

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000128.D
 Acq On : 23 Sep 2019 12:09
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 24 04:50:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 04:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	117221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	220692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	196742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	87064	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	67910	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	7.72	113	63979	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.18	98	269002	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	91992	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	52666	45.290	ug/l	100
3) Chloromethane	2.11	50	83504	38.866	ug/l	100
4) Vinyl Chloride	2.25	62	86822	48.174	ug/l	100
5) Bromomethane	2.63	94	51625	46.245	ug/l	100
6) Chloroethane	2.78	64	52227	46.908	ug/l	100
7) Trichlorofluoromethane	3.12	101	99182	48.181	ug/l	100
8) Diethyl Ether	3.53	74	44666	50.618	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	64800	47.475	ug/l	100
10) Methyl Iodide	4.09	142	95507	54.543	ug/l	100
11) Tert butyl alcohol	4.96	59	34085	245.010	ug/l	100
12) 1,1-Dichloroethene	3.87	96	67287	47.729	ug/l	100
13) Acrolein	3.73	56	9245	163.562	ug/l	100
14) Allyl chloride	4.48	41	98621	49.559	ug/l	100
15) Acrylonitrile	5.17	53	102916	240.597	ug/l	100
16) Acetone	3.95	43	62642	239.143	ug/l	100
17) Carbon Disulfide	4.18	76	239239	49.254	ug/l	100
18) Methyl Acetate	4.48	43	45816	47.745	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	181562	49.563	ug/l	100
20) Methylene Chloride	4.71	84	80776	45.888	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	77846	48.965	ug/l	100
22) Diisopropyl ether	6.12	45	201485	47.489	ug/l	100
23) Vinyl Acetate	6.06	43	679443	240.299	ug/l	100
24) 1,1-Dichloroethane	6.02	63	120155	47.540	ug/l	100
25) 2-Butanone	6.99	43	115332	237.314	ug/l	100
26) 2,2-Dichloropropane	6.98	77	105930	46.248	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	85458	48.296	ug/l	100
28) Bromochloromethane	7.34	49	50734	51.367	ug/l	100
29) Tetrahydrofuran	7.35	42	78088	237.272	ug/l	100
30) Chloroform	7.51	83	121889	47.903	ug/l	100
31) Cyclohexane	7.78	56	118694	45.288	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	101116	48.303	ug/l	100
36) 1,1-Dichloropropene	7.92	75	99398	48.643	ug/l	100
37) Ethyl Acetate	7.08	43	51629	47.842	ug/l	100
38) Carbon Tetrachloride	7.90	117	86103	49.096	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	135549	48.230	ug/l	100
40) Benzene	8.16	78	313796	49.756	ug/l	100
41) Methacrylonitrile	7.35	41	71119	83.043	ug/l #	52
42) 1,2-Dichloroethane	8.24	62	79385	49.361	ug/l	100
43) Isopropyl Acetate	8.27	43	103636	48.012	ug/l	100
44) Trichloroethene	8.94	130	77693	49.614	ug/l	100
45) 1,2-Dichloropropane	9.22	63	70570	46.327	ug/l	100
46) Dibromomethane	9.31	93	40349	47.628	ug/l	100
47) Bromodichloromethane	9.49	83	95078	49.017	ug/l	100
48) Methyl methacrylate	9.29	41	44545	48.292	ug/l	100
49) 1,4-Dioxane	9.30	88	14319	1070.641	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	270656	246.070	ug/l	100
52) Toluene	10.24	92	190123	48.785	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	102648	48.530	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	124032	50.578	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	59901	49.375	ug/l	100
56) Ethyl methacrylate	10.51	69	85838	50.231	ug/l	100
57) 1,3-Dichloropropane	10.79	76	101953	48.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	211690	250.916	ug/l	100
59) 2-Hexanone	10.83	43	192002	249.209	ug/l	100
60) Dibromochloromethane	10.98	129	64975	51.245	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56806	49.823	ug/l	100
64) Tetrachloroethene	10.72	164	73265	48.923	ug/l	100
65) Chlorobenzene	11.51	112	193417	48.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	63572	49.537	ug/l	100
67) Ethyl Benzene	11.59	91	354052	48.769	ug/l	100
68) m/p-Xylenes	11.70	106	276695	98.835	ug/l	100
69) o-Xylene	12.02	106	130716	48.843	ug/l	100
70) Styrene	12.04	104	228407	50.512	ug/l	100
71) Bromoform	12.20	173	35964	49.634	ug/l #	100
73) Isopropylbenzene	12.32	105	336997	48.614	ug/l	100
74) N-amyl acetate	12.14	43	96611	50.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	67600	48.842	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	95331	54.668	ug/l #	100
77) Bromobenzene	12.60	156	71890	49.594	ug/l	100
78) n-propylbenzene	12.66	91	415865	48.508	ug/l	100
79) 2-Chlorotoluene	12.75	91	227184	48.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	283108	48.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27921	50.300	ug/l	100
82) 4-Chlorotoluene	12.85	91	240418	49.528	ug/l	100
83) tert-Butylbenzene	13.07	119	234939	49.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	285262	49.273	ug/l	100
85) sec-Butylbenzene	13.25	105	349581	49.211	ug/l	100
86) p-Isopropyltoluene	13.37	119	299359	49.425	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	141169	49.773	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	142330	49.164	ug/l	100
89) n-Butylbenzene	13.69	91	306023	49.257	ug/l	100
90) Hexachloroethane	13.96	117	58487	48.761	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	133447	49.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11510	45.244	ug/l	100

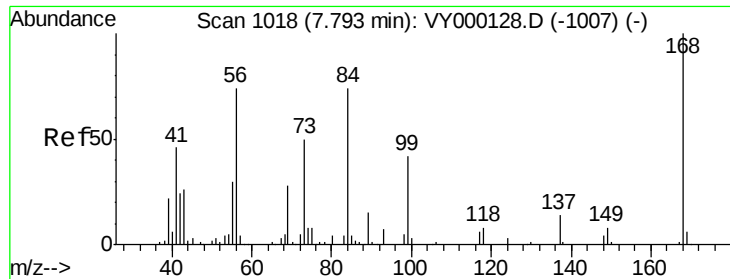
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	85713	49.823	ug/l	100
94) Hexachlorobutadiene	15.10	225	37169	48.610	ug/l	100
95) Naphthalene	15.23	128	213626	49.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	76673	49.971	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

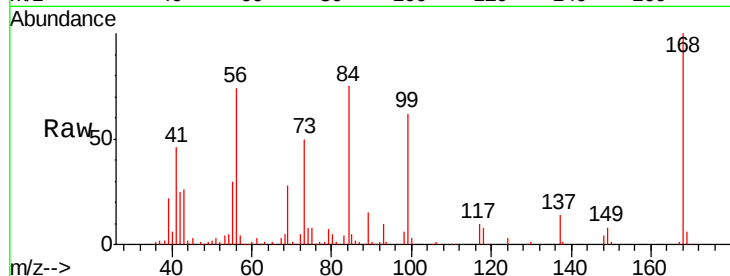
VSTDICCC050

Tgt Ion:168 Resp: 117221

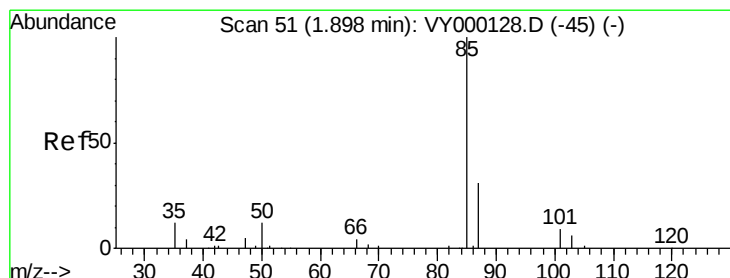
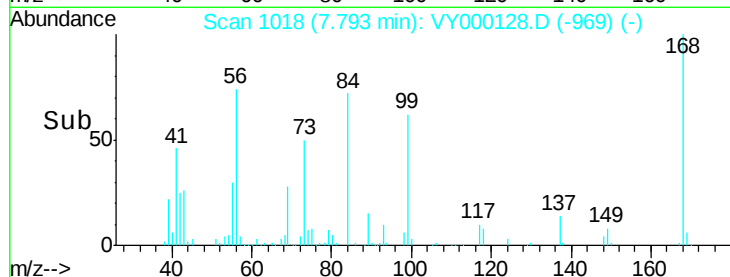
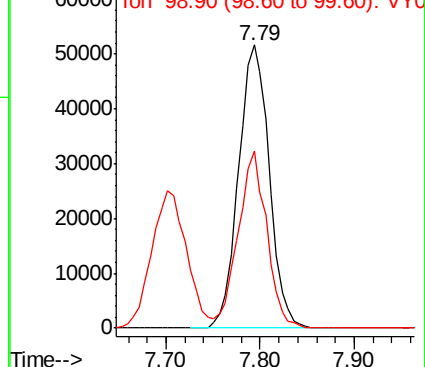
Ion Ratio Lower Upper

168 100

99 62.4 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY000128.D (-1007) (-)



#2

Dichlorodifluoromethane

Concen: 45.290 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000128.D

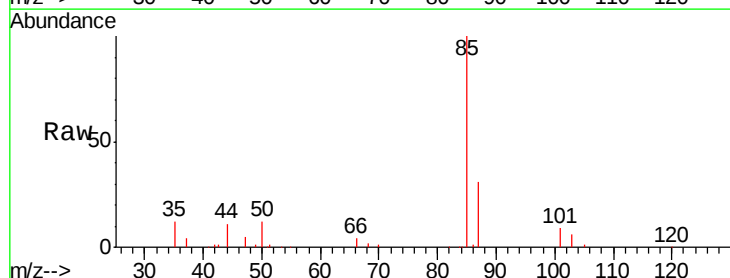
Acq: 23 Sep 2019 12:09

Tgt Ion: 85 Resp: 52666

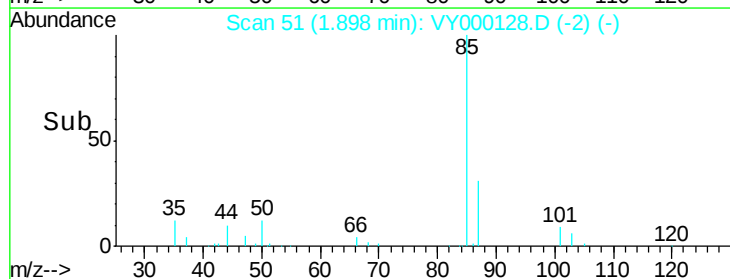
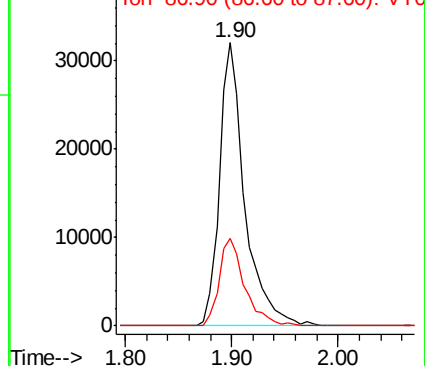
Ion Ratio Lower Upper

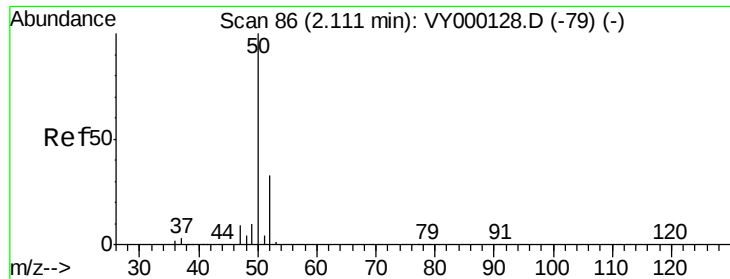
85 100

87 30.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000128.D (-45) (-)

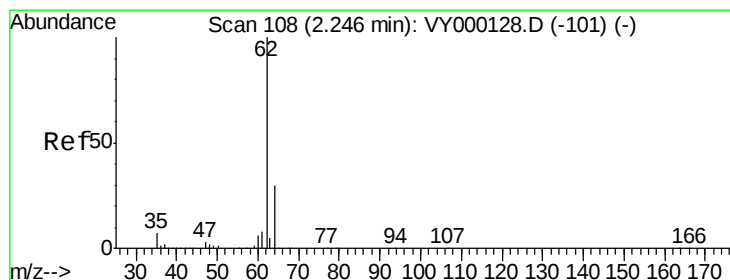
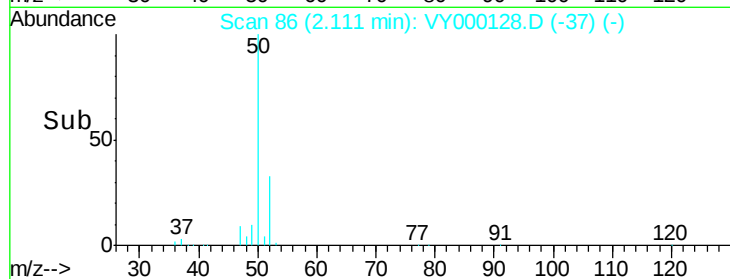
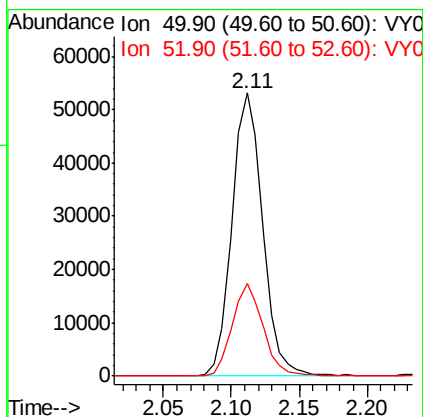
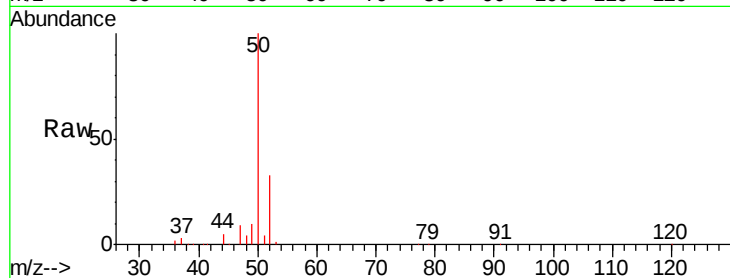




#3
Chloromethane
Concen: 38.866 ug/l
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

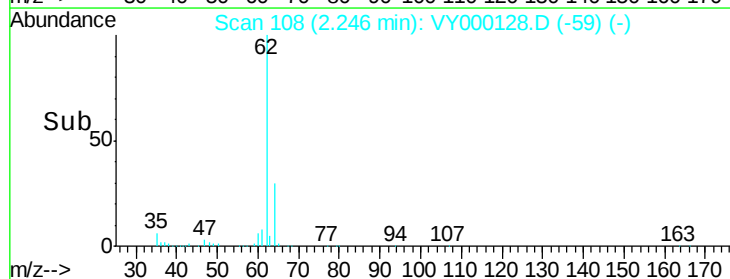
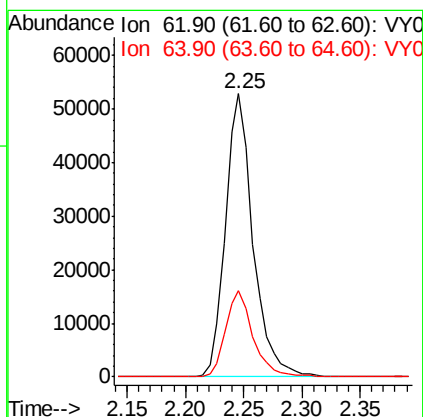
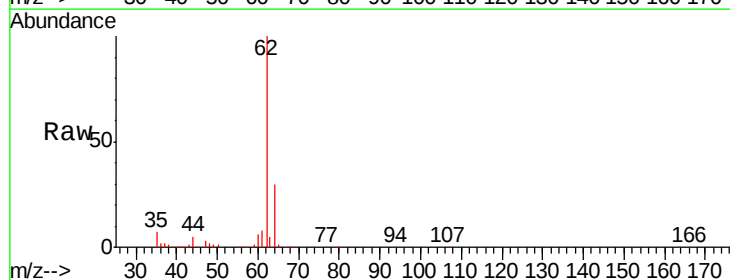
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

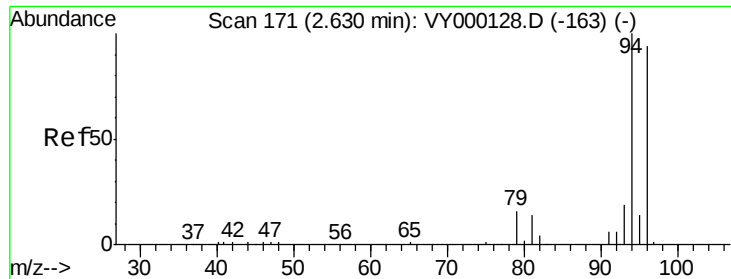
Tgt Ion: 50 Resp: 83504
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 48.174 ug/l
RT: 2.25 min Scan# 108
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 62 Resp: 86822
Ion Ratio Lower Upper
62 100
64 30.5 24.4 36.6





#5

Bromomethane

Concen: 46.245 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

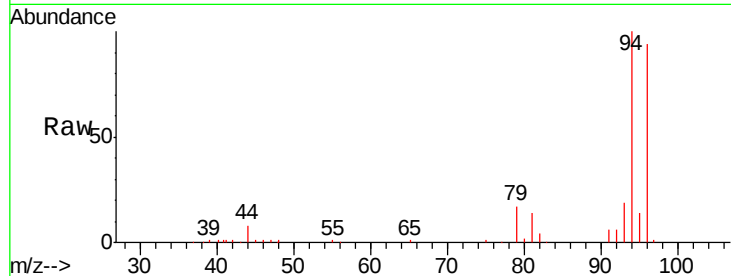
VSTDICCC050

Tgt Ion: 94 Resp: 51625

Ion Ratio Lower Upper

94 100

96 93.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

25000

20000

15000

10000

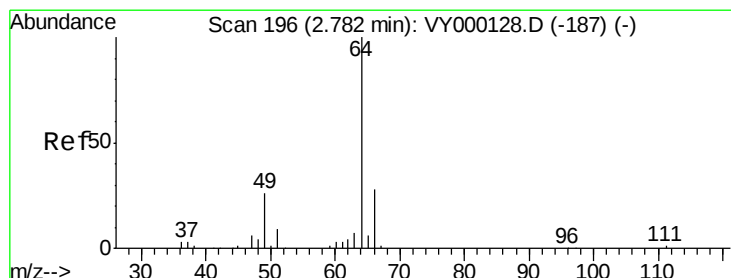
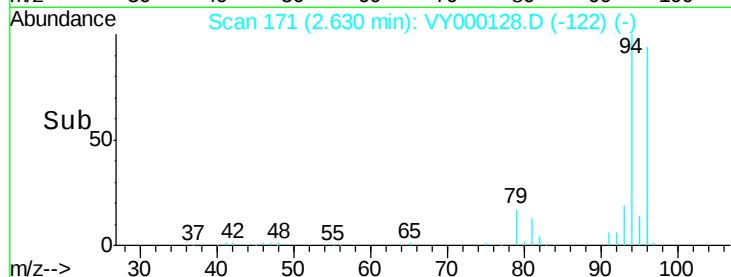
5000

