

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003405.D
 Acq On : 03 Aug 2020 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 01:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	526535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	759052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	701285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372990	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	265363	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
35) Dibromofluoromethane	7.72	113	243542	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
50) Toluene-d8	10.18	98	957429	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.48	95	323973	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	184924	42.891	ug/l	99
3) Chloromethane	2.12	50	261785	44.333	ug/l	97
4) Vinyl Chloride	2.26	62	264004	44.537	ug/l	100
5) Bromomethane	2.65	94	205222	46.866	ug/l	97
6) Chloroethane	2.80	64	167252	44.981	ug/l	98
7) Trichlorofluoromethane	3.13	101	364905	45.588	ug/l	99
8) Diethyl Ether	3.54	74	123855	44.436	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	221183	46.262	ug/l	100
10) Methyl Iodide	4.10	142	218284	39.327	ug/l	100
11) Tert butyl alcohol	4.96	59	111365	226.394	ug/l	100
12) 1,1-Dichloroethene	3.88	96	215420	46.446	ug/l	96
13) Acrolein	3.74	56	118400	224.705	ug/l	98
14) Allyl chloride	4.49	41	358332	46.127	ug/l	99
15) Acrylonitrile	5.17	53	319485	231.024	ug/l	99
16) Acetone	3.95	43	321215	259.681	ug/l	100
17) Carbon Disulfide	4.19	76	695862	46.022	ug/l	100
18) Methyl Acetate	4.48	43	142456	43.651	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	598434	46.675	ug/l	97
20) Methylene Chloride	4.72	84	266025	41.391	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	242345	46.221	ug/l	92
22) Diisopropyl ether	6.13	45	760677	46.607	ug/l	96
23) Vinyl Acetate	6.07	43	2541165	237.665	ug/l	99
24) 1,1-Dichloroethane	6.02	63	427530	46.744	ug/l	99
25) 2-Butanone	6.99	43	451991	239.780	ug/l	99
26) 2,2-Dichloropropane	6.99	77	381150	46.703	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	264620	45.929	ug/l	98
28) Bromochloromethane	7.34	49	177667	49.938	ug/l	99
29) Tetrahydrofuran	7.35	42	284439	231.275	ug/l	99
30) Chloroform	7.51	83	424128	46.752	ug/l	98
31) Cyclohexane	7.78	56	392124	44.187	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	382284	46.186	ug/l	99
36) 1,1-Dichloropropene	7.93	75	343080	47.763	ug/l	99
37) Ethyl Acetate	7.08	43	197073	48.251	ug/l	99
38) Carbon Tetrachloride	7.90	117	355132	48.047	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	416677	47.542	ug/l	99
40) Benzene	8.16	78	949475	47.641	ug/l	100
41) Methacrylonitrile	7.35	41	264583	112.998	ug/l #	47
42) 1,2-Dichloroethane	8.24	62	286834	47.255	ug/l	99
43) Isopropyl Acetate	8.28	43	363163	47.109	ug/l	99
44) Trichloroethene	8.94	130	271617	47.387	ug/l	99
45) 1,2-Dichloropropane	9.22	63	248665	47.644	ug/l	99
46) Dibromomethane	9.30	93	136214	46.517	ug/l	99
47) Bromodichloromethane	9.50	83	338981	48.040	ug/l	99
48) Methyl methacrylate	9.29	41	169086	48.591	ug/l	99
49) 1,4-Dioxane	9.30	88	35594	939.164	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	965044	238.876	ug/l	100
52) Toluene	10.24	92	596906	47.754	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	362234	48.368	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	409877	48.293	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	196396	47.816	ug/l	97
56) Ethyl methacrylate	10.51	69	275204	48.398	ug/l	97
57) 1,3-Dichloropropane	10.79	76	340199	47.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	684558	259.914	ug/l	99
59) 2-Hexanone	10.83	43	705862	250.708	ug/l	100
60) Dibromochloromethane	10.99	129	250347	48.535	ug/l	99
61) 1,2-Dibromoethane	11.09	107	188851	47.460	ug/l	99
64) Tetrachloroethene	10.72	164	273847	46.710	ug/l	98
65) Chlorobenzene	11.52	112	653980	47.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	254930	47.626	ug/l	100
67) Ethyl Benzene	11.59	91	1187841	47.870	ug/l	99
68) m/p-Xylenes	11.70	106	896481	95.833	ug/l	99
69) o-Xylene	12.03	106	422787	48.280	ug/l	100
70) Styrene	12.04	104	730710	48.767	ug/l	99
71) Bromoform	12.20	173	165362	47.539	ug/l	98
73) Isopropylbenzene	12.33	105	1159807	48.112	ug/l	100
74) N-amyl acetate	12.14	43	343269	48.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	229620	48.089	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	313930	93.690	ug/l #	100
77) Bromobenzene	12.61	156	294586	48.095	ug/l	99
78) n-propylbenzene	12.67	91	1391298	48.222	ug/l	99
79) 2-Chlorotoluene	12.75	91	760881	47.531	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	973110	48.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	84874	47.905	ug/l #	74
82) 4-Chlorotoluene	12.85	91	801524	48.184	ug/l	99
83) tert-Butylbenzene	13.07	119	868180	49.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	977048	48.029	ug/l	100
85) sec-Butylbenzene	13.25	105	1186304	48.536	ug/l	99
86) p-Isopropyltoluene	13.37	119	1111509	48.621	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	561628	48.003	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	553894	48.017	ug/l	100
89) n-Butylbenzene	13.69	91	1053089	48.745	ug/l	100
90) Hexachloroethane	13.96	117	212973	48.632	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	495508	47.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	35199	45.756	ug/l	99

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QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration

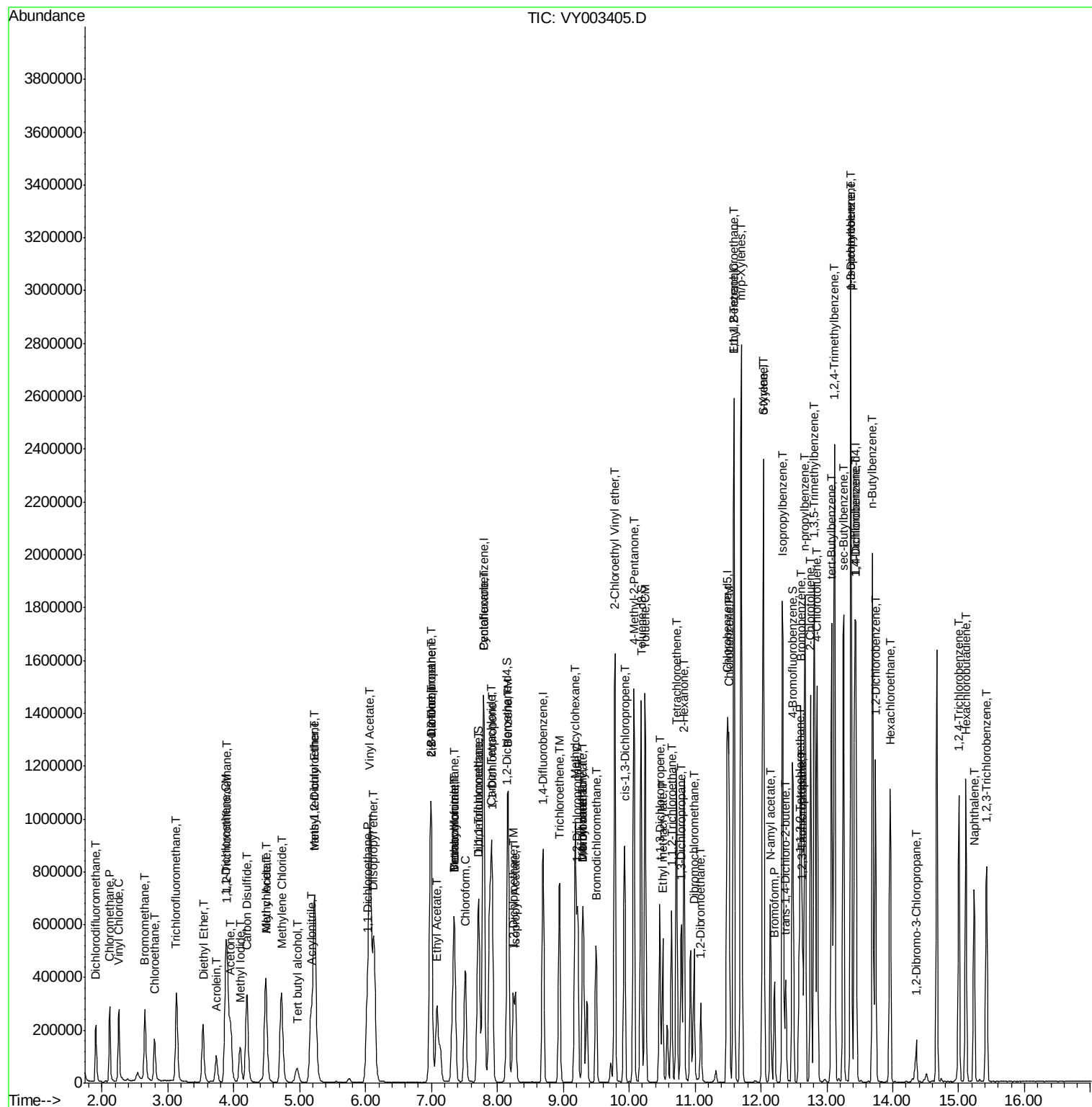
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	352746	48.197	ug/l	98
94) Hexachlorobutadiene	15.11	225	229476	47.345	ug/l	100
95) Naphthalene	15.23	128	592354	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	281161	47.483	ug/l	99

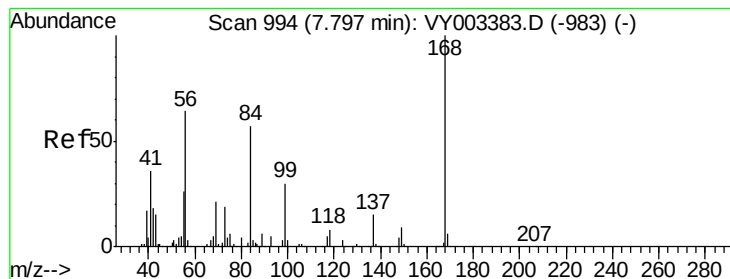
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

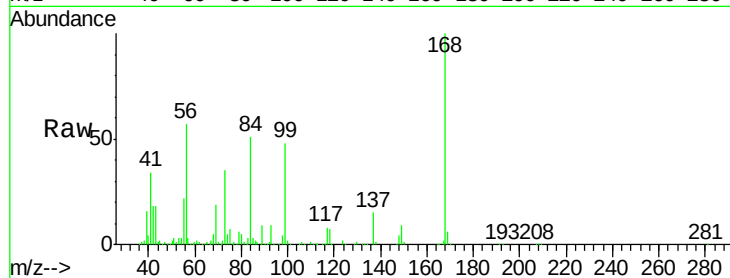
VSTDCCC050

Tot Ion:168 Resp: 526535

Ion Ratio Lower Upper

168 100

99 47.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

250000

200000

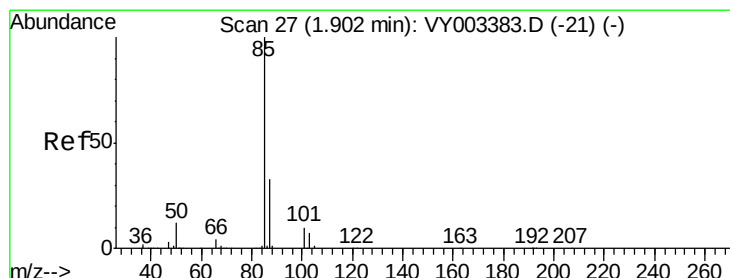
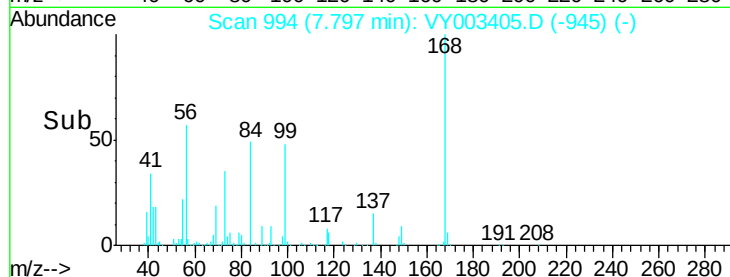
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.891 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003405.D

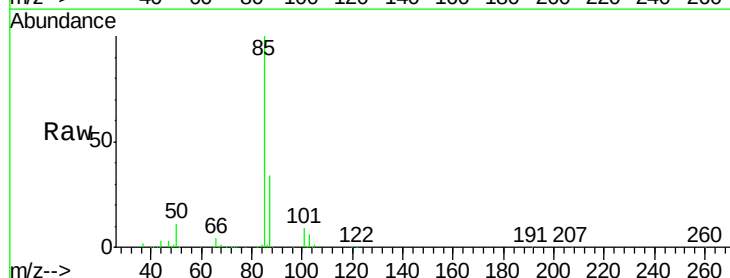
Acq: 03 Aug 2020 10:03

Tgt Ion: 85 Resp: 184924

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

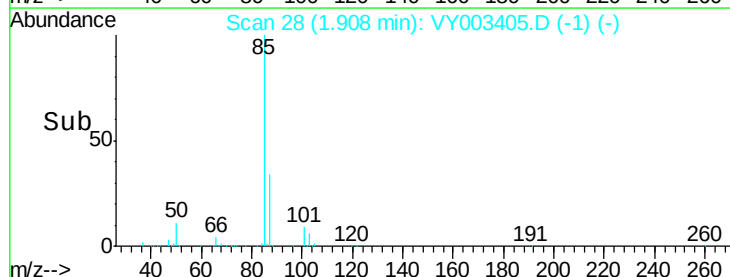
1.91

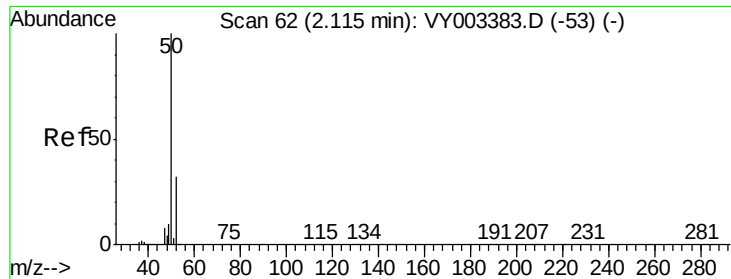
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.333 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

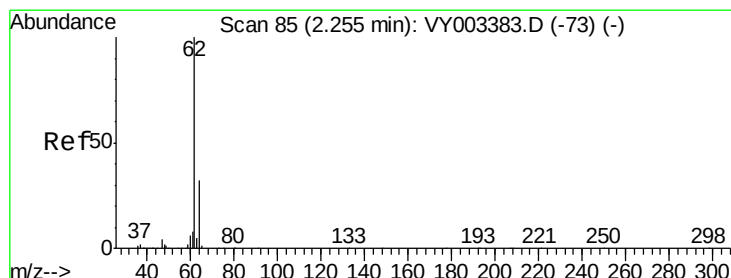
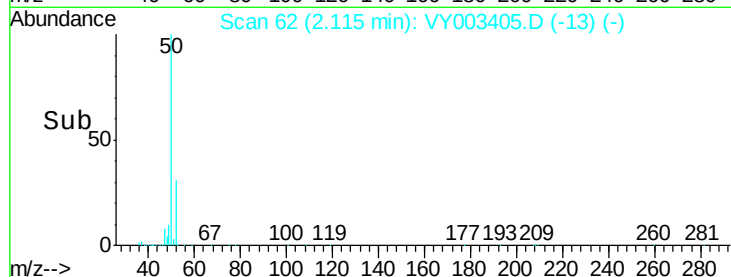
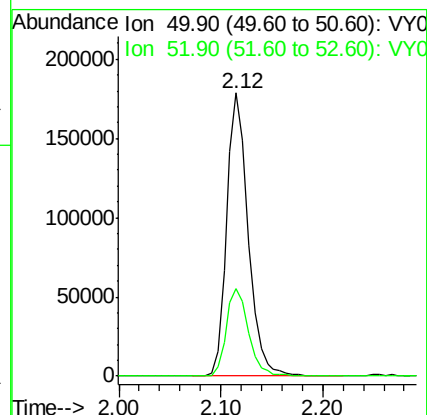
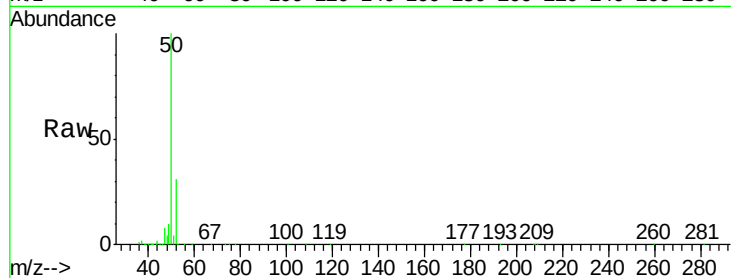
VSTDCCC050

Tot Ion: 50 Resp: 261785

Ion Ratio Lower Upper

50 100

52 30.9 25.9 38.9



#4

Vinyl Chloride

Concen: 44.537 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003405.D

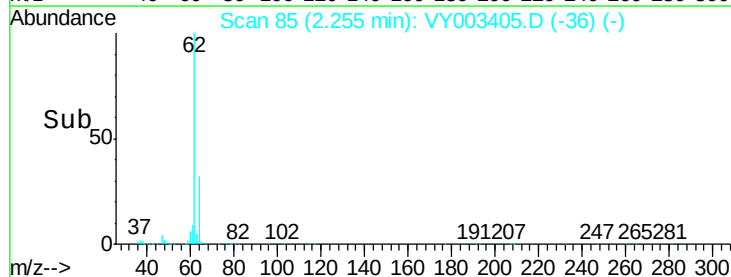
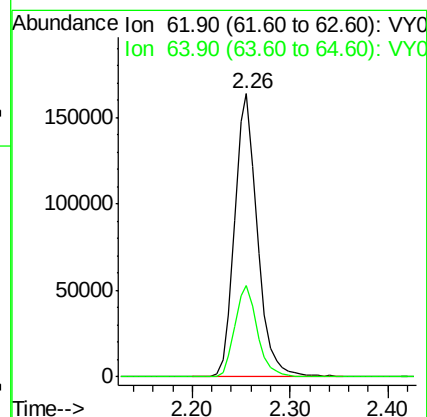
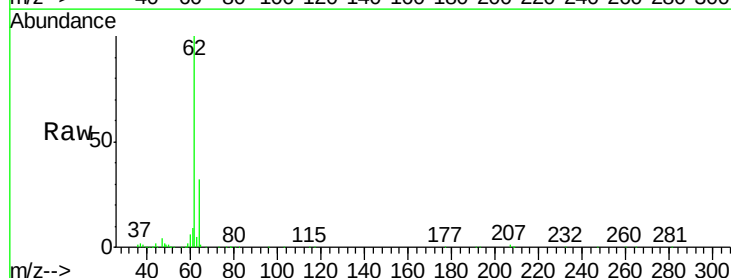
Acq: 03 Aug 2020 10:03

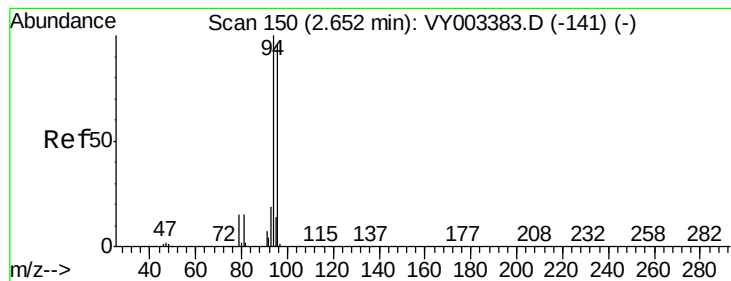
Tgt Ion: 62 Resp: 264004

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 46.866 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

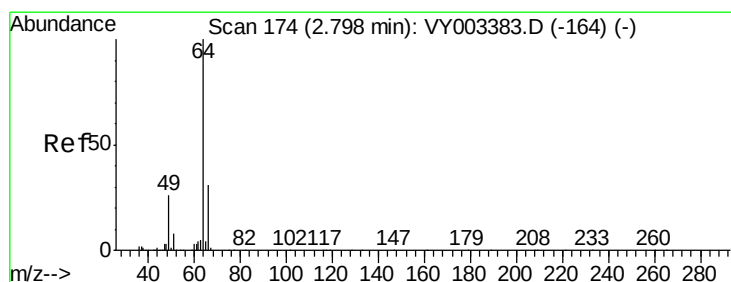
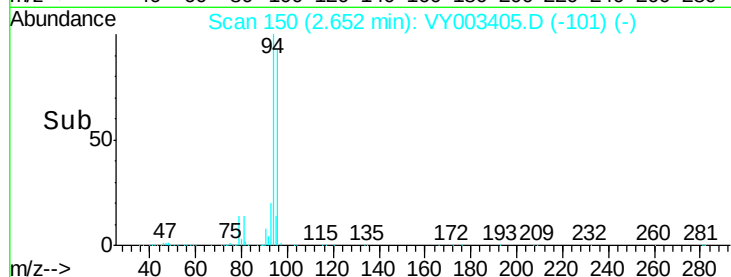
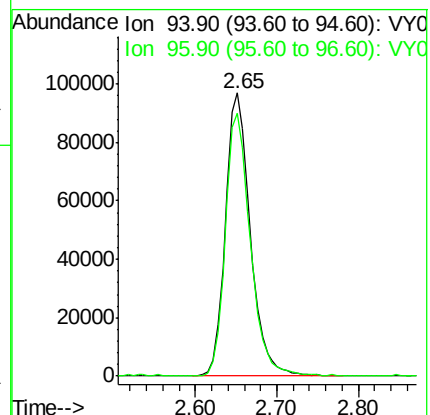
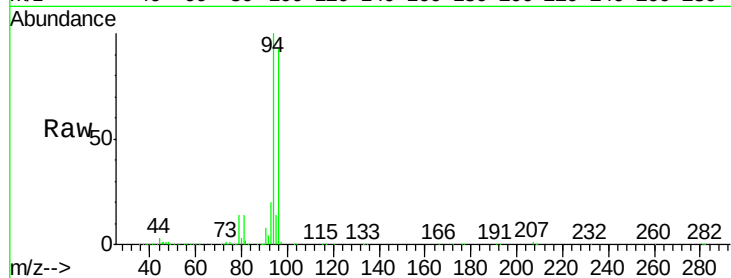
VSTDCCC050

Tot Ion: 94 Resp: 205222

Ion Ratio Lower Upper

94 100

96 92.6 76.6 115.0



#6

Chloroethane

Concen: 44.981 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003405.D

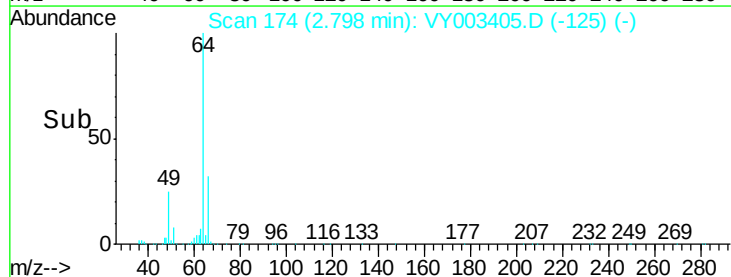
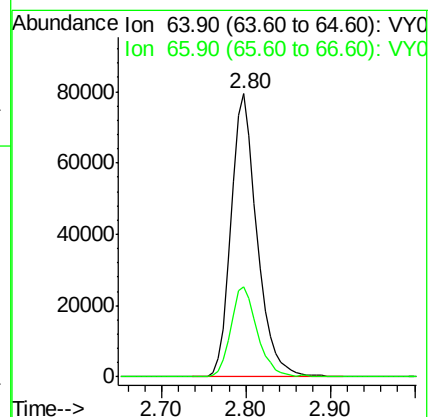
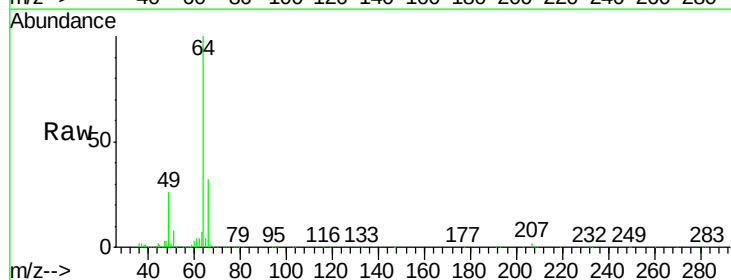
Acq: 03 Aug 2020 10:03

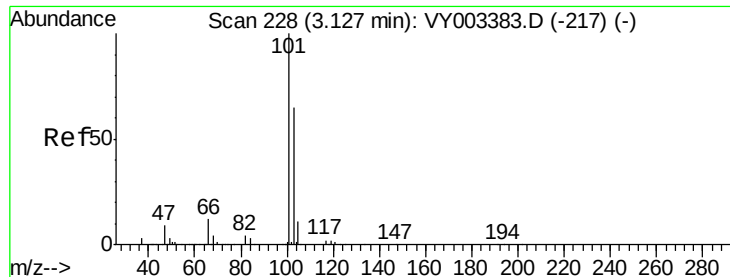
Tgt Ion: 64 Resp: 167252

Ion Ratio Lower Upper

64 100

66 32.0 24.7 37.1



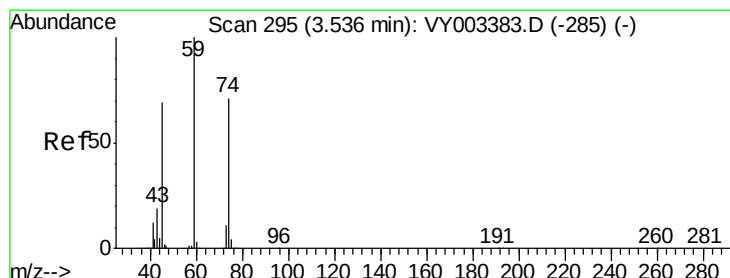
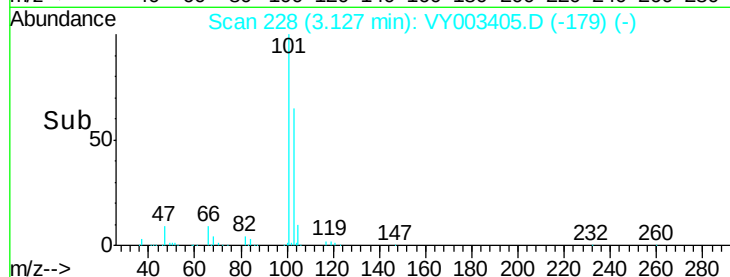
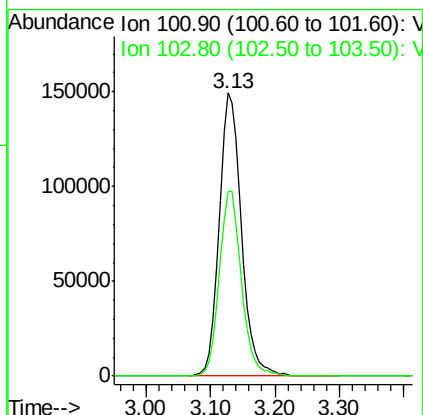
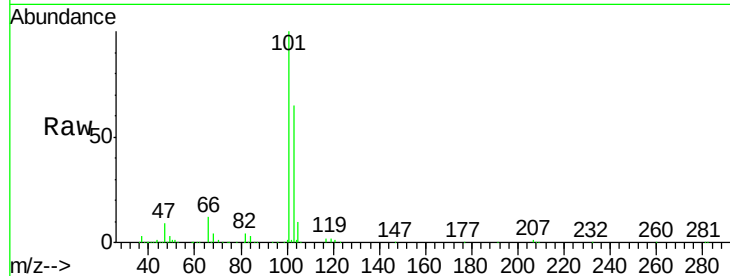


#7

Trichlorofluoromethane
 Concen: 45.588 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Instrument :
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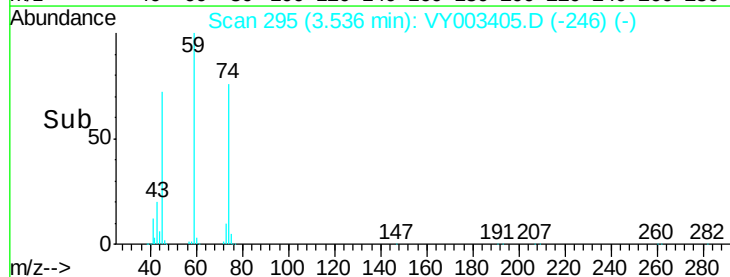
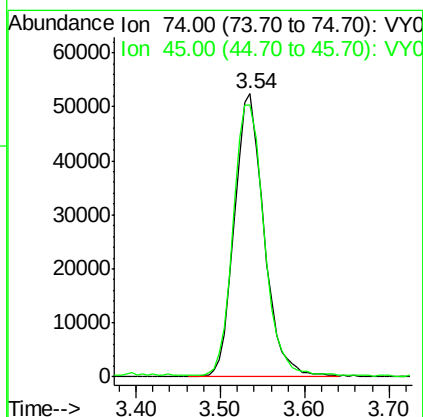
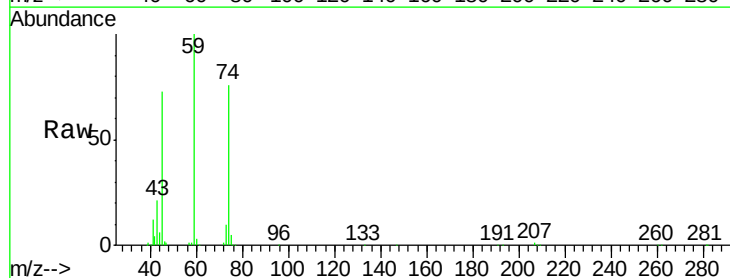
Tot Ion:101 Resp: 364905
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6

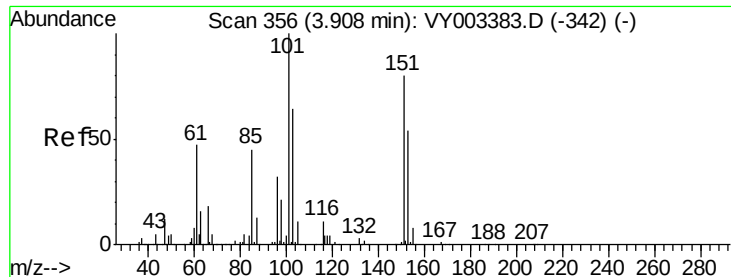


#8

Diethyl Ether
 Concen: 44.436 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion: 74 Resp: 123855
 Ion Ratio Lower Upper
 74 100
 45 100.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.262 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

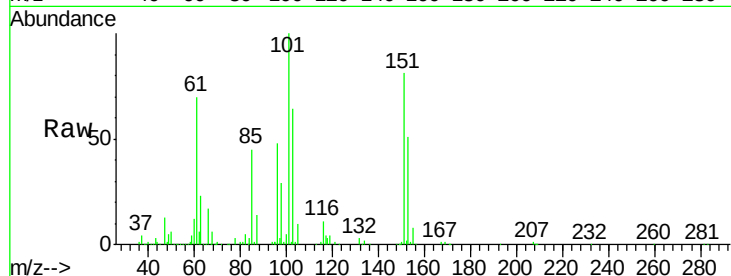
Tot Ion:101 Resp: 221183

Ion Ratio Lower Upper

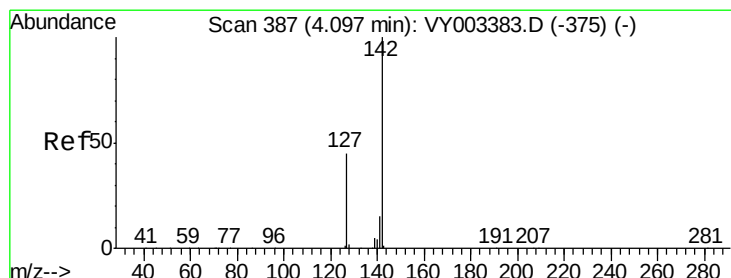
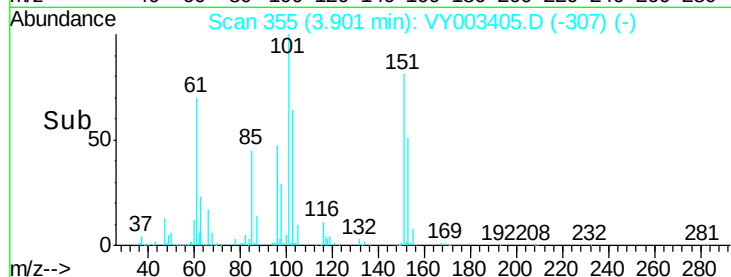
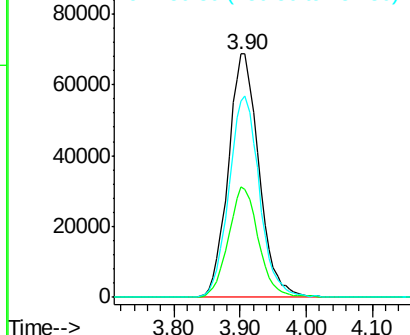
101 100

