

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
 Data File : VY000070.D
 Acq On : 19 Sep 2019 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 01:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	111617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	214672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	183531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	61816	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.72	113	59196	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	10.18	98	246099	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.48	95	86029	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	35878	46.248	ug/l 99
3) Chloromethane	2.11	50	45391	44.062	ug/l 93
4) Vinyl Chloride	2.25	62	51402	41.272	ug/l 93
5) Bromomethane	2.64	94	33614	42.816	ug/l 99
6) Chloroethane	2.79	64	35527	42.556	ug/l 94
7) Trichlorofluoromethane	3.12	101	74005	42.976	ug/l 88
8) Diethyl Ether	3.53	74	33436	45.348	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53719	45.471	ug/l 98
10) Methyl Iodide	4.09	142	57085	46.465	ug/l 98
11) Tert butyl alcohol	4.96	59	35282	231.755	ug/l 99
12) 1,1-Dichloroethene	3.87	96	47206	43.345	ug/l 94
13) Acrolein	3.73	56	12330	149.763	ug/l 93
14) Allyl chloride	4.48	41	76044	45.685	ug/l 99
15) Acrylonitrile	5.17	53	103149	233.298	ug/l 99
16) Acetone	3.95	43	68766	229.990	ug/l 87
17) Carbon Disulfide	4.19	76	86372	44.712	ug/l 100
18) Methyl Acetate	4.48	43	44627	44.675	ug/l 95
19) Methyl tert-butyl Ether	5.23	73	162107	47.631	ug/l 97
20) Methylene Chloride	4.71	84	62432	44.387	ug/l 99
21) trans-1,2-Dichloroethene	5.22	96	52690	43.523	ug/l 98
22) Diisopropyl ether	6.12	45	178352	47.425	ug/l 97
23) Vinyl Acetate	6.06	43	611851	243.088	ug/l 95
24) 1,1-Dichloroethane	6.02	63	103008	46.277	ug/l 98
25) 2-Butanone	6.99	43	125055	230.917	ug/l 92
26) 2,2-Dichloropropane	6.99	77	90481	43.073	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	70909	46.261	ug/l 98
28) Bromochloromethane	7.34	49	52233	50.625	ug/l 95
29) Tetrahydrofuran	7.35	42	78339	240.961	ug/l 95
30) Chloroform	7.51	83	106837	46.510	ug/l 100
31) Cyclohexane	7.78	56	77241	48.794	ug/l 94
32) 1,1,1-Trichloroethane	7.71	97	87013	46.636	ug/l 98
36) 1,1-Dichloropropene	7.92	75	72289	45.035	ug/l 98
37) Ethyl Acetate	7.07	43	51353	47.996	ug/l 98
38) Carbon Tetrachloride	7.90	117	72071	47.573	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	86929	44.043	ug/l	96
40) Benzene	8.16	78	240146	45.297	ug/l	97
41) Methacrylonitrile	7.35	41	70940	97.624	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	65342	46.530	ug/l	99
43) Isopropyl Acetate	8.27	43	100394	47.978	ug/l	98
44) Trichloroethene	8.94	130	62402	46.073	ug/l	96
45) 1,2-Dichloropropane	9.22	63	61595	44.850	ug/l	99
46) Dibromomethane	9.31	93	34213	45.608	ug/l	100
47) Bromodichloromethane	9.50	83	86296	47.407	ug/l	99
48) Methyl methacrylate	9.29	41	43908	47.712	ug/l	99
49) 1,4-Dioxane	9.29	88	12492	857.702	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	279013	244.215	ug/l	97
52) Toluene	10.24	92	154385	45.834	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	89012	46.119	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	104788	47.015	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	56514	48.053	ug/l	95
56) Ethyl methacrylate	10.51	69	79720	47.636	ug/l	97
57) 1,3-Dichloropropane	10.79	76	90317	45.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	228276	252.336	ug/l	99
59) 2-Hexanone	10.84	43	205697	252.369	ug/l	99
60) Dibromochloromethane	10.99	129	60225	48.880	ug/l	96
61) 1,2-Dibromoethane	11.09	107	51279	47.736	ug/l	97
64) Tetrachloroethene	10.72	164	54642	47.436	ug/l	97
65) Chlorobenzene	11.52	112	170194	46.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	60623	49.389	ug/l	97
67) Ethyl Benzene	11.59	91	298339	46.049	ug/l	99
68) m/p-Xylenes	11.70	106	230843	93.640	ug/l	97
69) o-Xylene	12.03	106	112780	47.248	ug/l	98
70) Styrene	12.04	104	200981	47.962	ug/l	99
71) Bromoform	12.21	173	36757	51.727	ug/l #	100
73) Isopropylbenzene	12.33	105	298823	45.374	ug/l	99
74) N-amyl acetate	12.15	43	91544	48.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	71549	46.153	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	91667	79.726	ug/l #	100
77) Bromobenzene	12.60	156	65734	47.801	ug/l	96
78) n-propylbenzene	12.67	91	366981	45.682	ug/l	99
79) 2-Chlorotoluene	12.76	91	205791	45.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	248643	45.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26998	45.160	ug/l	92
82) 4-Chlorotoluene	12.85	91	216451	46.609	ug/l	100
83) tert-Butylbenzene	13.07	119	219180	46.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	248487	46.201	ug/l	98
85) sec-Butylbenzene	13.25	105	313541	45.469	ug/l	99
86) p-Isopropyltoluene	13.37	119	271875	46.513	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	128095	46.957	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	131389	47.932	ug/l	98
89) n-Butylbenzene	13.69	91	281359	46.791	ug/l	99
90) Hexachloroethane	13.96	117	55244	48.096	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	122114	47.646	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13677	49.551	ug/l	95

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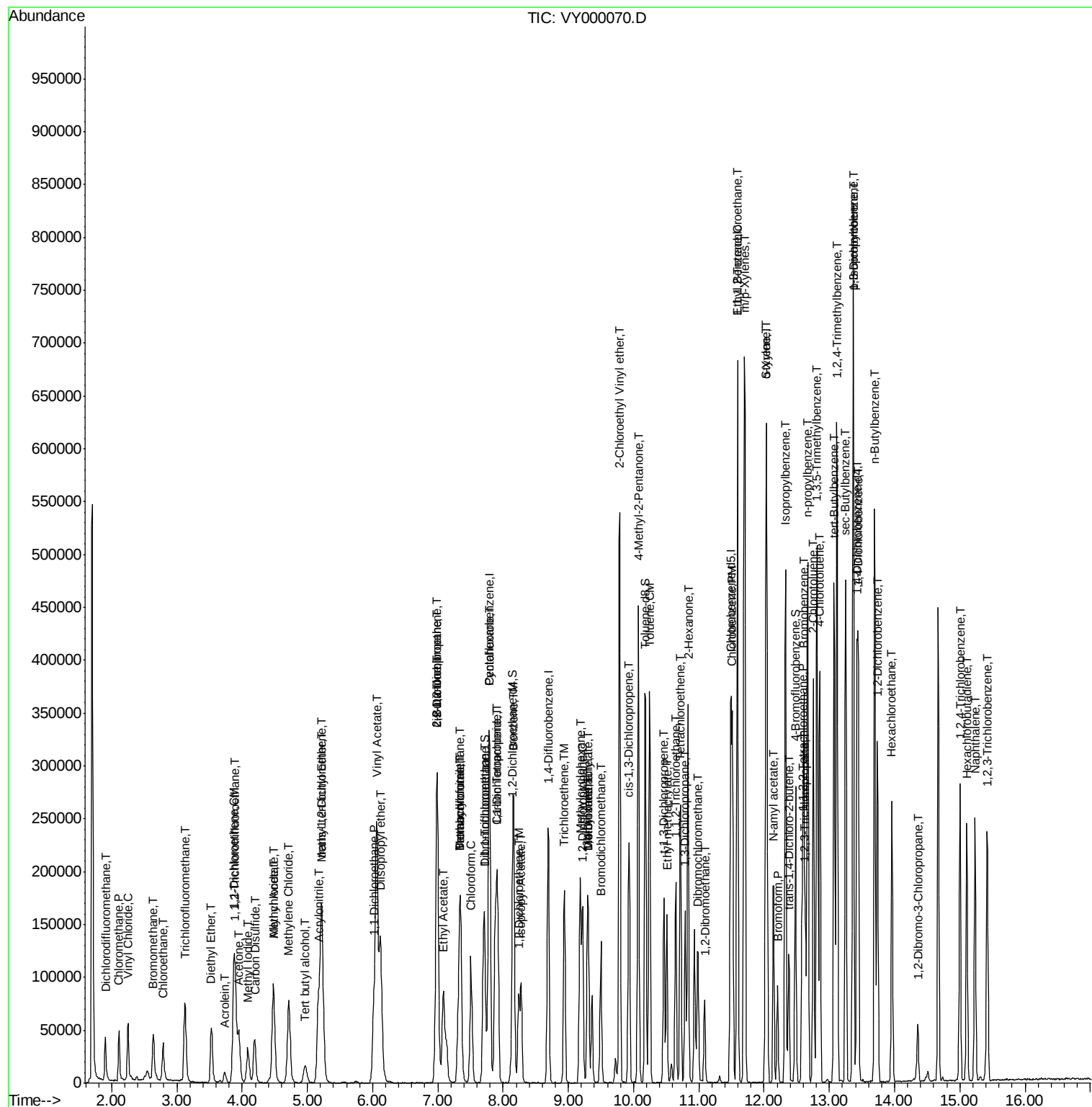
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	78815	50.963	ug/l	95
94) Hexachlorobutadiene	15.11	225	36355	48.962	ug/l	96
95) Naphthalene	15.24	128	204883	46.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	71303	48.311	ug/l	98

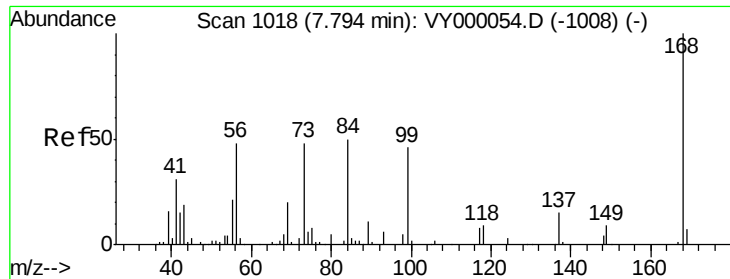
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

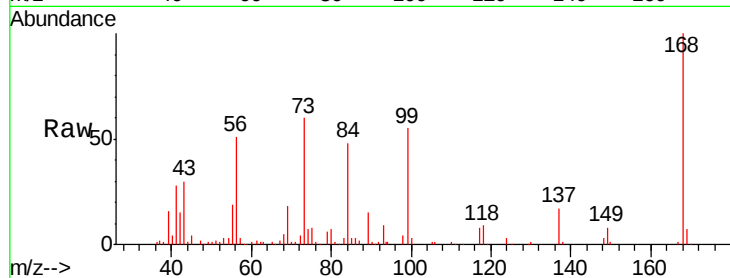
VSTDCCC050

Tgt Ion:168 Resp: 111617

Ion Ratio Lower Upper

168 100

99 55.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000070.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000070.D (-969) (-)

7.79

60000

50000

40000

30000

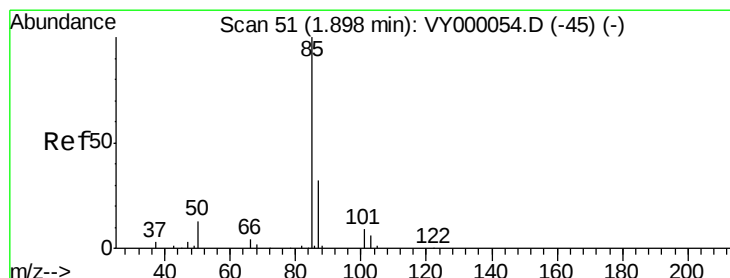
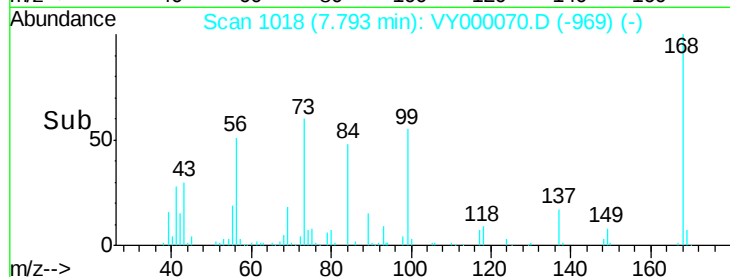
20000

10000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 46.248 ug/l

RT: 1.90 min Scan# 52

Delta R.T. 0.01 min

Lab File: VY000070.D

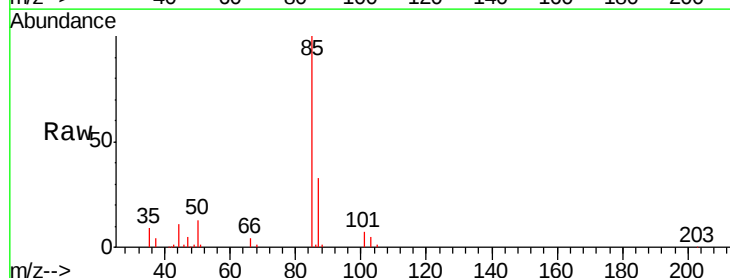
Acq: 19 Sep 2019 12:05

Tgt Ion: 85 Resp: 35878

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY000070.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000070.D (-2) (-)

1.90

25000

20000

15000

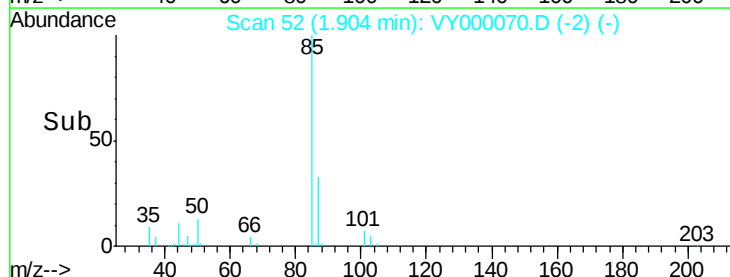
10000

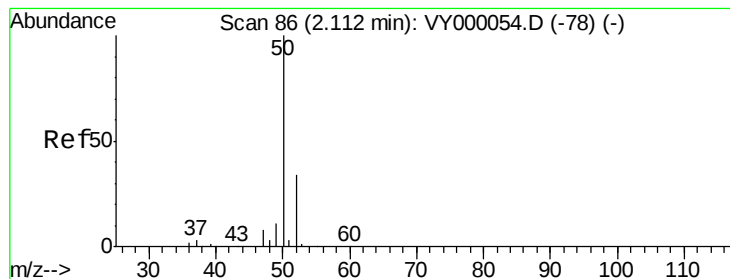
5000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 44.062 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

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ClientSampleId :

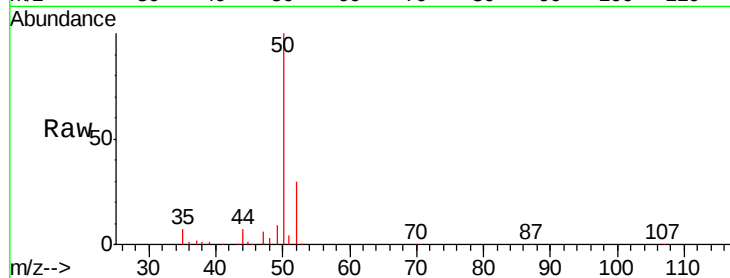
VSTDCCC050

Tgt Ion: 50 Resp: 45391

Ion Ratio Lower Upper

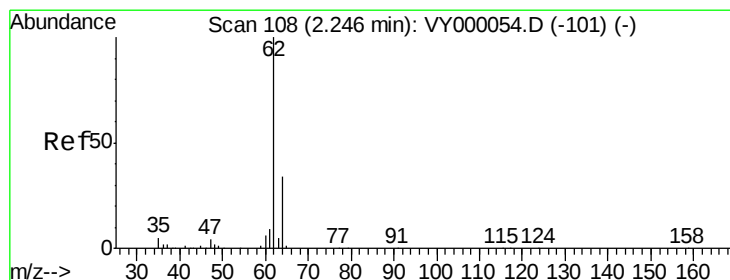
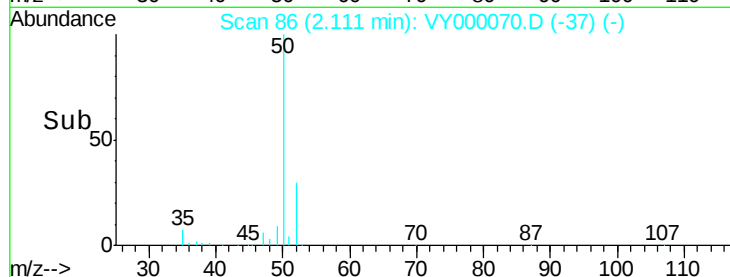
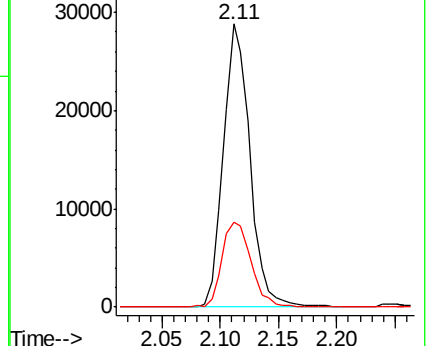
50 100

52 30.1 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 41.272 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000070.D

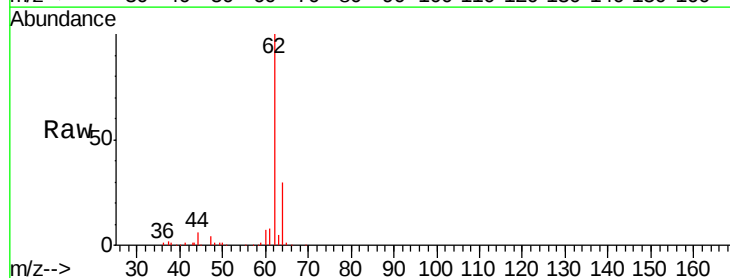
Acq: 19 Sep 2019 12:05

Tgt Ion: 62 Resp: 51402

Ion Ratio Lower Upper

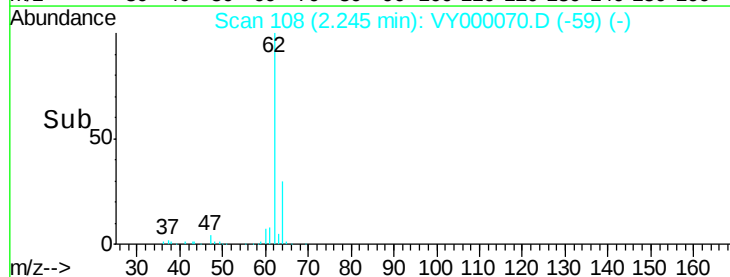
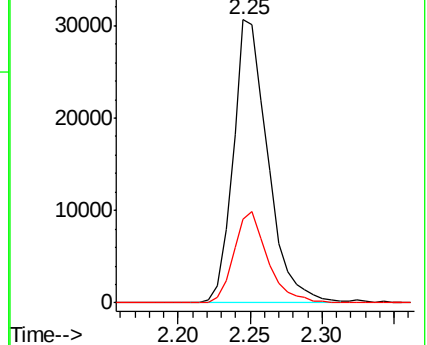
62 100

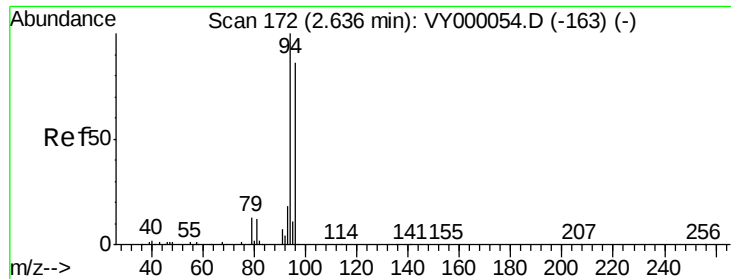
64 29.7 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.816 ug/l

RT: 2.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

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ClientSampleId :

