

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002485.D
 Acq On : 28 Apr 2020 10:57
 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: Apr 28 15:14:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	293235	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	396237	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	380895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	196241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	116982	45.64	ug/l	-0.02
Spiked Amount			Recovery	=	91.28%	
35) Dibromofluoromethane	7.73	113	114206	51.10	ug/l	-0.02
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	10.19	98	440693	49.06	ug/l	-0.01
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.49	95	124805	41.41	ug/l	0.00
Spiked Amount			Recovery	=	82.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	115197	53.642	ug/l	94
3) Chloromethane	2.12	50	133112	48.717	ug/l	96
4) Vinyl Chloride	2.26	62	99991	50.941	ug/l	97
5) Bromomethane	2.66	94	50214	45.580	ug/l	91
6) Chloroethane	2.80	64	42164	41.395	ug/l	99
7) Trichlorofluoromethane	3.13	101	155405	43.662	ug/l	100
8) Diethyl Ether	3.54	74	41467	28.265	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.91	101	112485	45.911	ug/l	98
10) Methyl Iodide	4.10	142	187738	49.671	ug/l	100
11) Tert butyl alcohol	4.97	59	61097	253.278	ug/l	97
12) 1,1-Dichloroethene	3.88	96	105221	41.917	ug/l	99
13) Acrolein	3.74	56	37942	196.487	ug/l	97
14) Allyl chloride	4.49	41	175995	47.708	ug/l	99
15) Acrylonitrile	5.18	53	171636	244.510	ug/l	99
16) Acetone	3.96	43	162084	302.611	ug/l	98
17) Carbon Disulfide	4.21	76	375724	48.002	ug/l	99
18) Methyl Acetate	4.49	43	79445	46.094	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	336339	49.654	ug/l	99
20) Methylene Chloride	4.73	84	132671	43.384	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	136025	48.131	ug/l	94
22) Diisopropyl ether	6.13	45	336486	46.132	ug/l	99
23) Vinyl Acetate	6.07	43	1116896	240.980	ug/l	100
24) 1,1-Dichloroethane	6.03	63	211219	47.830	ug/l	100
25) 2-Butanone	7.00	43	202406	246.664	ug/l	98
26) 2,2-Dichloropropane	6.99	77	211469	50.072	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	148369	48.267	ug/l	99
28) Bromochloromethane	7.35	49	80304	46.612	ug/l	92
29) Tetrahydrofuran	7.36	42	129870	238.714	ug/l	99
30) Chloroform	7.52	83	227809	48.450	ug/l	97
31) Cyclohexane	7.80	56	192386	43.567	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	221496	49.854	ug/l	100
36) 1,1-Dichloropropene	7.93	75	175659	51.701	ug/l	99
37) Ethyl Acetate	7.08	43	88919	52.095	ug/l	99
38) Carbon Tetrachloride	7.91	117	214696	54.951	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230441	51.994	ug/l	98
40) Benzene	8.17	78	515293	52.474	ug/l	99
41) Methacrylonitrile	7.33	41	47494m	45.164	ug/l	
42) 1,2-Dichloroethane	8.25	62	150055	52.602	ug/l	100
43) Isopropyl Acetate	8.28	43	166557	52.172	ug/l	100
44) Trichloroethene	8.95	130	163326	53.191	ug/l	97
45) 1,2-Dichloropropane	9.22	63	115695	51.119	ug/l	98
46) Dibromomethane	9.32	93	69919	52.803	ug/l	97
47) Bromodichloromethane	9.50	83	177082	53.477	ug/l	99
48) Methyl methacrylate	9.30	41	76565	52.536	ug/l	99
49) 1,4-Dioxane	9.30	88	19855	1176.587	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	432164	260.624	ug/l	99
52) Toluene	10.25	92	331957	52.514	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	189402	54.464	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	213875	53.734	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	102486	52.347	ug/l	99
56) Ethyl methacrylate	10.52	69	139795	52.257	ug/l	99
57) 1,3-Dichloropropane	10.80	76	172276	52.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	325135	251.332	ug/l	97
59) 2-Hexanone	10.84	43	301658	260.991	ug/l	98
60) Dibromochloromethane	10.99	129	136799	53.325	ug/l	98
61) 1,2-Dibromoethane	11.10	107	99035	51.012	ug/l	100
64) Tetrachloroethene	10.72	164	178396	51.103	ug/l	98
65) Chlorobenzene	11.52	112	366076	49.853	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	142194	51.608	ug/l	99
67) Ethyl Benzene	11.60	91	649373	49.619	ug/l	100
68) m/p-Xylenes	11.70	106	503566	99.953	ug/l	98
69) o-Xylene	12.03	106	218589	46.853	ug/l	100
70) Styrene	12.05	104	375772	46.257	ug/l	100
71) Bromoform	12.21	173	83973	48.380	ug/l #	98
73) Isopropylbenzene	12.33	105	553469	42.186	ug/l	99
74) N-amyl acetate	12.14	43	126213	40.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	95241	47.267	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	77254m	46.448	ug/l	
77) Bromobenzene	12.61	156	162448	49.370	ug/l	99
78) n-propylbenzene	12.67	91	747893	49.097	ug/l	99
79) 2-Chlorotoluene	12.76	91	409081	49.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	551603	49.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40912	45.517	ug/l #	77
82) 4-Chlorotoluene	12.86	91	430660	49.990	ug/l	100
83) tert-Butylbenzene	13.08	119	487140	50.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	544315	50.951	ug/l	98
85) sec-Butylbenzene	13.26	105	652863	50.424	ug/l	99
86) p-Isopropyltoluene	13.38	119	625889	50.689	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	306868	50.423	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	304182	50.266	ug/l	99
89) n-Butylbenzene	13.70	91	552172	48.476	ug/l	99
90) Hexachloroethane	13.97	117	110288	49.417	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	270670	51.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18973	47.429	ug/l	96

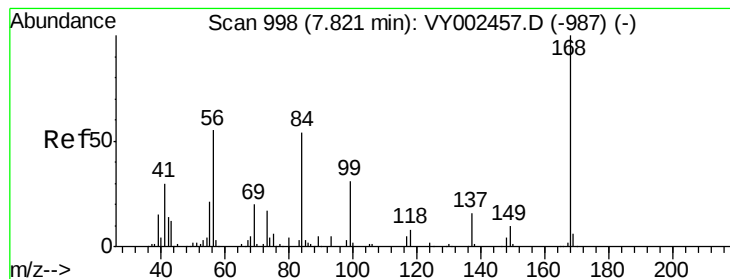
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	196805	47.579	ug/l	100
94) Hexachlorobutadiene	15.12	225	119405	47.831	ug/l	100
95) Naphthalene	15.24	128	363160	47.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	164687	46.939	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

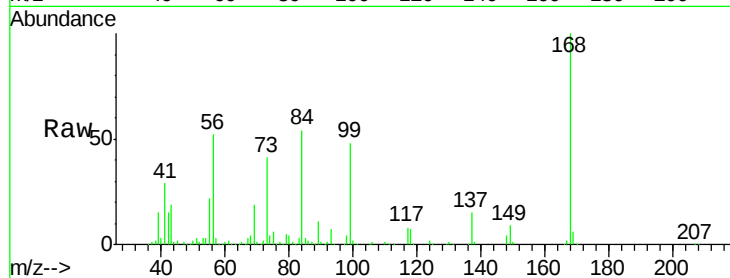
VSTDCCC050

Tot Ion:168 Resp: 293235

Ion Ratio Lower Upper

168 100

99 48.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

150000

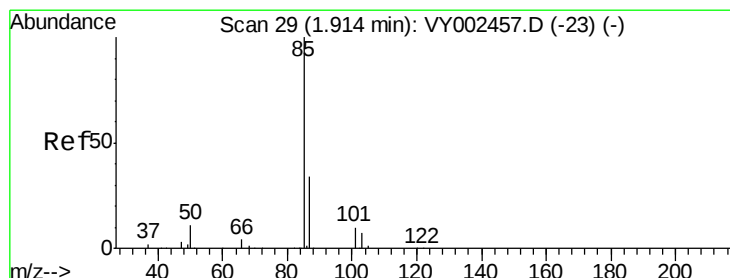
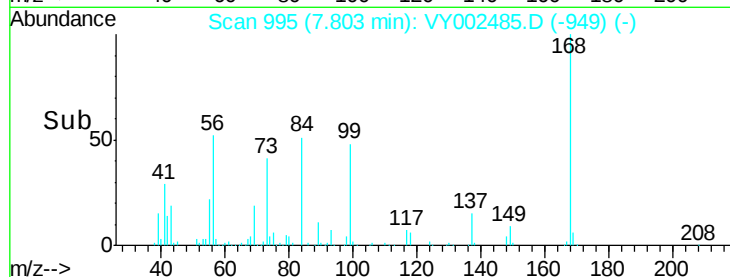
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.642 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002485.D

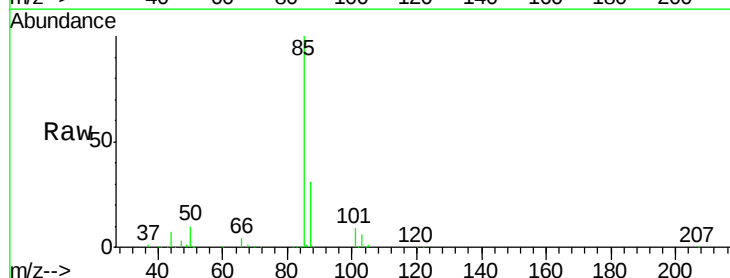
Acq: 28 Apr 2020 10:57

Tgt Ion: 85 Resp: 115197

Ion Ratio Lower Upper

85 100

87 30.7 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002485.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002485.D (-1) (-)

1.91

80000

60000

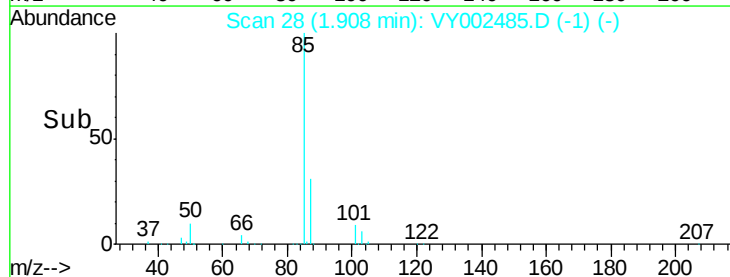
40000

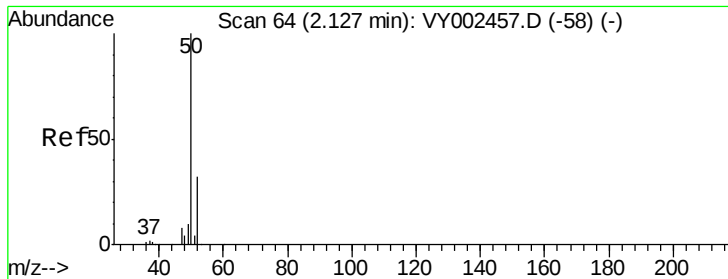
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.717 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

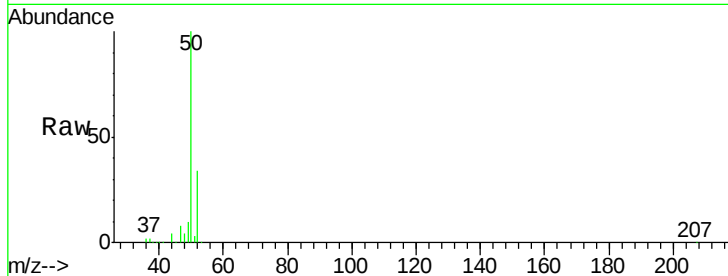
VSTDCCC050

Tot Ion: 50 Resp: 133112

Ion Ratio Lower Upper

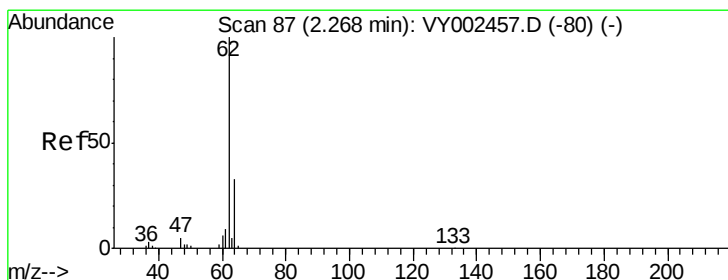
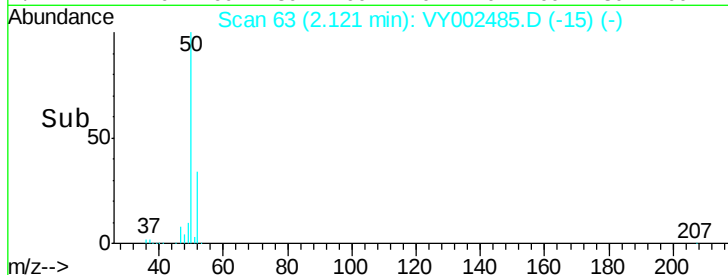
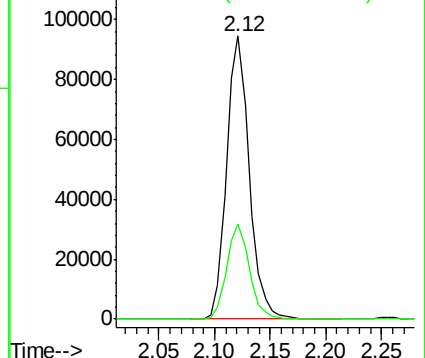
50 100

52 33.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.941 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002485.D

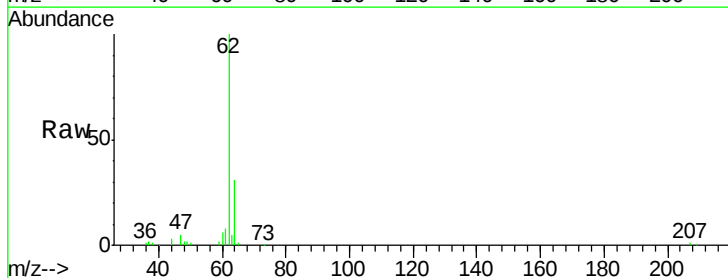
Acq: 28 Apr 2020 10:57

Tgt Ion: 62 Resp: 99991

Ion Ratio Lower Upper

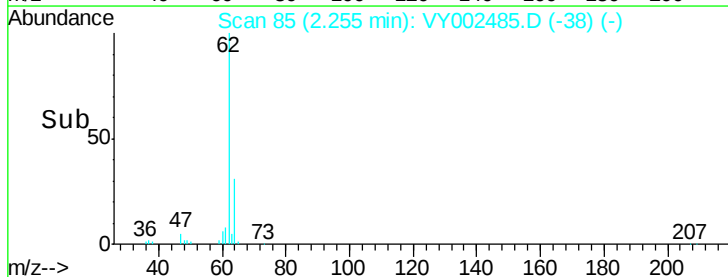
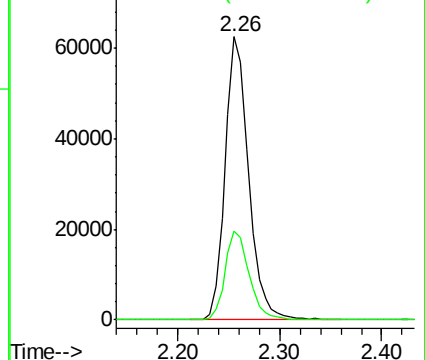
62 100

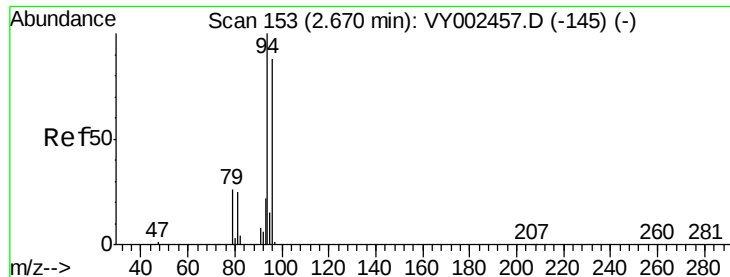
64 31.5 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.580 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

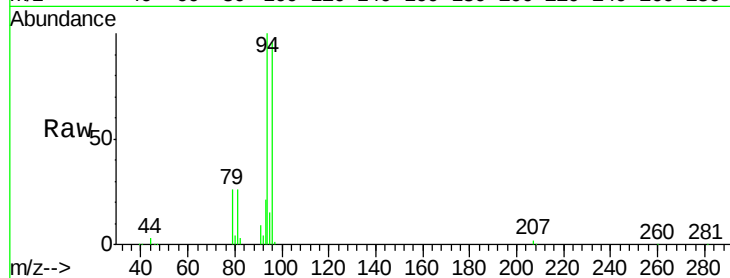
VSTDCCC050

Tot Ion: 94 Resp: 50214

Ion Ratio Lower Upper

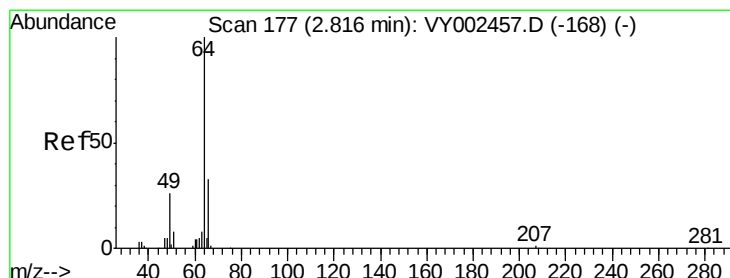
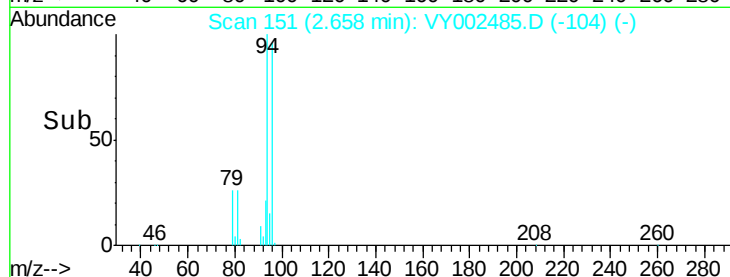
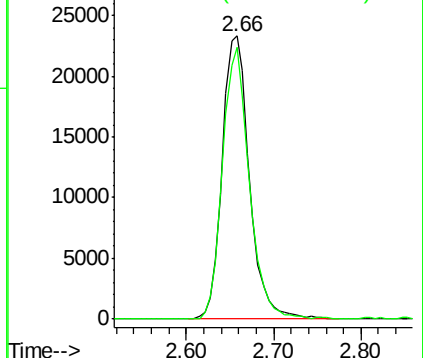
94 100

96 95.7 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 41.395 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY002485.D

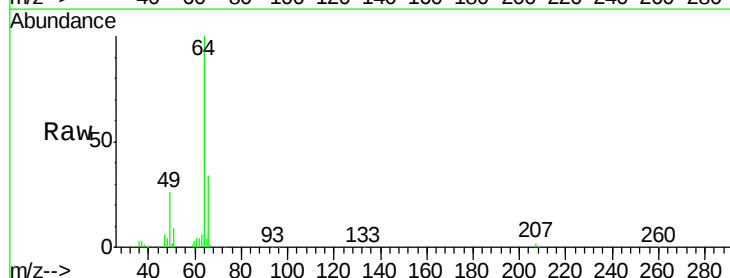
Acq: 28 Apr 2020 10:57

Tgt Ion: 64 Resp: 42164

Ion Ratio Lower Upper

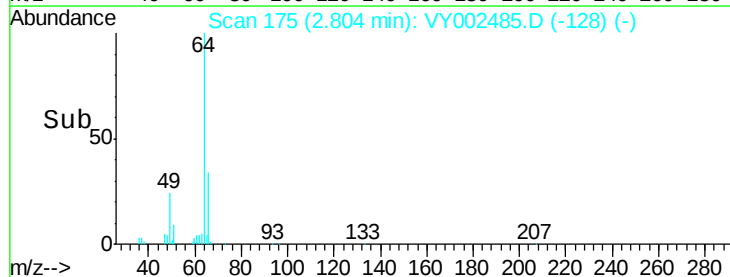
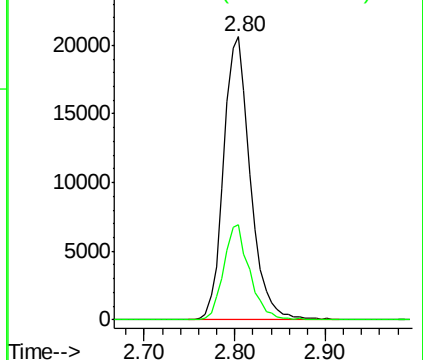
64 100

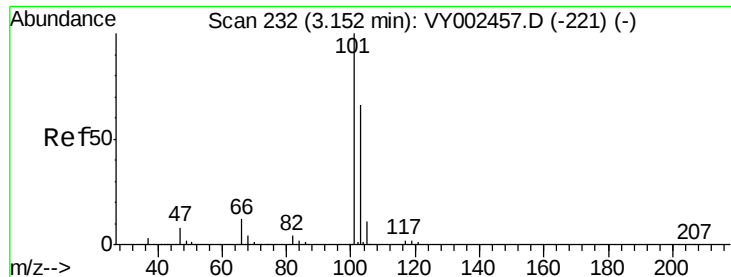
66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



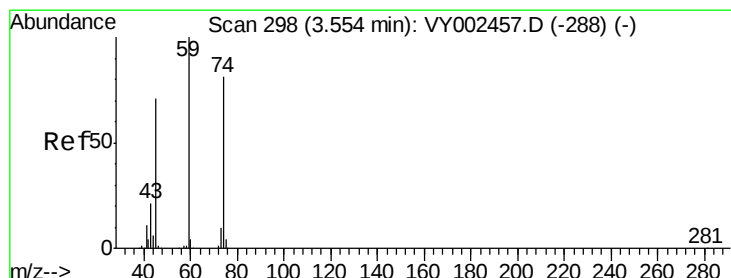
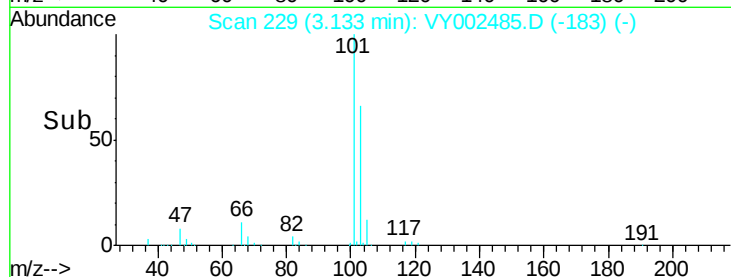
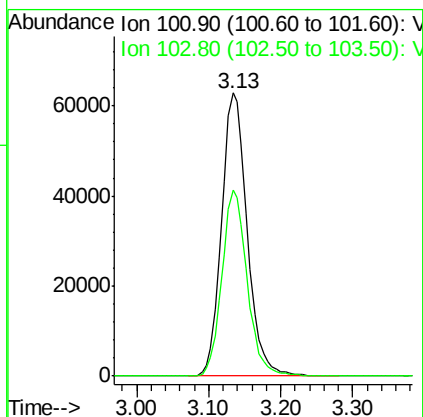
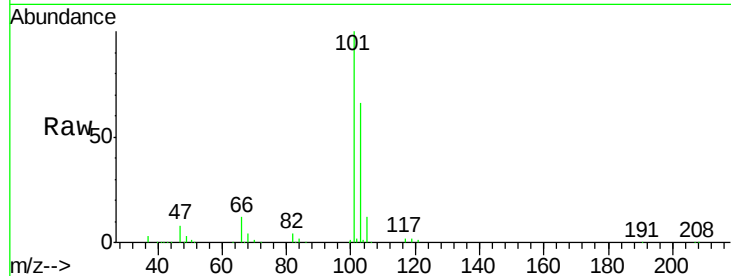


#7

Trichlorofluoromethane
 Concen: 43.662 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Instrument :
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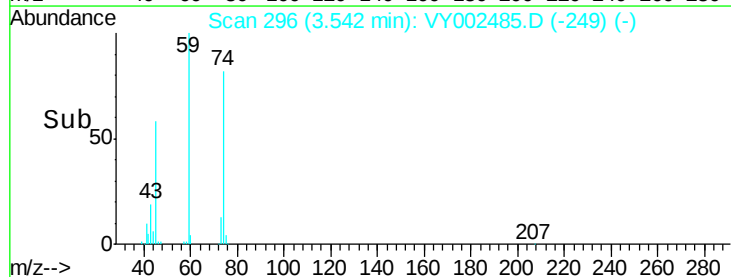
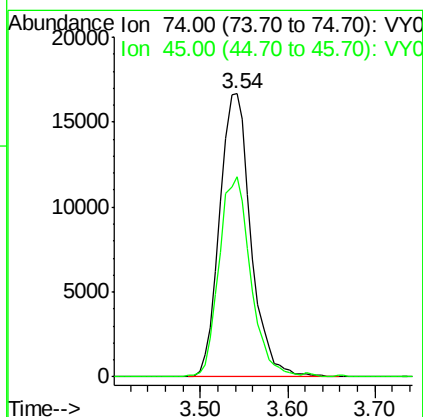
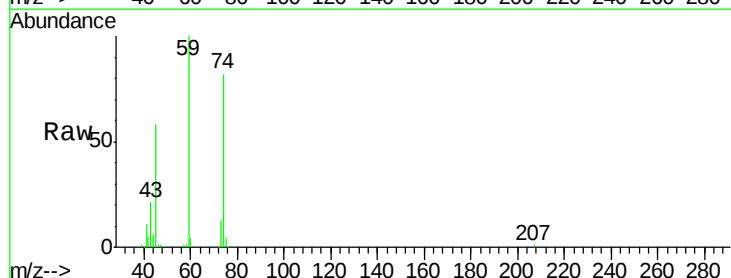
Tot Ion:101 Resp: 155405
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7

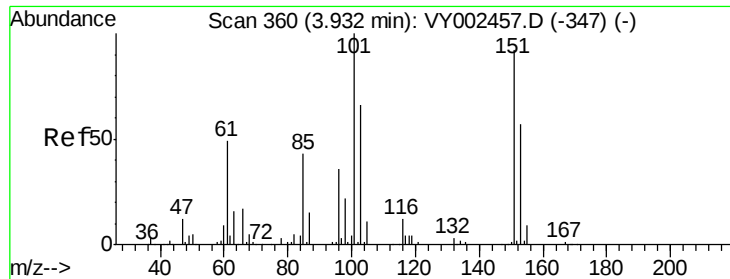


#8

Diethyl Ether
 Concen: 28.265 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 74 Resp: 41467
 Ion Ratio Lower Upper
 74 100
 45 71.2 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.911 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

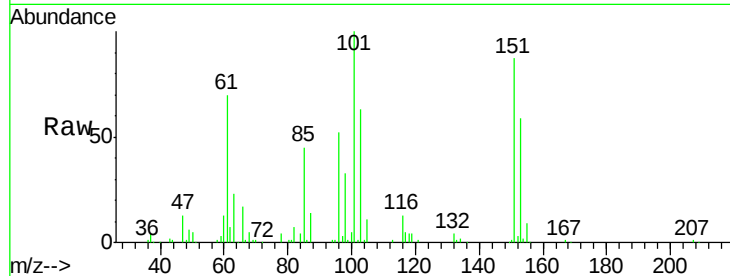
Tot Ion:101 Resp: 112485

Ion Ratio Lower Upper

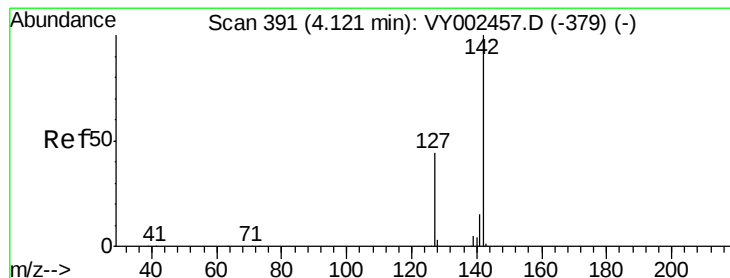
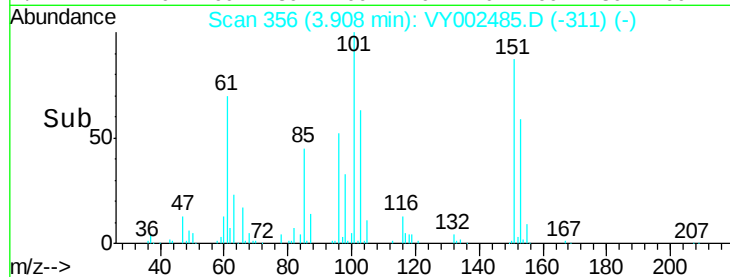
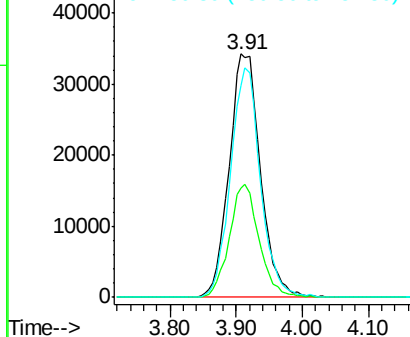
101 100

85 44.1 34.1 51.1

151 90.0 70.3 105.5



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: 49.671 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

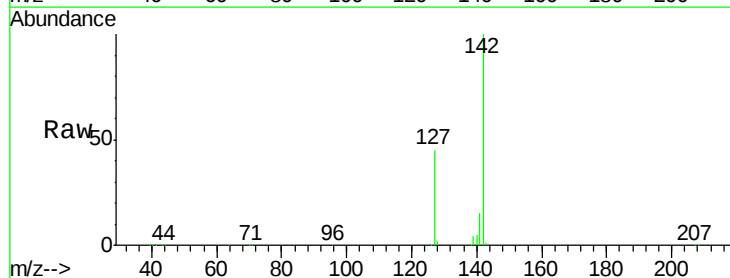
Tgt Ion:142 Resp: 187738

Ion Ratio Lower Upper

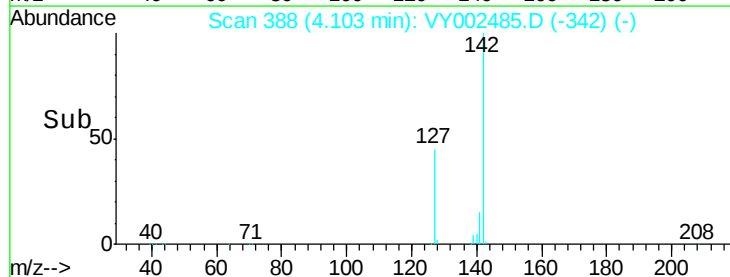
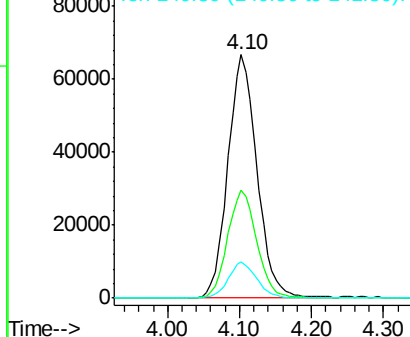
142 100