85 44.4 35.7 53.5

151 82.1 65.7 98.5



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: 39.327 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

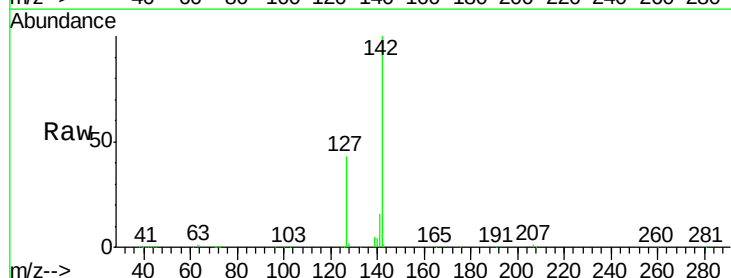
Tgt Ion:142 Resp: 218284

Ion Ratio Lower Upper

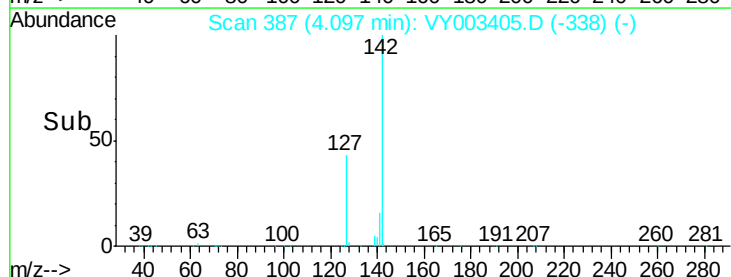
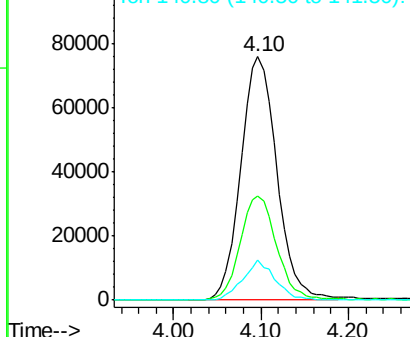
142 100

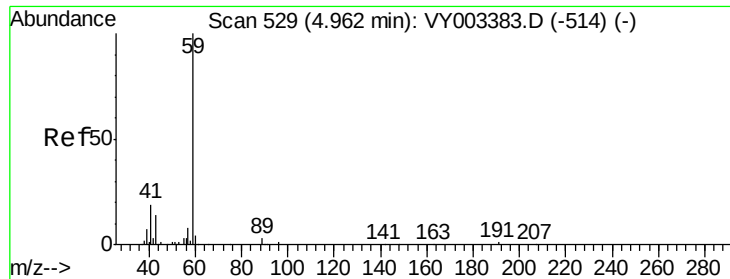
127 43.4 34.6 52.0

141 14.7 11.4 17.0



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



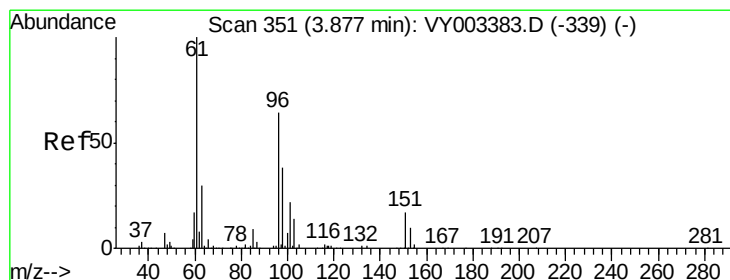
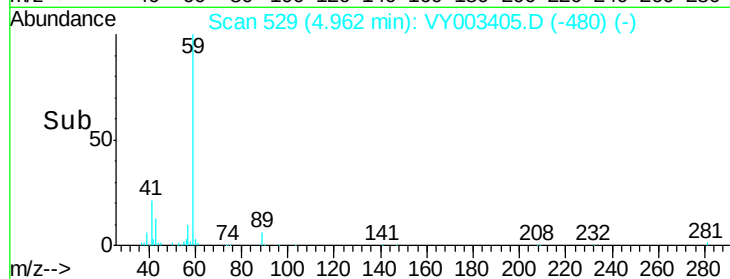
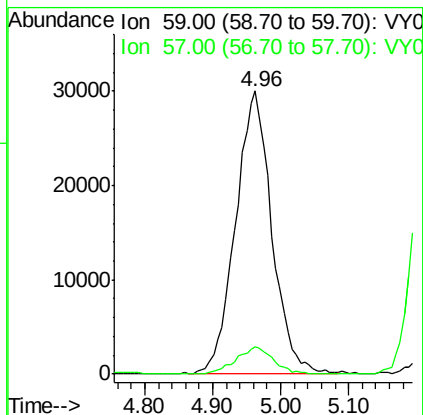
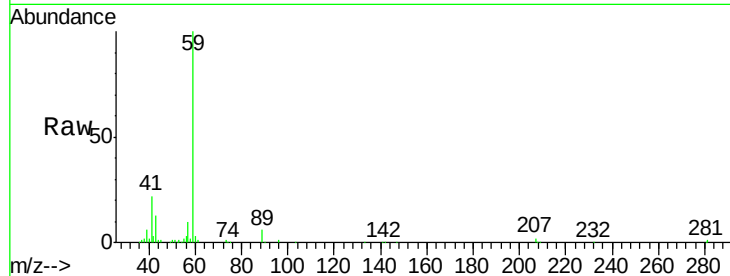


#11

Tert butyl alcohol
 Concen: 226.394 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

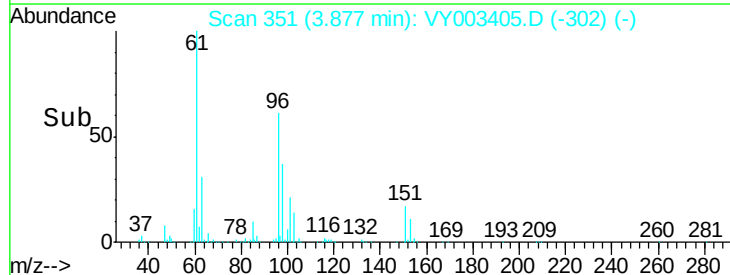
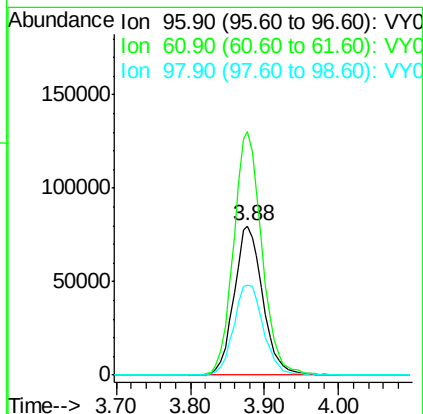
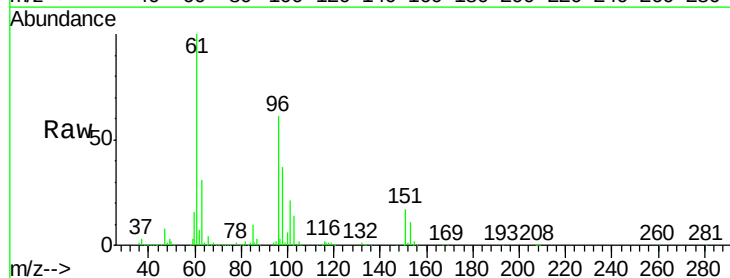
Tot Ion: 59 Resp: 111365
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

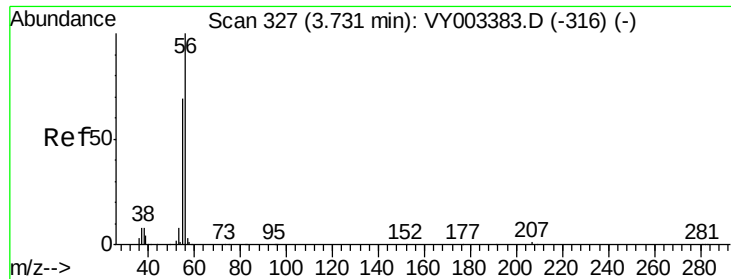


#12

1,1-Dichloroethene
 Concen: 46.446 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion: 96 Resp: 215420
 Ion Ratio Lower Upper
 96 100
 61 163.0 124.7 187.1
 98 60.5 47.4 71.2

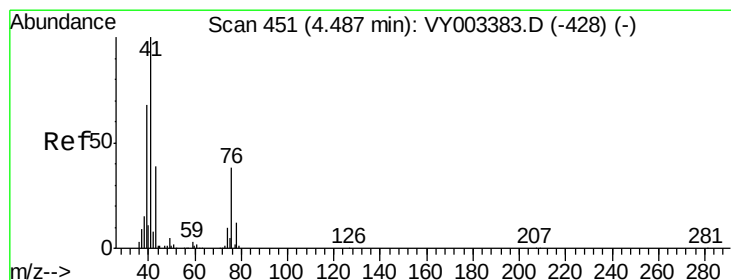
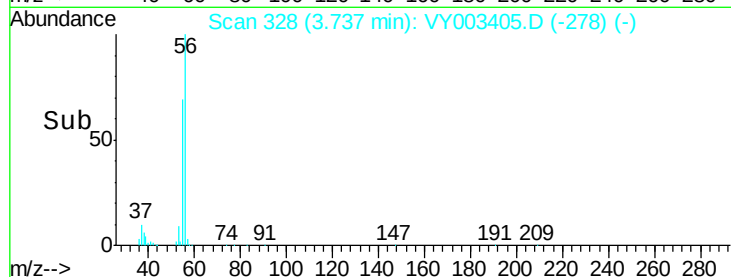
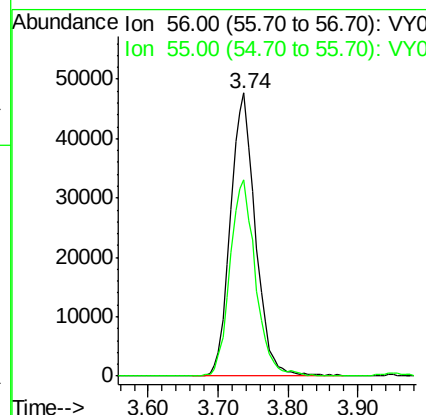
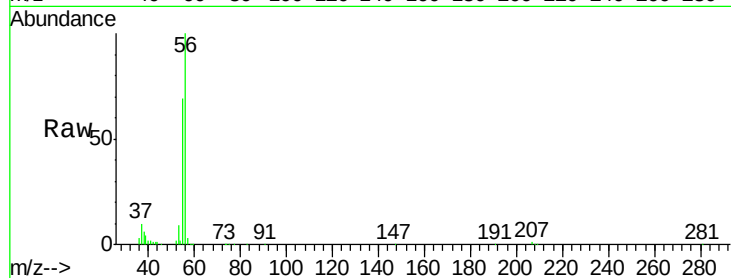




#13
 Acrolein
 Concen: 224.705 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

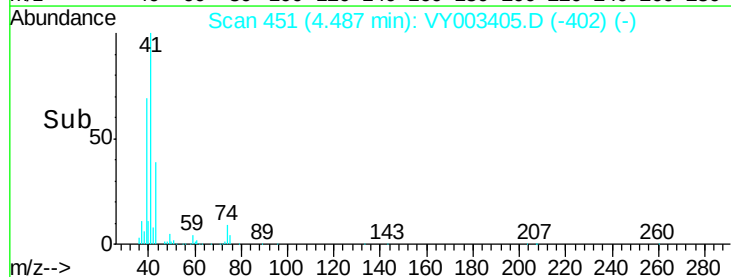
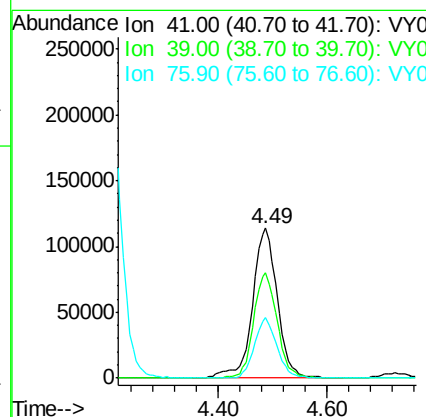
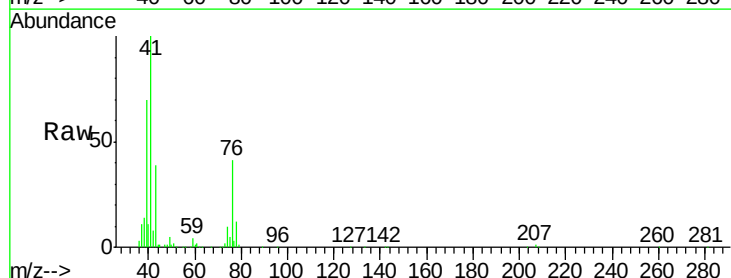
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

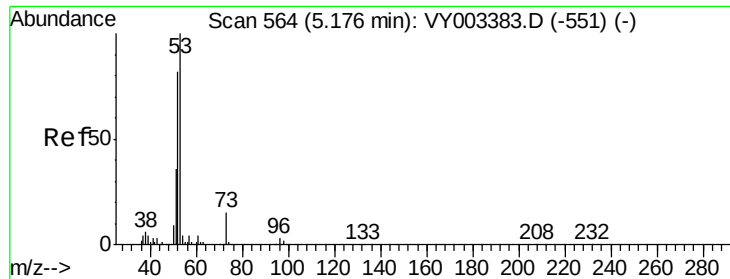
Tot Ion: 56 Resp: 118400
 Ion Ratio Lower Upper
 56 100
 55 71.1 55.5 83.3



#14
 Allyl chloride
 Concen: 46.127 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion: 41 Resp: 358332
 Ion Ratio Lower Upper
 41 100
 39 66.9 52.7 79.1
 76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 231.024 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

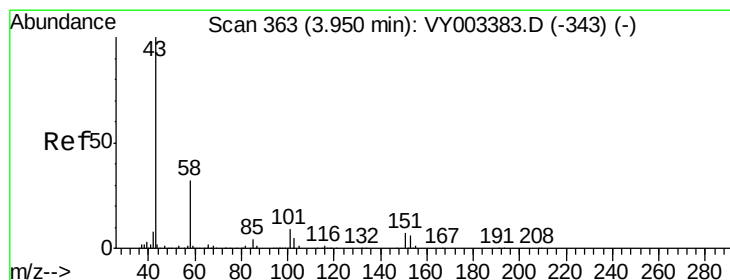
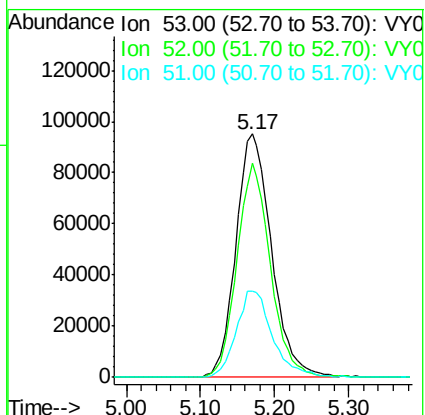
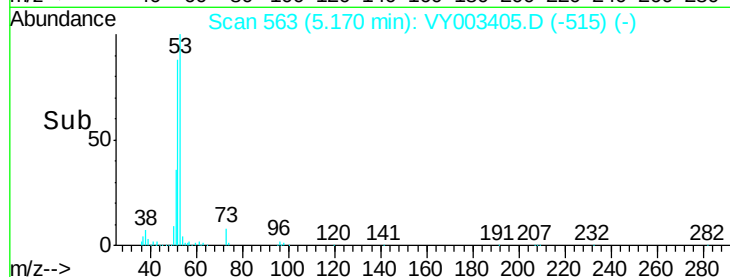
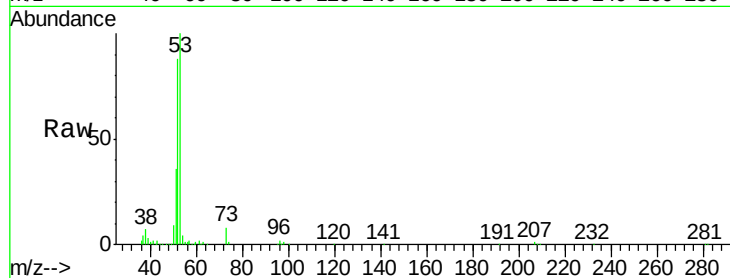
Tot Ion: 53 Resp: 319485

Ion Ratio Lower Upper

53 100

52 82.8 67.0 100.6

51 36.2 29.3 43.9



#16

Acetone

Concen: 259.681 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003405.D

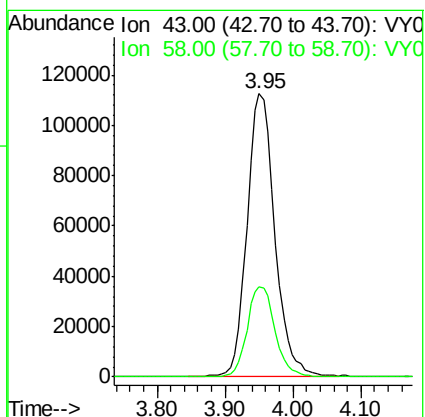
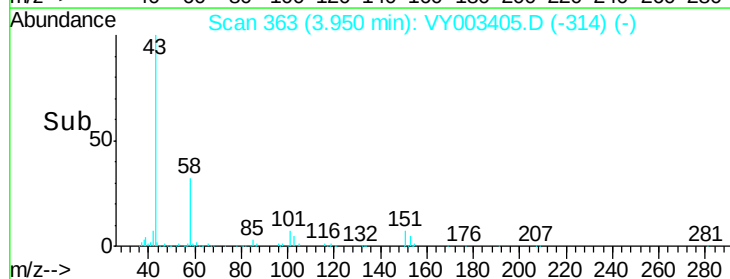
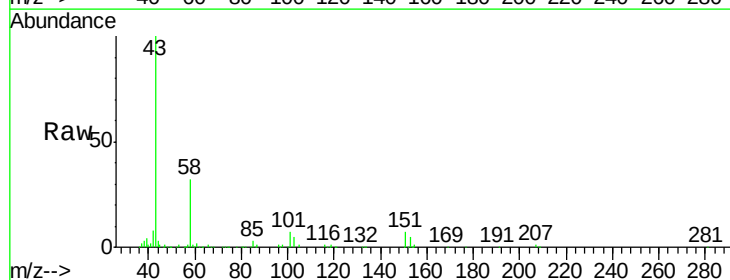
Acq: 03 Aug 2020 10:03

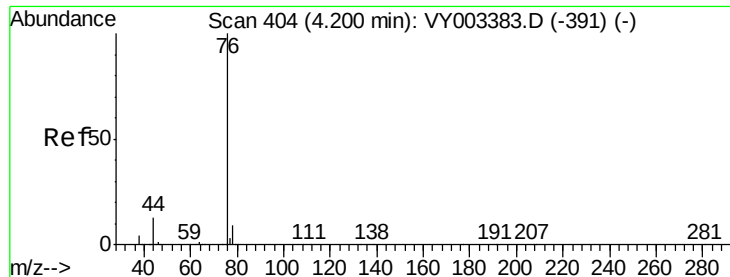
Tgt Ion: 43 Resp: 321215

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.2





#17

Carbon Disulfide

Concen: 46.022 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

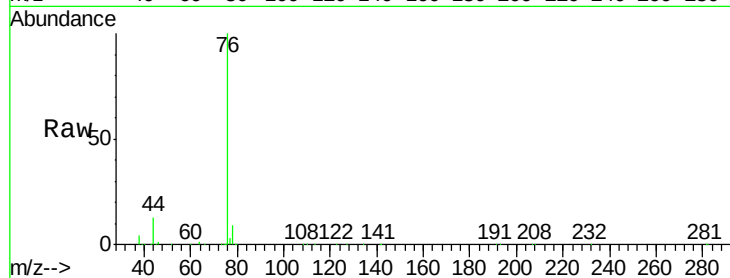
VSTDCCC050

Tot Ion: 76 Resp: 695862

Ion Ratio Lower Upper

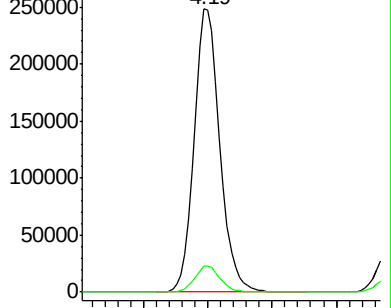
76 100

78 9.2 7.5 11.3

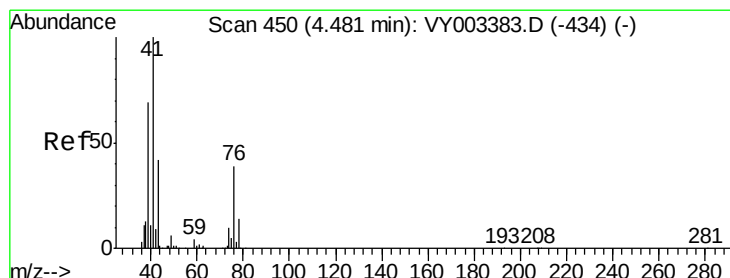
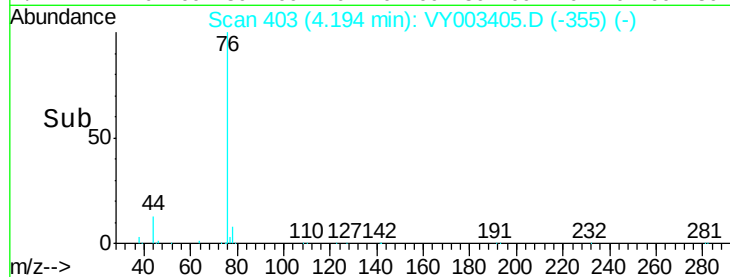


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#18

Methyl Acetate

Concen: 43.651 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003405.D

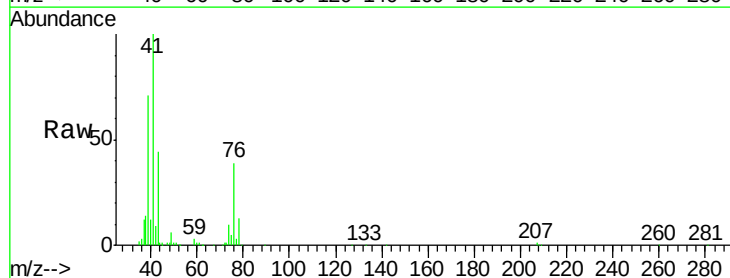
Acq: 03 Aug 2020 10:03

Tgt Ion: 43 Resp: 142456

Ion Ratio Lower Upper

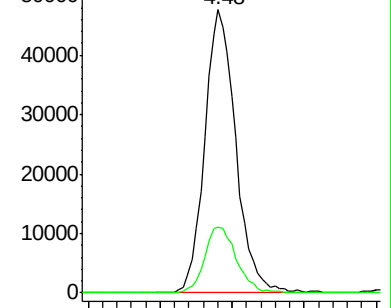
43 100

74 24.0 19.2 28.8

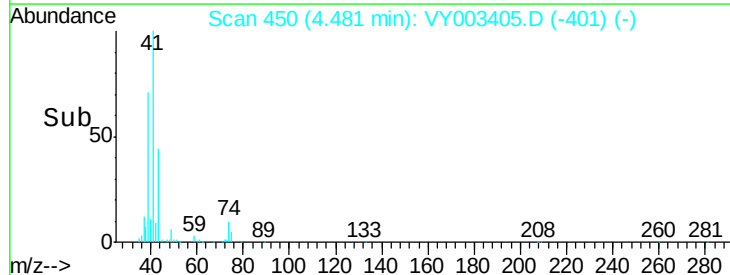


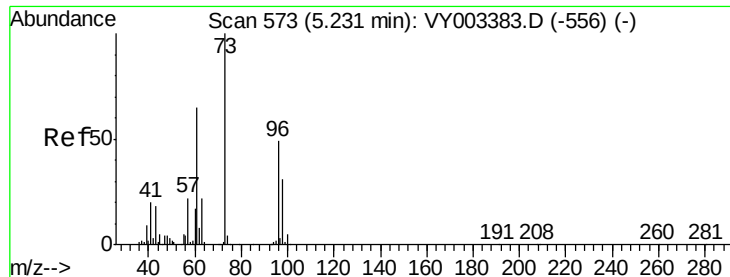
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



Time-->

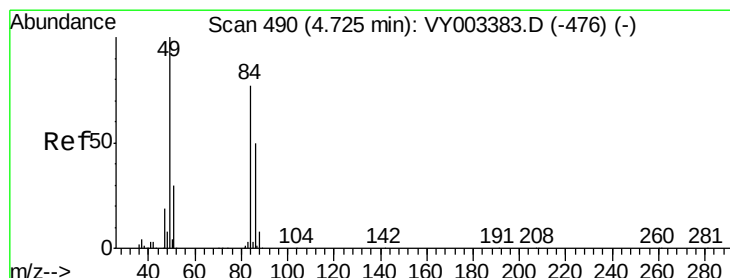
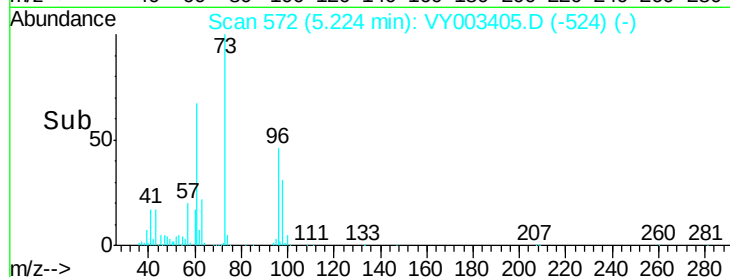
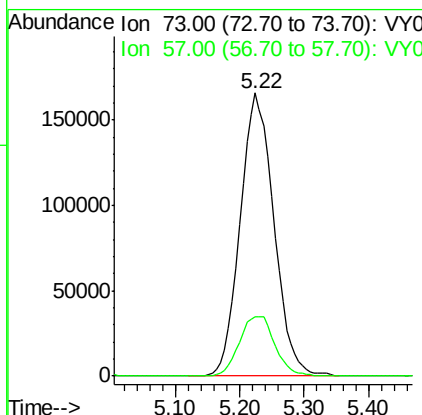
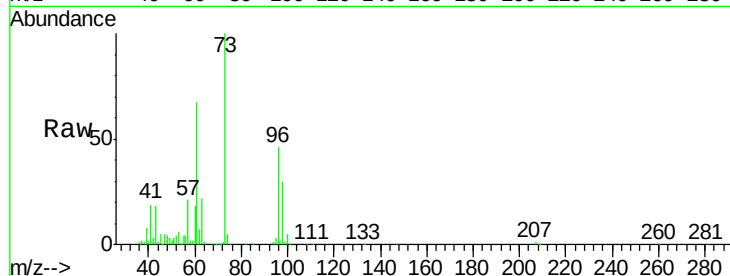




#19
Methyl tert-butyl Ether
Concen: 46.675 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

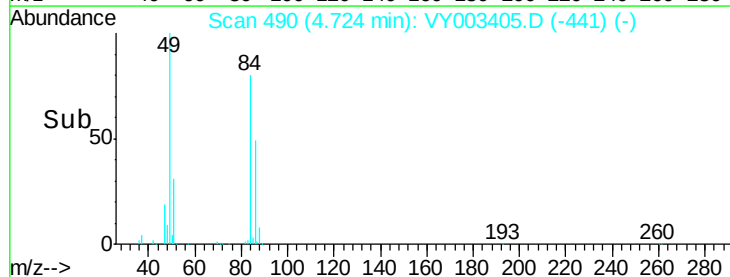
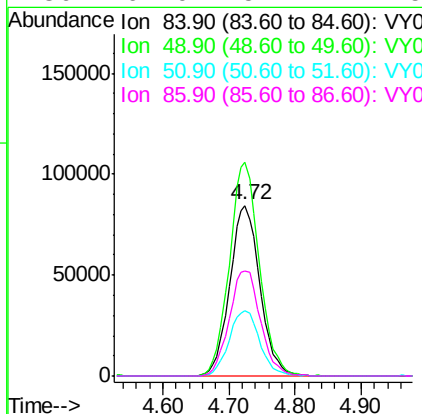
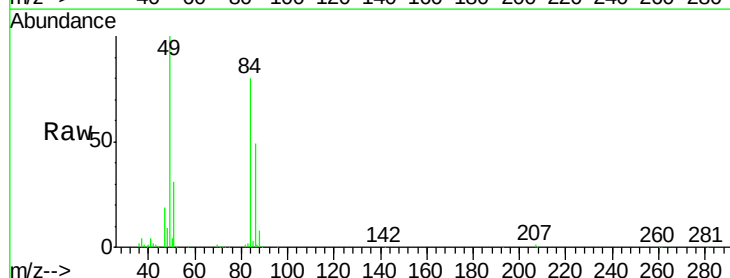
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

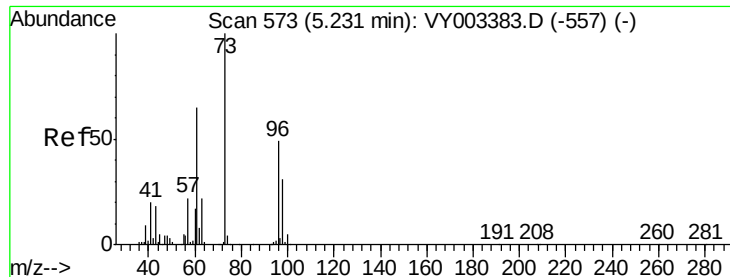
Tot Ion: 73 Resp: 598434
Ion Ratio Lower Upper
73 100
57 21.0 17.8 26.8



#20
Methylene Chloride
Concen: 41.391 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 84 Resp: 266025
Ion Ratio Lower Upper
84 100
49 125.4 104.2 156.4
51 38.3 31.5 47.3
86 62.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.221 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

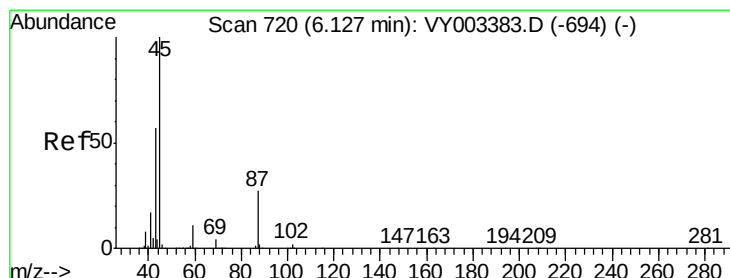
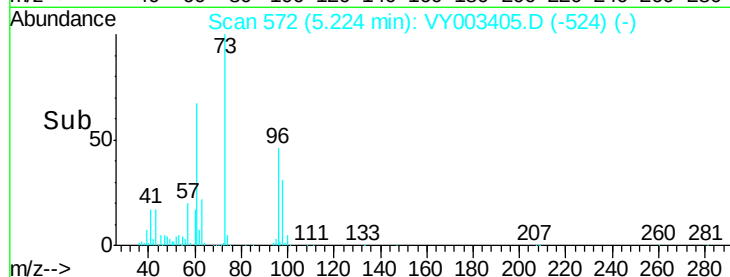
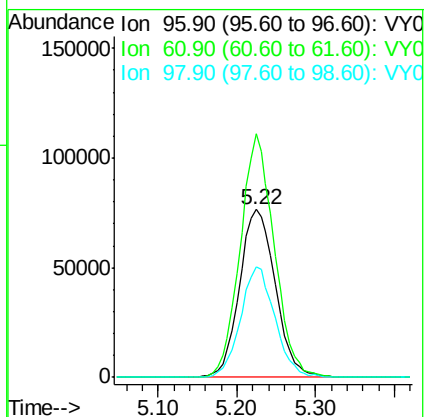
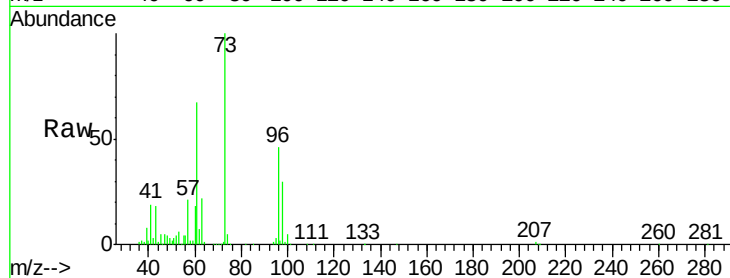
Tot Ion: 96 Resp: 242345

