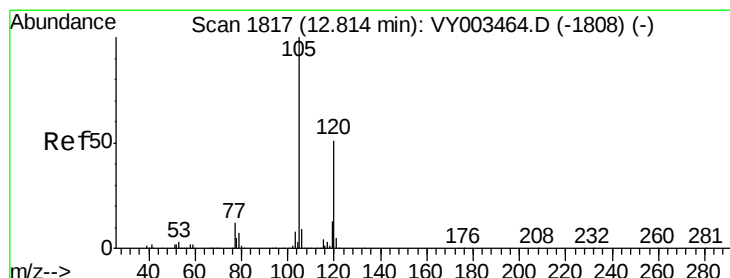
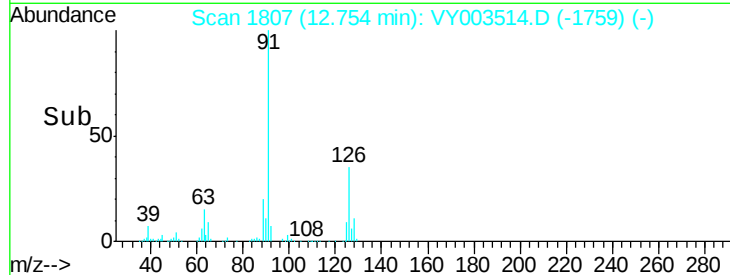
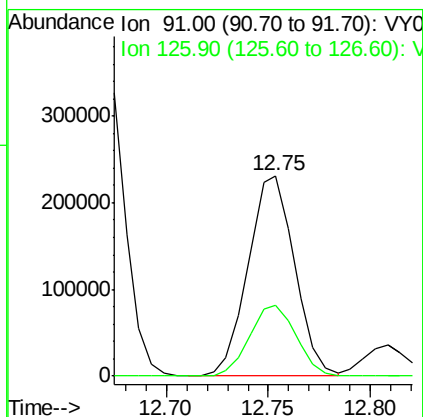
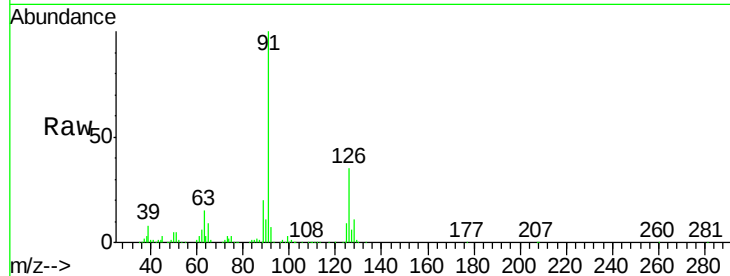




#79
 2-Chlorotoluene
 Concen: 50.742 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

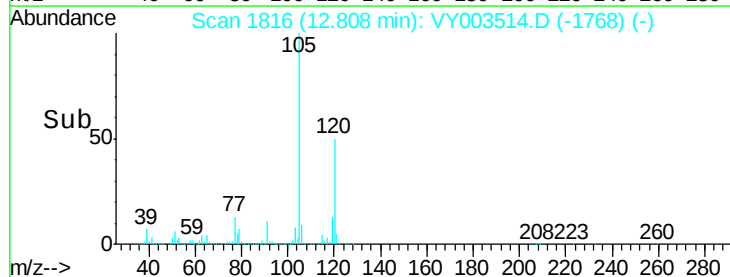
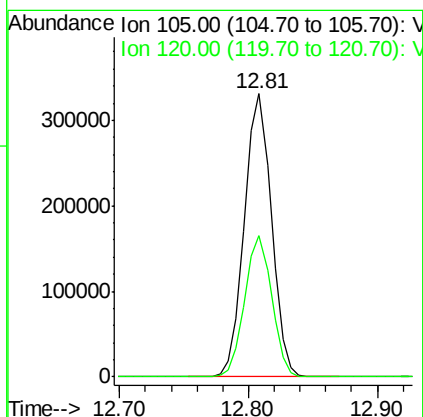
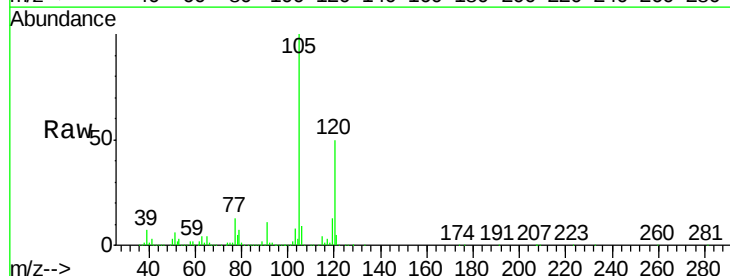
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

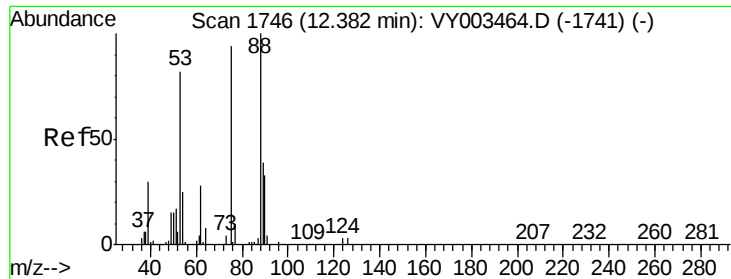
Tot Ion: 91 Resp: 366380
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.666 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion: 105 Resp: 478769
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.686 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