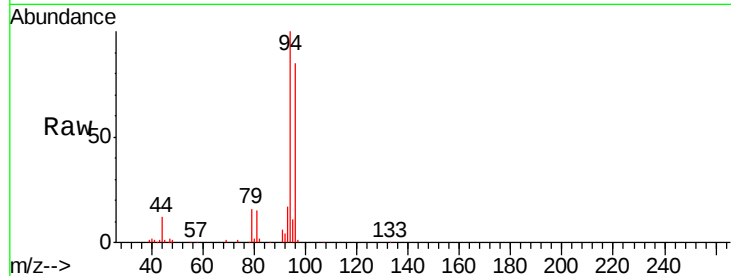
VSTDCCC050

Tgt Ion: 94 Resp: 33614

Ion Ratio Lower Upper

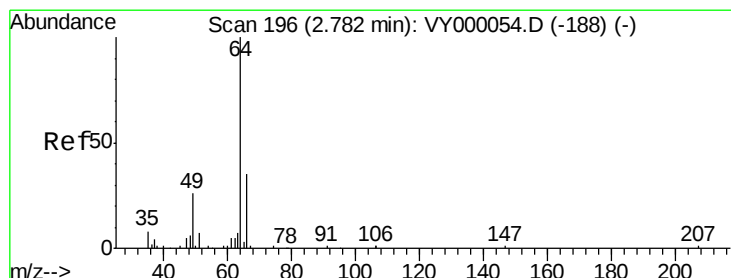
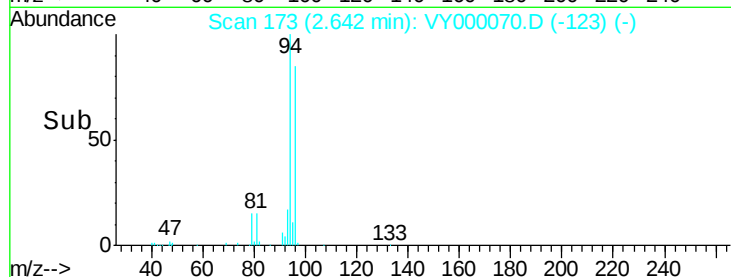
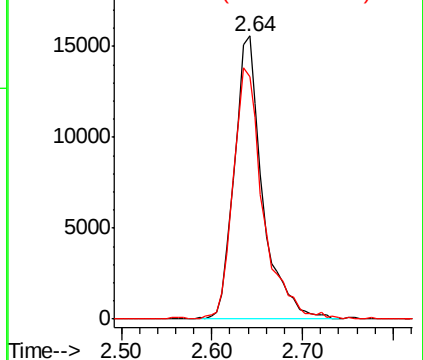
94 100

96 85.4 69.1 103.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 42.556 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VY000070.D

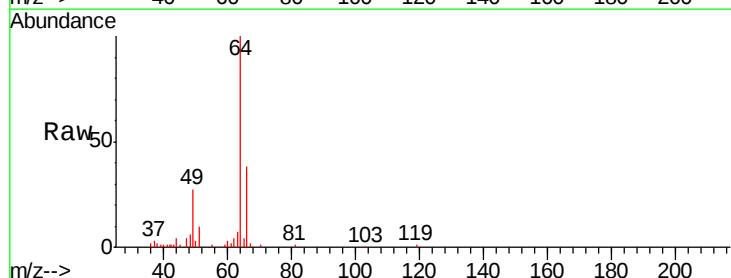
Acq: 19 Sep 2019 12:05

Tgt Ion: 64 Resp: 35527

Ion Ratio Lower Upper

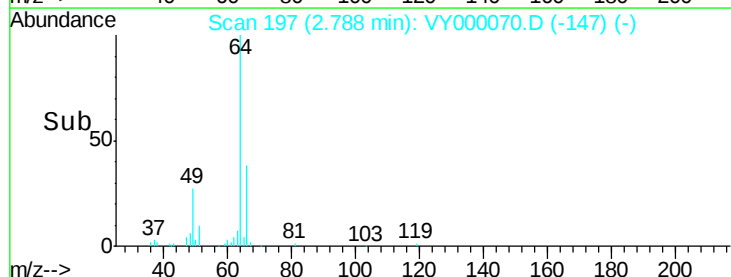
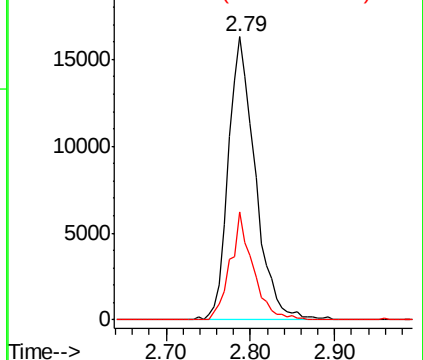
64 100

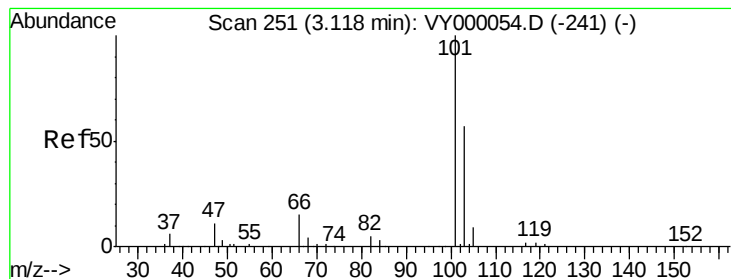
66 38.1 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



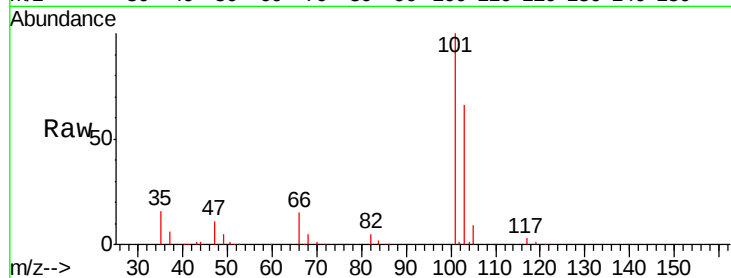


#7

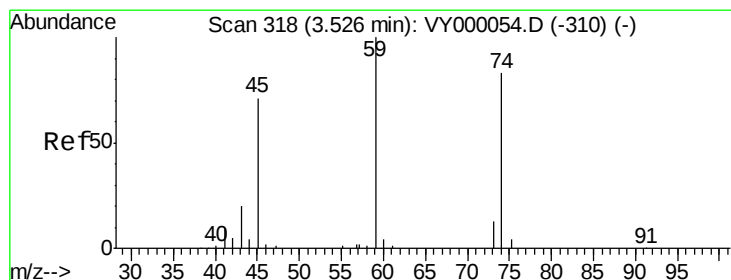
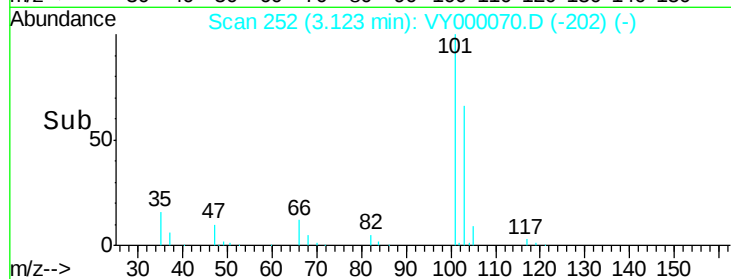
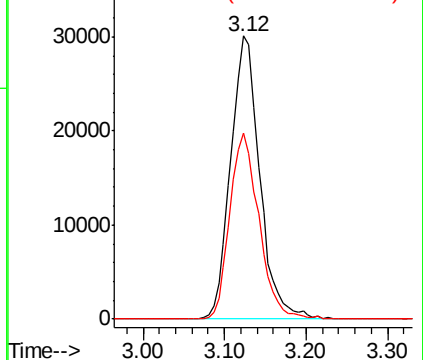
Trichlorofluoromethane
Concen: 42.976 ug/l
RT: 3.12 min Scan# 252
Delta R.T. 0.01 min
Lab File: VY000070.D
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Instrument :
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Tgt Ion:101 Resp: 74005
Ion Ratio Lower Upper
101 100
103 65.6 45.7 68.5



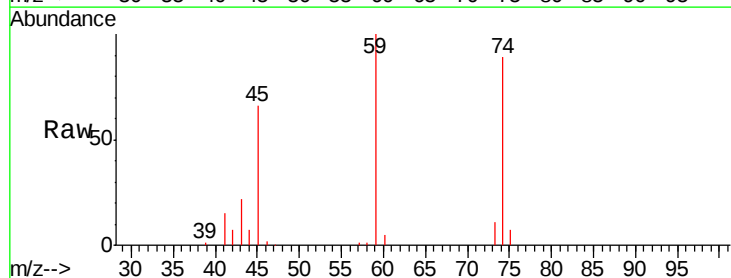
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



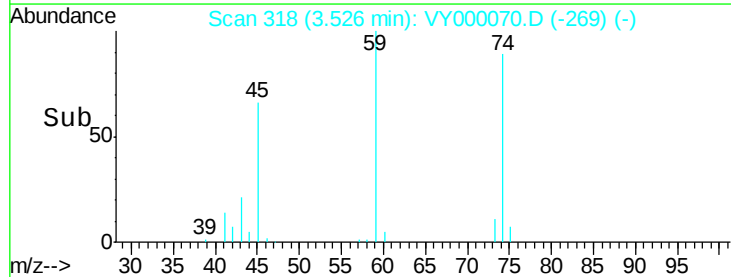
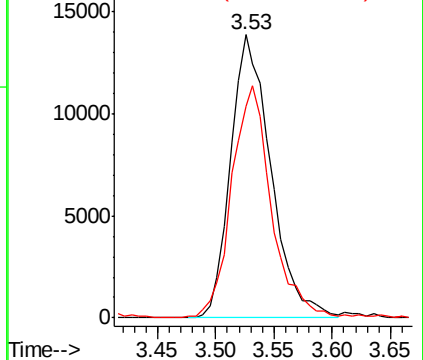
#8

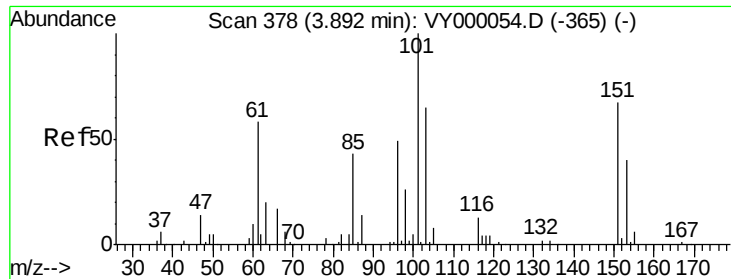
Diethyl Ether
Concen: 45.348 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 74 Resp: 33436
Ion Ratio Lower Upper
74 100
45 80.7 40.6 122.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0

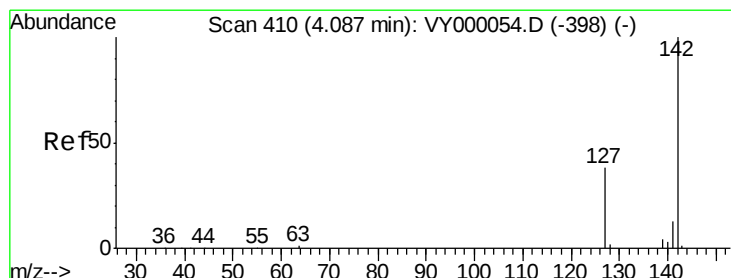
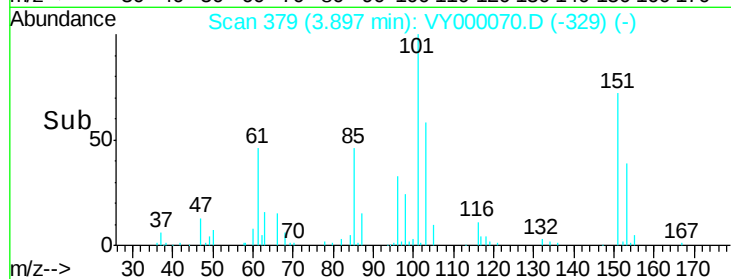
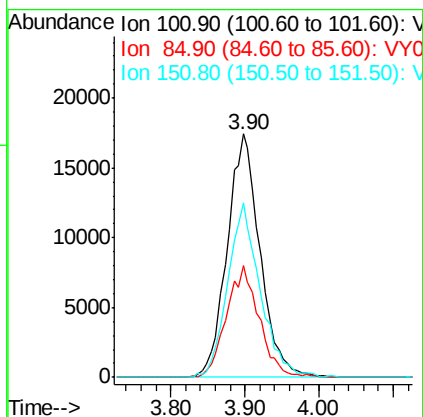
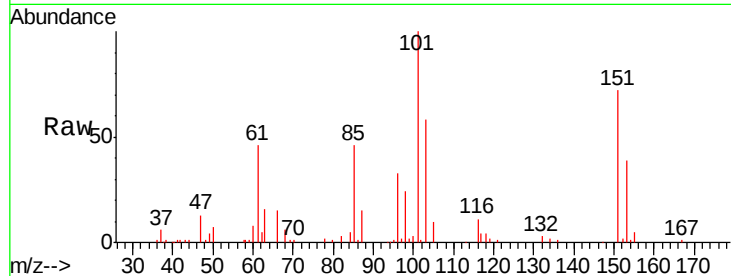




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.471 ug/l
 RT: 3.90 min Scan# 379
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

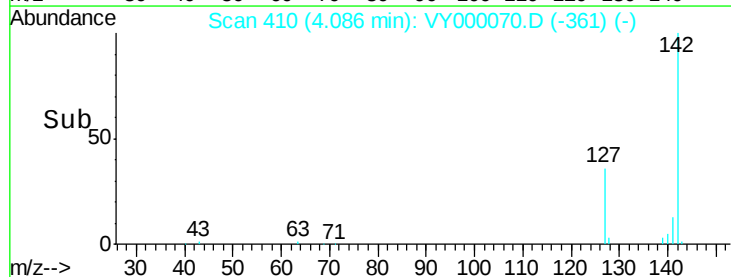
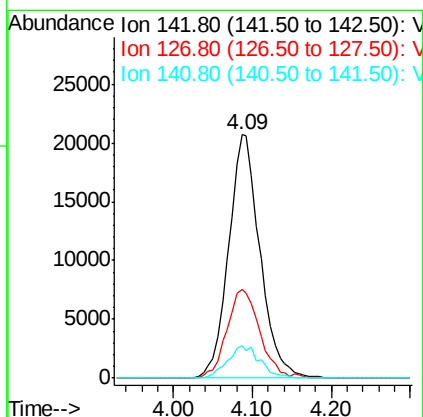
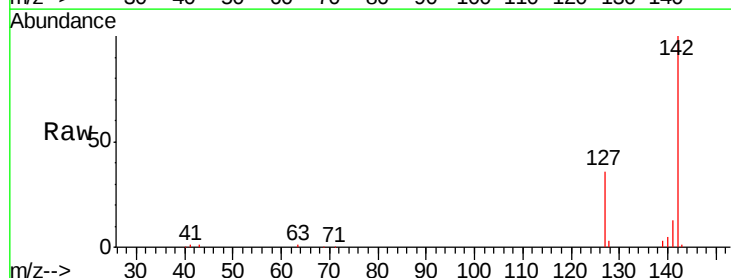
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

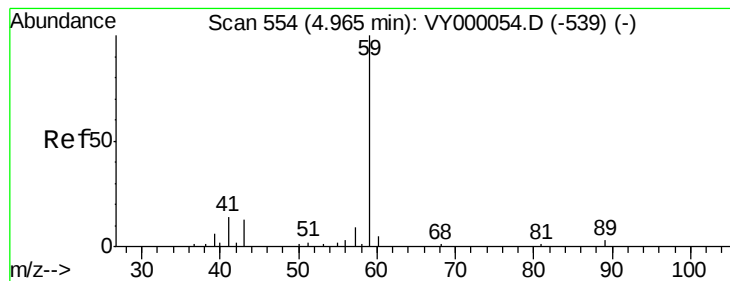
Tgt Ion:101 Resp: 53719
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.8 55.2
 151 70.7 54.4 81.6



#10
 Methyl Iodide
 Concen: 46.465 ug/l
 RT: 4.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion:142 Resp: 57085
 Ion Ratio Lower Upper
 142 100
 127 38.3 31.6 47.4
 141 13.7 10.9 16.3



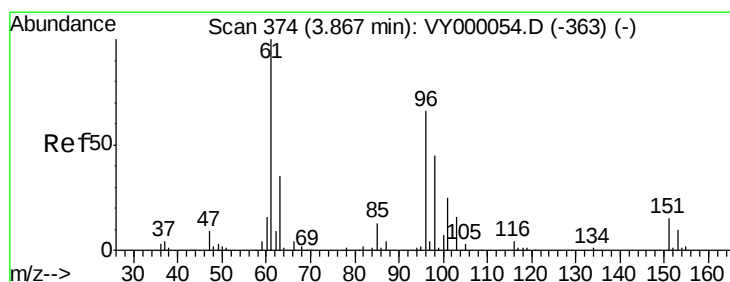
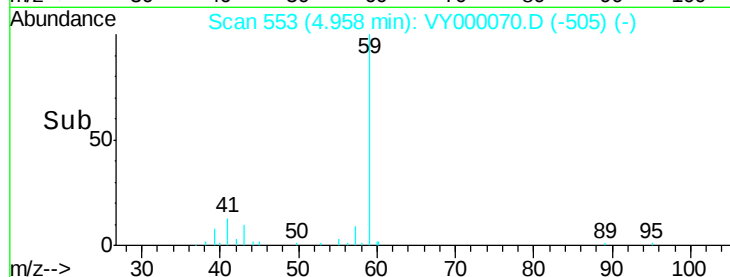
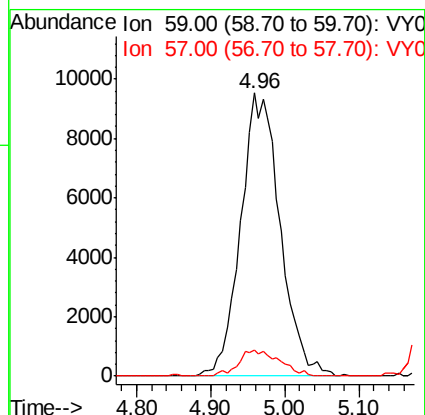
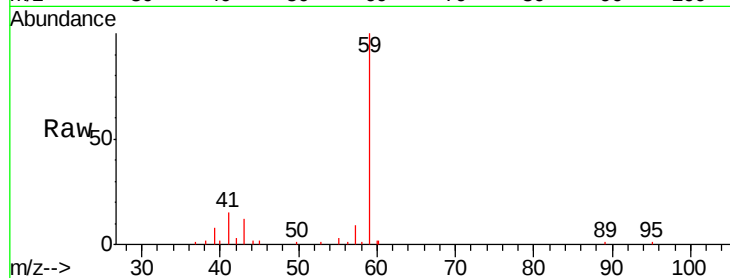


#11

Tert butyl alcohol
 Concen: 231.755 ug/l
 RT: 4.96 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

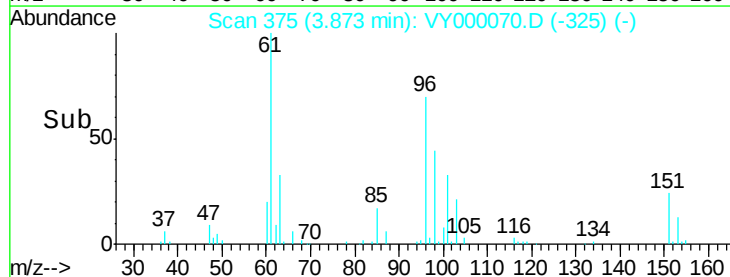
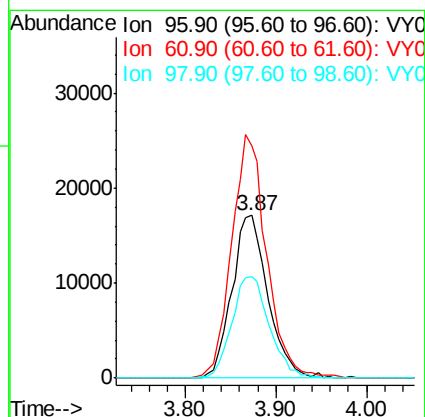
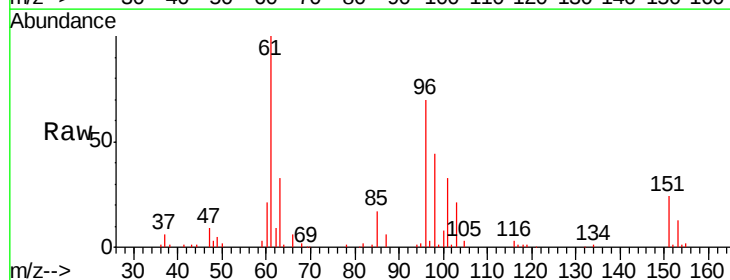
Tgt Ion: 59 Resp: 35282
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0