Ion Ratio Lower Upper

96 100

61 145.0 106.3 159.5

98 66.0 50.8 76.2



#22

Diisopropyl ether

Concen: 46.607 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Tgt Ion: 45 Resp: 760677

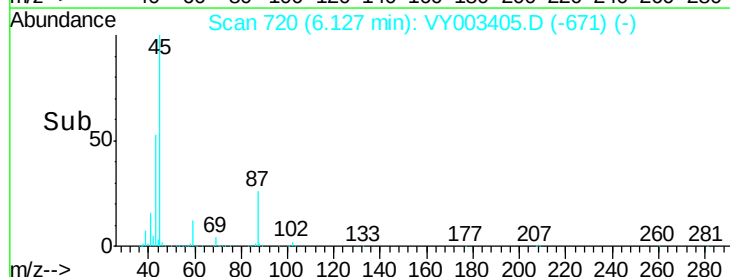
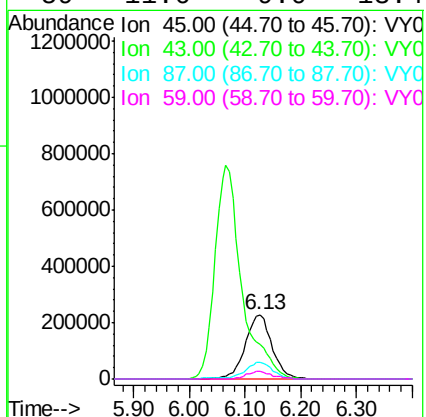
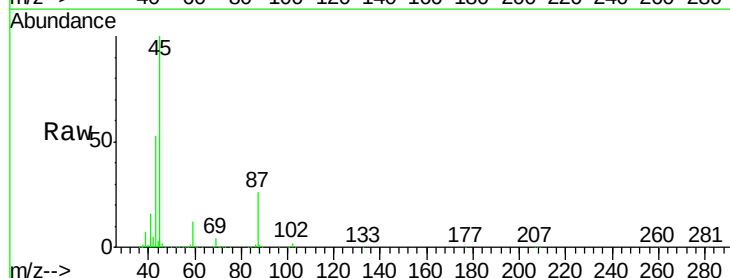
Ion Ratio Lower Upper

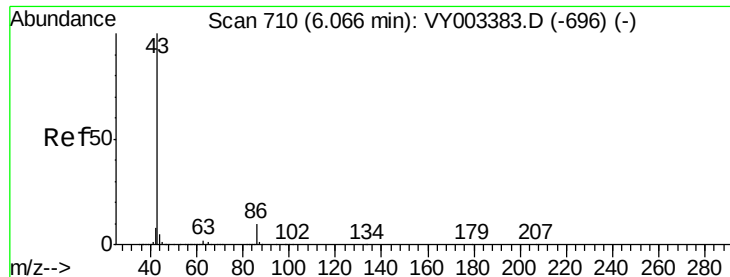
45 100

43 53.0 45.6 68.4

87 25.9 21.3 31.9

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 237.665 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

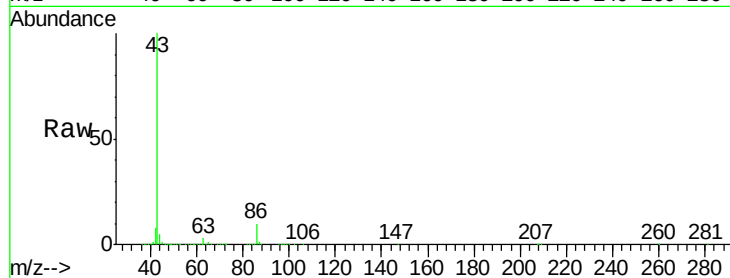
VSTDCCC050

Tot Ion: 43 Resp: 2541165

Ion Ratio Lower Upper

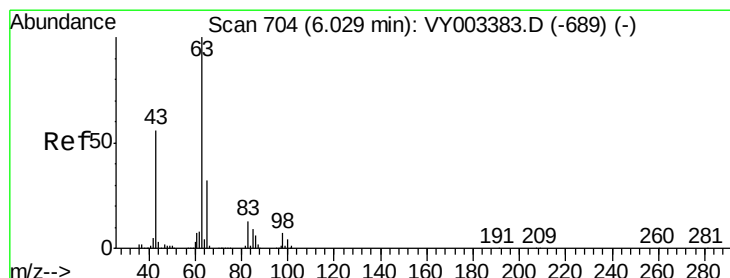
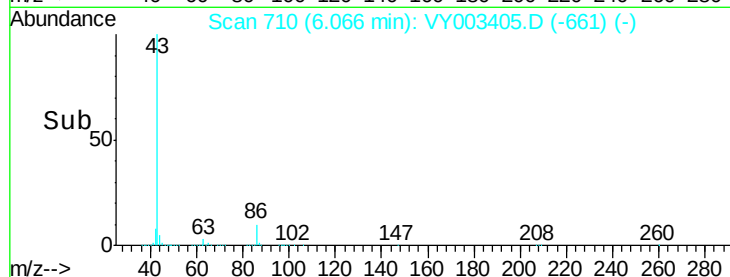
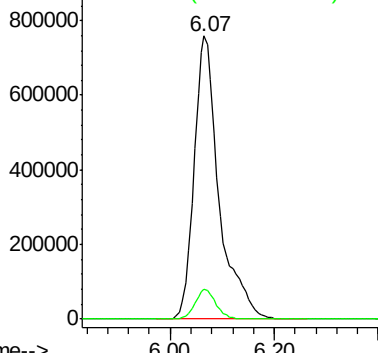
43 100

86 10.5 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 46.744 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

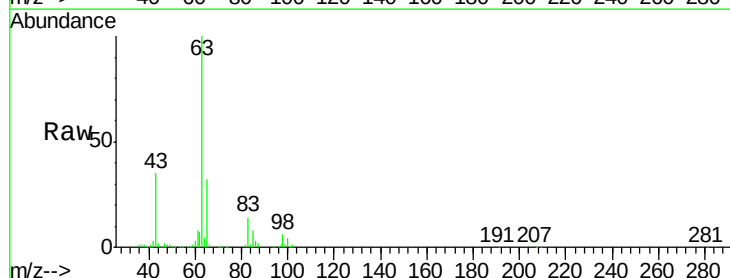
Tgt Ion: 63 Resp: 427530

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

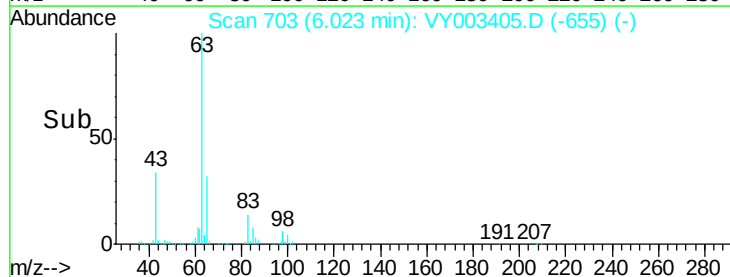
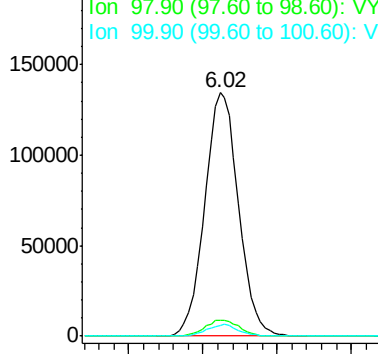
100 4.2 2.2 6.6

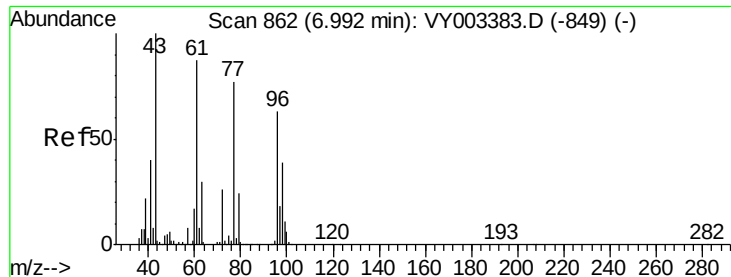


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 239.780 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

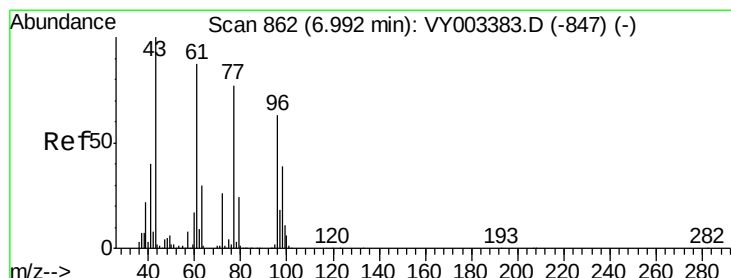
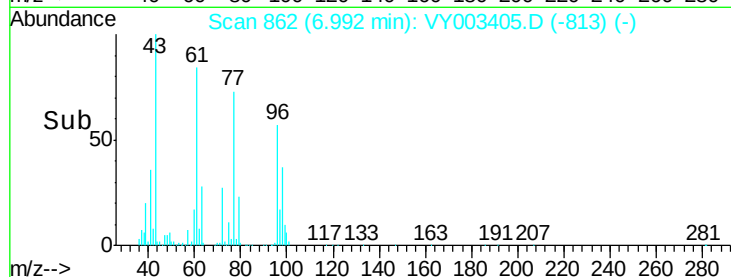
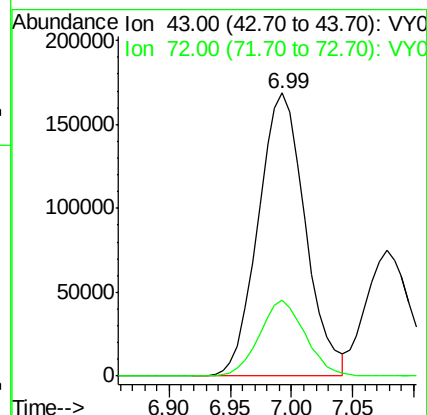
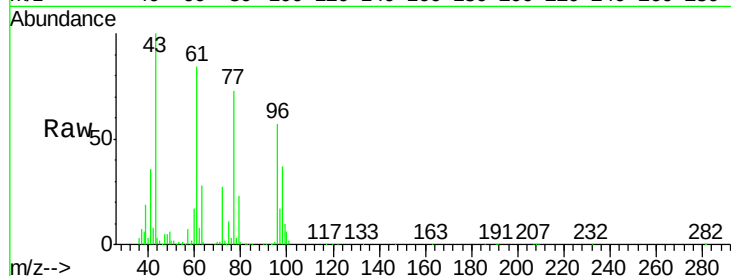
VSTDCCC050

Tot Ion: 43 Resp: 451991

Ion Ratio Lower Upper

43 100

72 26.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 46.703 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003405.D

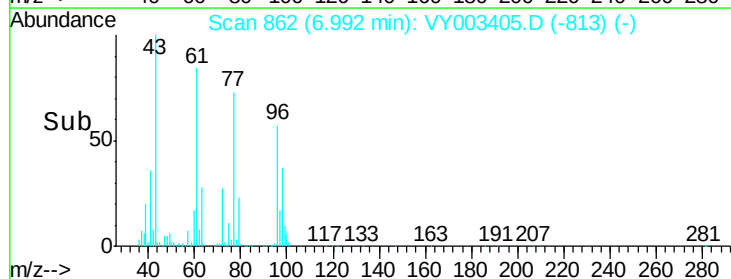
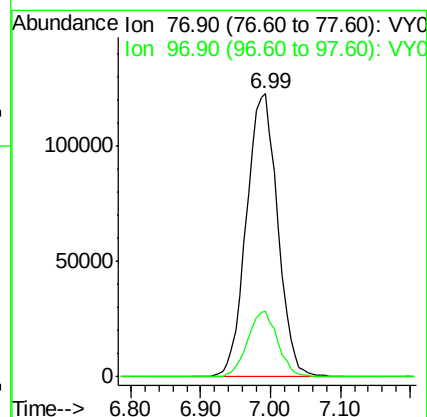
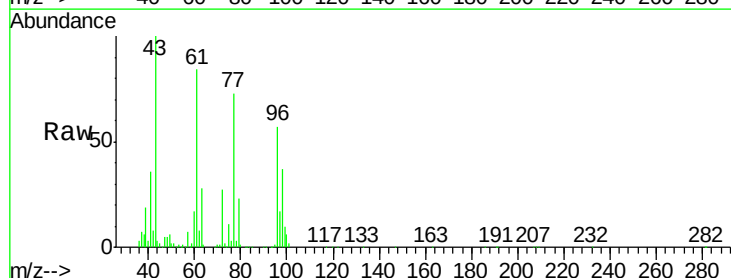
Acq: 03 Aug 2020 10:03

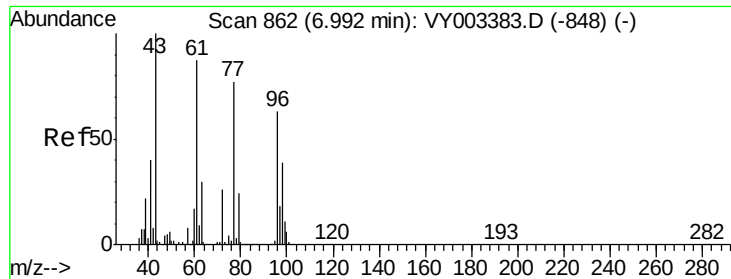
Tgt Ion: 77 Resp: 381150

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



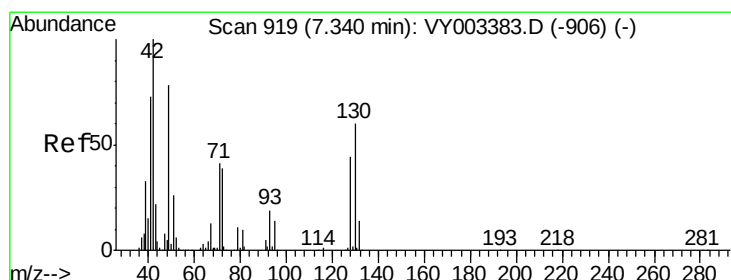
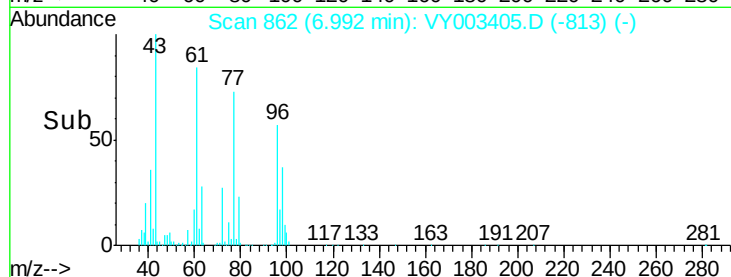
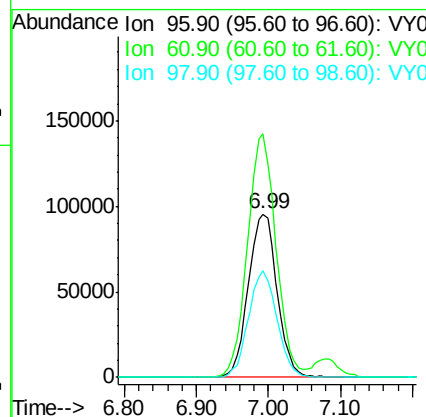
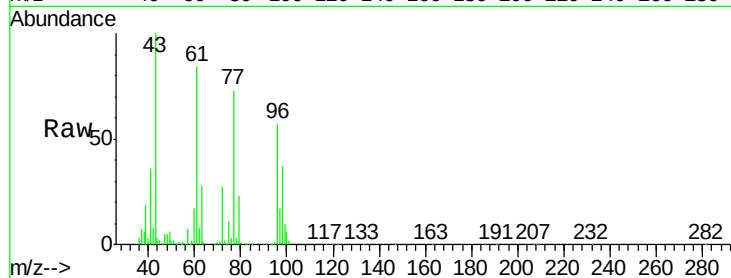


#27

cis-1,2-Dichloroethene
 Concen: 45.929 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

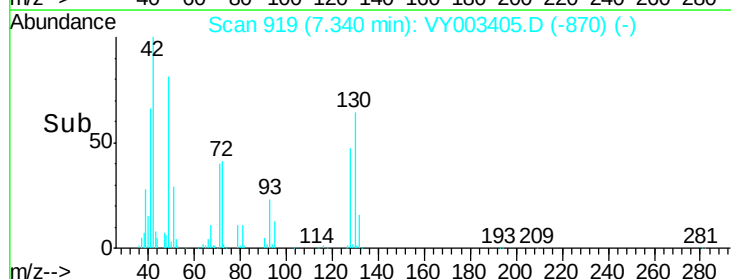
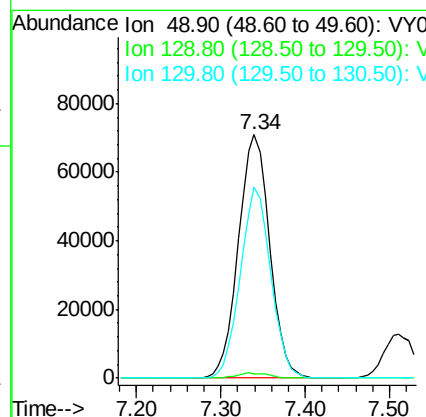
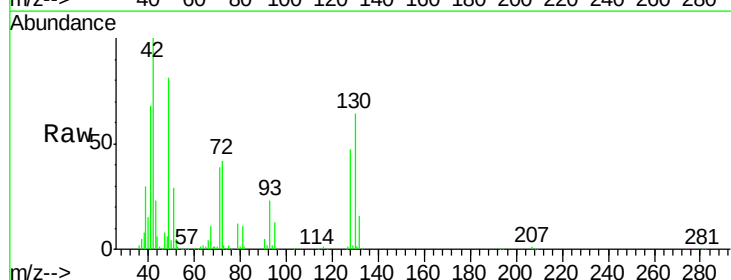
Tot Ion	96	Resp	264620
Ion Ratio	Lower	Upper	
96	100		
61	147.4	0.0	290.0
98	65.1	0.0	129.0

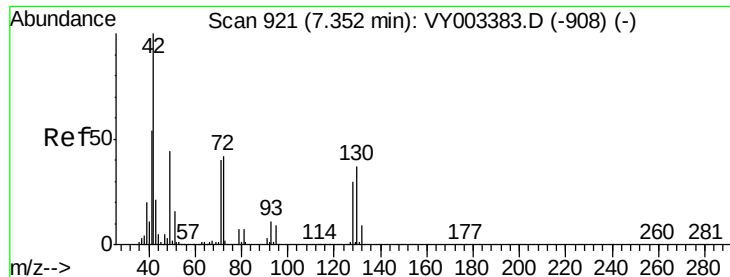


#28

Bromochloromethane
 Concen: 49.938 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion	49	Resp	177667
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.4
130	76.5	60.3	90.5





#29

Tetrahydrofuran

Concen: 231.275 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

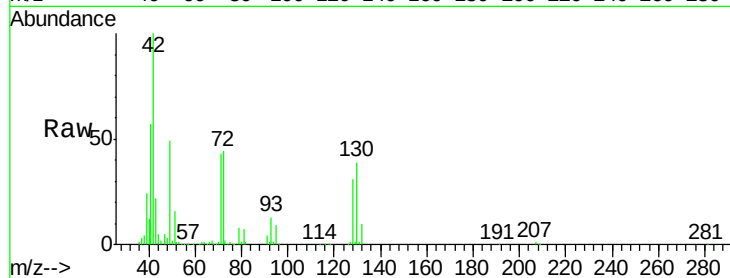
Tot Ion: 42 Resp: 284439

Ion Ratio Lower Upper

42 100

72 42.8 33.5 50.3

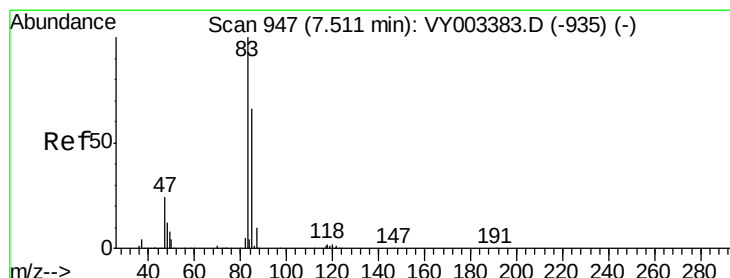
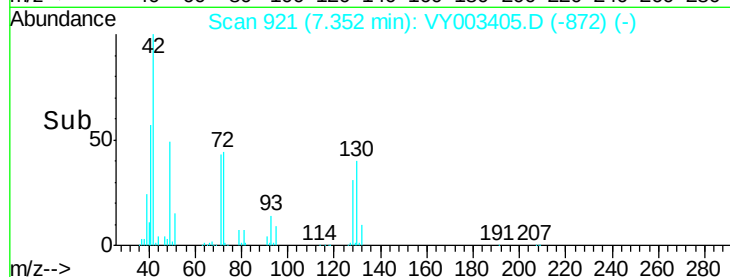
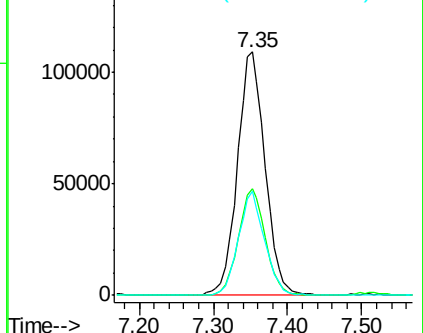
71 40.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 46.752 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003405.D

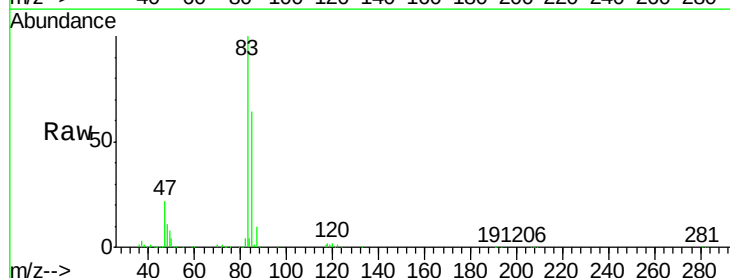
Acq: 03 Aug 2020 10:03

Tgt Ion: 83 Resp: 424128

Ion Ratio Lower Upper

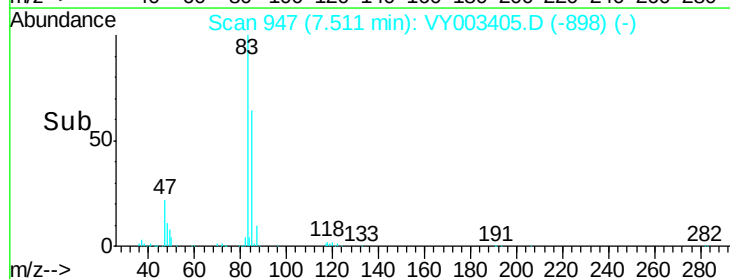
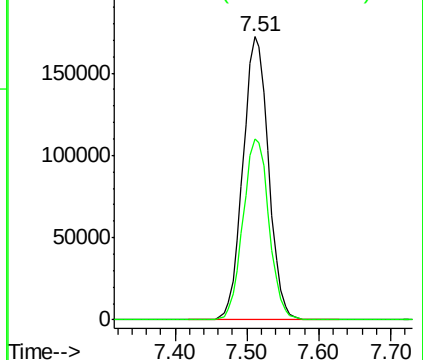
83 100

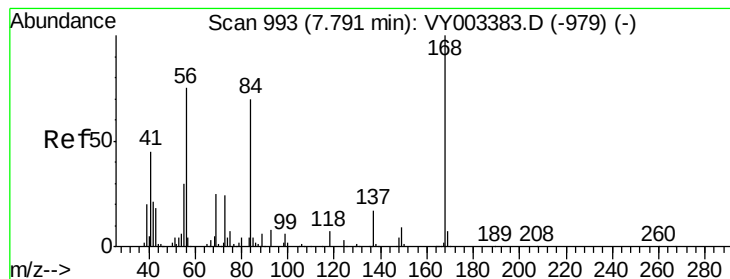
85 63.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.187 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

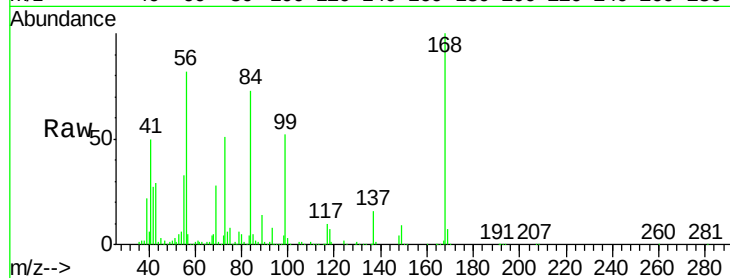
Tot Ion: 56 Resp: 392124

Ion Ratio Lower Upper

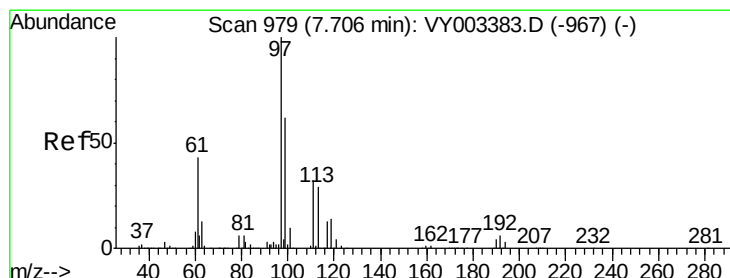
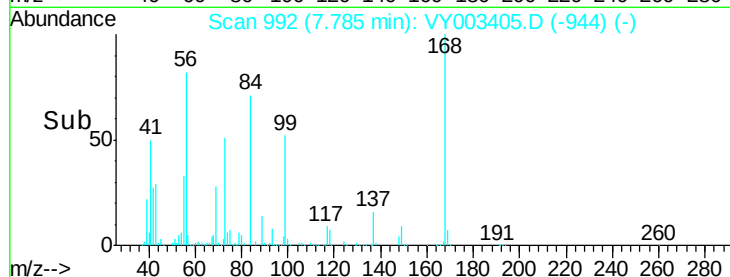
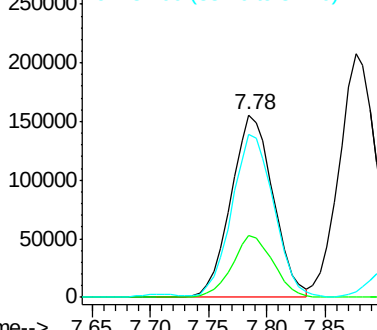
56 100

69 33.6 26.1 39.1

84 87.7 73.9 110.9



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



#32

1,1,1-Trichloroethane

Concen: 46.186 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

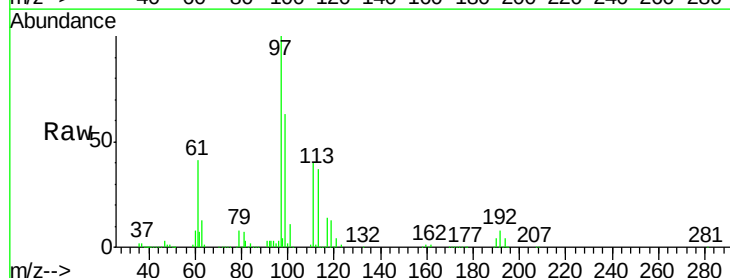
Tgt Ion: 97 Resp: 382284

Ion Ratio Lower Upper

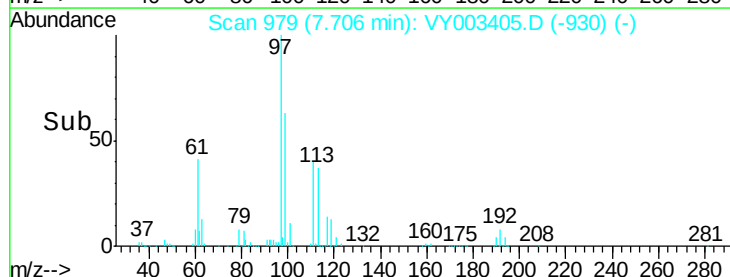
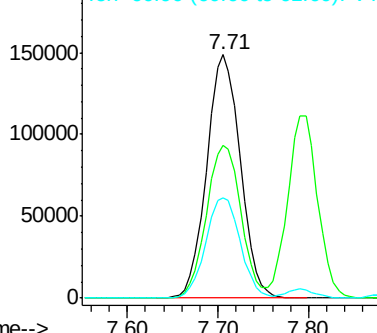
97 100

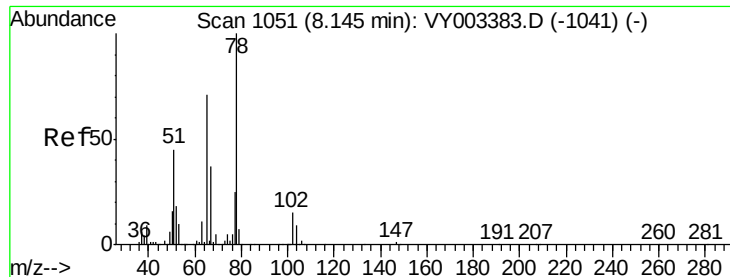
99 64.7 50.9 76.3

61 42.3 33.7 50.5



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

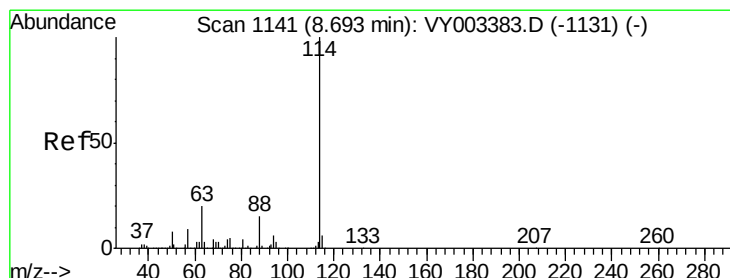
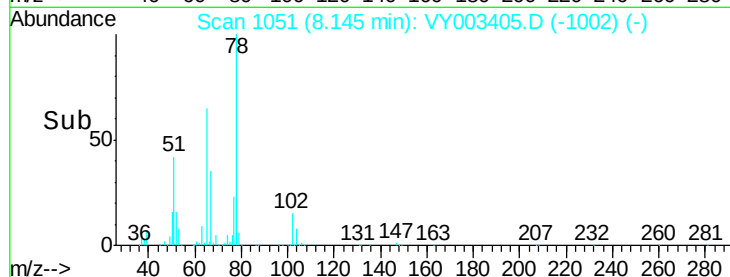
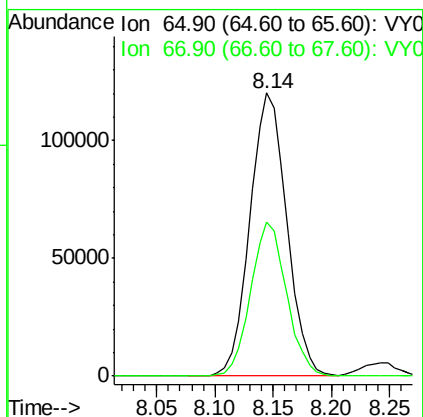
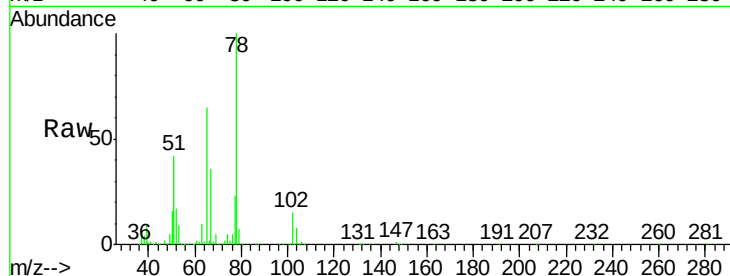




#33
 1,2-Dichloroethane-d4
 Concen: 53.005 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

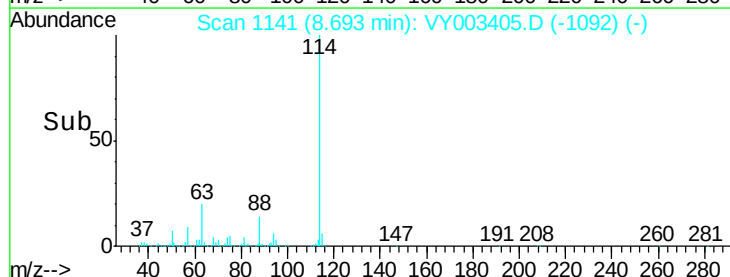
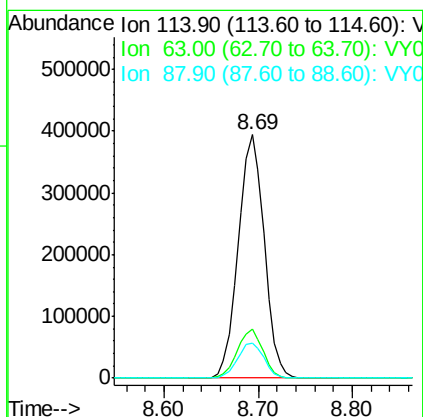
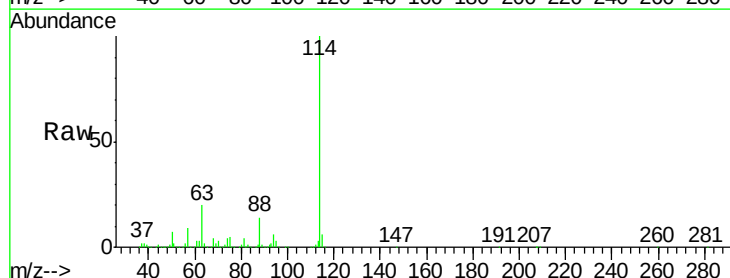
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