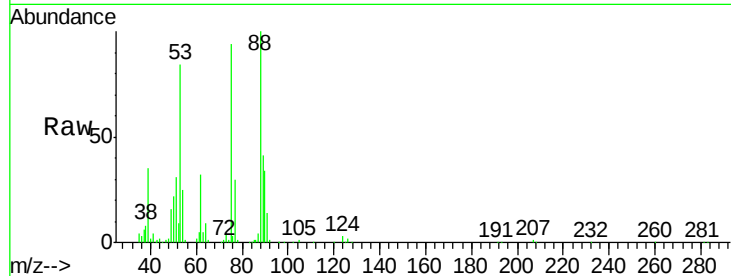
Tot Ion: 75 Resp: 40603

Ion Ratio Lower Upper

75 100

53 92.2 74.7 112.1

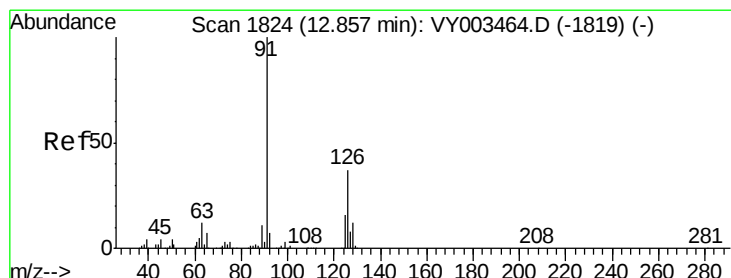
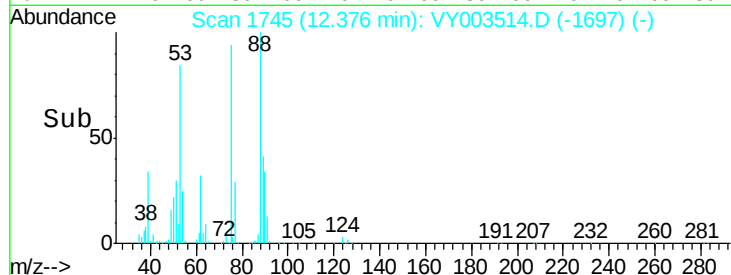
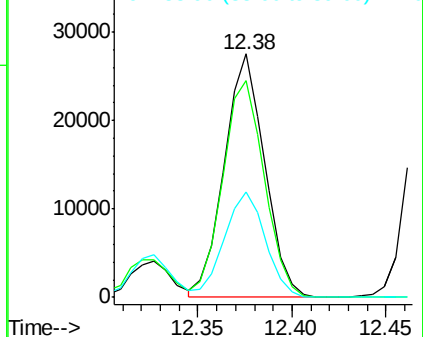
89 44.3 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.459 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003514.D

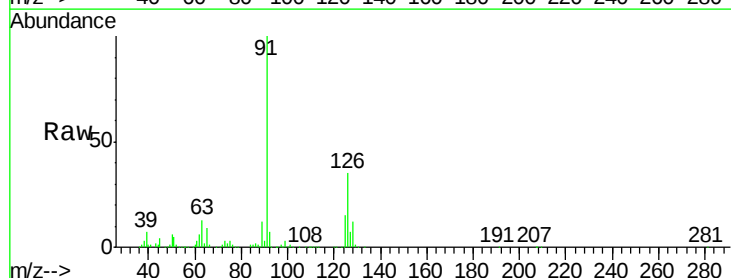
Acq: 04 Nov 2020 17:47

Tgt Ion: 91 Resp: 388280

Ion Ratio Lower Upper

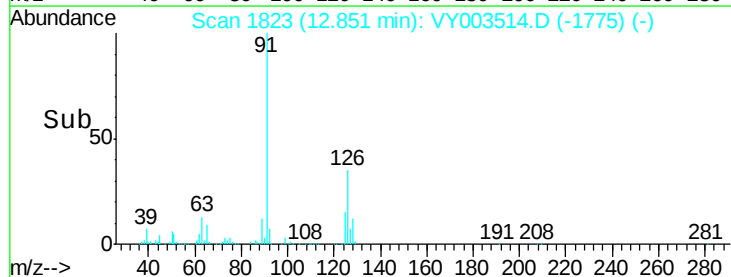
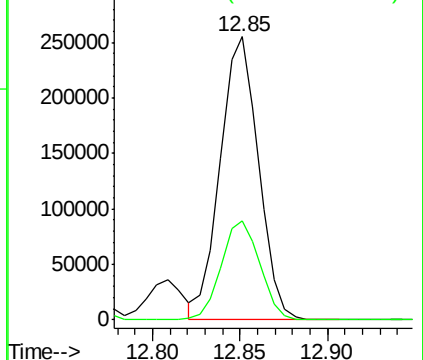
91 100

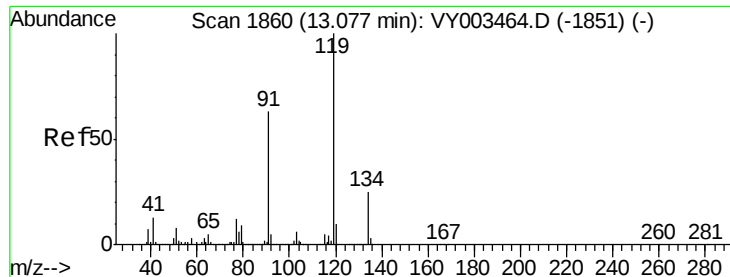
126 35.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.690 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