0

2.60

2.70

Time-->



#6

Chloroethane

Concen: 46.908 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VY000128.D

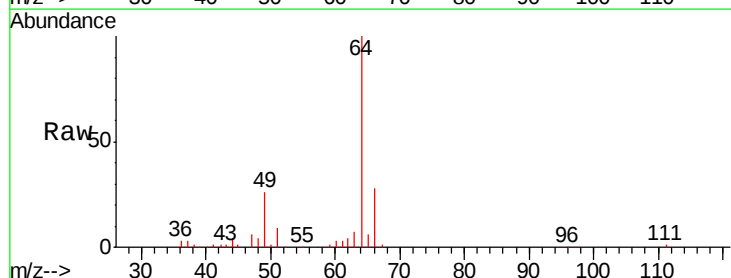
Acq: 23 Sep 2019 12:09

Tgt Ion: 64 Resp: 52227

Ion Ratio Lower Upper

64 100

66 28.0 22.4 33.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.78

25000

20000

15000

10000

5000

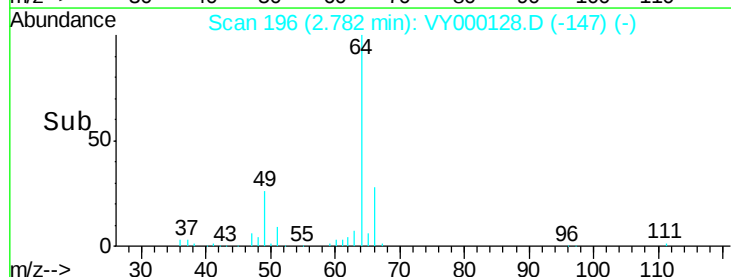
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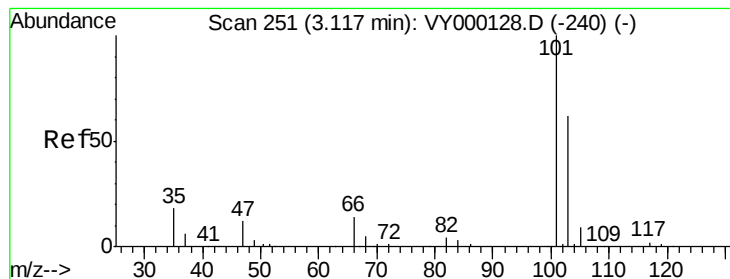
2.70

2.80

2.90

Time-->



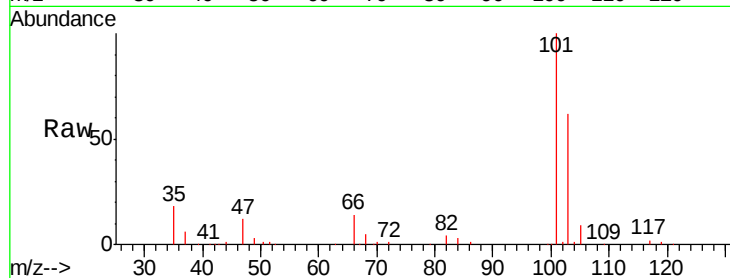


#7

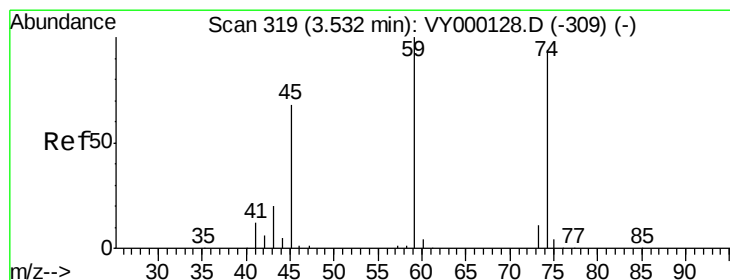
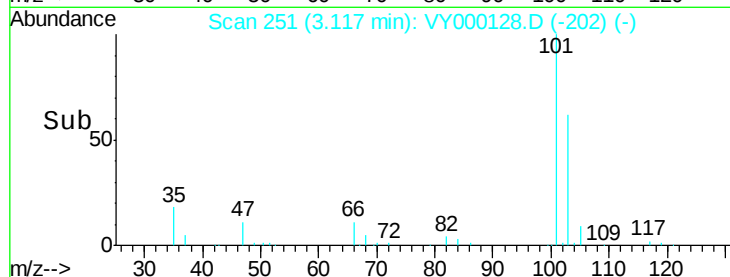
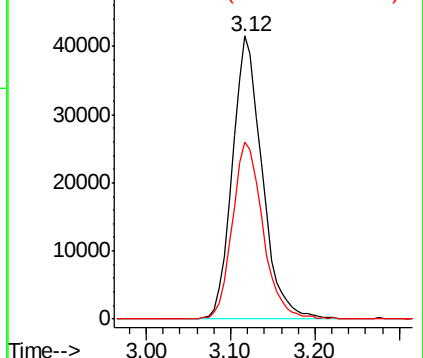
Trichlorofluoromethane
 Concen: 48.181 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 101 Resp: 99182
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.9 74.9



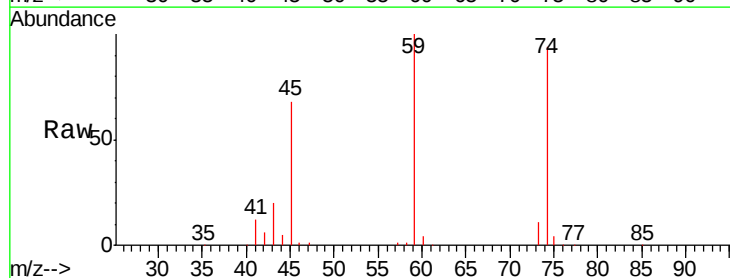
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



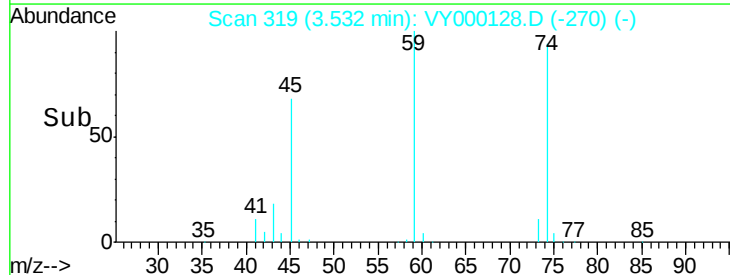
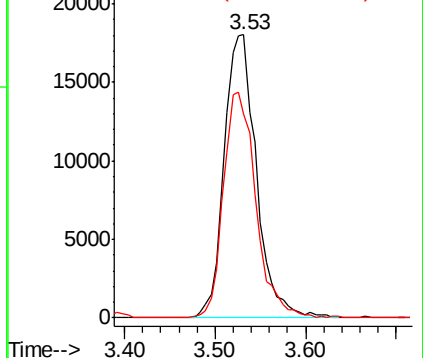
#8

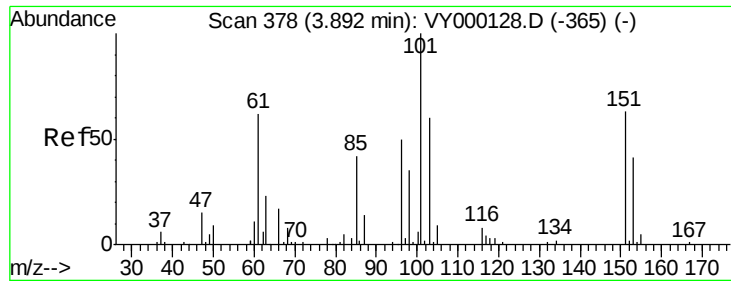
Diethyl Ether
 Concen: 50.618 ug/l
 RT: 3.53 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion: 74 Resp: 44666
 Ion Ratio Lower Upper
 74 100
 45 80.1 40.1 120.2



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: 47.475 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

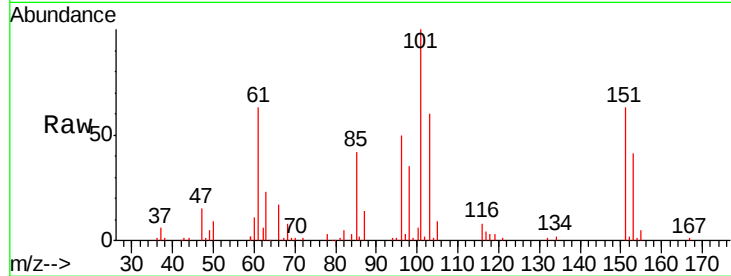
Tgt Ion:101 Resp: 64800

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

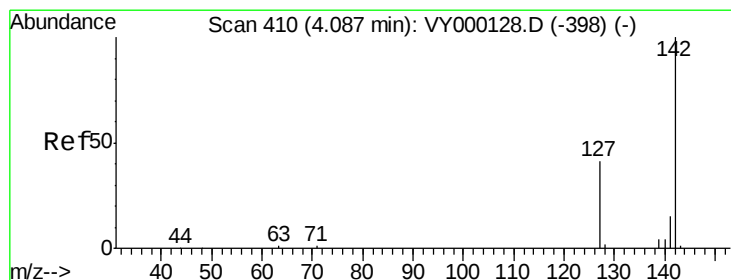
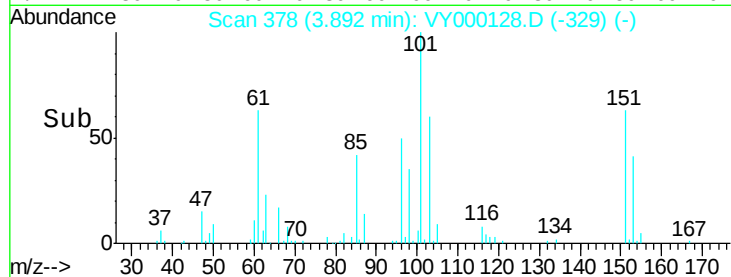
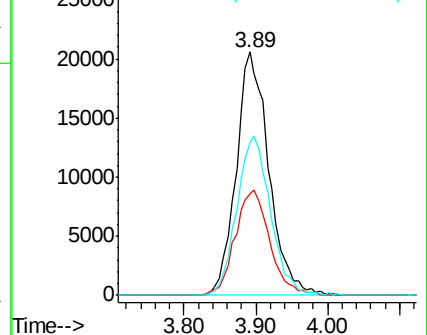
151 67.4 53.9 80.9



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: 54.543 ug/l

RT: 4.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

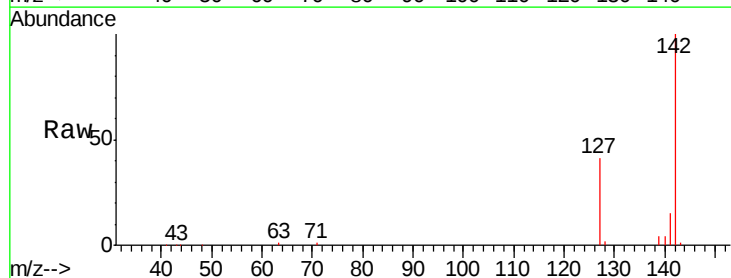
Tgt Ion:142 Resp: 95507

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

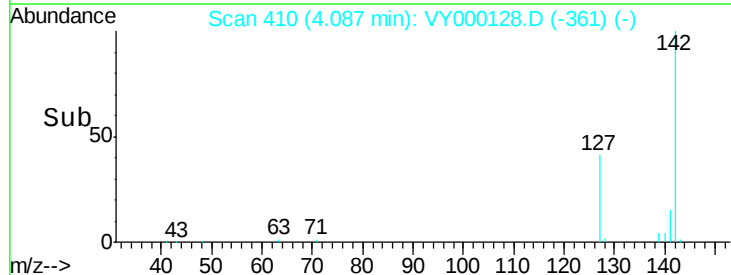
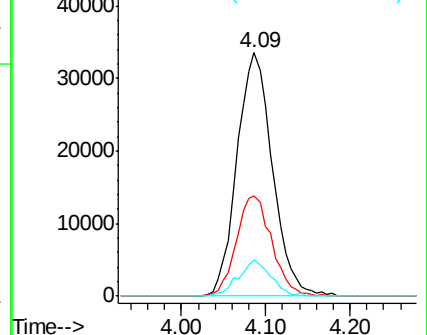
141 13.5 10.8 16.2

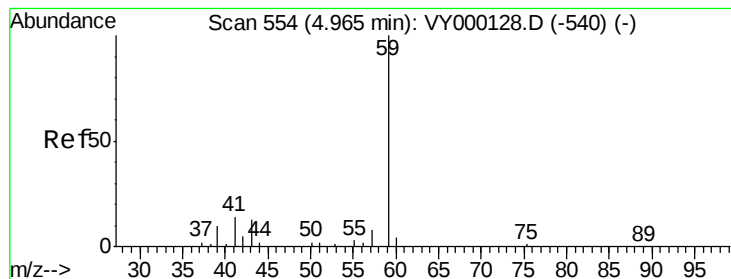


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



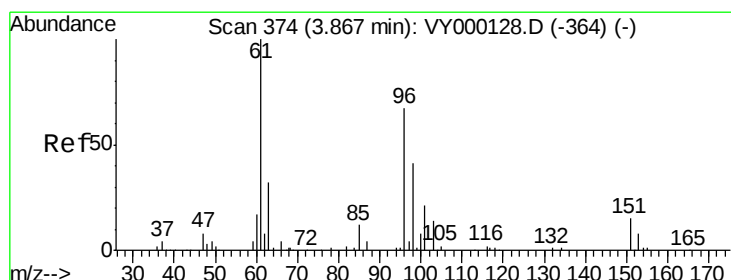
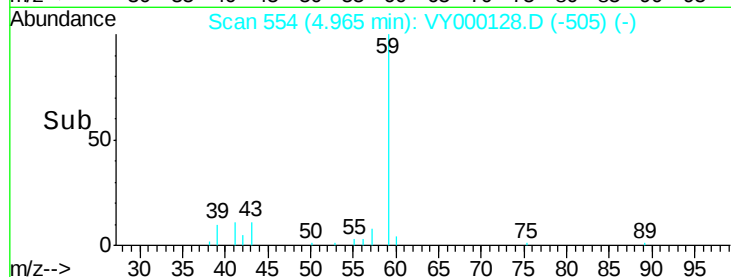
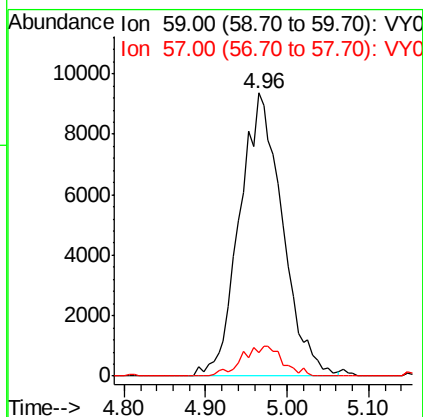
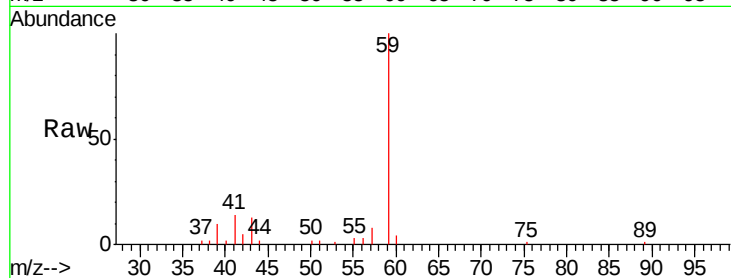


#11

Tert butyl alcohol
Concen: 245.010 ug/l
RT: 4.96 min Scan# 554
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

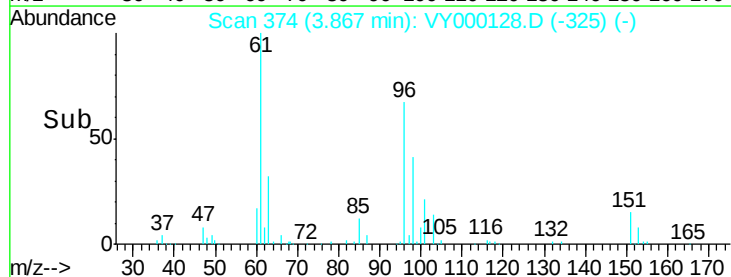
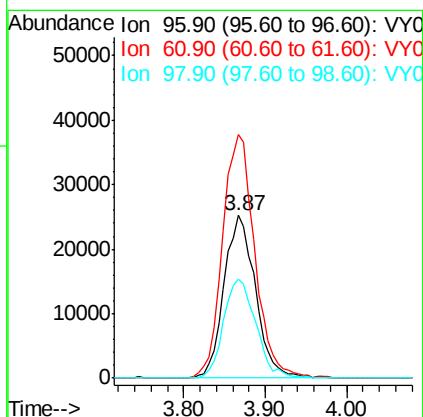
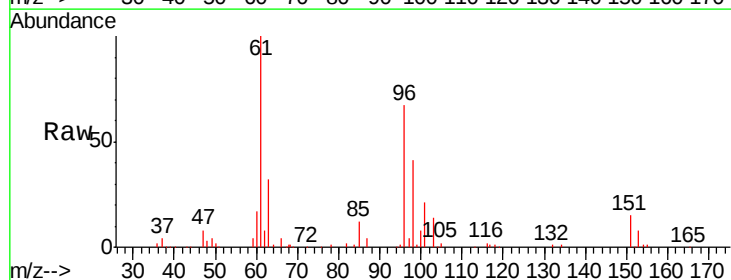
Tgt Ion: 59 Resp: 34085
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

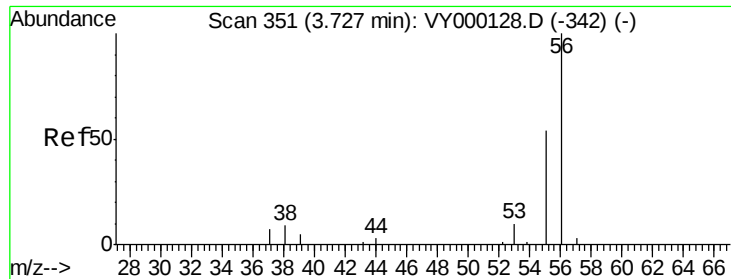


#12

1,1-Dichloroethene
Concen: 47.729 ug/l
RT: 3.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 96 Resp: 67287
Ion Ratio Lower Upper
96 100
61 149.7 119.8 179.6
98 61.0 48.8 73.2





#13

Acrolein

Concen: 163.562 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

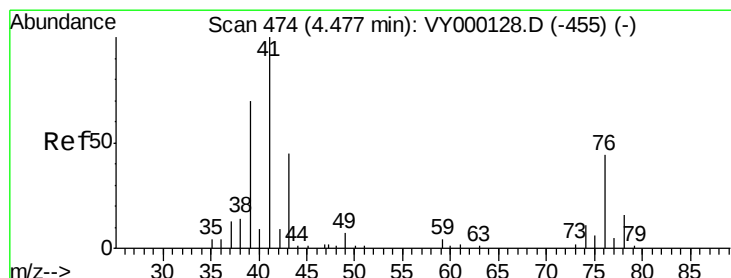
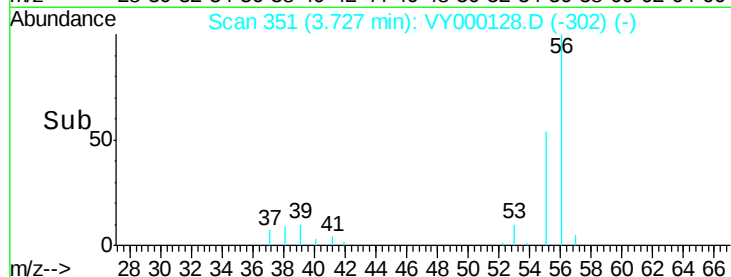
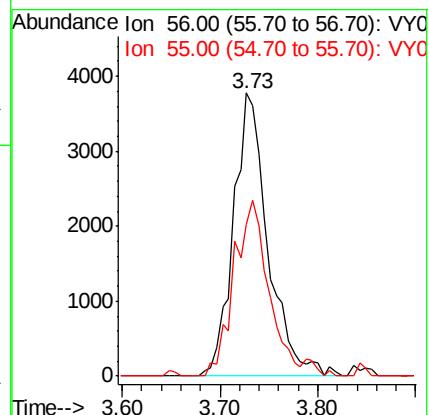
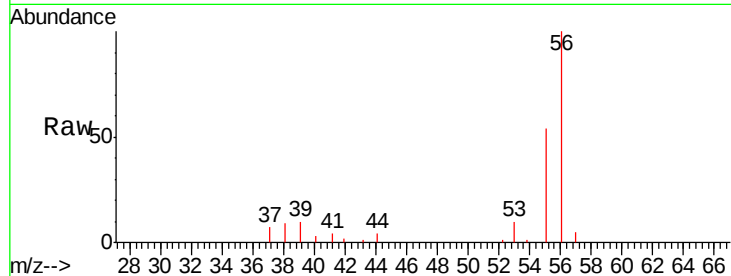
VSTDICCC050