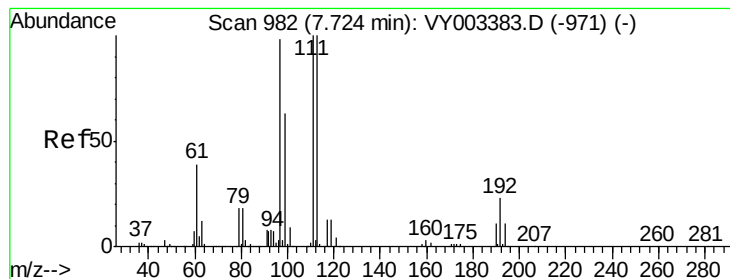
Tot Ion: 65 Resp: 265363
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion: 114 Resp: 759052
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 54.468 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

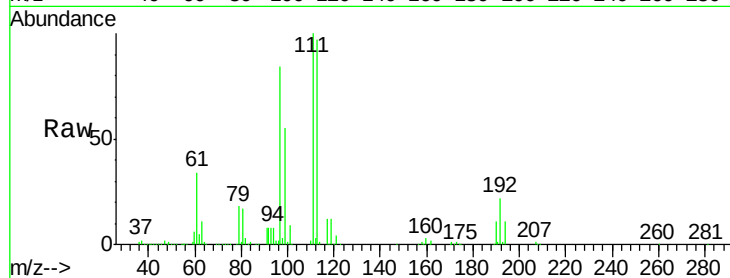
Tot Ion:113 Resp: 243542

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

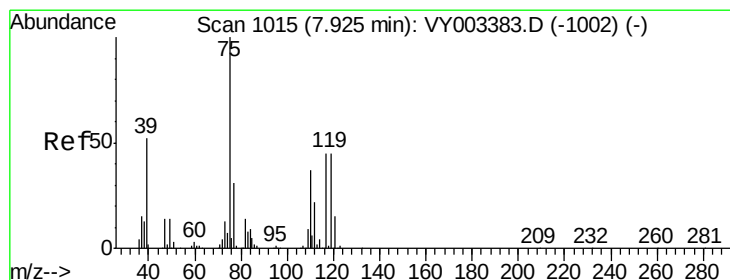
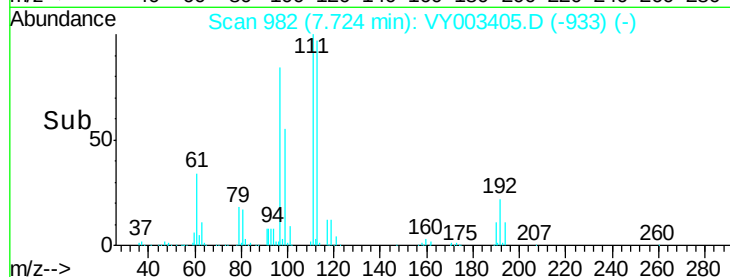
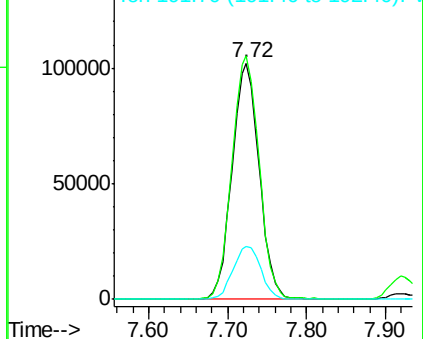
192 23.3 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.763 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

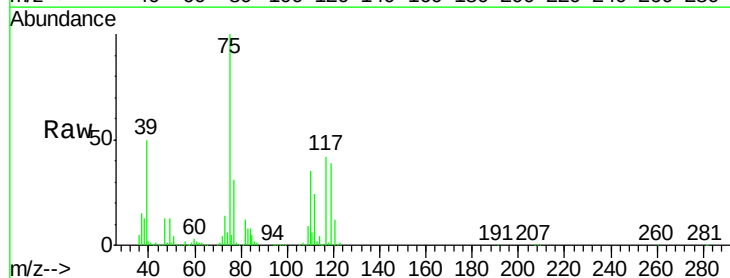
Tgt Ion: 75 Resp: 343080

Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.5

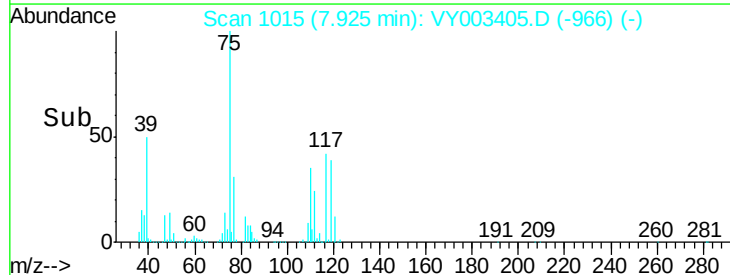
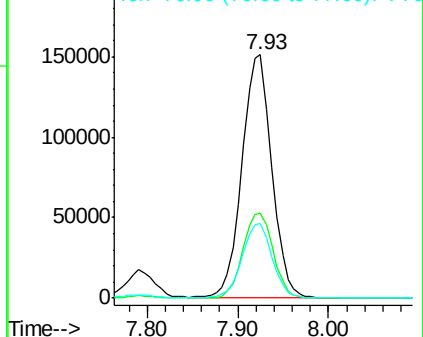
77 31.3 24.6 36.8

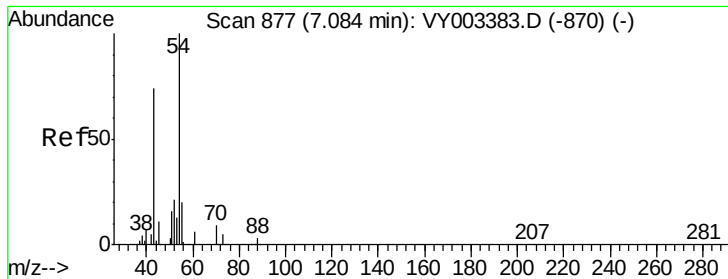


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

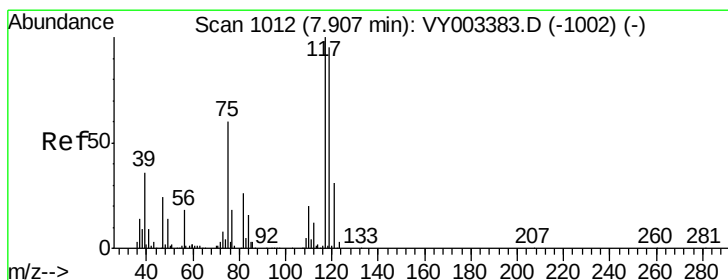
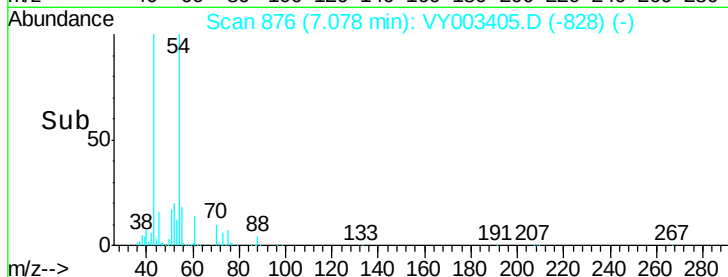
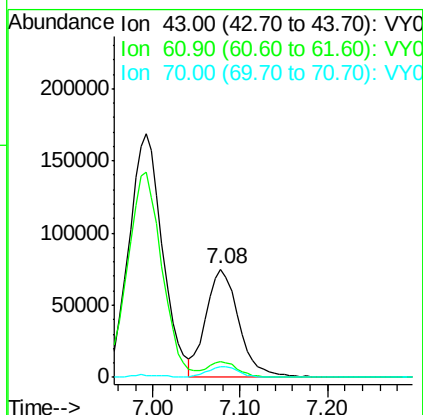
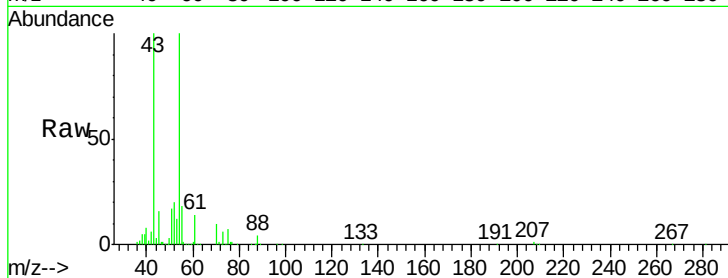




#37
Ethyl Acetate
Concen: 48.251 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

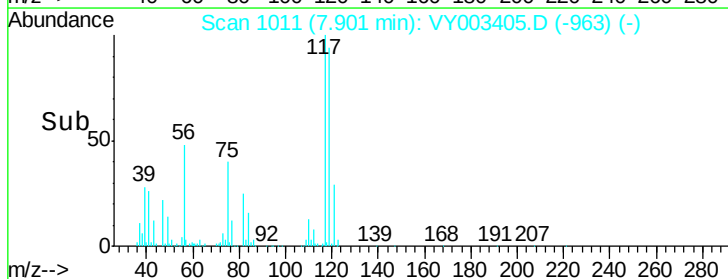
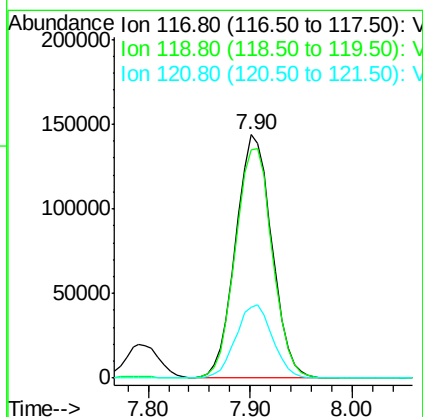
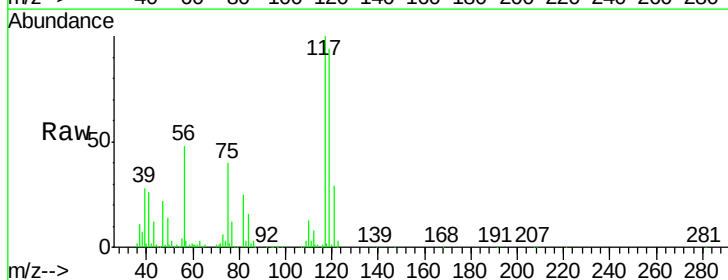
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

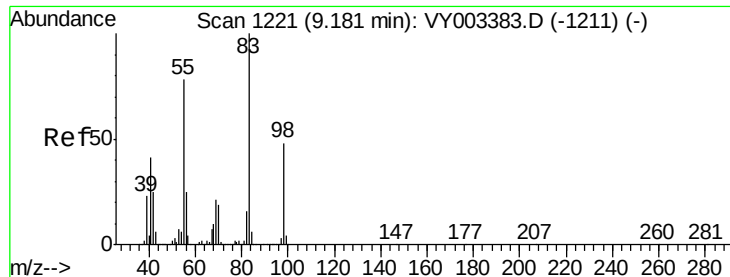
Tot Ion: 43 Resp: 197073
Ion Ratio Lower Upper
43 100
61 13.7 11.2 16.8
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.047 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 117 Resp: 355132
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 28.9 24.5 36.7

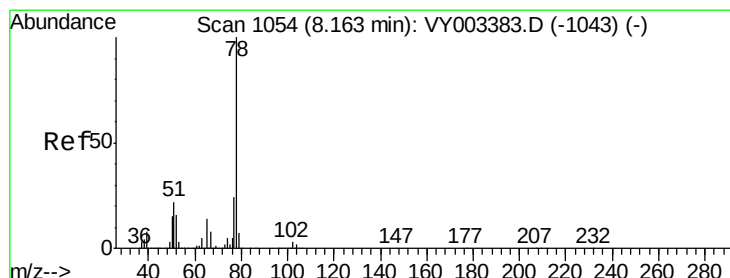
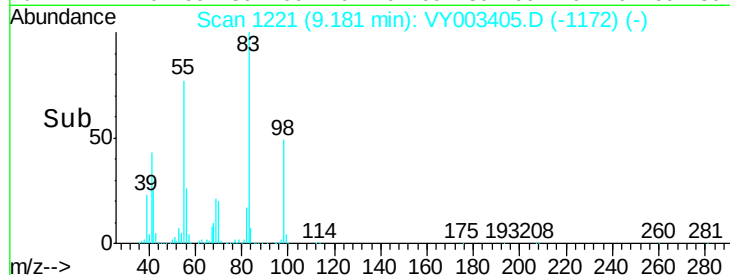
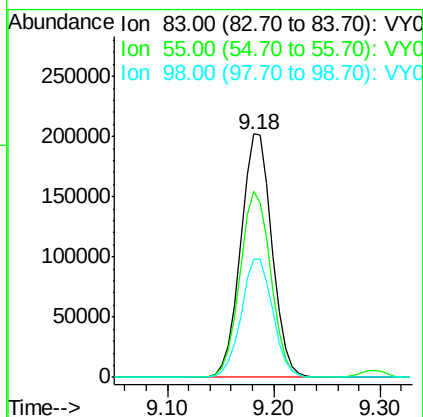
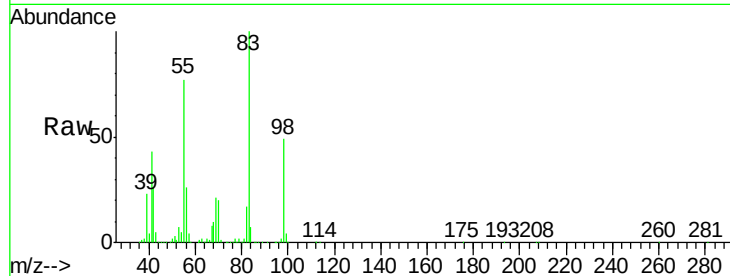




#39
Methylvlcyclohexane
Concen: 47.542 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

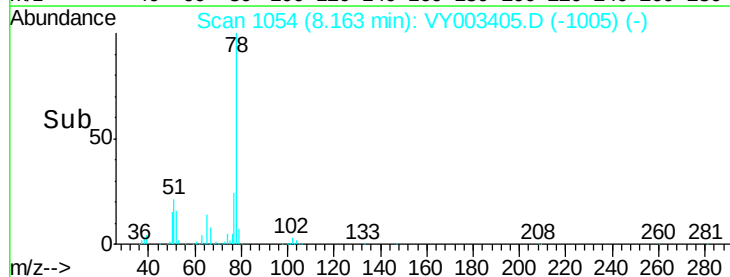
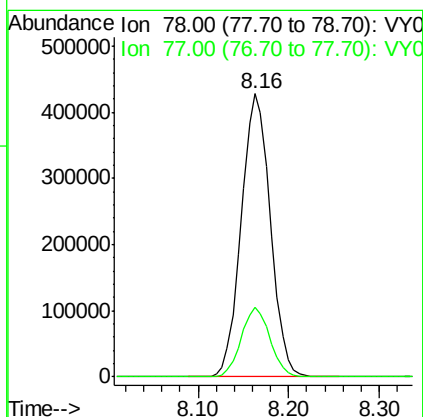
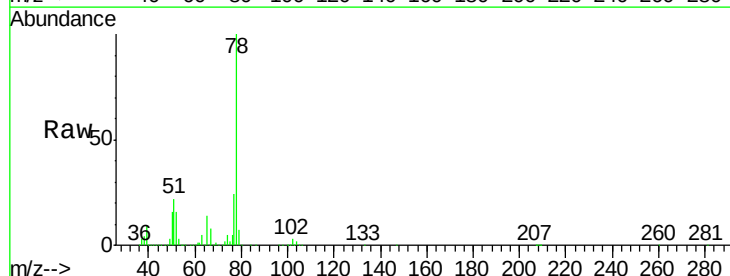
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

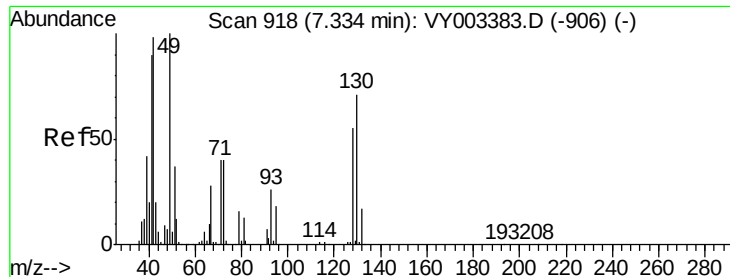
Tot Ion: 83 Resp: 416677
Ion Ratio Lower Upper
83 100
55 76.5 62.2 93.4
98 48.8 38.7 58.1



#40
Benzene
Concen: 47.641 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 78 Resp: 949475
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3

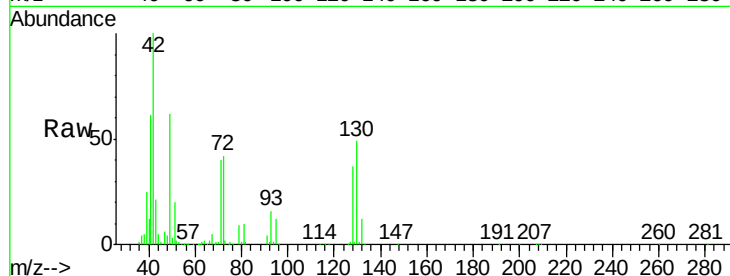




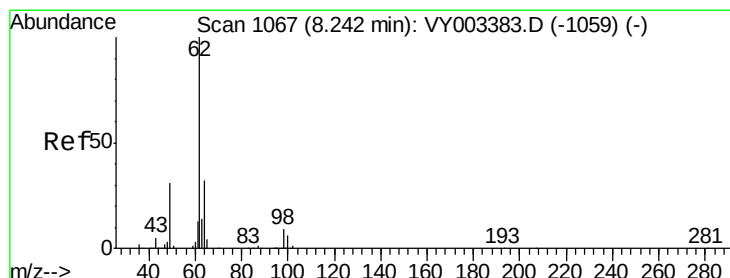
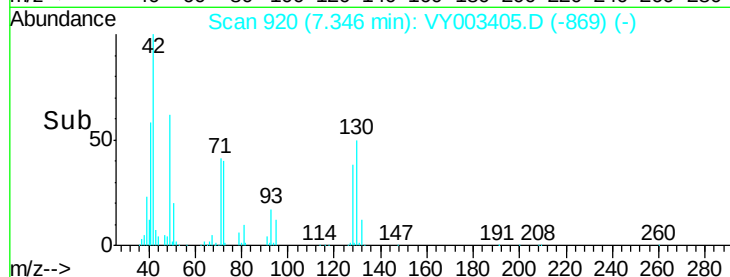
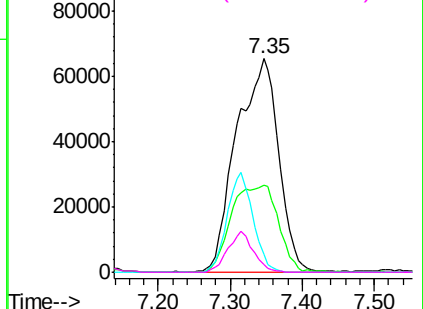
#41
Methacrylonitrile
Concen: 112.998 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	264583
Ion	Ratio	Lower	Upper
41	100		
39	45.8	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

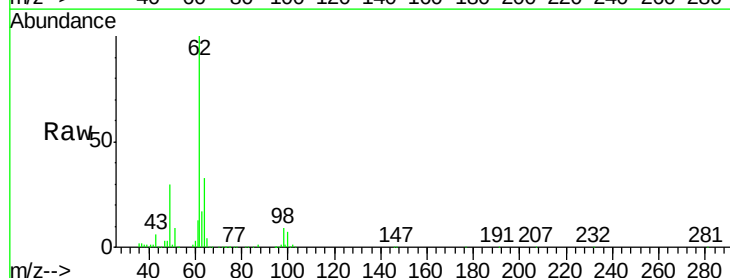


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

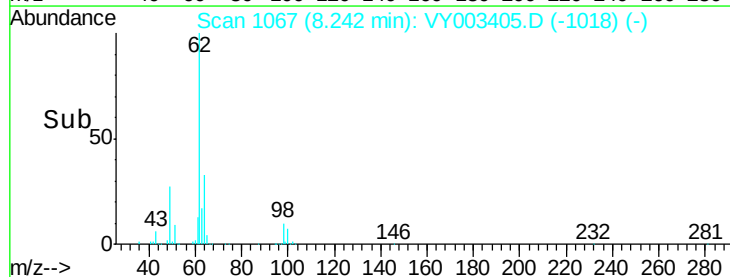
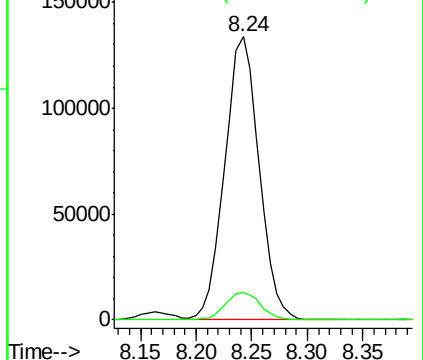


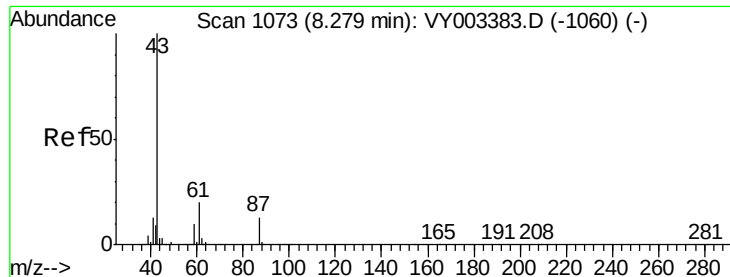
#42
1,2-Dichloroethane
Concen: 47.255 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion:	62	Resp:	286834
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 47.109 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

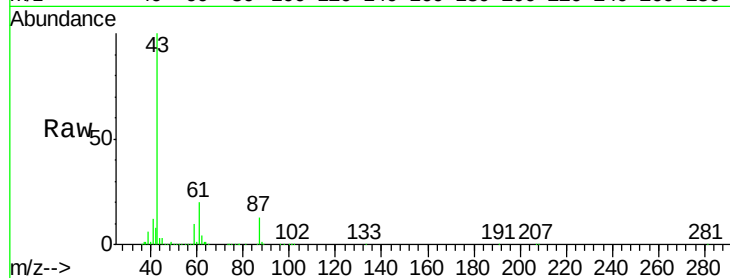
Tot Ion: 43 Resp: 363163

Ion Ratio Lower Upper

43 100

61 28.4 23.0 34.4

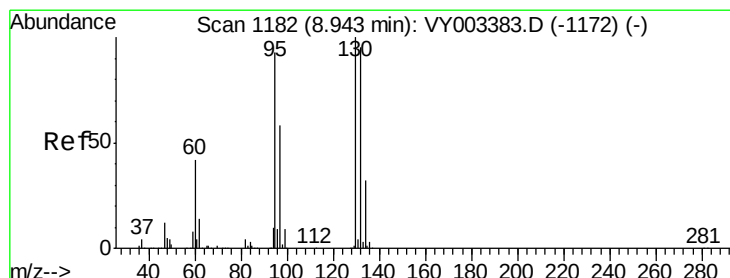
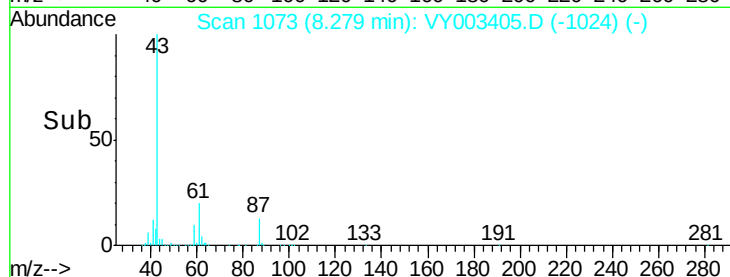
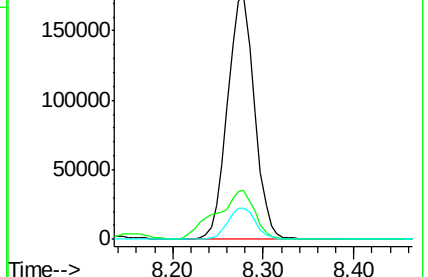
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY003383.D (-1060) (-)

Ion 61.00 (60.70 to 61.70): VY003383.D (-1060) (-)

Ion 87.00 (86.70 to 87.70): VY003383.D (-1060) (-)



#44

Trichloroethene

Concen: 47.387 ug/l

RT: 8.94 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VY003405.D

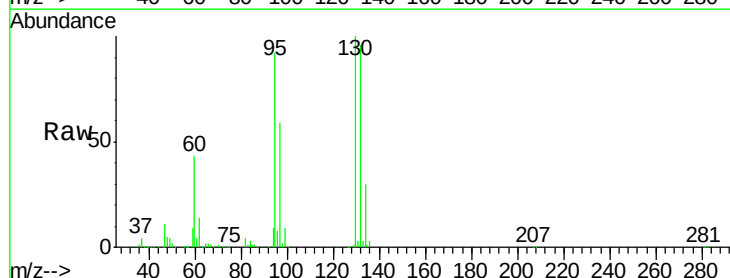
Acq: 03 Aug 2020 10:03

Tgt Ion: 130 Resp: 271617

Ion Ratio Lower Upper

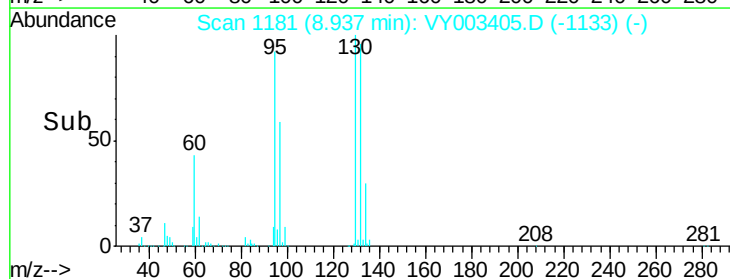
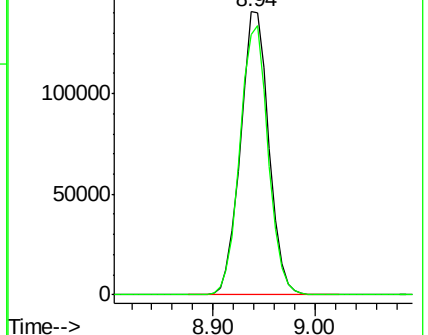
130 100

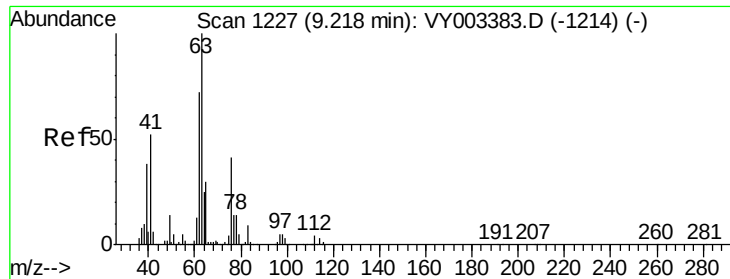
95 92.0 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VY003383.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003383.D (-1172) (-)





#45

1,2-Dichloropropane

Concen: 47.644 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

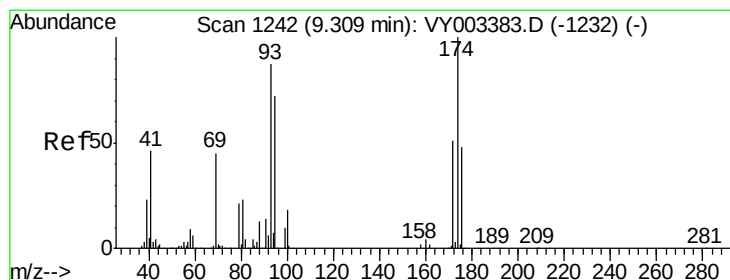
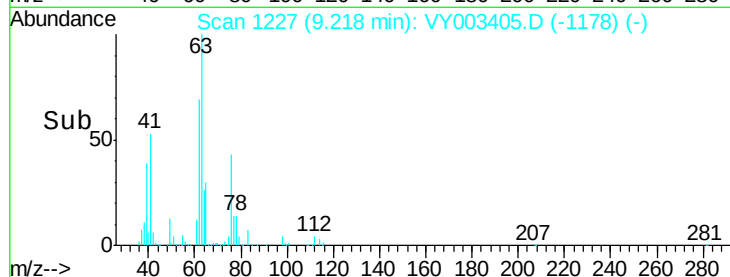
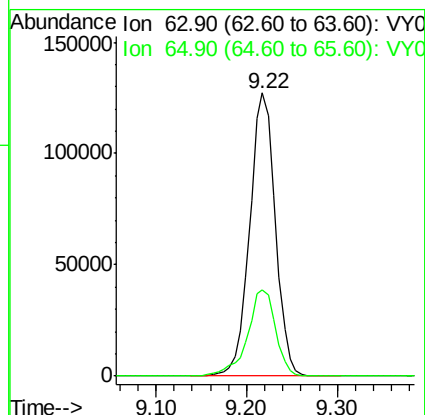
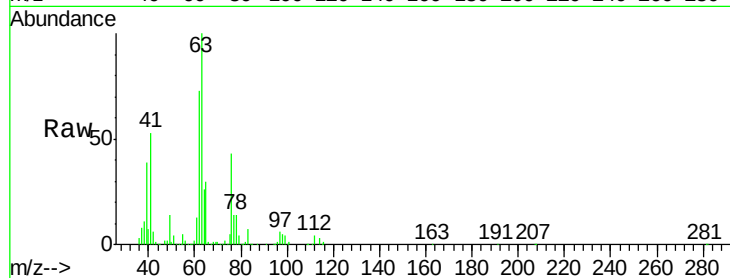
VSTDCCC050

Tot Ion: 63 Resp: 248665

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



#46

Dibromomethane

Concen: 46.517 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

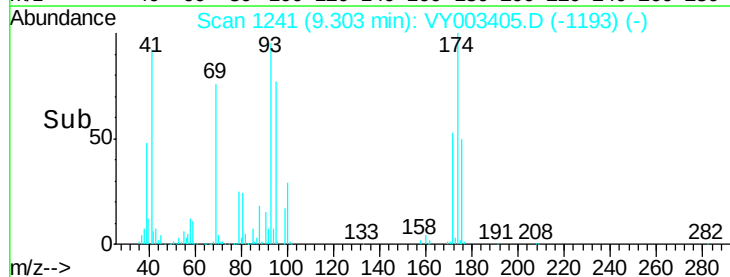
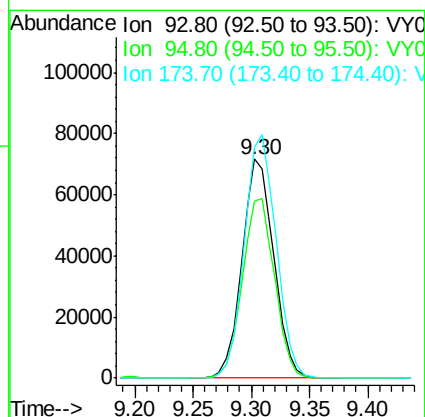
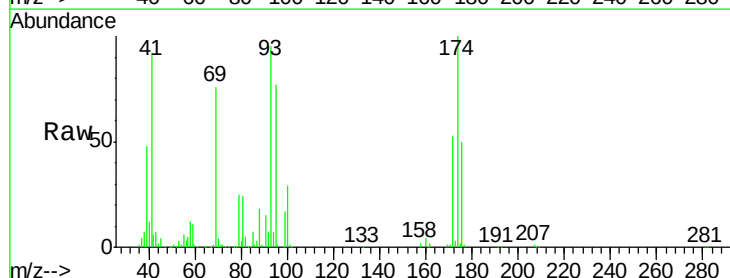
Tgt Ion: 93 Resp: 136214