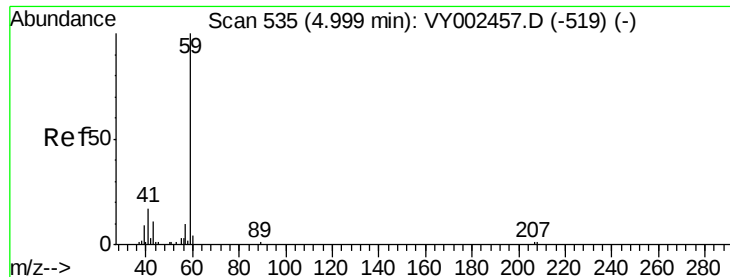
127 44.5 35.8 53.8

141 14.4 11.6 17.4



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



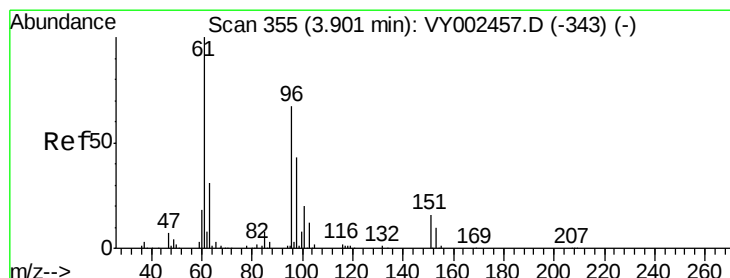
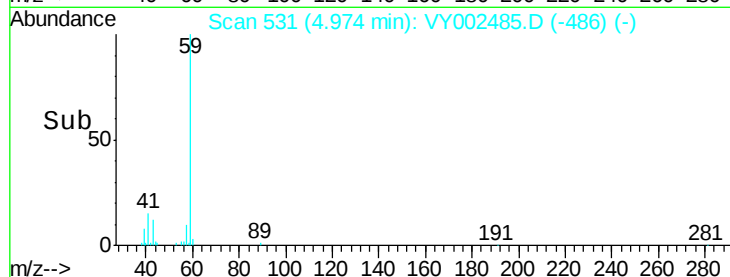
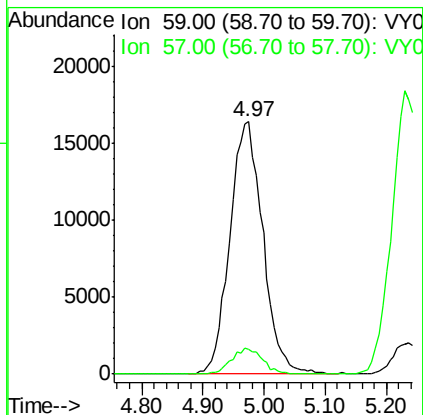
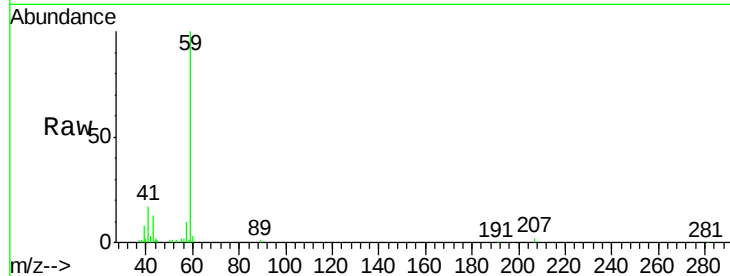


#11

Tert butyl alcohol
 Concen: 253.278 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

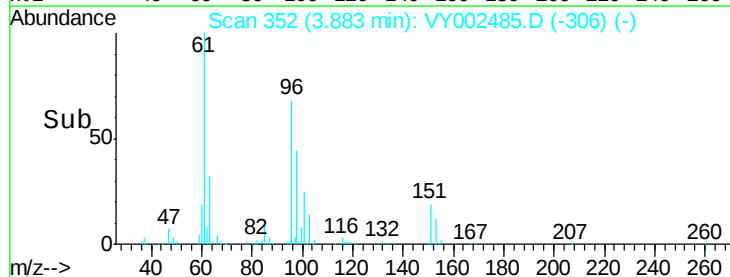
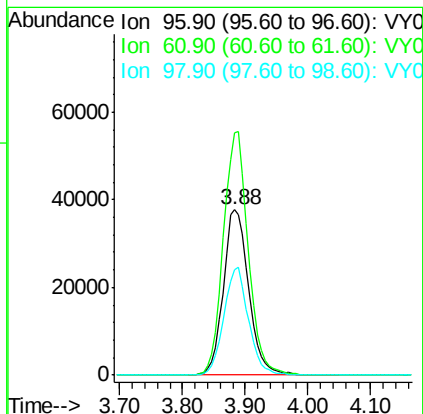
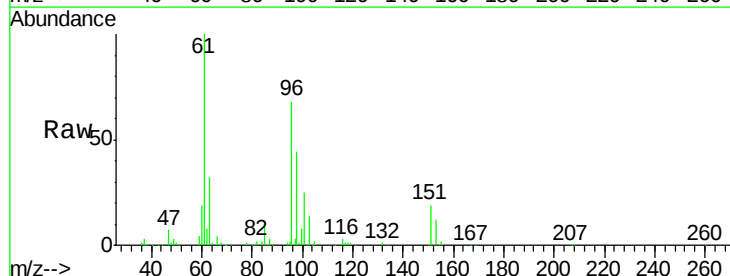
Tot Ion: 59 Resp: 61097
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

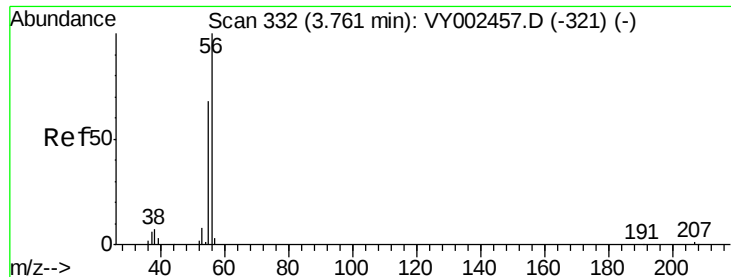


#12

1,1-Dichloroethene
 Concen: 41.917 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 96 Resp: 105221
 Ion Ratio Lower Upper
 96 100
 61 147.3 119.0 178.6
 98 64.2 51.4 77.2





#13

Acrolein

Concen: 196.487 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

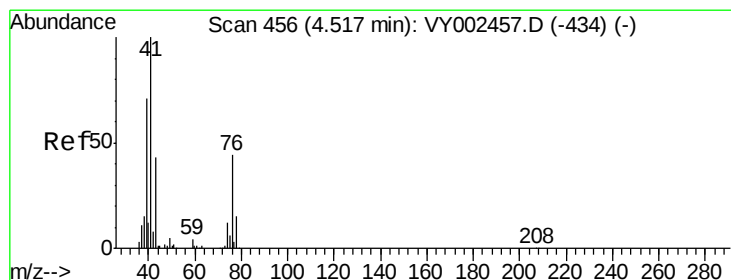
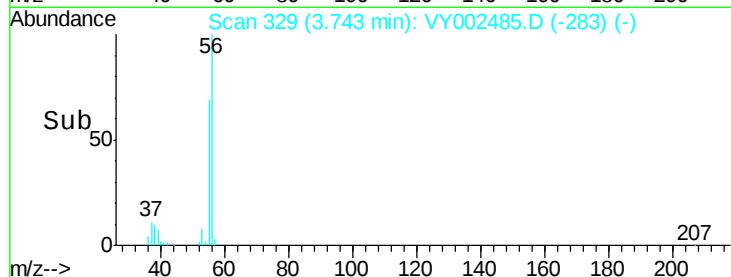
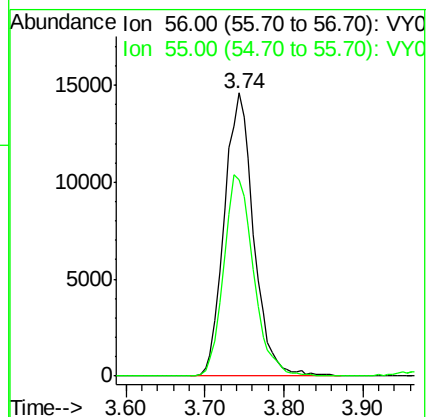
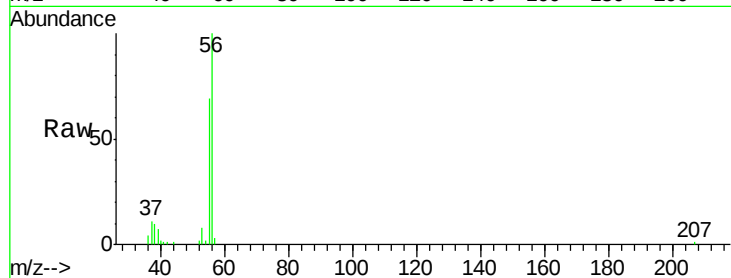
VSTDCCC050

Tot Ion: 56 Resp: 37942

Ion Ratio Lower Upper

56 100

55 71.8 55.8 83.6



#14

Allyl chloride

Concen: 47.708 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

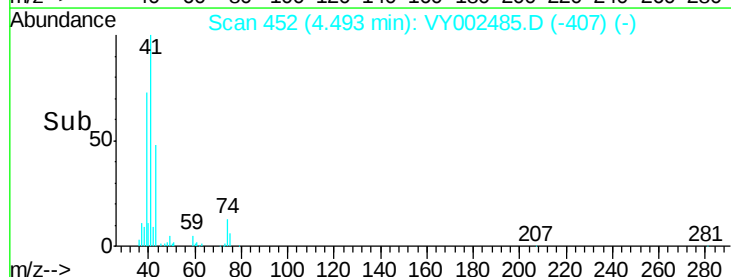
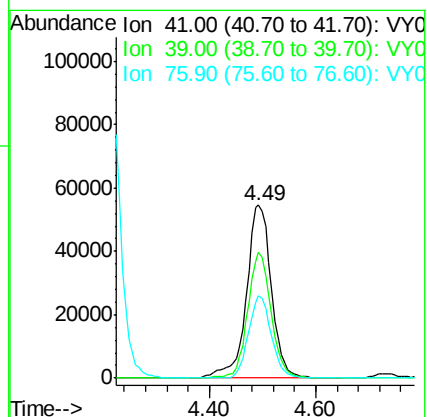
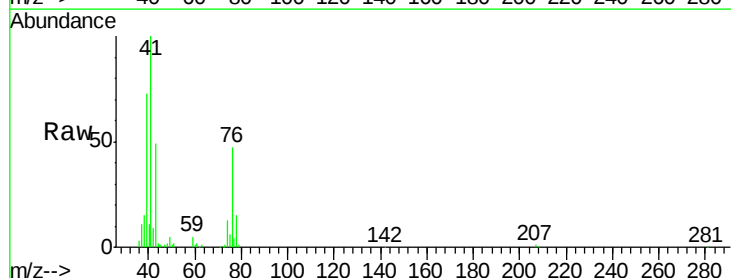
Tgt Ion: 41 Resp: 175995

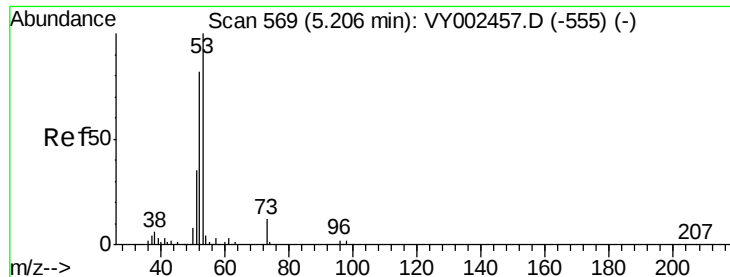
Ion Ratio Lower Upper

41 100

39 68.4 55.1 82.7

76 43.3 34.3 51.5





#15

Acrylonitrile

Concen: 244.510 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

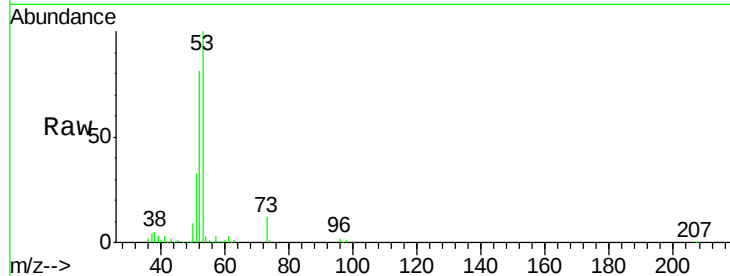
Tot Ion: 53 Resp: 171636

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.2

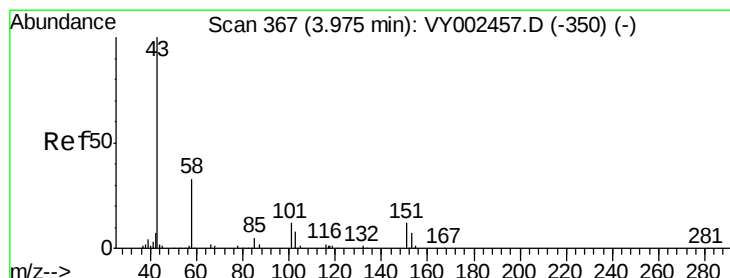
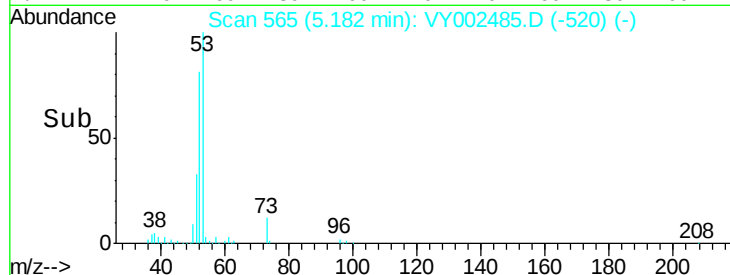
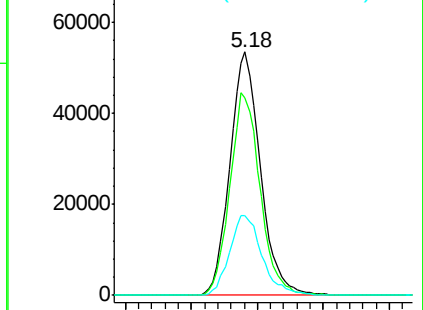
51 35.2 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 302.611 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002485.D

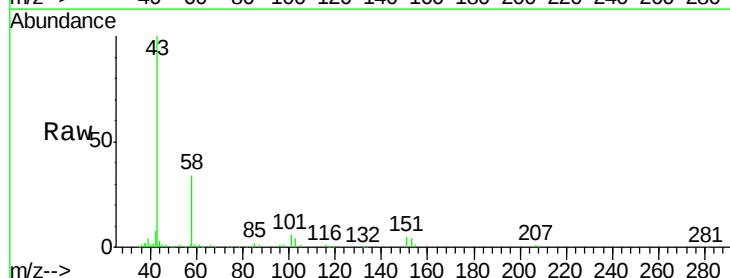
Acq: 28 Apr 2020 10:57

Tgt Ion: 43 Resp: 162084

Ion Ratio Lower Upper

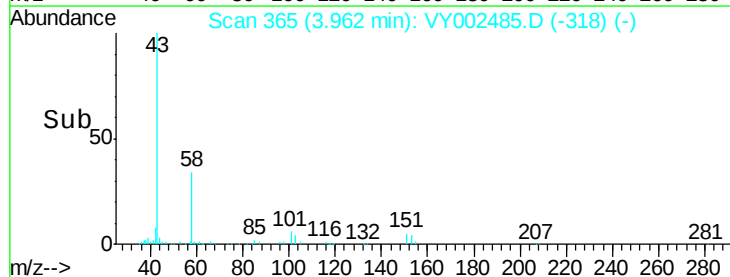
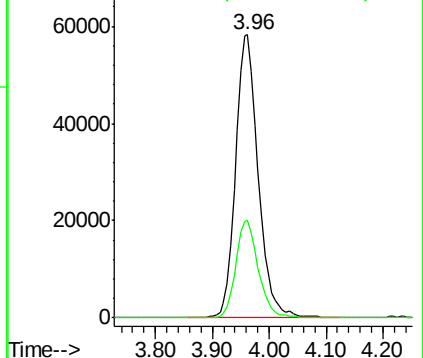
43 100

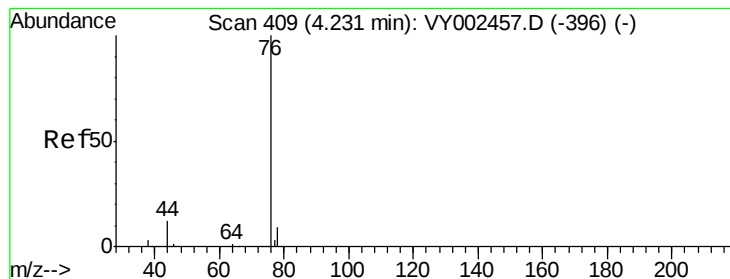
58 34.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 48.002 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

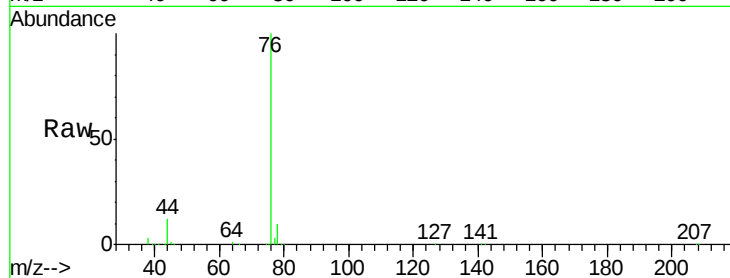
VSTDCCC050

Tot Ion: 76 Resp: 375724

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

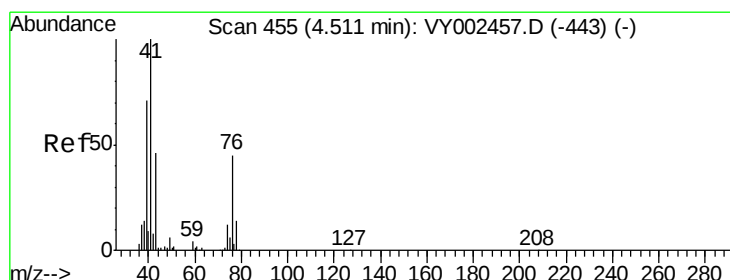
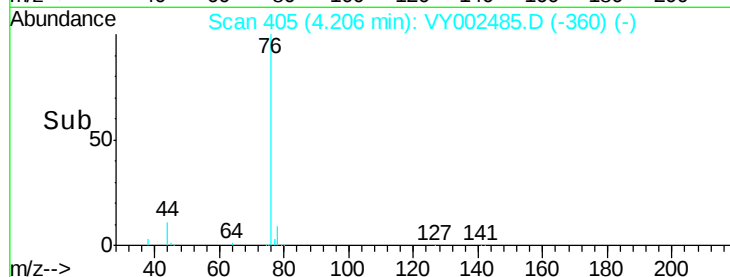
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.094 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002485.D

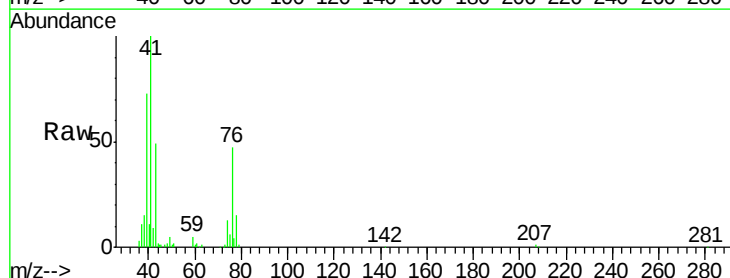
Acq: 28 Apr 2020 10:57

Tgt Ion: 43 Resp: 79445

Ion Ratio Lower Upper

43 100

74 28.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

30000

25000

20000

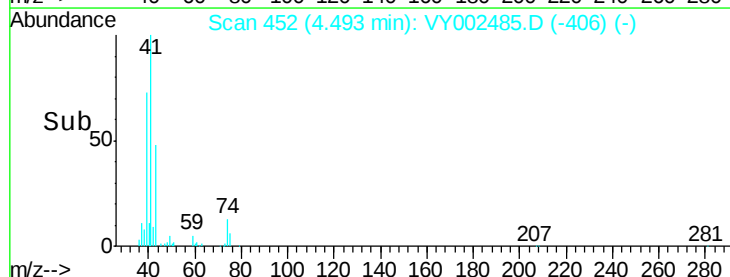
15000

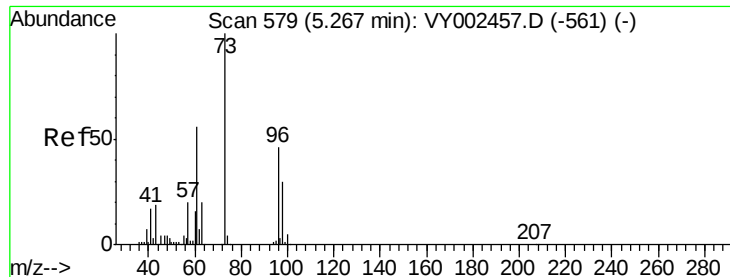
10000

5000

0

Time-->

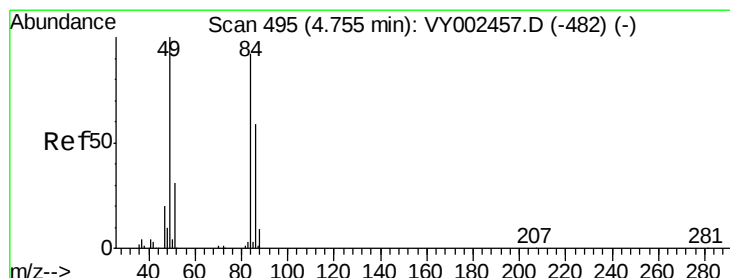
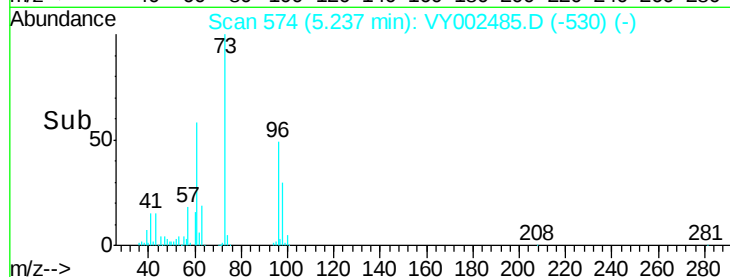
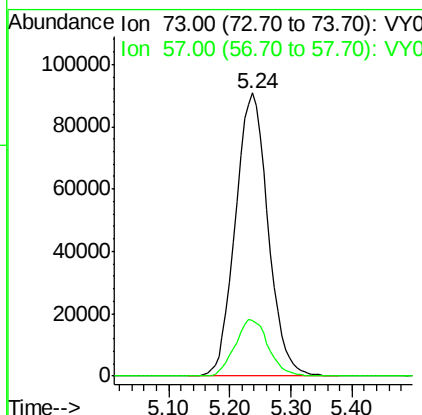
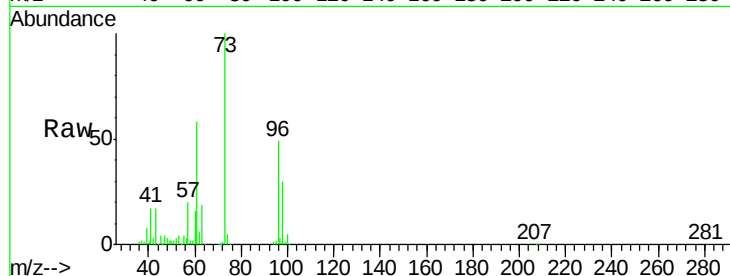




#19
Methvl tert-butvl Ether
Concen: 49.654 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

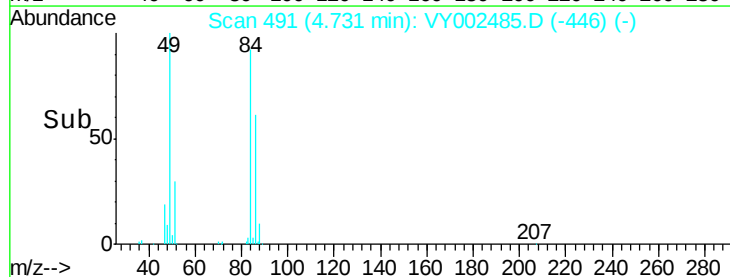
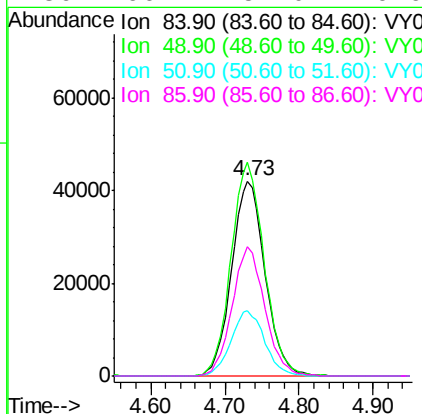
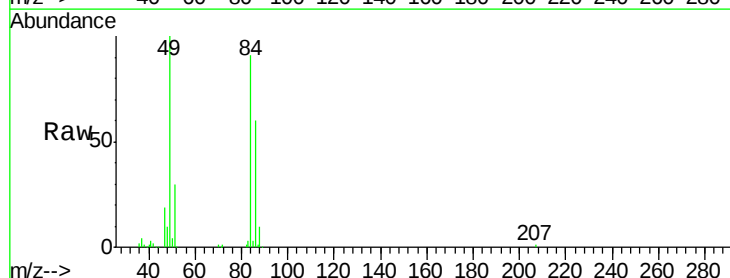
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

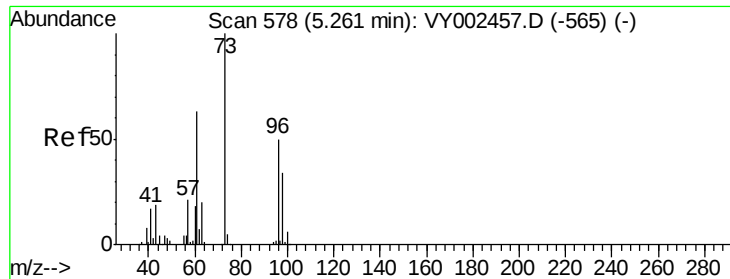
Tot Ion: 73 Resp: 336339
Ion Ratio Lower Upper
73 100
57 19.6 16.0 24.0



#20
Methylene Chloride
Concen: 43.384 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 84 Resp: 132671
Ion Ratio Lower Upper
84 100
49 109.5 86.9 130.3
51 33.2 27.3 40.9
86 66.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.131 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

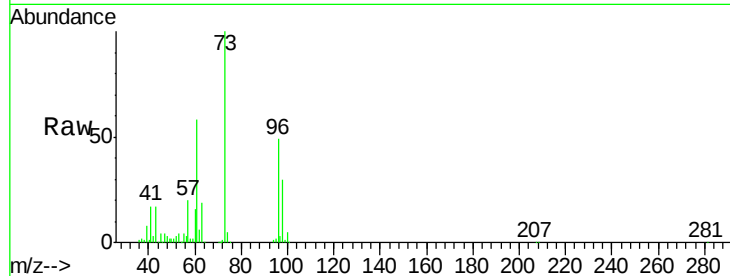
Tot Ion: 96 Resp: 136025

Ion Ratio Lower Upper

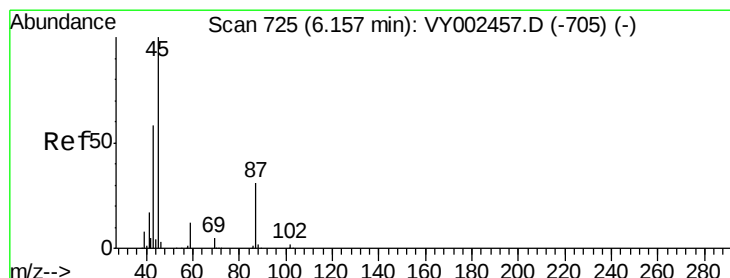
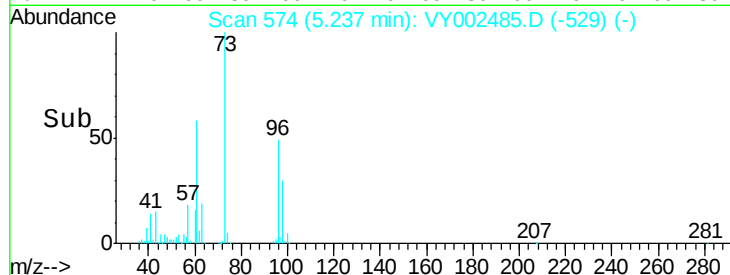
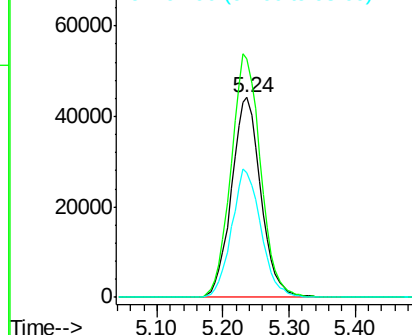
96 100

61 119.3 101.4 152.0

98 62.7 53.6 80.4



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 46.132 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Tgt Ion: 45 Resp: 336486

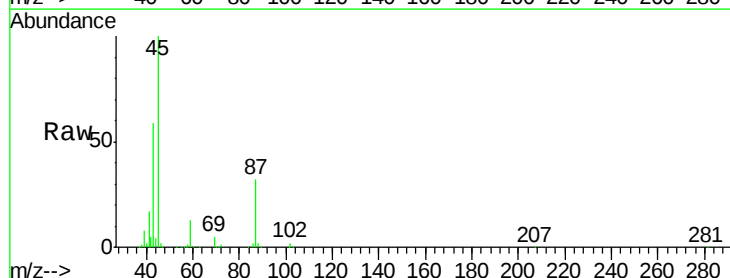
Ion Ratio Lower Upper

45 100

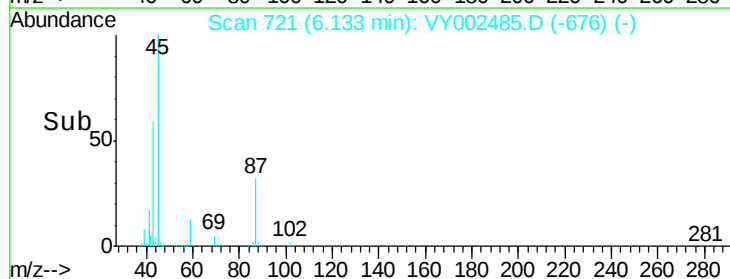
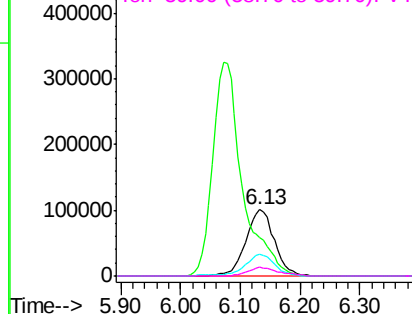
43 58.3 47.1 70.7

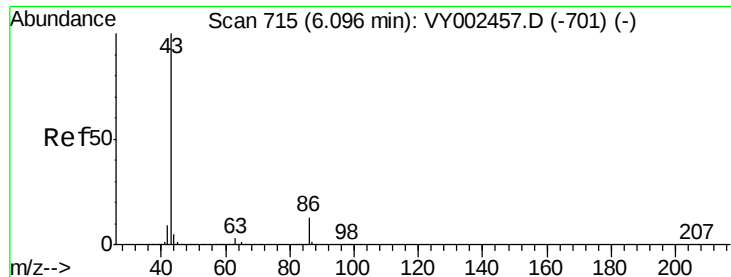
87 32.4 25.0 37.6

59 13.2 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 240.980 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