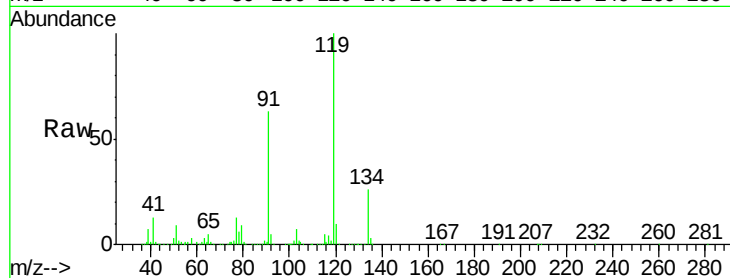
Tot Ion:119 Resp: 416752

Ion Ratio Lower Upper

119 100

91 62.3 31.1 93.2

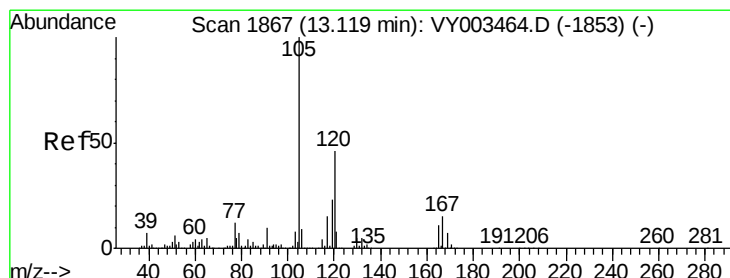
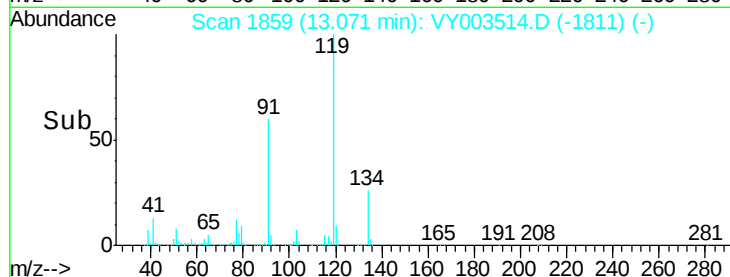
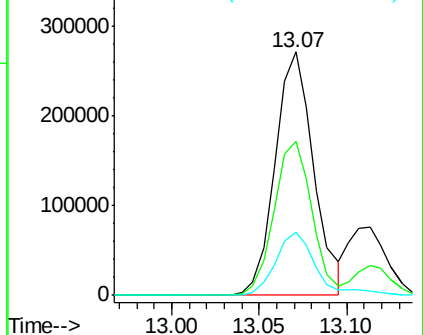
134 27.1 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.166 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY003514.D

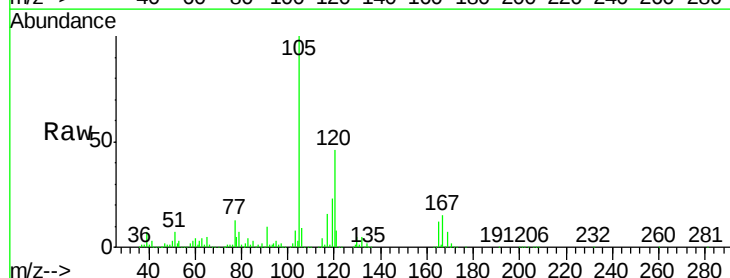
Acq: 04 Nov 2020 17:47

Tgt Ion:105 Resp: 483041

Ion Ratio Lower Upper

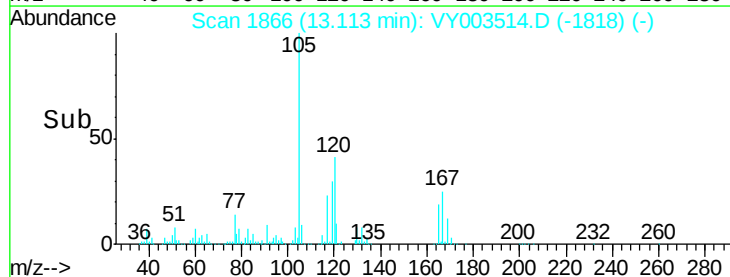
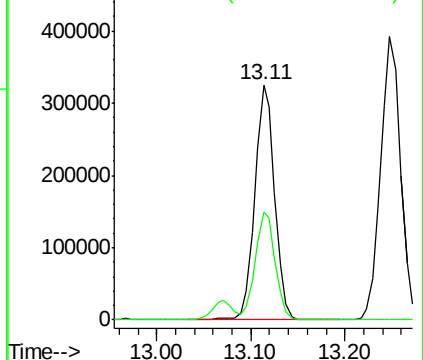
105 100

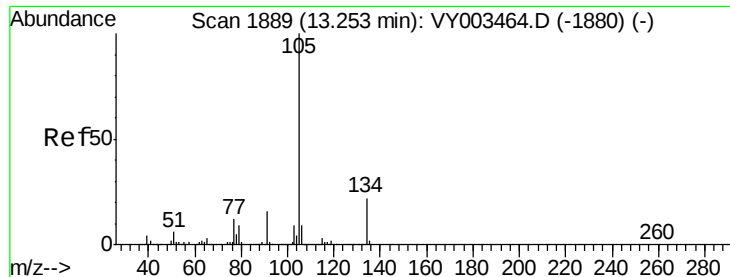
120 46.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.486 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