Tgt Ion: 56 Resp: 9245

Ion Ratio Lower Upper

56 100

55 61.7 49.4 74.0



#14

Allyl chloride

Concen: 49.559 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

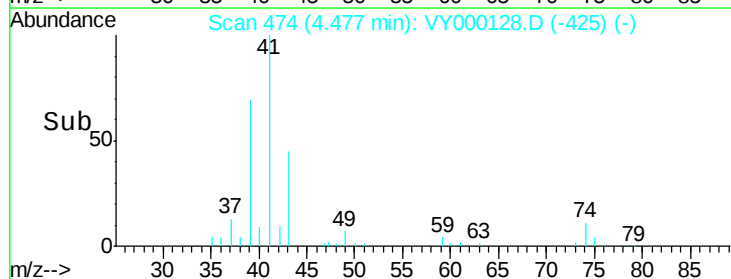
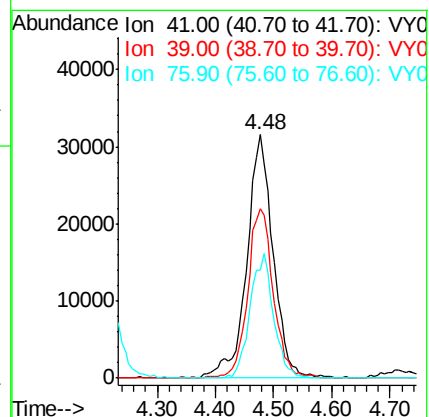
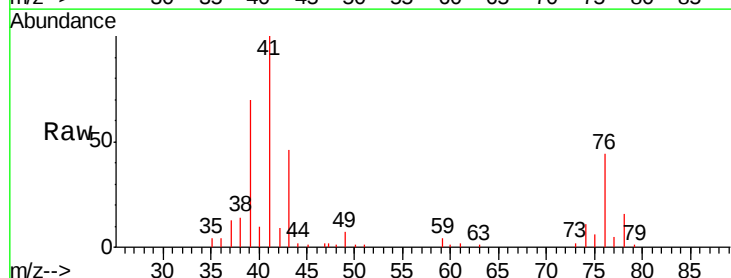
Tgt Ion: 41 Resp: 98621

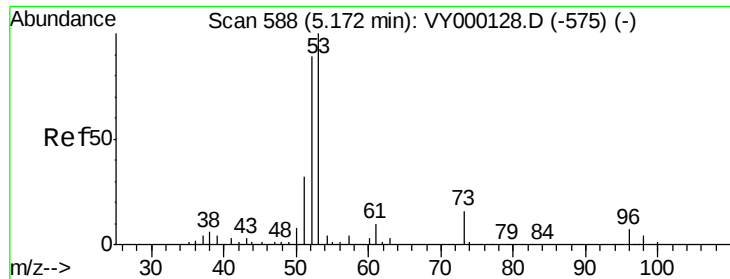
Ion Ratio Lower Upper

41 100

39 65.9 52.7 79.1

76 45.8 36.6 55.0





#15

Acrylonitrile

Concen: 240.597 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

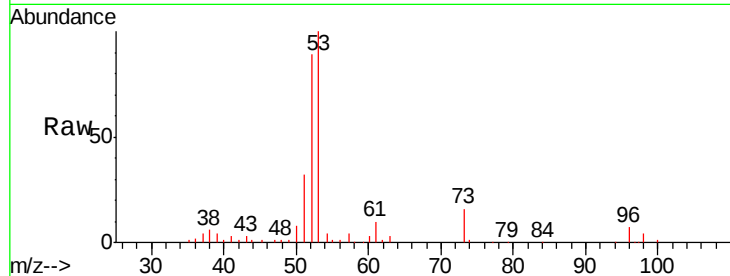
Tgt Ion: 53 Resp: 102916

Ion Ratio Lower Upper

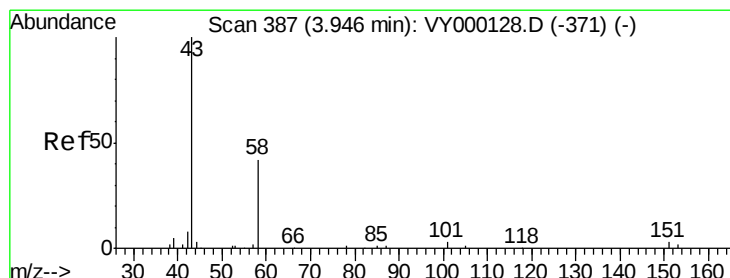
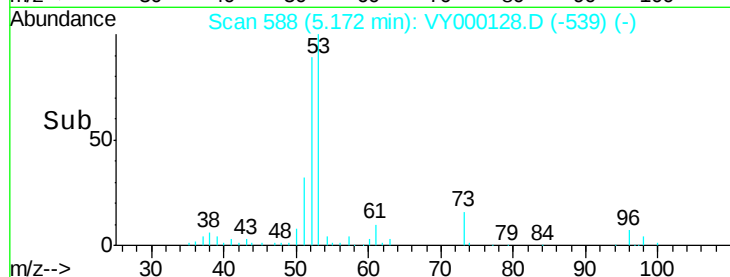
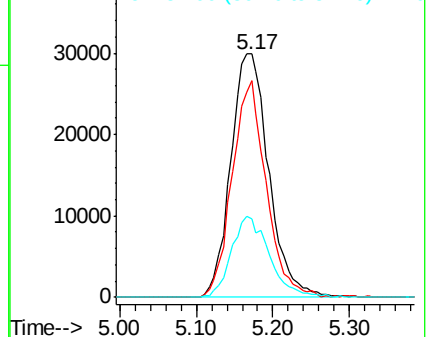
53 100

52 79.8 63.8 95.8

51 33.3 26.6 40.0



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: 239.143 ug/l

RT: 3.95 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000128.D

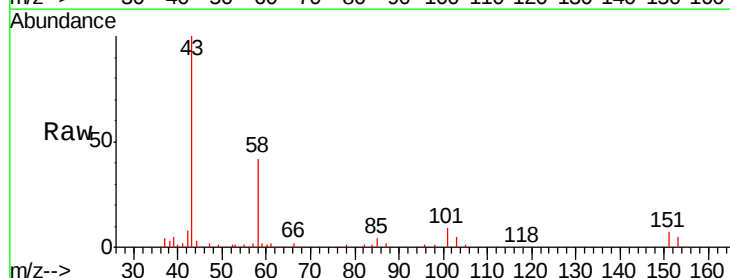
Acq: 23 Sep 2019 12:09

Tgt Ion: 43 Resp: 62642

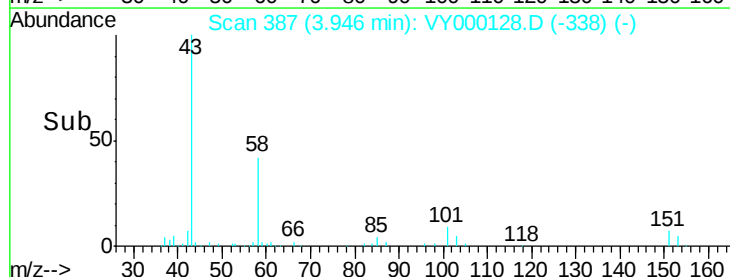
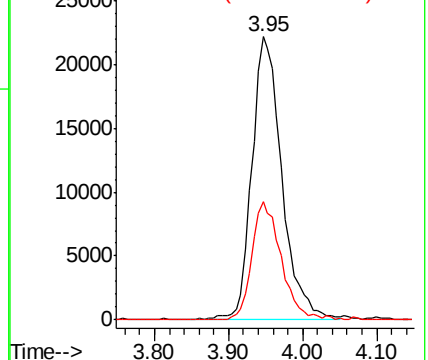
Ion Ratio Lower Upper

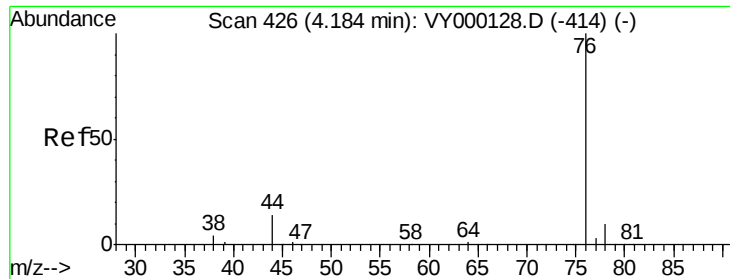
43 100

58 41.9 33.5 50.3



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





#17

Carbon Disulfide

Concen: 49.254 ug/l

RT: 4.18 min Scan# 426

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

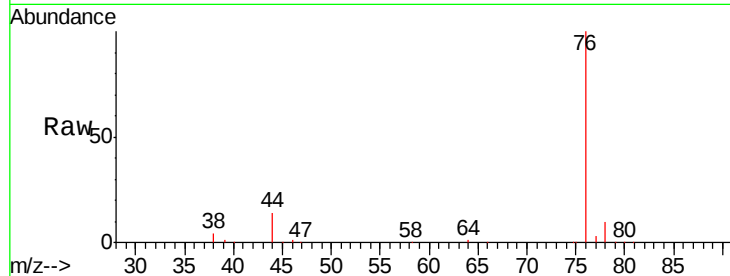
VSTDICCC050

Tgt Ion: 76 Resp: 239239

Ion Ratio Lower Upper

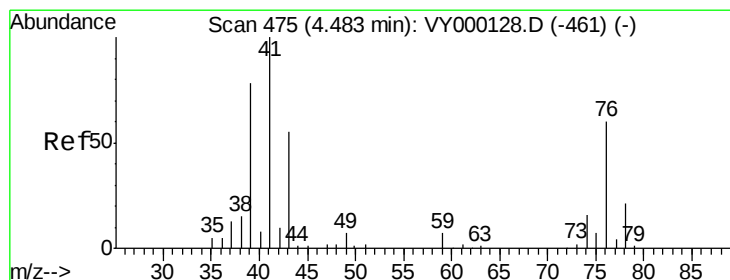
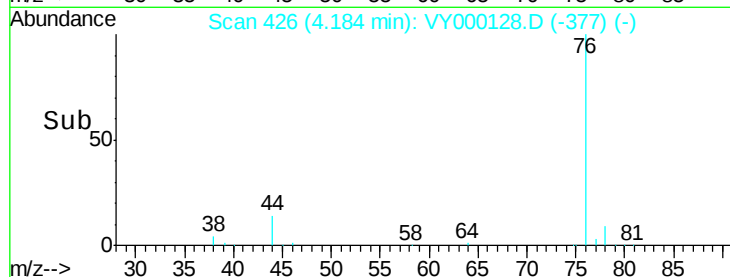
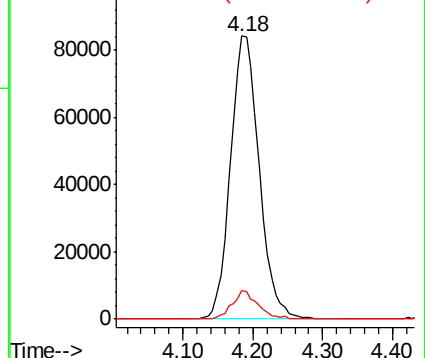
76 100

78 9.9 7.9 11.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 47.745 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.00 min

Lab File: VY000128.D

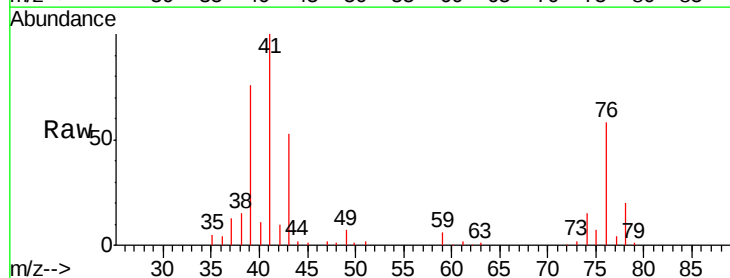
Acq: 23 Sep 2019 12:09

Tgt Ion: 43 Resp: 45816

Ion Ratio Lower Upper

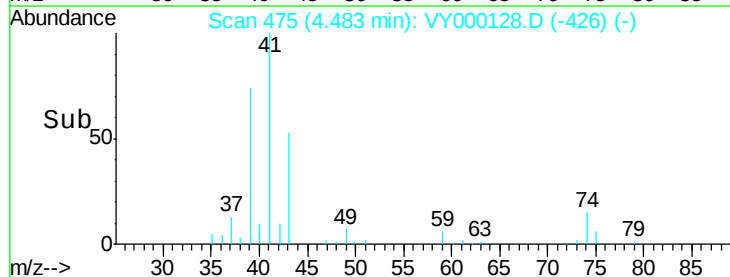
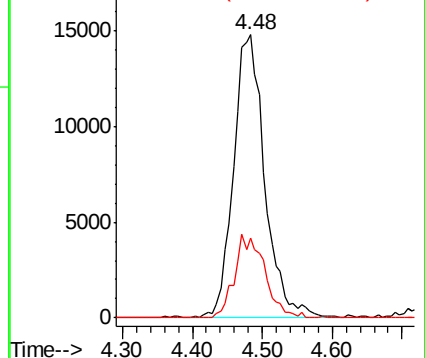
43 100

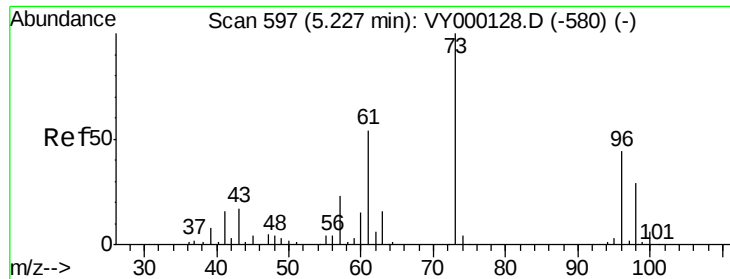
74 28.4 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

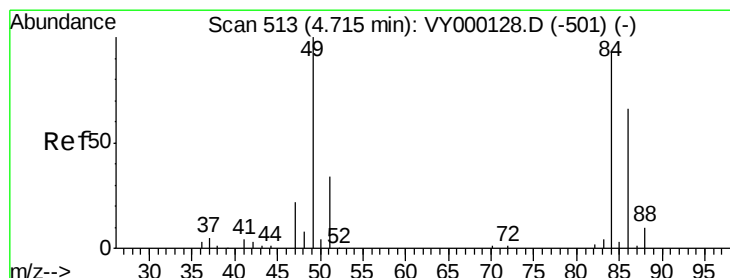
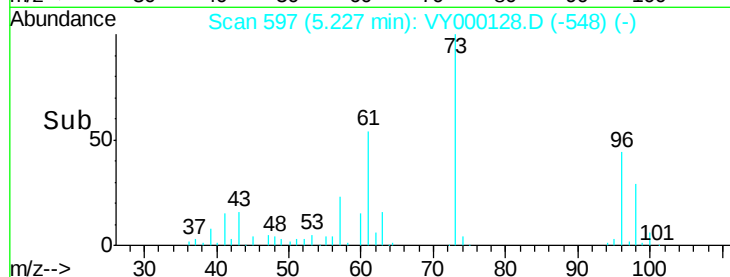
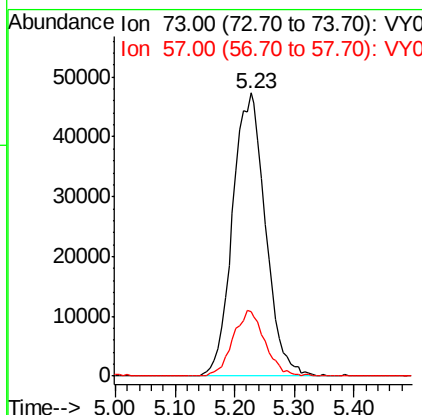
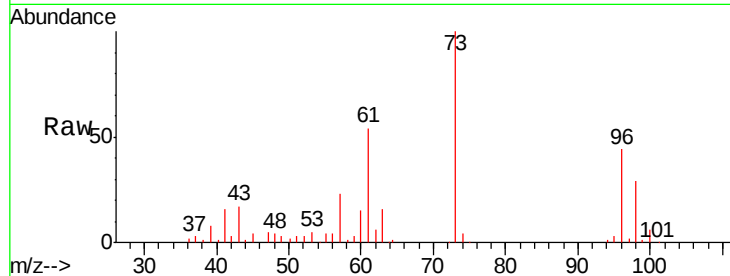




#19
Methyl tert-butyl Ether
Concen: 49.563 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

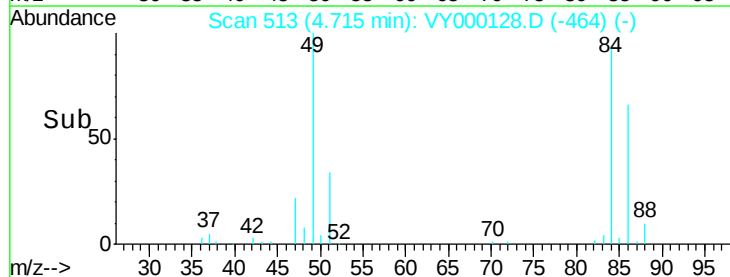
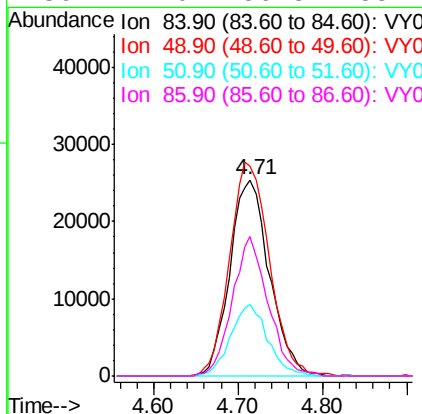
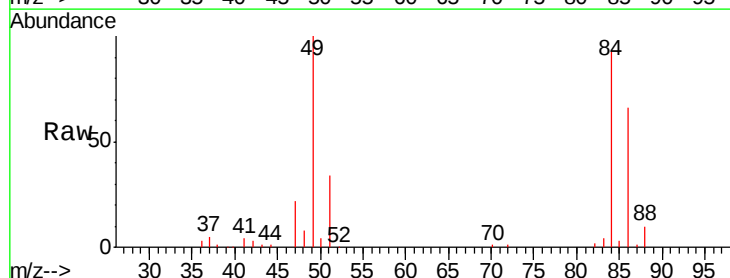
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

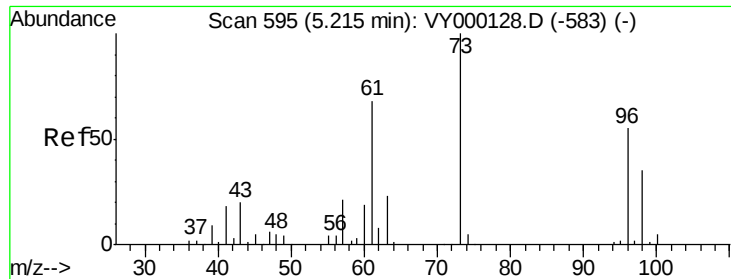
Tgt Ion: 73 Resp: 181562
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 45.888 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 84 Resp: 80776
Ion Ratio Lower Upper
84 100
49 107.2 85.8 128.6
51 36.5 29.2 43.8
86 71.0 56.8 85.2