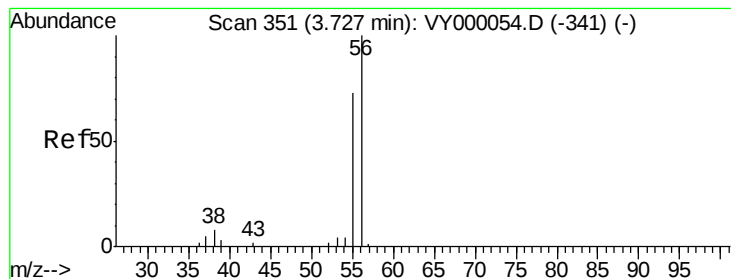


#12

1,1-Dichloroethene
 Concen: 43.345 ug/l
 RT: 3.87 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 96 Resp: 47206
 Ion Ratio Lower Upper
 96 100
 61 142.7 120.4 180.6
 98 62.2 54.1 81.1





#13

Acrolein

Concen: 149.763 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

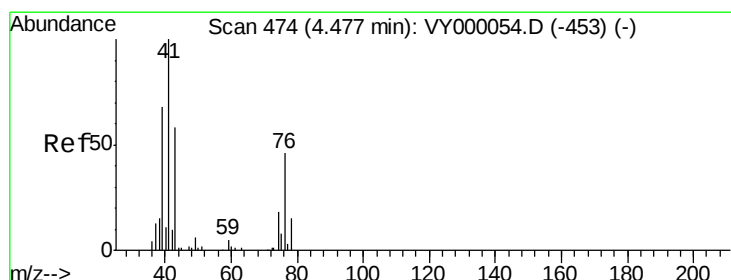
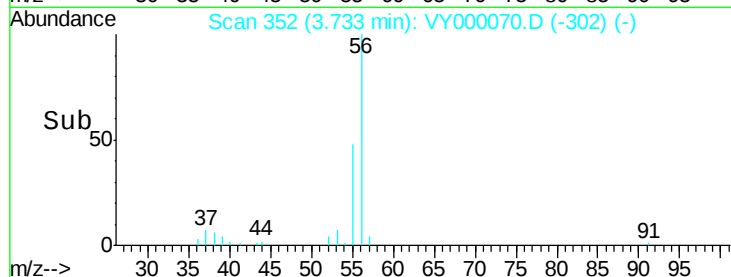
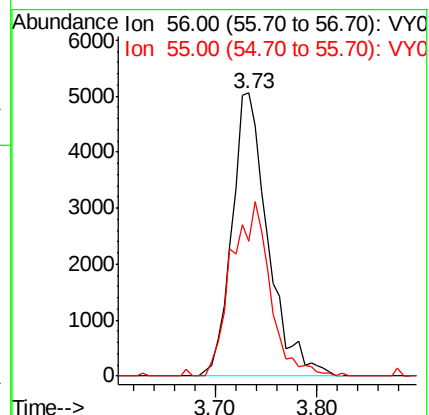
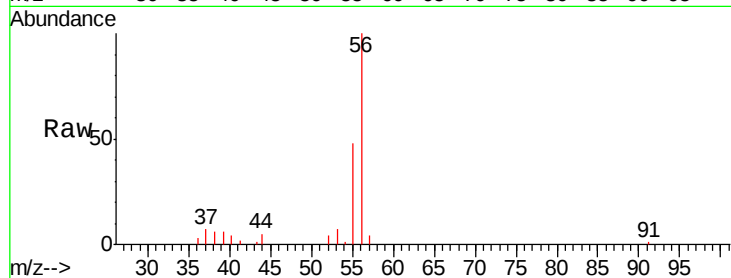
VSTDCCC050

Tgt Ion: 56 Resp: 12330

Ion Ratio Lower Upper

56 100

55 66.5 57.8 86.8



#14

Allyl chloride

Concen: 45.685 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

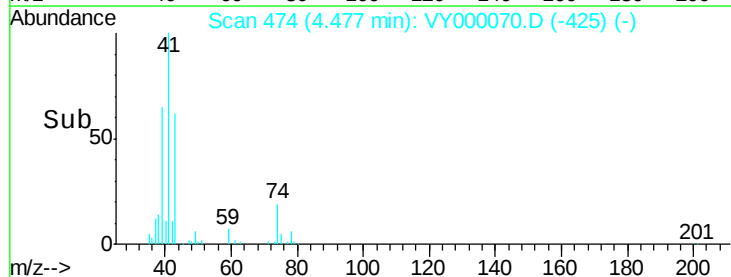
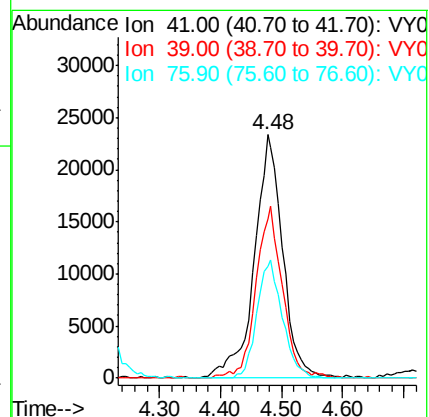
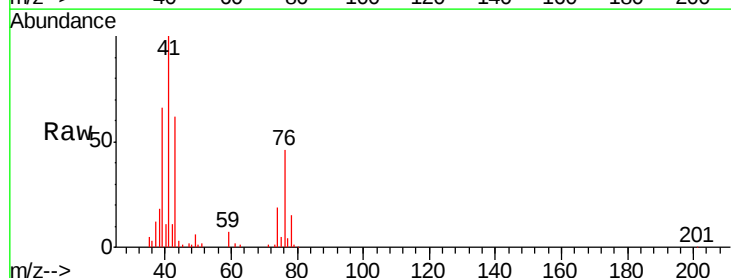
Tgt Ion: 41 Resp: 76044

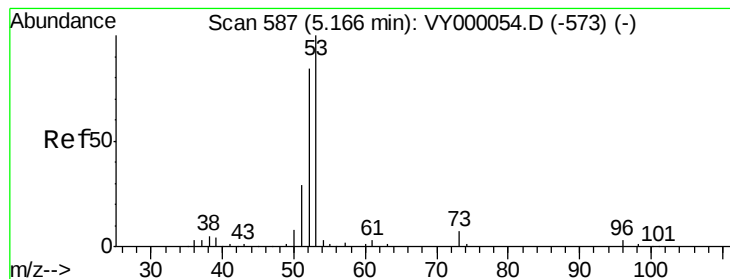
Ion Ratio Lower Upper

41 100

39 65.0 52.7 79.1

76 43.5 35.5 53.3





#15

Acrylonitrile

Concen: 233.298 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

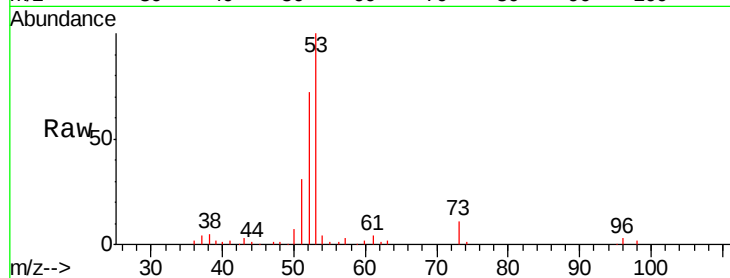
Tgt Ion: 53 Resp: 103149

Ion Ratio Lower Upper

53 100

52 79.9 64.7 97.1

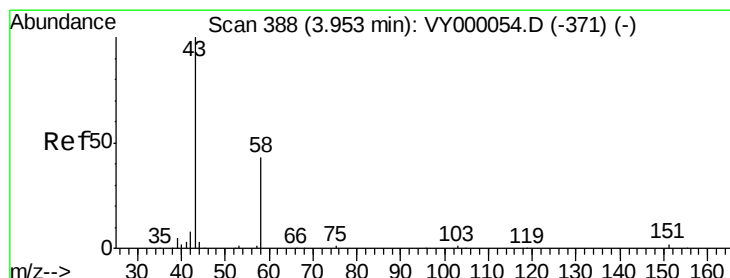
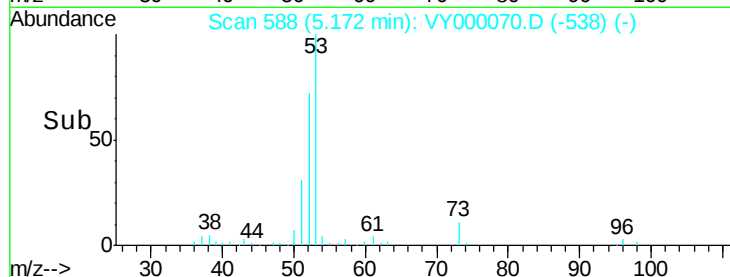
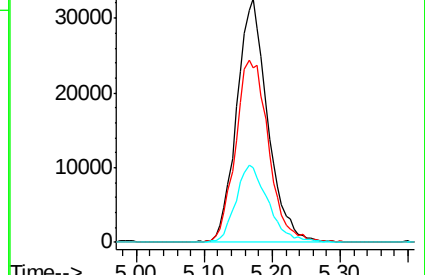
51 33.3 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY000054.D (-573) (-)

Ion 52.00 (51.70 to 52.70): VY000054.D (-573) (-)

Ion 51.00 (50.70 to 51.70): VY000054.D (-573) (-)



#16

Acetone

Concen: 229.990 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000070.D

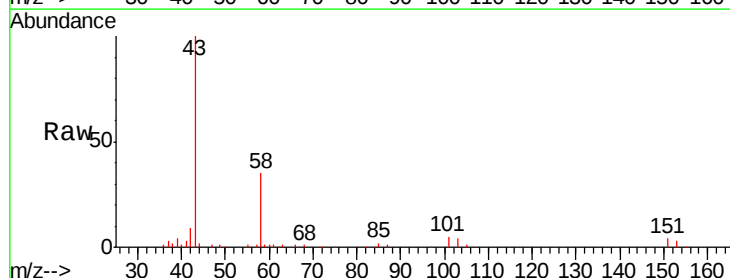
Acq: 19 Sep 2019 12:05

Tgt Ion: 43 Resp: 68766

Ion Ratio Lower Upper

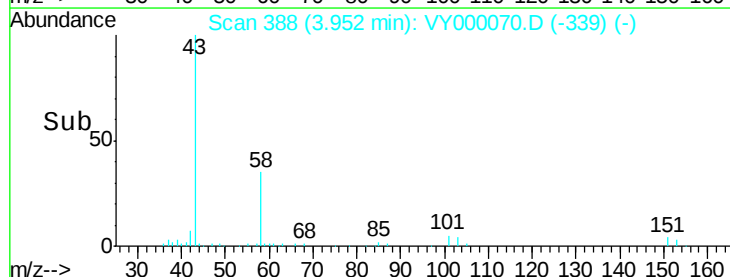
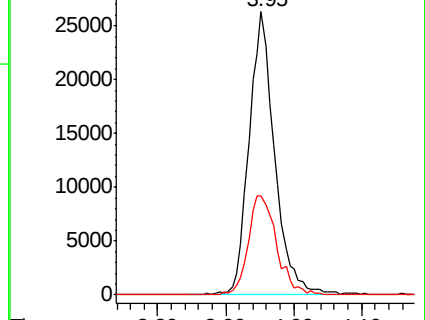
43 100

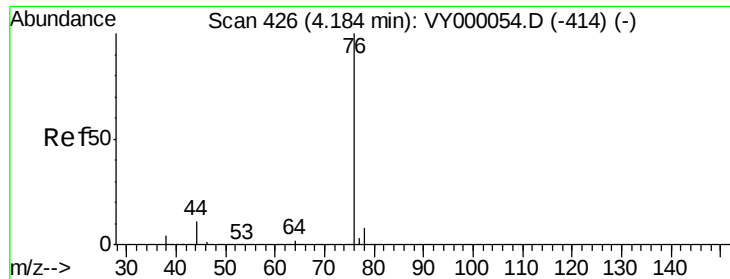
58 34.8 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VY000054.D (-371) (-)

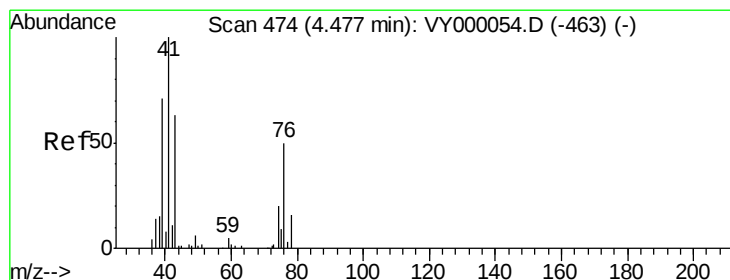
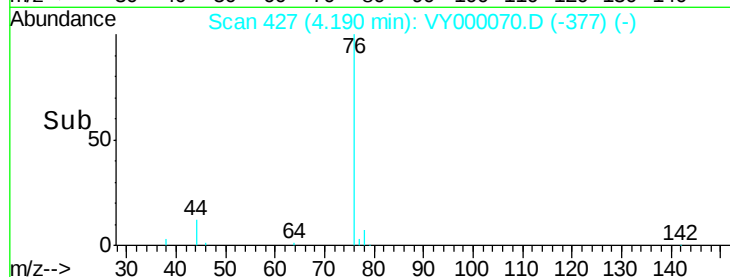
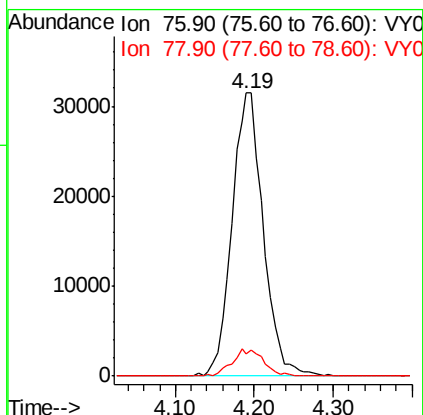
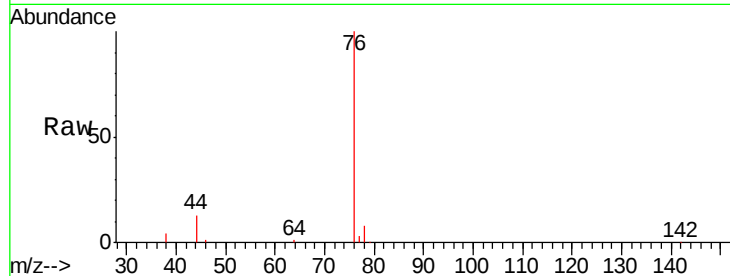




#17
Carbon Disulfide
Concen: 44.712 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

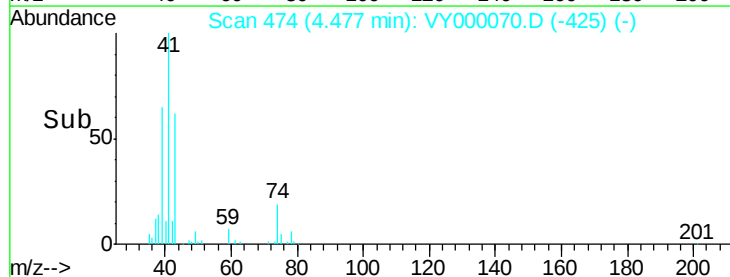
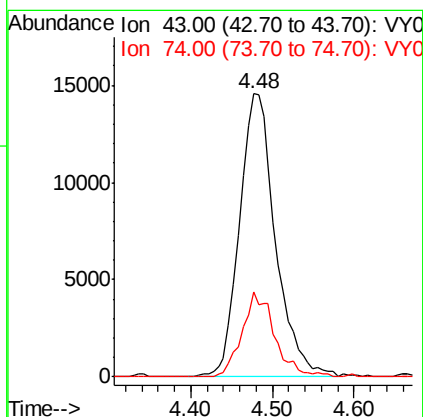
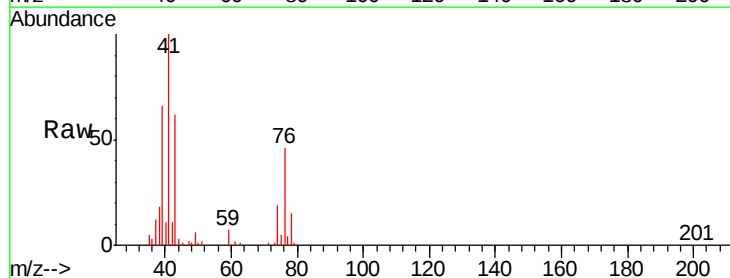
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

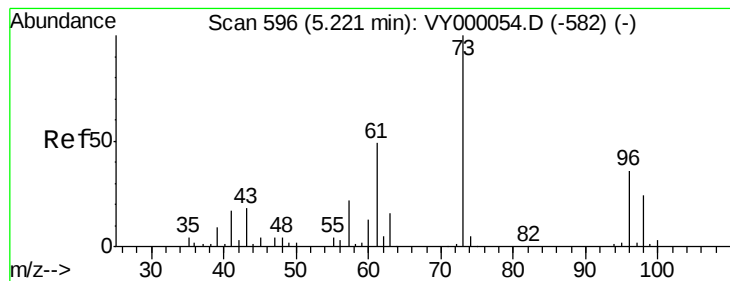
Tgt Ion: 76 Resp: 86372
Ion Ratio Lower Upper
76 100
78 8.1 6.6 9.8



#18
Methyl Acetate
Concen: 44.675 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 43 Resp: 44627
Ion Ratio Lower Upper
43 100
74 27.2 24.1 36.1



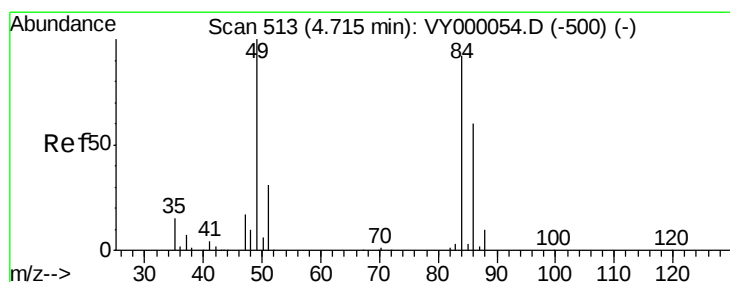
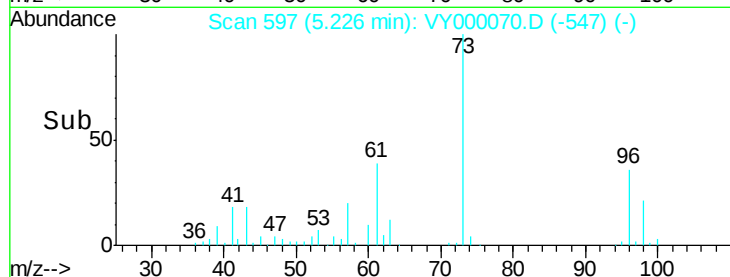
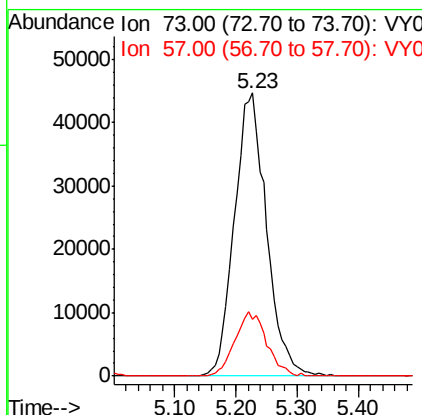
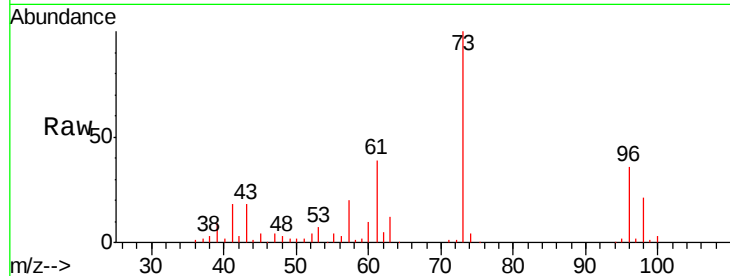