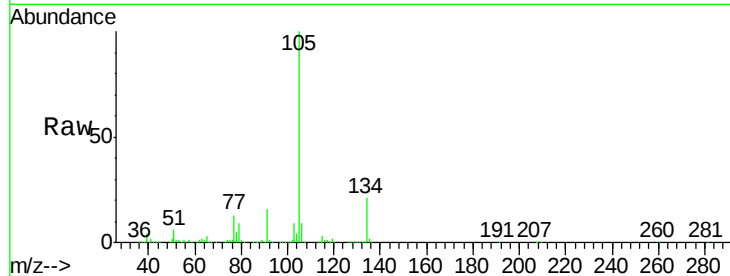
VSTDCCC050EC

Tot Ion:105 Resp: 572988

Ion Ratio Lower Upper

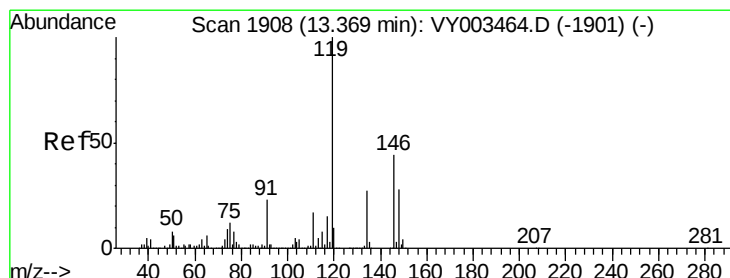
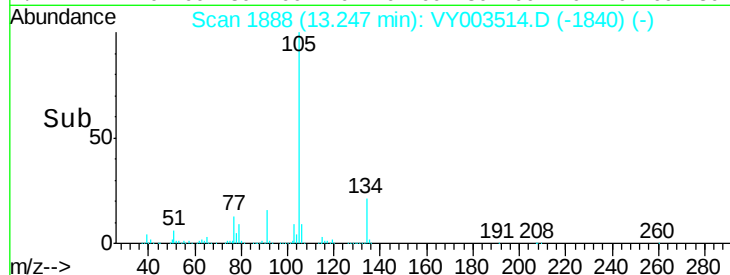
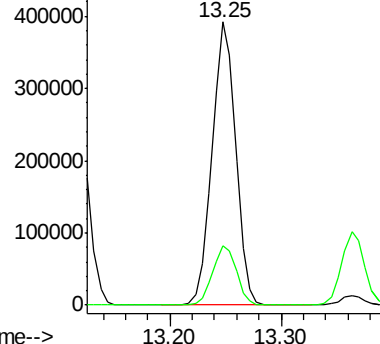
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.584 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

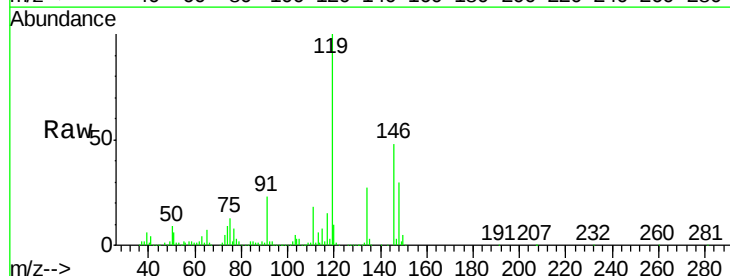
Tgt Ion:119 Resp: 542509

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

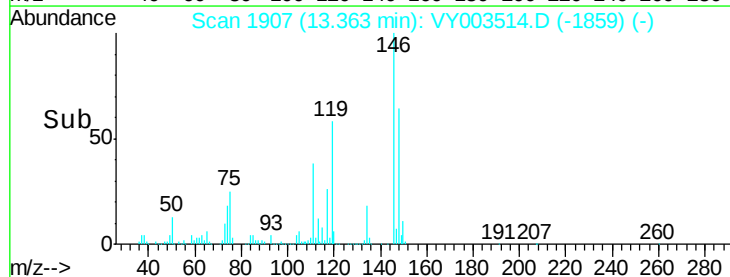
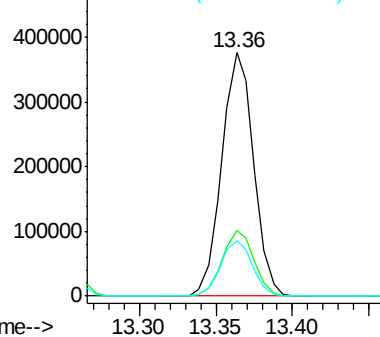
91 22.8 11.4 34.2

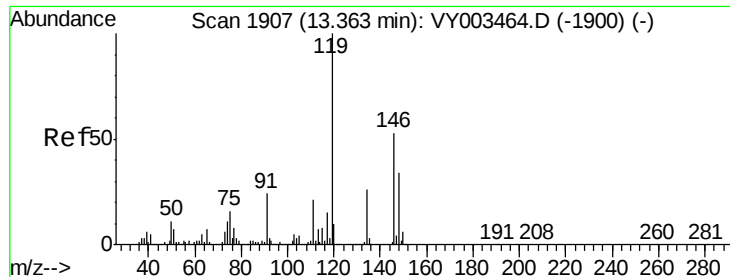


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

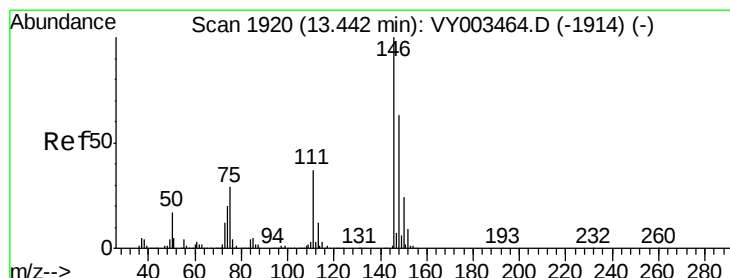
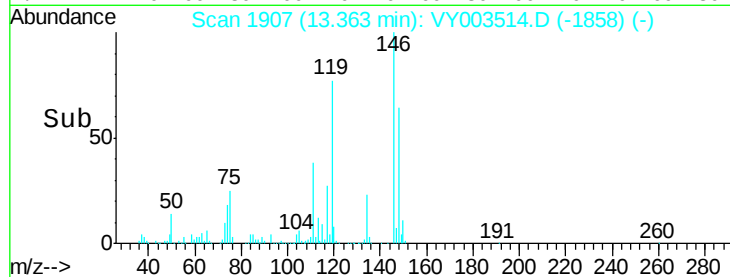
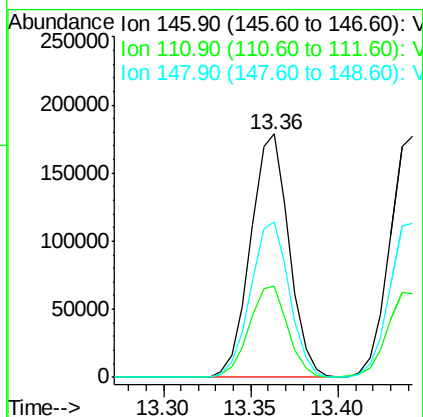
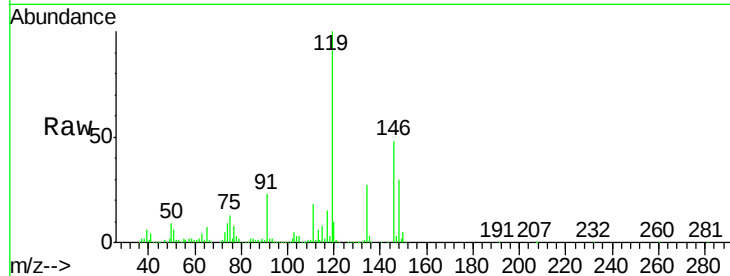