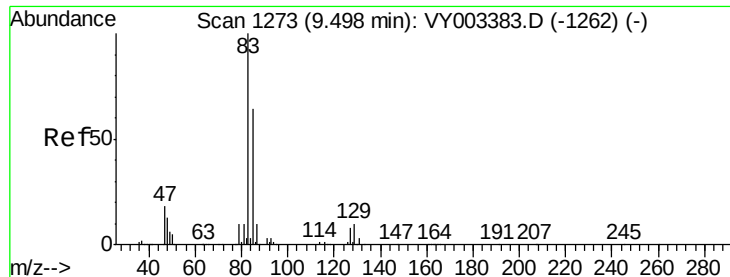
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

174 112.0 88.6 133.0





#47

Bromodichloromethane

Concen: 48.040 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

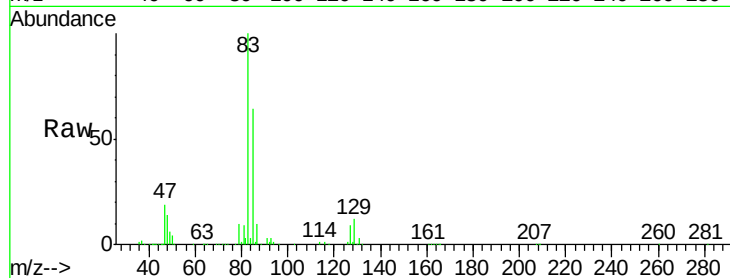
Tot Ion: 83 Resp: 338981

Ion Ratio Lower Upper

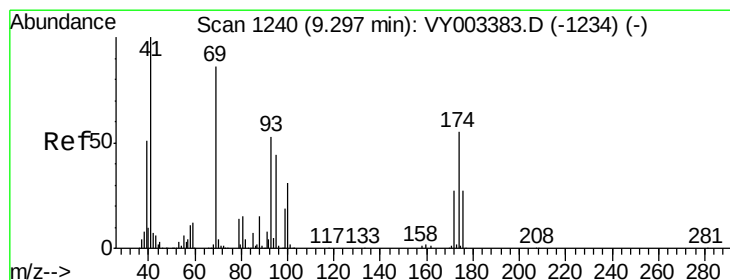
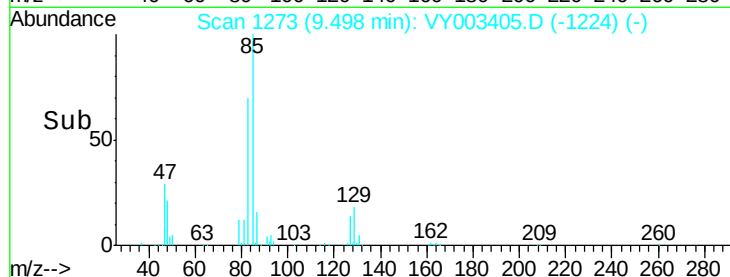
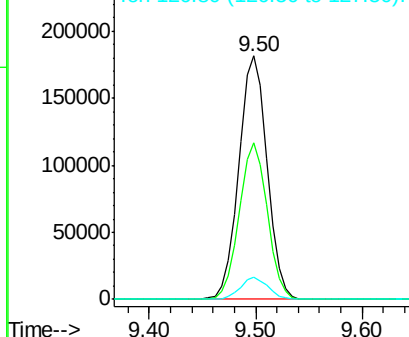
83 100

85 64.1 51.6 77.4

127 9.2 6.5 9.7



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



#48

Methyl methacrylate

Concen: 48.591 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

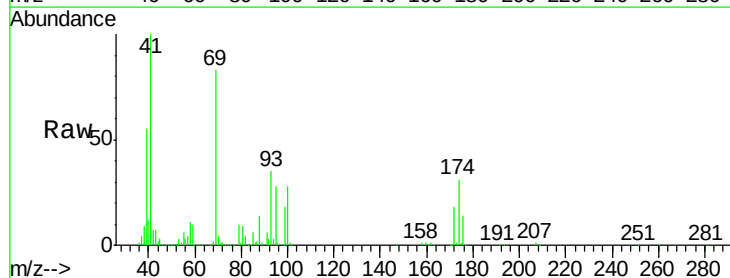
Tgt Ion: 41 Resp: 169086

Ion Ratio Lower Upper

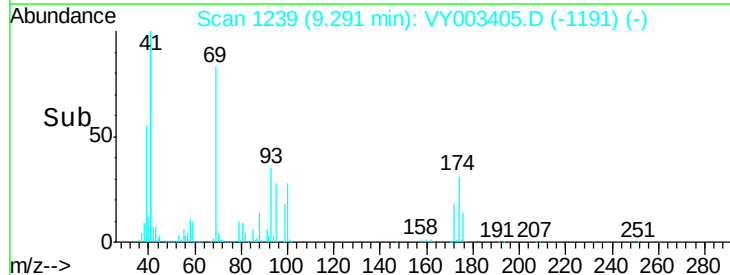
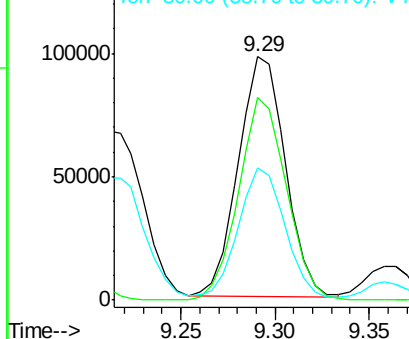
41 100

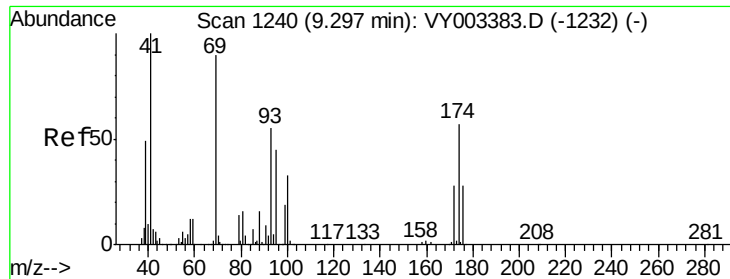
69 85.6 68.9 103.3

39 53.0 43.1 64.7



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

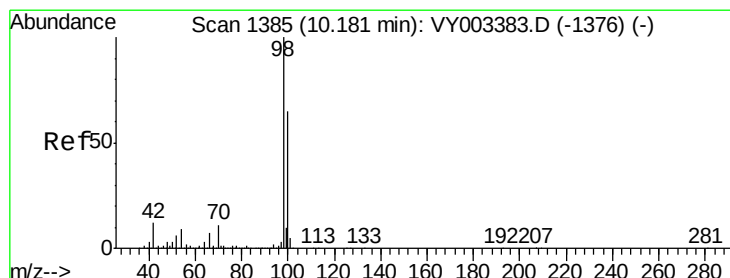
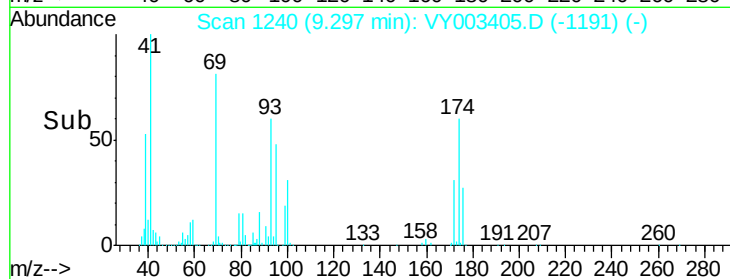
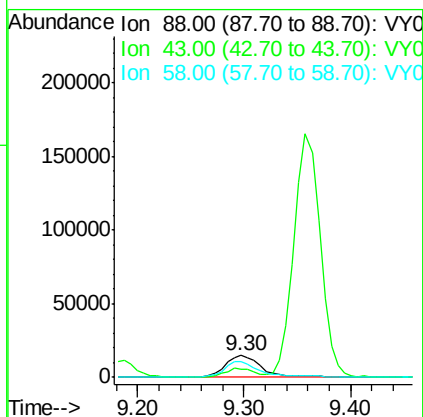
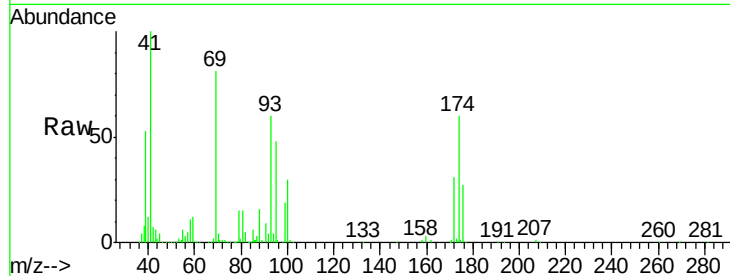




#49
1,4-Dioxane
Concen: 939.164 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

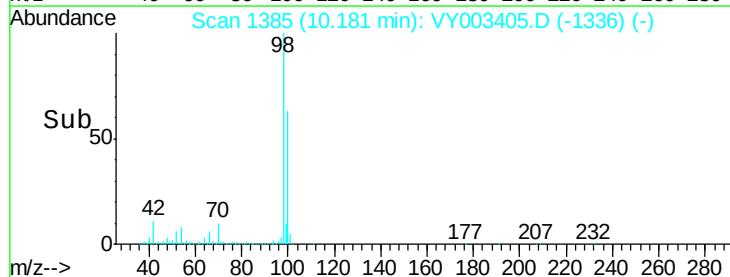
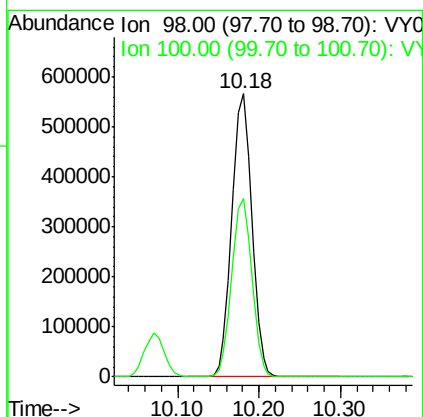
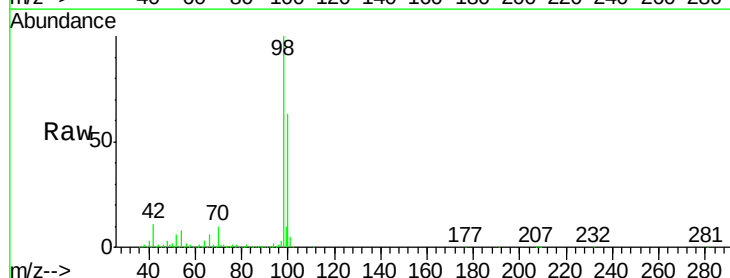
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

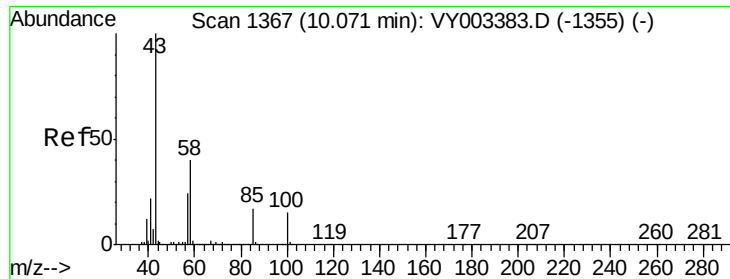
Tot Ion: 88 Resp: 35594
Ion Ratio Lower Upper
88 100
43 33.3 24.9 37.3
58 74.4 54.3 81.5



#50
Toluene-d8
Concen: 54.683 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 98 Resp: 957429
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

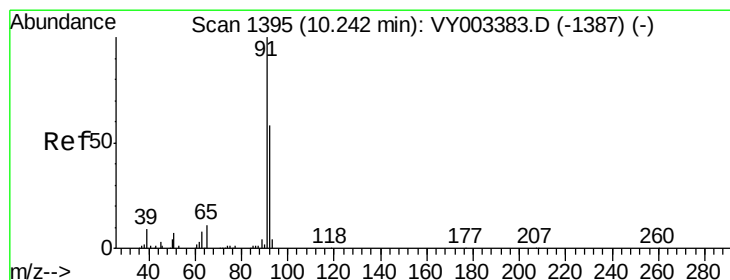
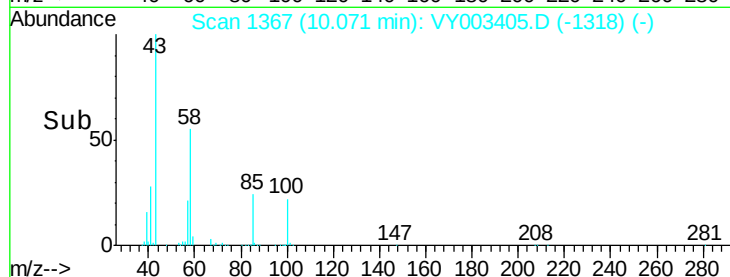
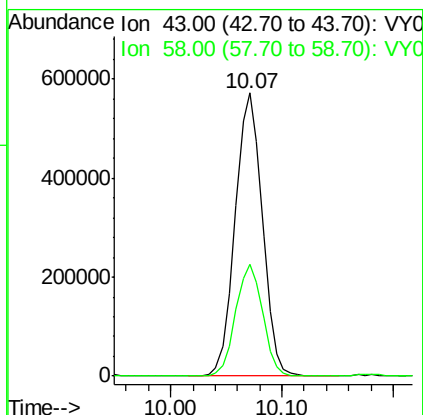
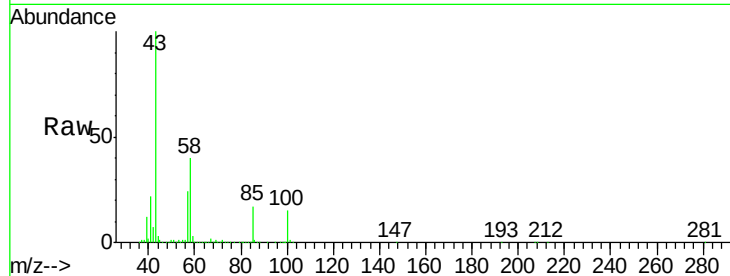




#51
4-Methyl-2-Pentanone
Concen: 238.876 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

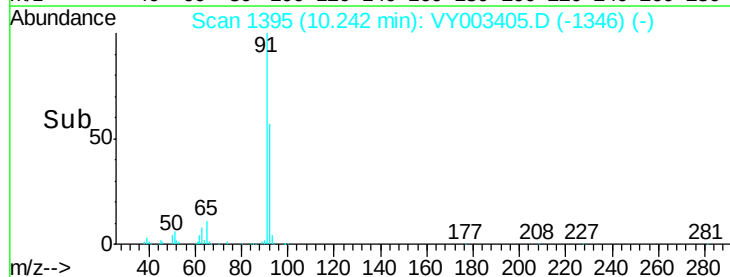
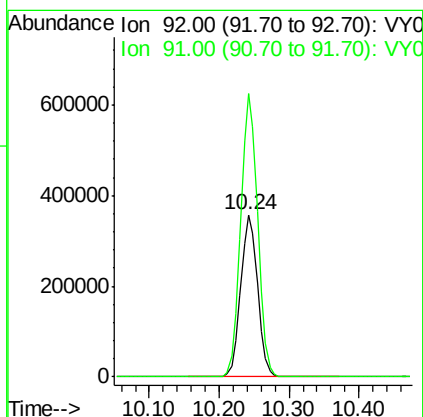
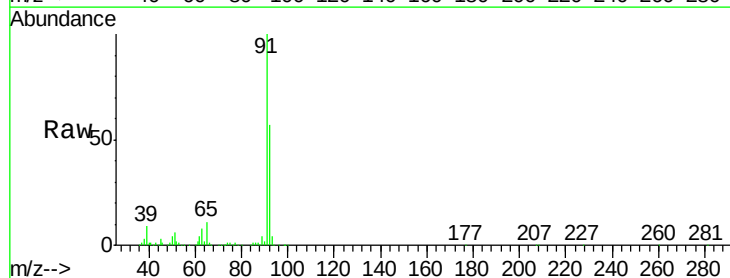
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

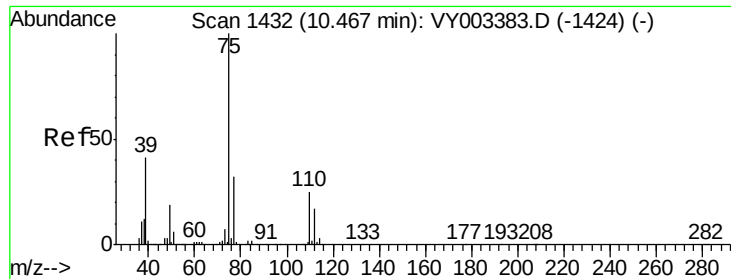
Tot Ion: 43 Resp: 965044
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4



#52
Toluene
Concen: 47.754 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 92 Resp: 596906
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 48.368 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

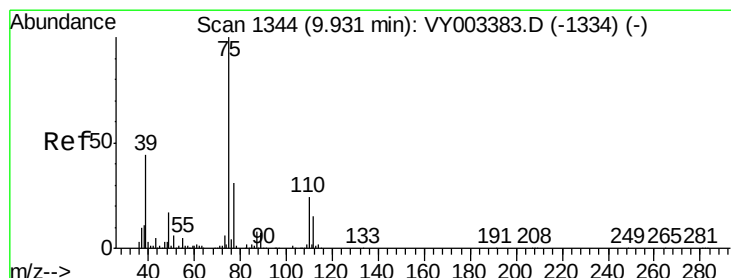
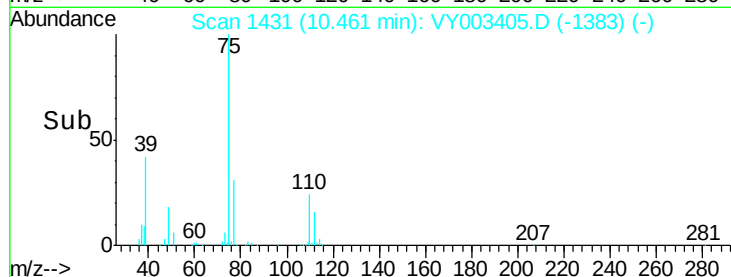
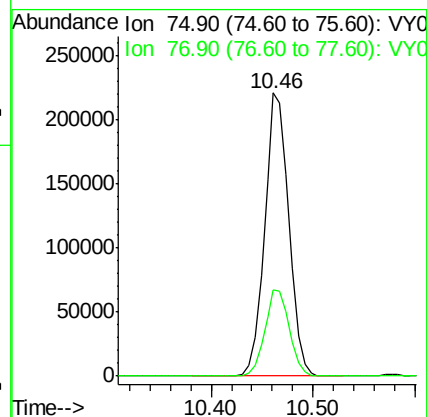
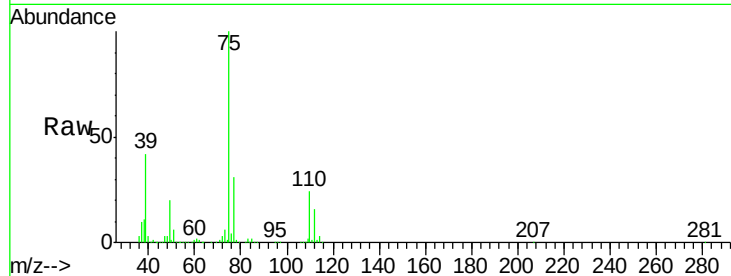
VSTDCCC050

Tot Ion: 75 Resp: 362234

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.293 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

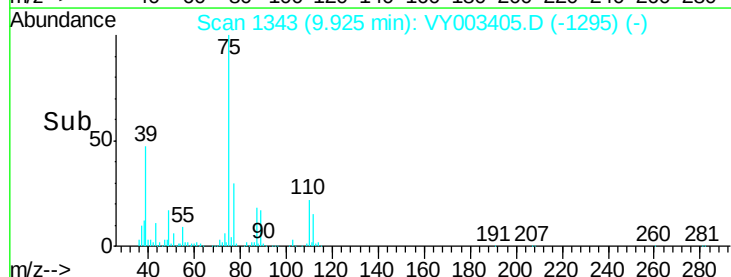
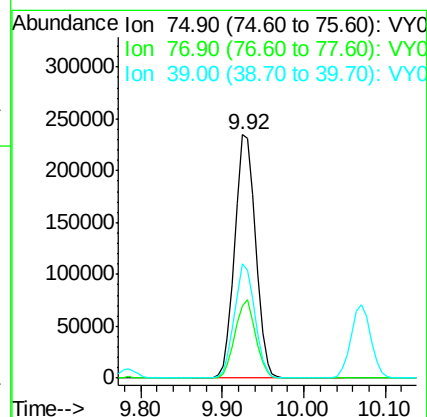
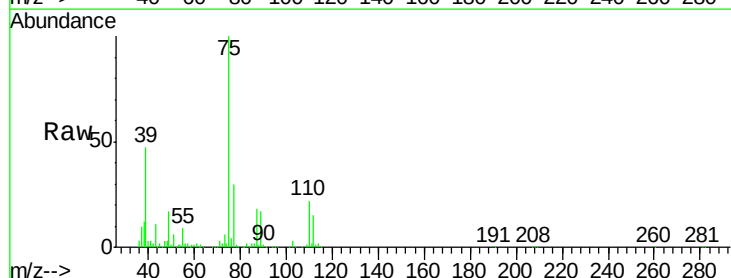
Tgt Ion: 75 Resp: 409877

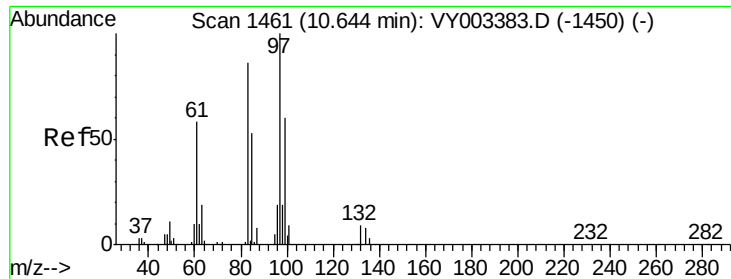
Ion Ratio Lower Upper

75 100

77 29.6 24.8 37.2

39 46.8 34.8 52.2

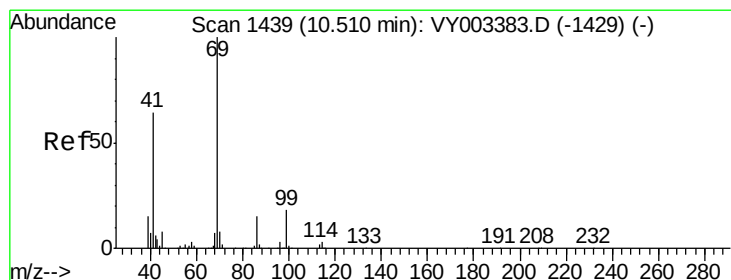
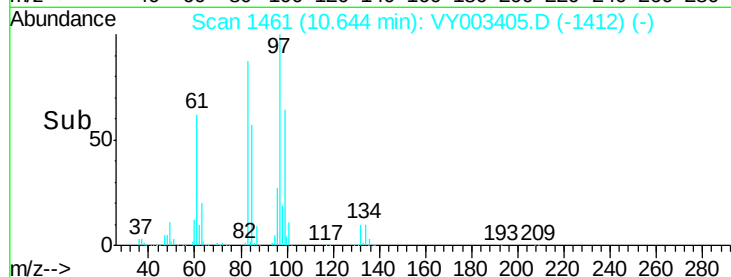
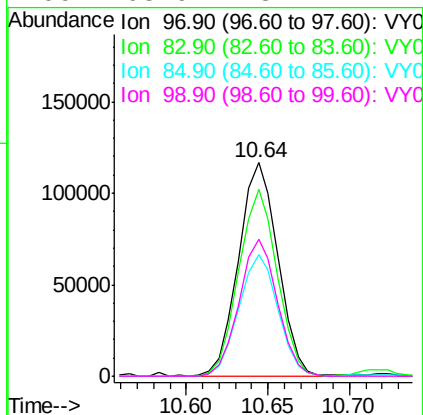
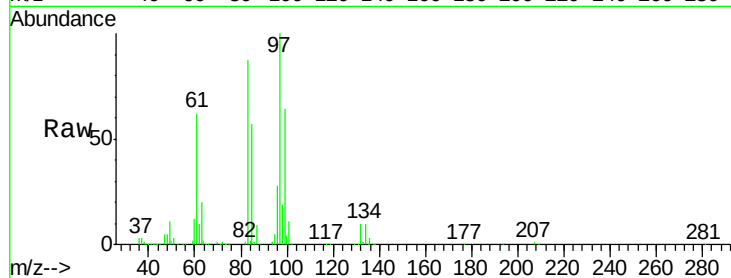




#55
 1,1,2-Trichloroethane
 Concen: 47.816 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

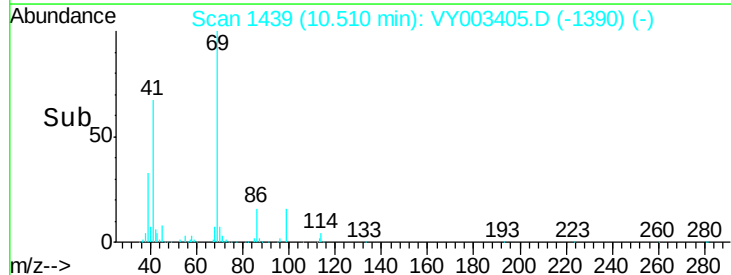
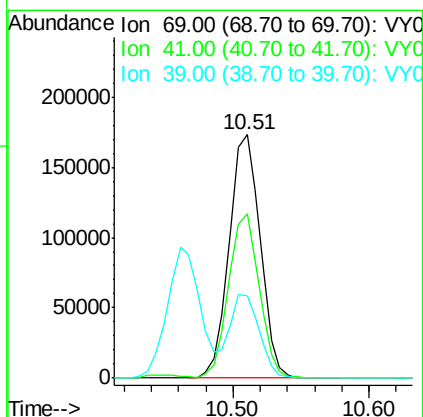
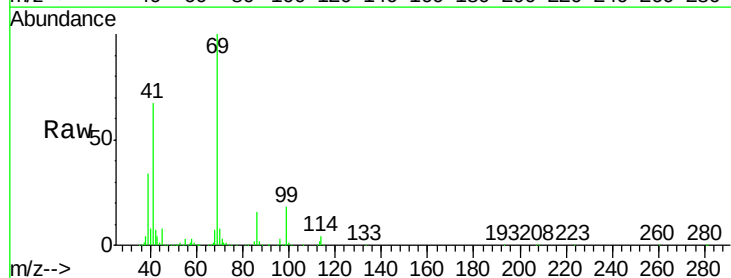
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

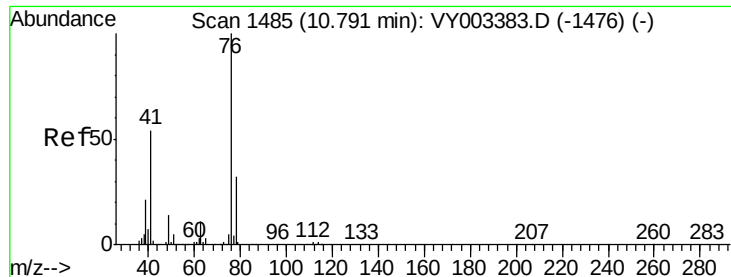
Tot Ion:	97	Resp:	196396
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.1	103.7
85	56.6	42.5	63.7
99	63.9	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 48.398 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion:	69	Resp:	275204
Ion	Ratio	Lower	Upper
69	100		
41	66.4	52.2	78.4
39	34.0	24.7	37.1





#57

1,3-Dichloropropane

Concen: 47.659 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

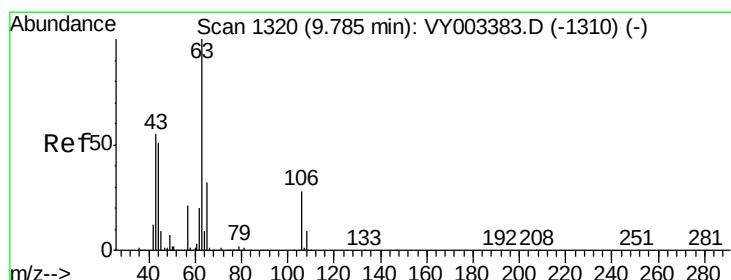
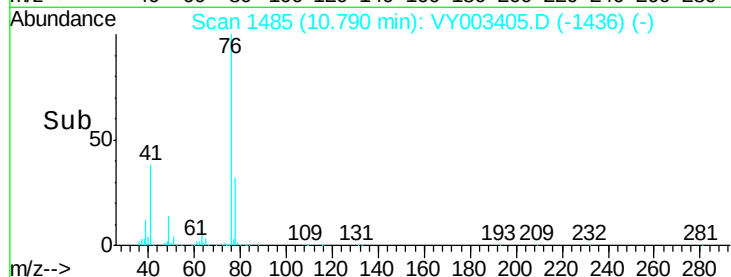
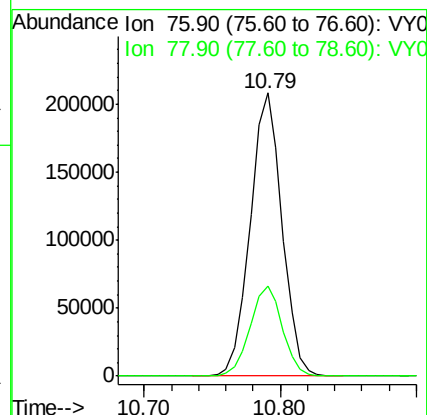
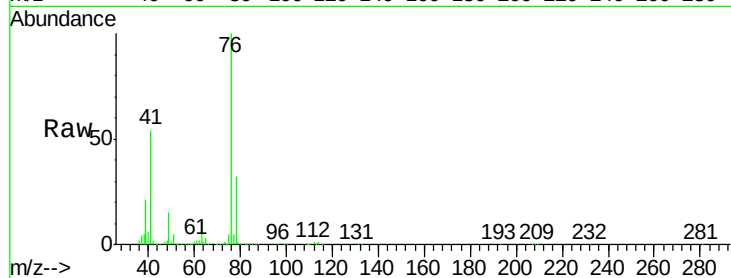
VSTDCCC050

Tot Ion: 76 Resp: 340199

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 259.914 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003405.D

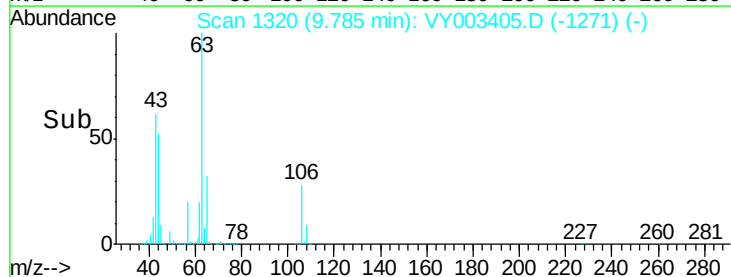
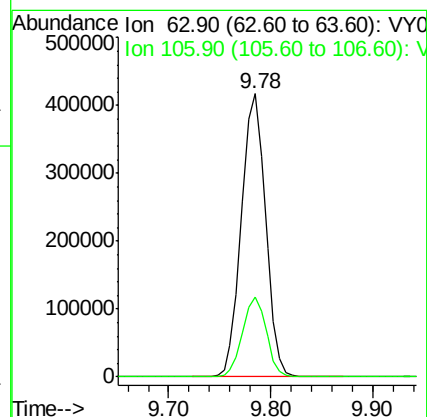
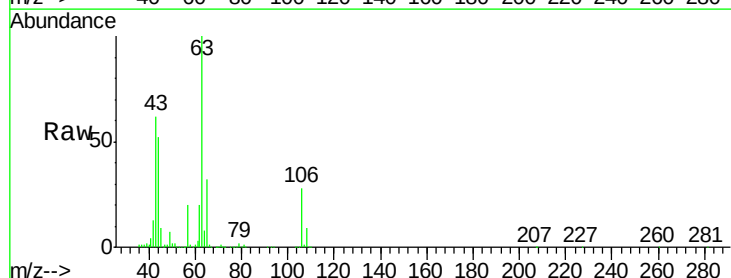
Acq: 03 Aug 2020 10:03