#21

trans-1,2-Dichloroethene

Concen: 48.965 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

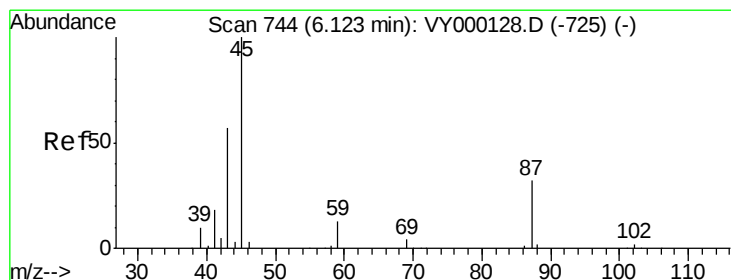
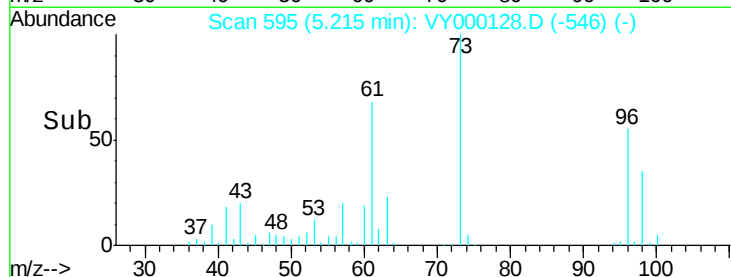
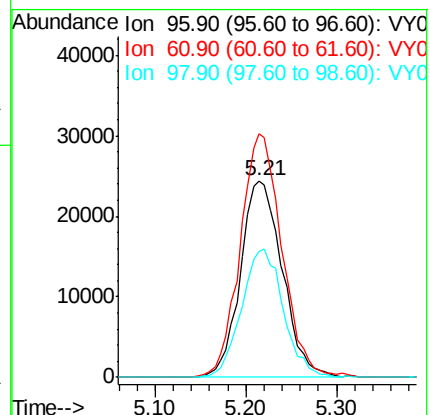
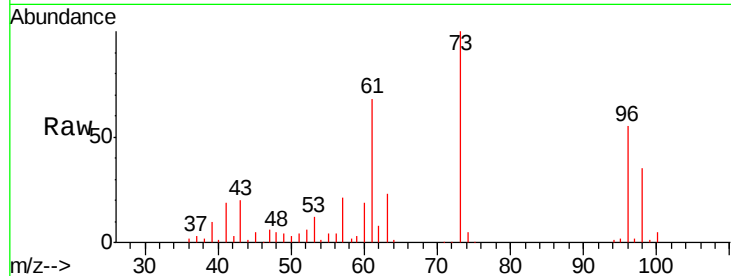
Tgt Ion: 96 Resp: 77846

Ion Ratio Lower Upper

96 100

61 123.8 99.0 148.6

98 63.7 51.0 76.4



#22

Diisopropyl ether

Concen: 47.489 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Tgt Ion: 45 Resp: 201485

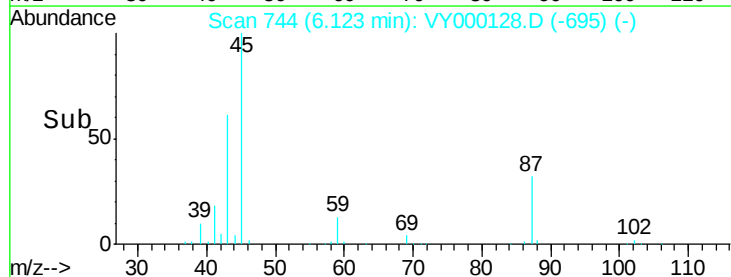
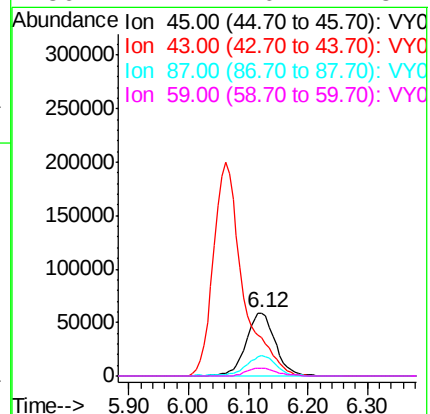
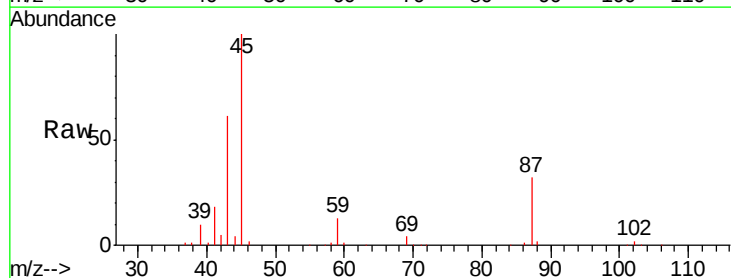
Ion Ratio Lower Upper

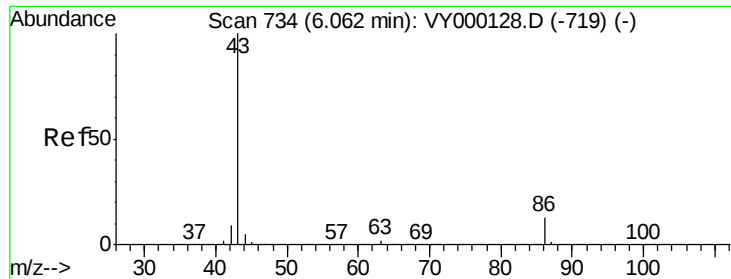
45 100

43 60.3 48.2 72.4

87 32.4 25.9 38.9

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 240.299 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

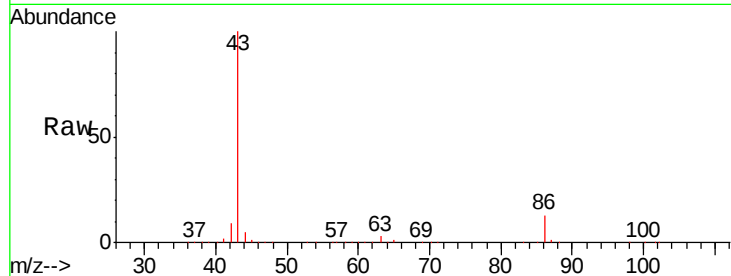
VSTDICCC050

Tgt Ion: 43 Resp: 679443

Ion Ratio Lower Upper

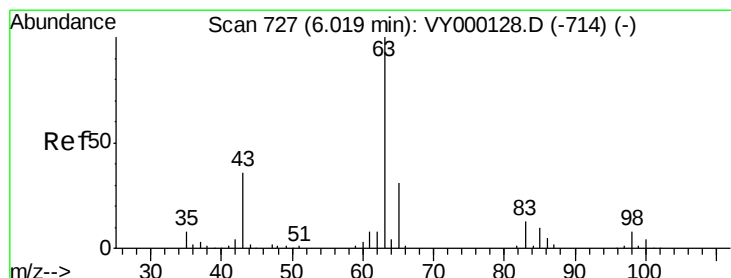
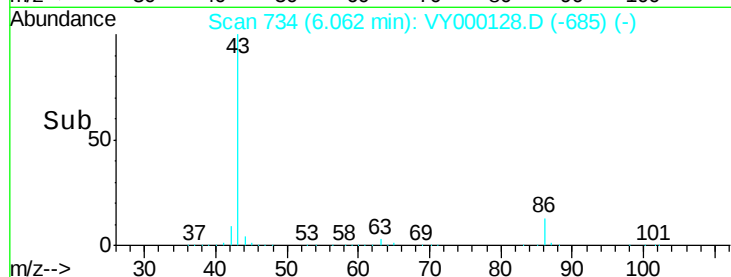
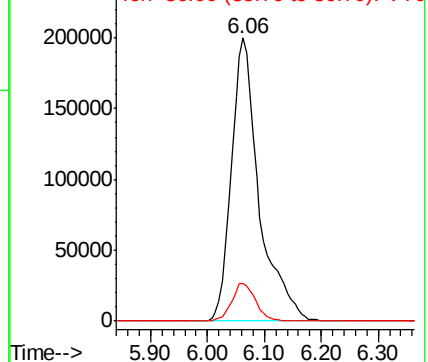
43 100

86 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 47.540 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

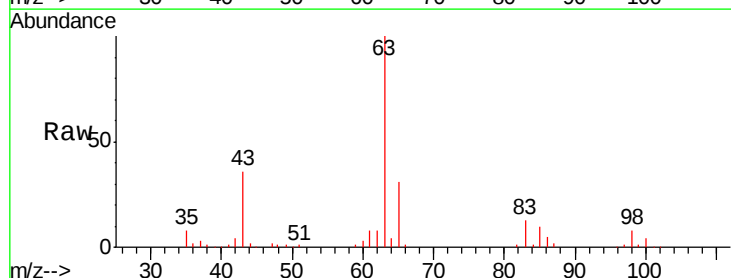
Tgt Ion: 63 Resp: 120155

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

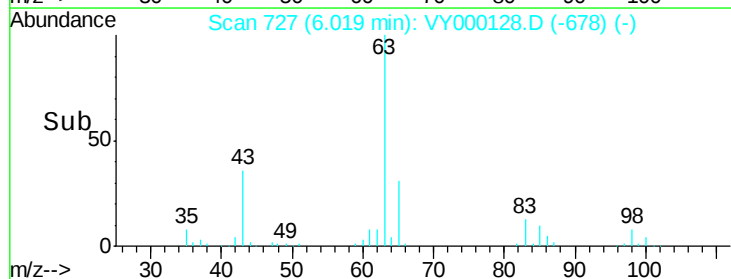
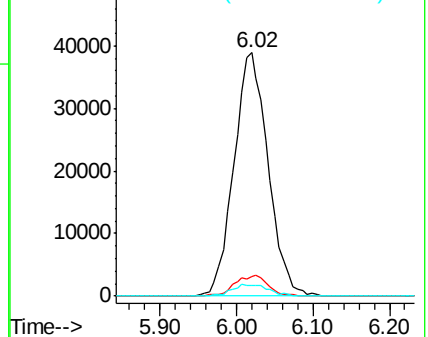
100 4.4 2.2 6.6

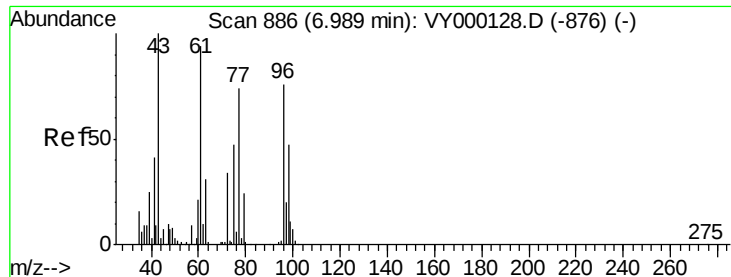


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

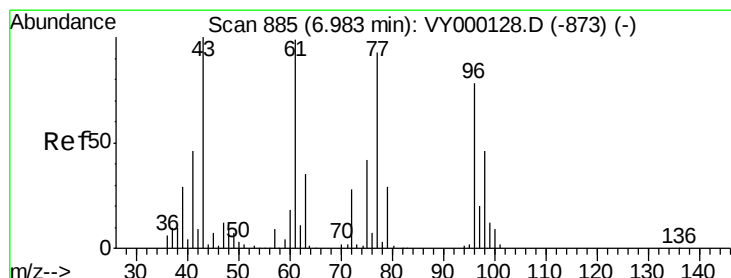
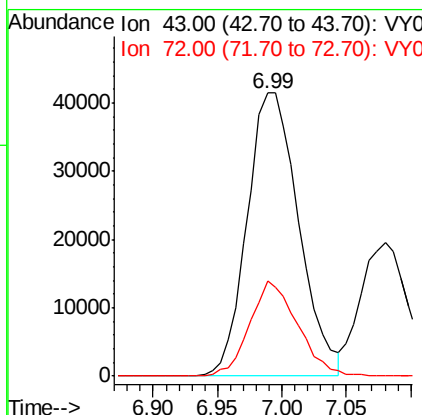
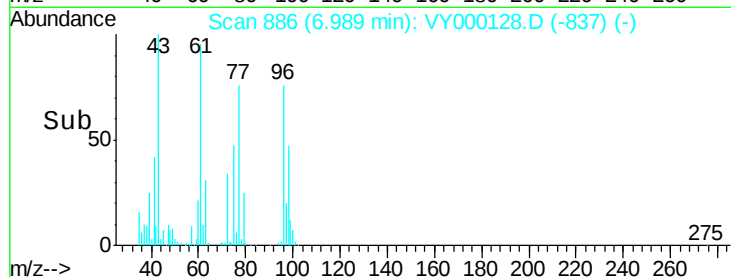
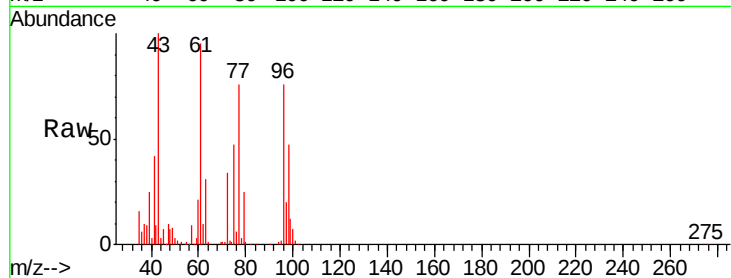




#25
2-Butanone
Concen: 237.314 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

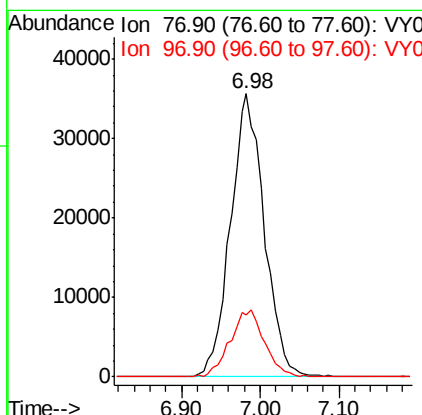
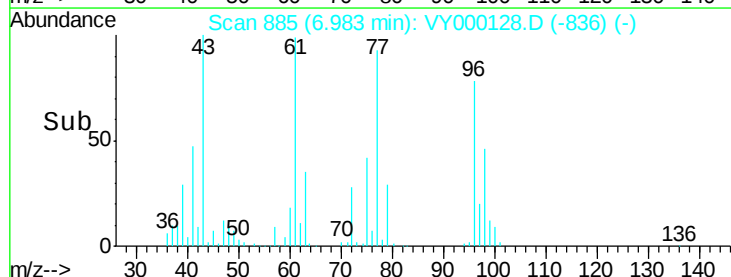
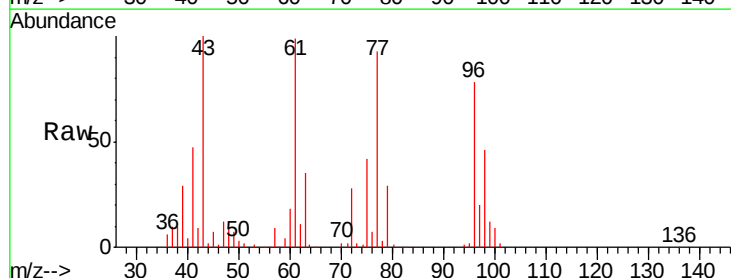
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

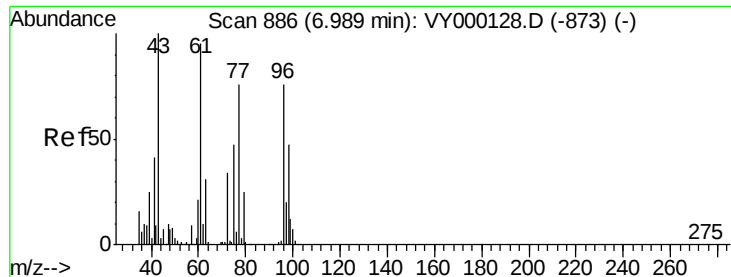
Tgt Ion: 43 Resp: 115332
Ion Ratio Lower Upper
43 100
72 33.8 27.0 40.6



#26
2,2-Dichloropropane
Concen: 46.248 ug/l
RT: 6.98 min Scan# 885
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 77 Resp: 105930
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0



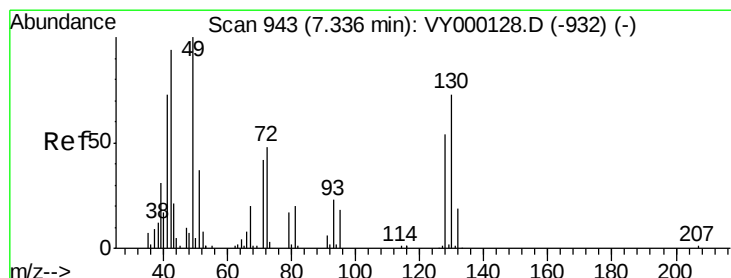
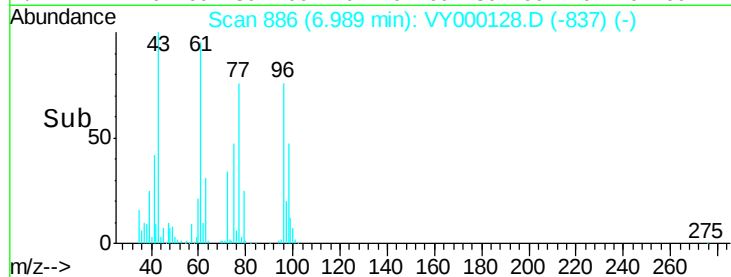
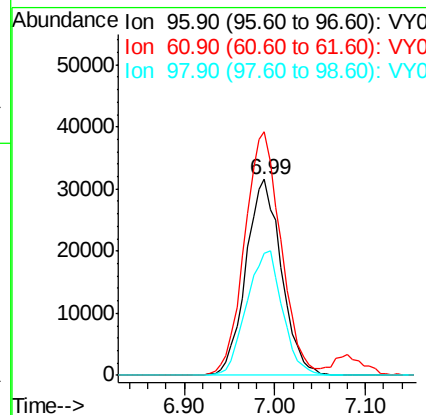
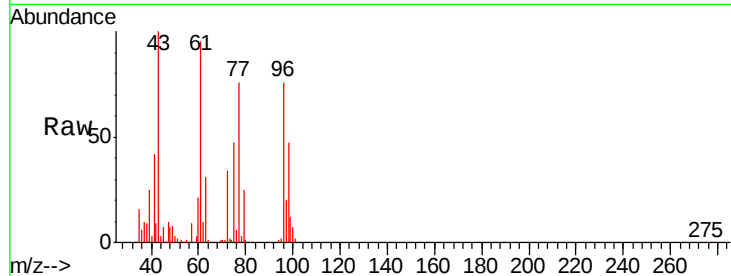


#27

cis-1,2-Dichloroethene
 Concen: 48.296 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

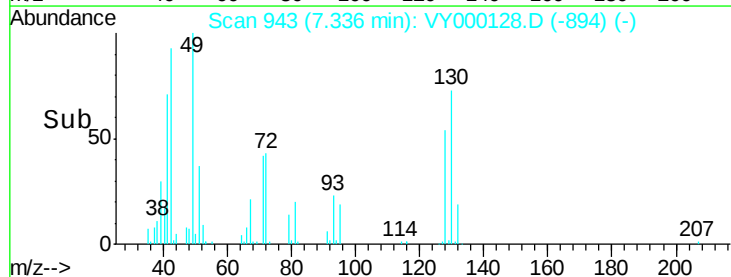
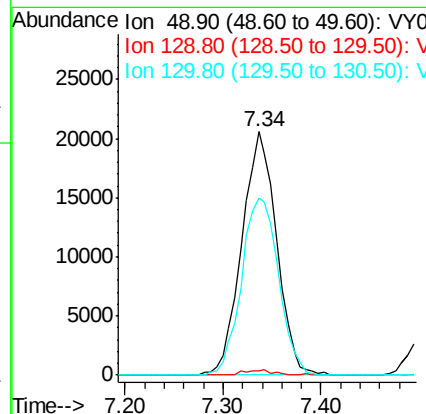
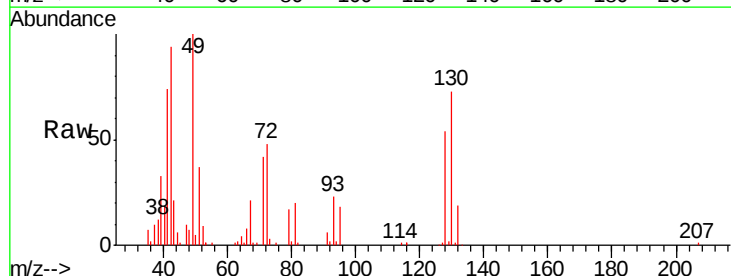
Tgt Ion: 96 Resp: 85458
 Ion Ratio Lower Upper
 96 100
 61 127.4 0.0 254.8
 98 63.9 0.0 127.8