#87
 1,3-Dichlorobenzene
 Concen: 52.935 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

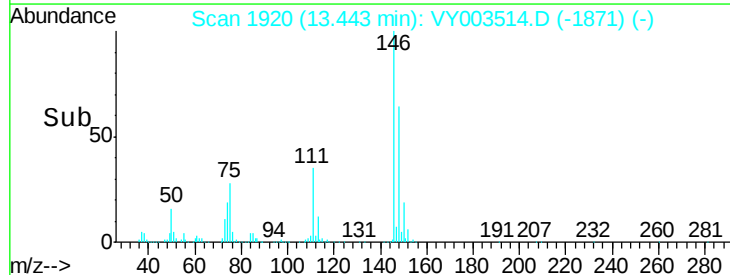
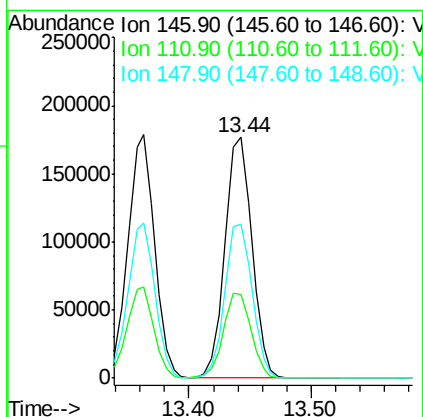
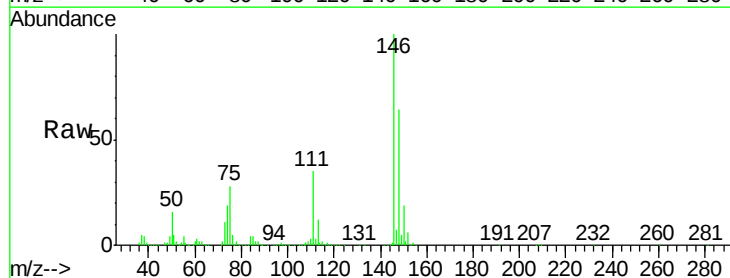
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

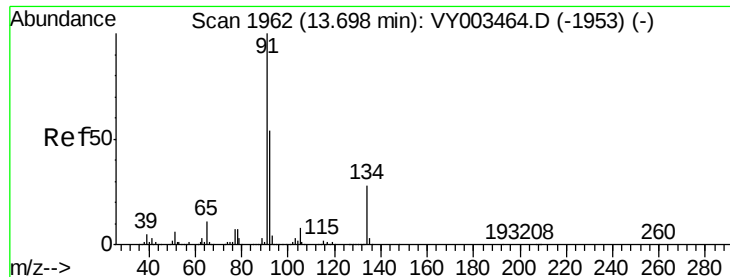
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	64.5	32.4	97.0



#88
 1,4-Dichlorobenzene
 Concen: 52.176 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	65.0	32.0	96.0





#89

n-Butylbenzene

Concen: 53.859 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

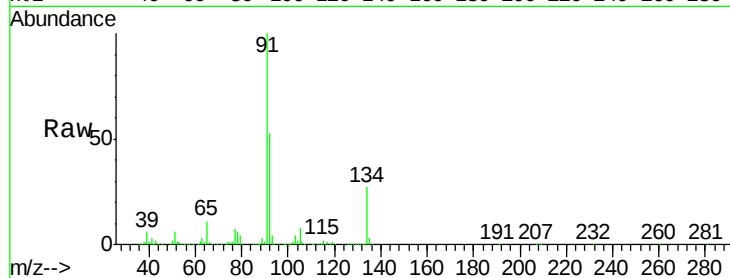
Tot Ion: 91 Resp: 498057

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

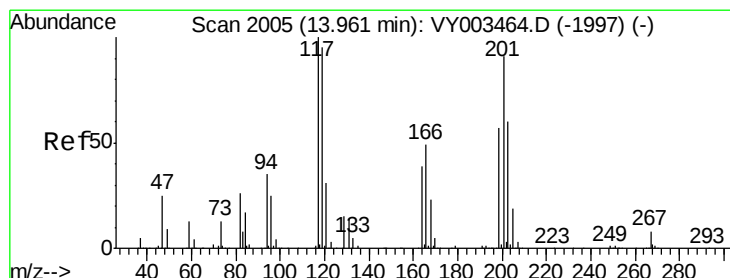
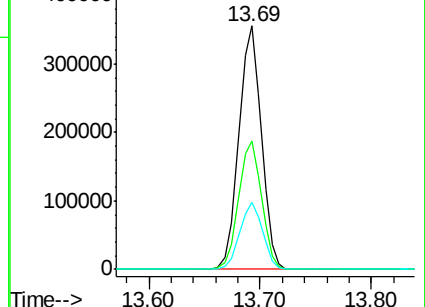
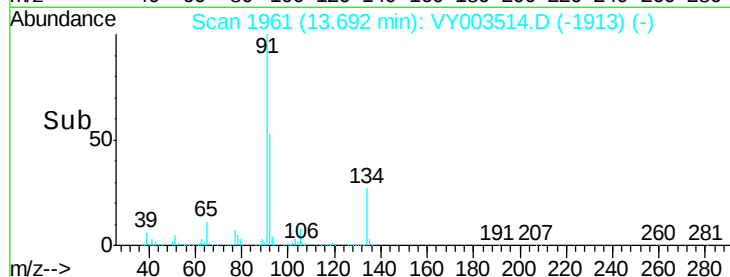
134 27.6 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003514.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY003514.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY003514.D (-1913) (-)