#19

Methyl tert-butyl Ether
 Concen: 47.631 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

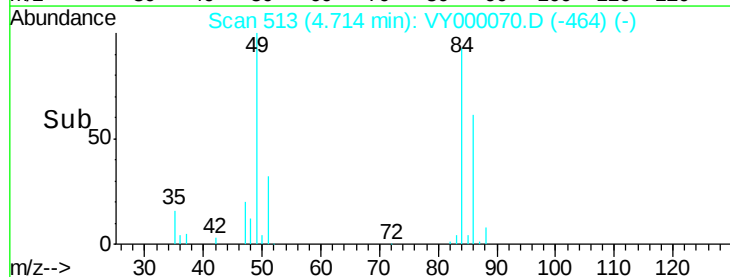
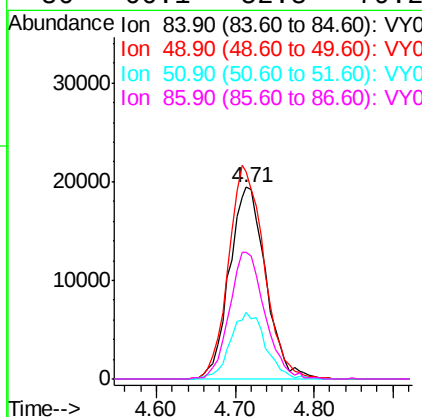
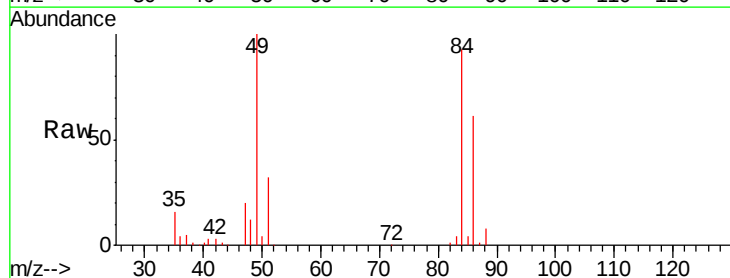
Tgt Ion: 73 Resp: 162107
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.5 26.3

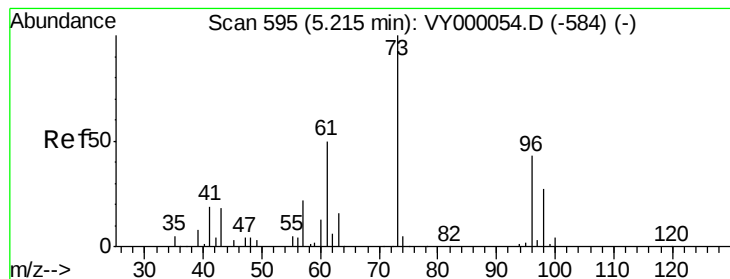


#20

Methylene Chloride
 Concen: 44.387 ug/l
 RT: 4.71 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 84 Resp: 62432
 Ion Ratio Lower Upper
 84 100
 49 108.1 87.4 131.0
 51 34.7 27.2 40.8
 86 66.1 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 43.523 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

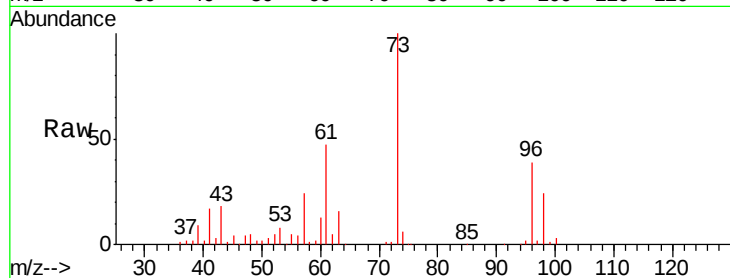
Tgt Ion: 96 Resp: 52690

Ion Ratio Lower Upper

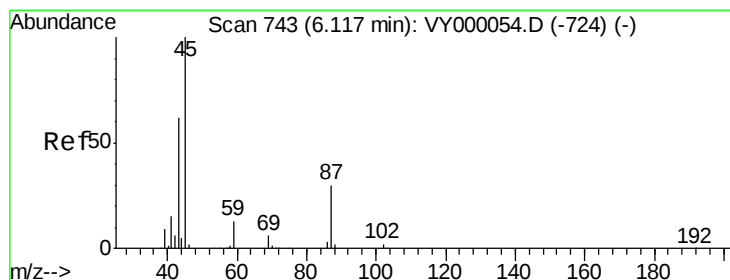
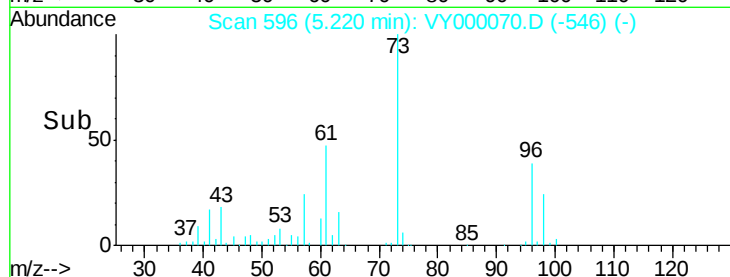
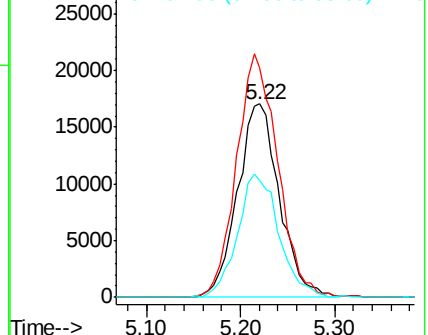
96 100

61 118.0 94.0 141.0

98 60.2 50.3 75.5



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



#22

Diisopropyl ether

Concen: 47.425 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Tgt Ion: 45 Resp: 178352

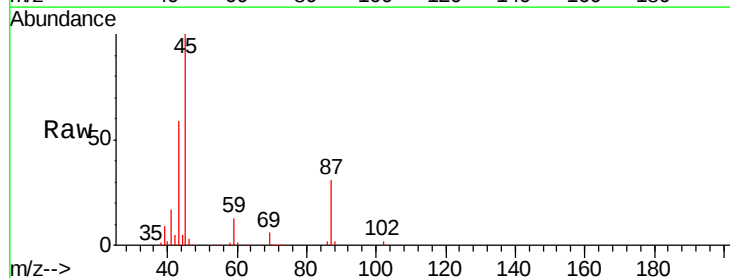
Ion Ratio Lower Upper

45 100

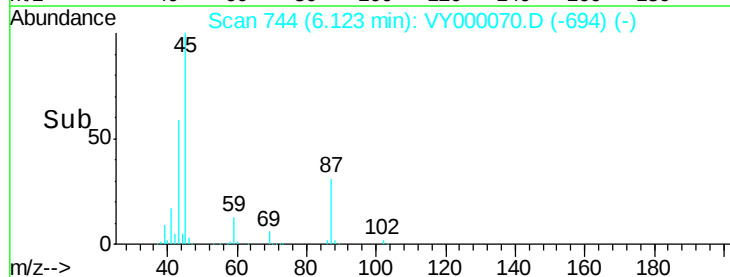
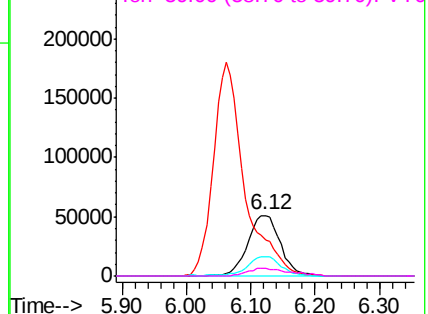
43 58.7 49.9 74.9

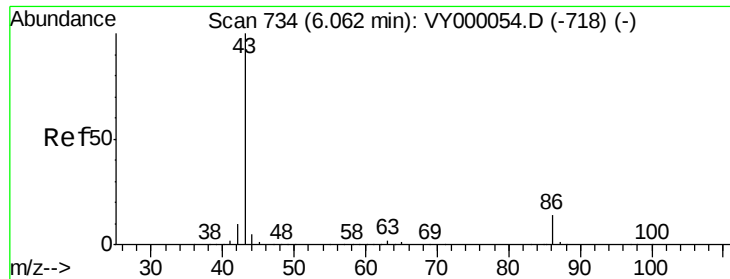
87 31.5 25.0 37.4

59 12.3 10.4 15.6



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: 243.088 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

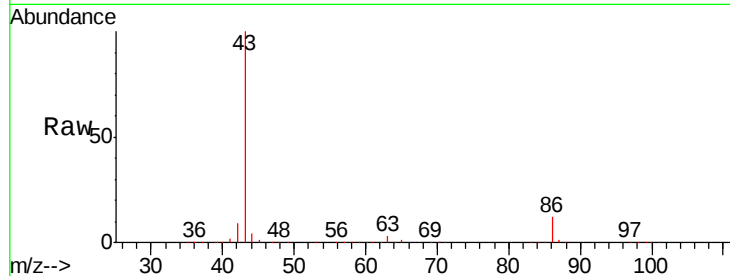
VSTDCCC050

Tgt Ion: 43 Resp: 611851

Ion Ratio Lower Upper

43 100

86 12.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.06

200000

150000

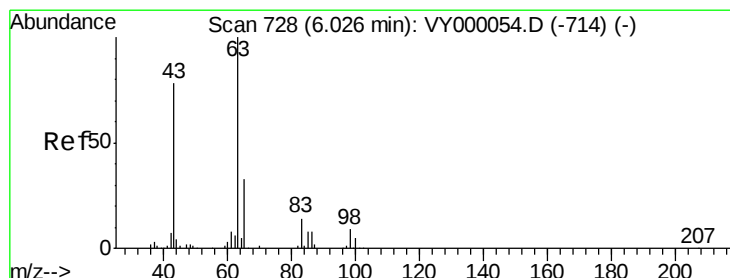
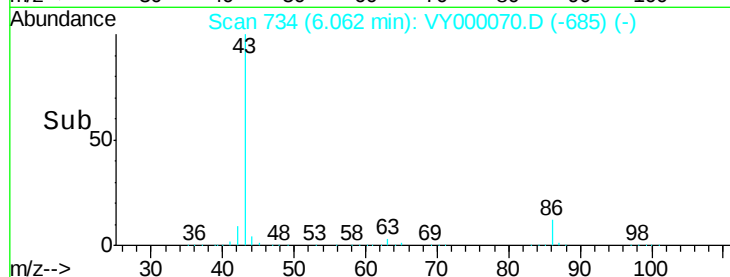
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 46.277 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

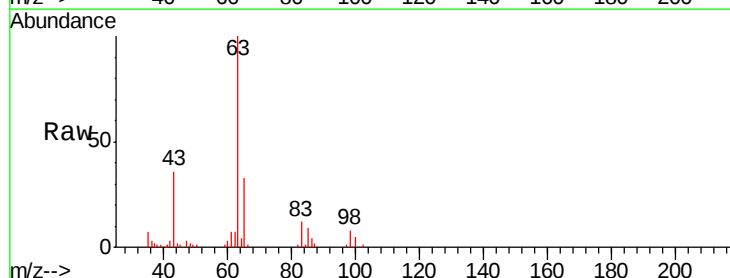
Tgt Ion: 63 Resp: 103008

Ion Ratio Lower Upper

63 100

98 7.7 4.5 13.5

100 5.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

40000

30000

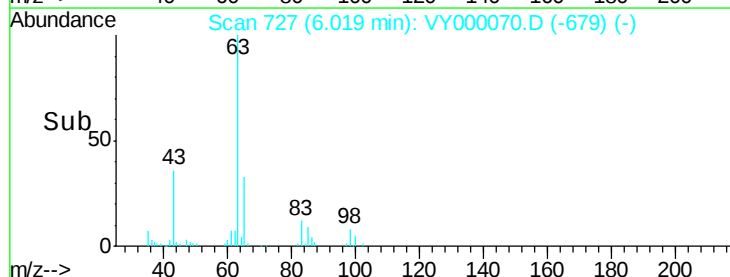
20000

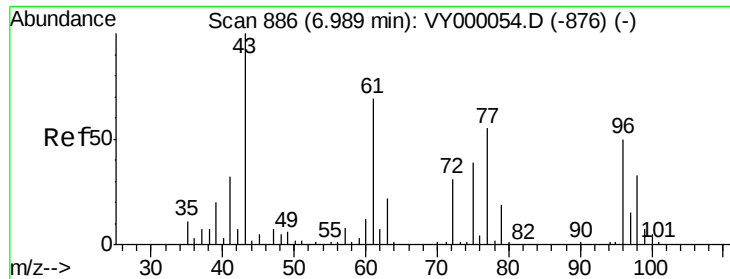
10000

0

5.90 6.10 6.20

Time-->





#25

2-Butanone

Concen: 230.917 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

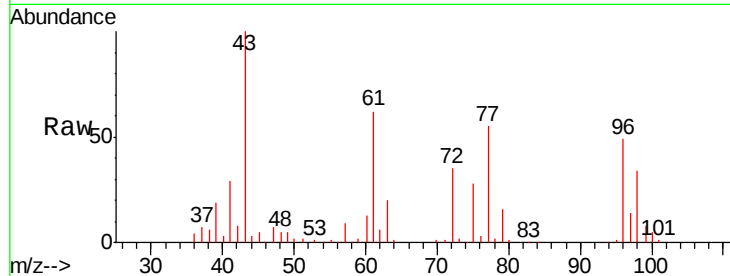
VSTDCCC050

Tgt Ion: 43 Resp: 125055

Ion Ratio Lower Upper

43 100

72 35.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

50000

40000

30000

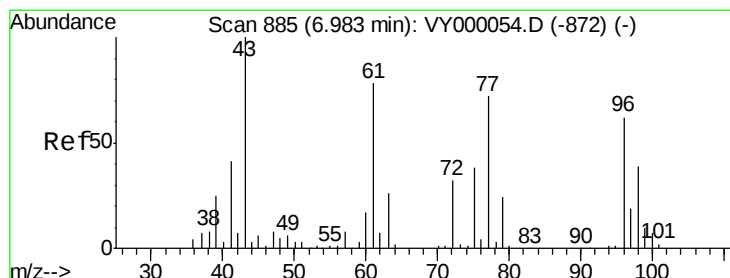
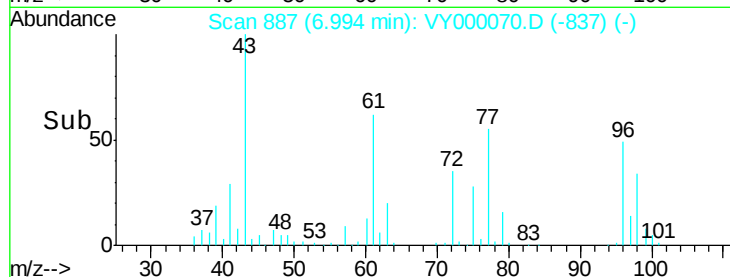
20000

10000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 43.073 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000070.D

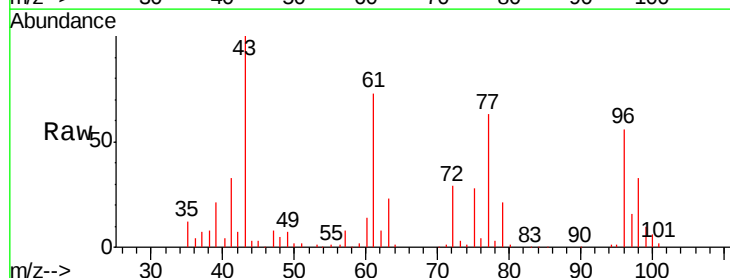
Acq: 19 Sep 2019 12:05

Tgt Ion: 77 Resp: 90481

Ion Ratio Lower Upper

77 100

97 24.6 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

30000

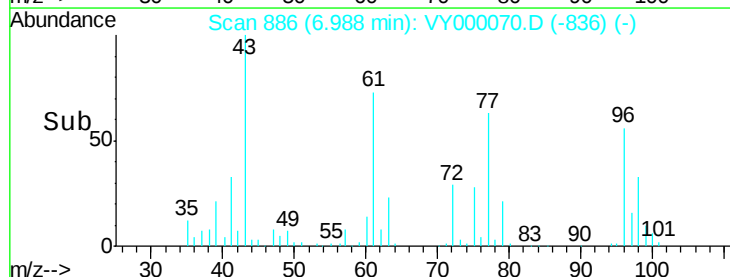
20000

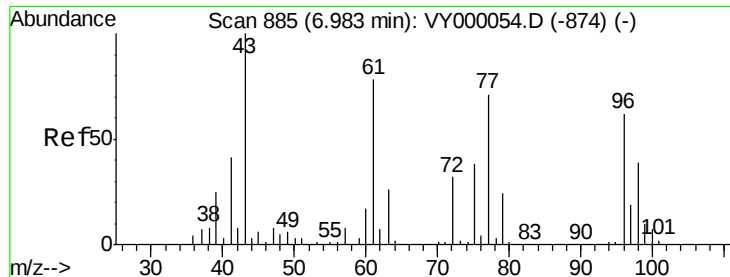
10000

0

6.80 6.90 7.00 7.10

Time-->



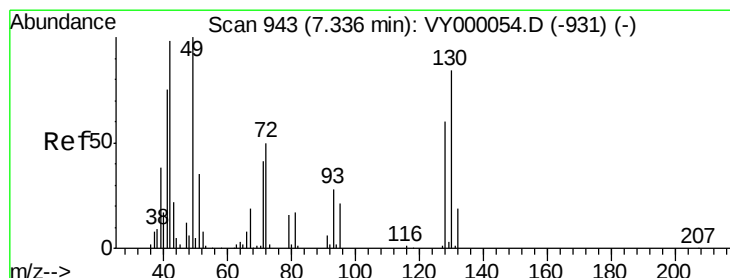
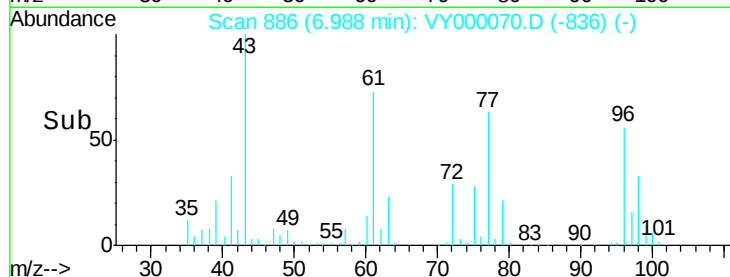
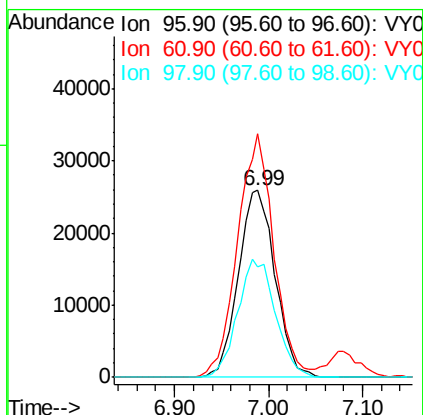
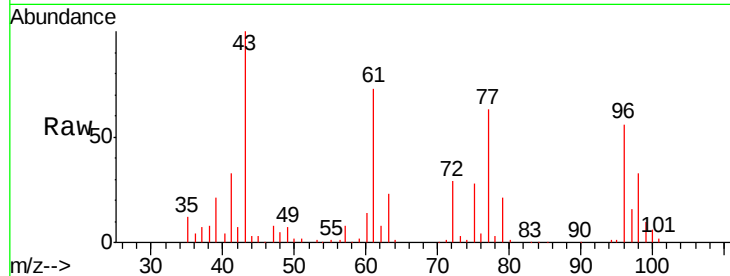


#27

cis-1,2-Dichloroethene
Concen: 46.261 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