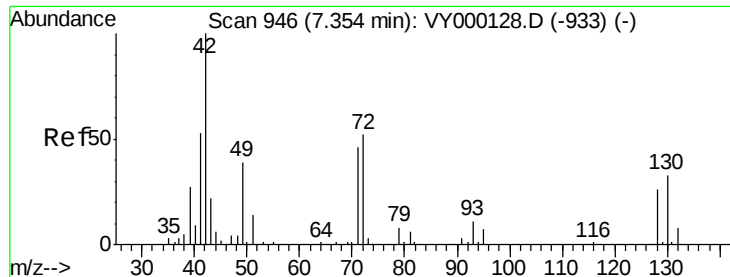


#28

Bromochloromethane
 Concen: 51.367 ug/l
 RT: 7.34 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion: 49 Resp: 50734
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 77.5 62.0 93.0

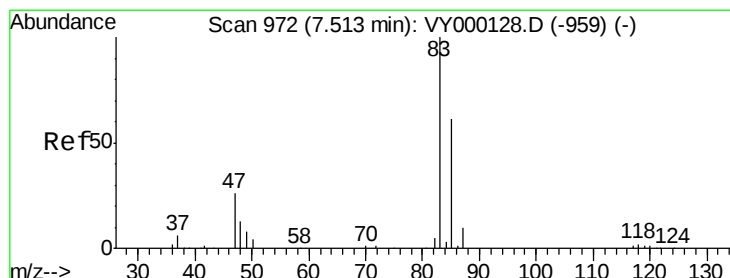
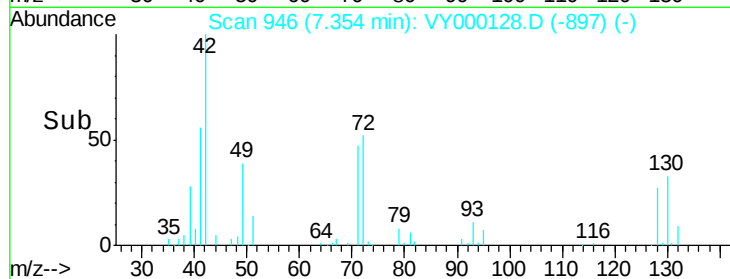
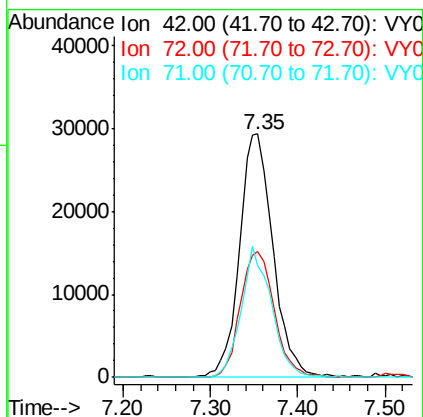
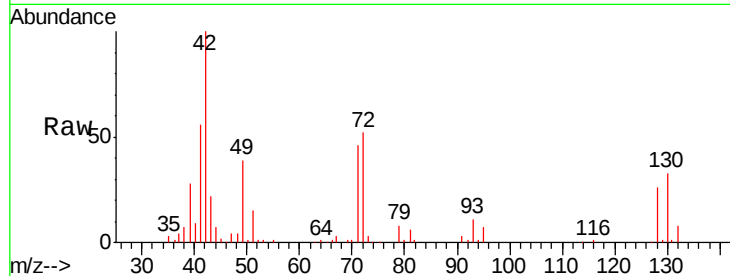




#29
Tetrahydrofuran
Concen: 237.272 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

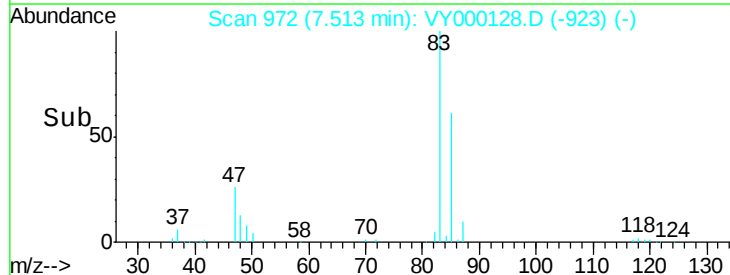
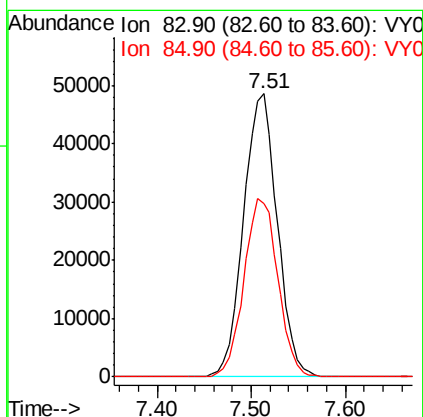
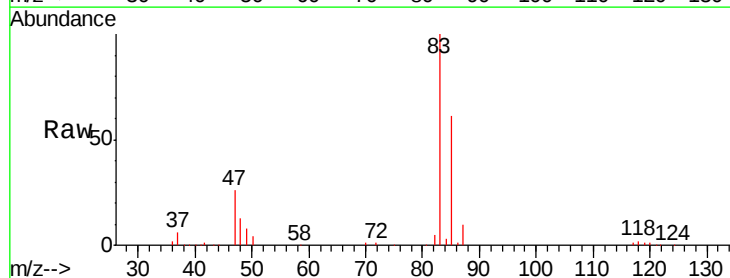
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

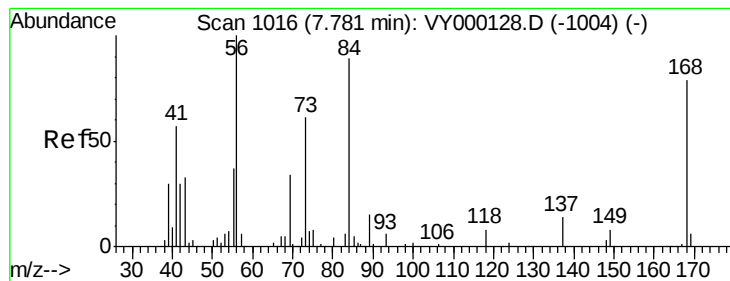
Tgt Ion: 42 Resp: 78088
Ion Ratio Lower Upper
42 100
72 52.3 41.8 62.8
71 48.3 38.6 58.0



#30
Chloroform
Concen: 47.903 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 83 Resp: 121889
Ion Ratio Lower Upper
83 100
85 61.3 49.0 73.6





#31

Cyclohexane

Concen: 45.288 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

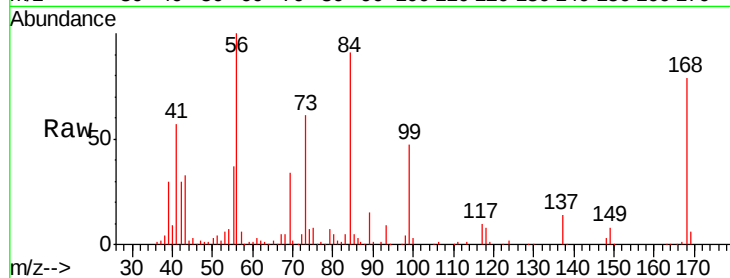
Tgt Ion: 56 Resp: 118694

Ion Ratio Lower Upper

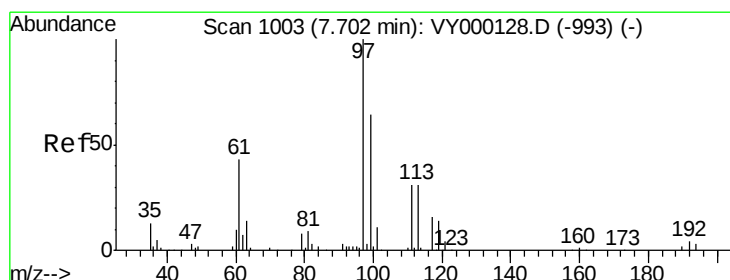
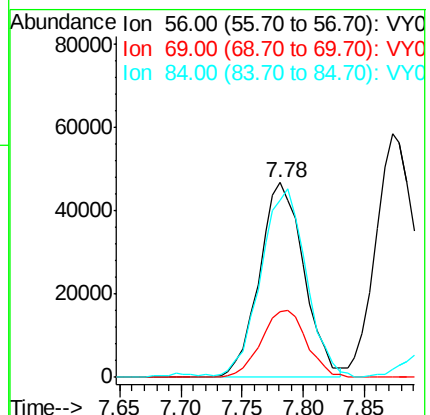
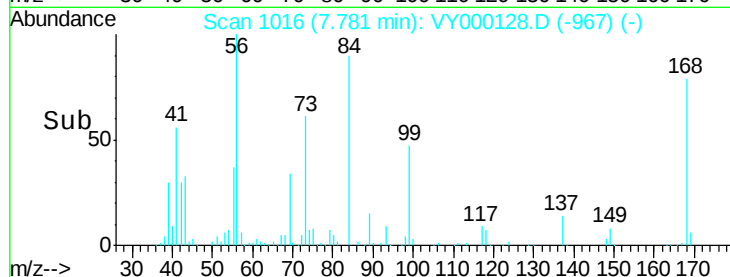
56 100

69 33.9 27.1 40.7

84 89.1 71.3 106.9



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



#32

1,1,1-Trichloroethane

Concen: 48.303 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

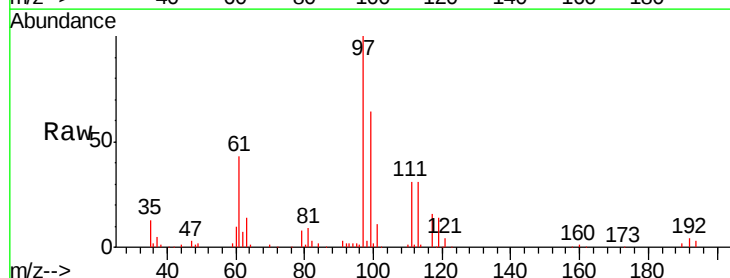
Tgt Ion: 97 Resp: 101116

Ion Ratio Lower Upper

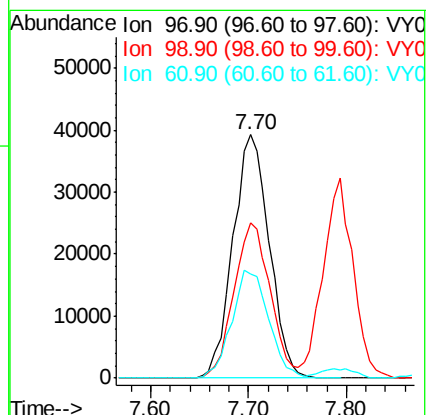
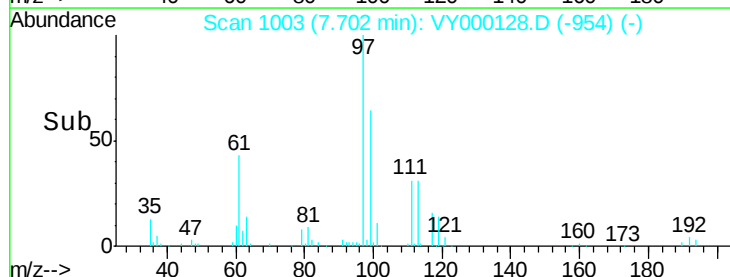
97 100

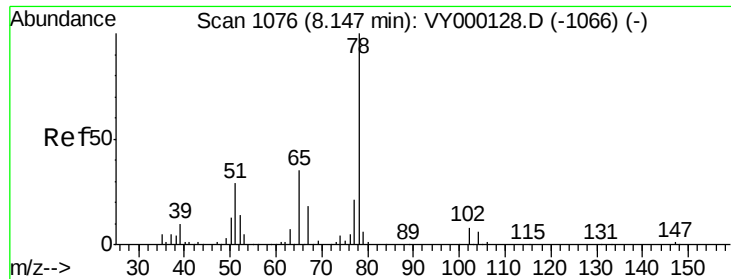
99 64.1 51.3 76.9

61 45.0 36.0 54.0



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

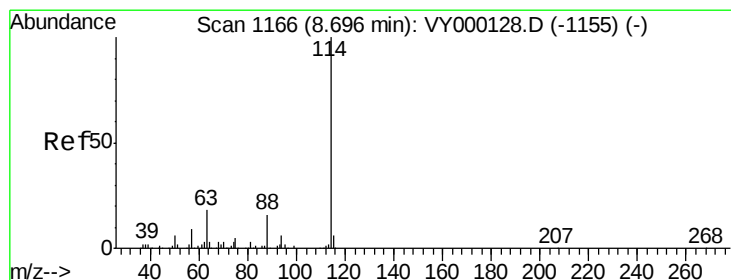
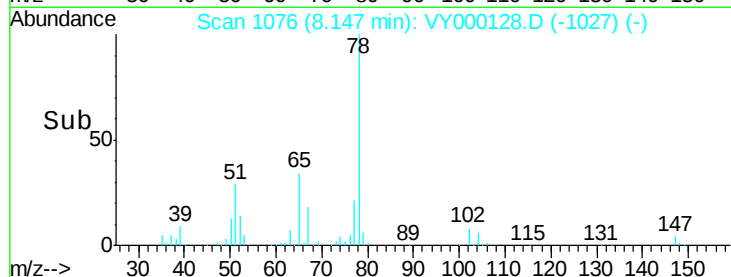
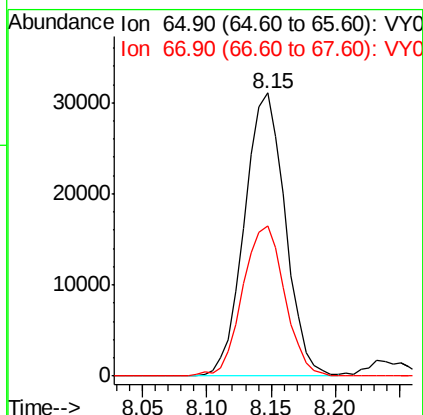
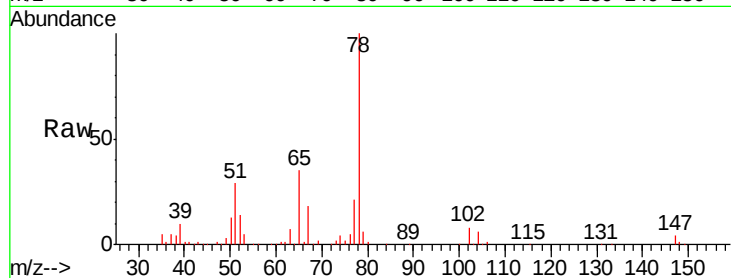




#33
 1,2-Dichloroethane-d4
 Concen: 50.398 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

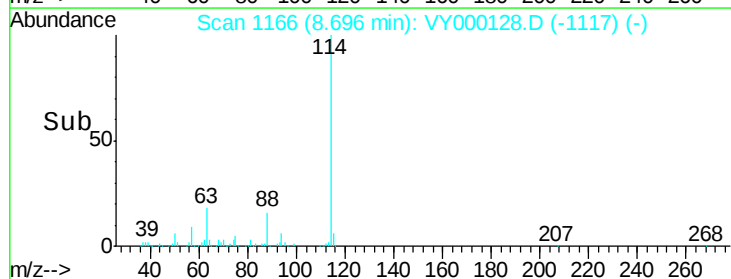
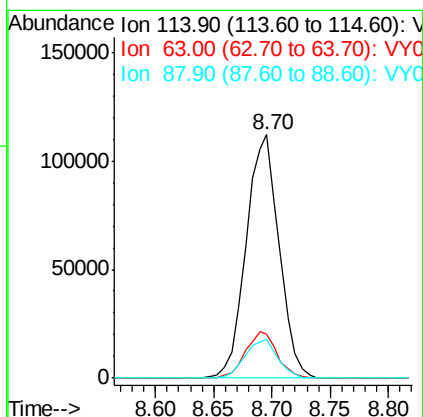
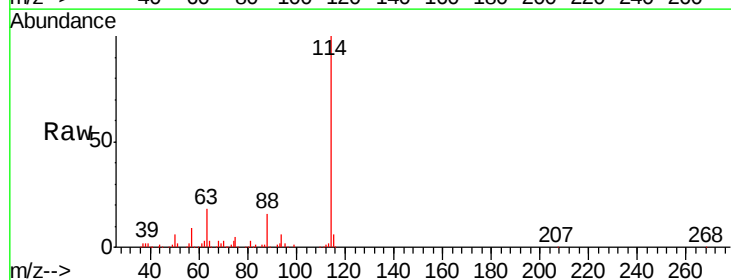
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

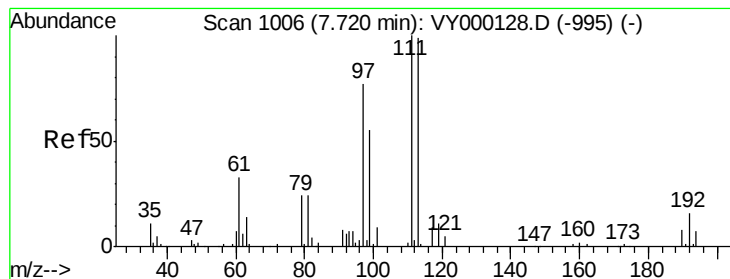
Tgt Ion: 65 Resp: 67910
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion: 114 Resp: 220692
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.488 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

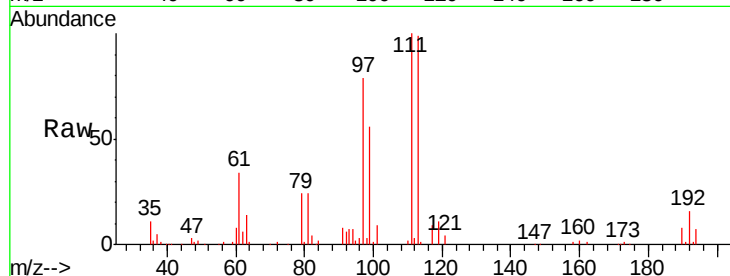
Tgt Ion:113 Resp: 63979

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

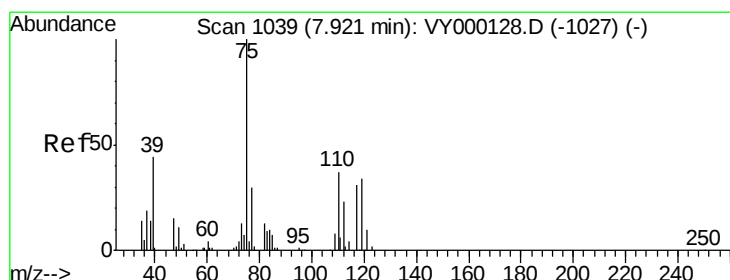
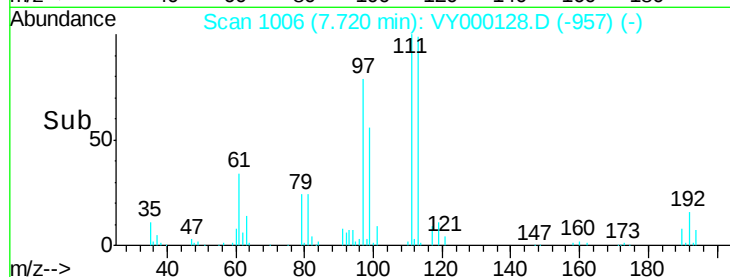
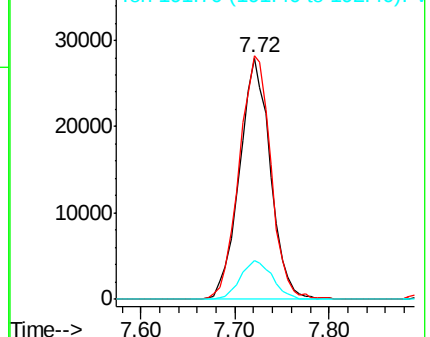
192 16.9 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.643 ug/l