#90

Hexachloroethane

Concen: 52.778 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY003514.D

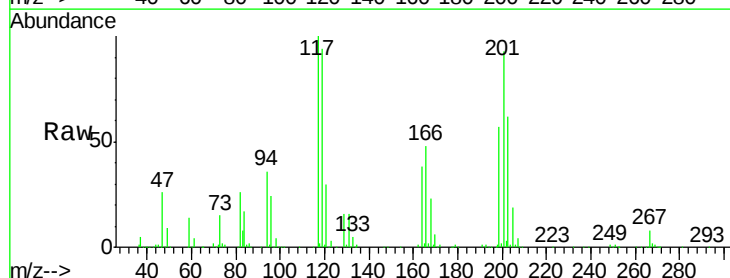
Acq: 04 Nov 2020 17:47

Tgt Ion: 117 Resp: 89930

Ion Ratio Lower Upper

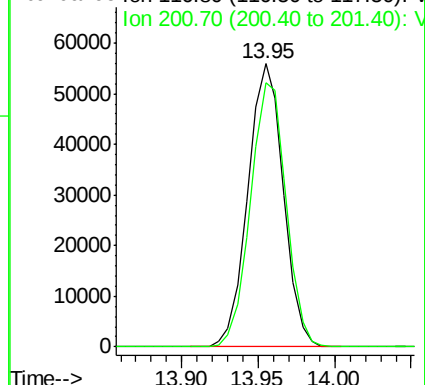
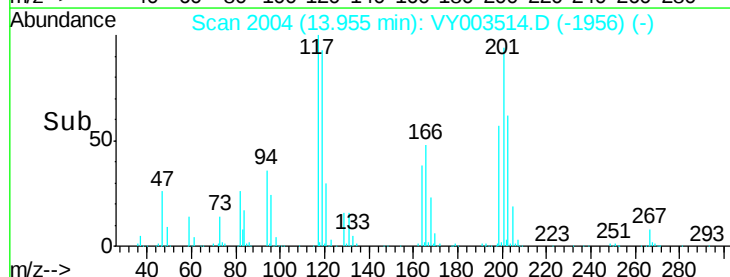
117 100

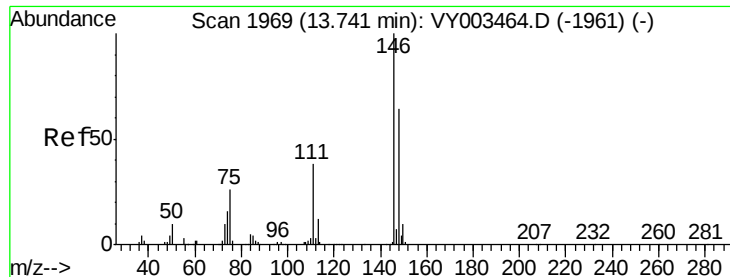
201 93.8 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003514.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003514.D (-1956) (-)

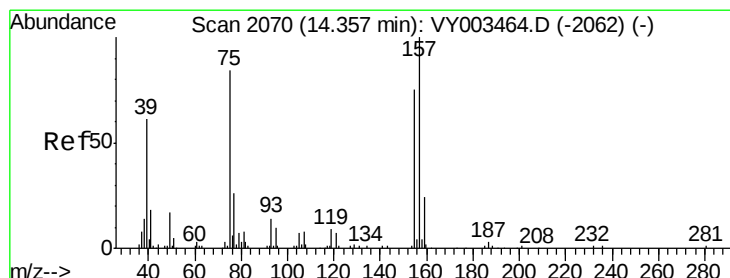
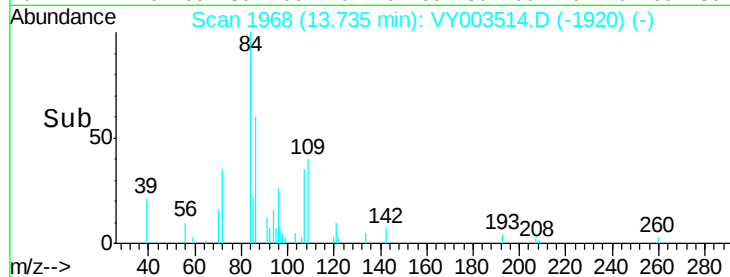
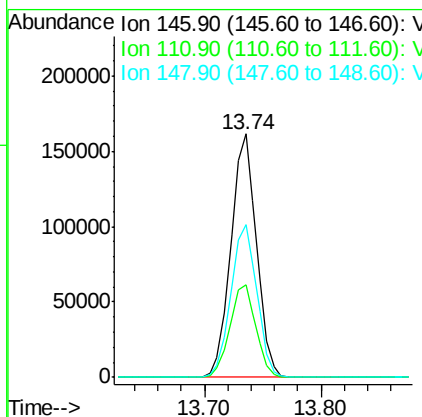
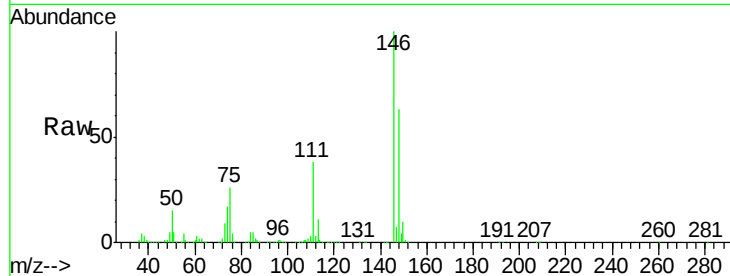




#91
 1,2-Dichlorobenzene
 Concen: 53.432 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