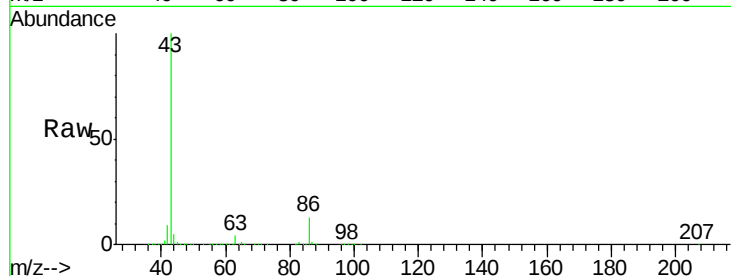
VSTDCCC050

Tot Ion: 43 Resp: 1116896

Ion Ratio Lower Upper

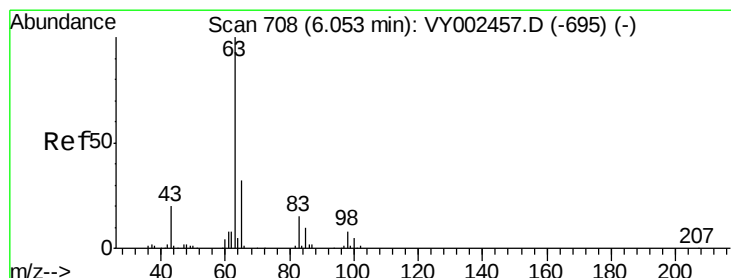
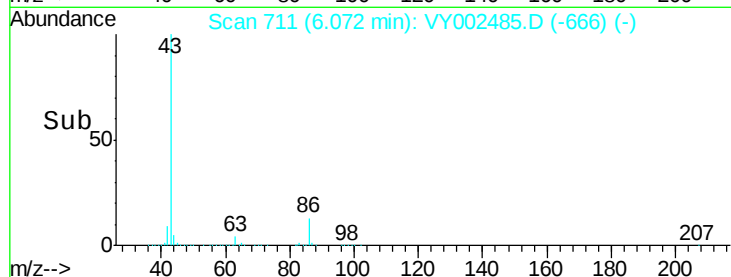
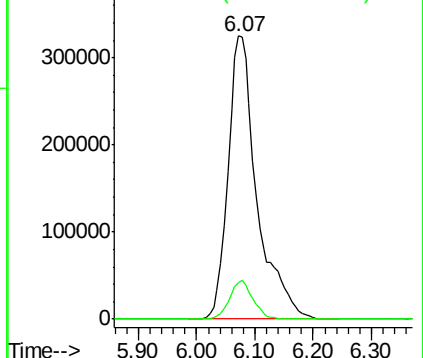
43 100

86 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.830 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

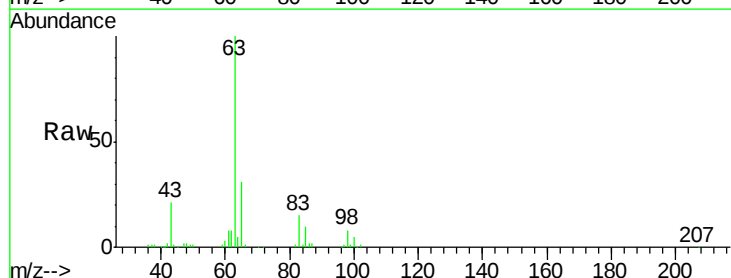
Tgt Ion: 63 Resp: 211219

Ion Ratio Lower Upper

63 100

98 8.1 4.1 12.3

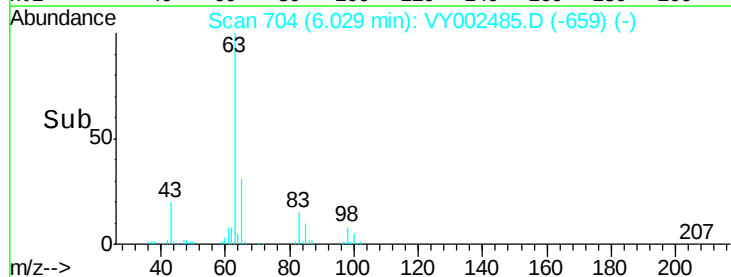
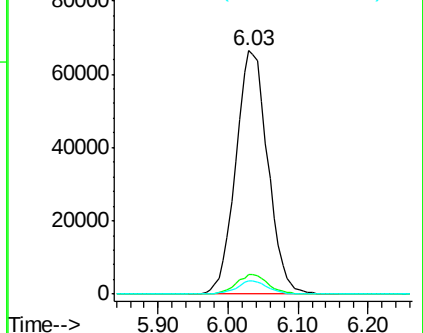
100 5.2 2.5 7.4

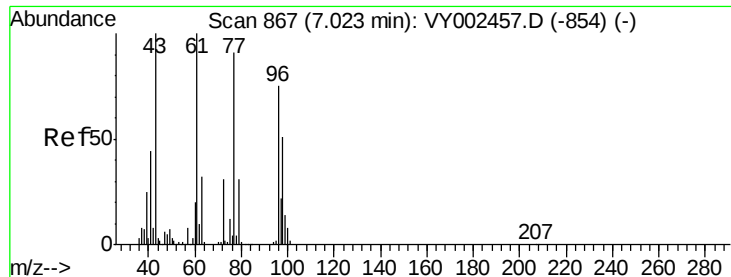


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 246.664 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

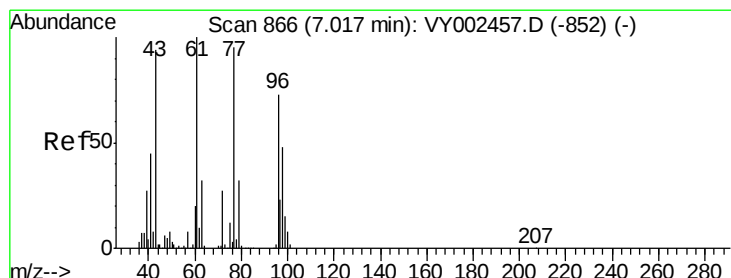
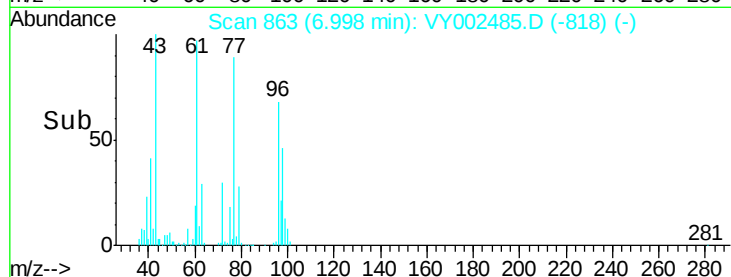
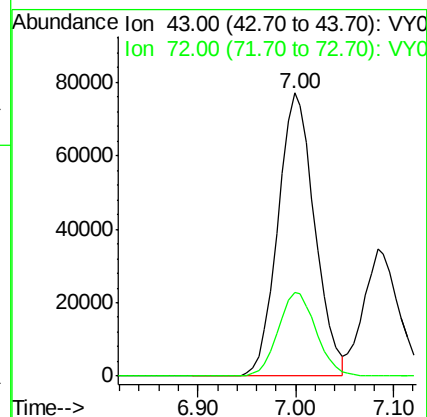
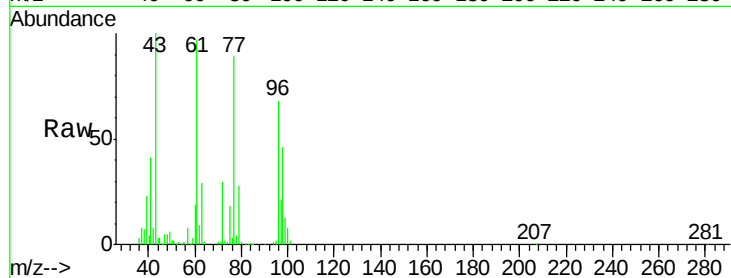
VSTDCCC050

Tot Ion: 43 Resp: 202406

Ion Ratio Lower Upper

43 100

72 29.8 24.8 37.2



#26

2,2-Dichloropropane

Concen: 50.072 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002485.D

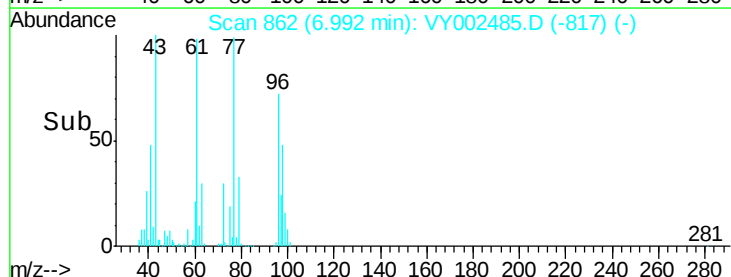
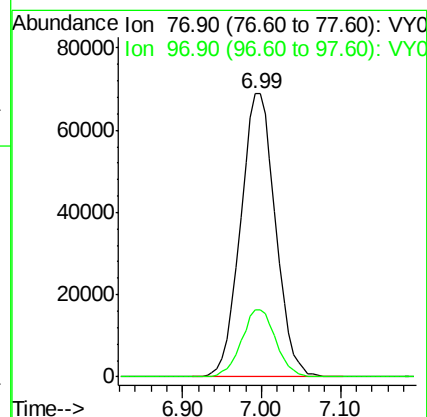
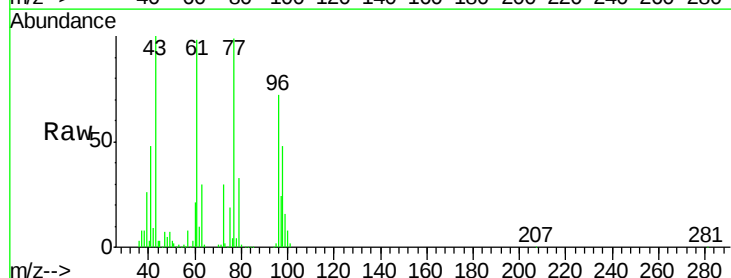
Acq: 28 Apr 2020 10:57

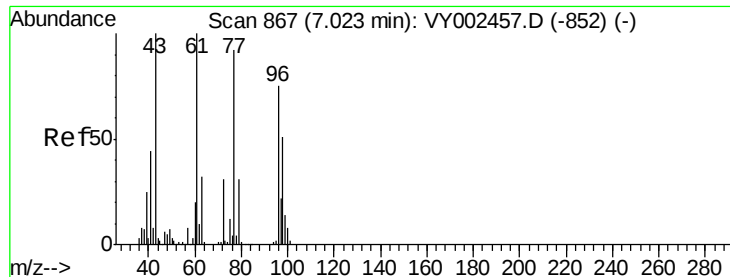
Tgt Ion: 77 Resp: 211469

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.0



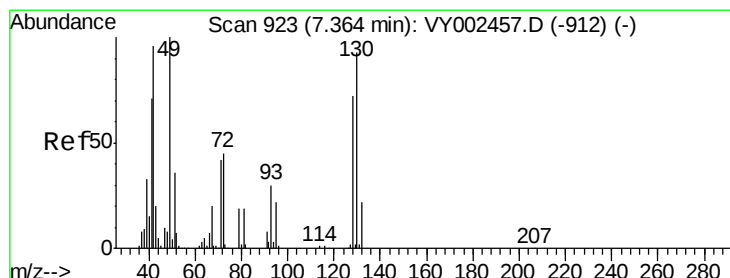
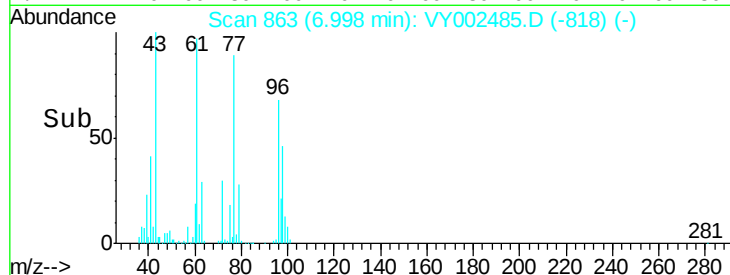
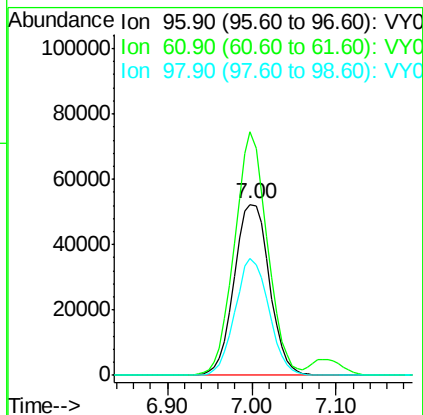
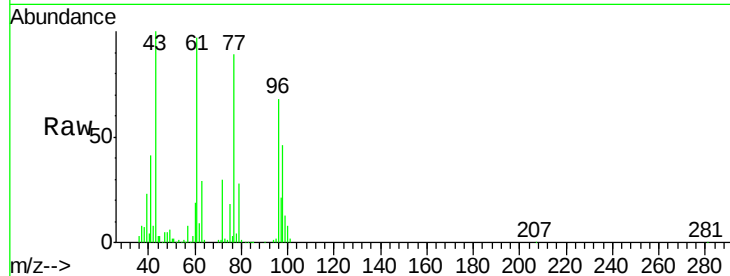


#27

cis-1,2-Dichloroethene
Concen: 48.267 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

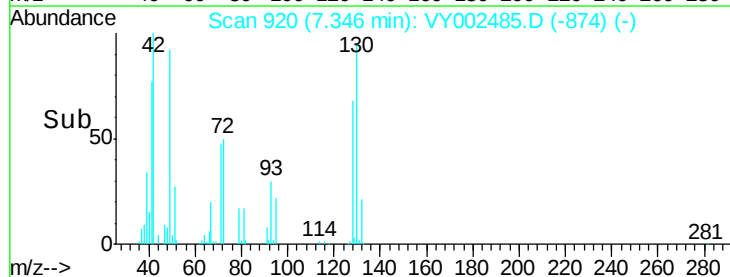
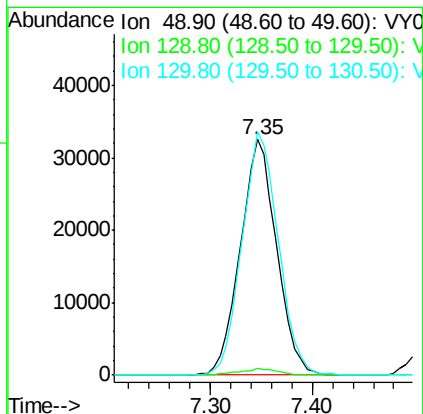
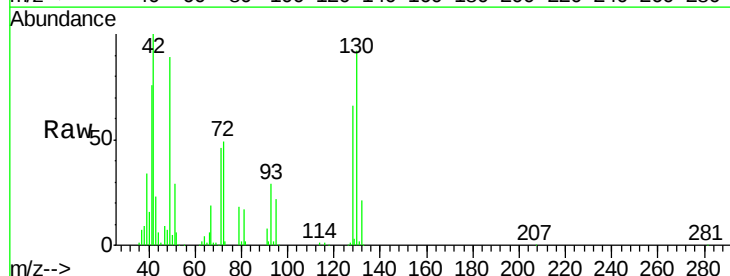
Tot Ion: 96 Resp: 148369
Ion Ratio Lower Upper
96 100
61 132.6 0.0 262.6
98 65.4 0.0 131.0

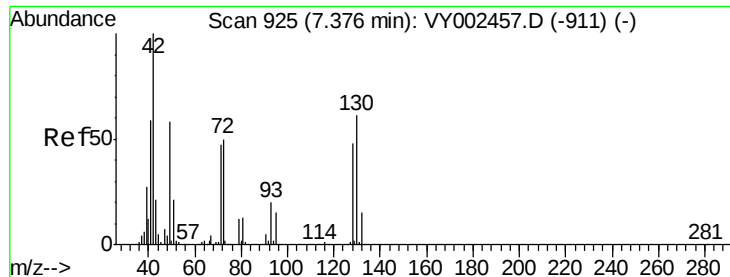


#28

Bromochloromethane
Concen: 46.612 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 49 Resp: 80304
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.6
130 103.4 76.3 114.5

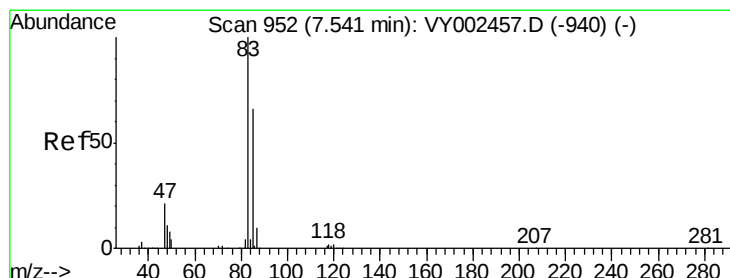
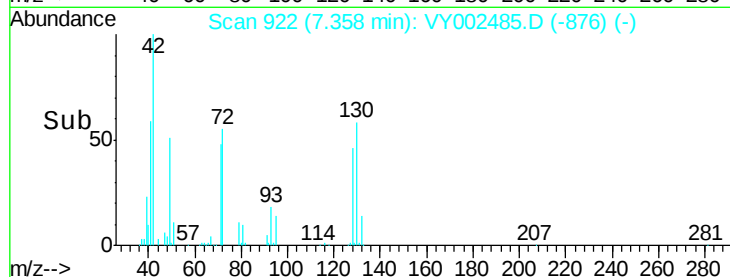
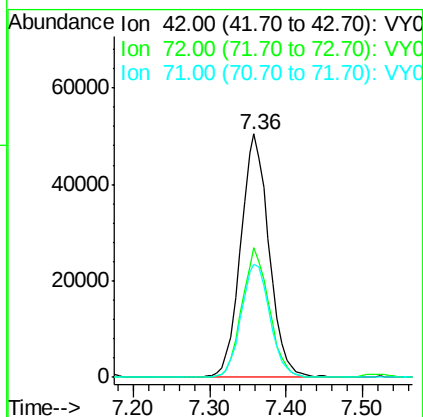
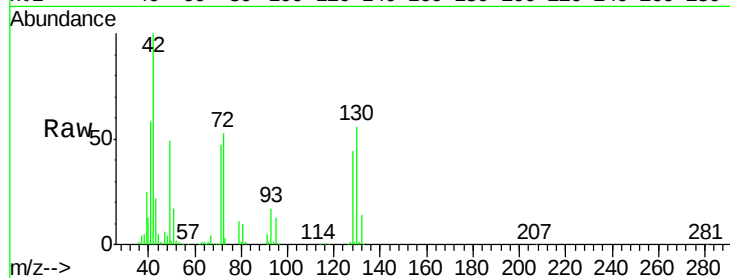




#29
Tetrahydrofuran
Concen: 238.714 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

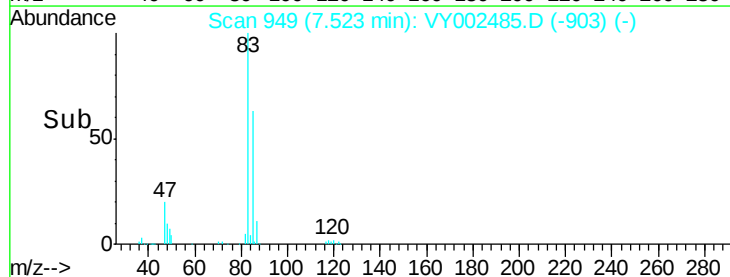
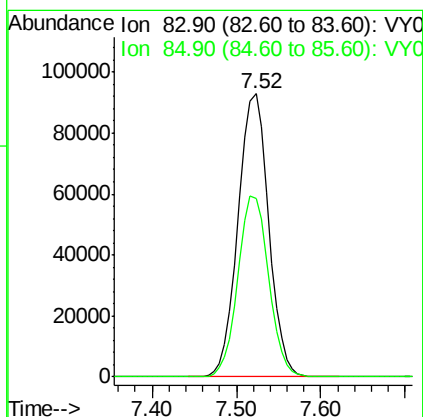
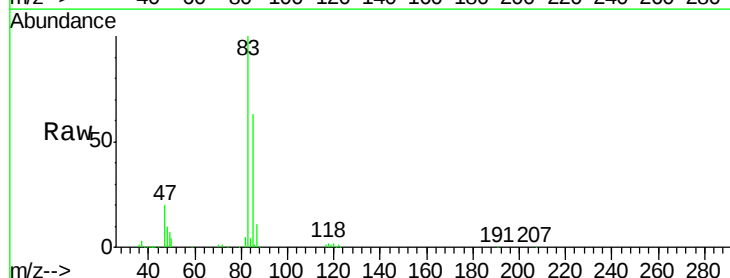
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

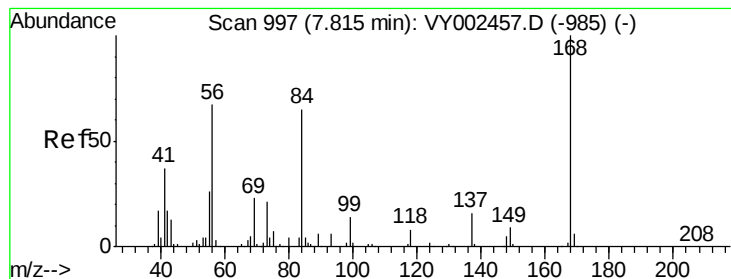
Tot Ion: 42 Resp: 129870
Ion Ratio Lower Upper
42 100
72 51.2 39.5 59.3
71 47.1 37.6 56.4



#30
Chloroform
Concen: 48.450 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 83 Resp: 227809
Ion Ratio Lower Upper
83 100
85 62.9 52.4 78.6





#31

Cyclohexane

Concen: 43.567 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

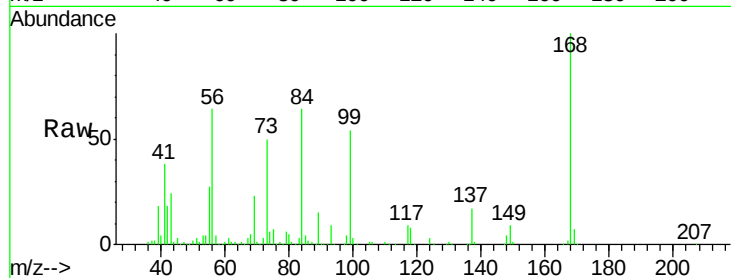
Tot Ion: 56 Resp: 192386

Ion Ratio Lower Upper

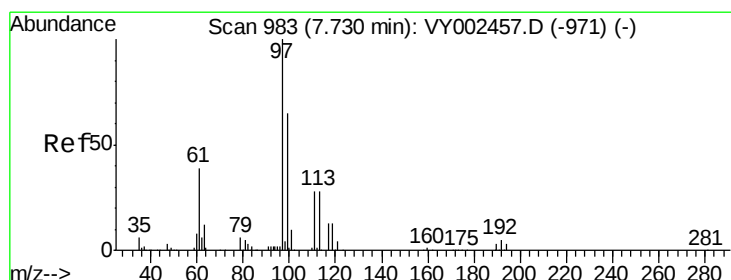
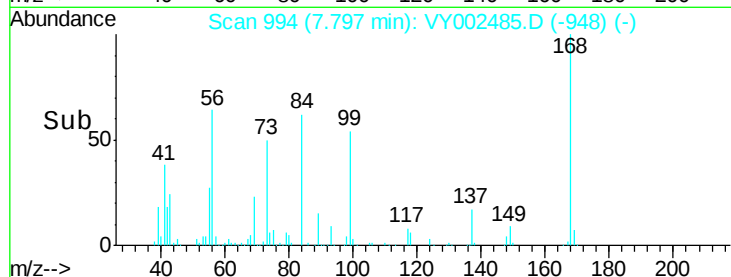
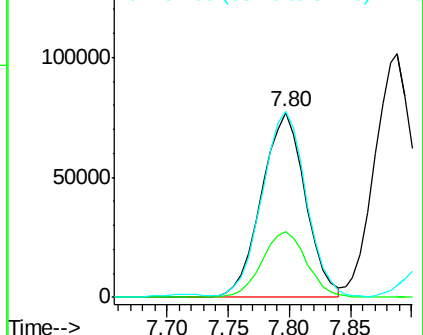
56 100

69 35.2 27.0 40.6

84 98.6 77.4 116.2



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: 49.854 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

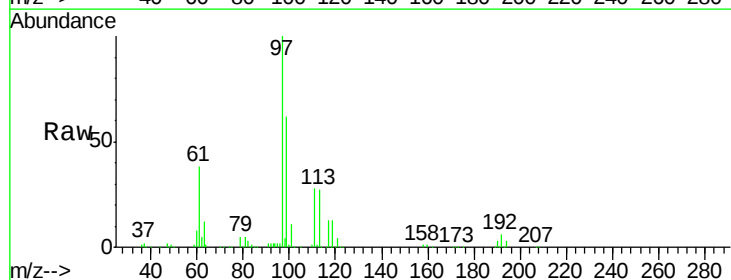
Tgt Ion: 97 Resp: 221496

Ion Ratio Lower Upper

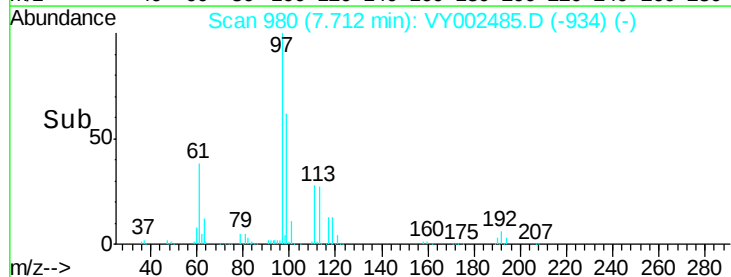
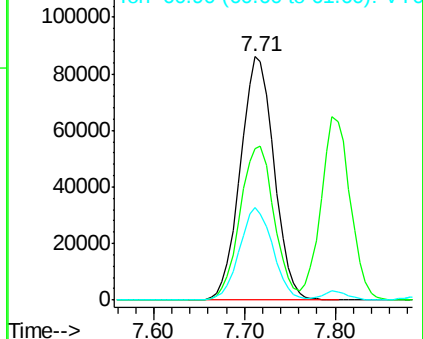
97 100

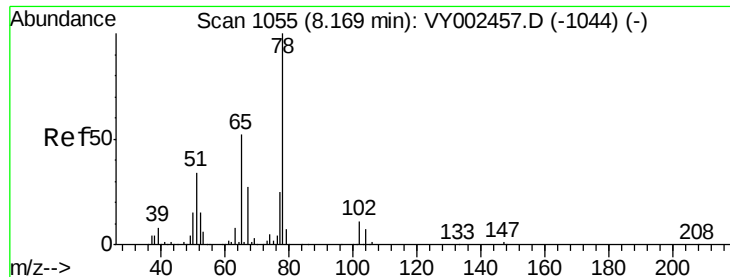
99 64.5 51.6 77.4

61 37.8 30.6 45.8



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: 45.643 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

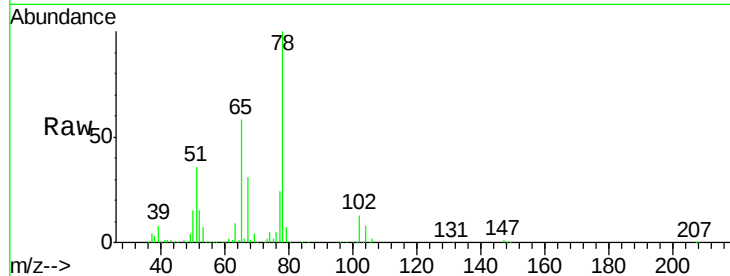
VSTDCCC050

Tot Ion: 65 Resp: 116982

Ion Ratio Lower Upper

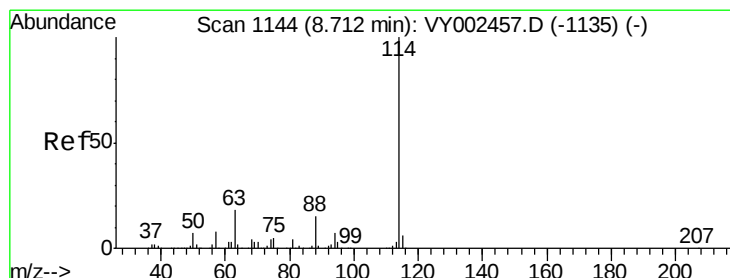
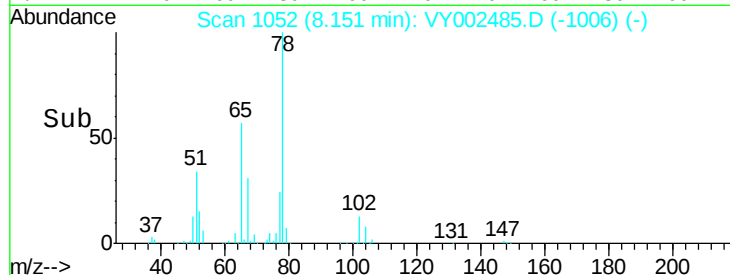
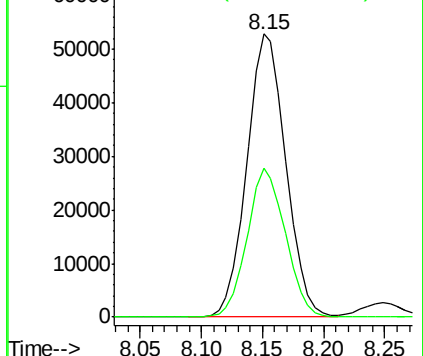
65 100

67 51.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

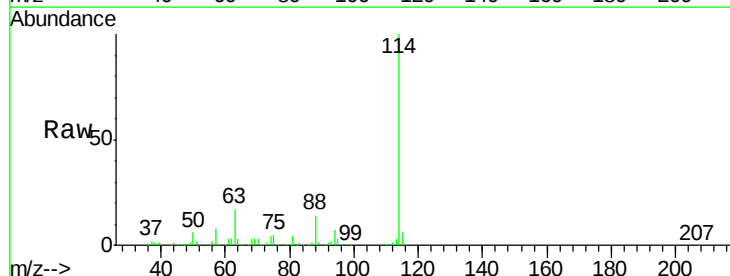
Tgt Ion: 114 Resp: 396237

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.6

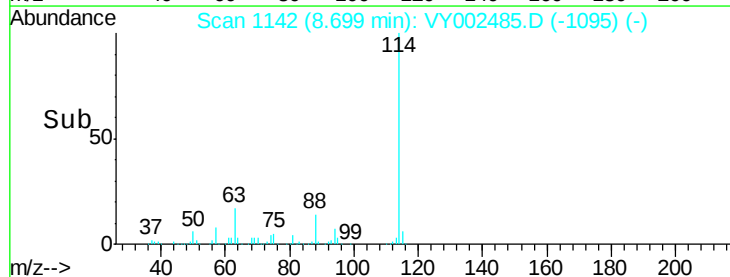
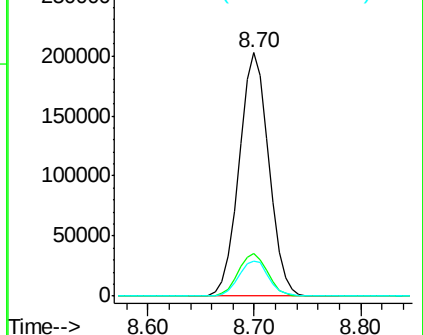
88 14.5 0.0 29.4