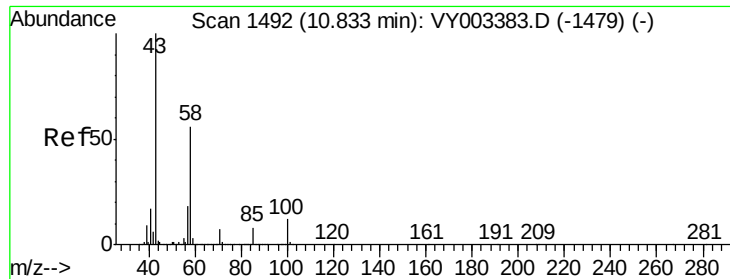
Tgt Ion: 63 Resp: 684558

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.6

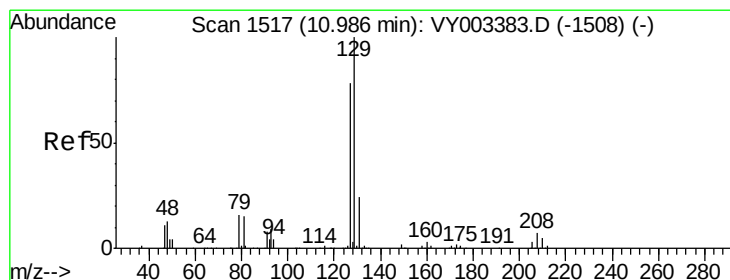
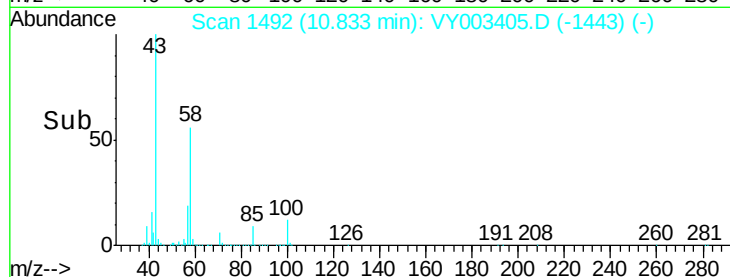
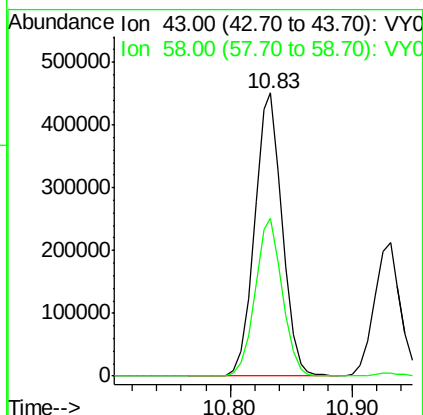
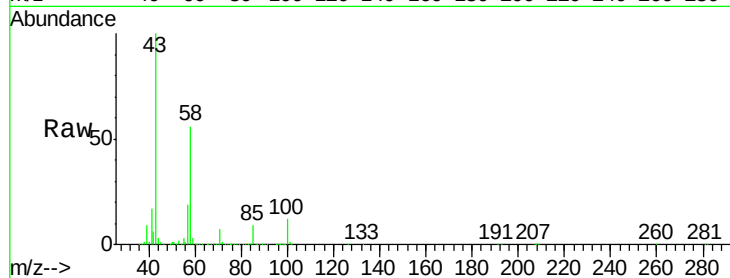




#59
2-Hexanone
Concen: 250.708 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

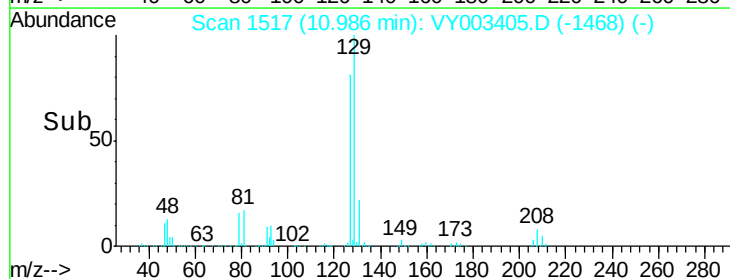
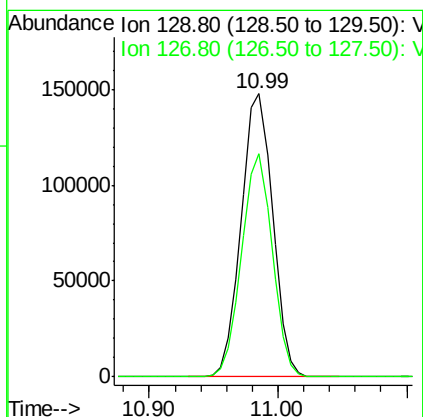
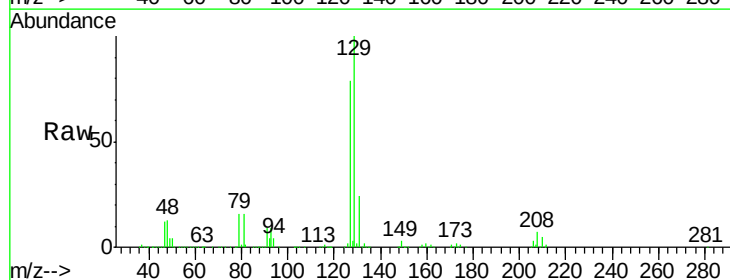
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

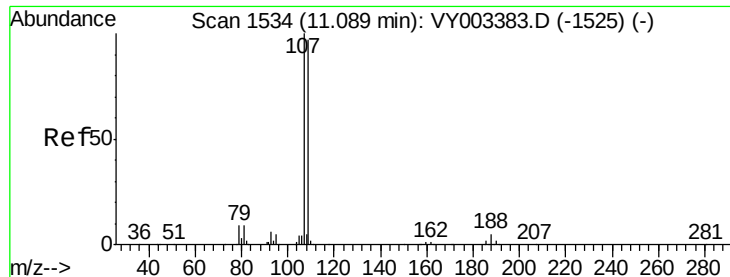
Tot Ion: 43 Resp: 705862
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.8



#60
Dibromochloromethane
Concen: 48.535 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 129 Resp: 250347
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

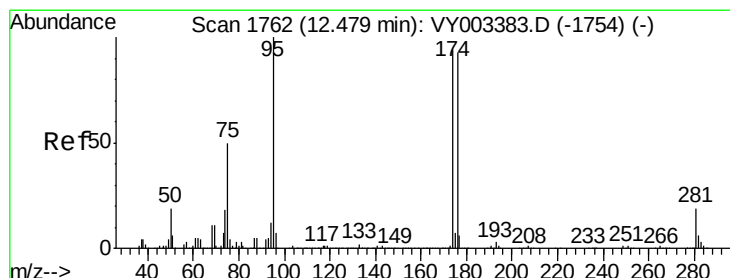
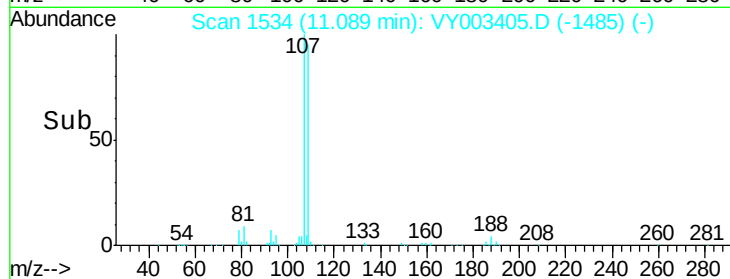
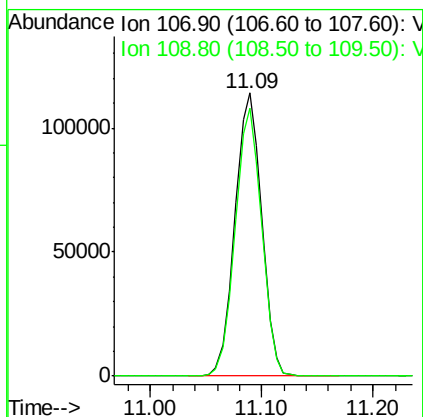
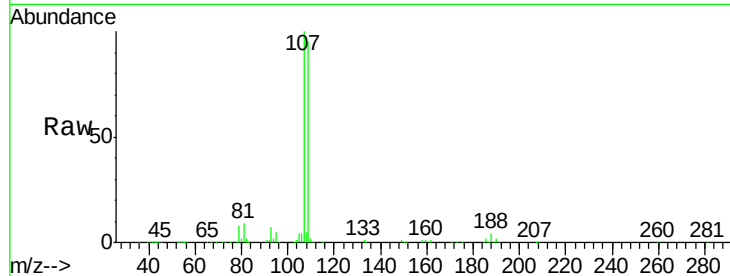




#61
 1,2-Dibromoethane
 Concen: 47.460 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

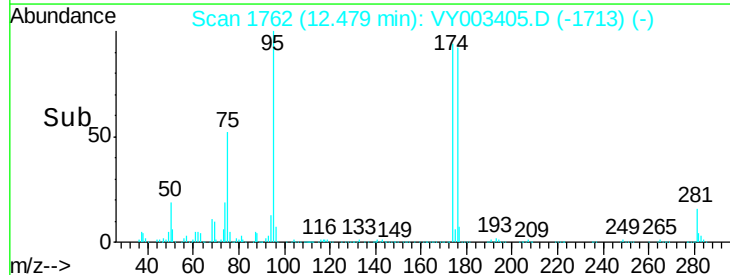
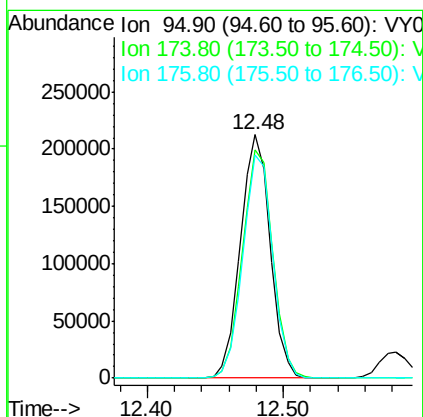
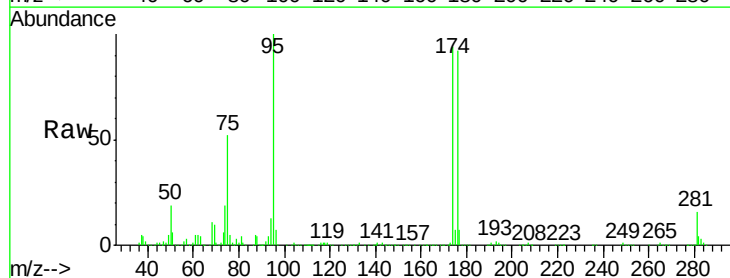
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

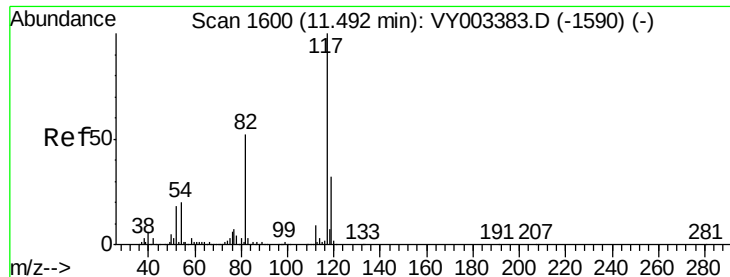
Tot Ion: 107 Resp: 188851
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 54.155 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion: 95 Resp: 323973
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 190.0
 176 92.6 0.0 184.4

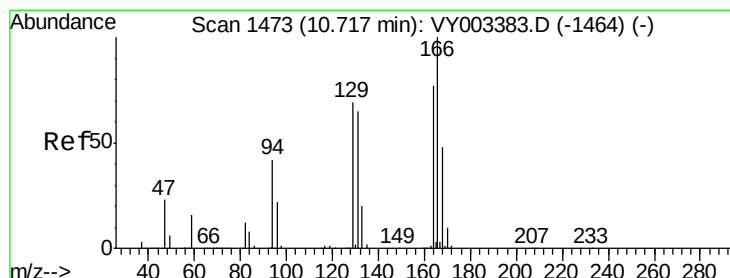
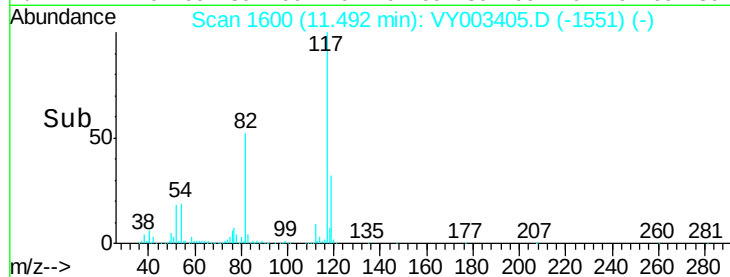
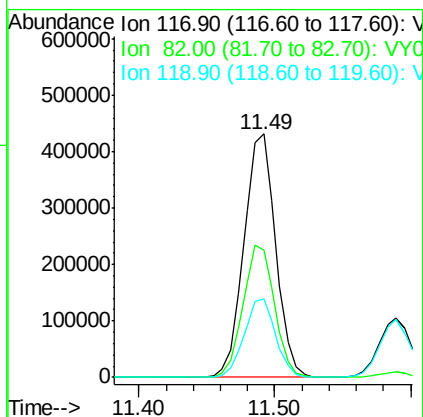
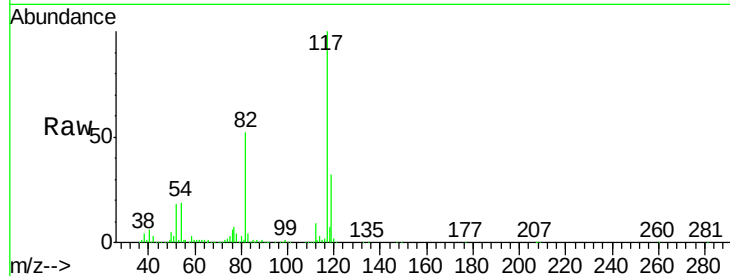




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

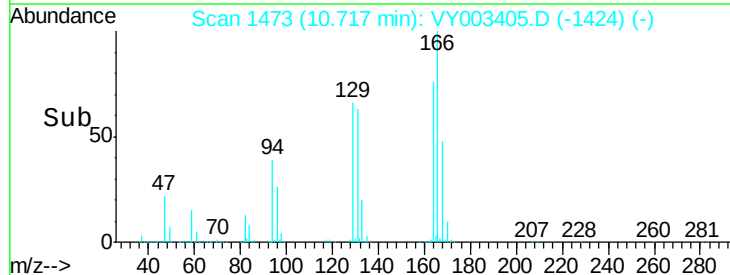
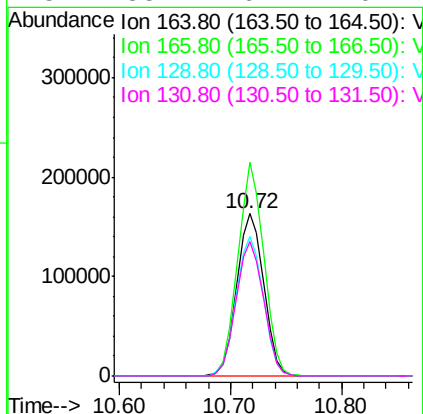
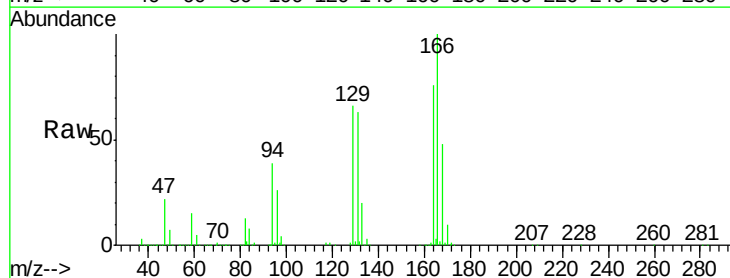
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

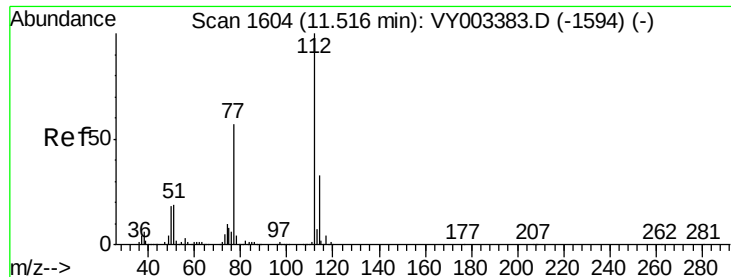
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.9	62.9
119	32.4	25.4	38.0



#64
Tetrachloroethene
Concen: 46.710 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.5	103.3	154.9
129	86.3	71.2	106.8
131	83.1	67.4	101.2





#65

Chlorobenzene

Concen: 47.522 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

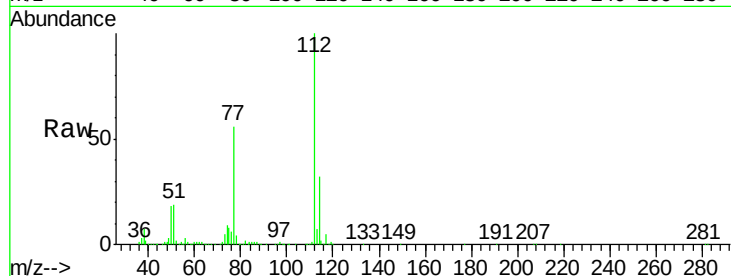
VSTDCCC050

Tot Ion:112 Resp: 653980

Ion Ratio Lower Upper

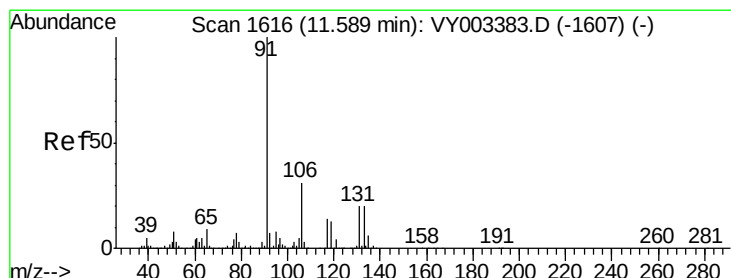
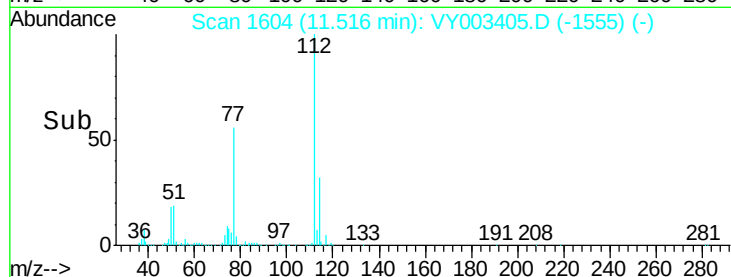
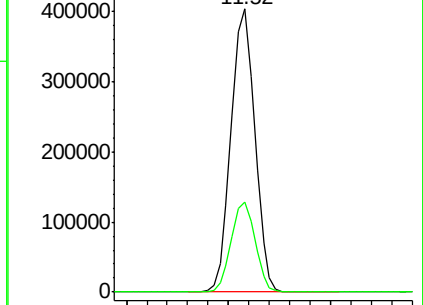
112 100

114 31.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.626 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

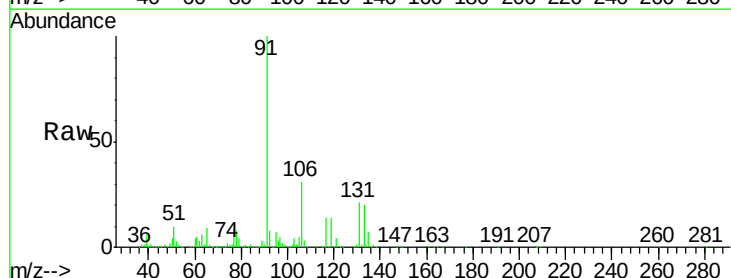
Tgt Ion:131 Resp: 254930

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.3

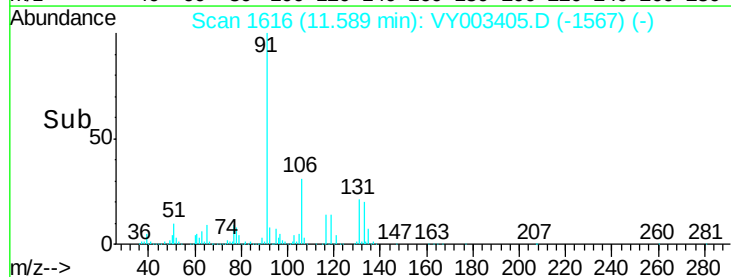
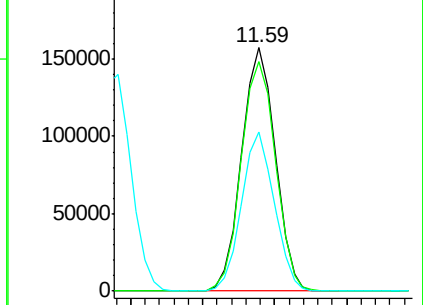
119 63.6 32.0 96.2

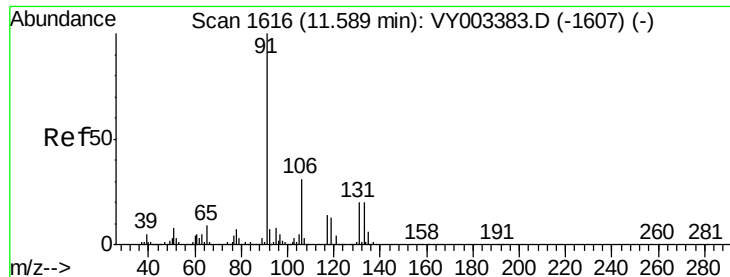


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.870 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

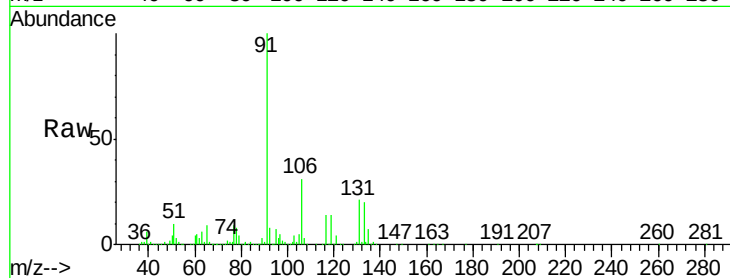
VSTDCCC050

Tot Ion: 91 Resp: 1187841

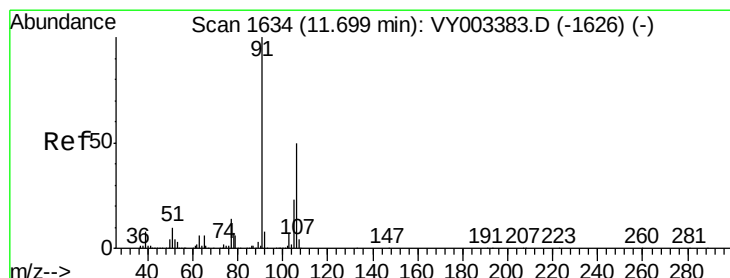
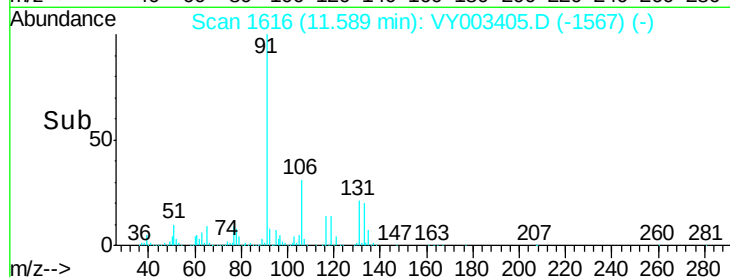
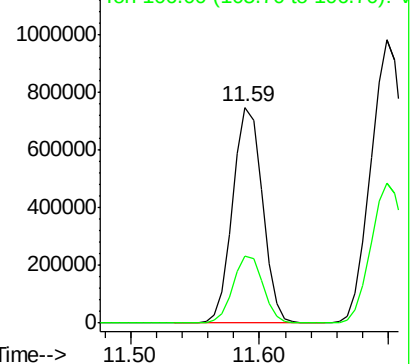
Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1607) (-)



#68

m/p-Xylenes

Concen: 95.833 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003405.D

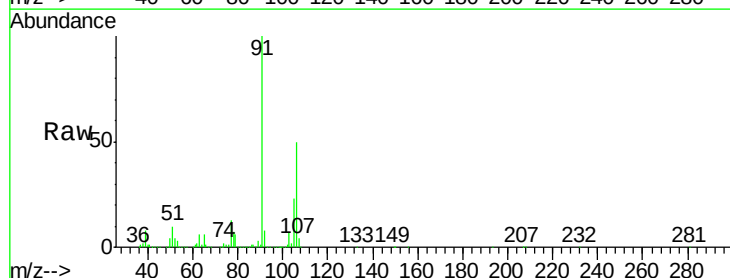
Acq: 03 Aug 2020 10:03

Tgt Ion: 106 Resp: 896481

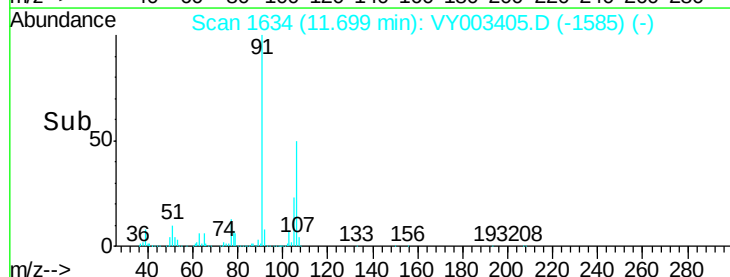
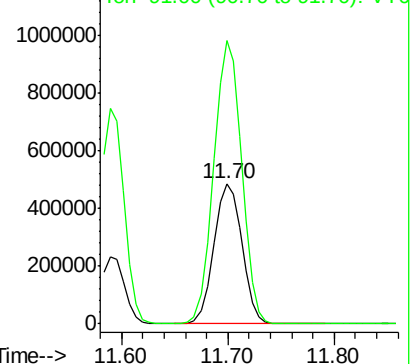
Ion Ratio Lower Upper

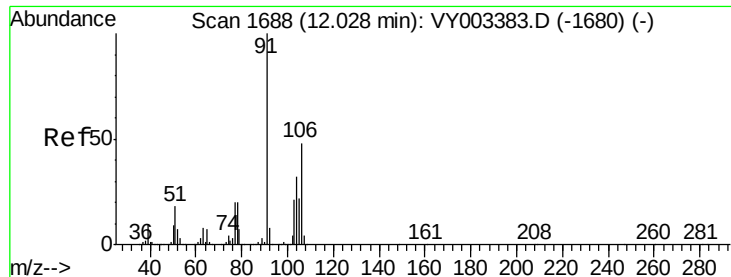
106 100

91 200.4 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003383.D (-1626) (-)

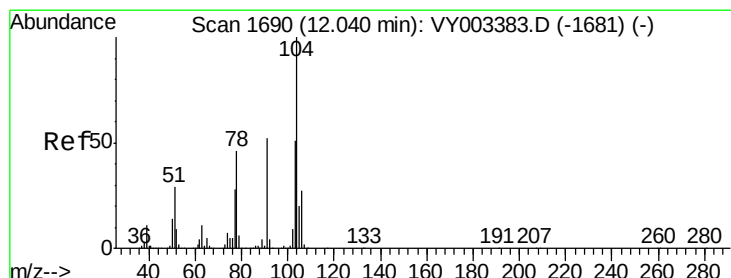
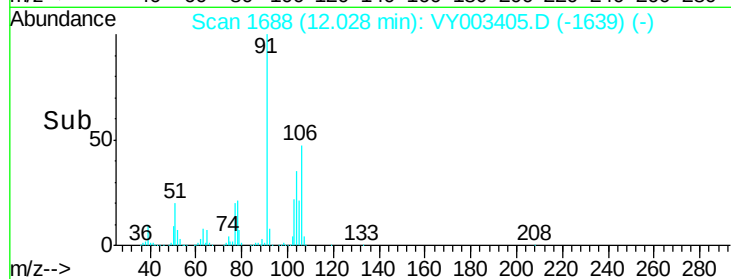
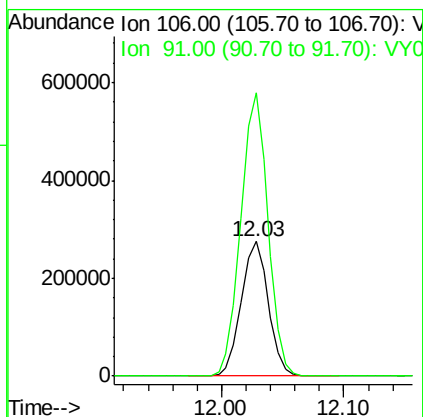
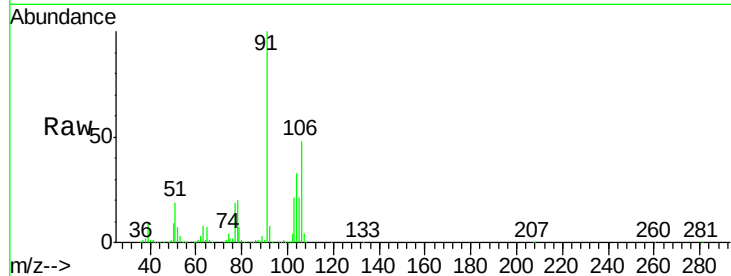




#69
o-Xylene
Concen: 48.280 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

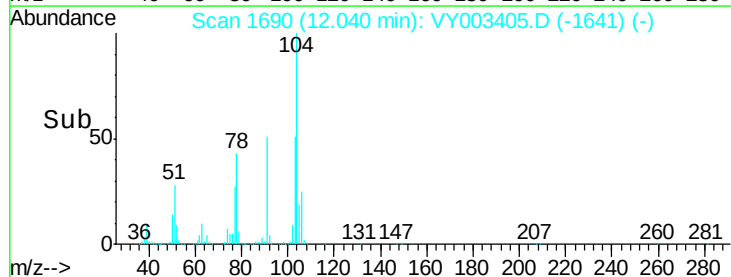
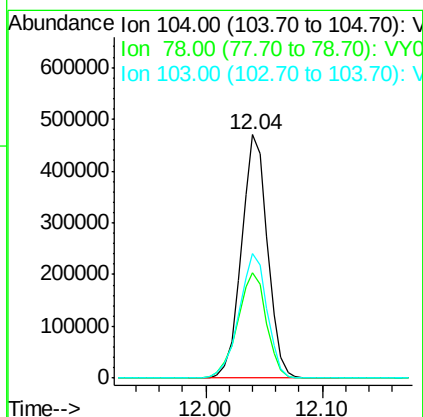
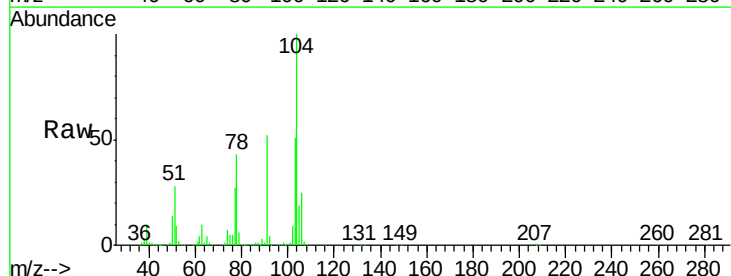
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

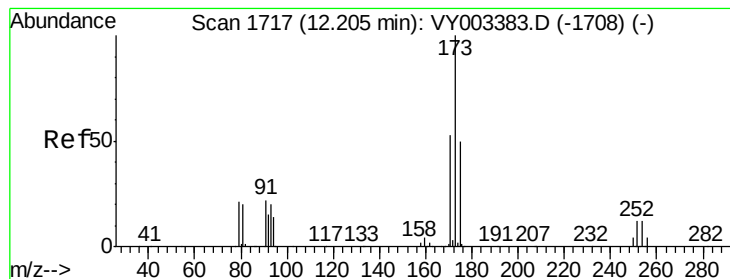
Tot Ion:106 Resp: 422787
Ion Ratio Lower Upper
106 100
91 209.8 104.6 313.7



#70
Styrene
Concen: 48.767 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion:104 Resp: 730710
Ion Ratio Lower Upper
104 100
78 47.9 39.3 58.9
103 55.3 43.7 65.5