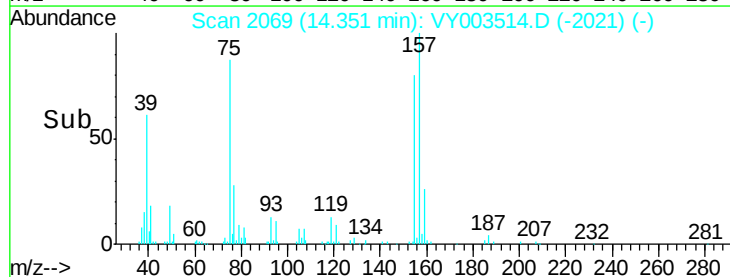
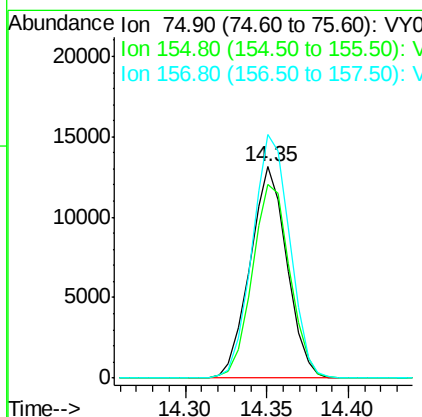
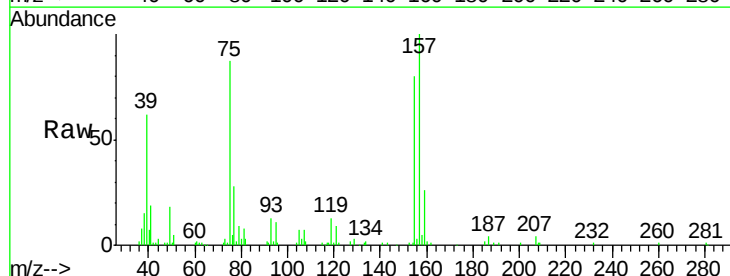
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

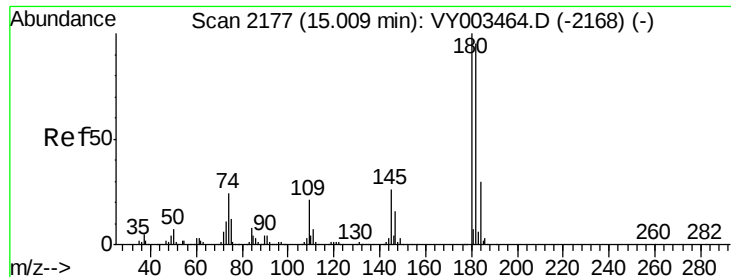
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.0	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.583 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.6	136.7
157	117.2	60.3	180.8

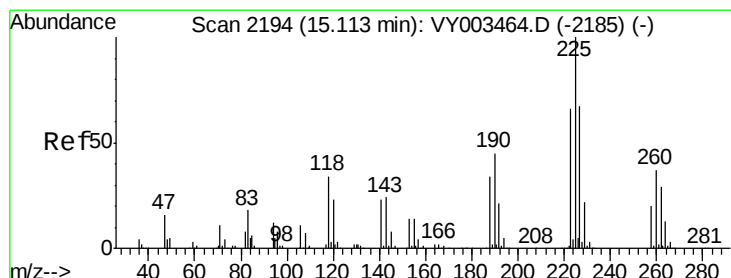
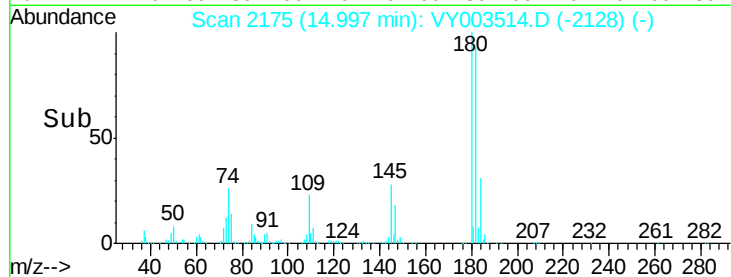
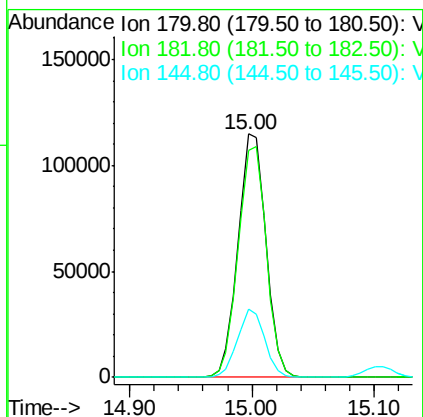
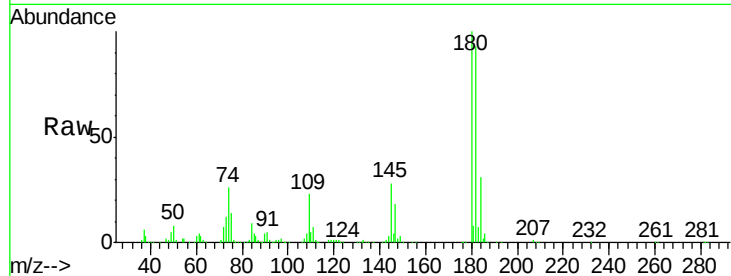




#93
 1,2,4-Trichlorobenzene
 Concen: 55.332 ug/l
 RT: 15.00 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