RT: 7.92 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

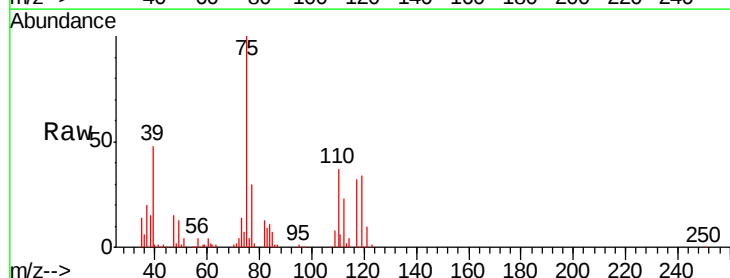
Tgt Ion: 75 Resp: 99398

Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.3

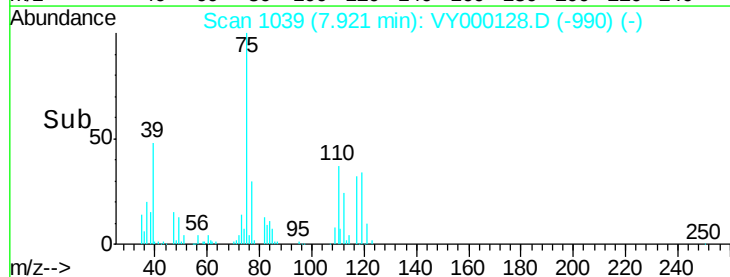
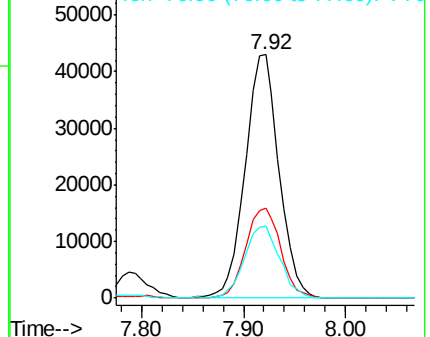
77 30.9 24.7 37.1

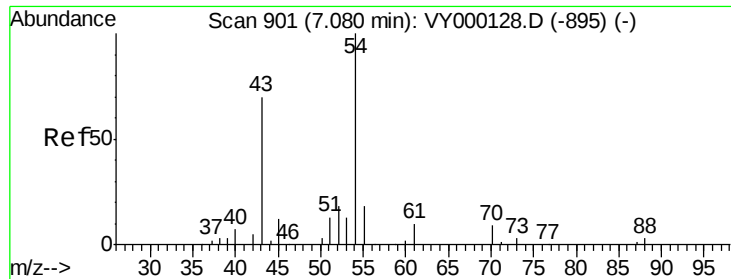


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

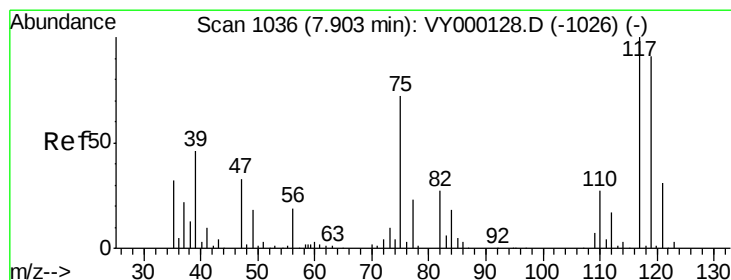
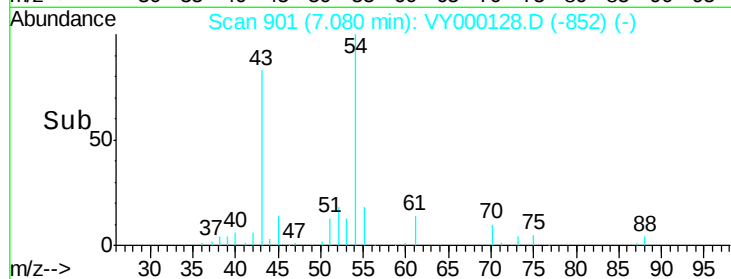
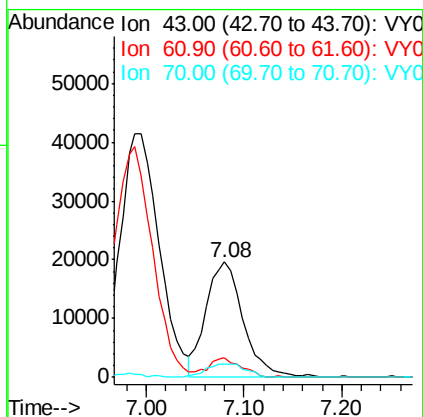
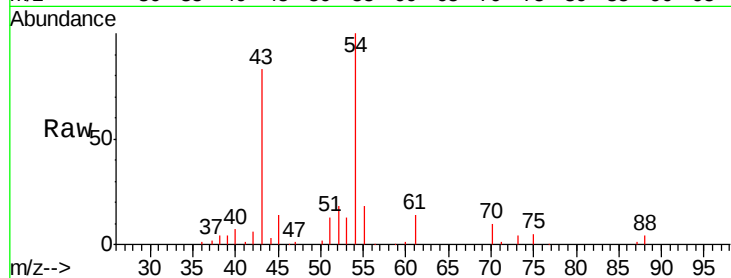




#37
Ethyl Acetate
Concen: 47.842 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

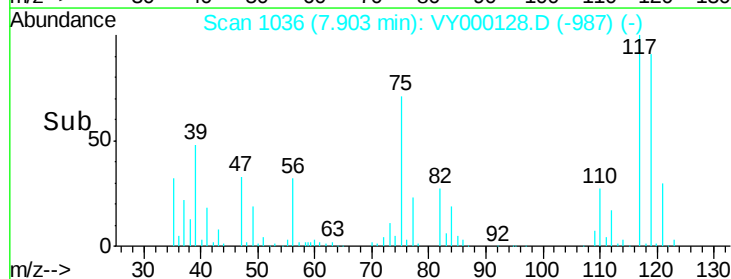
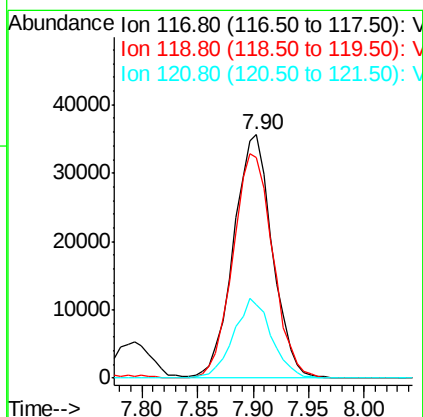
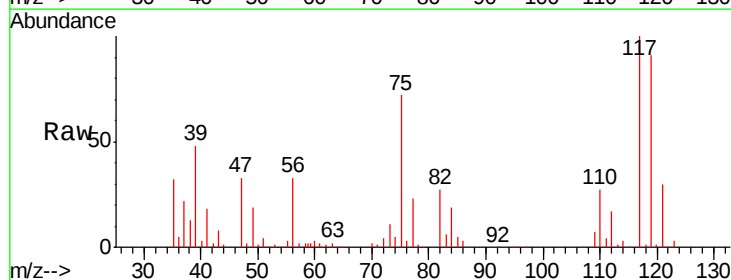
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

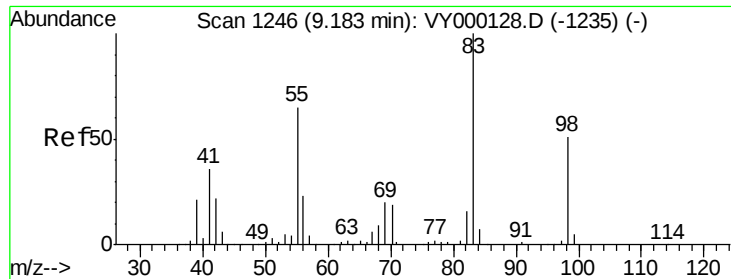
Tgt Ion: 43 Resp: 51629
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 12.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.096 ug/l
RT: 7.90 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 117 Resp: 86103
Ion Ratio Lower Upper
117 100
119 90.7 72.6 108.8
121 30.4 24.3 36.5

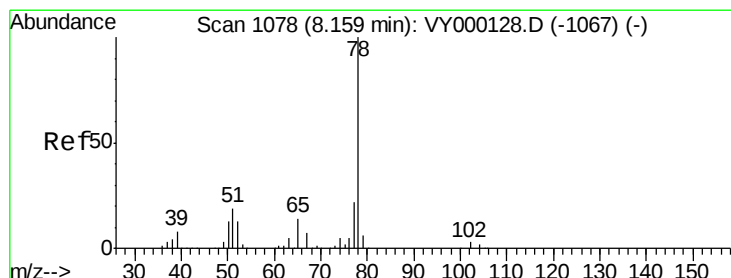
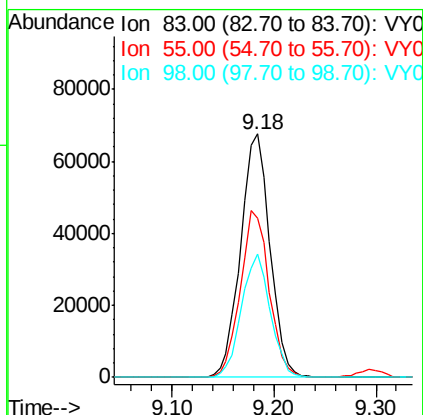
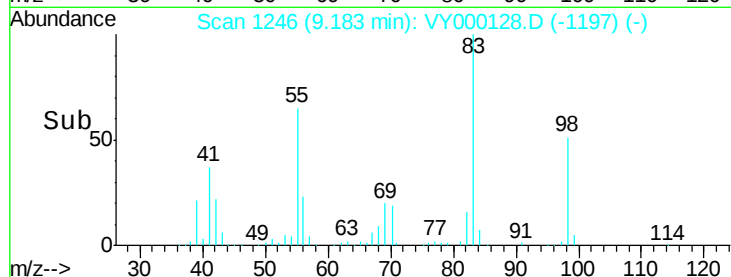
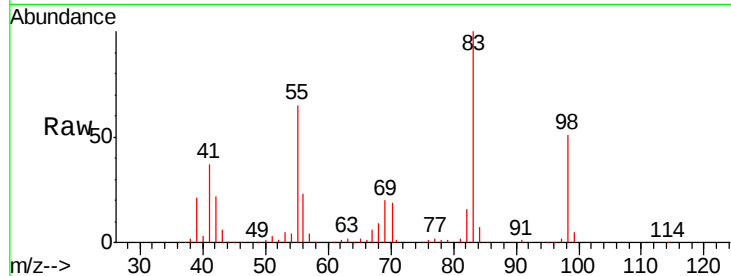




#39
Methylcyclohexane
Concen: 48.230 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

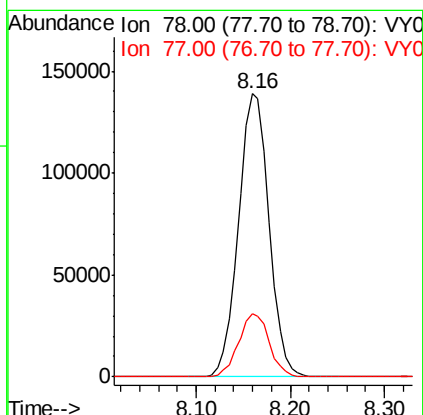
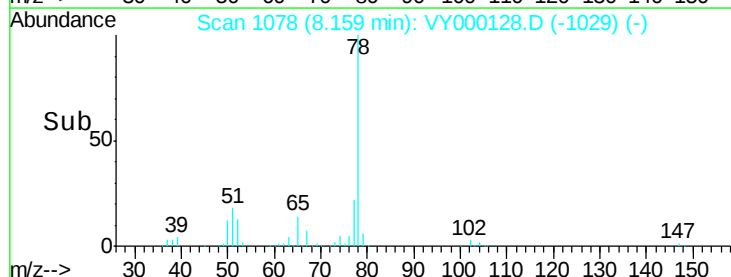
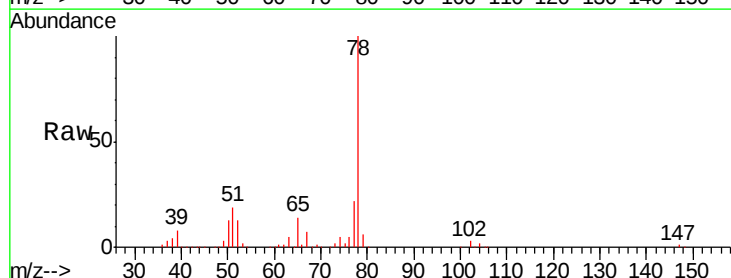
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

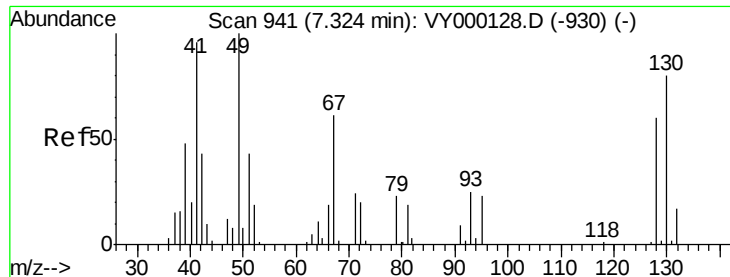
Tgt Ion: 83 Resp: 135549
Ion Ratio Lower Upper
83 100
55 65.4 52.3 78.5
98 50.8 40.6 61.0



#40
Benzene
Concen: 49.756 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 78 Resp: 313796
Ion Ratio Lower Upper
78 100
77 22.4 17.9 26.9

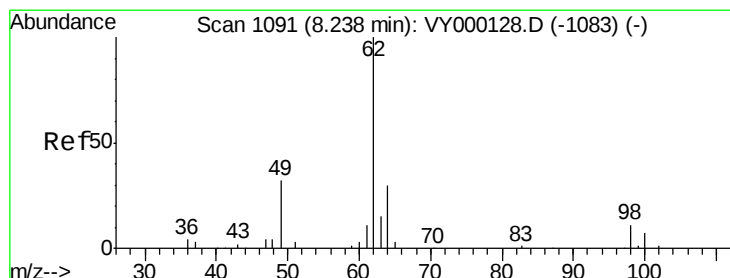
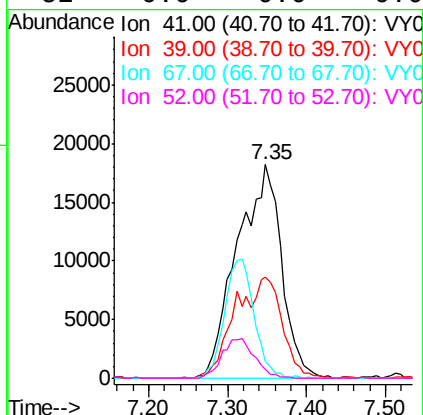
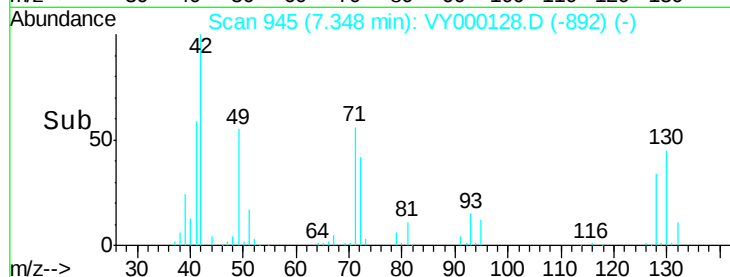
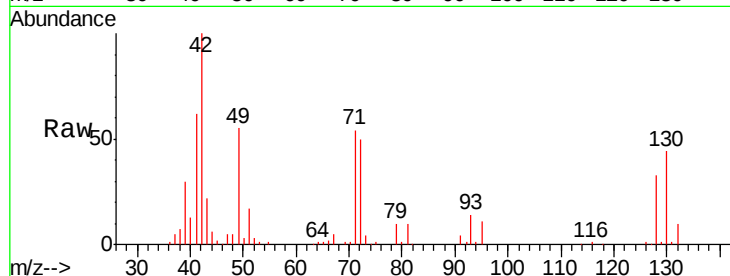




#41
Methacrylonitrile
Concen: 83.043 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.02 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

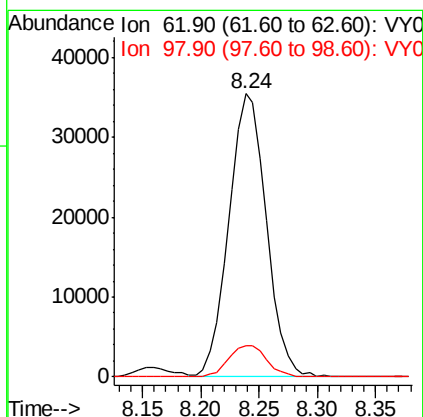
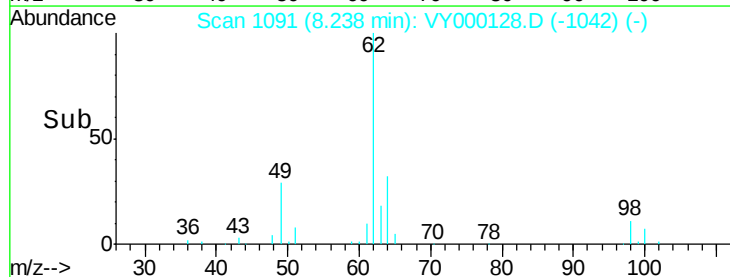
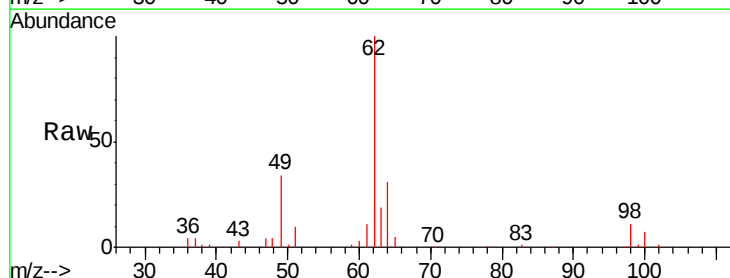
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

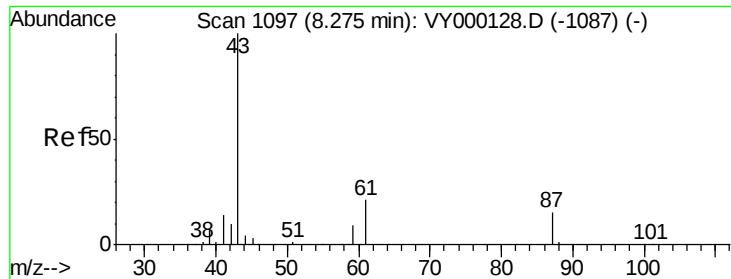
Tgt Ion: 41 Resp: 71119
Ion Ratio Lower Upper
41 100
39 28.4 53.4 80.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.361 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 62 Resp: 79385
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.4