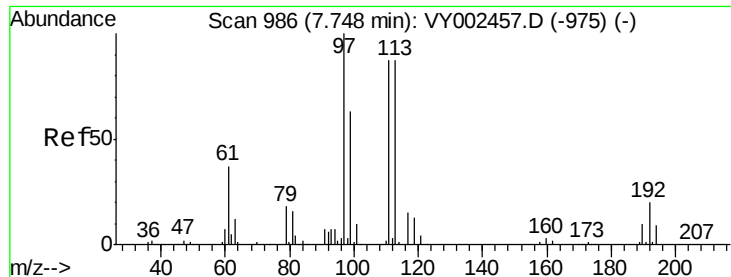


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

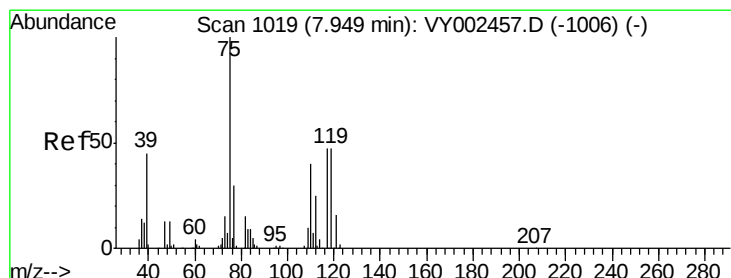
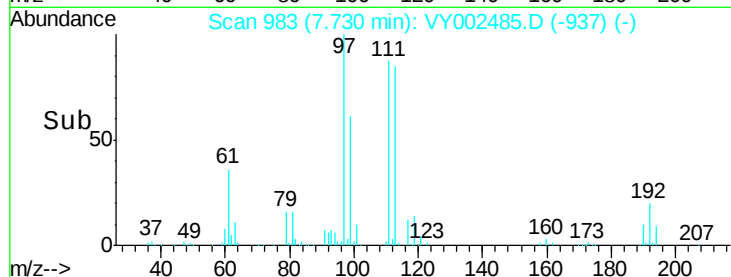
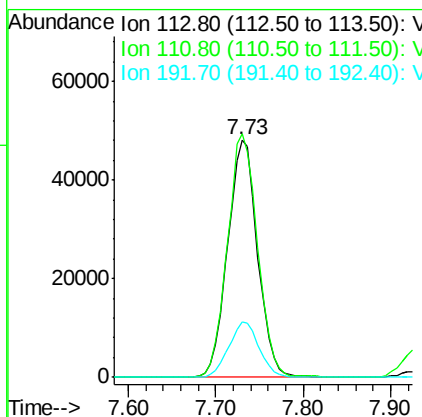
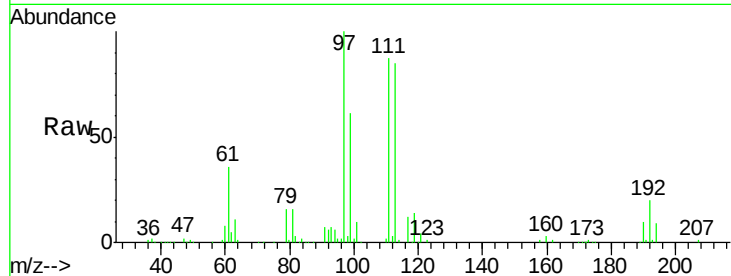




#35
 Dibromofluoromethane
 Concen: 51.099 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

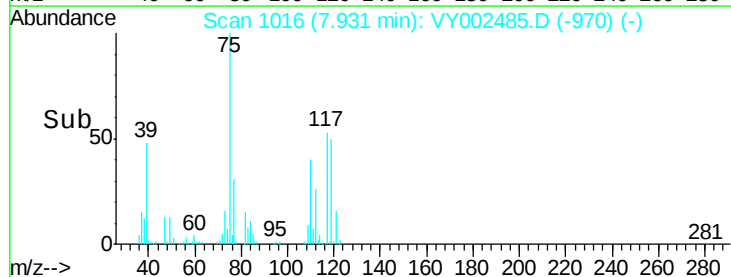
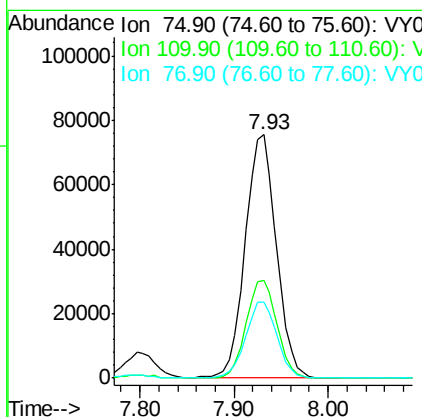
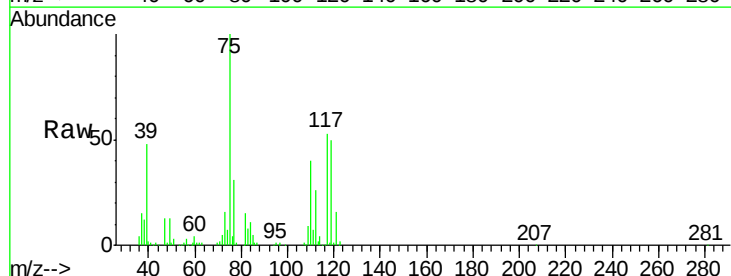
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

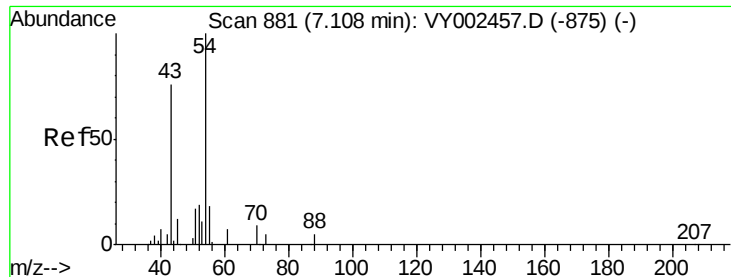
Tot Ion:113 Resp: 114206
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.0 121.4
 192 23.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 51.701 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 75 Resp: 175659
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.4 58.4
 77 31.3 24.7 37.1

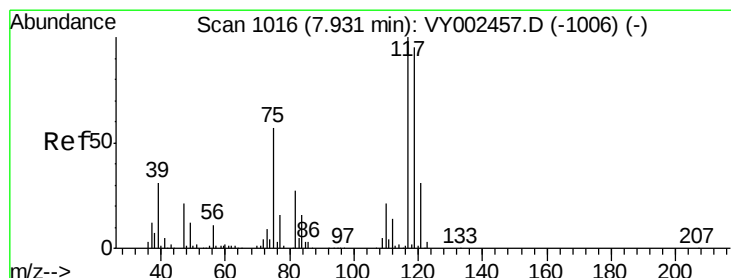
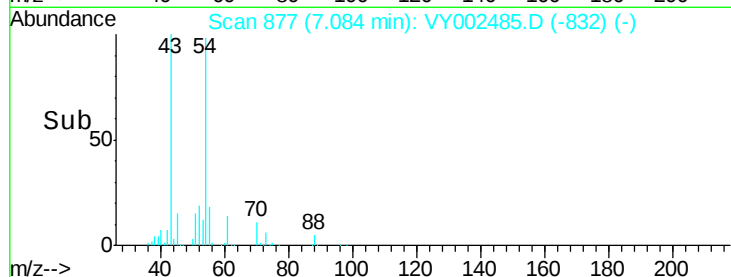
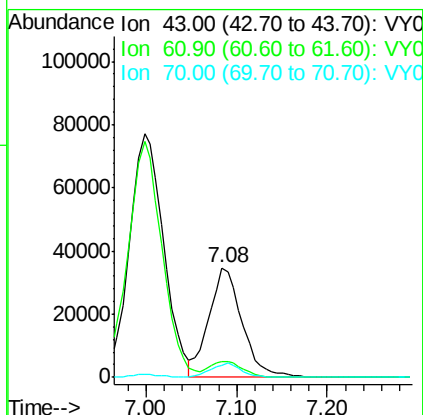
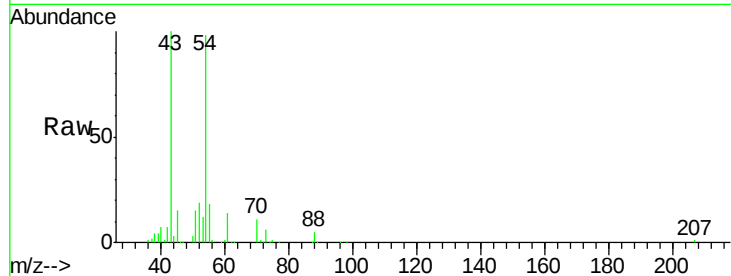




#37
Ethyl Acetate
Concen: 52.095 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

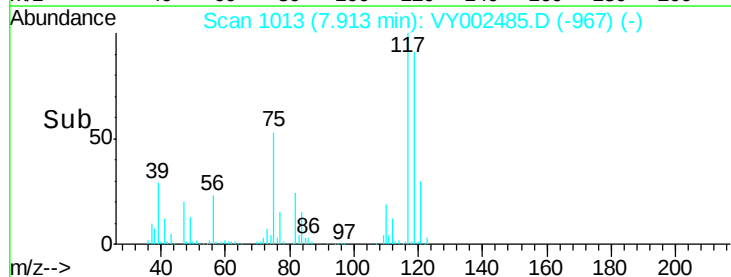
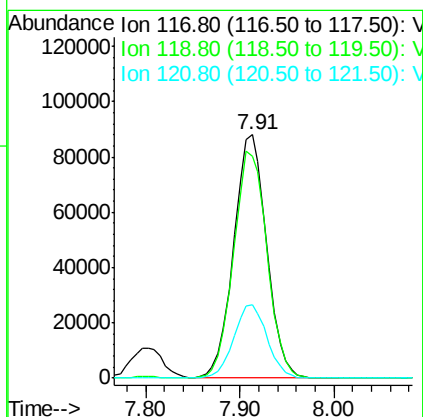
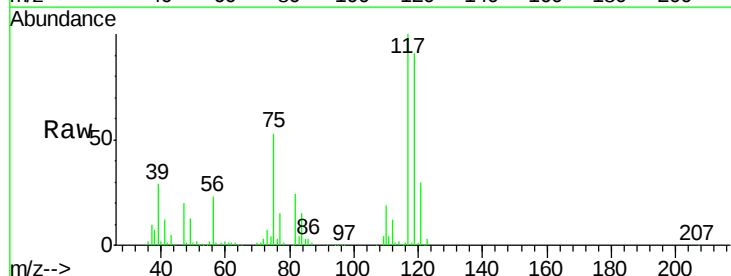
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

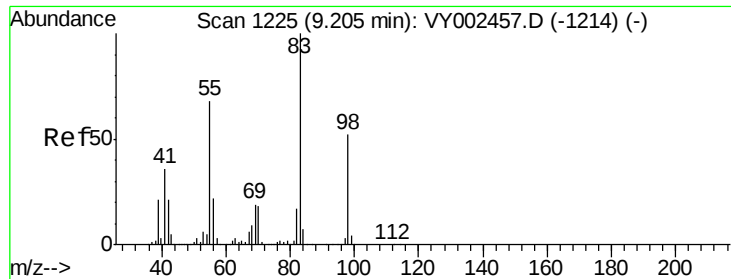
Tot Ion: 43 Resp: 88919
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 11.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 54.951 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 117 Resp: 214696
Ion Ratio Lower Upper
117 100
119 91.0 75.9 113.9
121 30.4 24.5 36.7

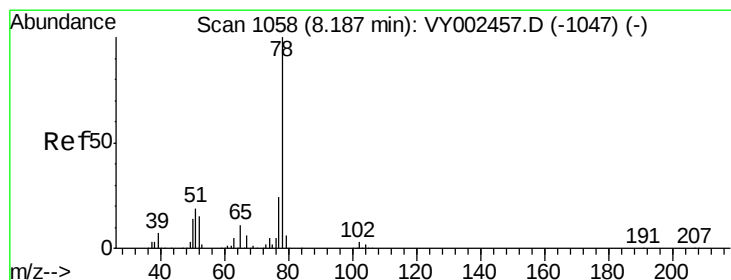
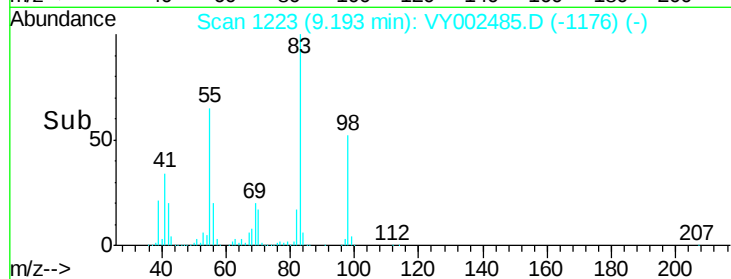
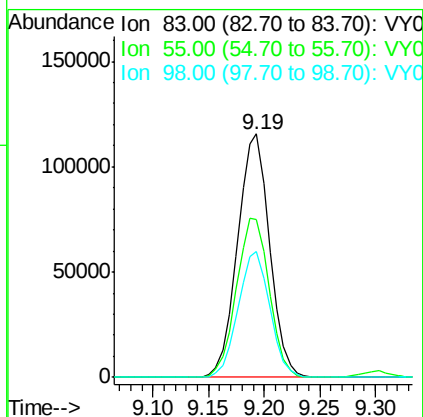
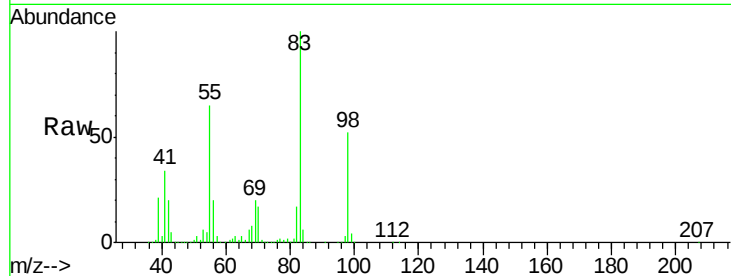




#39
Methvlcvclohexane
Concen: 51.994 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

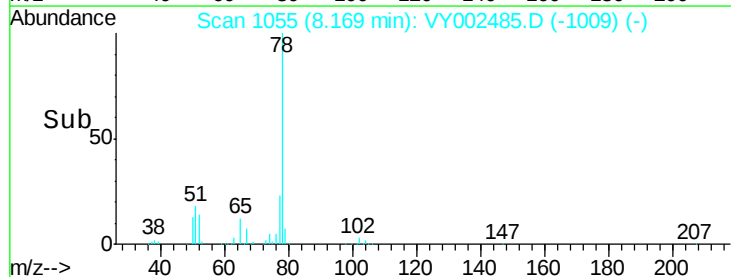
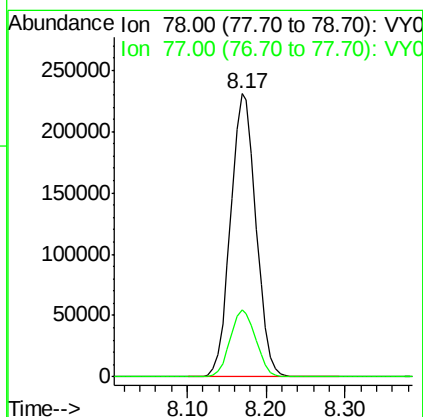
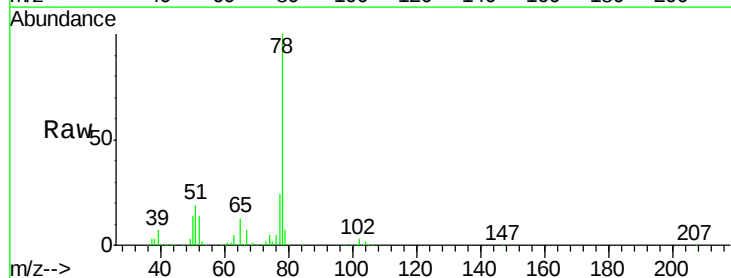
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

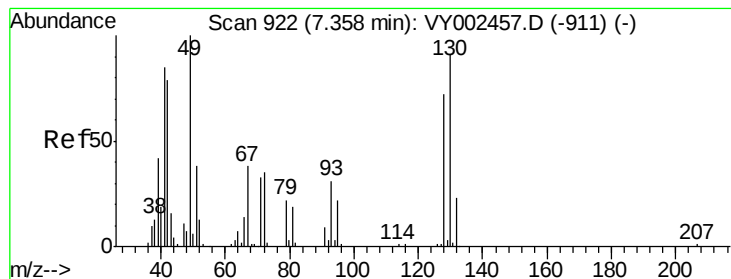
Tot Ion: 83 Resp: 230441
Ion Ratio Lower Upper
83 100
55 64.7 54.2 81.2
98 51.9 41.9 62.9



#40
Benzene
Concen: 52.474 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 78 Resp: 515293
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41

Methacrylonitrile

Concen: 45.164 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.02 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 47494

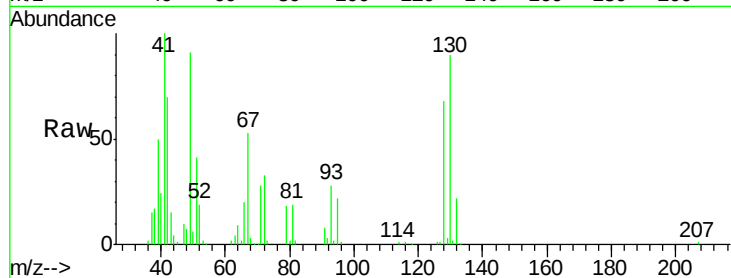
Ion Ratio Lower Upper

41 100

39 121.3 85.7 128.5

67 0.0 0.0 0.0

52 0.0 0.0 0.0

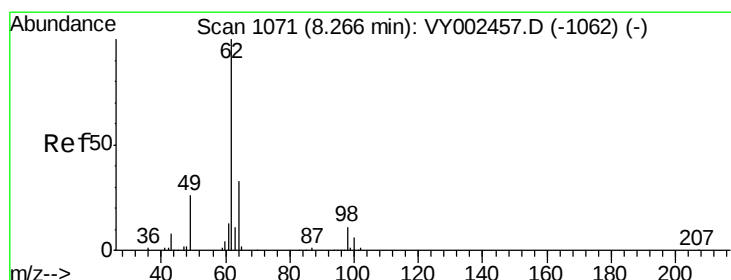
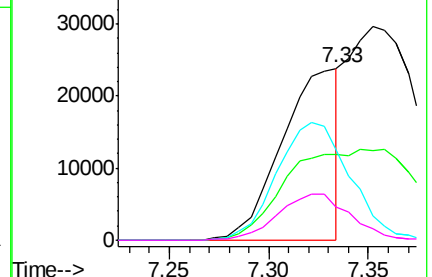
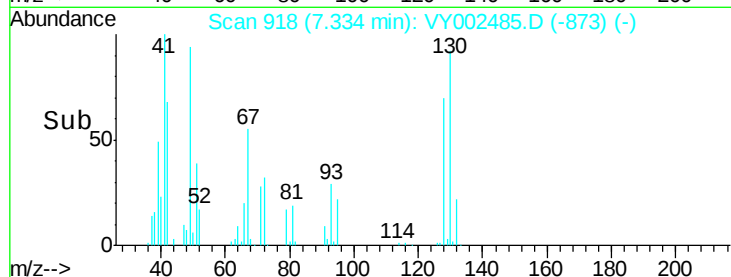


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 52.602 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.02 min

Lab File: VY002485.D

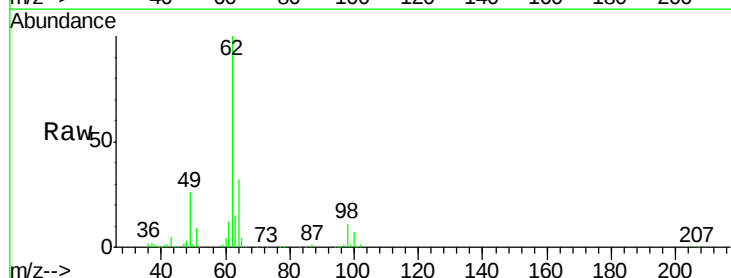
Acq: 28 Apr 2020 10:57

Tgt Ion: 62 Resp: 150055

Ion Ratio Lower Upper

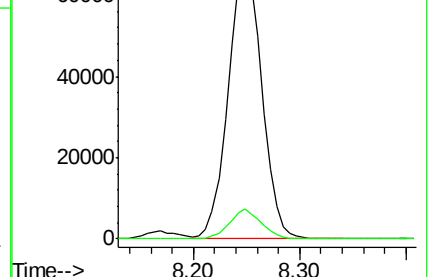
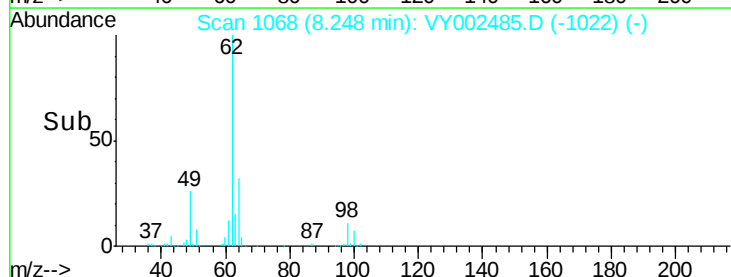
62 100

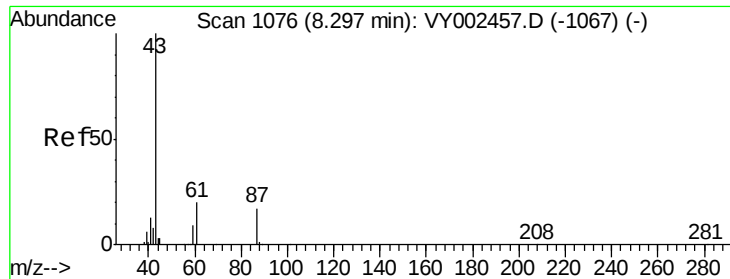
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.172 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

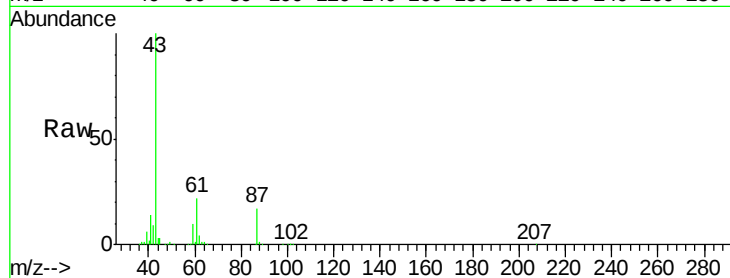
Tot Ion: 43 Resp: 166557

Ion Ratio Lower Upper

43 100

61 31.3 25.0 37.4

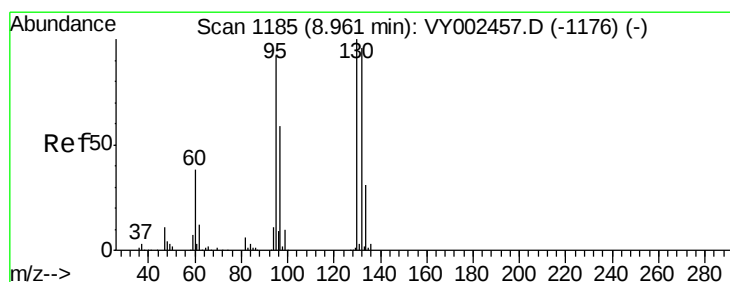
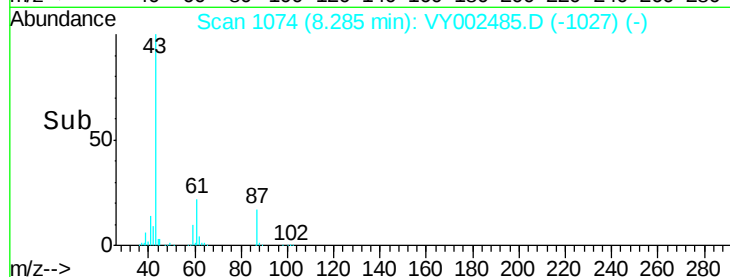
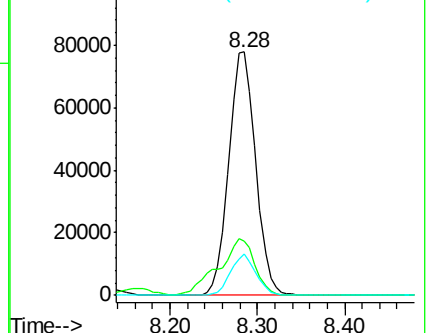
87 15.9 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY002485.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002485.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002485.D (-1067) (-)



#44

Trichloroethene

Concen: 53.191 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002485.D

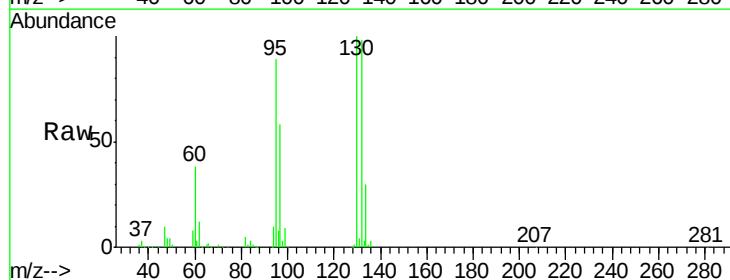
Acq: 28 Apr 2020 10:57

Tgt Ion:130 Resp: 163326

Ion Ratio Lower Upper

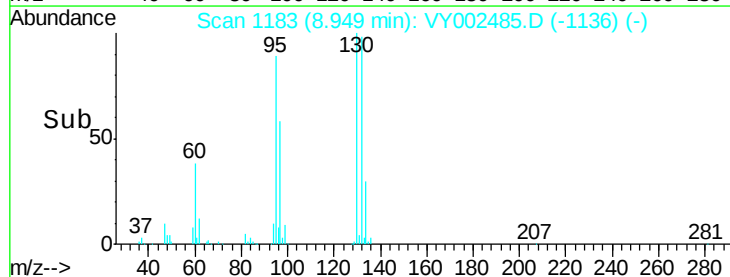
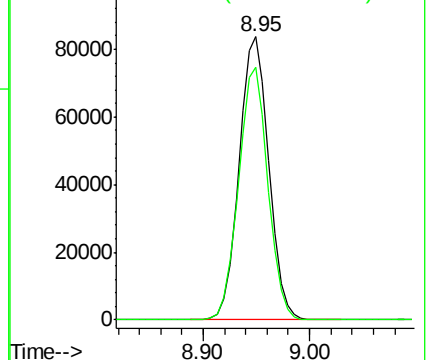
130 100

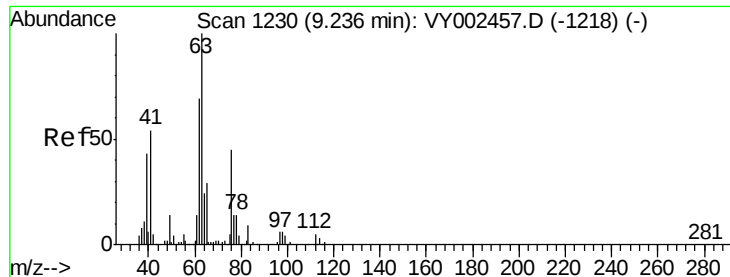
95 89.3 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002485.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY002485.D (-1136) (-)





#45

1,2-Dichloropropane

Concen: 51.119 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

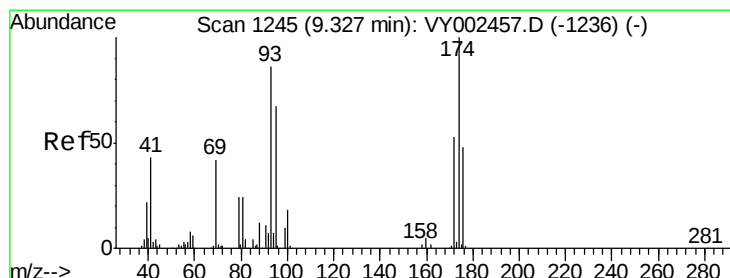
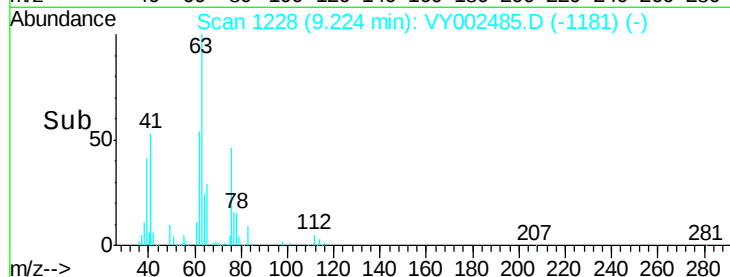
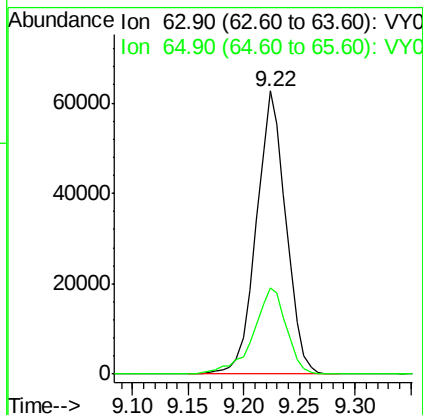
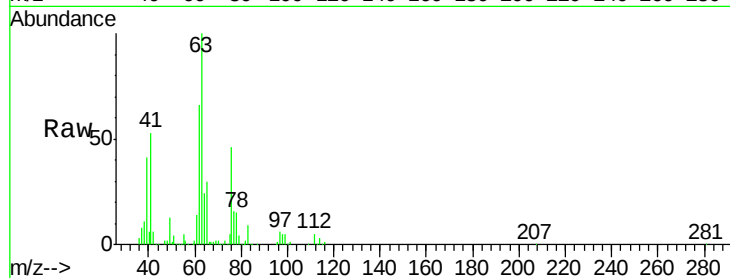
VSTDCCC050

Tot Ion: 63 Resp: 115695

Ion Ratio Lower Upper

63 100

65 30.3 23.4 35.0



#46

Dibromomethane

Concen: 52.803 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

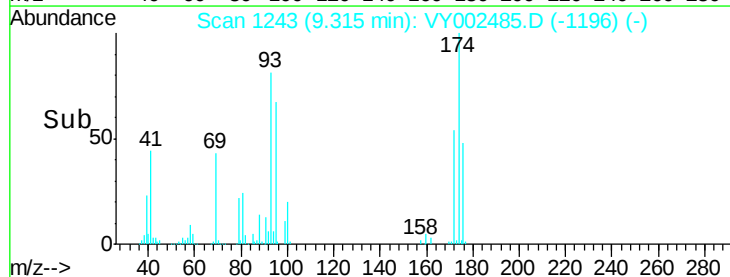
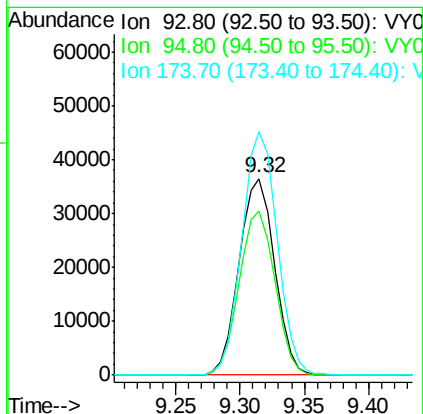
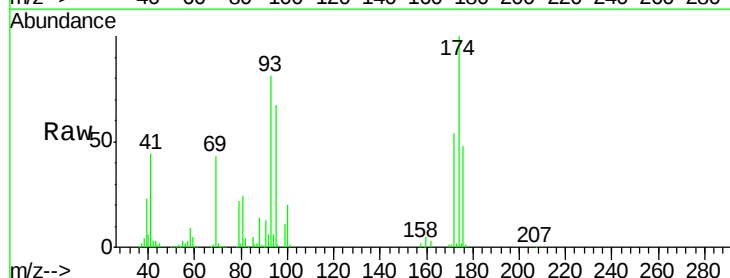
Tgt Ion: 93 Resp: 69919