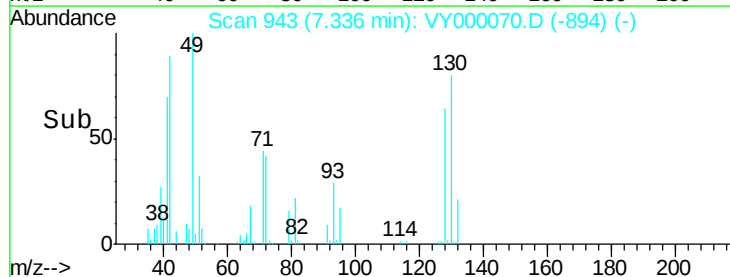
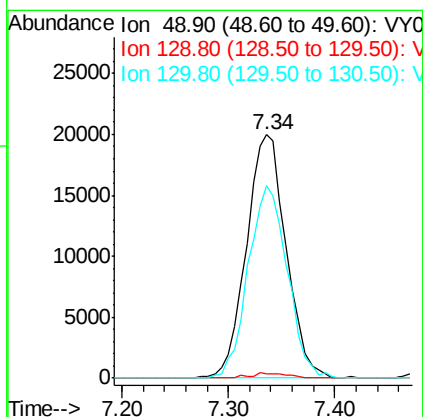
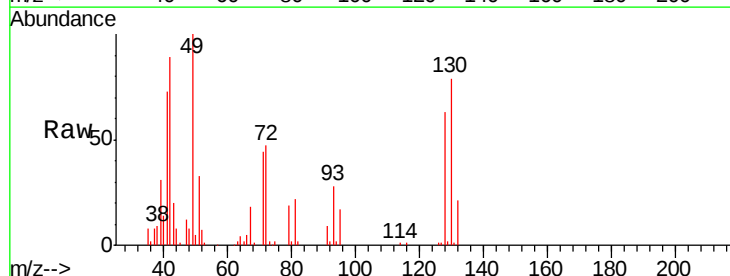
Tgt Ion: 96 Resp: 70909
Ion Ratio Lower Upper
96 100
61 128.5 0.0 263.0
98 64.8 0.0 130.2

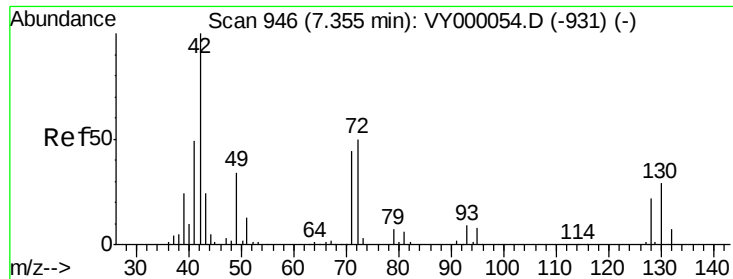


#28

Bromochloromethane
Concen: 50.625 ug/l
RT: 7.34 min Scan# 943
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 49 Resp: 52233
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 77.9 66.2 99.4

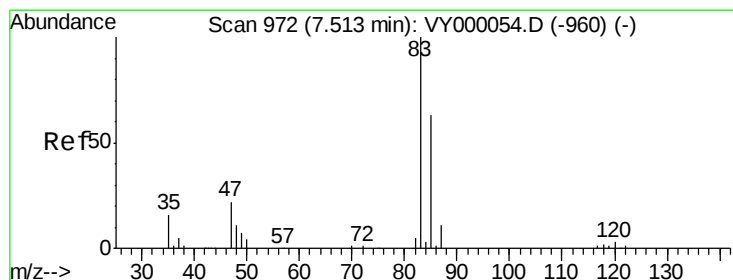
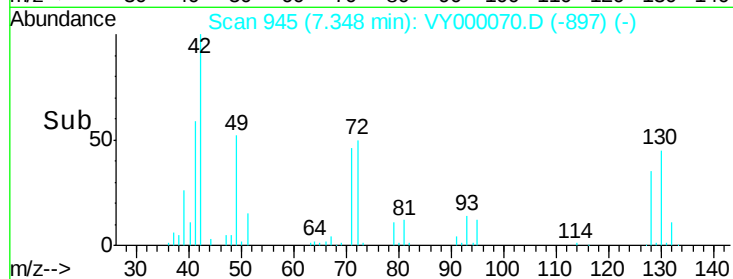
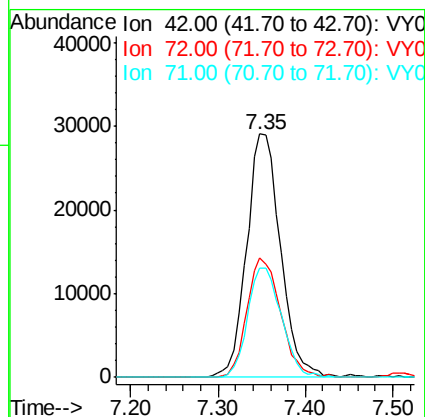
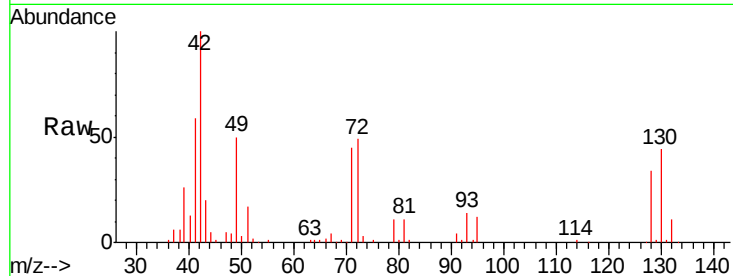




#29
Tetrahydrofuran
Concen: 240.961 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

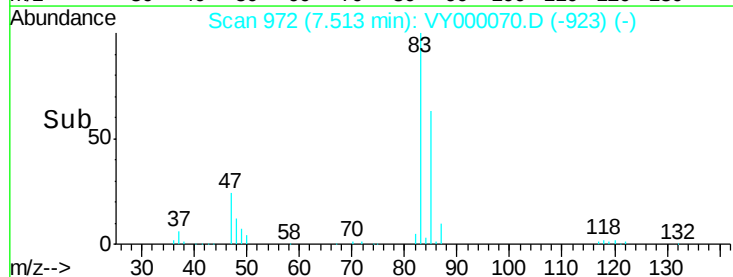
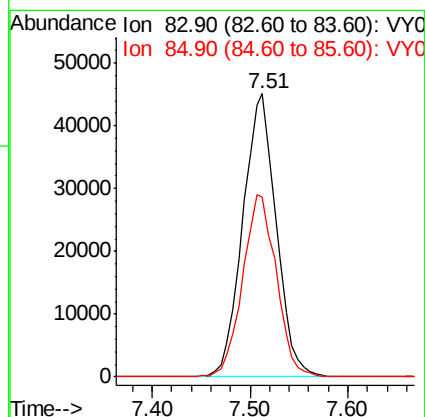
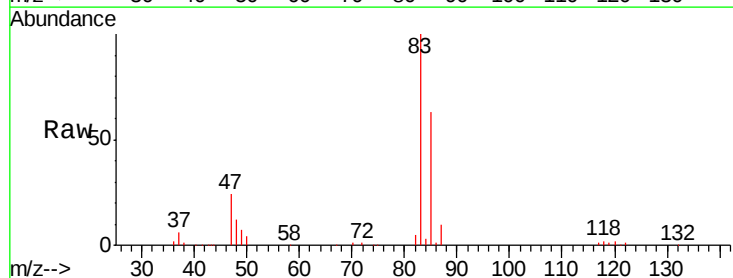
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

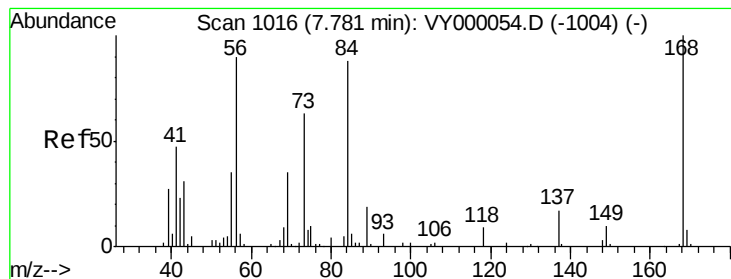
Tgt Ion: 42 Resp: 78339
Ion Ratio Lower Upper
42 100
72 48.7 41.8 62.6
71 45.0 38.6 58.0



#30
Chloroform
Concen: 46.510 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 83 Resp: 106837
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0





#31

Cyclohexane

Concen: 48.794 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

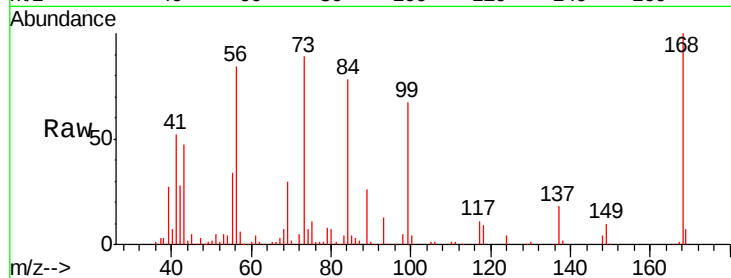
Tgt Ion: 56 Resp: 77241

Ion Ratio Lower Upper

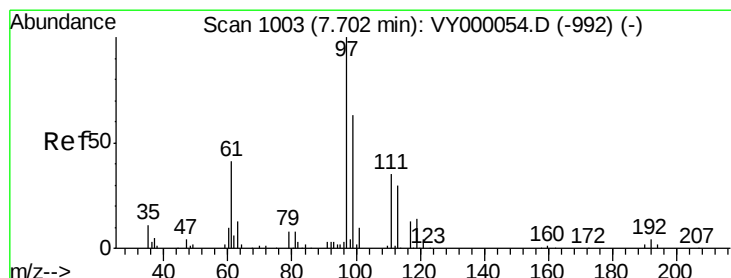
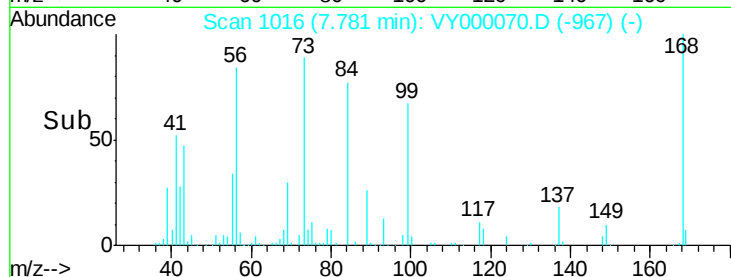
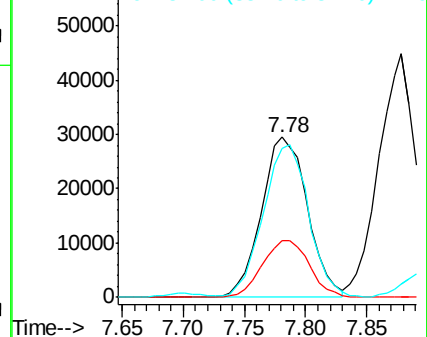
56 100

69 35.7 30.9 46.3

84 91.1 78.5 117.7



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



#32

1,1,1-Trichloroethane

Concen: 46.636 ug/l

RT: 7.71 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

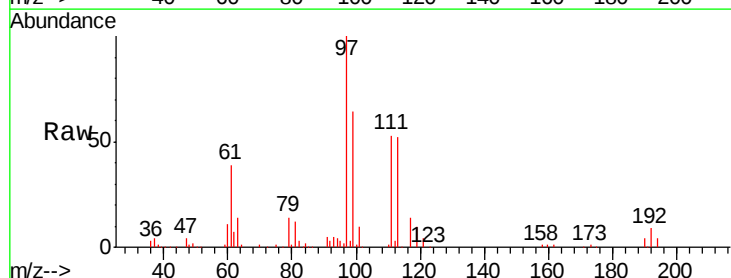
Tgt Ion: 97 Resp: 87013

Ion Ratio Lower Upper

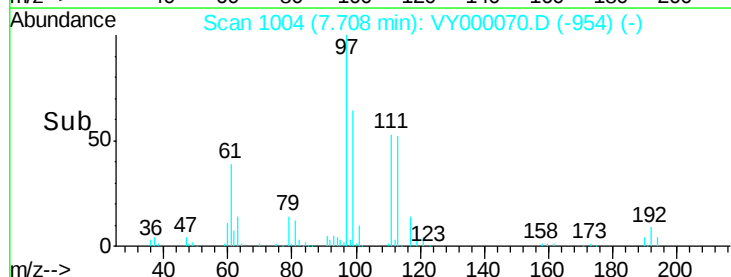
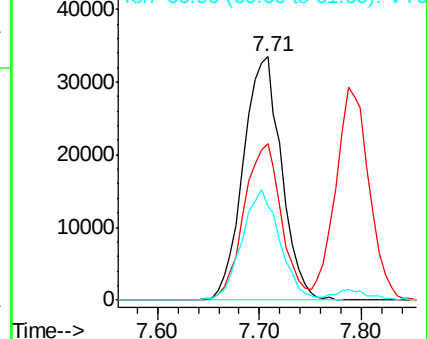
97 100

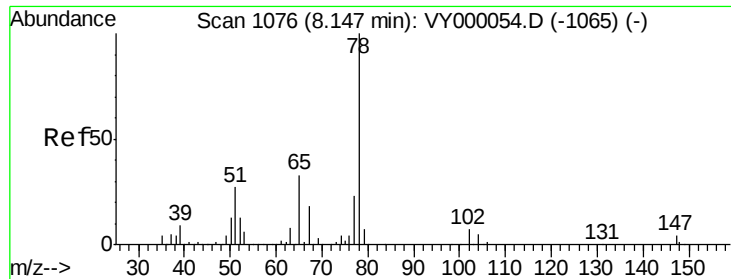
99 63.4 51.8 77.6

61 44.9 34.3 51.5



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

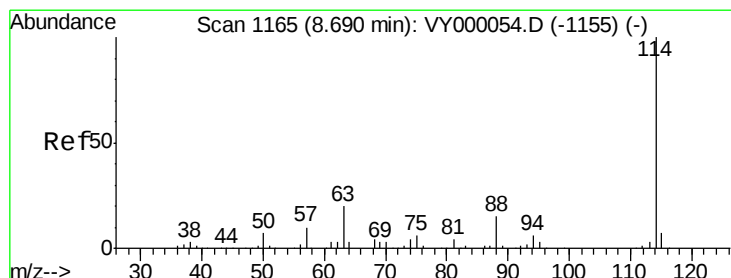
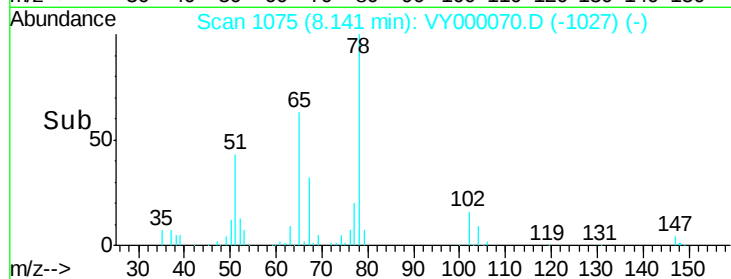
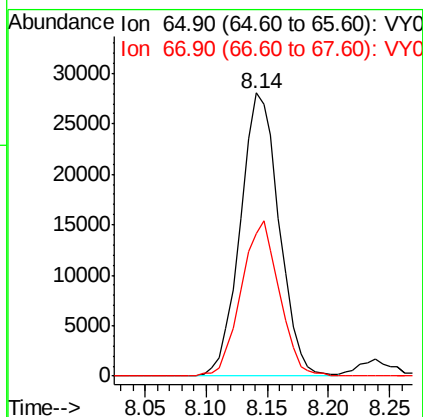
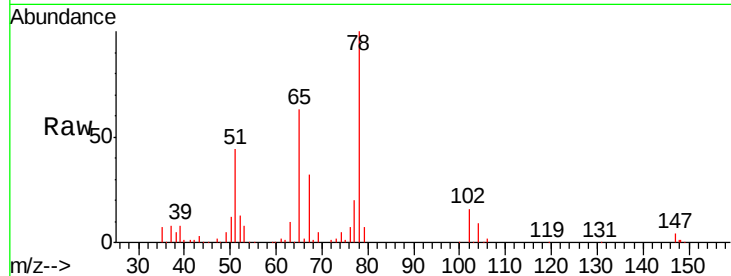




#33
 1,2-Dichloroethane-d4
 Concen: 48.137 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

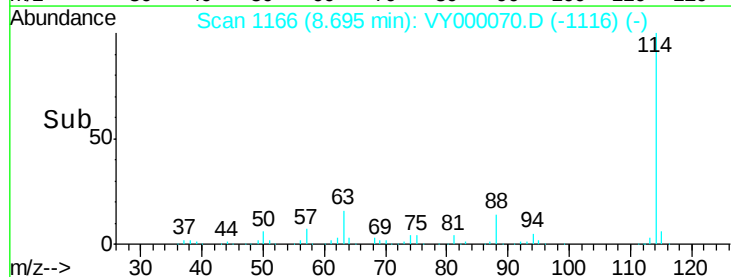
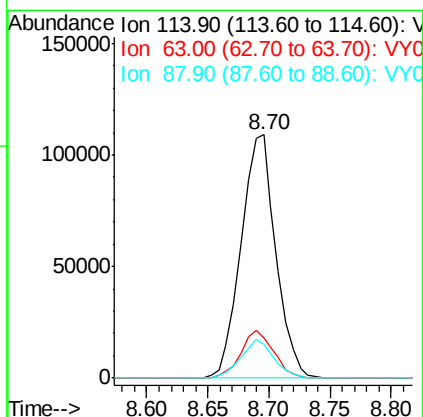
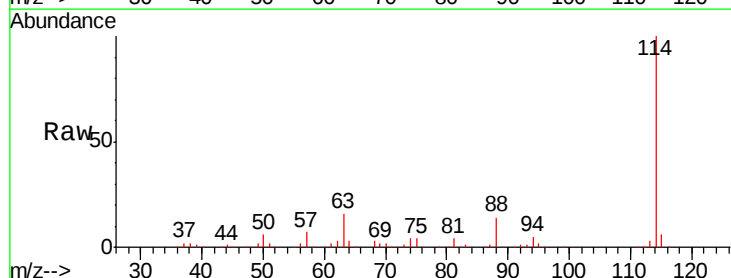
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

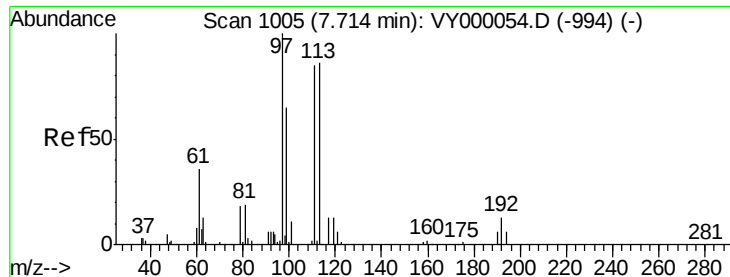
Tgt Ion: 65 Resp: 61816
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 114 Resp: 214672
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 39.4
 88 13.8 0.0 30.2

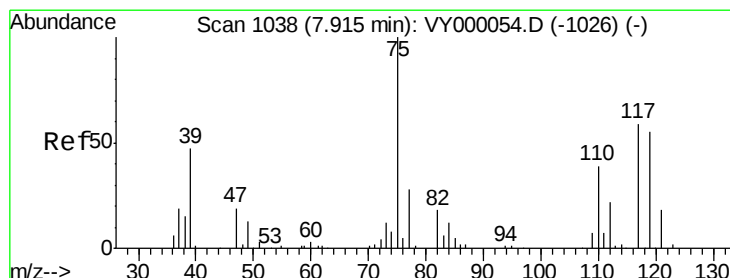
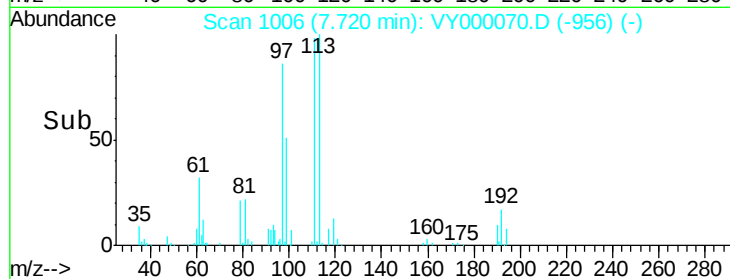
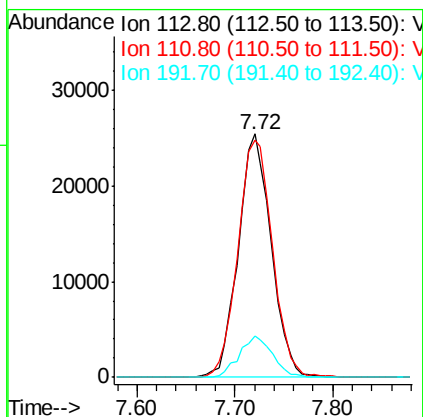
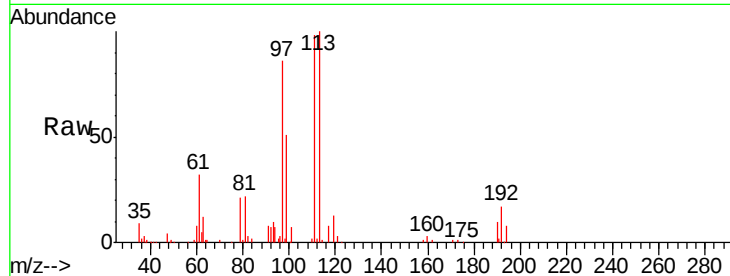