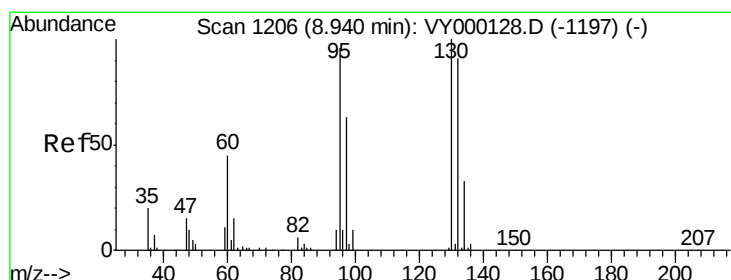
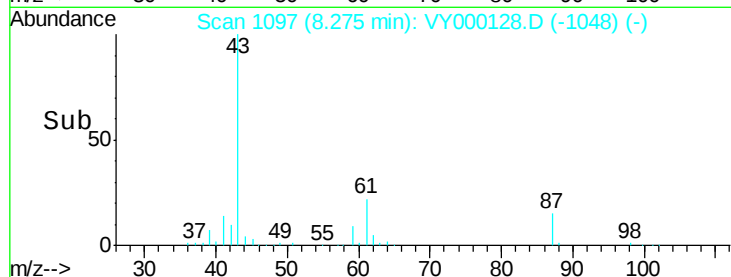
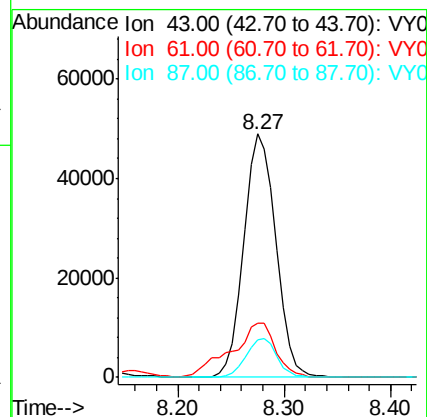
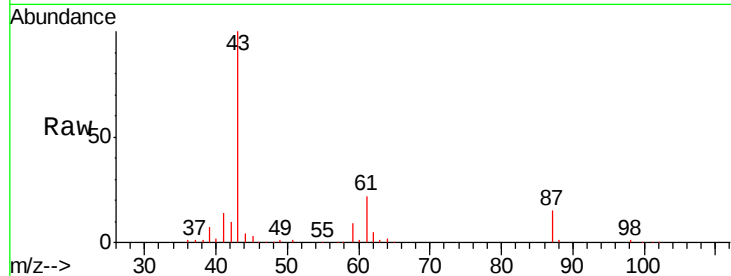




#43
Isopropyl Acetate
Concen: 48.012 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

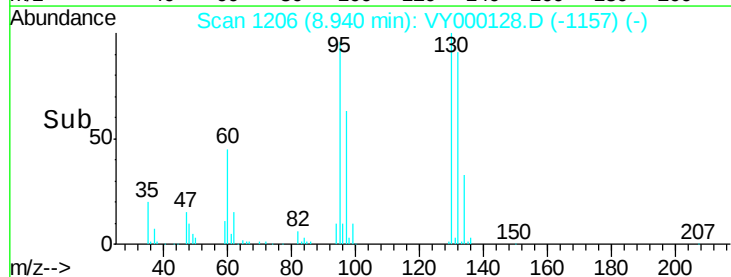
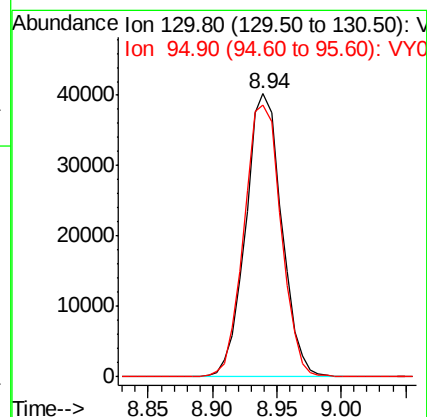
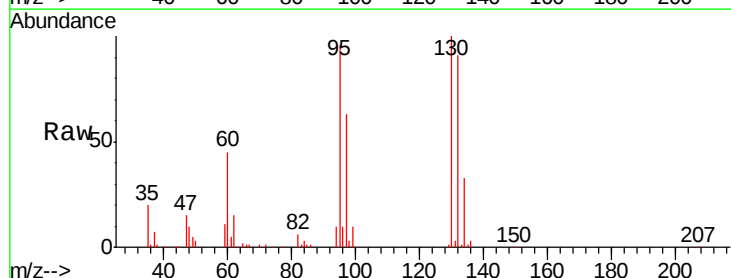
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

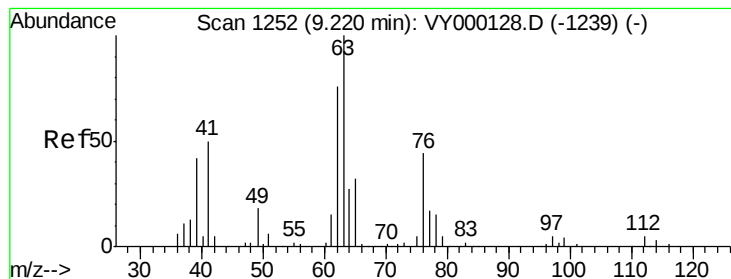
Tgt Ion: 43 Resp: 103636
Ion Ratio Lower Upper
43 100
61 30.8 24.6 37.0
87 15.6 12.5 18.7



#44
Trichloroethene
Concen: 49.614 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 130 Resp: 77693
Ion Ratio Lower Upper
130 100
95 96.0 0.0 192.0





#45

1,2-Dichloropropane

Concen: 46.327 ug/l

RT: 9.22 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

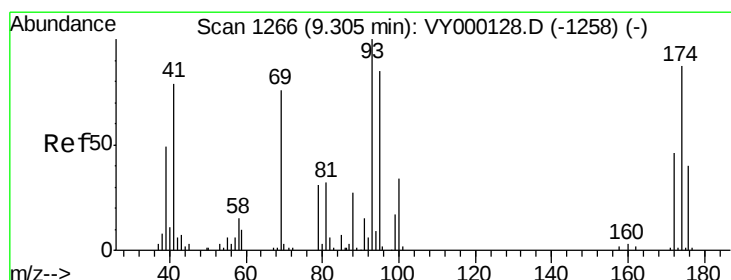
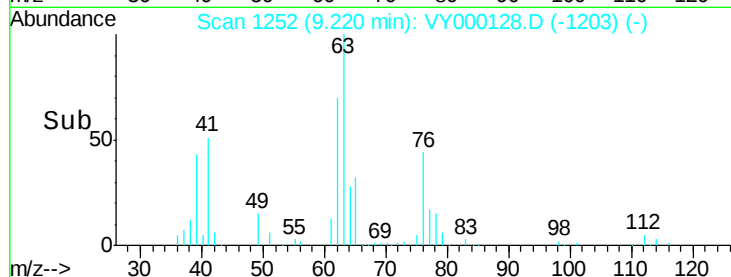
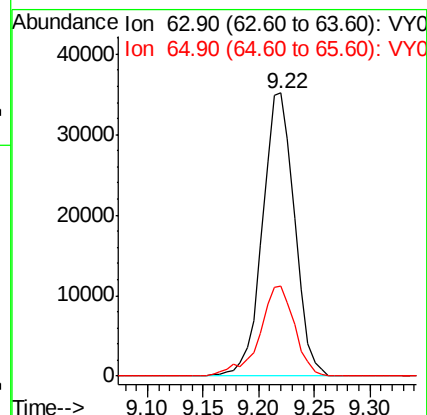
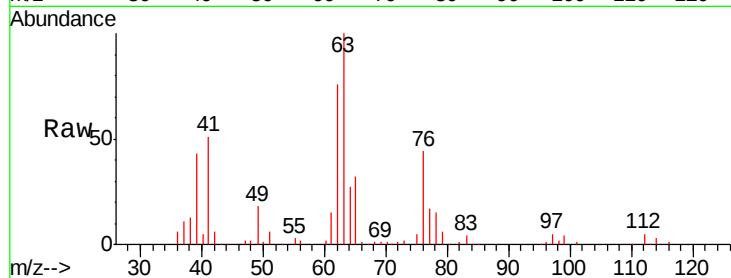
VSTDICCC050

Tgt Ion: 63 Resp: 70570

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 47.628 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

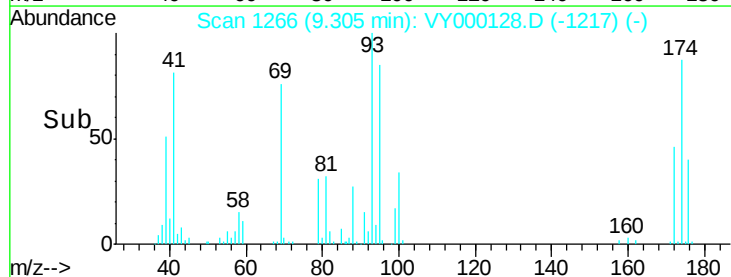
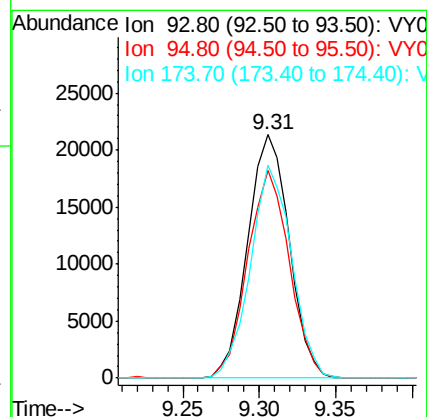
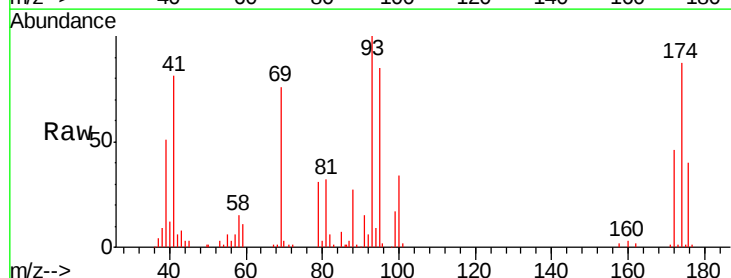
Tgt Ion: 93 Resp: 40349

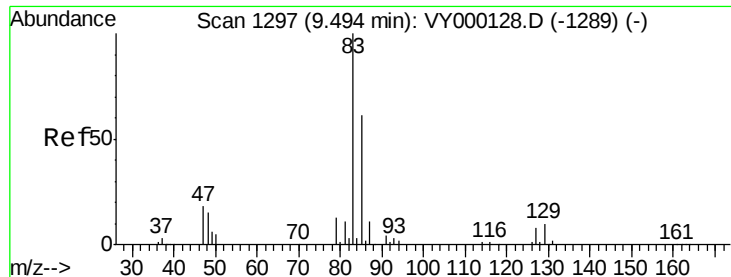
Ion Ratio Lower Upper

93 100

95 85.8 68.6 103.0

174 86.7 69.4 104.0





#47

Bromodichloromethane

Concen: 49.017 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

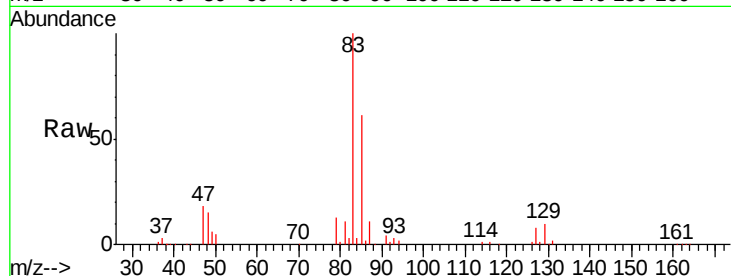
Tgt Ion: 83 Resp: 95078

Ion Ratio Lower Upper

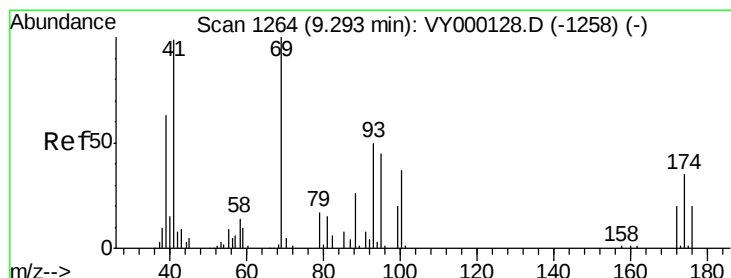
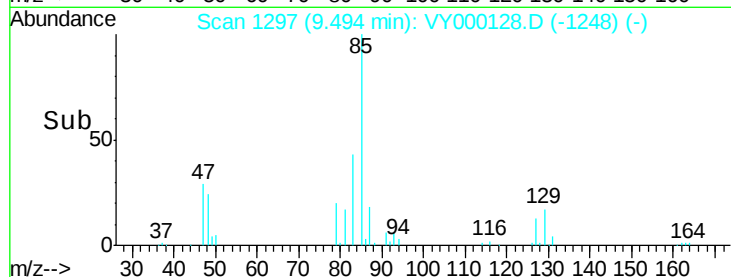
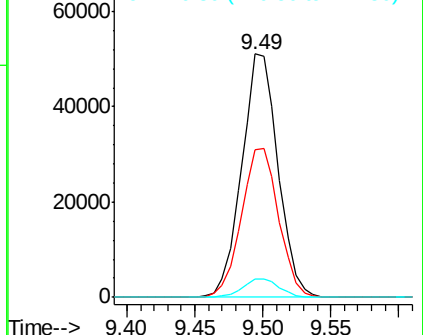
83 100

85 60.8 48.6 73.0

127 7.8 6.2 9.4



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: 48.292 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

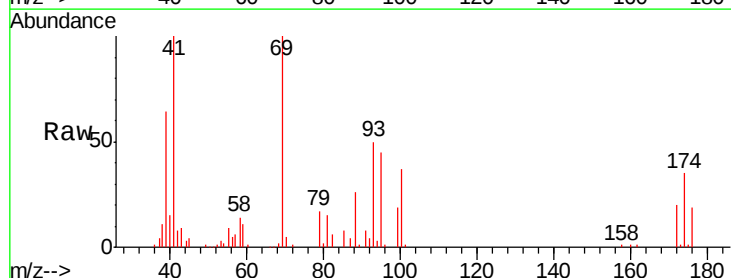
Tgt Ion: 41 Resp: 44545

Ion Ratio Lower Upper

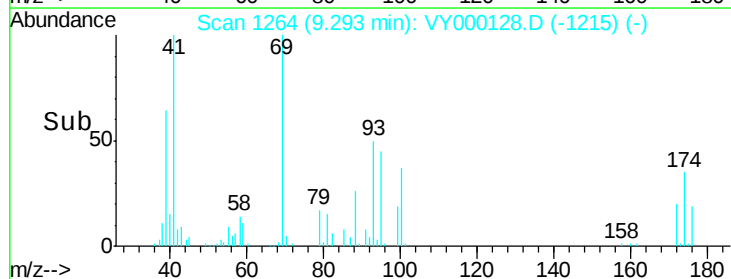
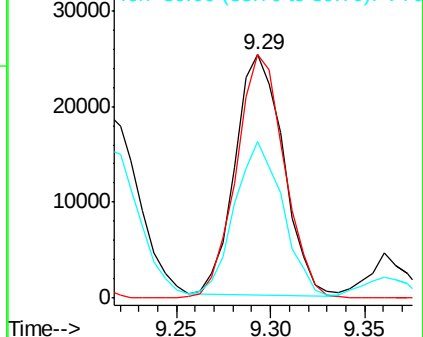
41 100

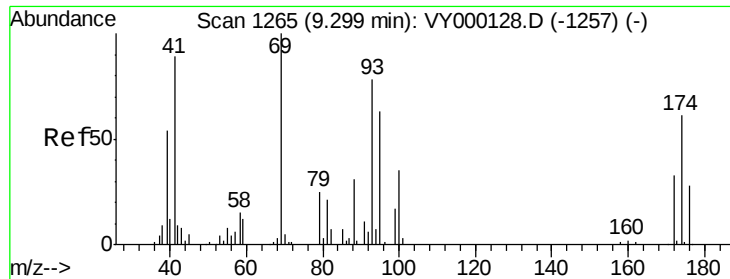
69 101.3 81.0 121.6

39 66.5 53.2 79.8



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





#49

1,4-Dioxane

Concen: 1070.641 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

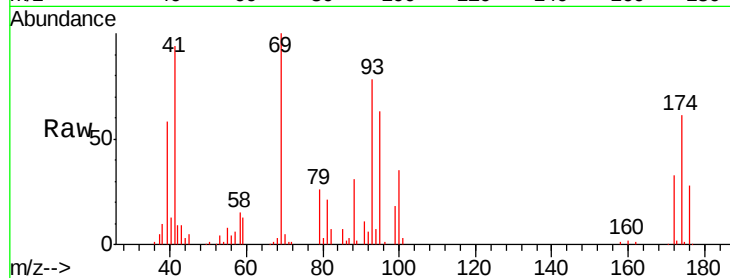
Tgt Ion: 88 Resp: 14319

Ion Ratio Lower Upper

88 100

43 28.2 22.6 33.8

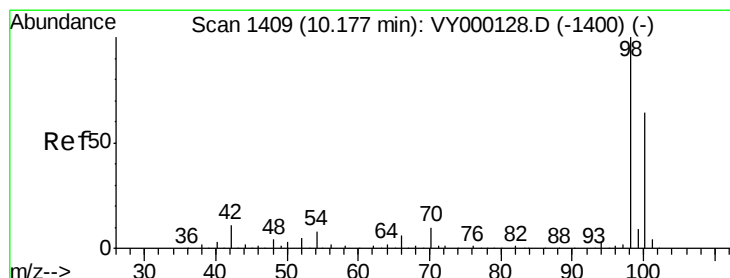
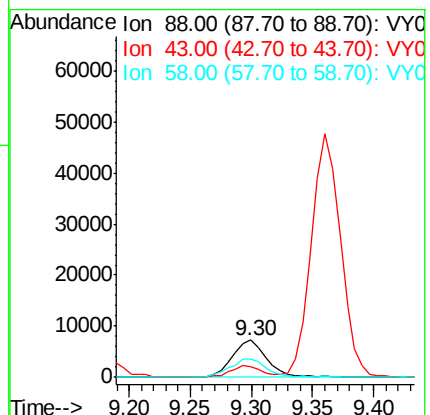
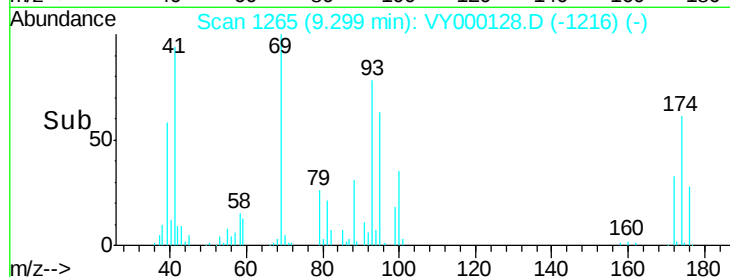
58 53.1 42.5 63.7



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: 52.731 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VY000128.D