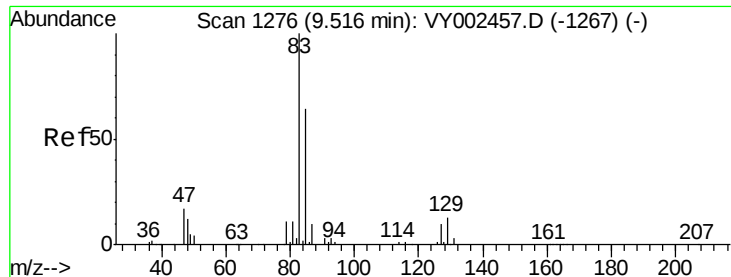
Ion Ratio Lower Upper

93 100

95 83.7 65.4 98.0

174 123.0 94.8 142.2

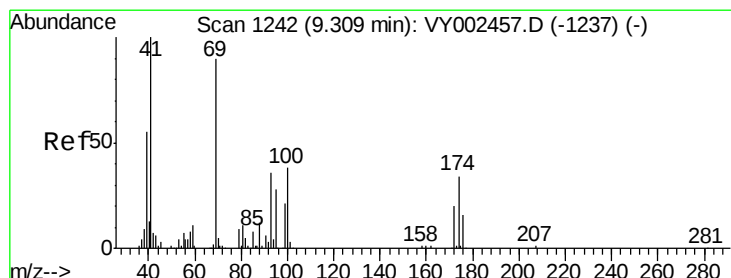
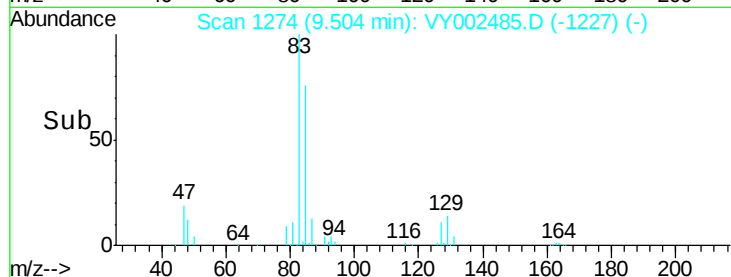
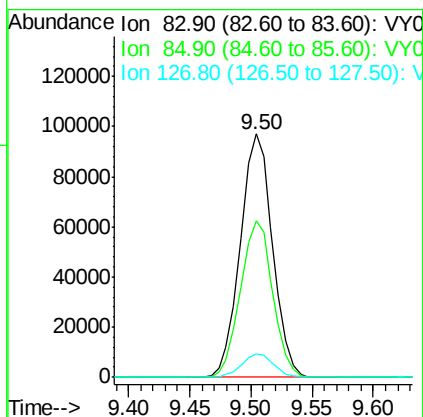
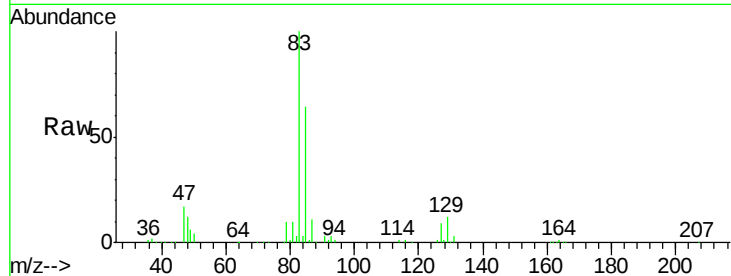




#47
Bromodichloromethane
Concen: 53.477 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

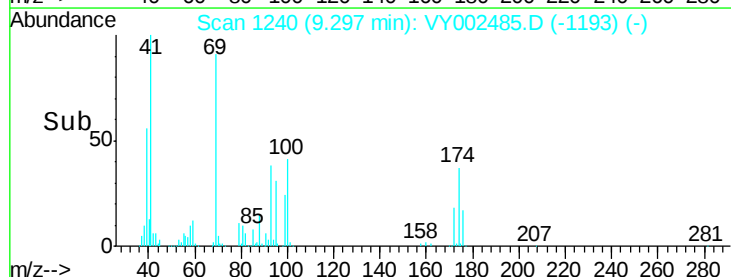
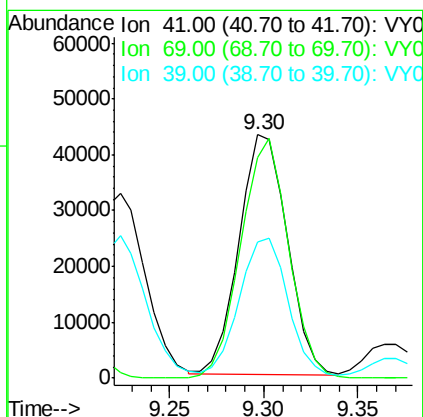
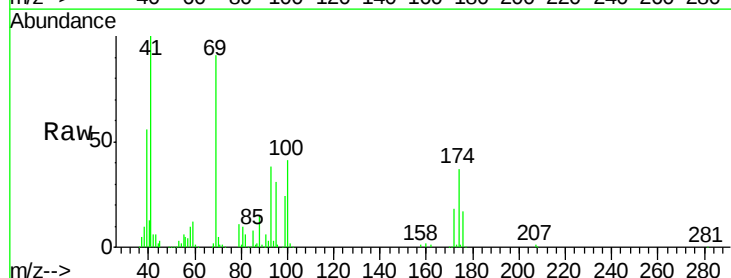
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

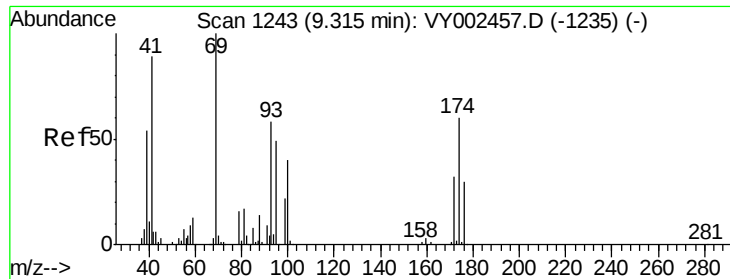
Tot Ion: 83 Resp: 177082
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8
127 9.5 7.7 11.5



#48
Methyl methacrylate
Concen: 52.536 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 41 Resp: 76565
Ion Ratio Lower Upper
41 100
69 98.8 77.9 116.9
39 59.5 47.9 71.9





#49

1,4-Dioxane

Concen: 1176.587 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

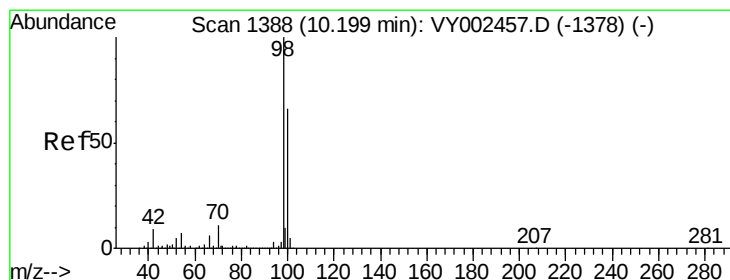
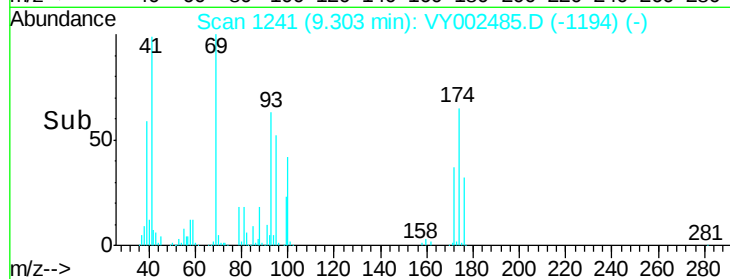
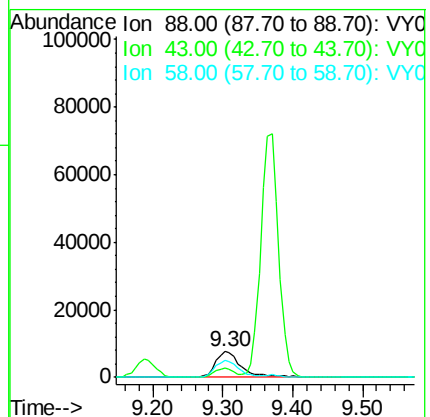
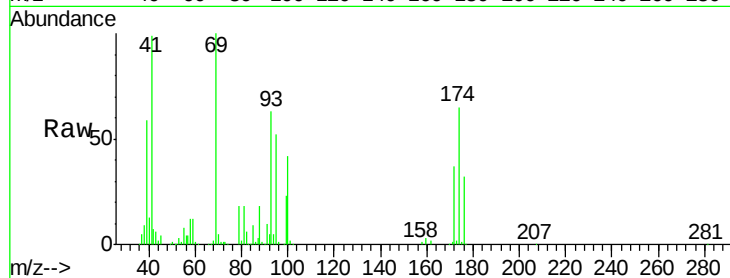
Tot Ion: 88 Resp: 19855

Ion Ratio Lower Upper

88 100

43 26.9 22.9 34.3

58 59.6 49.5 74.3



#50

Toluene-d8

Concen: 49.059 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002485.D

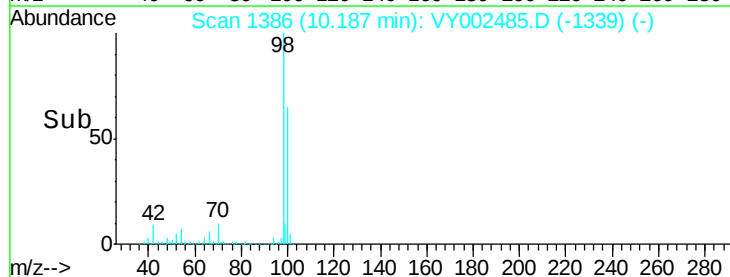
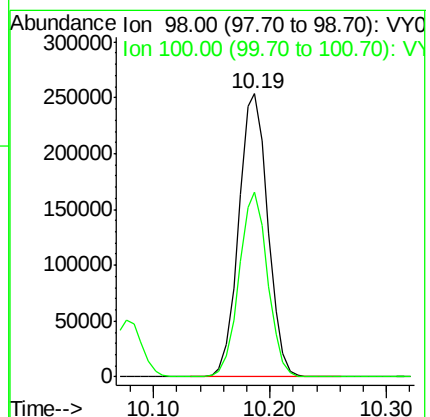
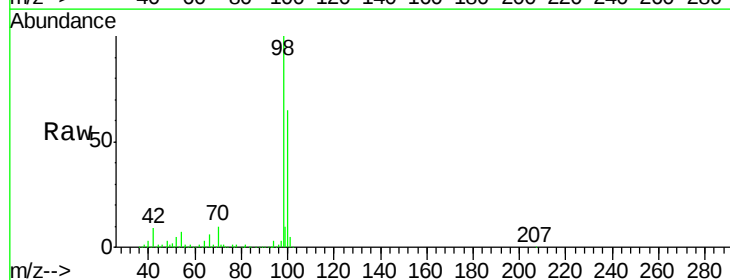
Acq: 28 Apr 2020 10:57

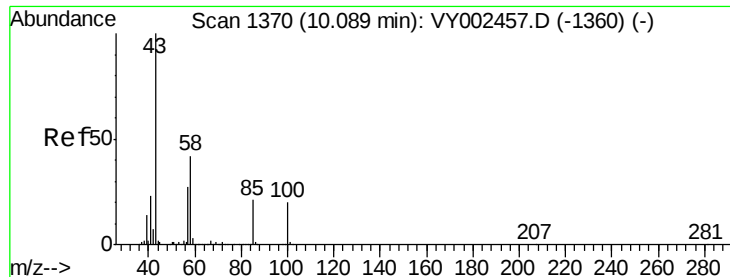
Tgt Ion: 98 Resp: 440693

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7

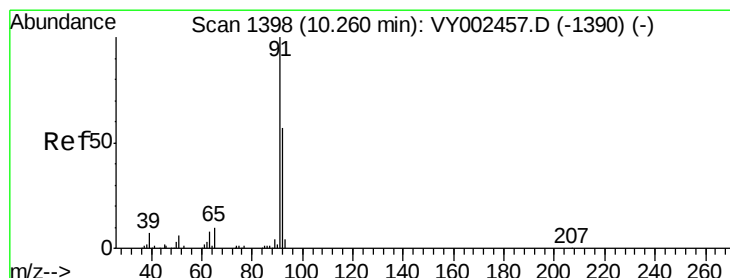
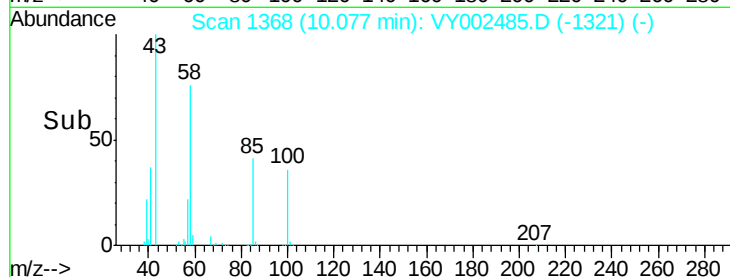
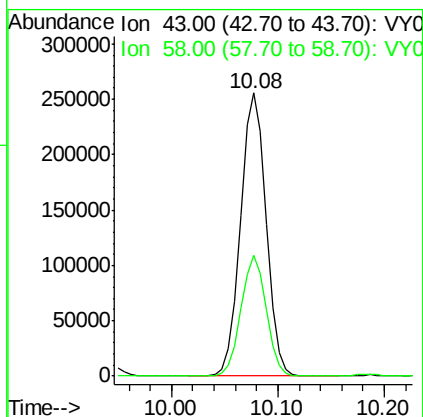
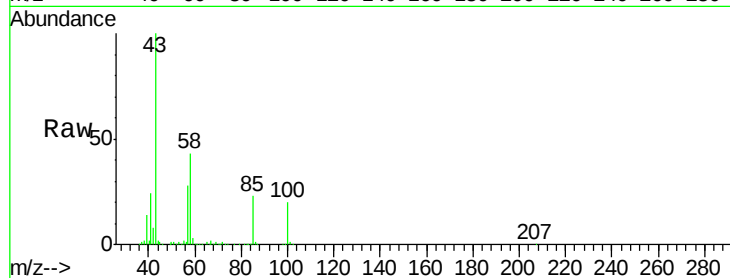




#51
 4-Methyl-2-Pentanone
 Concen: 260.624 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

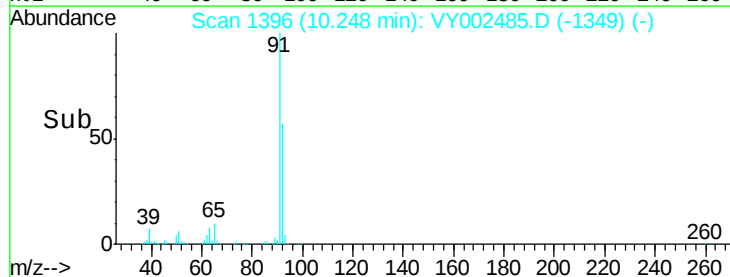
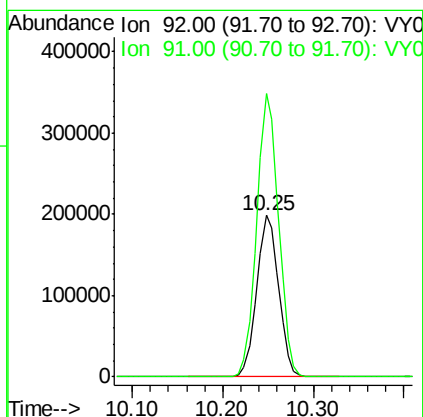
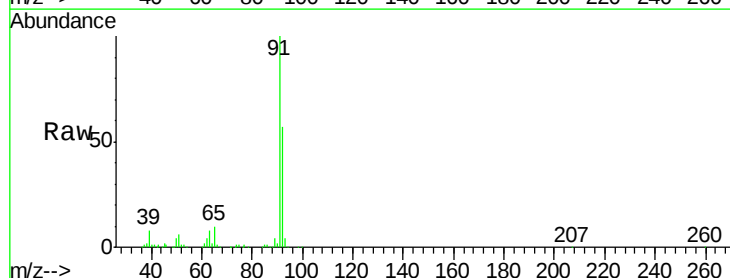
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

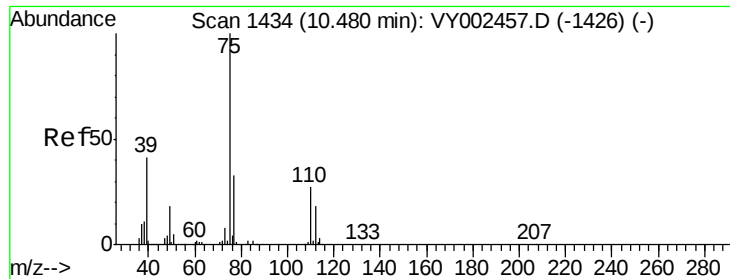
Tot Ion: 43 Resp: 432164
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.2 49.8



#52
 Toluene
 Concen: 52.514 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 92 Resp: 331957
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 54.464 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

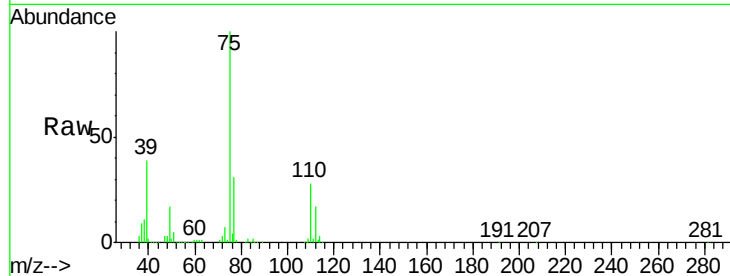
VSTDCCC050

Tot Ion: 75 Resp: 189402

Ion Ratio Lower Upper

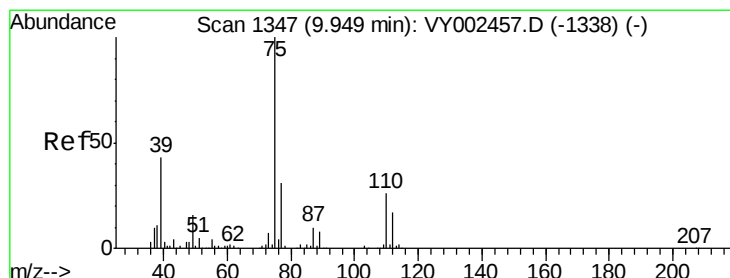
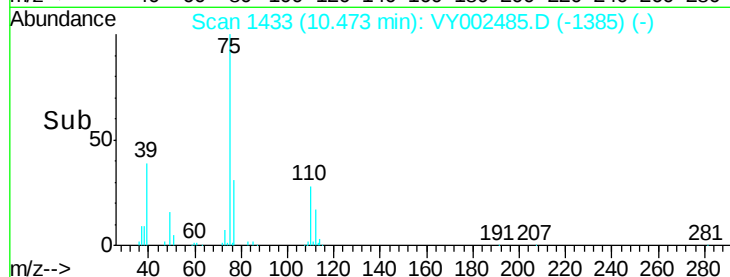
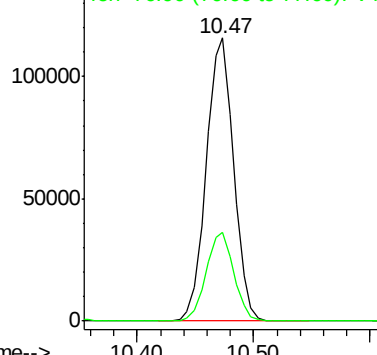
75 100

77 31.3 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 53.734 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

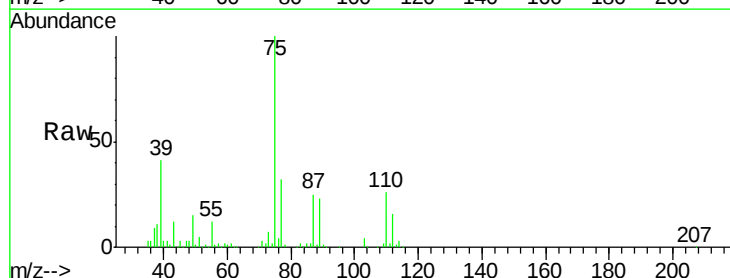
Tgt Ion: 75 Resp: 213875

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

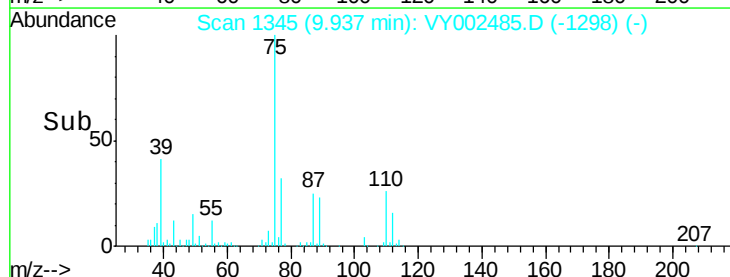
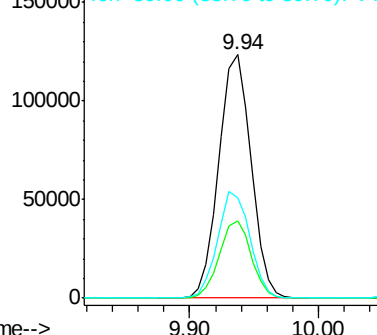
39 41.4 34.2 51.2

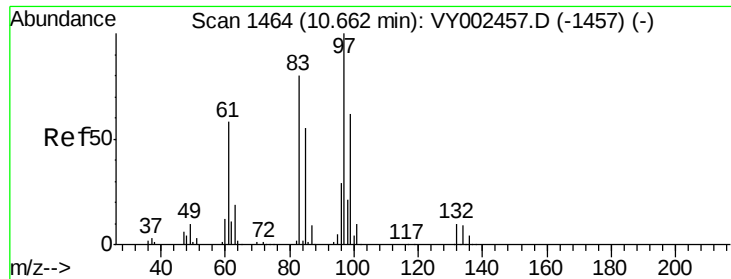


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

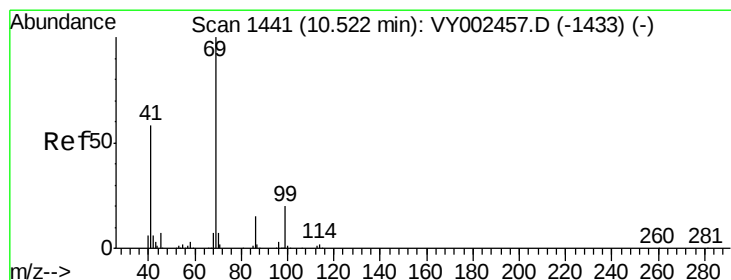
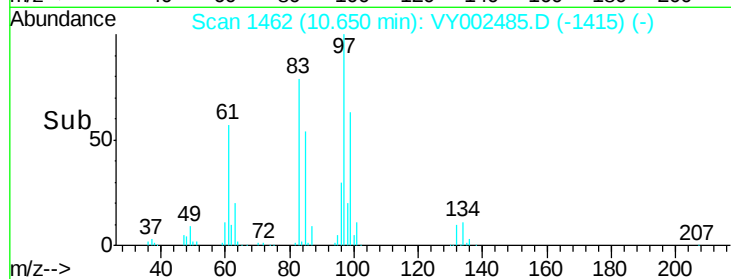
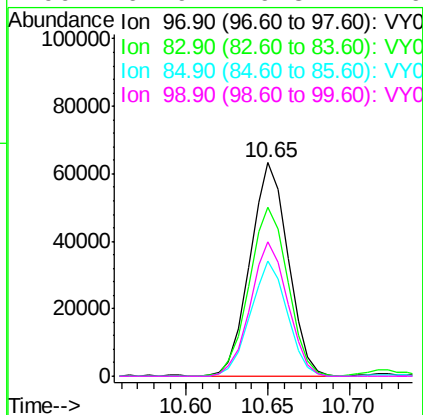
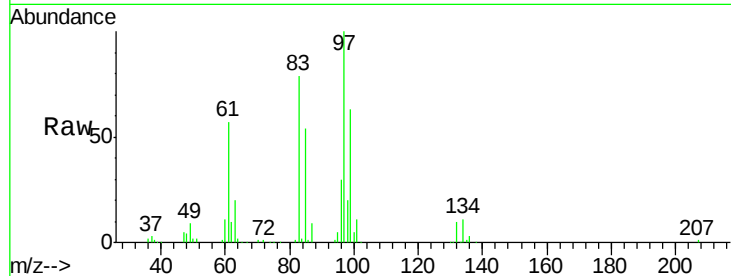




#55
 1,1,2-Trichloroethane
 Concen: 52.347 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

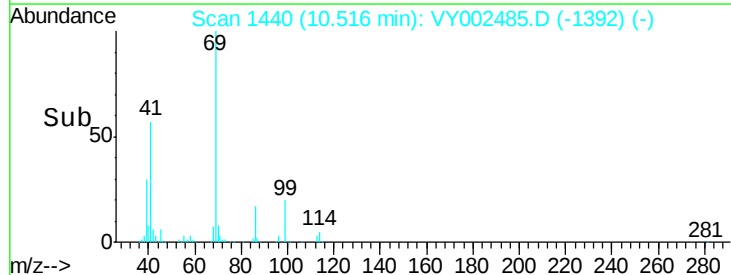
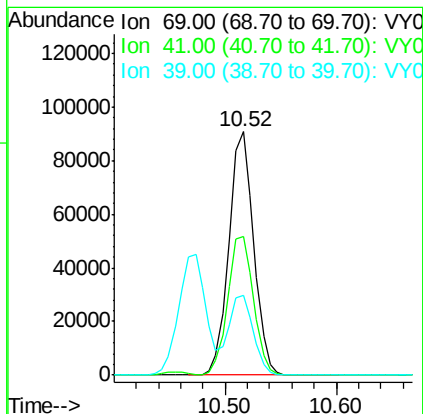
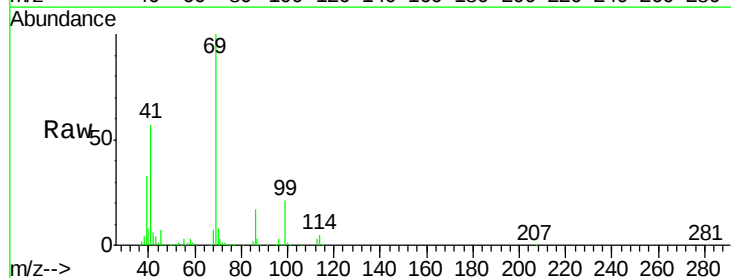
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

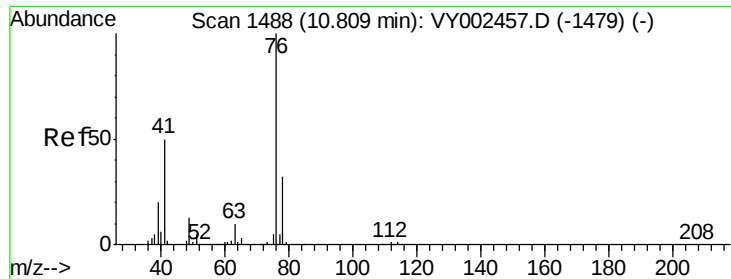
Tot Ion:	97	Resp:	102486
Ion	Ratio	Lower	Upper
97	100		
83	79.3	63.8	95.8
85	54.0	43.9	65.9
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.257 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion:	69	Resp:	139795
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	33.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 52.120 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

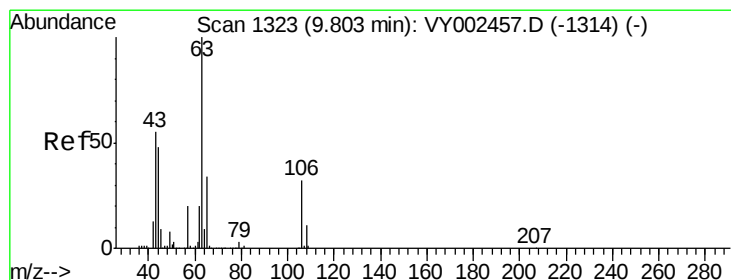
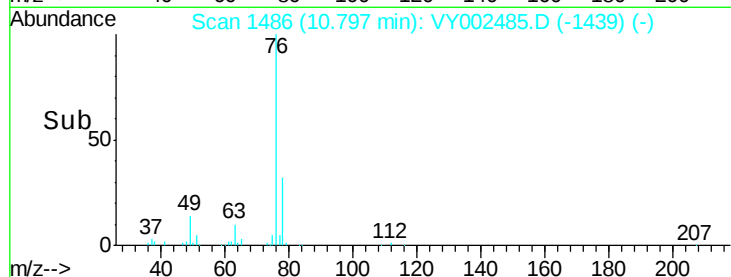
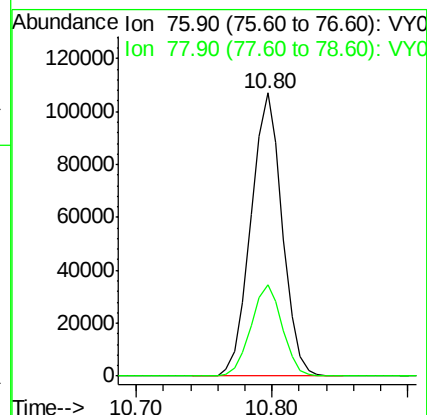
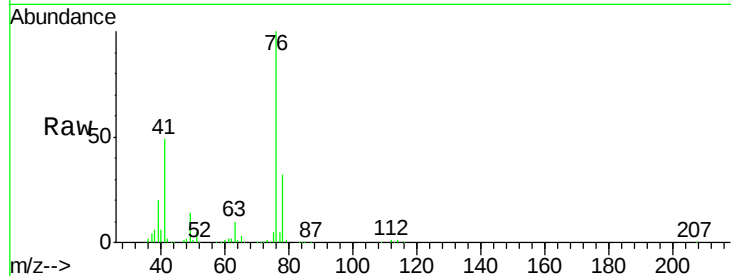
VSTDCCC050

Tot Ion: 76 Resp: 172276

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.332 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002485.D

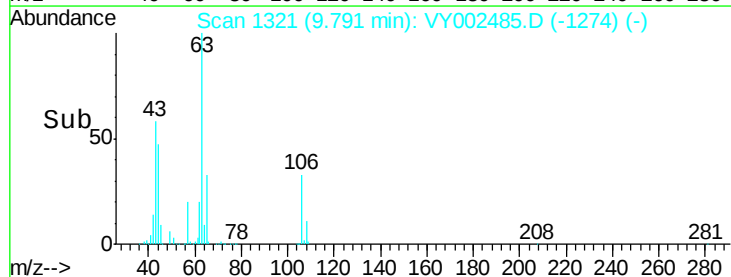
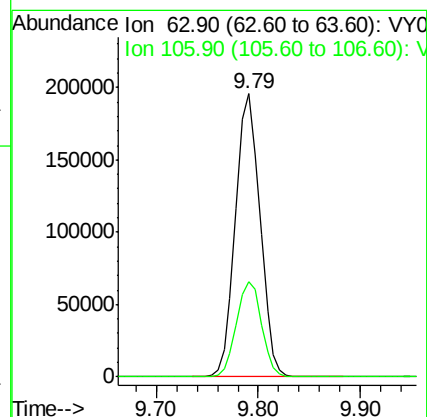
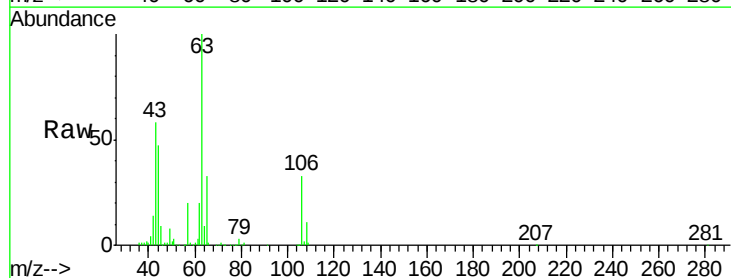
Acq: 28 Apr 2020 10:57