#35
 Dibromofluoromethane
 Concen: 45.543 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

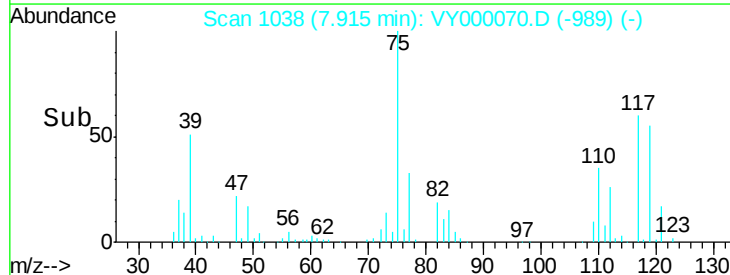
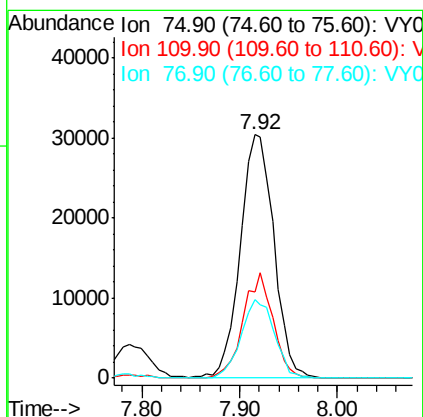
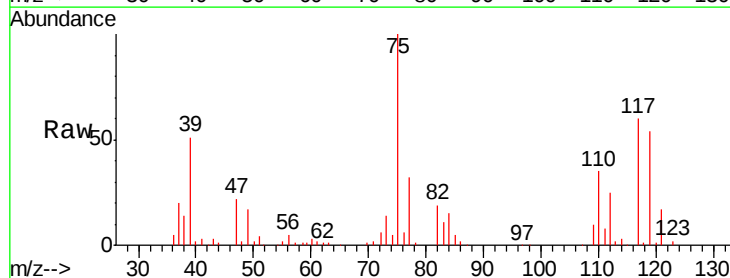
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

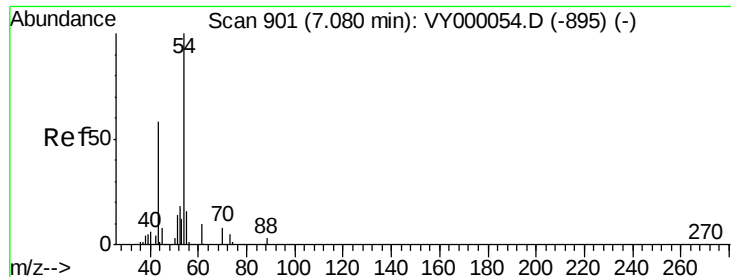
Tgt Ion: 113 Resp: 59196
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 17.3 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 45.035 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 75 Resp: 72289
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.6 58.7
 77 32.3 24.3 36.5

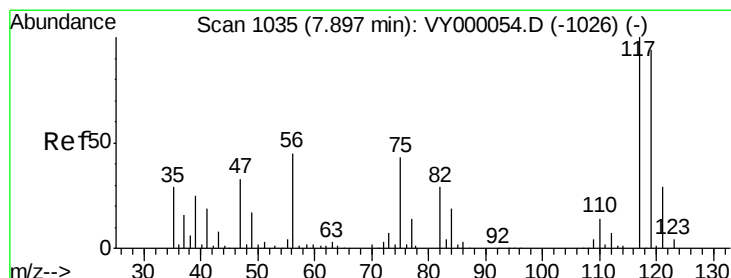
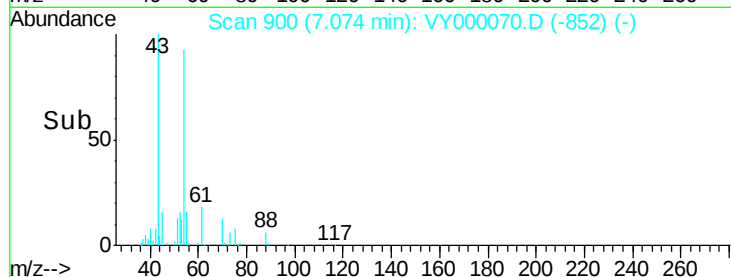
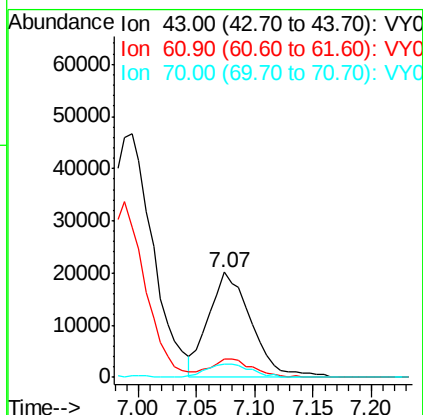
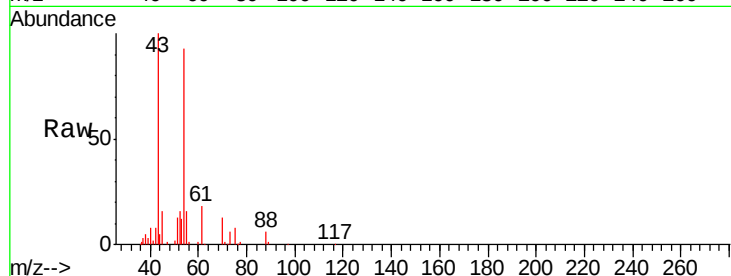




#37
Ethyl Acetate
Concen: 47.996 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

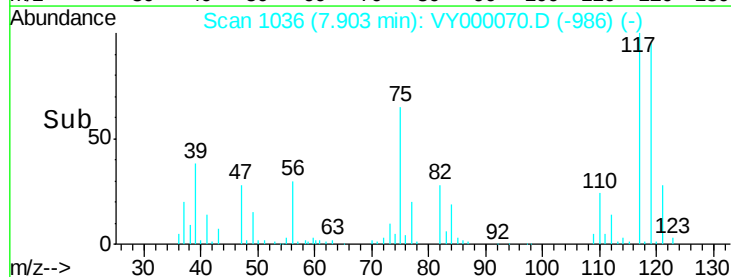
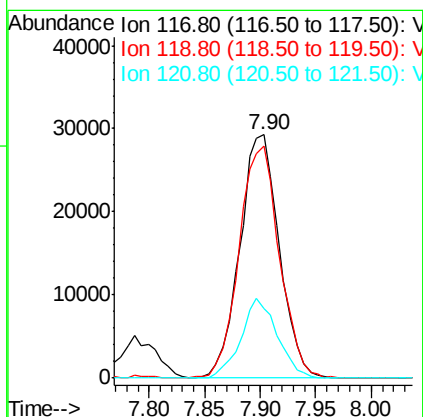
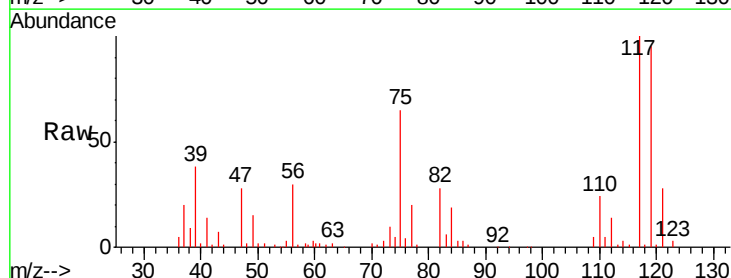
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

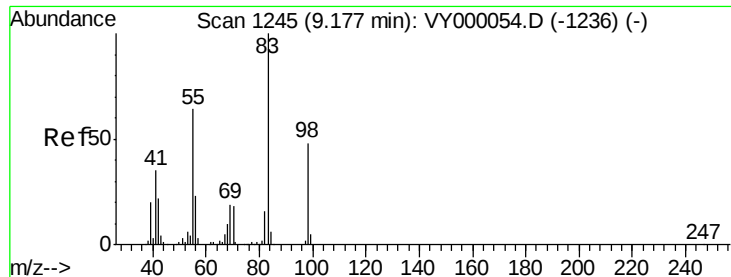
Tgt Ion: 43 Resp: 51353
Ion Ratio Lower Upper
43 100
61 16.6 14.1 21.1
70 13.4 10.6 15.8



#38
Carbon Tetrachloride
Concen: 47.573 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 117 Resp: 72071
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.6
121 28.3 22.8 34.2

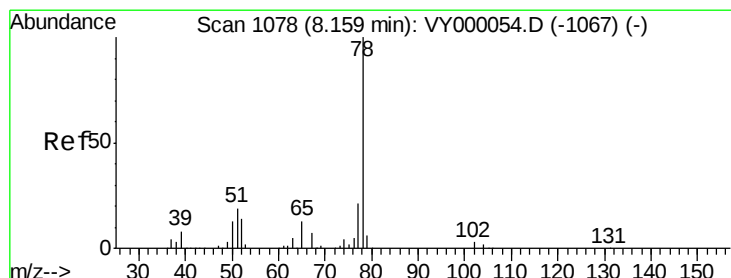
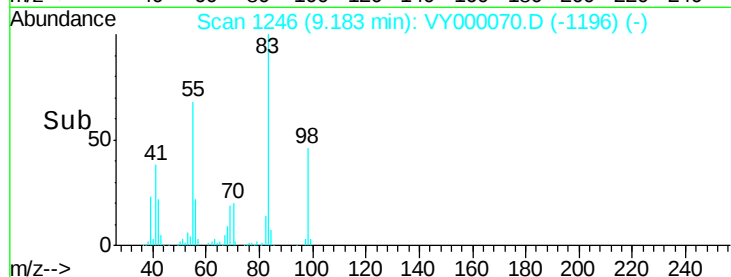
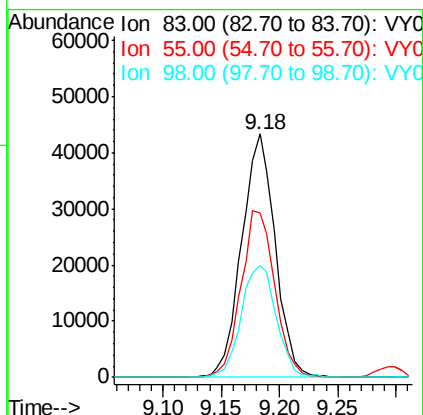
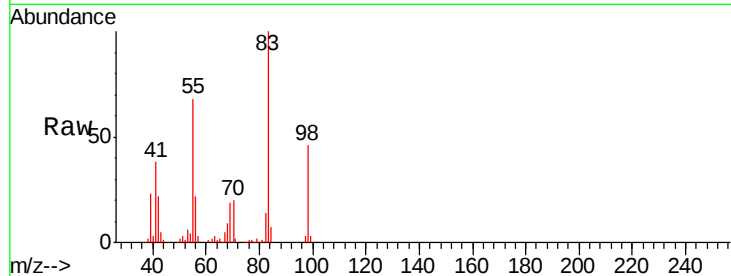




#39
Methylcyclohexane
Concen: 44.043 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

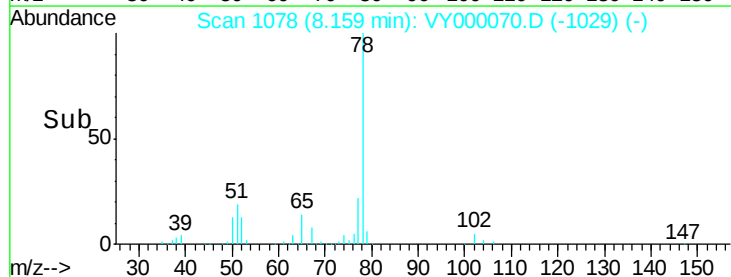
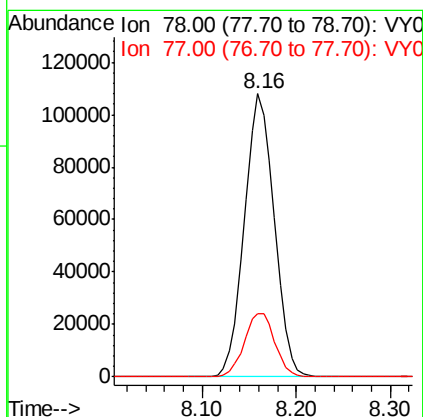
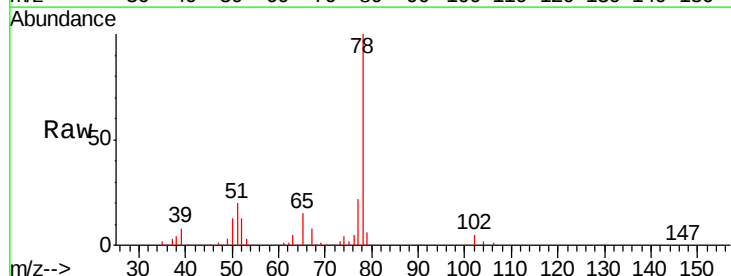
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

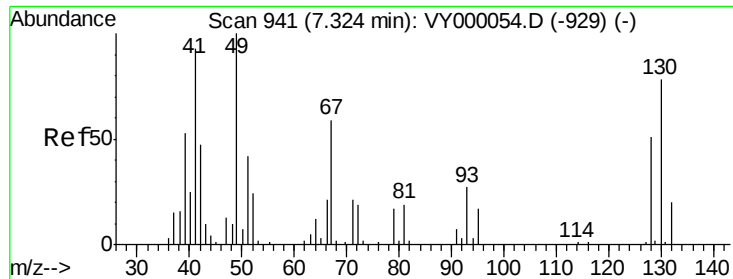
Tgt Ion: 83 Resp: 86929
Ion Ratio Lower Upper
83 100
55 67.7 51.0 76.6
98 45.9 38.5 57.7



#40
Benzene
Concen: 45.297 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 78 Resp: 240146
Ion Ratio Lower Upper
78 100
77 22.2 16.8 25.2

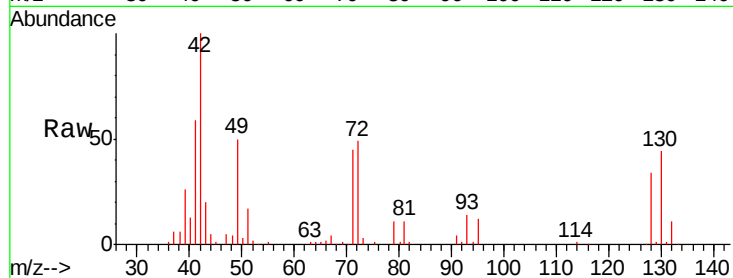




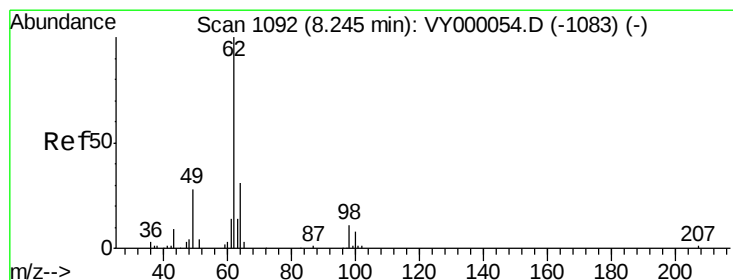
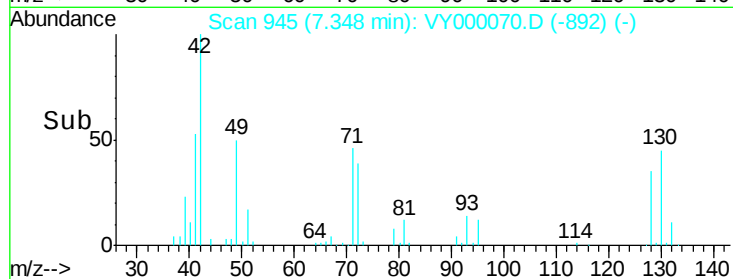
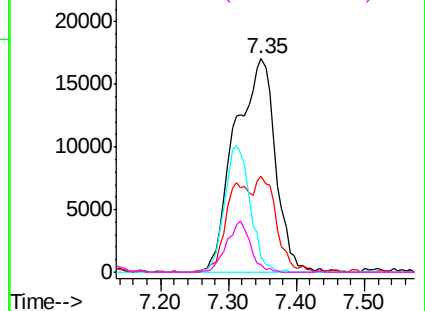
#41
Methacrylonitrile
Concen: 97.624 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 70940
Ion Ratio Lower Upper
41 100
39 0.0 91.8 137.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

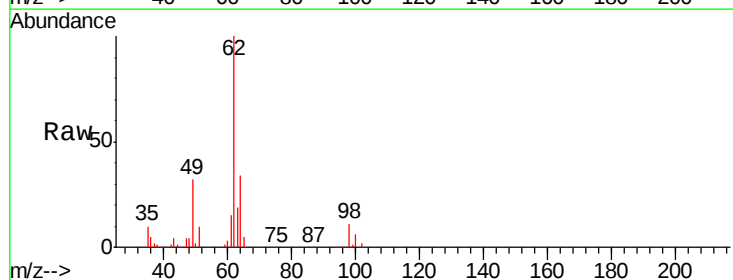


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

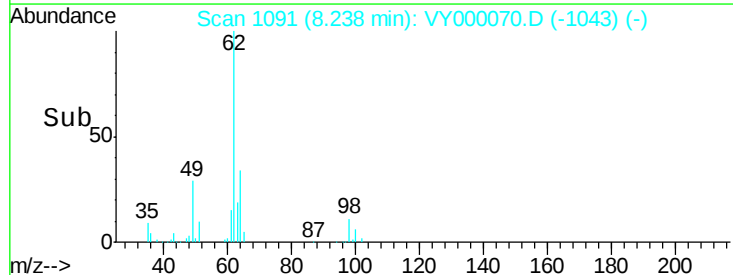
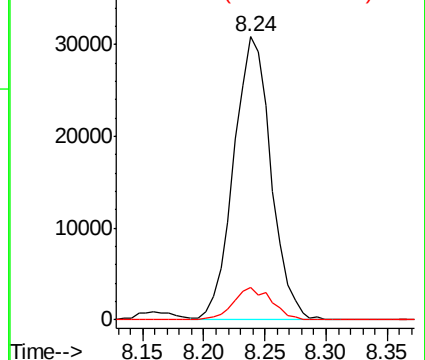


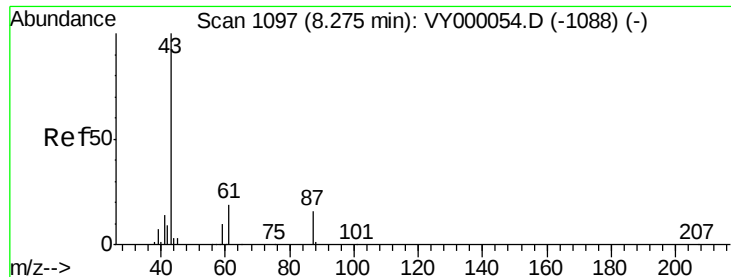
#42
1,2-Dichloroethane
Concen: 46.530 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 62 Resp: 65342
Ion Ratio Lower Upper
62 100
98 11.6 0.0 23.6