#71

Bromoform

Concen: 47.539 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

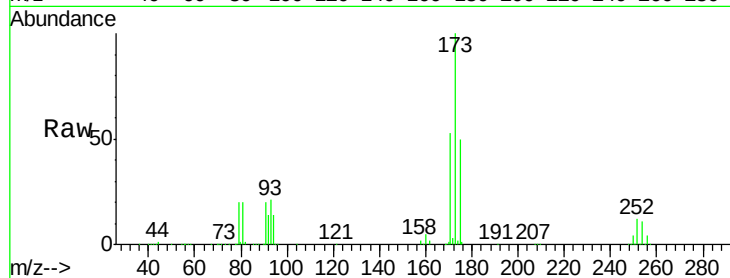
Tot Ion:173 Resp: 165362

Ion Ratio Lower Upper

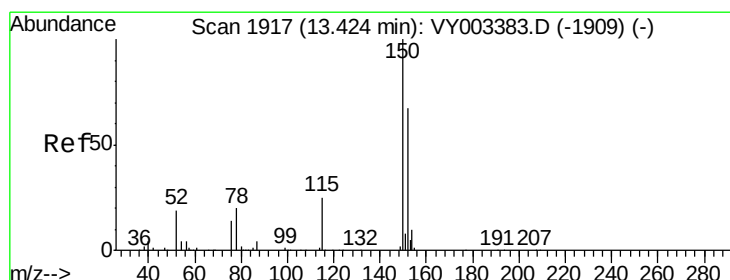
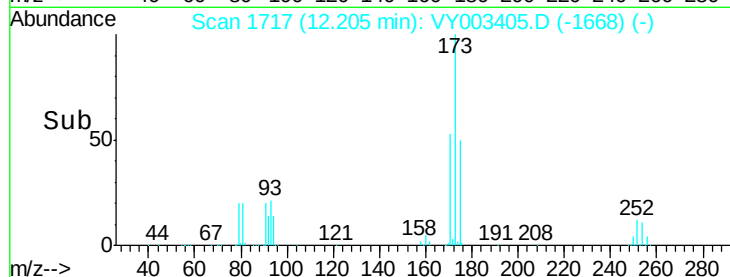
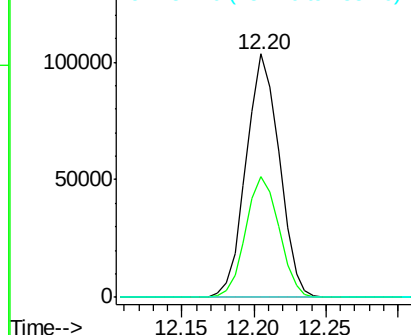
173 100

175 49.7 24.1 72.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

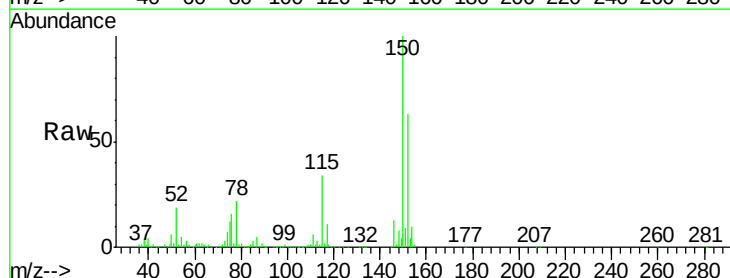
Tgt Ion:152 Resp: 372990

Ion Ratio Lower Upper

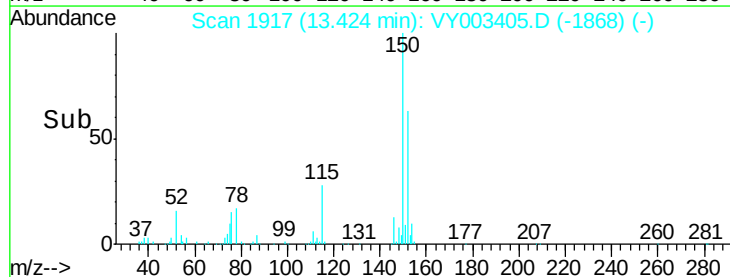
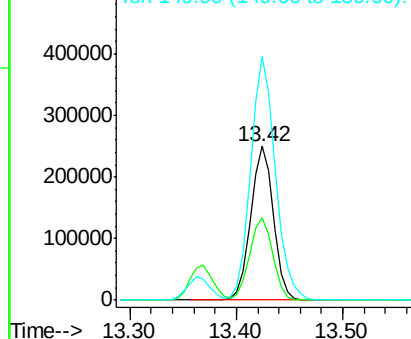
152 100

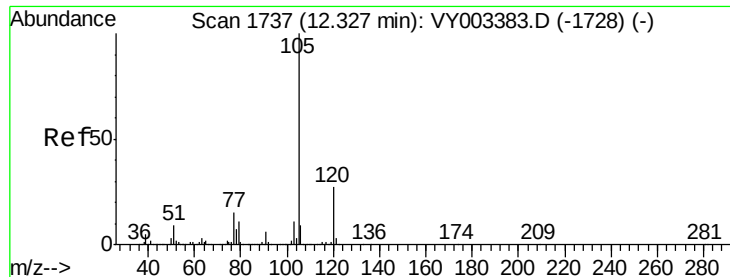
115 54.4 27.2 81.5

150 172.5 0.0 346.8



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





#73

Isopropylbenzene

Concen: 48.112 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

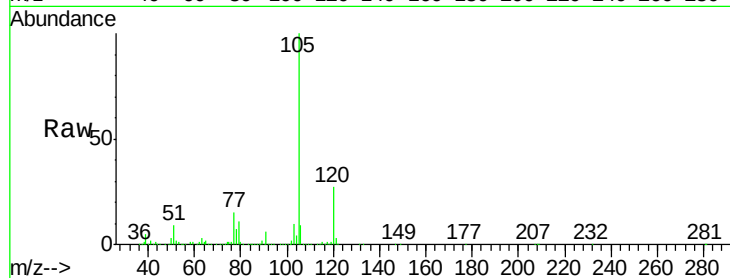
VSTDCCC050

Tot Ion:105 Resp: 1159807

Ion Ratio Lower Upper

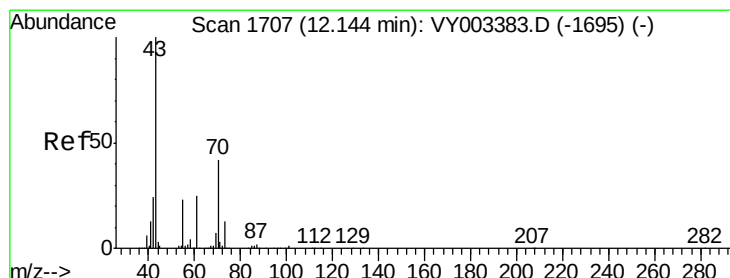
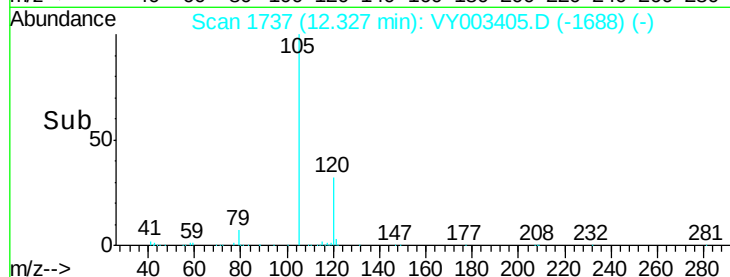
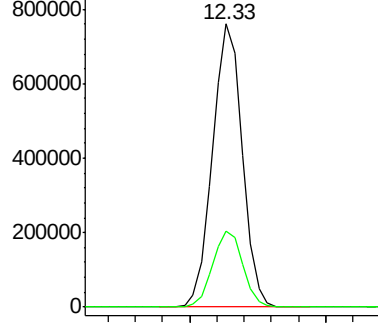
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.314 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Tgt Ion: 43 Resp: 343269

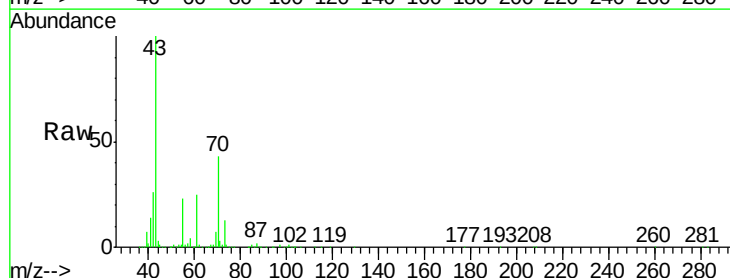
Ion Ratio Lower Upper

43 100

70 42.8 33.6 50.4

55 23.1 18.5 27.7

61 24.6 19.8 29.8

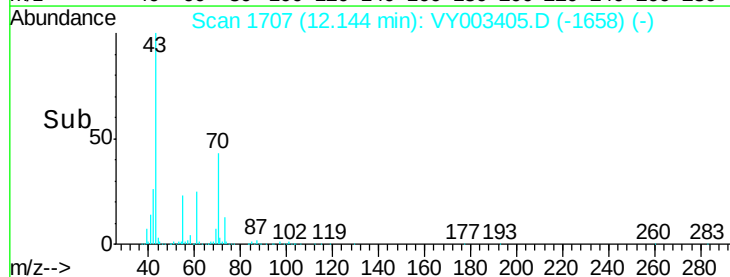
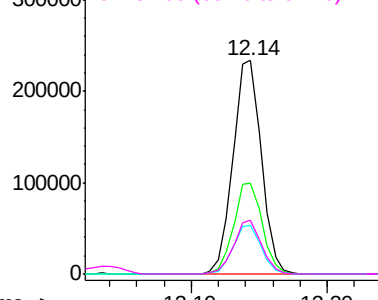


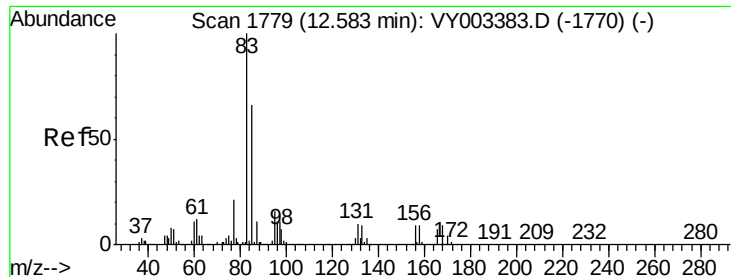
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 48.089 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

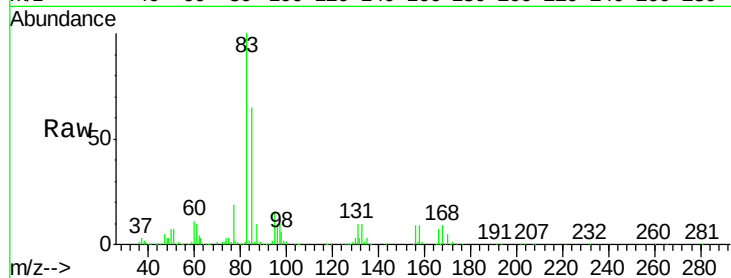
Tot Ion: 83 Resp: 229620

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

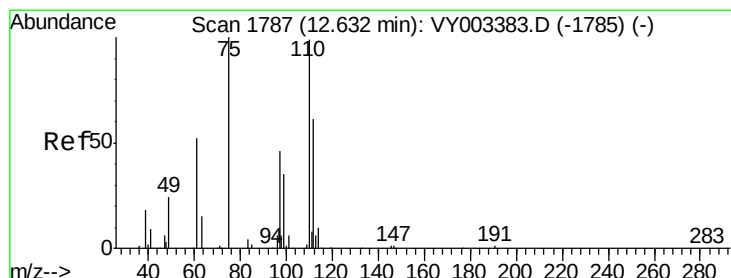
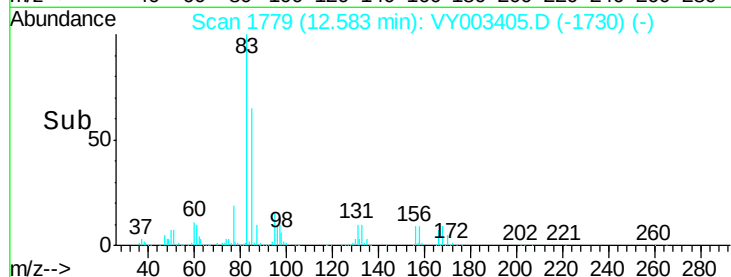
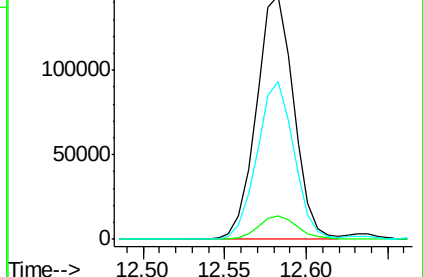
85 63.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VY003383.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003383.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003383.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 93.690 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003405.D

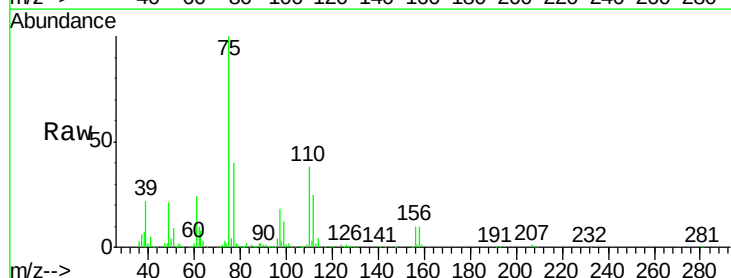
Acq: 03 Aug 2020 10:03

Tgt Ion: 75 Resp: 313930

Ion Ratio Lower Upper

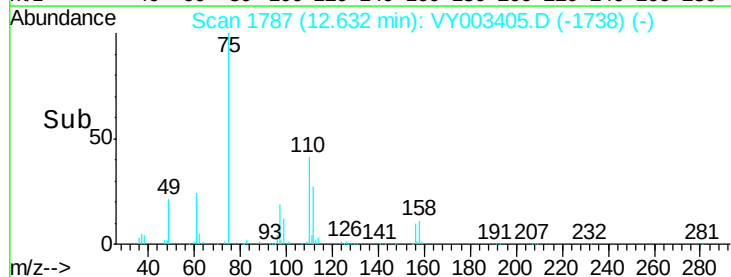
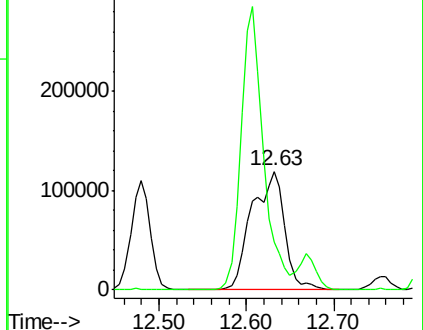
75 100

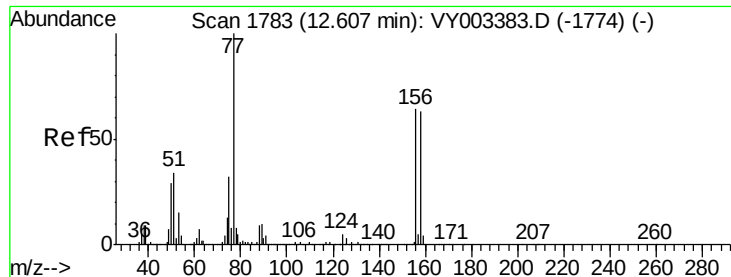
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003383.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003383.D (-1785) (-)





#77

Bromobenzene

Concen: 48.095 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

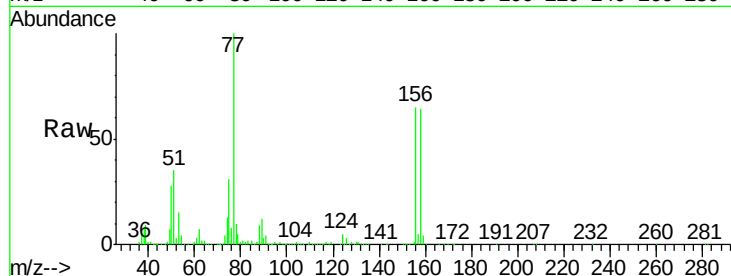
Tot Ion:156 Resp: 294586

Ion Ratio Lower Upper

156 100

77 172.6 87.5 262.5

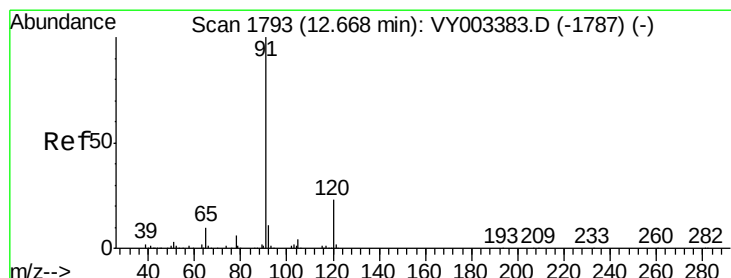
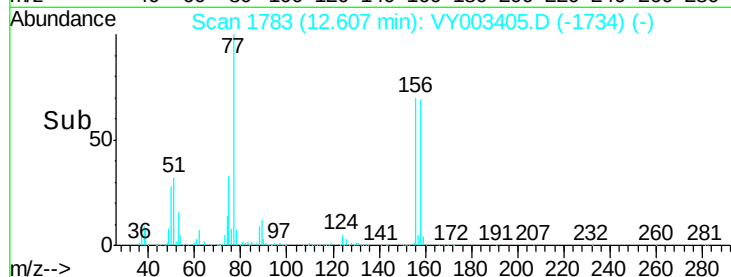
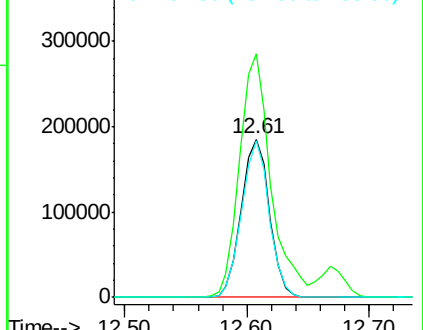
158 97.1 48.7 146.1



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: 48.222 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003405.D

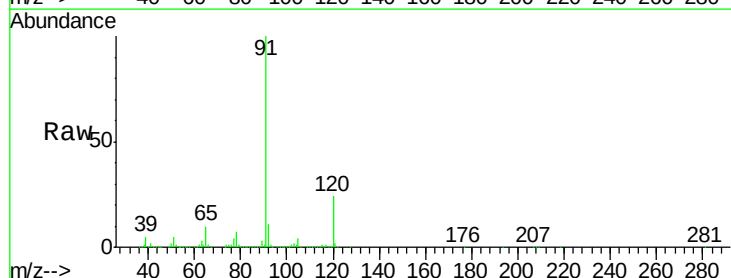
Acq: 03 Aug 2020 10:03

Tgt Ion: 91 Resp: 1391298

Ion Ratio Lower Upper

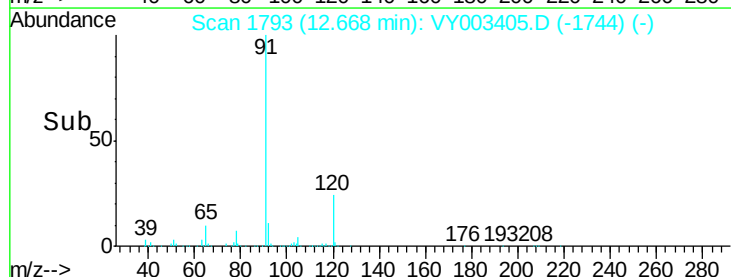
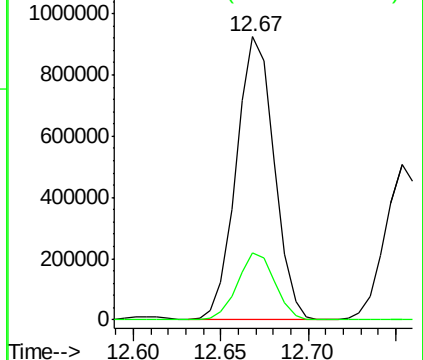
91 100

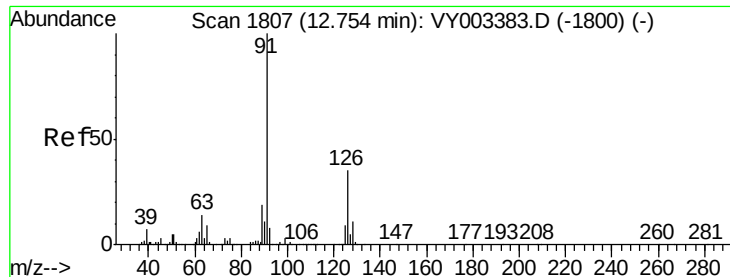
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.531 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

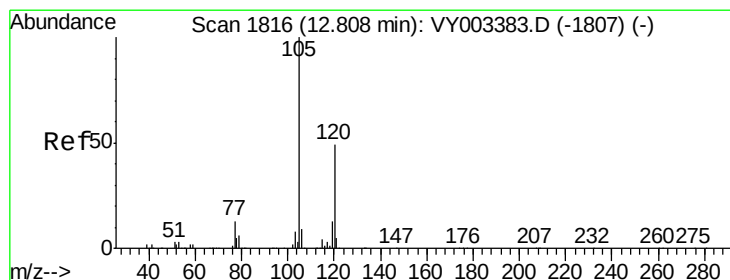
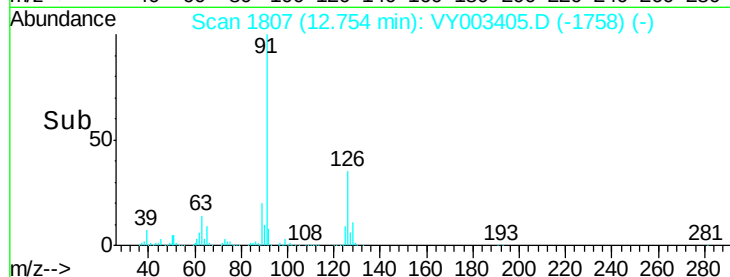
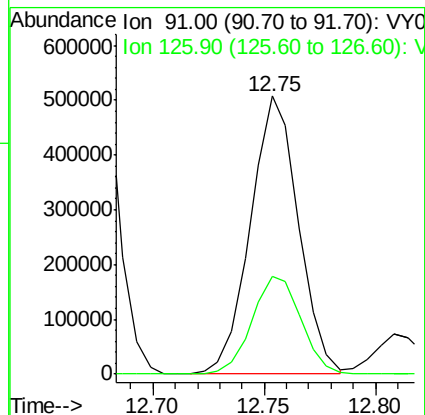
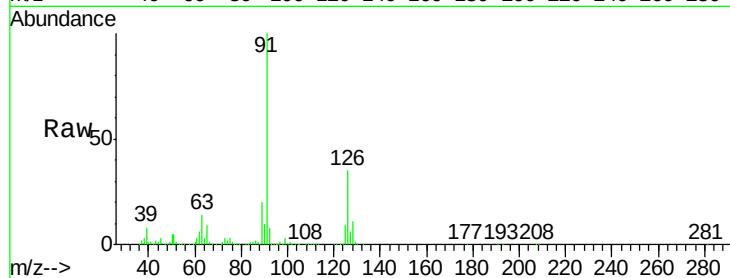
VSTDCCC050

Tot Ion: 91 Resp: 760881

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 48.080 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003405.D

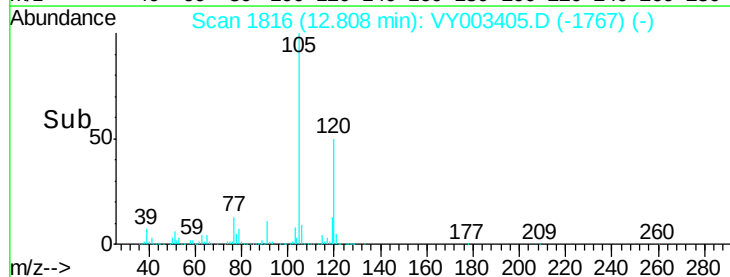
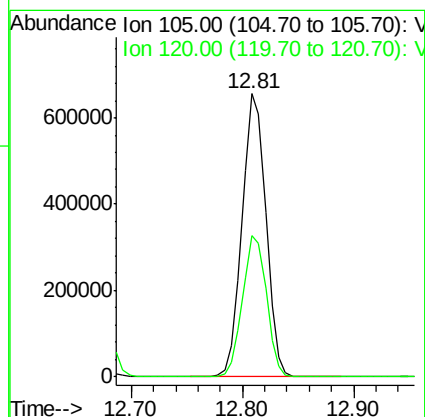
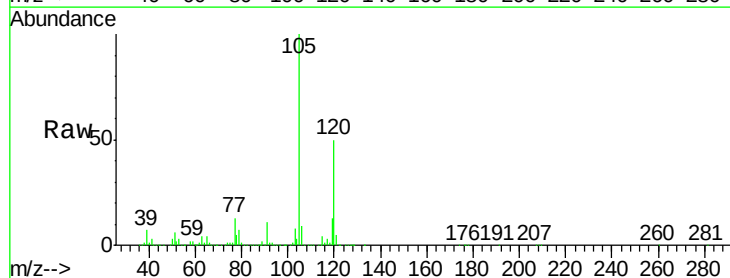
Acq: 03 Aug 2020 10:03

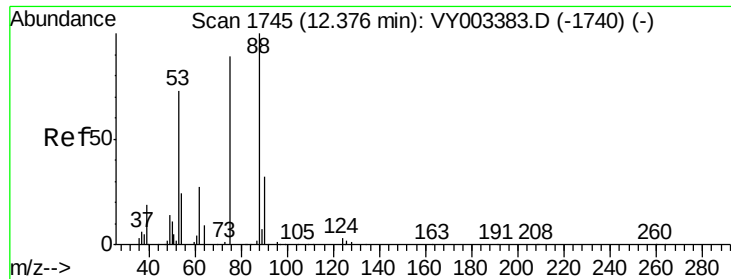
Tgt Ion: 105 Resp: 973110

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.905 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

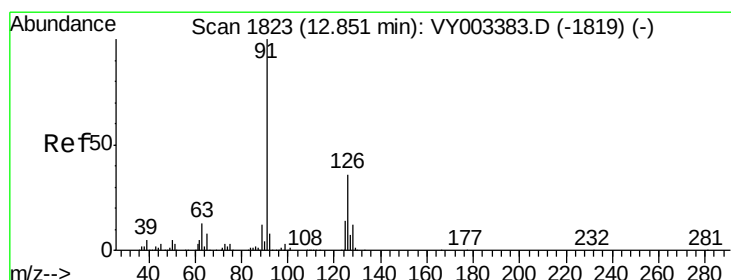
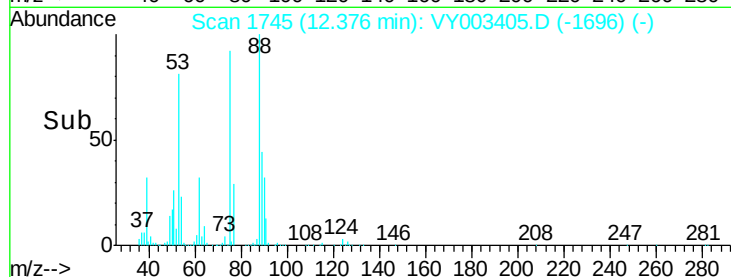
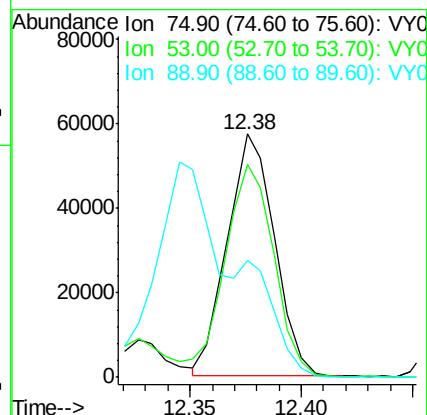
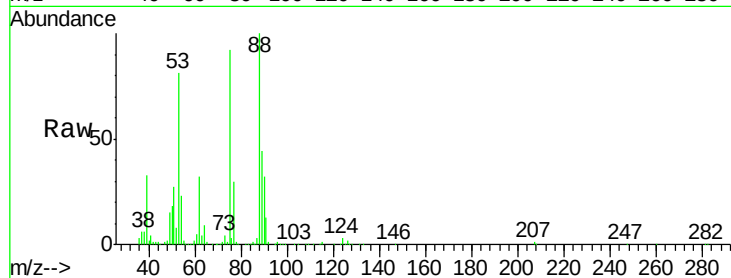
Tot Ion: 75 Resp: 84874

Ion Ratio Lower Upper

75 100

53 92.1 69.5 104.3

89 0.0 33.8 50.6#



#82

4-Chlorotoluene

Concen: 48.184 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003405.D

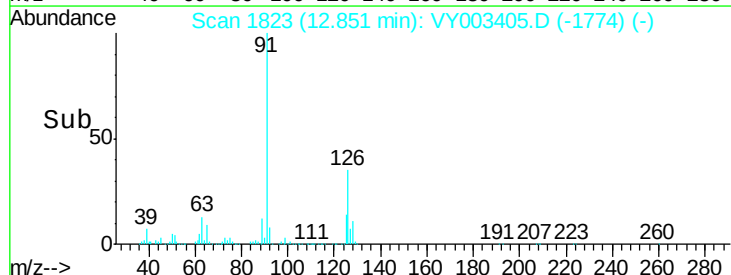
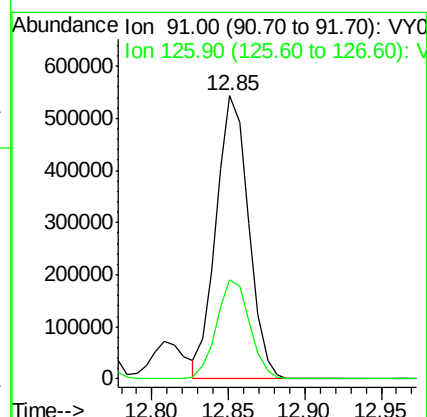
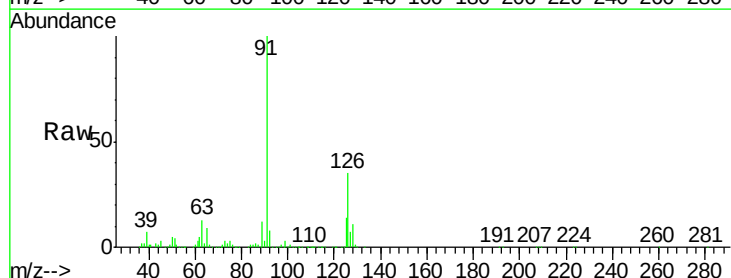
Acq: 03 Aug 2020 10:03

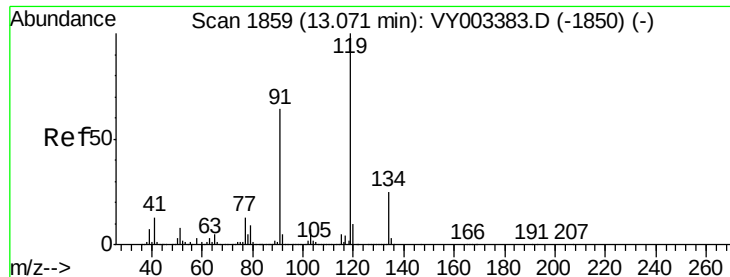
Tgt Ion: 91 Resp: 801524

Ion Ratio Lower Upper

91 100

126 35.8 18.1 54.4

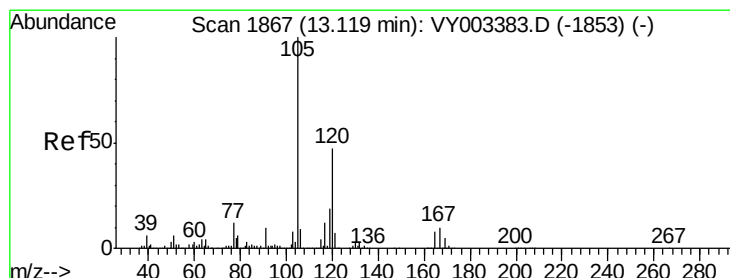
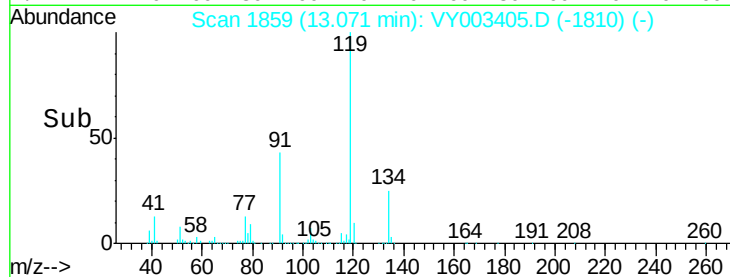
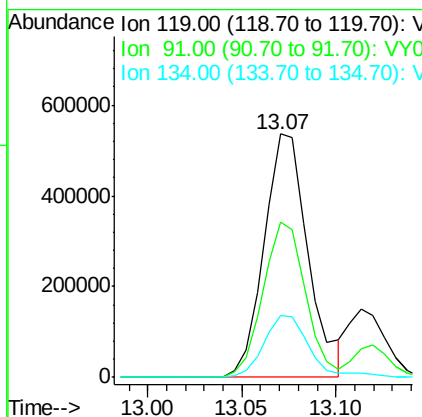
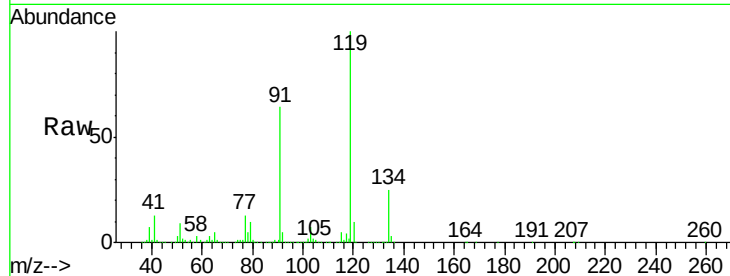