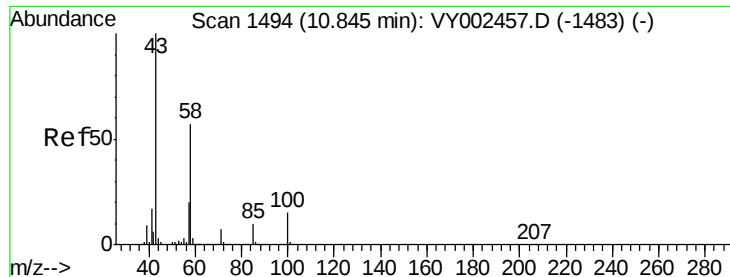
Tgt Ion: 63 Resp: 325135

Ion Ratio Lower Upper

63 100

106 34.1 26.0 39.0

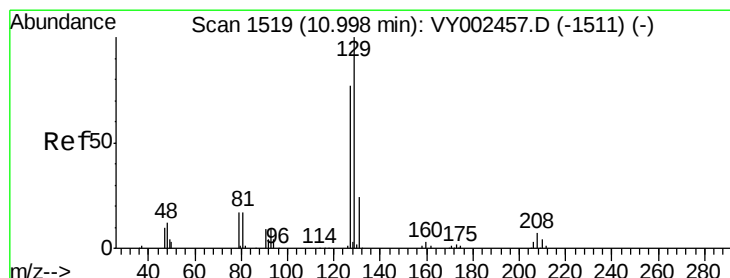
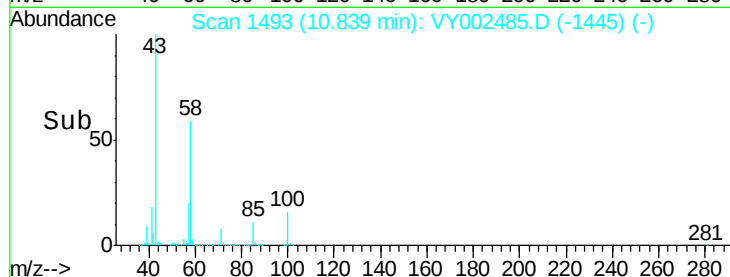
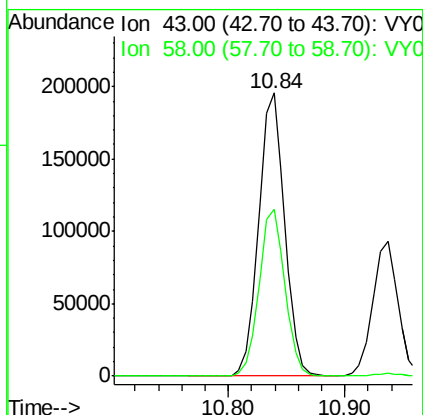
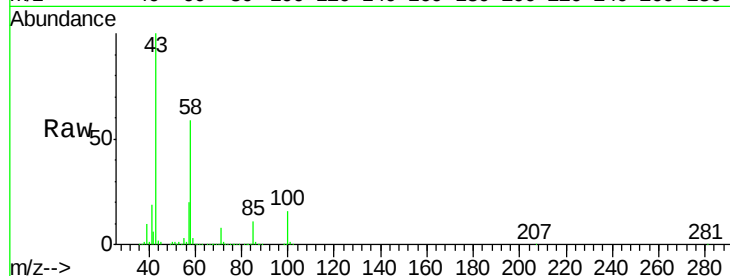




#59
2-Hexanone
Concen: 260.991 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

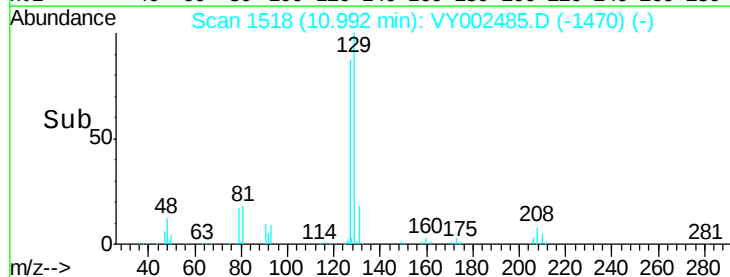
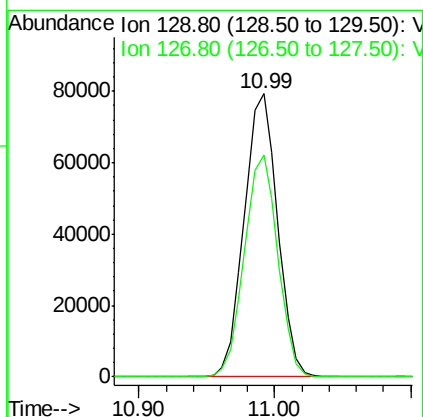
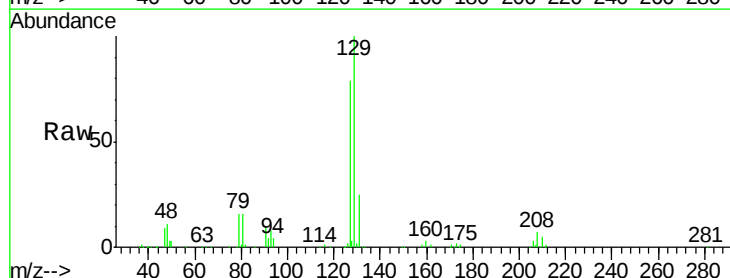
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

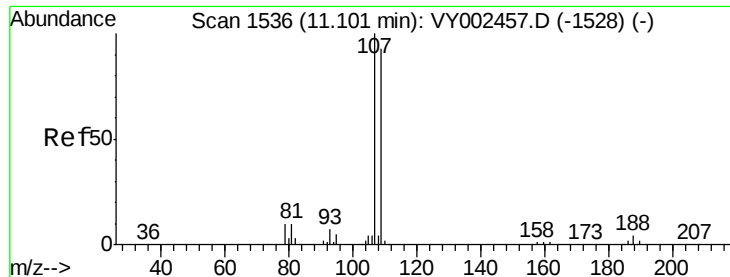
Tot Ion: 43 Resp: 301658
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 53.325 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 129 Resp: 136799
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9

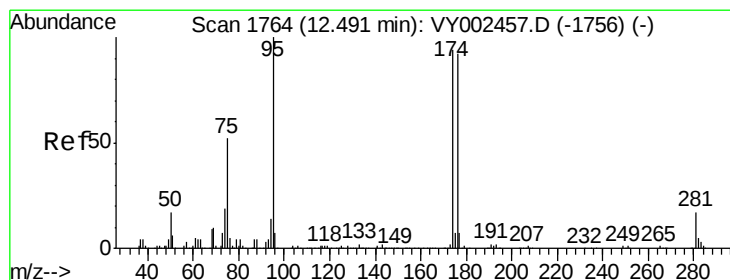
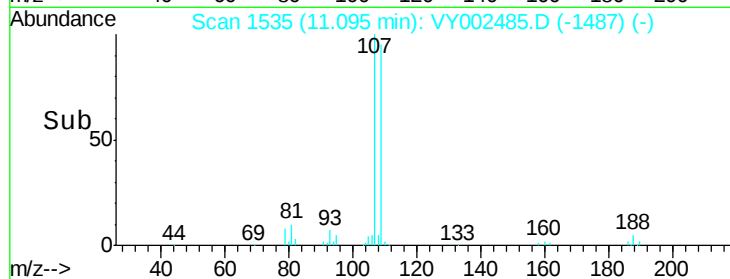
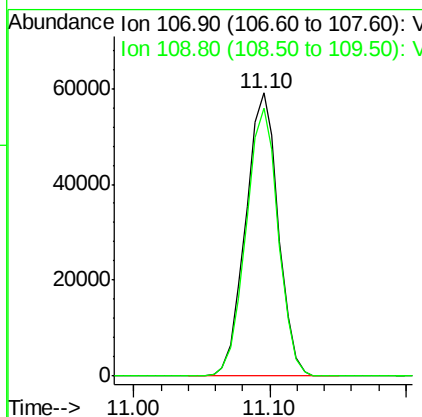
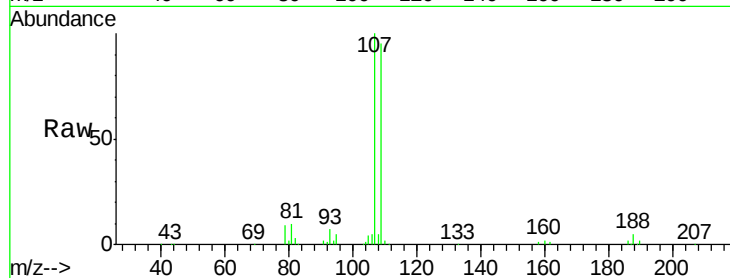




#61
 1,2-Dibromoethane
 Concen: 51.012 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

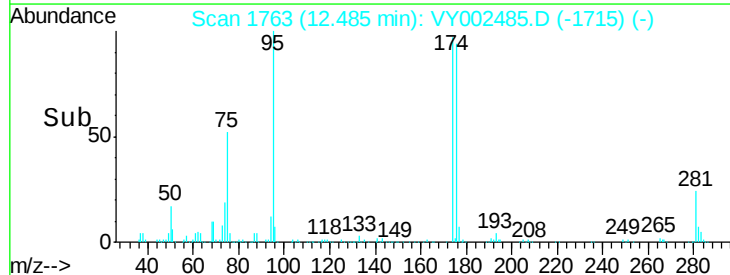
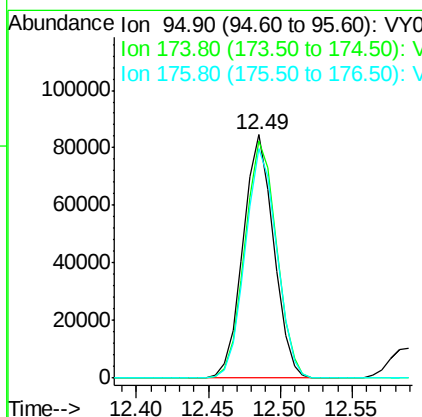
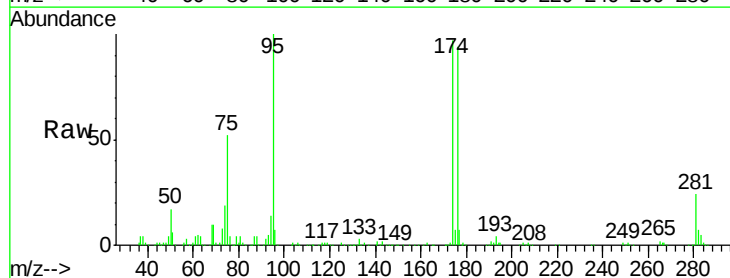
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

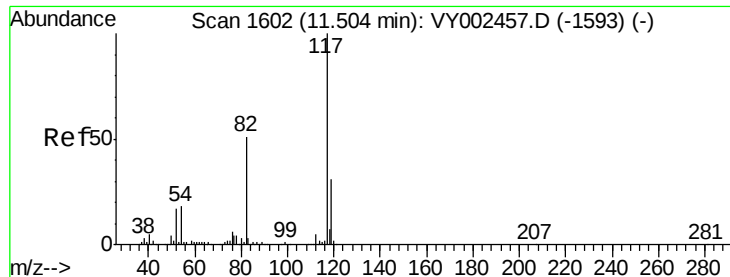
Tot Ion:107 Resp: 99035
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 41.406 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 95 Resp: 124805
 Ion Ratio Lower Upper
 95 100
 174 100.4 0.0 193.0
 176 96.5 0.0 190.4

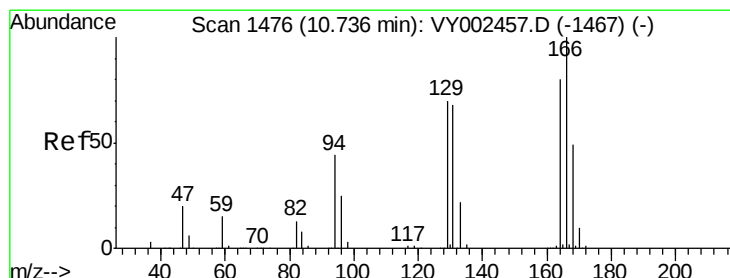
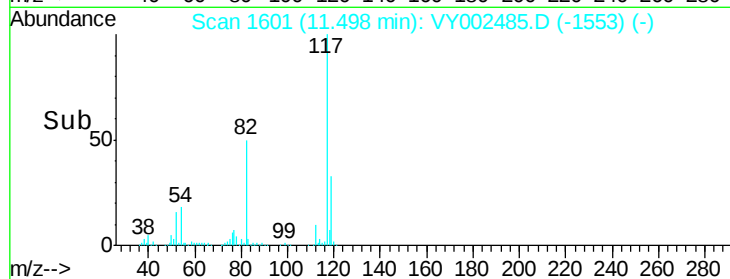
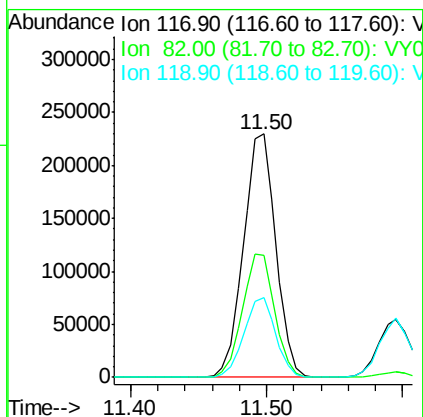
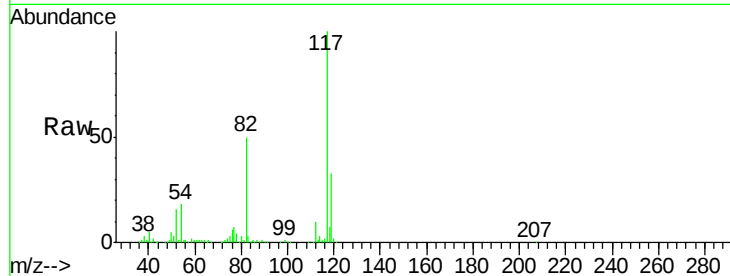




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

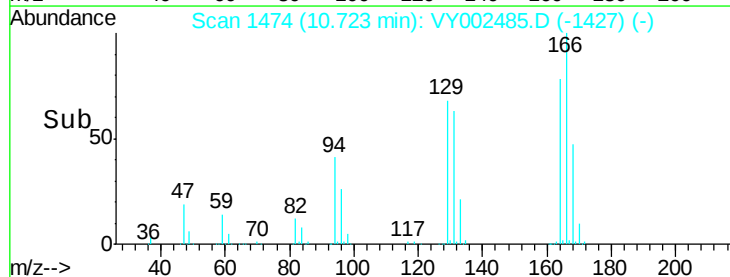
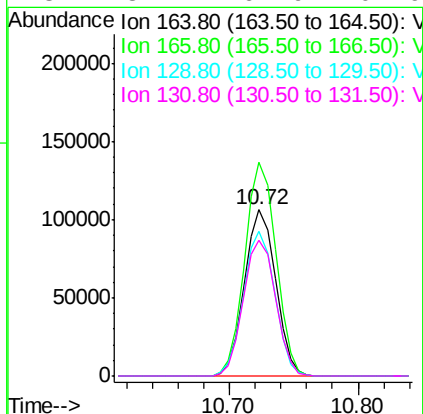
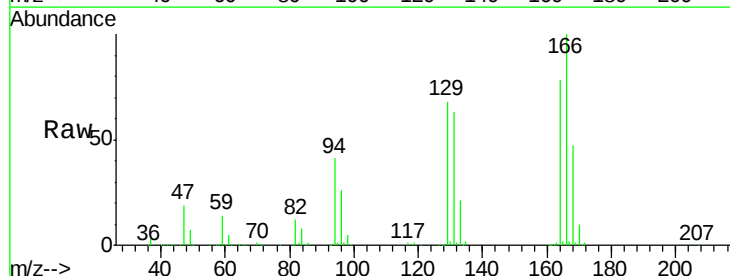
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

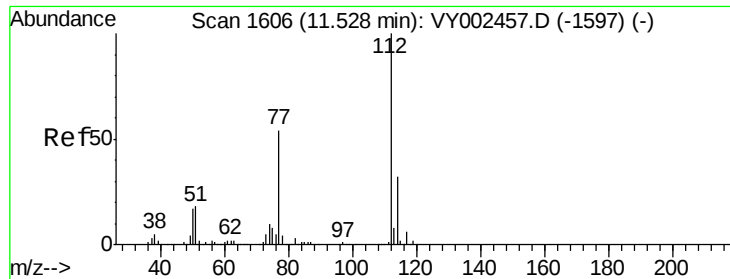
Tot Ion:117 Resp: 380895
Ion Ratio Lower Upper
117 100
82 49.9 40.8 61.2
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 51.103 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion:164 Resp: 178396
Ion Ratio Lower Upper
164 100
166 128.6 100.0 150.0
129 87.0 69.8 104.8
131 81.7 67.9 101.9

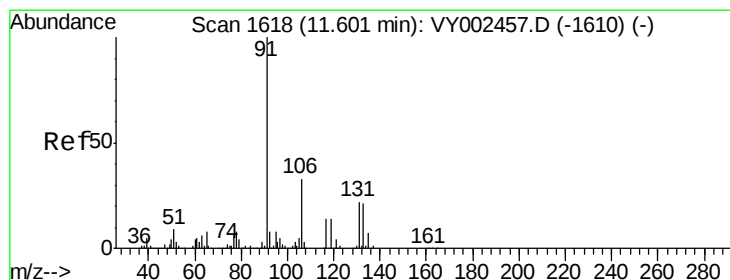
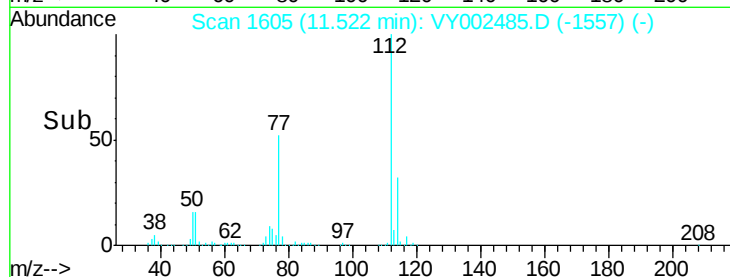
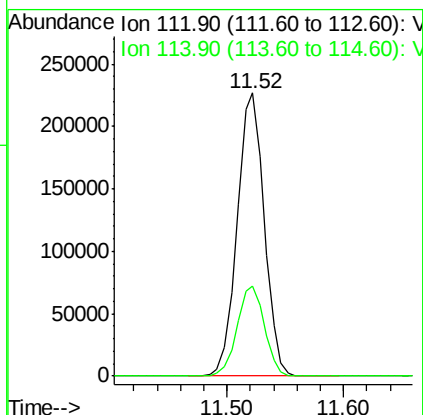
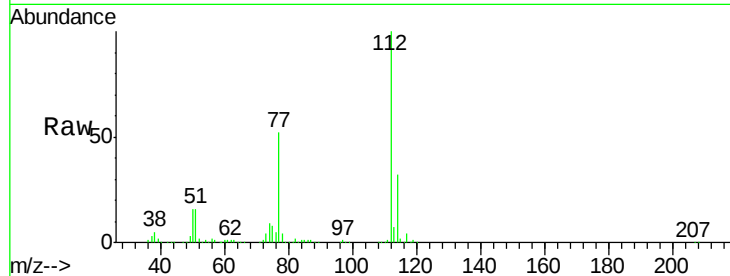




#65
Chlorobenzene
Concen: 49.853 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

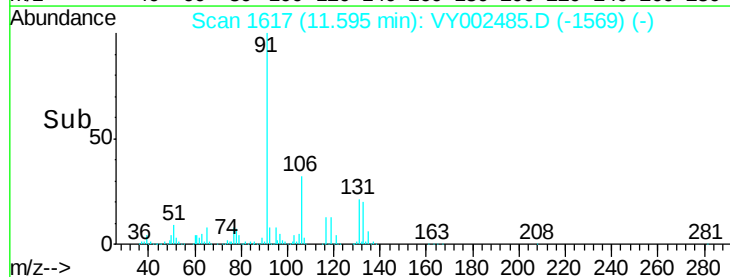
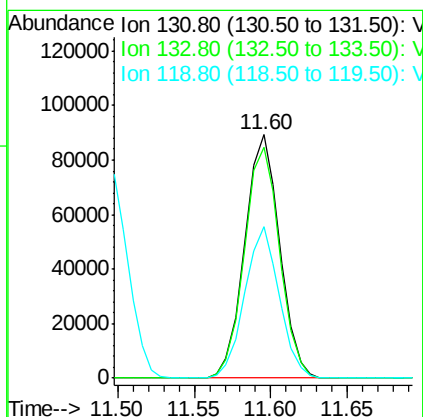
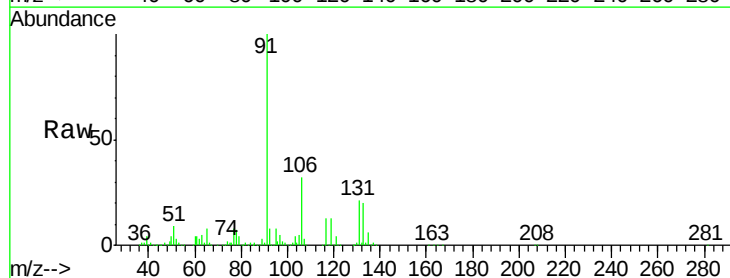
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

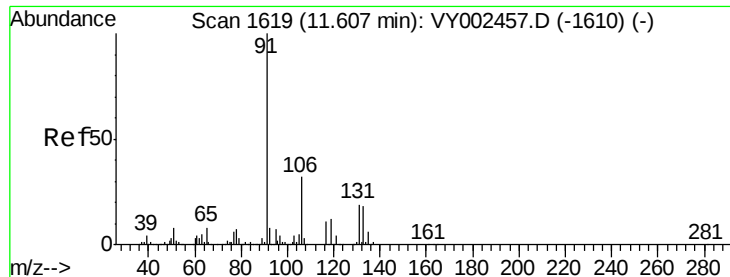
Tot Ion:112 Resp: 366076
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.608 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion:131 Resp: 142194
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 61.2 31.1 93.3

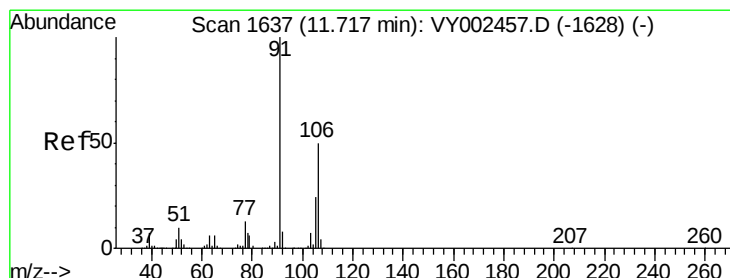
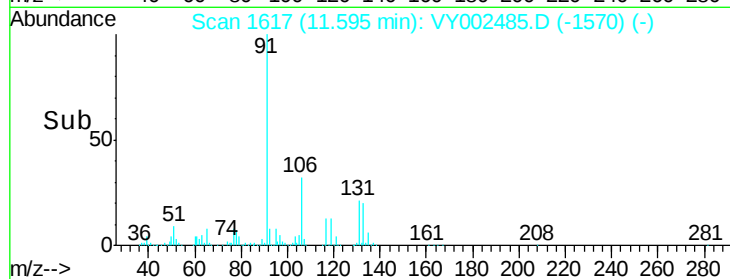
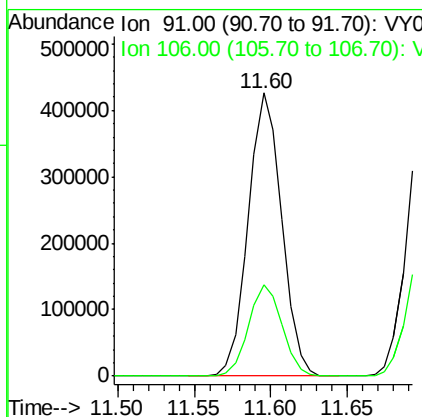
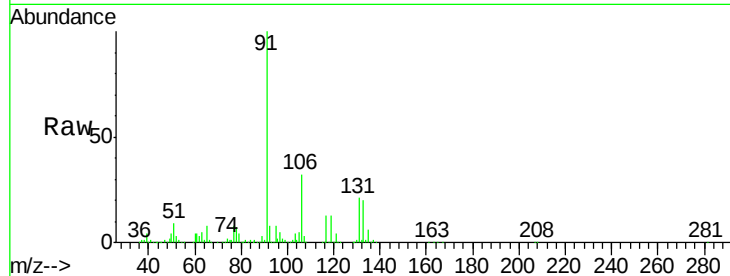




#67
Ethyl Benzene
Concen: 49.619 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

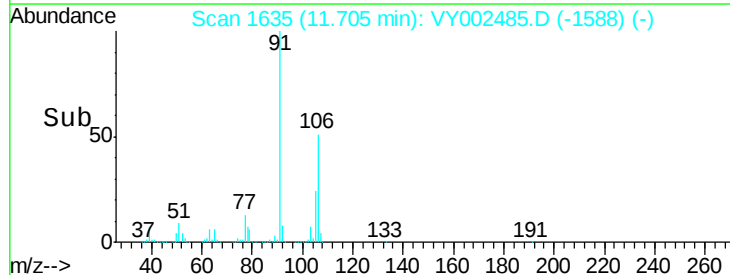
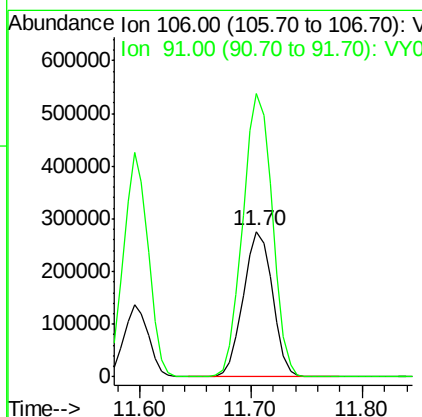
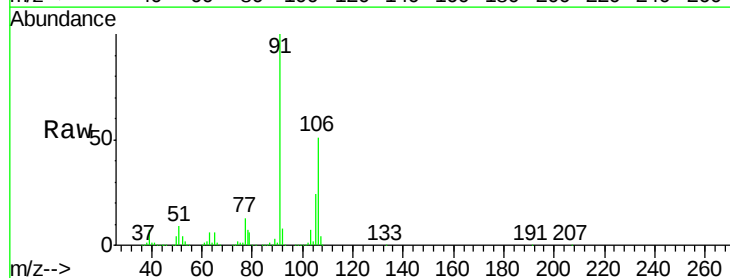
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

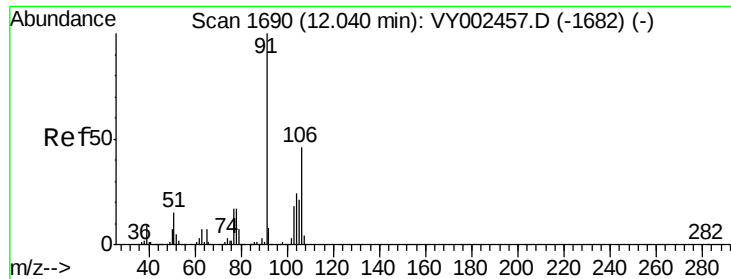
Tot Ion: 91 Resp: 649373
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.6



#68
m/p-Xylenes
Concen: 99.953 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 106 Resp: 503566
Ion Ratio Lower Upper
106 100
91 196.6 159.8 239.6

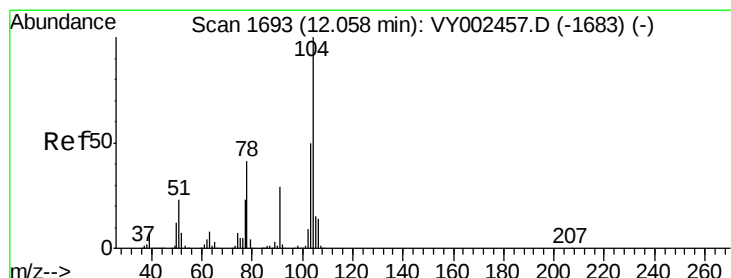
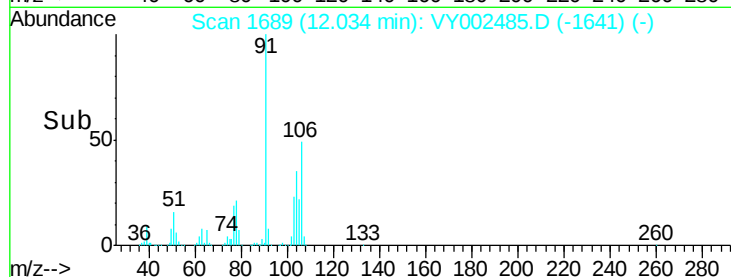
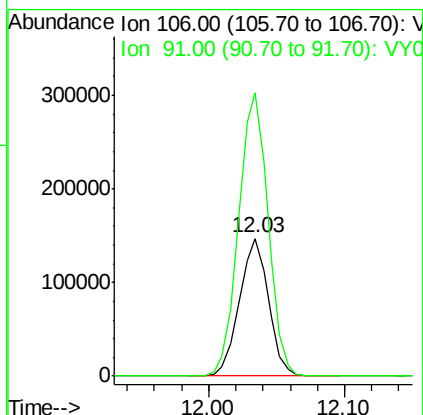
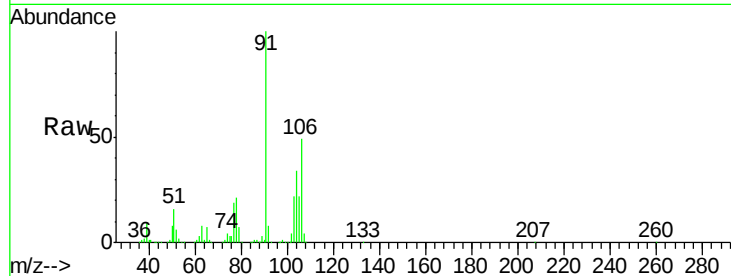




#69
o-Xylene
Concen: 46.853 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

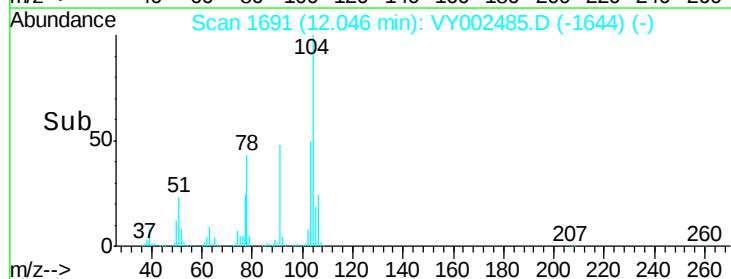
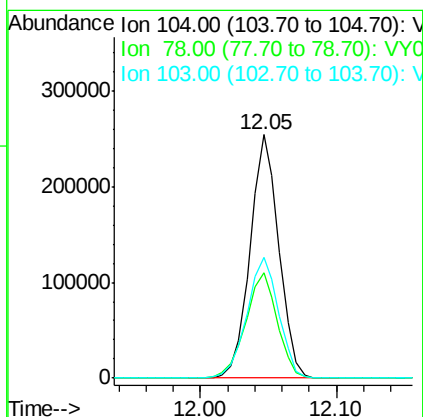
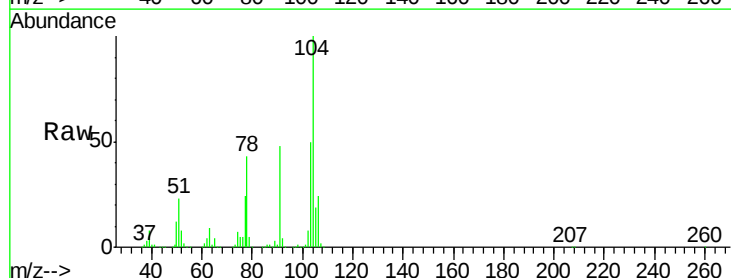
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

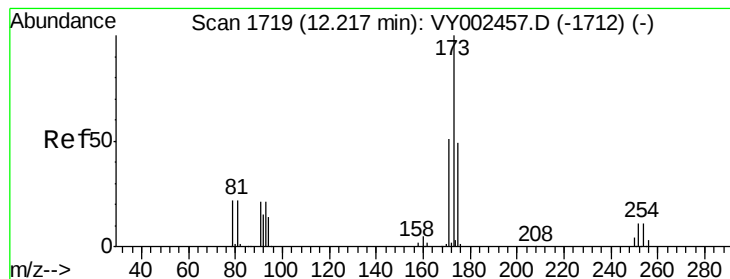
Tot Ion:106 Resp: 218589
Ion Ratio Lower Upper
106 100
91 208.6 104.5 313.3



#70
Styrene
Concen: 46.257 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion:104 Resp: 375772
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 55.1 44.4 66.6