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

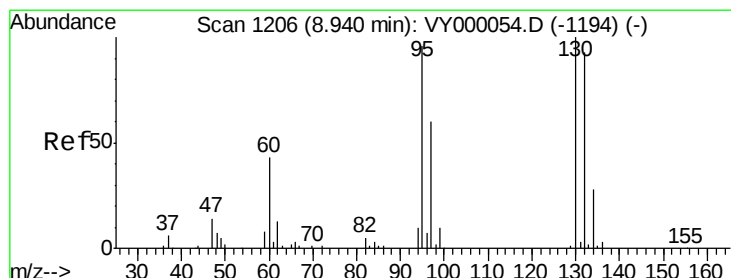
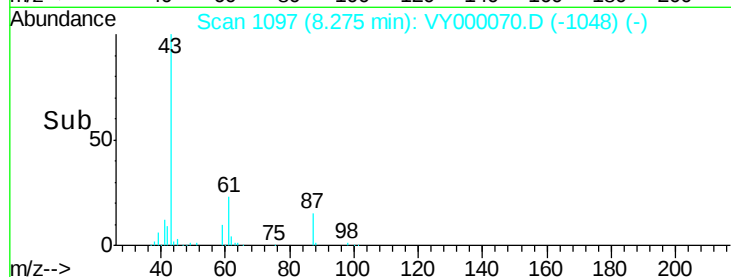
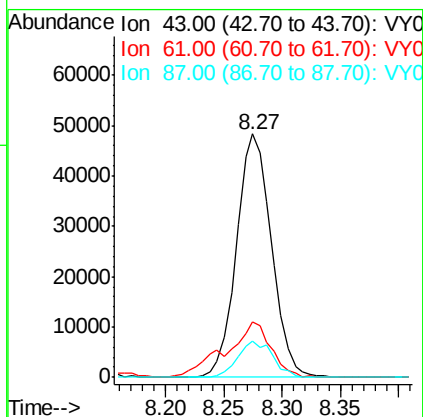
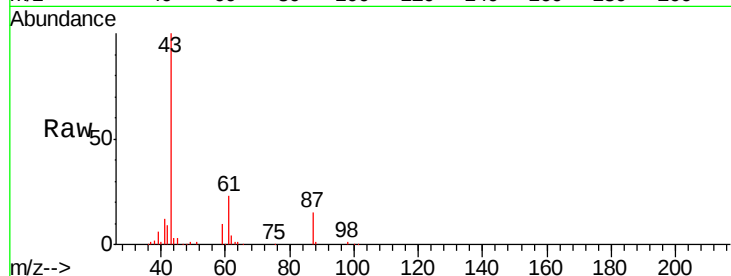




#43
Isopropyl Acetate
Concen: 47.978 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

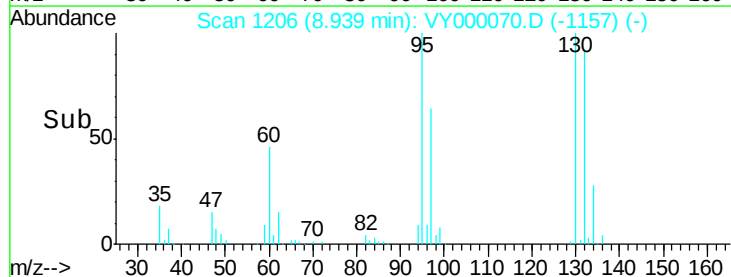
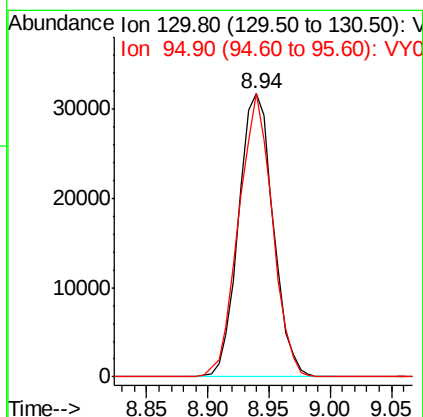
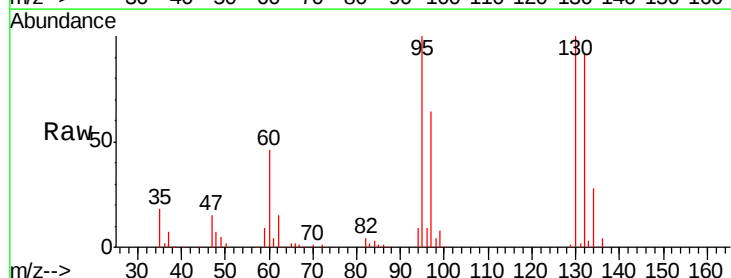
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

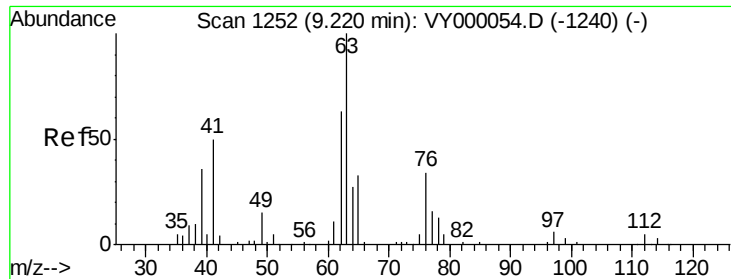
Tgt Ion: 43 Resp: 100394
Ion Ratio Lower Upper
43 100
61 29.9 25.0 37.6
87 14.8 12.4 18.6



#44
Trichloroethene
Concen: 46.073 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 130 Resp: 62402
Ion Ratio Lower Upper
130 100
95 99.9 0.0 192.0

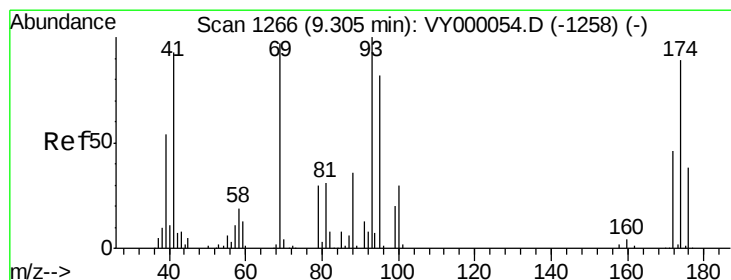
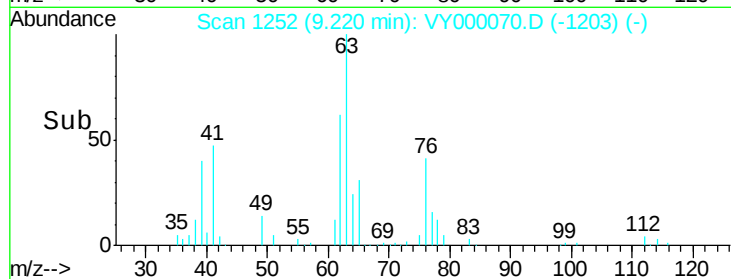
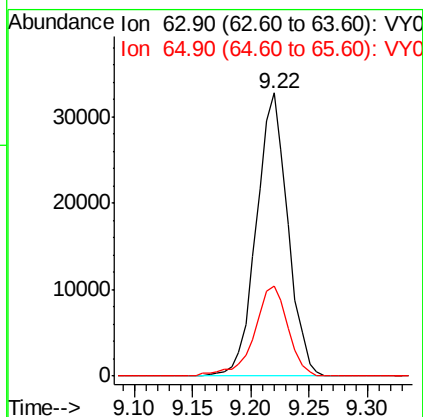
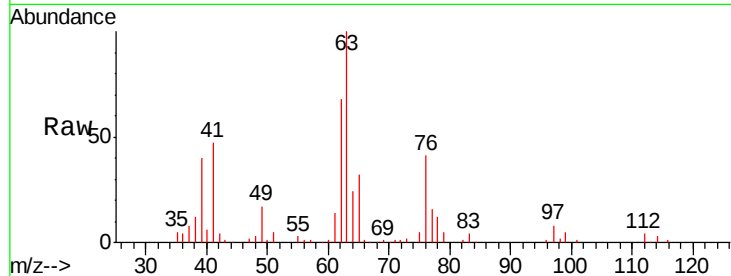




#45
 1,2-Dichloropropane
 Concen: 44.850 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

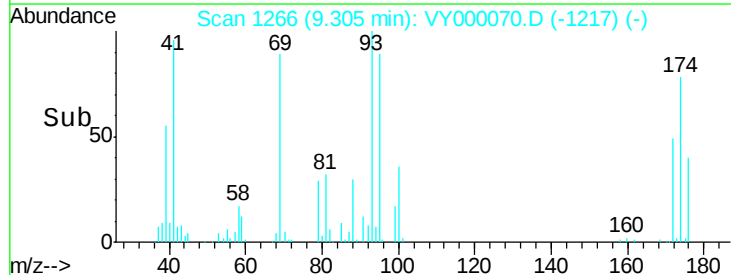
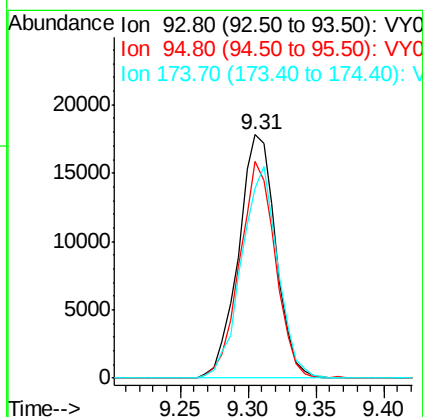
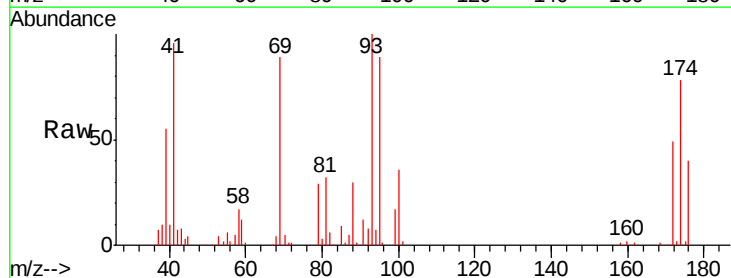
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

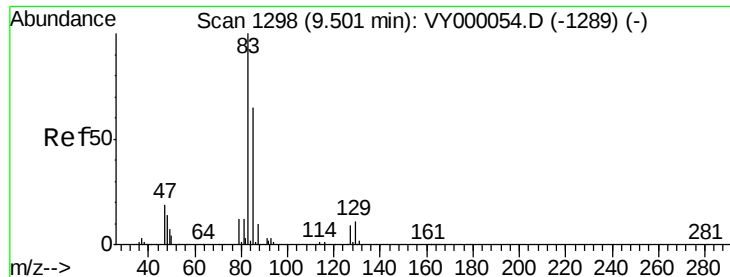
Tgt Ion: 63 Resp: 61595
 Ion Ratio Lower Upper
 63 100
 65 32.0 26.2 39.4



#46
 Dibromomethane
 Concen: 45.608 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 93 Resp: 34213
 Ion Ratio Lower Upper
 93 100
 95 85.0 68.1 102.1
 174 84.6 67.8 101.6





#47

Bromodichloromethane

Concen: 47.407 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

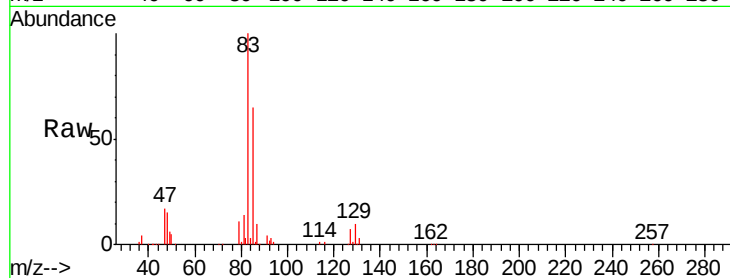
Tgt Ion: 83 Resp: 86296

Ion Ratio Lower Upper

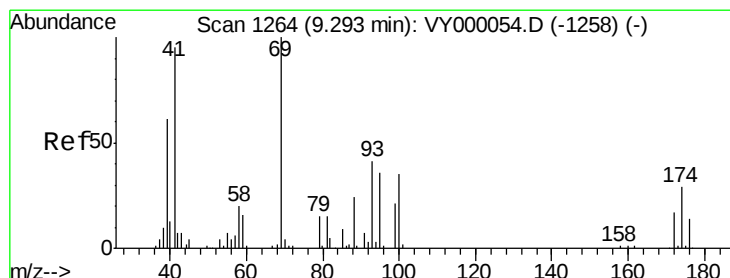
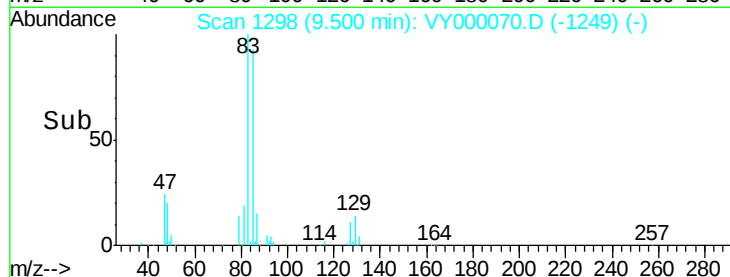
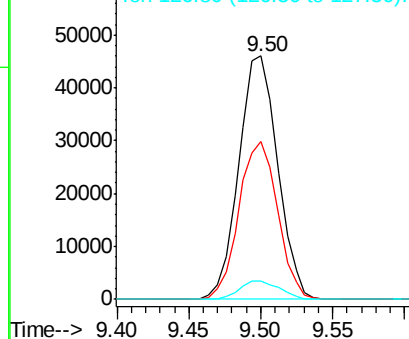
83 100

85 64.8 52.3 78.5

127 7.4 6.8 10.2



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



#48

Methyl methacrylate

Concen: 47.712 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

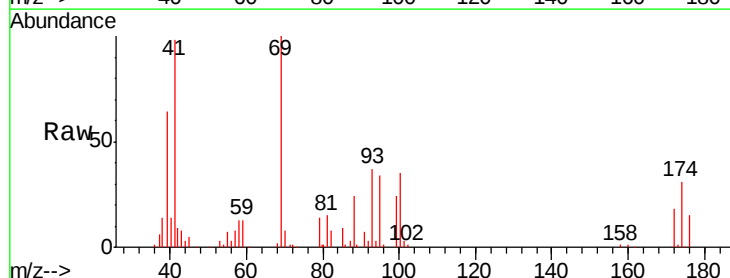
Tgt Ion: 41 Resp: 43908

Ion Ratio Lower Upper

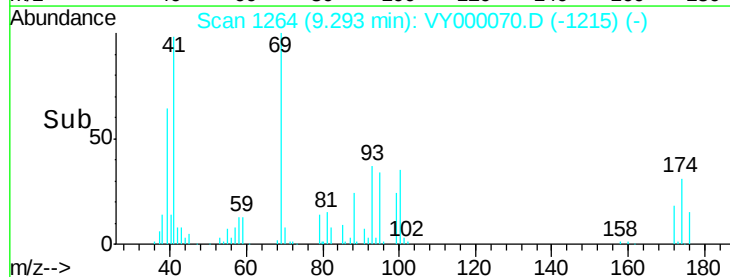
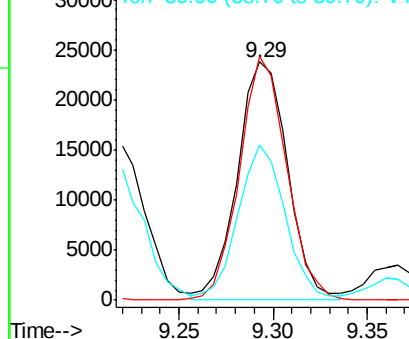
41 100

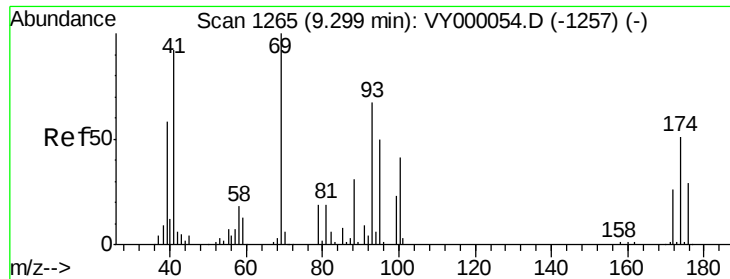
69 96.0 78.1 117.1

39 61.7 49.4 74.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

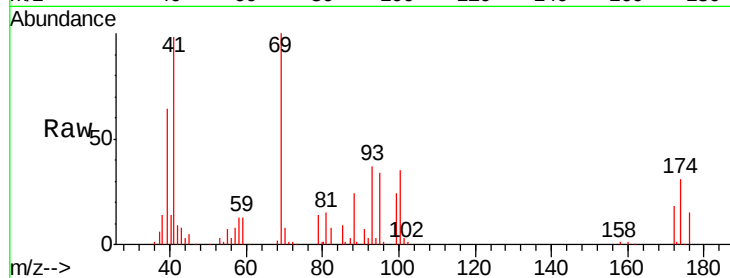




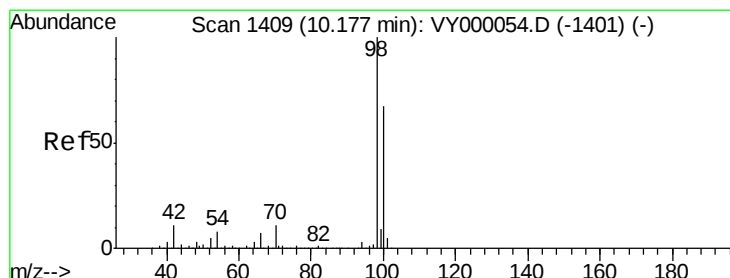
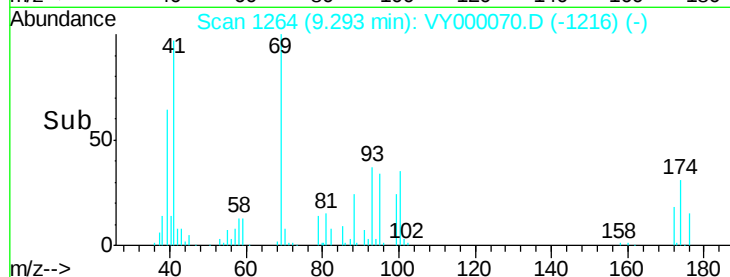
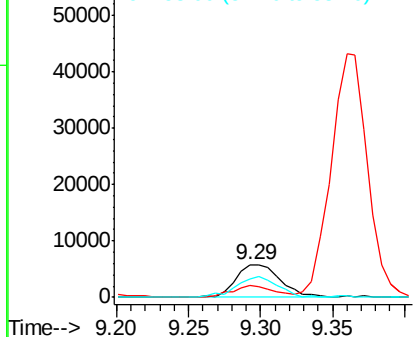
#49
1,4-Dioxane
Concen: 857.702 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 12492
Ion Ratio Lower Upper
88 100
43 33.8 18.7 28.1#
58 59.1 53.0 79.6

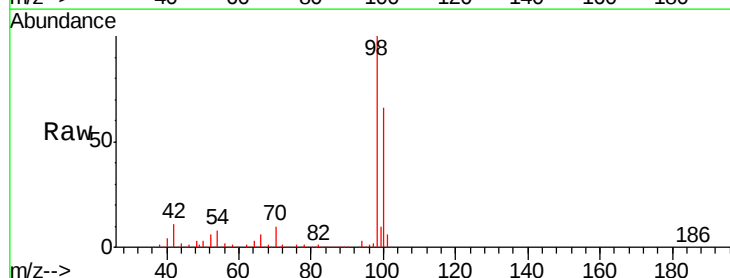


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

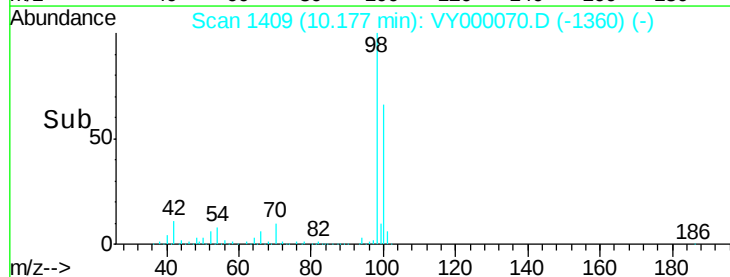
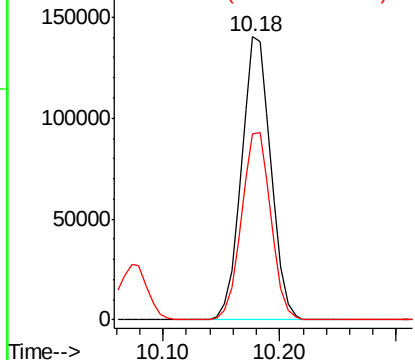