#83
 tert-Butylbenzene
 Concen: 49.408 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

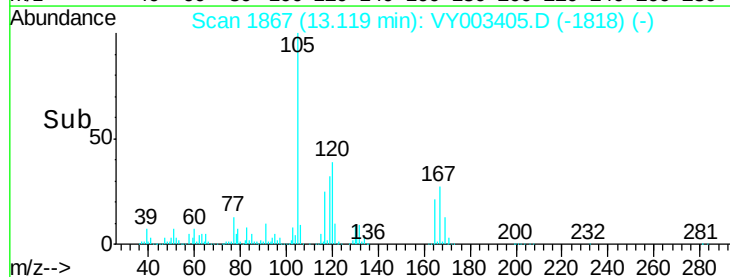
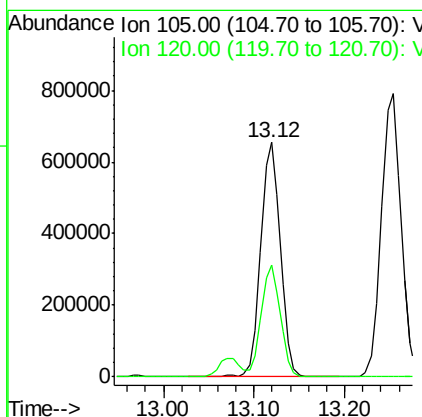
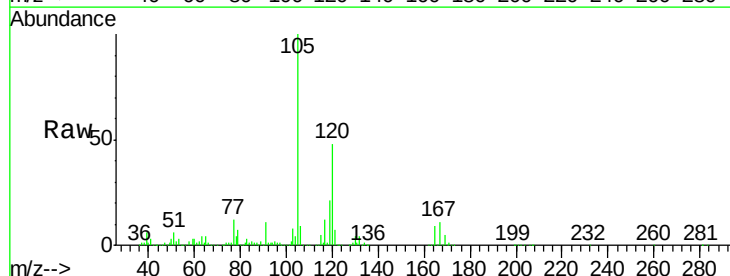
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

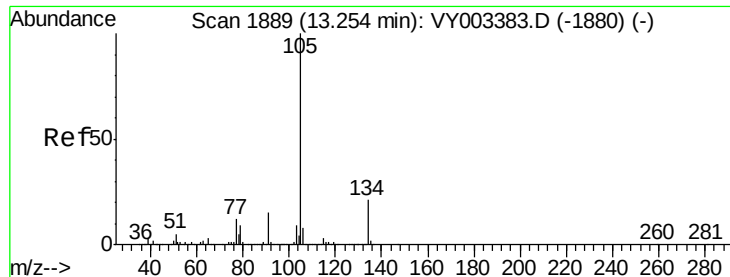
Tot Ion:119 Resp: 868180
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.8 95.3
 134 26.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.029 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion:105 Resp: 977048
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.3

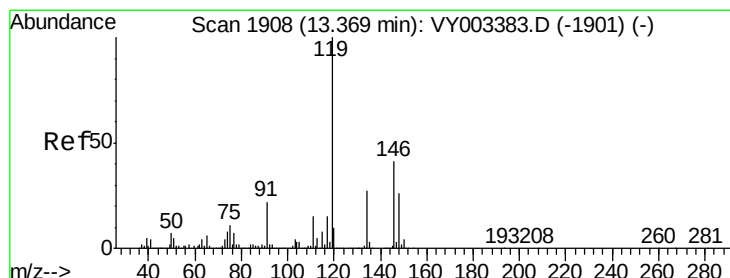
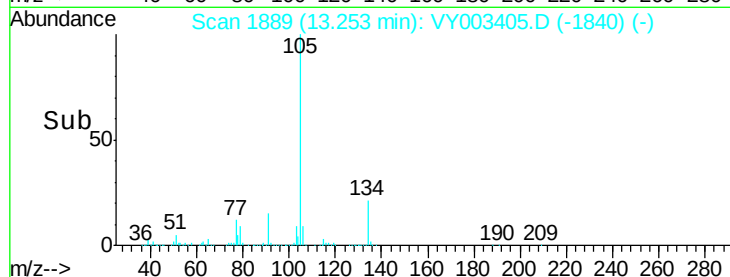
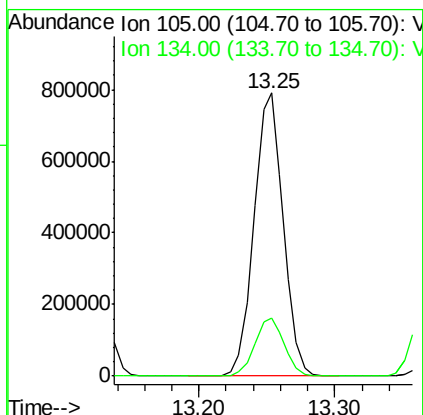
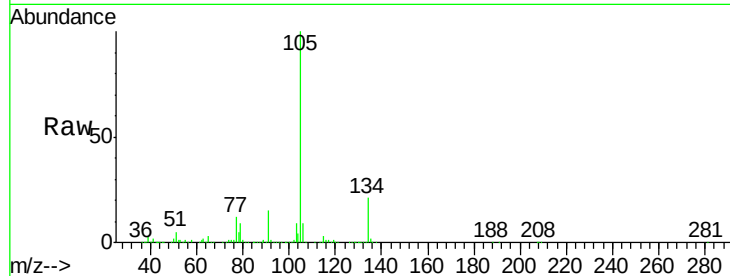




#85
 sec-Butylbenzene
 Concen: 48.536 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

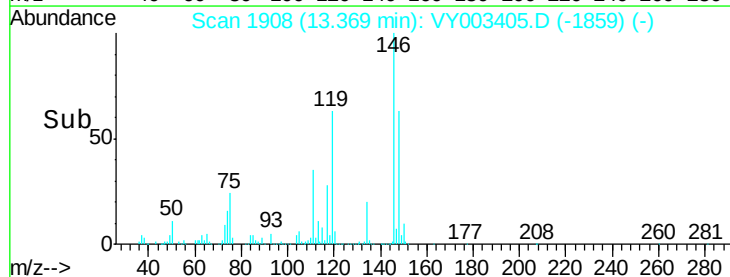
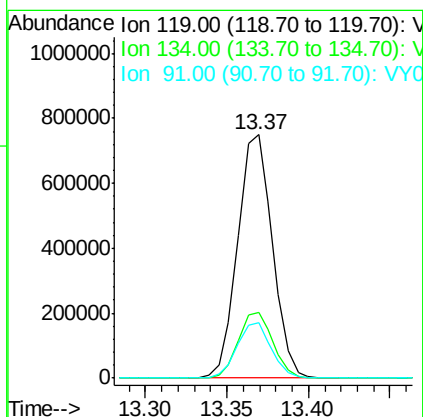
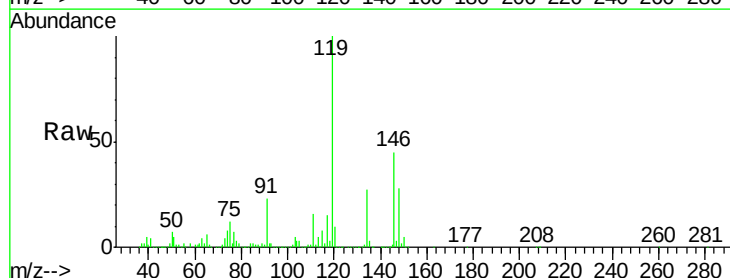
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

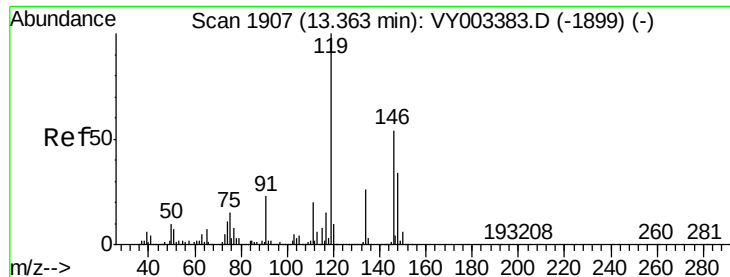
Tot Ion:105 Resp: 1186304
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 48.621 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion:119 Resp: 1111509
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 22.3 11.4 34.1

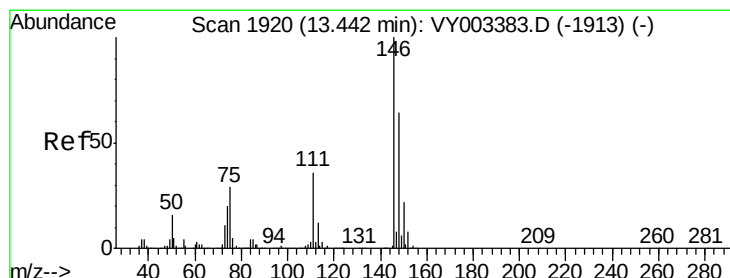
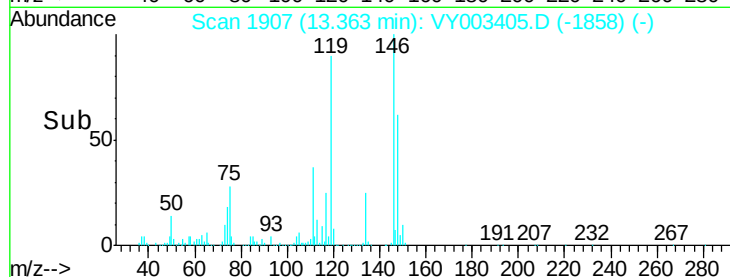
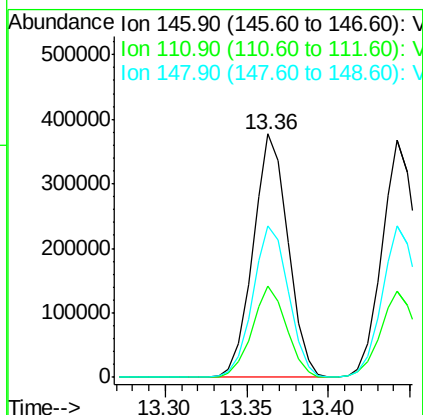
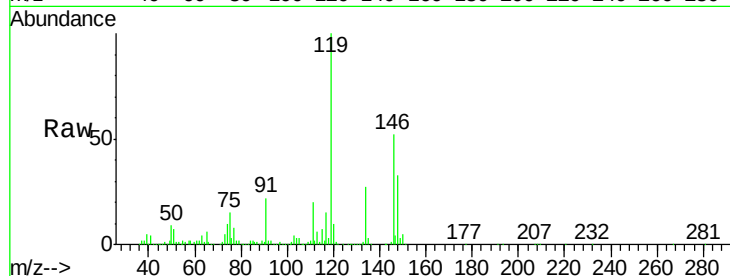




#87
 1,3-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

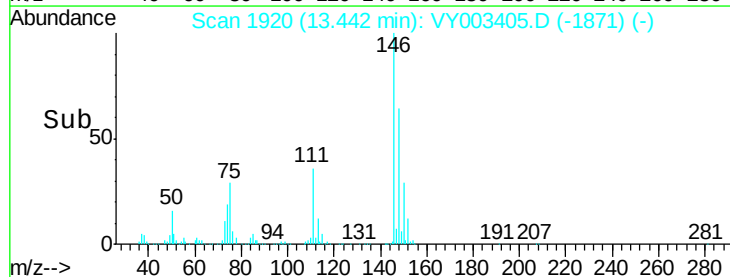
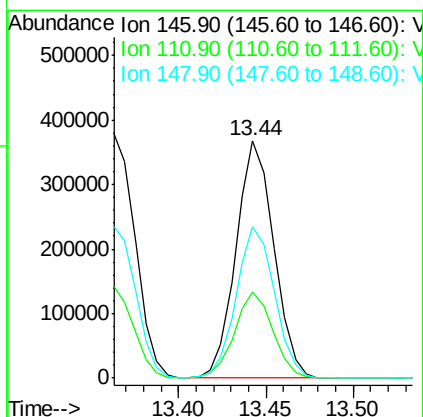
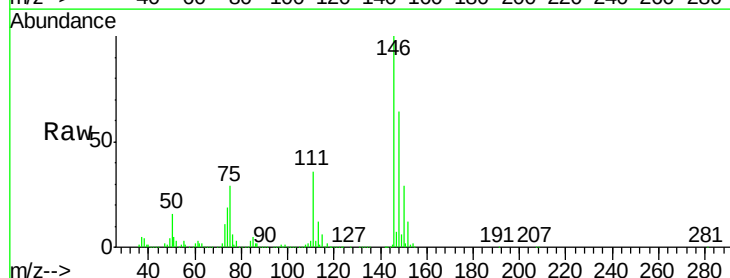
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

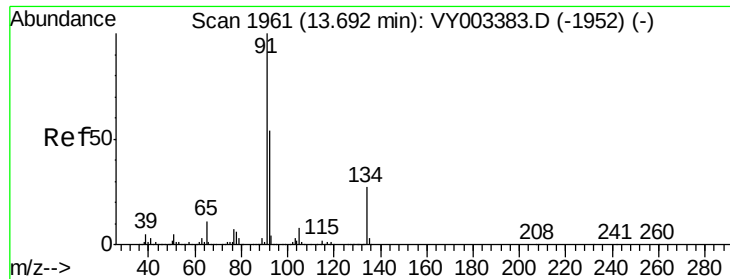
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.4
148	63.5	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.017 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	64.4	32.1	96.3

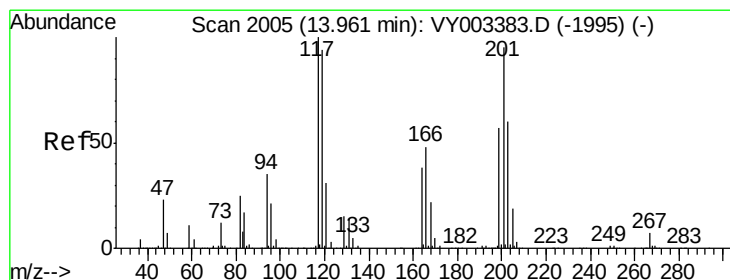
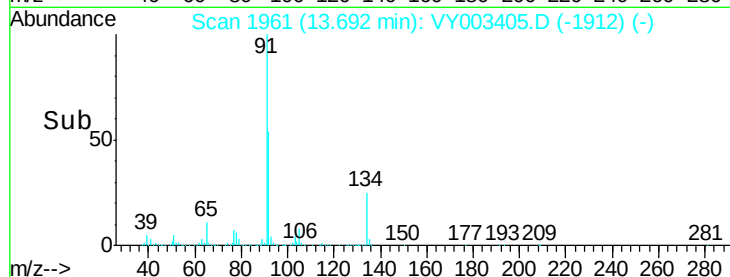
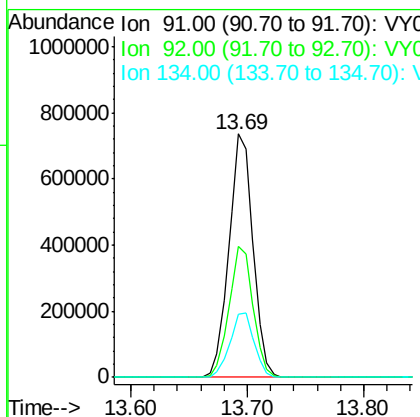
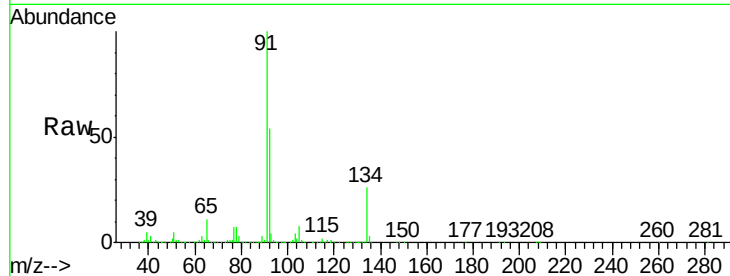




#89
n-Butylbenzene
Concen: 48.745 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

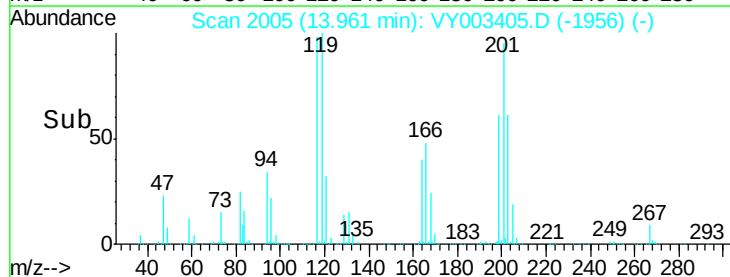
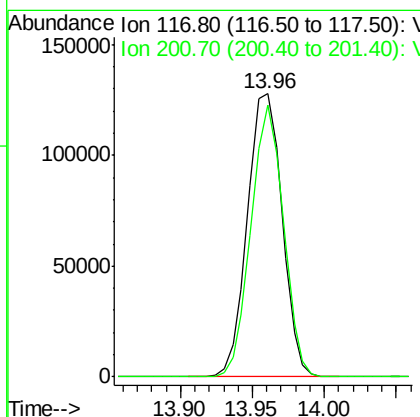
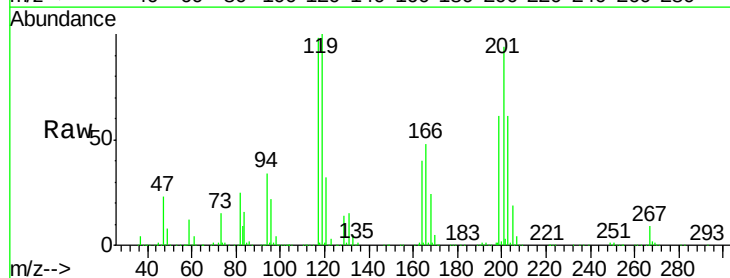
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

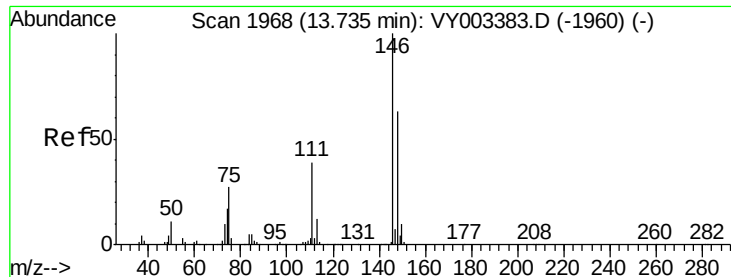
Tot Ion: 91 Resp: 1053089
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.6
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 48.632 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003405.D
Acq: 03 Aug 2020 10:03

Tgt Ion: 117 Resp: 212973
Ion Ratio Lower Upper
117 100
201 89.8 44.7 134.1

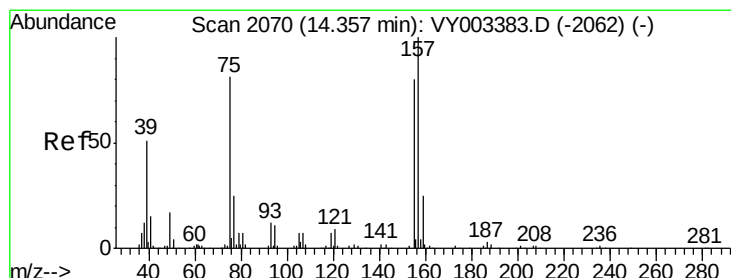
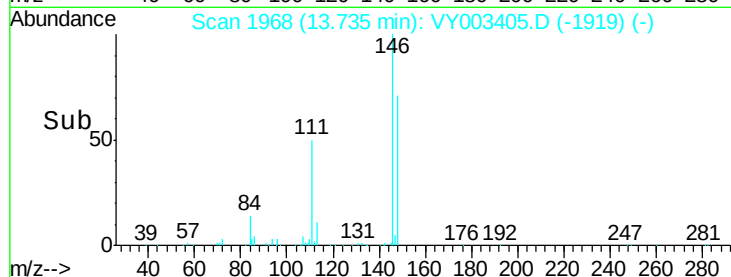
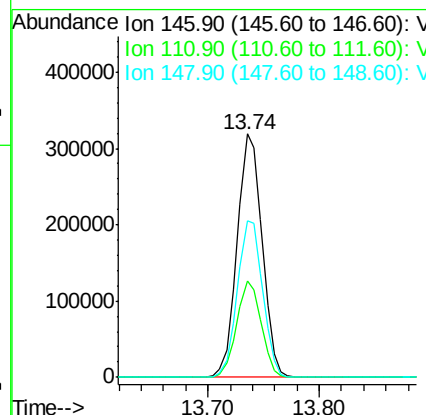
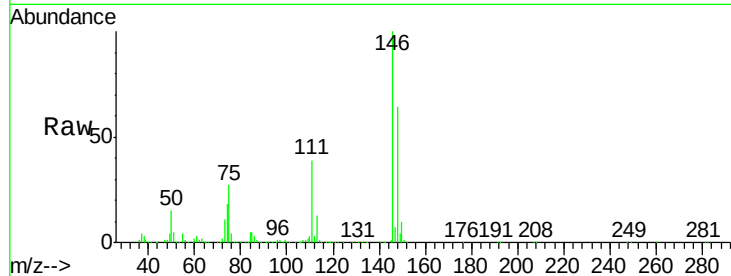




#91
 1,2-Dichlorobenzene
 Concen: 47.978 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

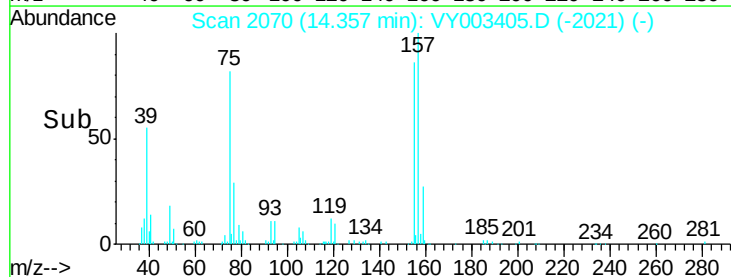
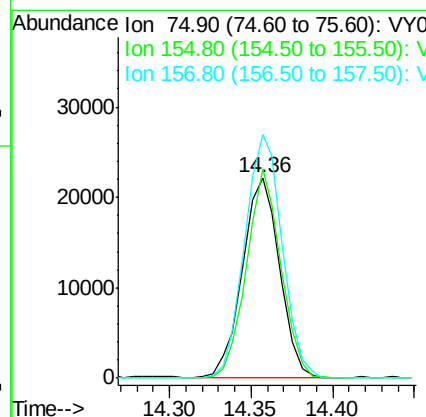
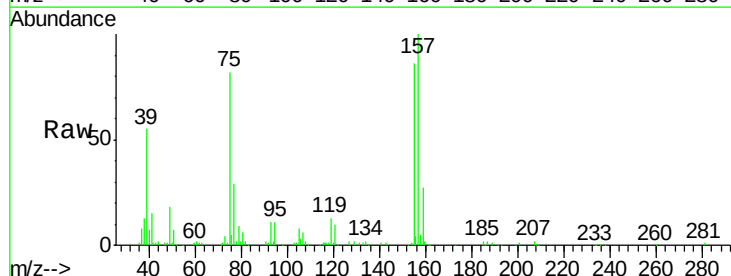
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

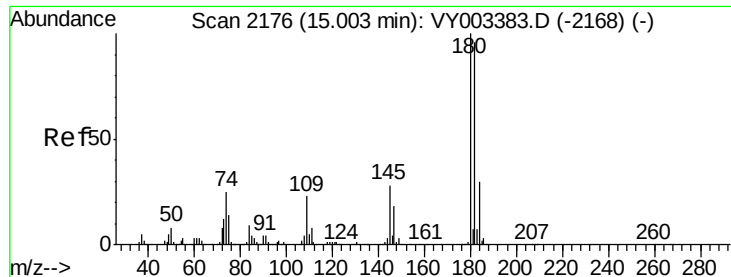
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	65.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.756 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	48.8	146.4
157	122.8	60.9	182.6

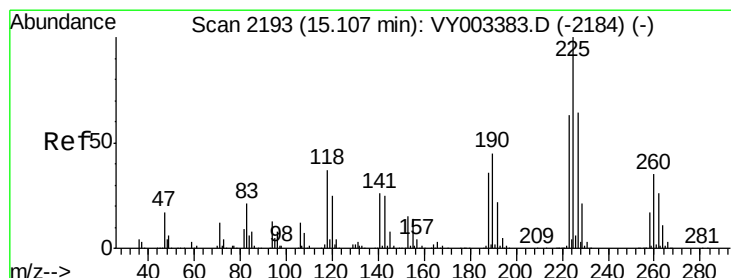
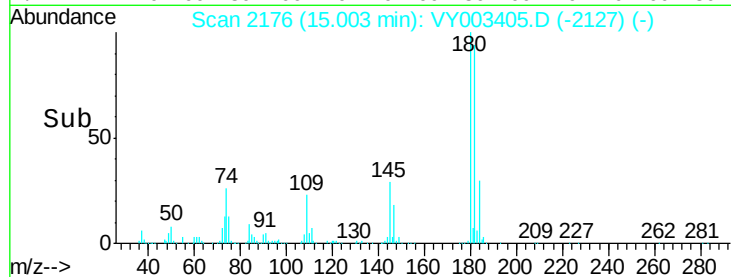
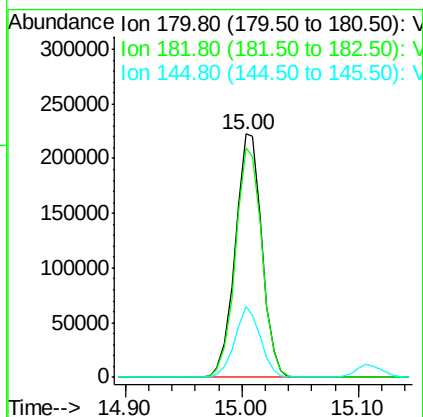
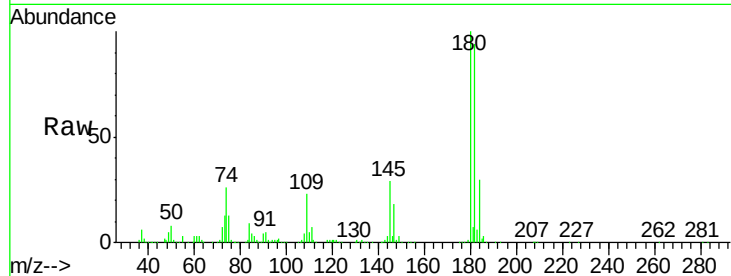




#93
 1,2,4-Trichlorobenzene
 Concen: 48.197 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

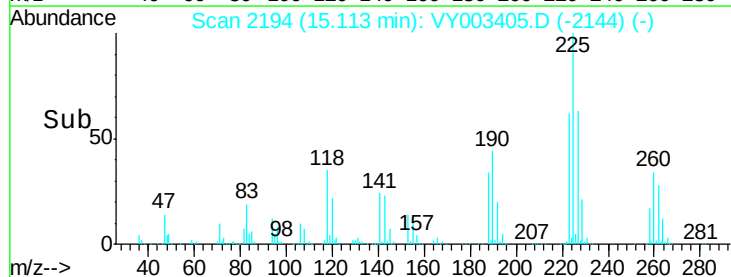
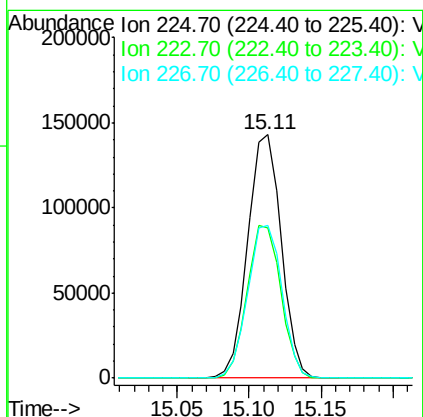
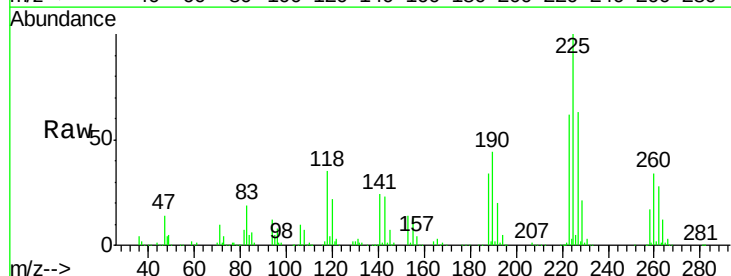
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

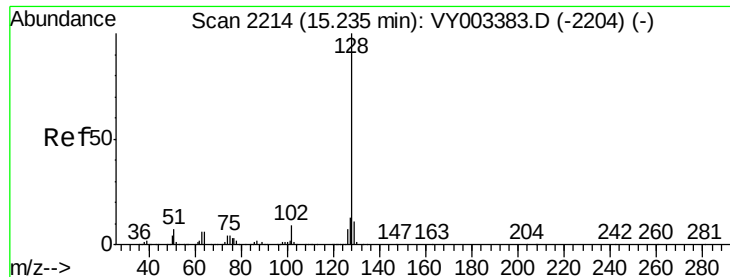
Tot Ion:180 Resp: 352746
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.2 144.6
 145 27.8 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 47.345 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY003405.D
 Acq: 03 Aug 2020 10:03

Tgt Ion:225 Resp: 229476
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.8
 227 64.3 32.0 96.2





#95

Naphthalene

Concen: 47.780 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003405.D

Acq: 03 Aug 2020 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

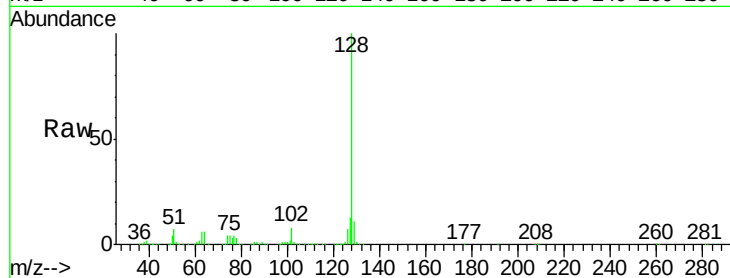
Tot Ion:128 Resp: 592354

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

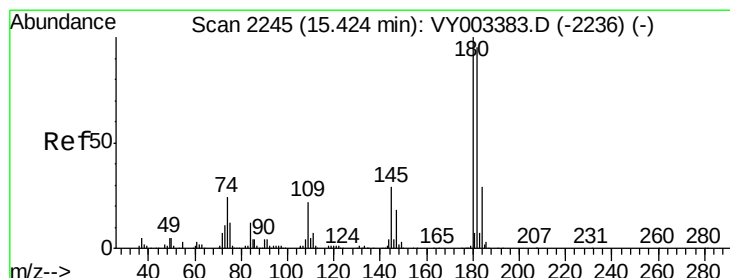
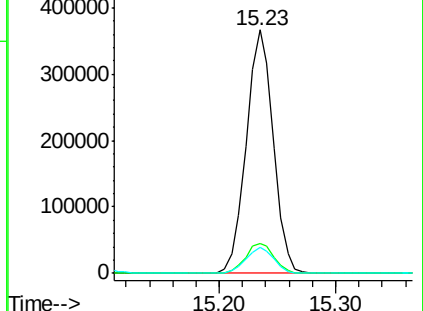
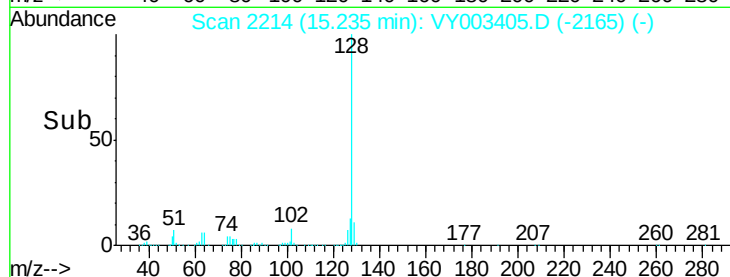
129 11.0 8.7 13.1



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: 47.483 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003405.D

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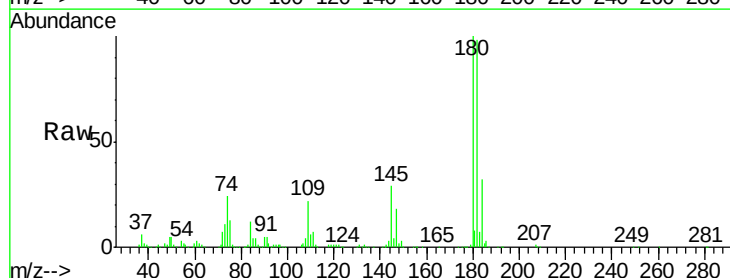
Tgt Ion:180 Resp: 281161

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 29.1 14.5 43.5



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