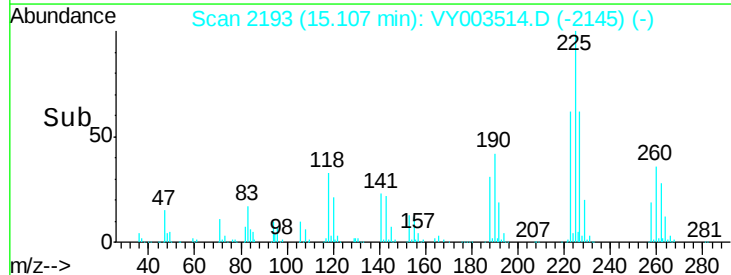
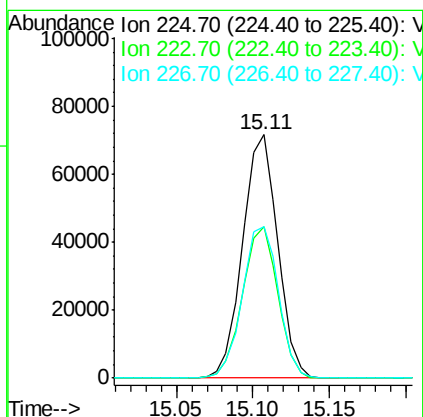
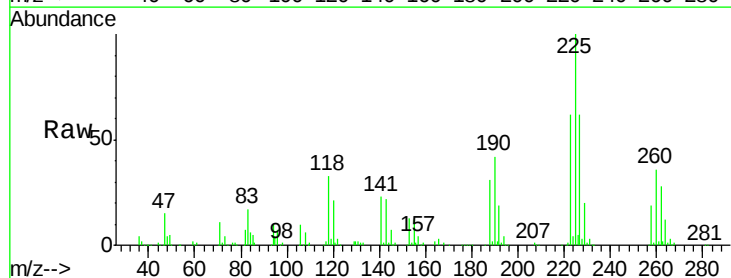
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

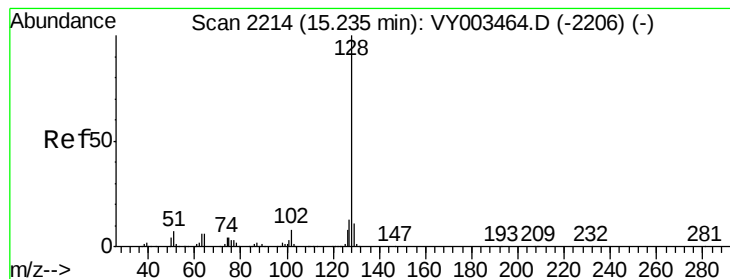
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	27.4	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 54.345 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003514.D
 Acq: 04 Nov 2020 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.1	96.3
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 52.246 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

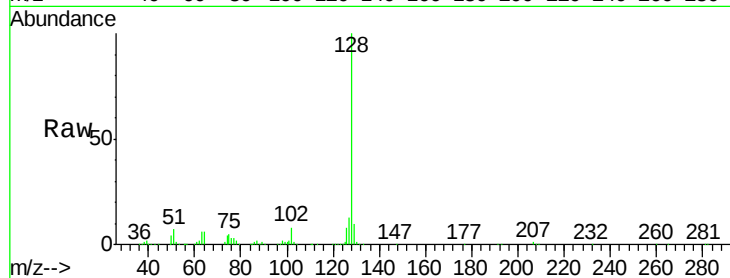
Tot Ion:128 Resp: 341393

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

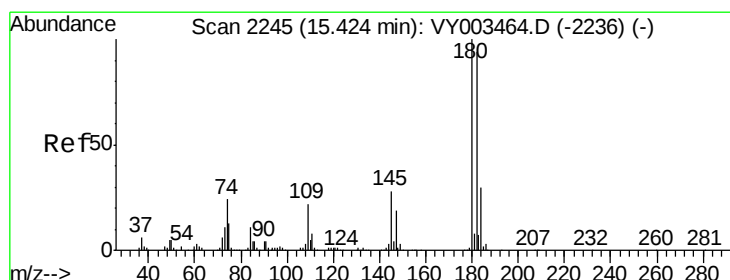
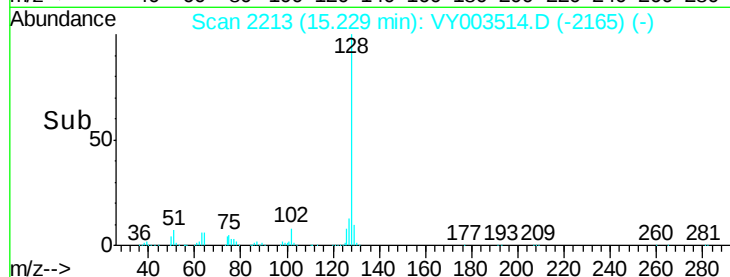
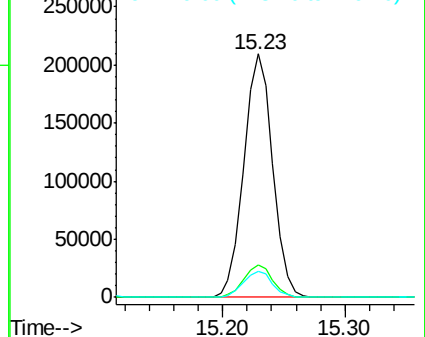
129 10.8 8.6 13.0



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: 55.021 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003514.D

Acq: 04 Nov 2020 17:47

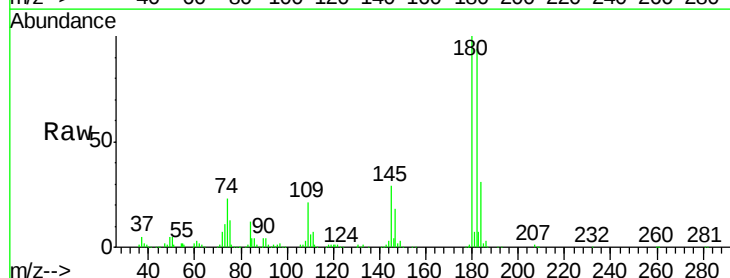
Tgt Ion:180 Resp: 161503

Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.7

145 28.8 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