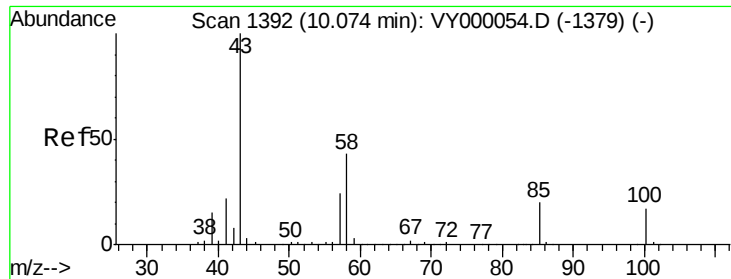
#50
Toluene-d8
Concen: 48.206 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 98 Resp: 246099
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 244.215 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

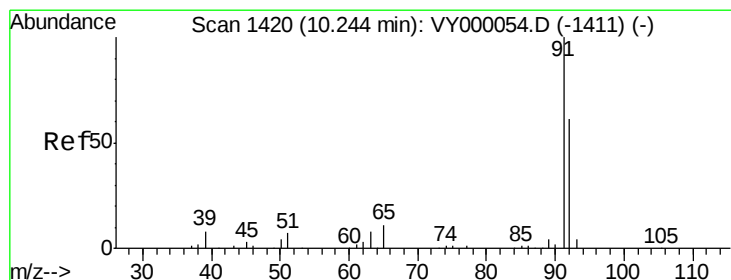
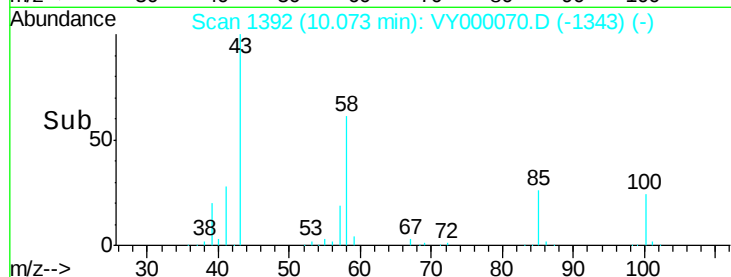
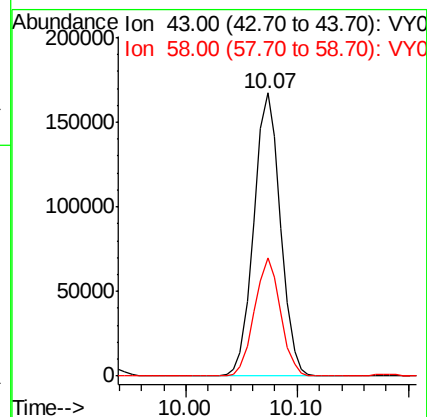
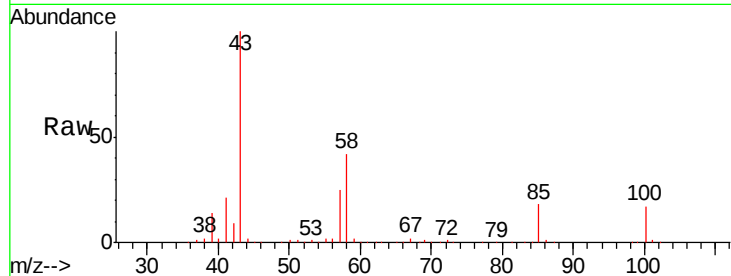
VSTDCCC050

Tgt Ion: 43 Resp: 279013

Ion Ratio Lower Upper

43 100

58 40.9 34.2 51.2



#52

Toluene

Concen: 45.834 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000070.D

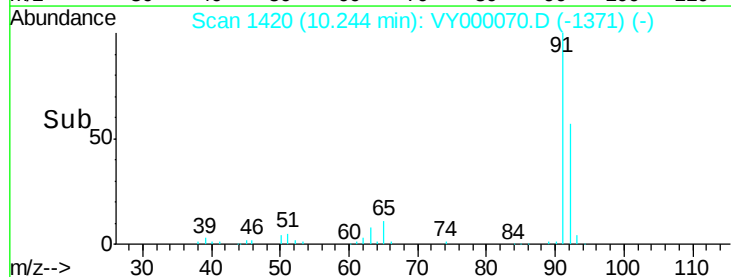
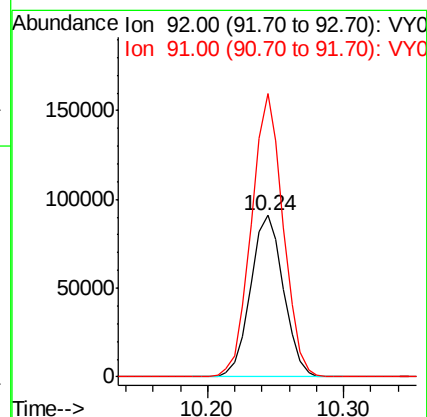
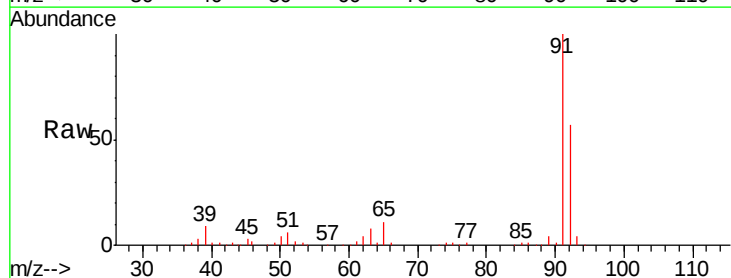
Acq: 19 Sep 2019 12:05

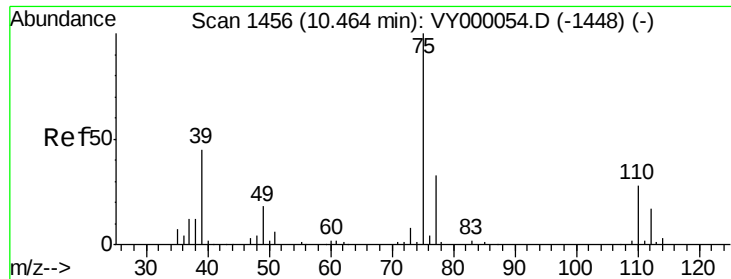
Tgt Ion: 92 Resp: 154385

Ion Ratio Lower Upper

92 100

91 169.2 135.8 203.6

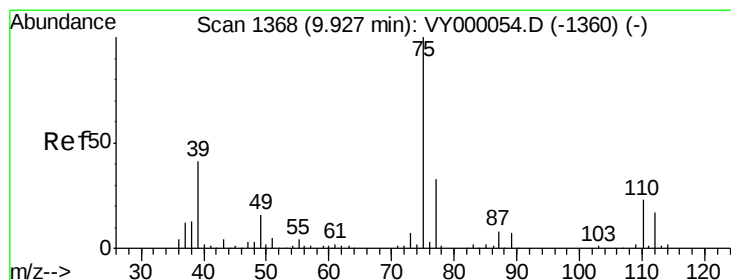
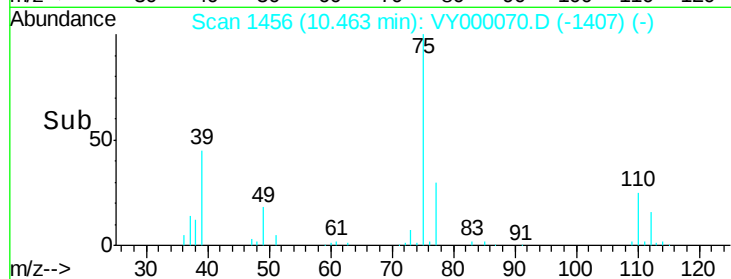
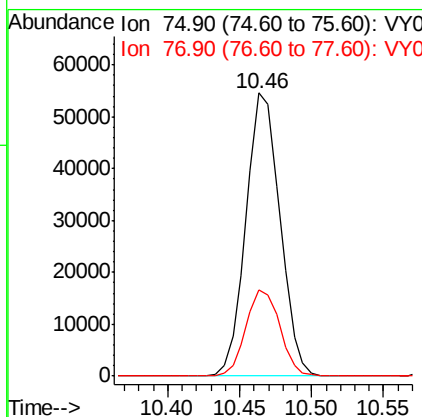
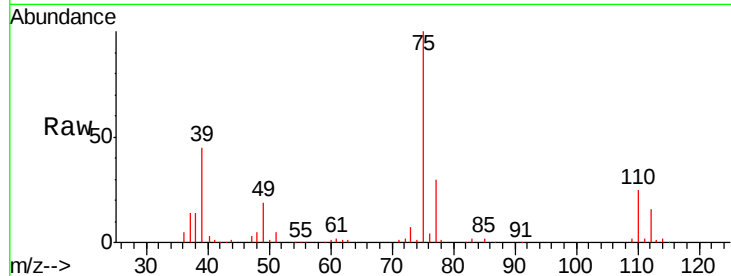




#53
t-1,3-Dichloropropene
Concen: 46.119 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

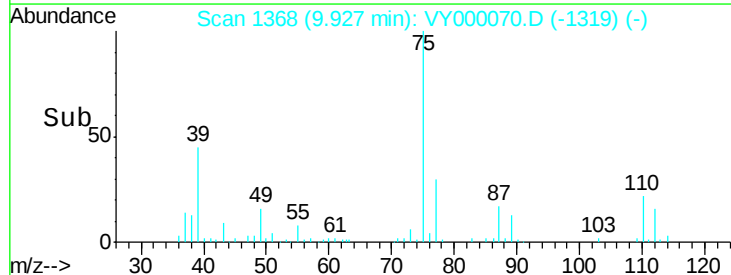
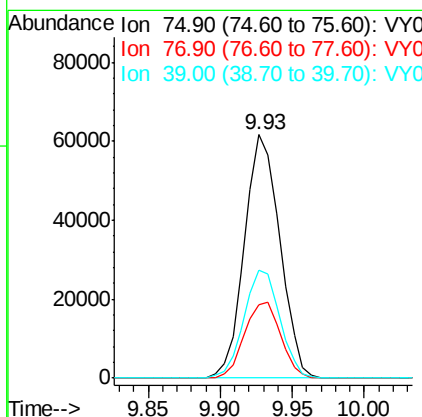
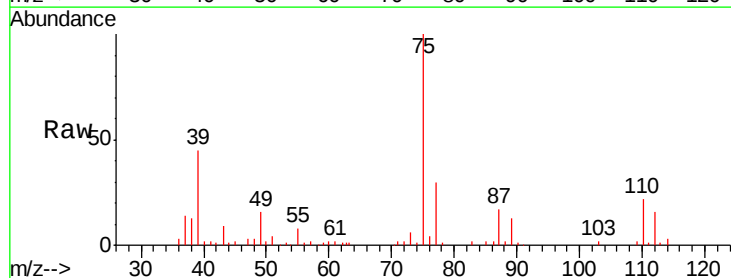
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

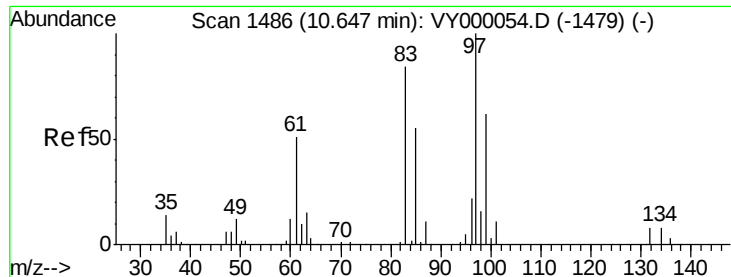
Tgt Ion: 75 Resp: 89012
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 47.015 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000070.D
Acq: 19 Sep 2019 12:05

Tgt Ion: 75 Resp: 104788
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1
39 44.6 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 48.053 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 56514

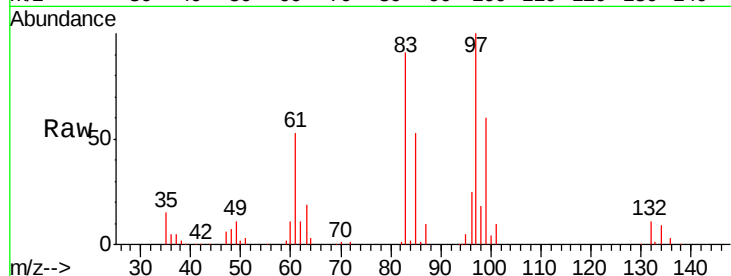
Ion Ratio Lower Upper

97 100

83 90.8 67.3 100.9

85 53.2 43.6 65.4

99 59.8 49.8 74.6

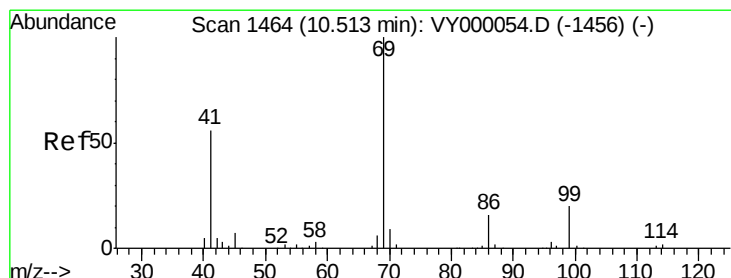
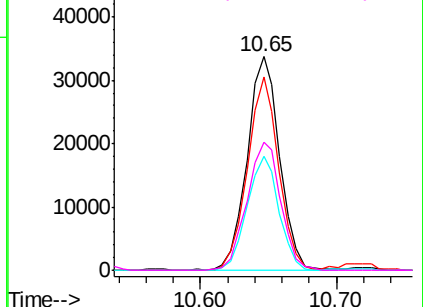
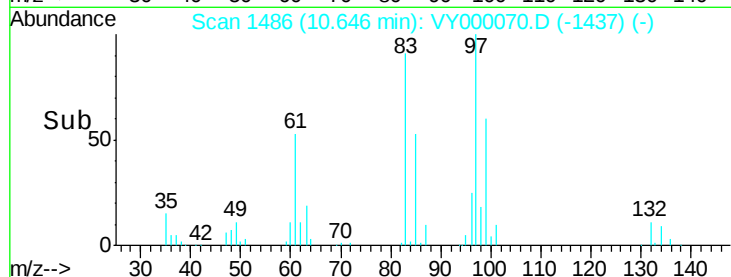


Abundance Ion 96.90 (96.60 to 97.60): VY000070.D (-1437) (-)

Ion 82.90 (82.60 to 83.60): VY000070.D (-1437) (-)

Ion 84.90 (84.60 to 85.60): VY000070.D (-1437) (-)

Ion 98.90 (98.60 to 99.60): VY000070.D (-1437) (-)



#56

Ethyl methacrylate

Concen: 47.636 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VY000070.D

Acq: 19 Sep 2019 12:05

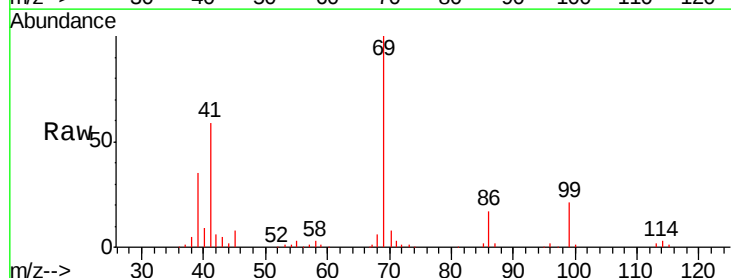
Tgt Ion: 69 Resp: 79720

Ion Ratio Lower Upper

69 100

41 58.8 45.6 68.4

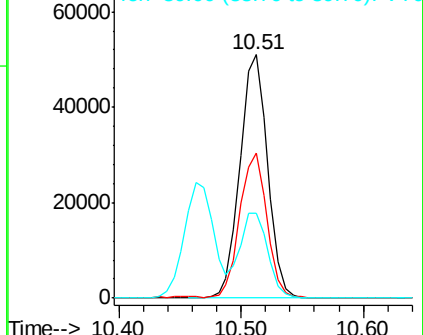
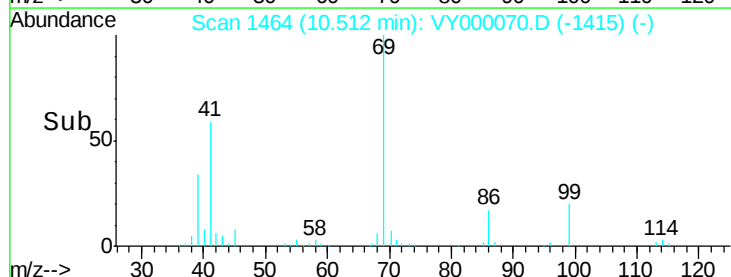
39 35.7 27.3 40.9

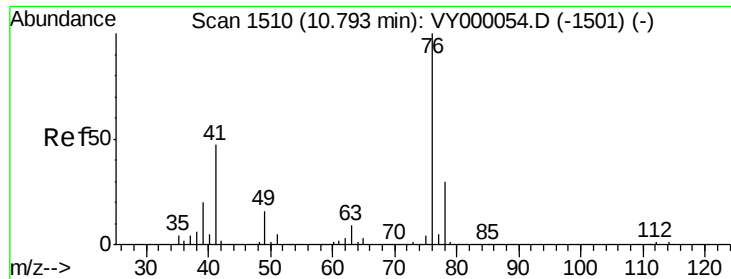


Abundance Ion 69.00 (68.70 to 69.70): VY000070.D (-1415) (-)

Ion 41.00 (40.70 to 41.70): VY000070.D (-1415) (-)

Ion 39.00 (38.70 to 39.70): VY000070.D (-1415) (-)

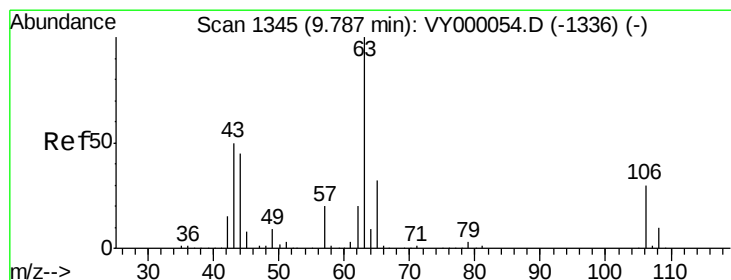
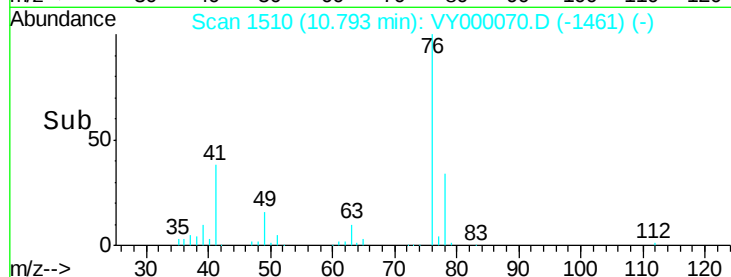
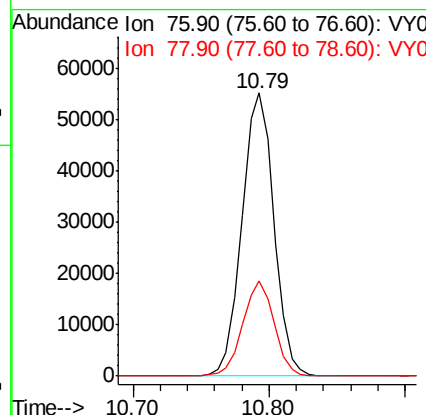
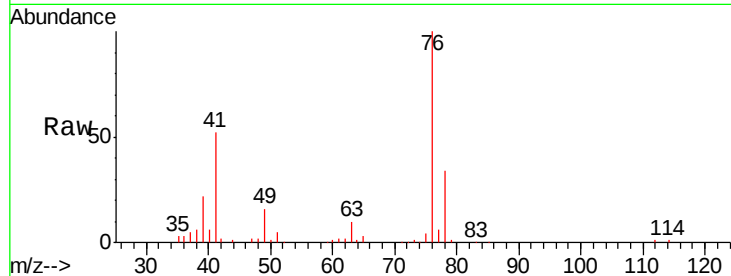




#57
 1,3-Dichloropropane
 Concen: 45.717 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 90317
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.336 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000070.D
 Acq: 19 Sep 2019 12:05

Tgt Ion: 63 Resp: 228276
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.3 34.9