#71

Bromoform

Concen: 48.380 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

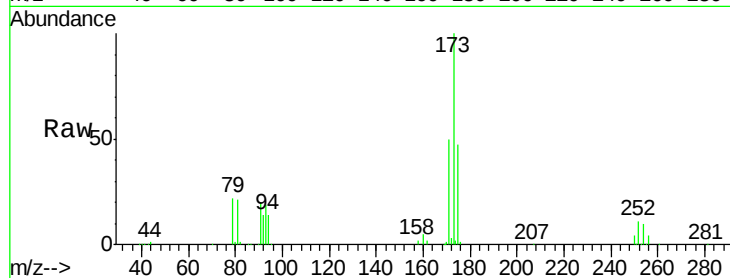
Tot Ion:173 Resp: 83973

Ion Ratio Lower Upper

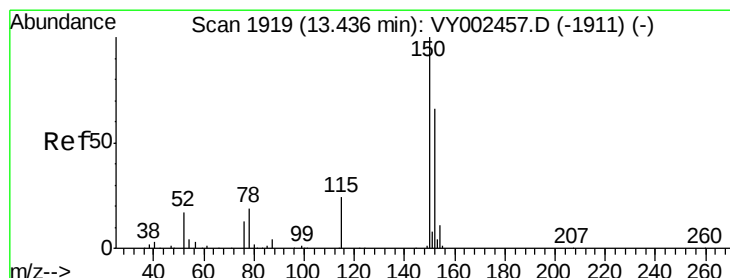
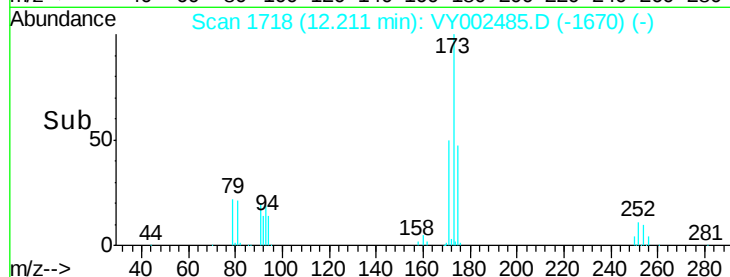
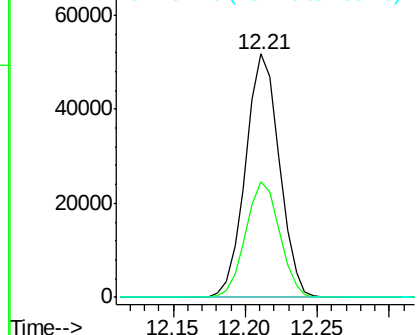
173 100

175 47.7 24.3 73.0

254 0.2 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

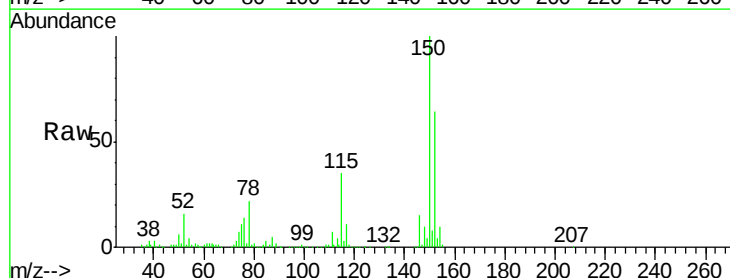
Tgt Ion:152 Resp: 196241

Ion Ratio Lower Upper

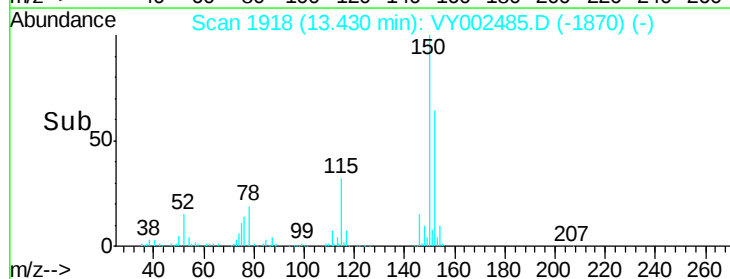
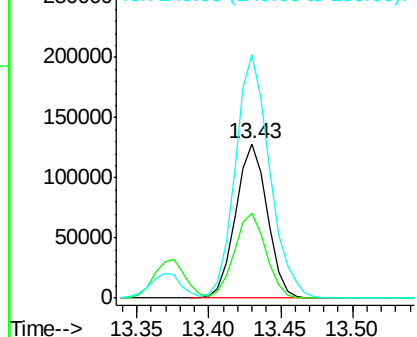
152 100

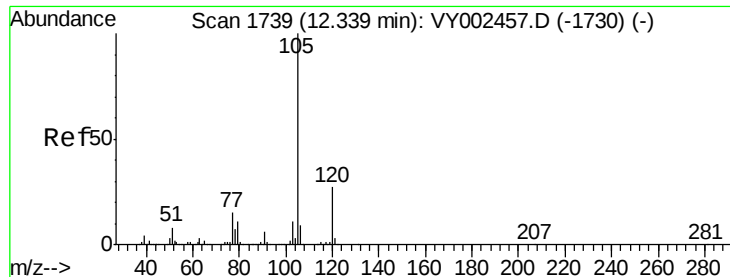
115 55.0 27.3 81.8

150 171.6 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: 42.186 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

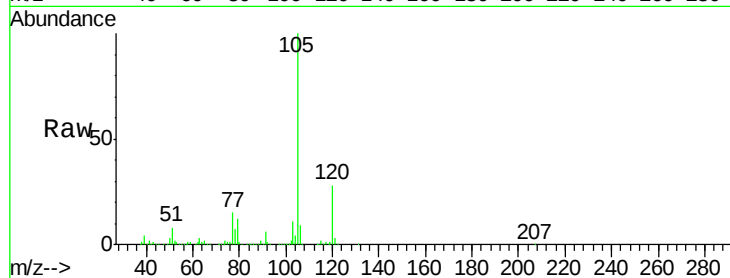
VSTDCCC050

Tot Ion:105 Resp: 553469

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

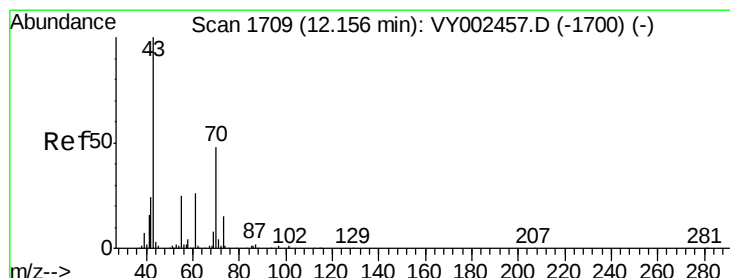
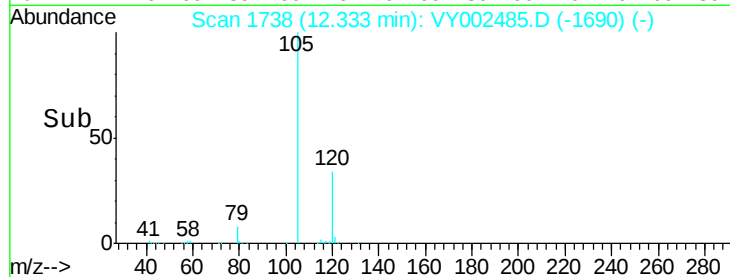
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 40.598 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Tgt Ion: 43 Resp: 126213

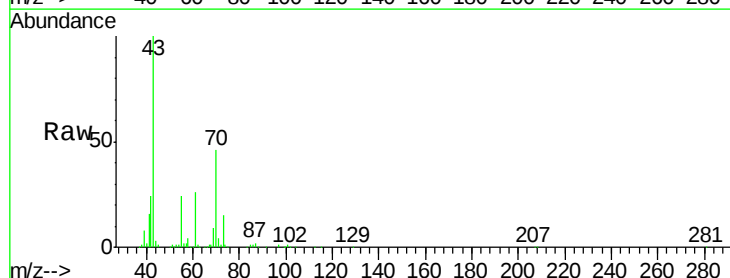
Ion Ratio Lower Upper

43 100

70 47.9 37.2 55.8

55 24.7 19.6 29.4

61 26.5 20.7 31.1



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

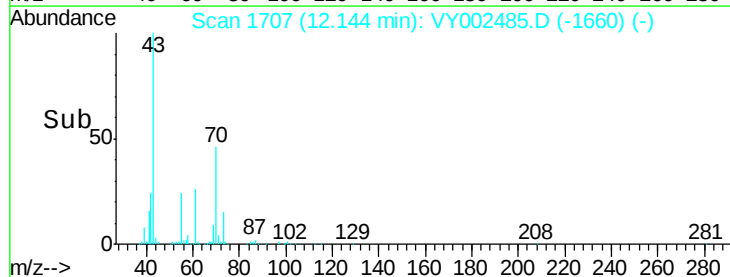
12.14

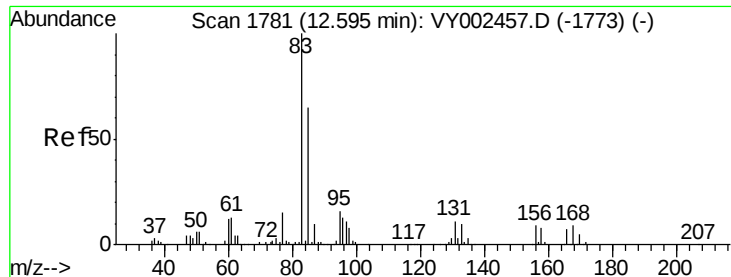
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.267 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

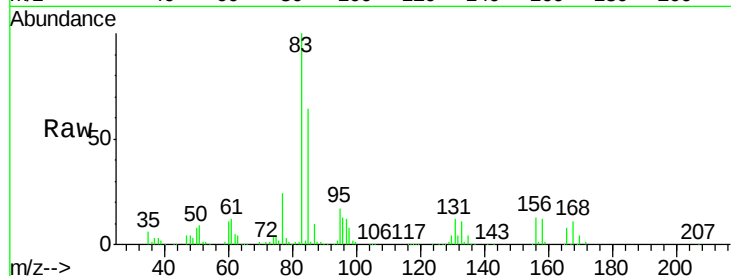
Tot Ion: 83 Resp: 95241

Ion Ratio Lower Upper

83 100

131 12.7 6.2 18.6

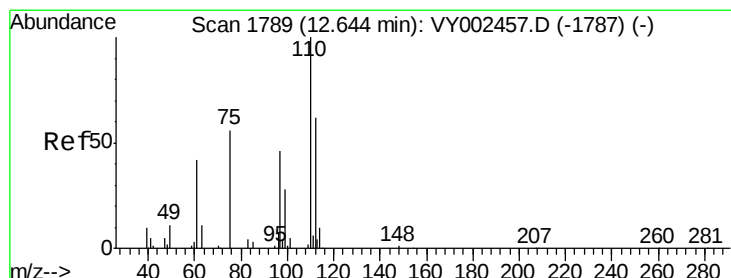
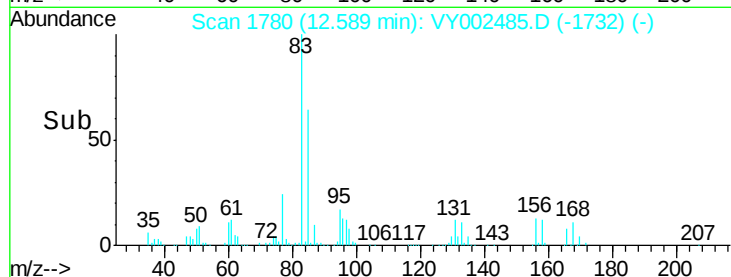
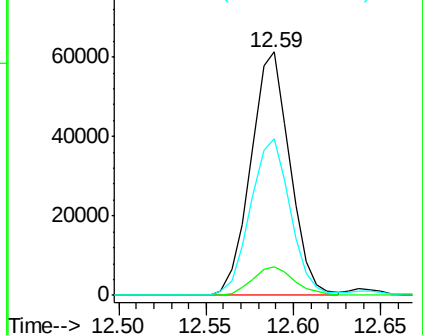
85 65.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 46.448 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002485.D

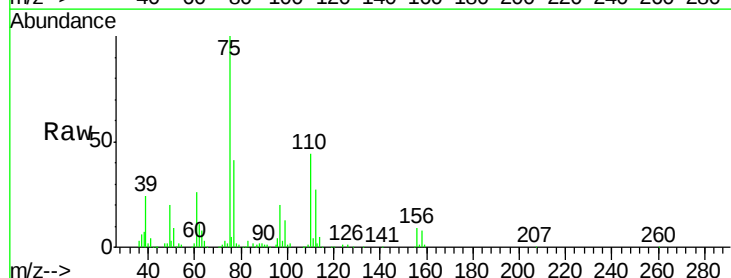
Acq: 28 Apr 2020 10:57

Tgt Ion: 75 Resp: 77254

Ion Ratio Lower Upper

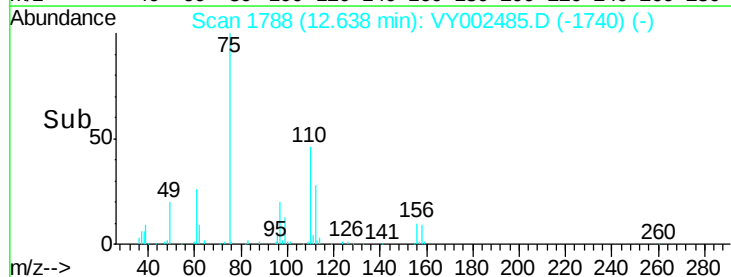
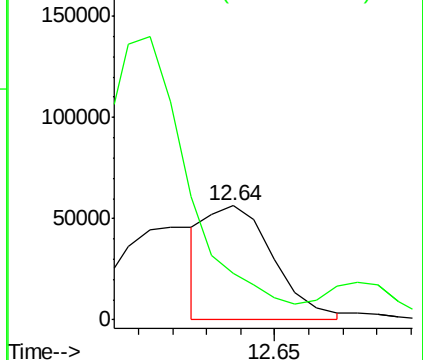
75 100

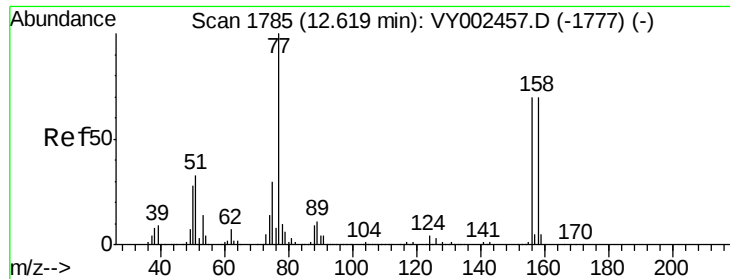
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.370 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

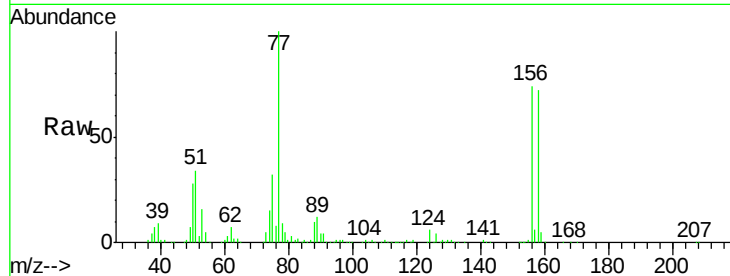
Tot Ion:156 Resp: 162448

Ion Ratio Lower Upper

156 100

77 156.2 78.5 235.7

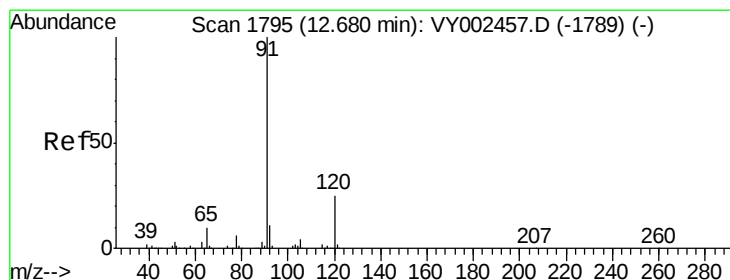
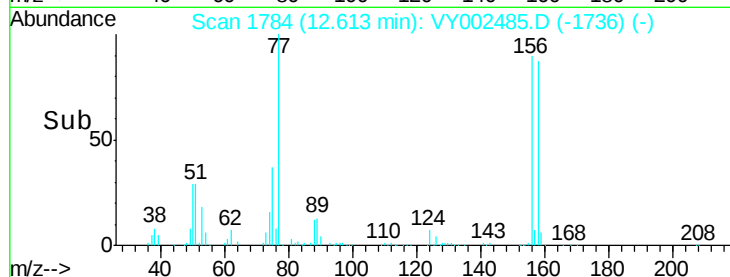
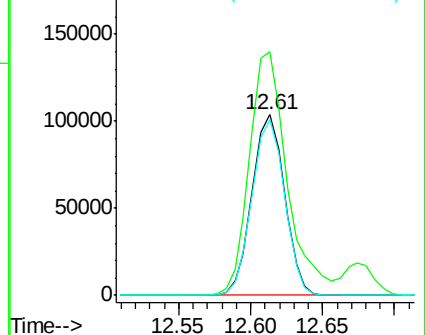
158 97.2 48.4 145.3



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: 49.097 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002485.D

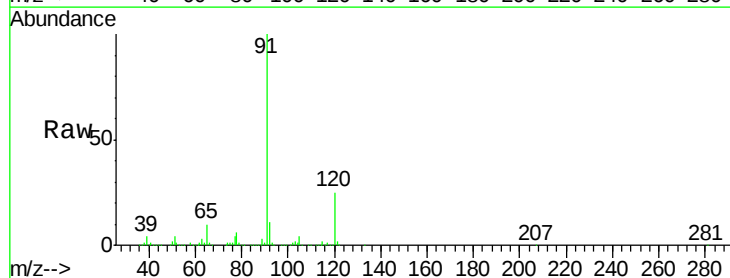
Acq: 28 Apr 2020 10:57

Tgt Ion: 91 Resp: 747893

Ion Ratio Lower Upper

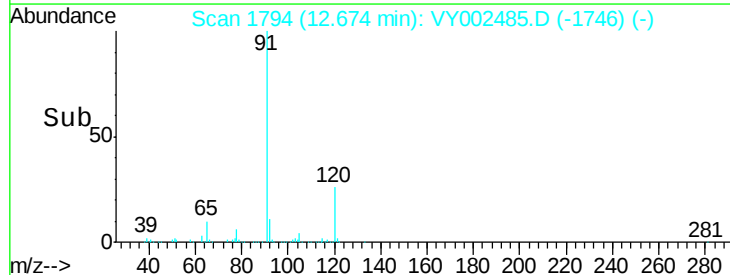
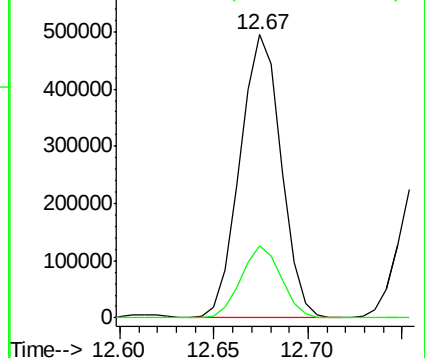
91 100

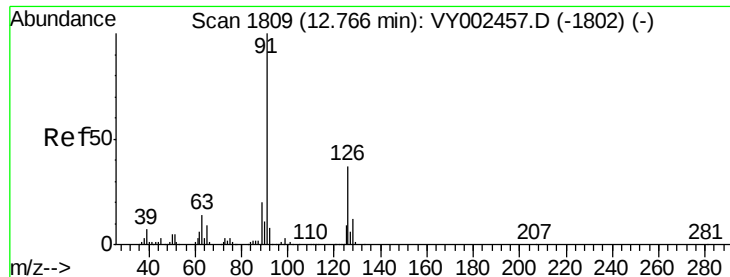
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.078 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

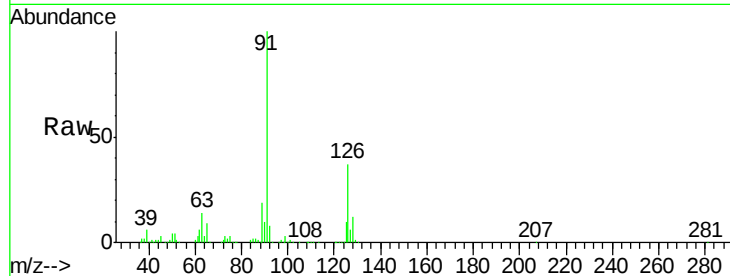
VSTDCCC050

Tot Ion: 91 Resp: 409081

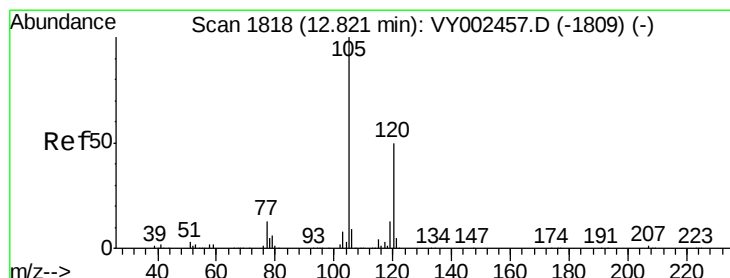
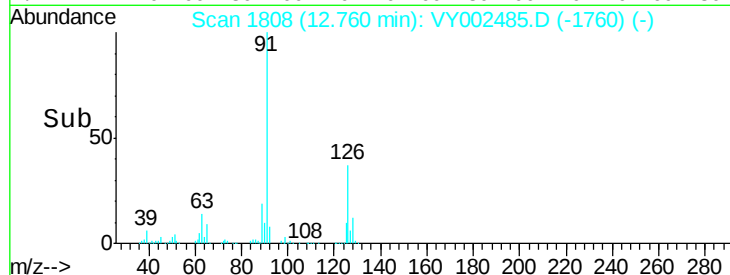
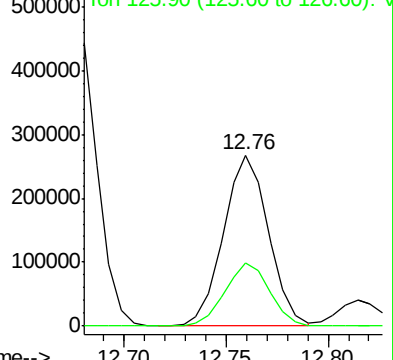
Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.537 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002485.D

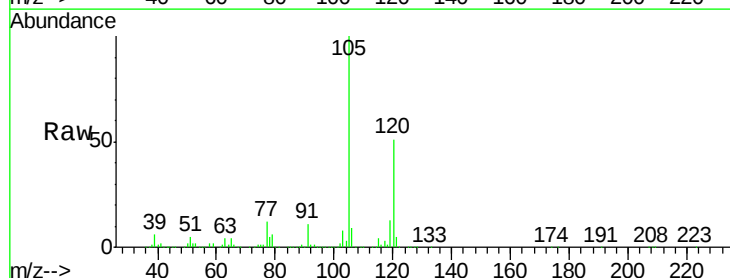
Acq: 28 Apr 2020 10:57

Tgt Ion:105 Resp: 551603

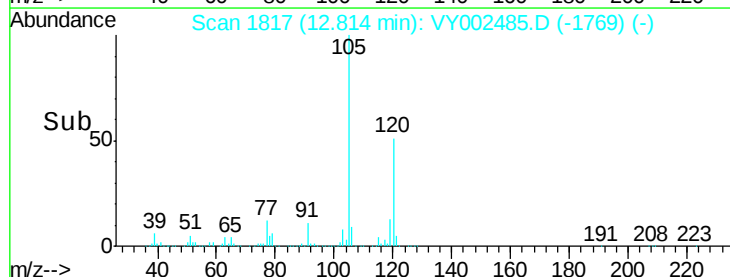
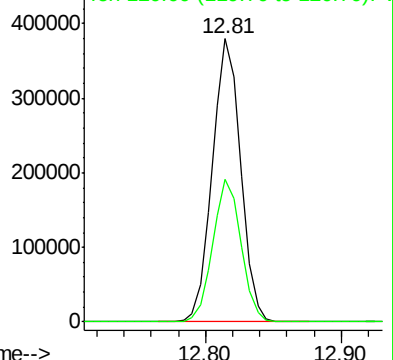
Ion Ratio Lower Upper

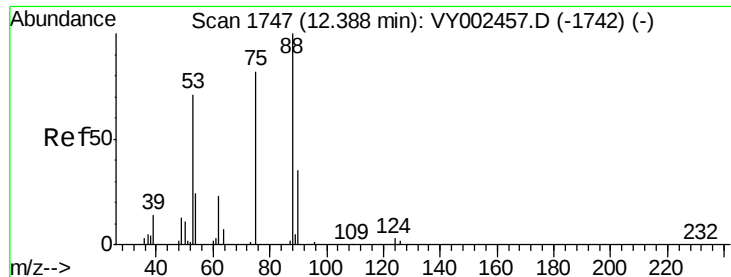
105 100

120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)

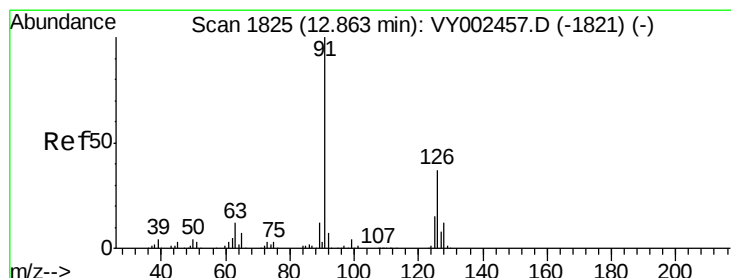
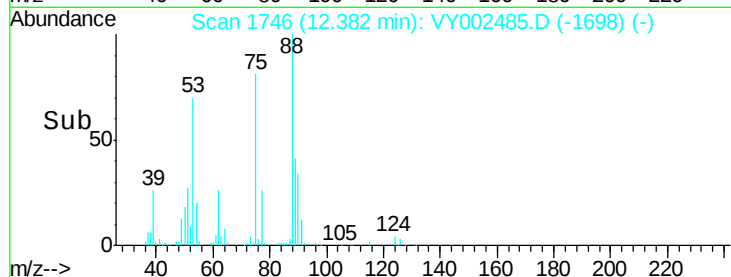
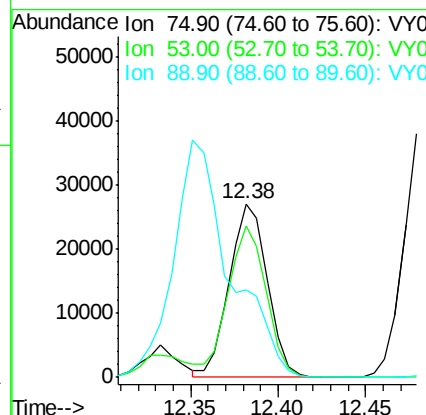
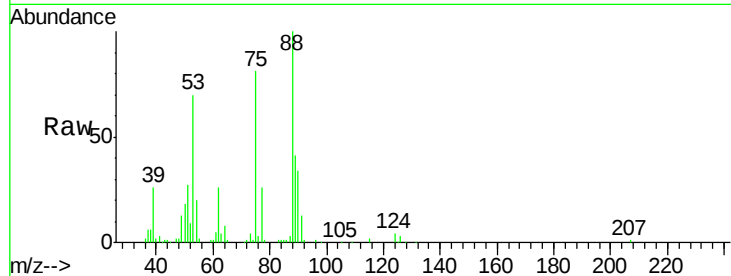




#81
trans-1,4-Dichloro-2-butene
Concen: 45.517 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

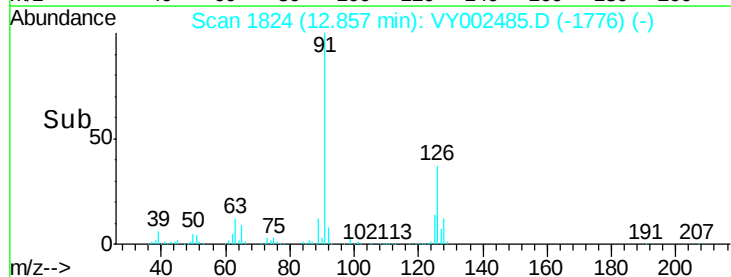
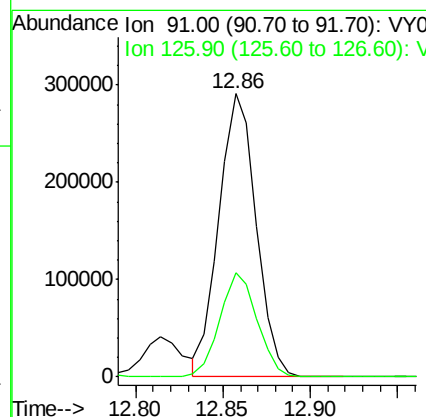
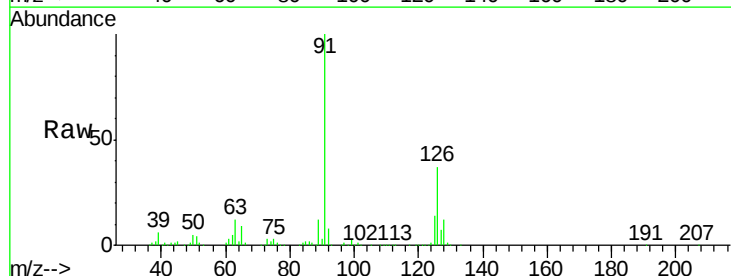
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

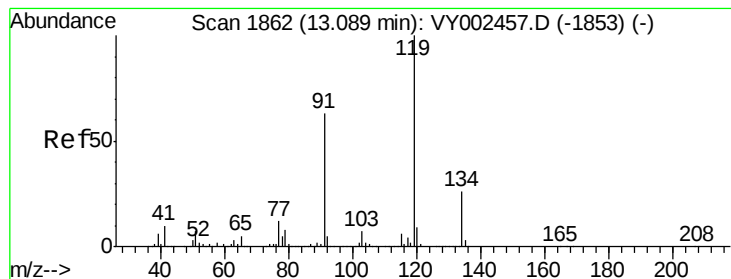
Tot Ion: 75 Resp: 40912
Ion Ratio Lower Upper
75 100
53 86.4 70.0 105.0
89 0.0 34.9 52.3#



#82
4-Chlorotoluene
Concen: 49.990 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002485.D
Acq: 28 Apr 2020 10:57

Tgt Ion: 91 Resp: 430660
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 50.379 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

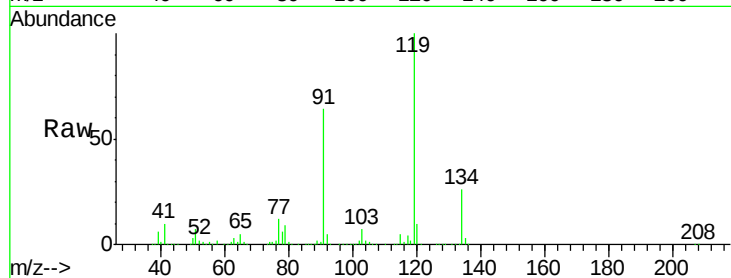
Tot Ion:119 Resp: 487140

Ion Ratio Lower Upper

119 100

91 62.3 30.8 92.3

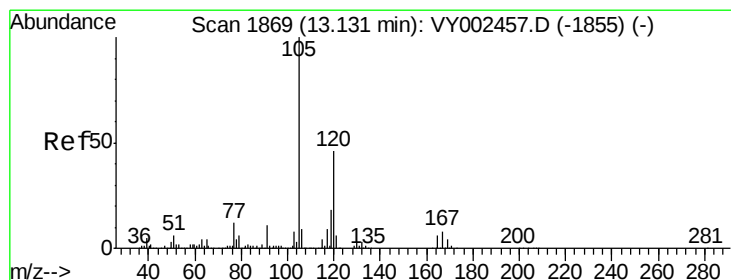
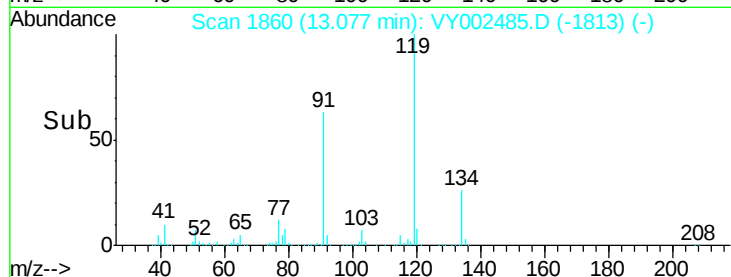
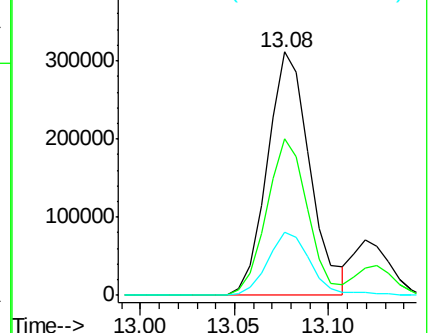
134 26.4 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.951 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VY002485.D

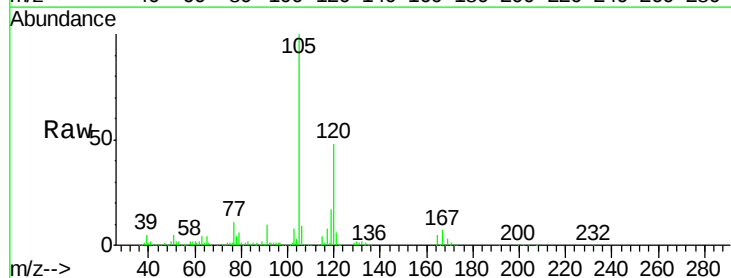
Acq: 28 Apr 2020 10:57

Tgt Ion:105 Resp: 544315

Ion Ratio Lower Upper

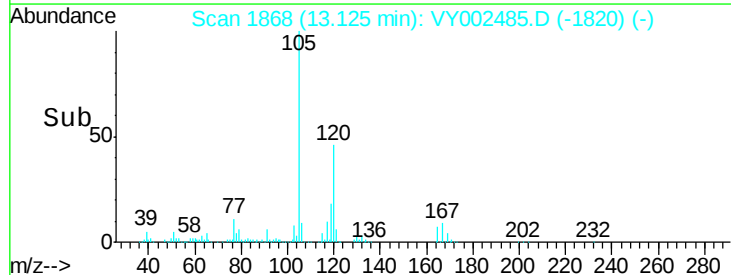
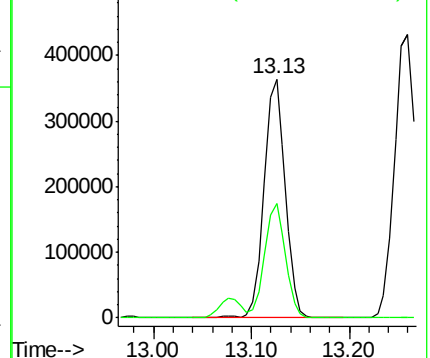
105 100

120 47.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.424 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

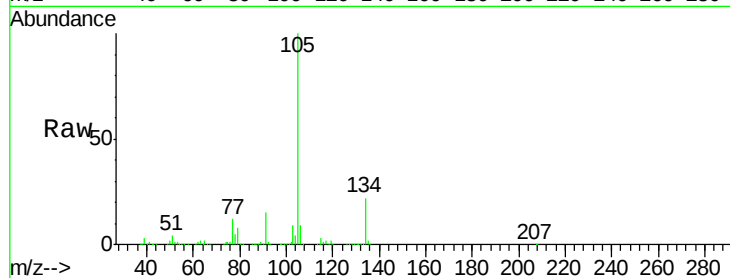
VSTDCCC050

Tot Ion:105 Resp: 652863

Ion Ratio Lower Upper

105 100

134 22.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

400000

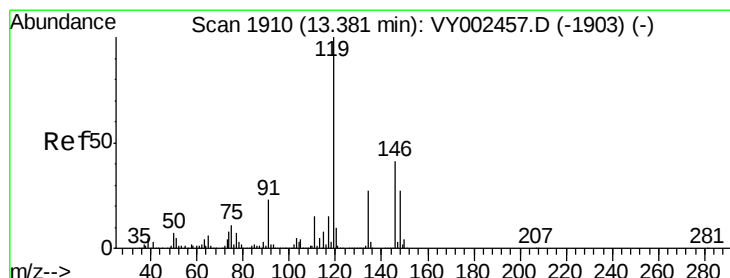
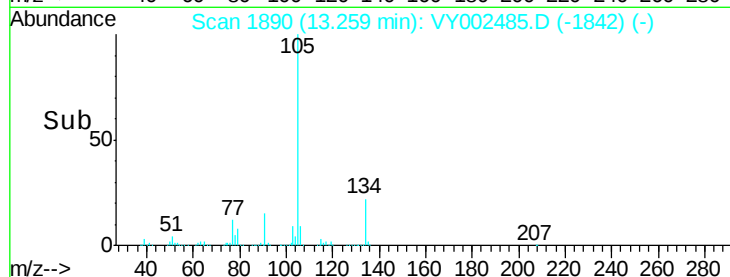
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.689 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

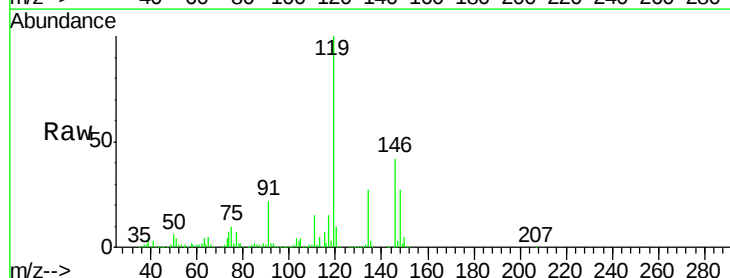
Tgt Ion:119 Resp: 625889

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 22.7 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

500000

400000

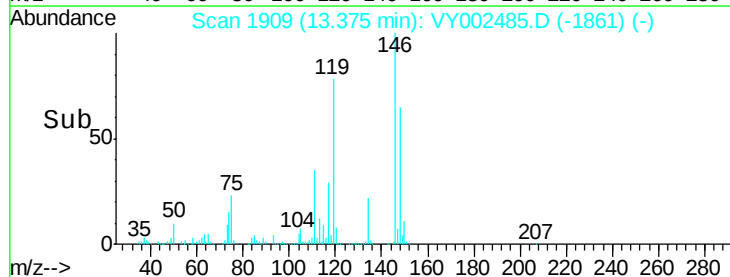
300000

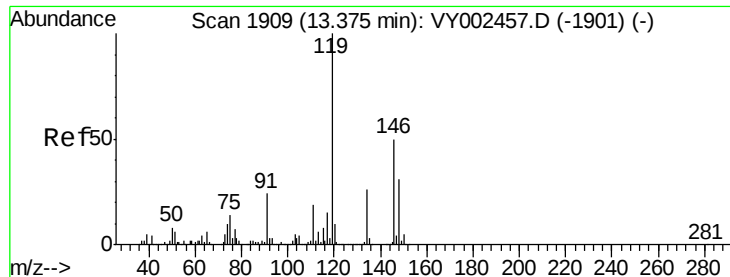
200000

100000

0

Time-->

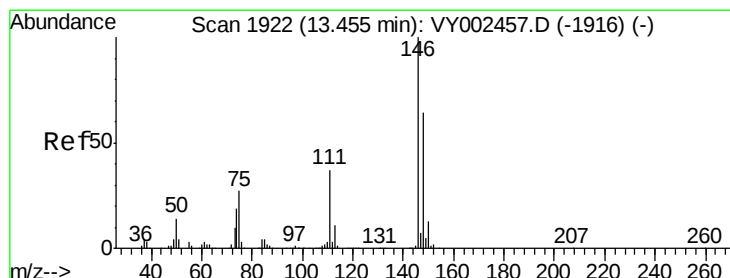
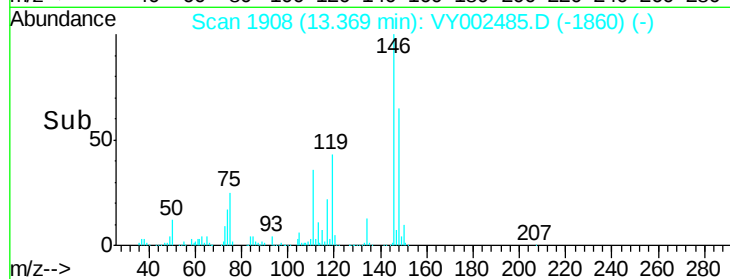
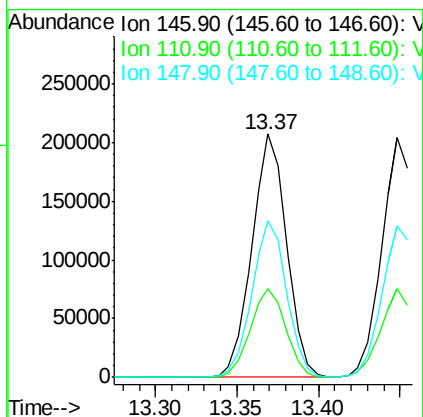
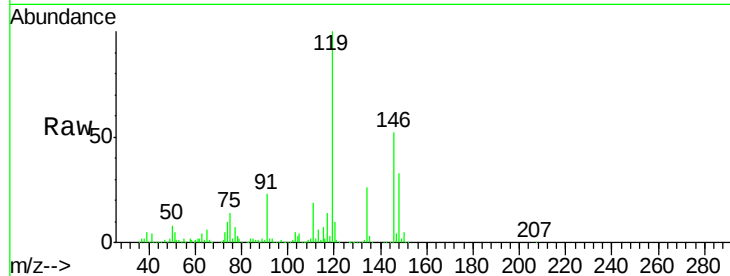




#87
 1,3-Dichlorobenzene
 Concen: 50.423 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

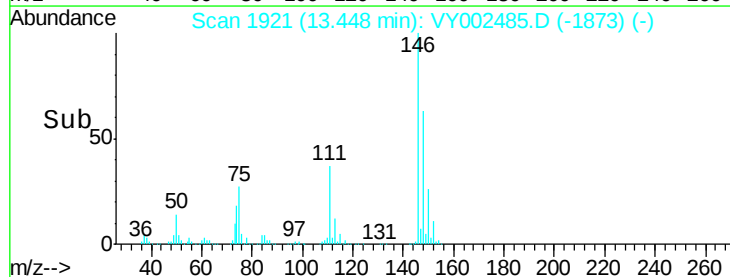
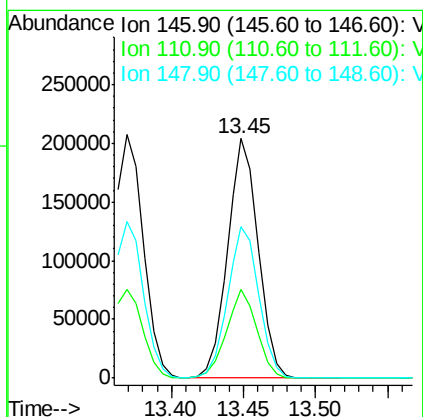
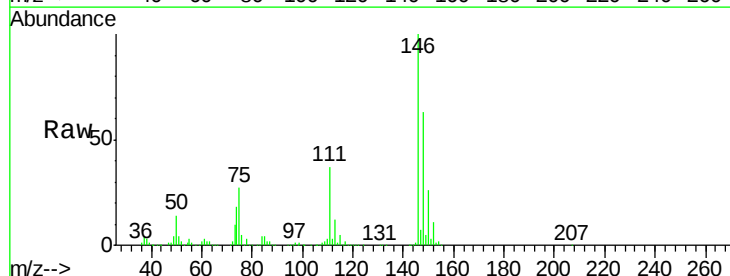
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

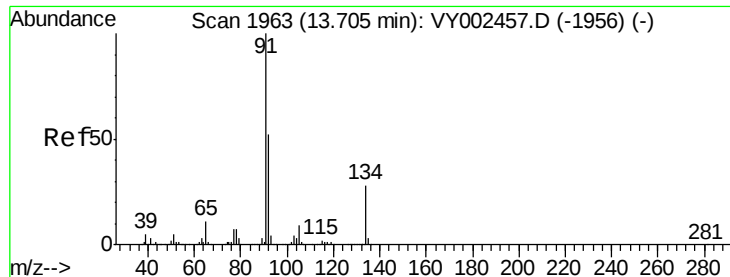
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	64.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.266 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 48.476 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

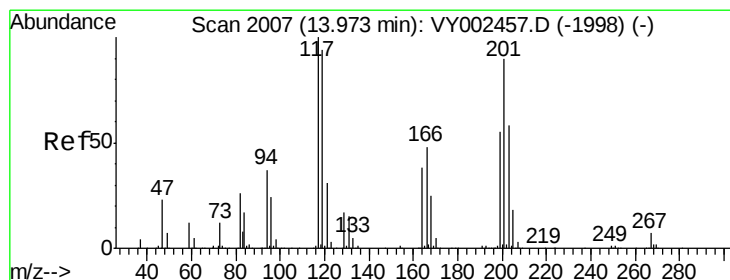
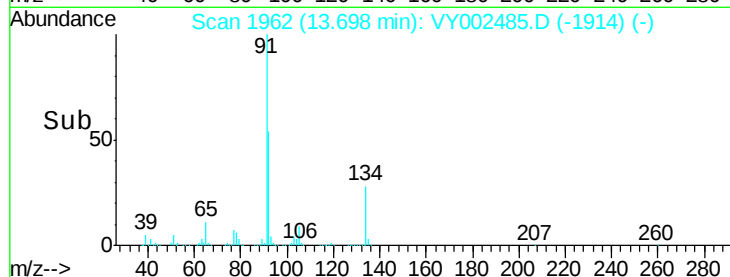
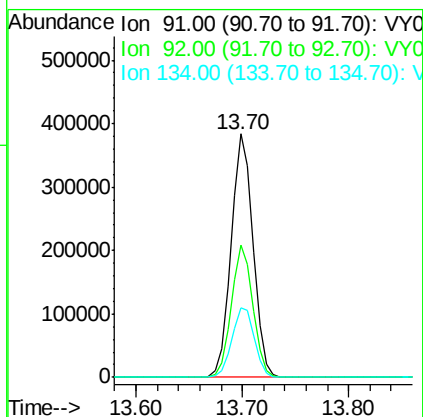
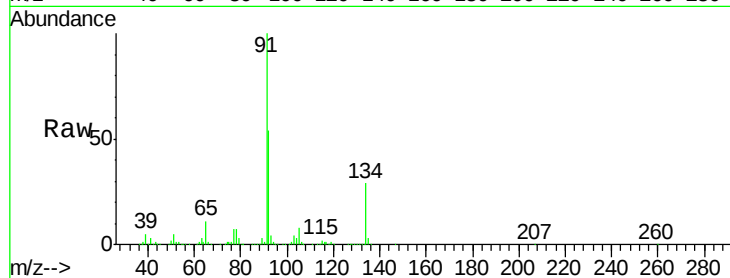
Tot Ion: 91 Resp: 552172

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

134 29.4 14.3 42.9



#90

Hexachloroethane

Concen: 49.417 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002485.D

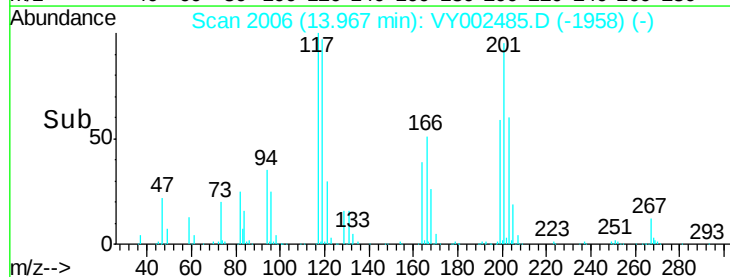
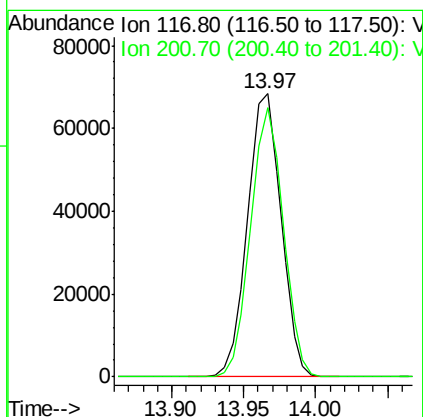
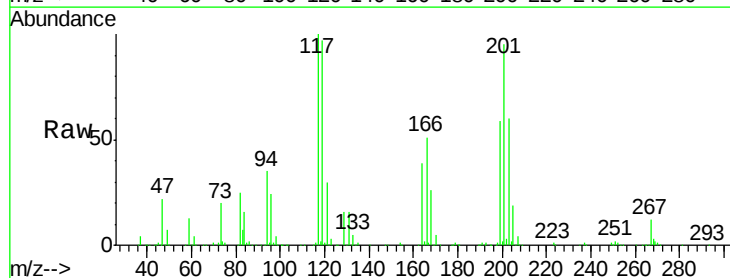
Acq: 28 Apr 2020 10:57

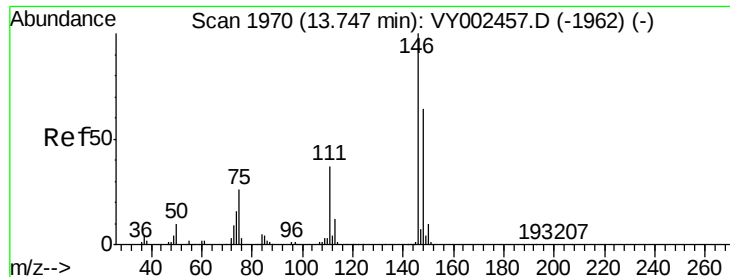
Tgt Ion: 117 Resp: 110288

Ion Ratio Lower Upper

117 100

201 92.4 44.4 133.1

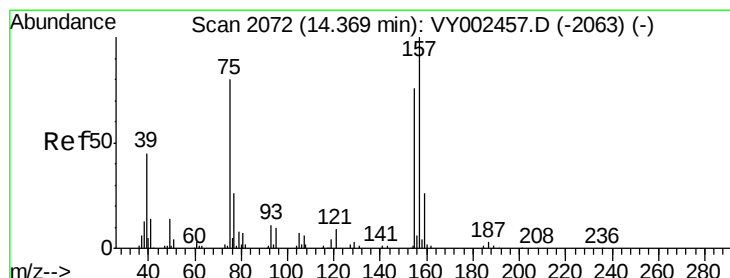
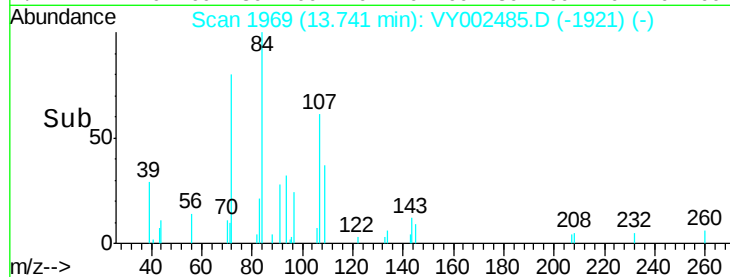
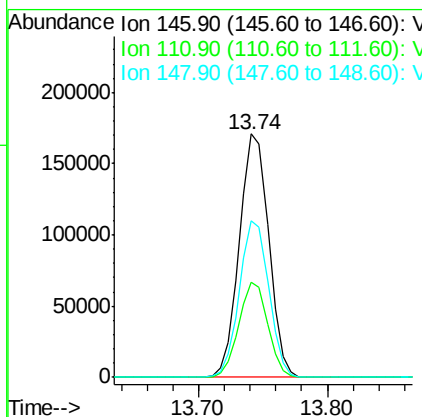
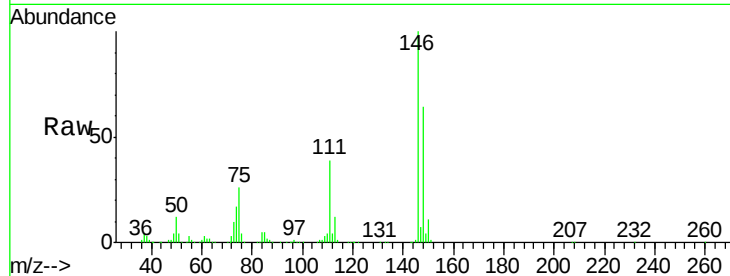




#91
 1,2-Dichlorobenzene
 Concen: 51.645 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

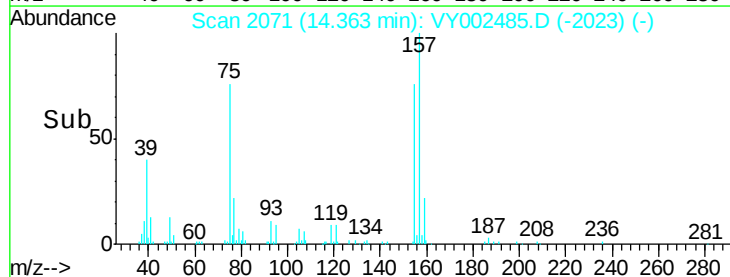
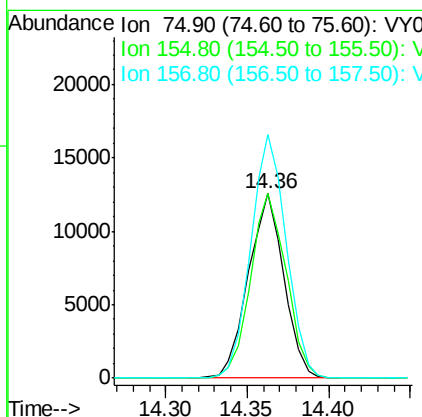
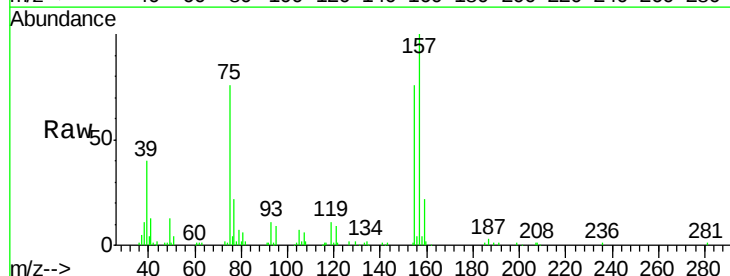
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

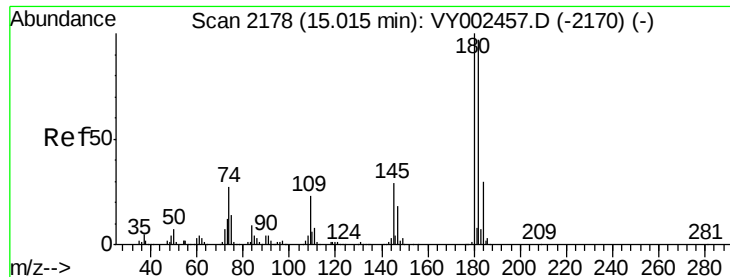
Tot Ion:146 Resp: 270670
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.9 56.9
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.429 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion: 75 Resp: 18973
 Ion Ratio Lower Upper
 75 100
 155 101.0 49.6 149.0
 157 131.9 62.6 187.9

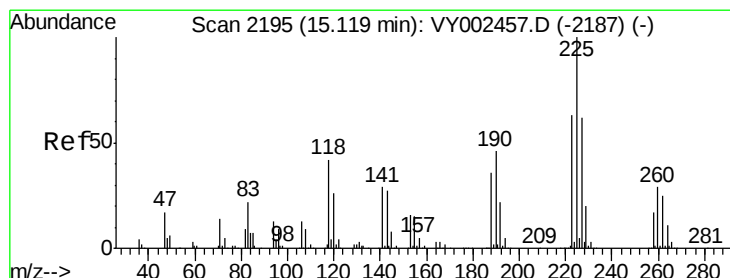
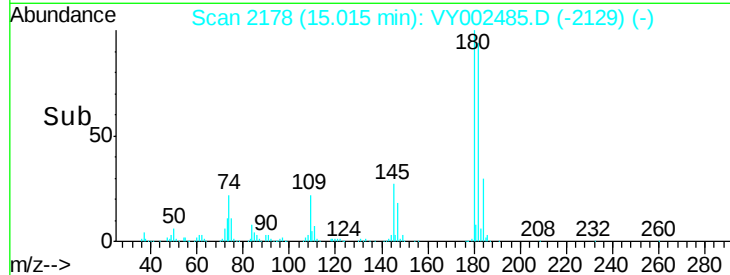
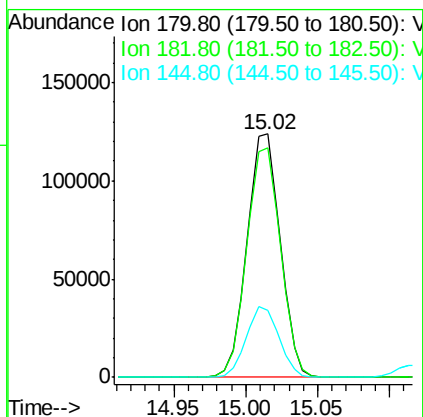
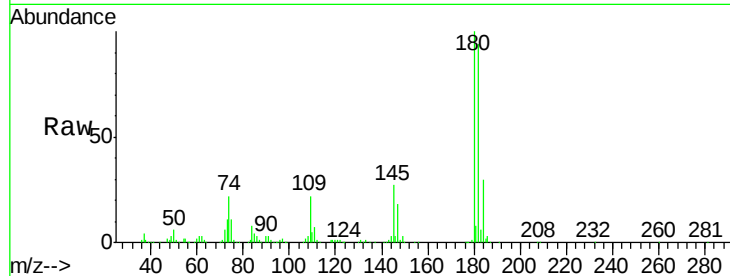




#93
 1,2,4-Trichlorobenzene
 Concen: 47.579 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

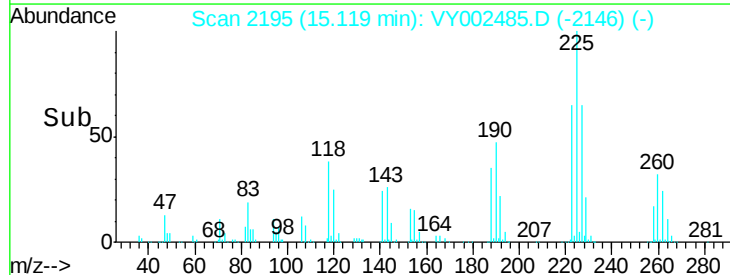
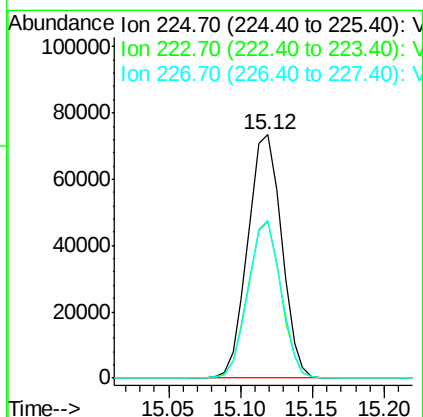
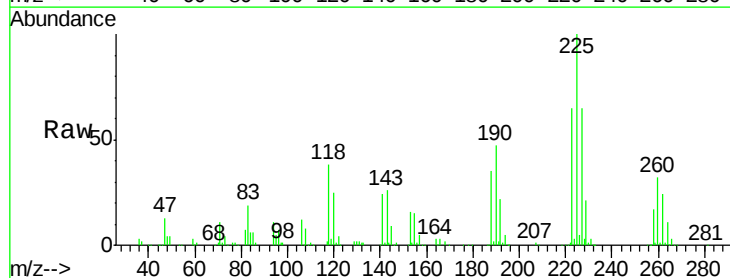
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

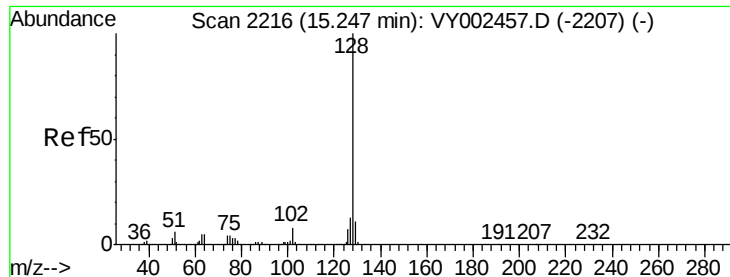
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.7
145	28.7	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 47.831 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002485.D
 Acq: 28 Apr 2020 10:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.3
227	63.0	31.5	94.5





#95

Naphthalene

Concen: 47.338 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

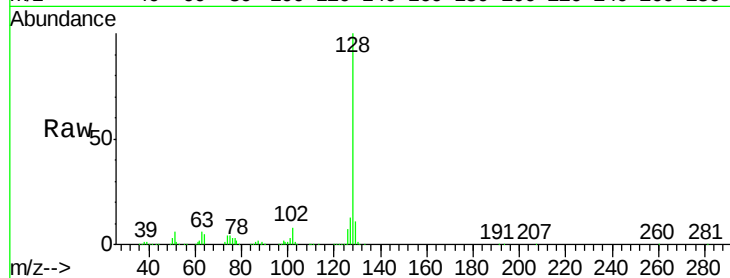
Tot Ion:128 Resp: 363160

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

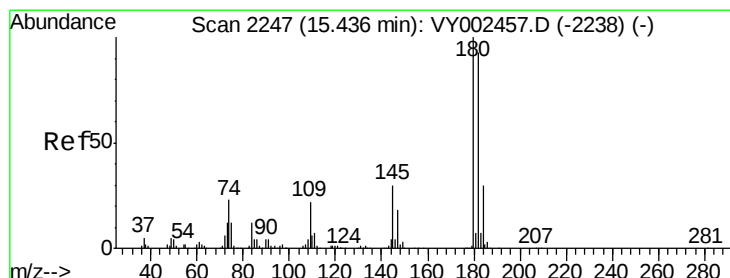
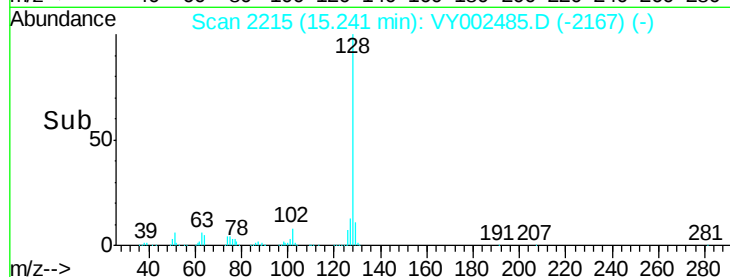
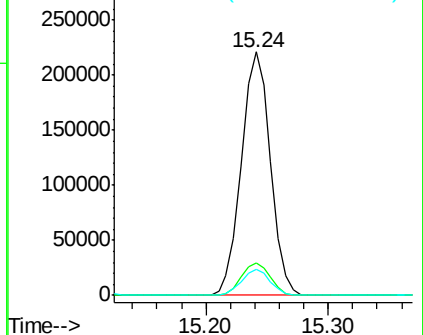
129 10.7 8.8 13.2



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: 46.939 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002485.D

Acq: 28 Apr 2020 10:57

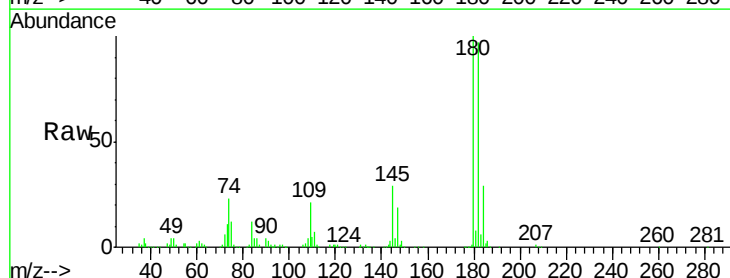
Tgt Ion:180 Resp: 164687

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

145 30.2 15.3 45.9



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