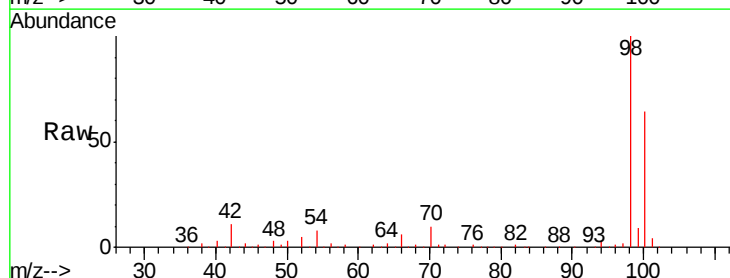
Acq: 23 Sep 2019 12:09

Tgt Ion: 98 Resp: 269002

Ion Ratio Lower Upper

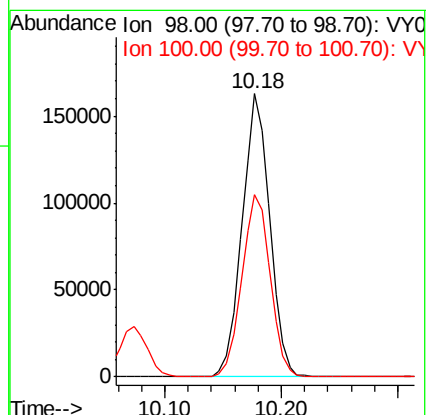
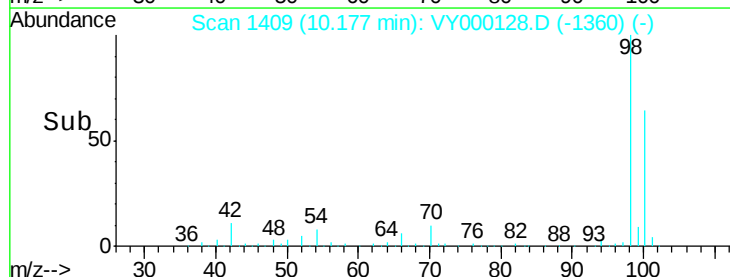
98 100

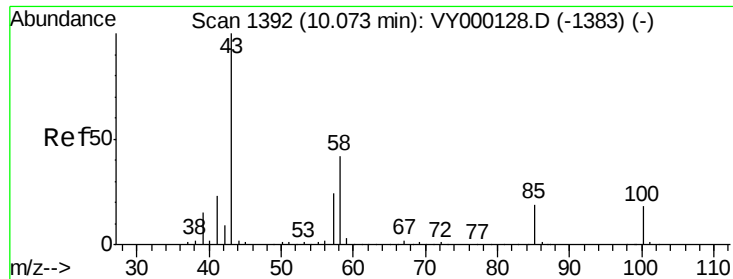
100 65.9 52.7 79.1



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: 246.070 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

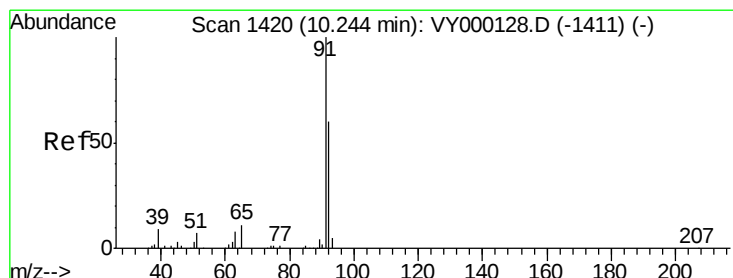
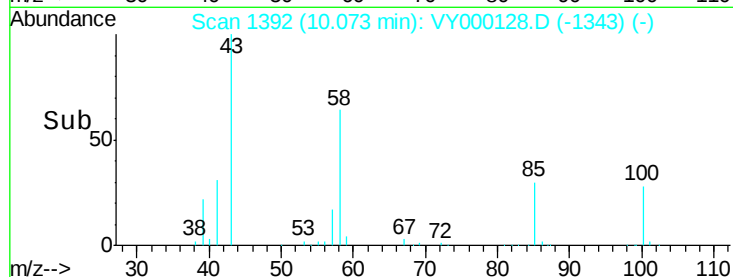
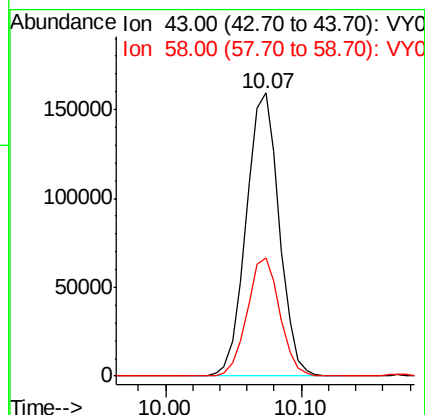
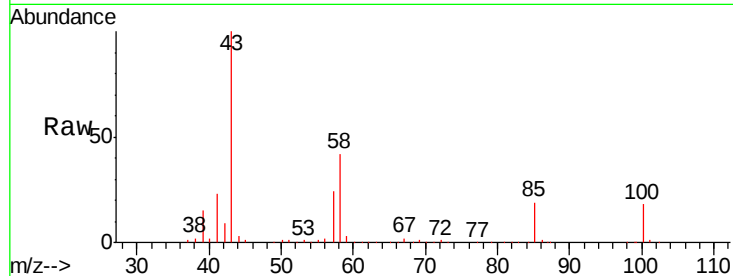
VSTDICCC050

Tgt Ion: 43 Resp: 270656

Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.6



#52

Toluene

Concen: 48.785 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VY000128.D

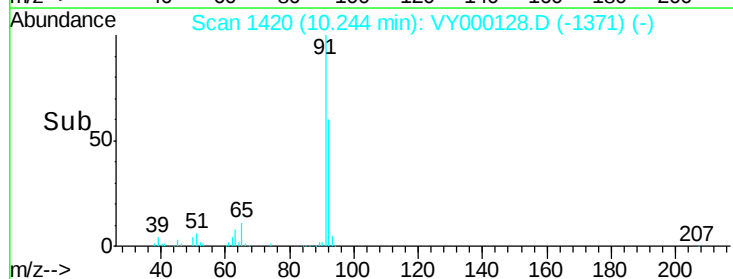
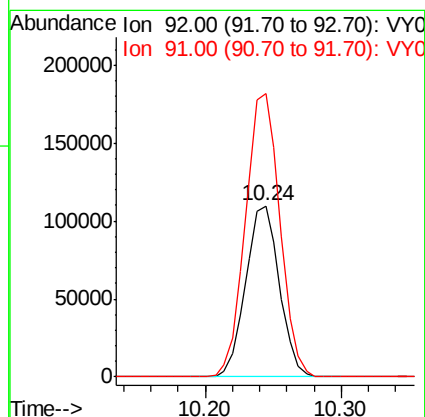
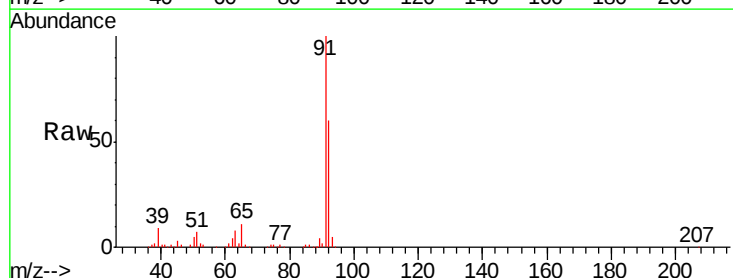
Acq: 23 Sep 2019 12:09

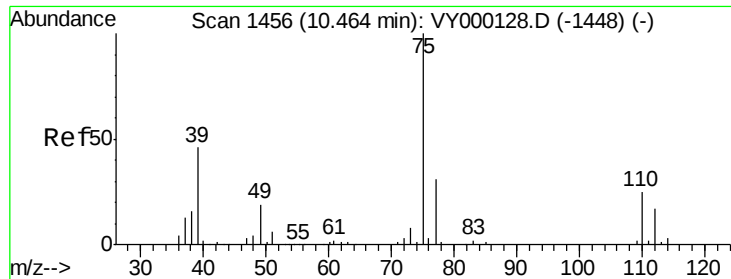
Tgt Ion: 92 Resp: 190123

Ion Ratio Lower Upper

92 100

91 169.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 48.530 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

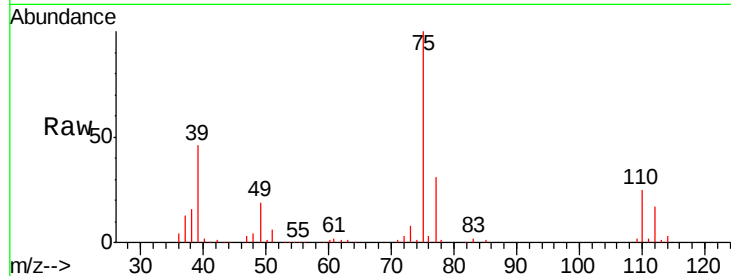
VSTDICCC050

Tgt Ion: 75 Resp: 102648

Ion Ratio Lower Upper

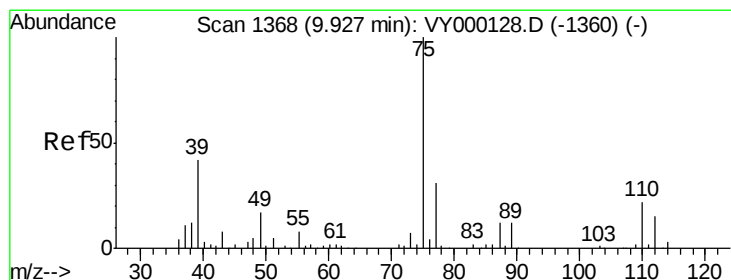
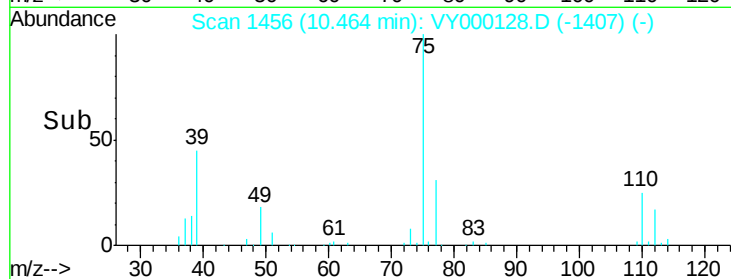
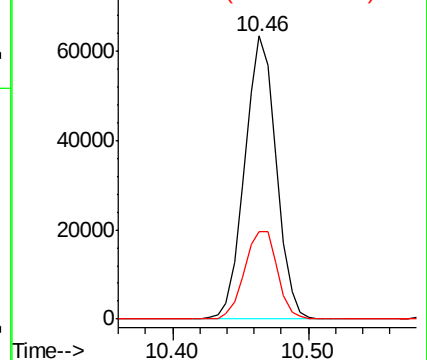
75 100

77 31.1 24.9 37.3



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: 50.578 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

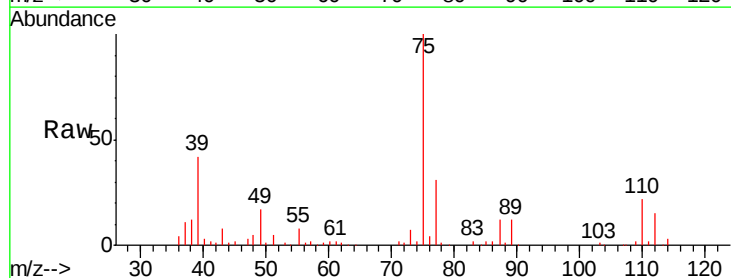
Tgt Ion: 75 Resp: 124032

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

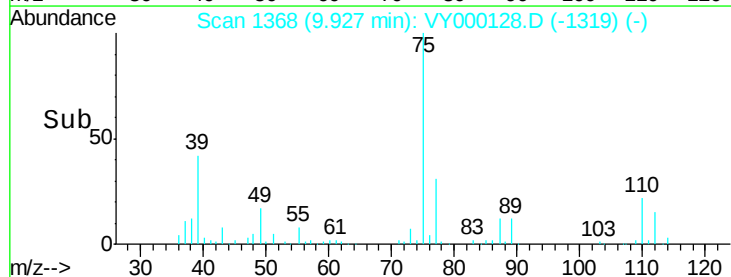
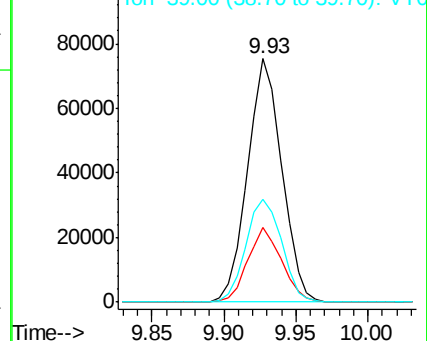
39 42.2 33.8 50.6

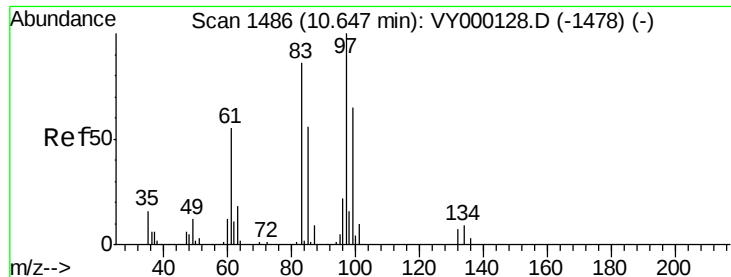


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

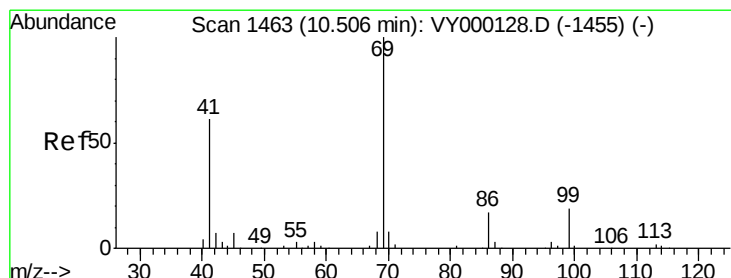
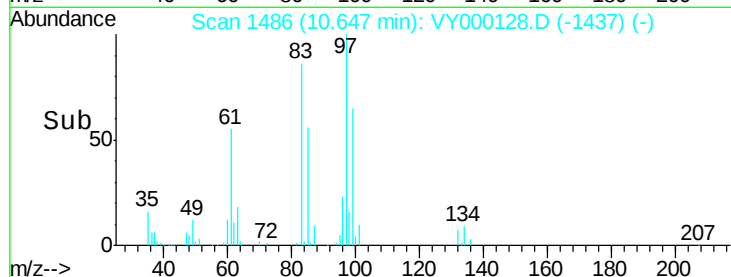
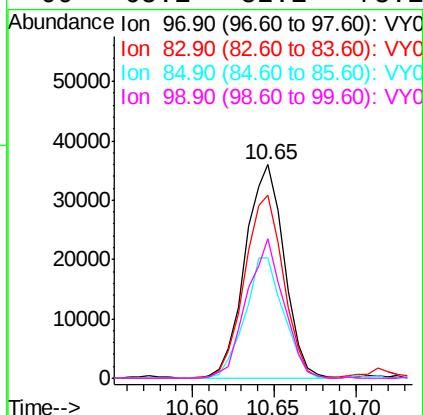
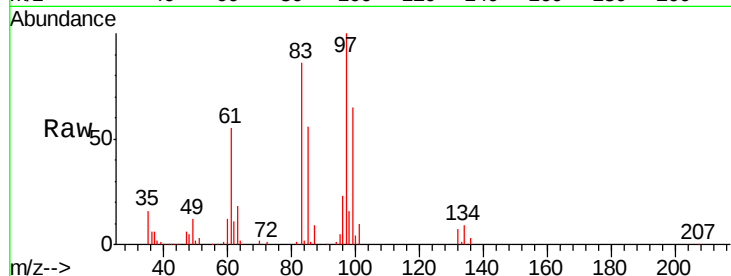




#55
 1,1,2-Trichloroethane
 Concen: 49.375 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

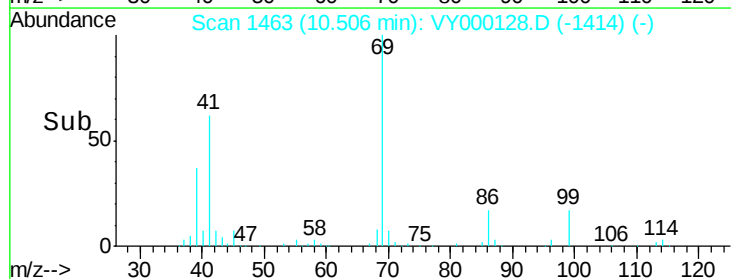
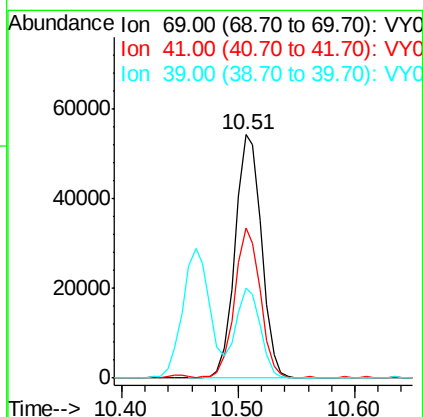
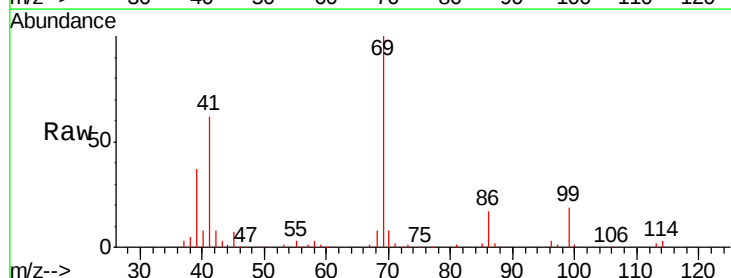
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

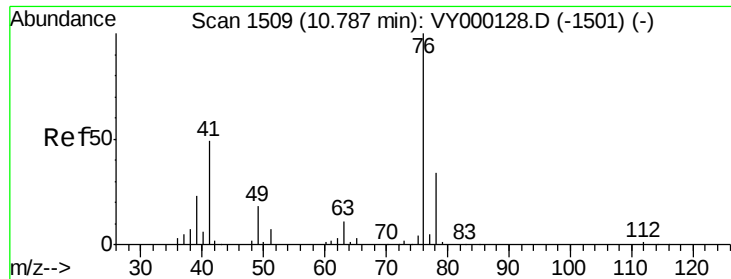
Tgt Ion:	97	Resp:	59901
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.8	103.2
85	56.1	44.9	67.3
99	65.1	52.1	78.1



#56
 Ethyl methacrylate
 Concen: 50.231 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion:	69	Resp:	85838
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	34.2	27.4	41.0

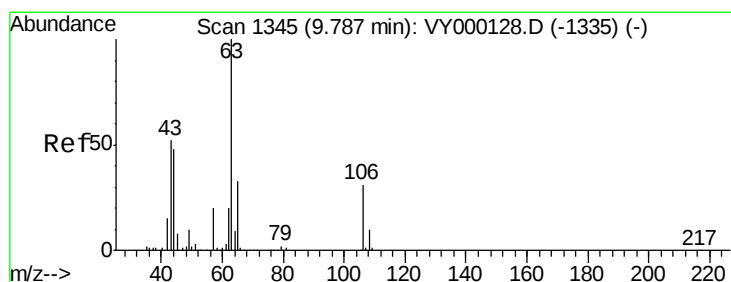
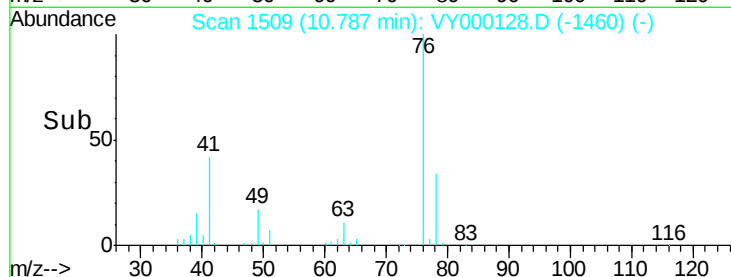
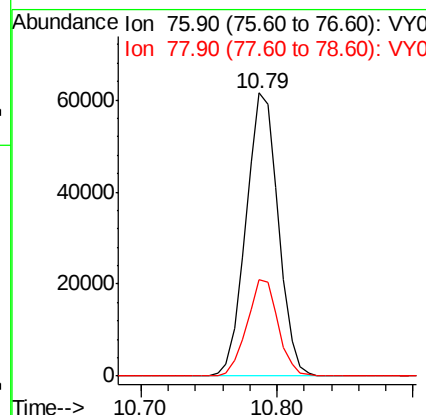
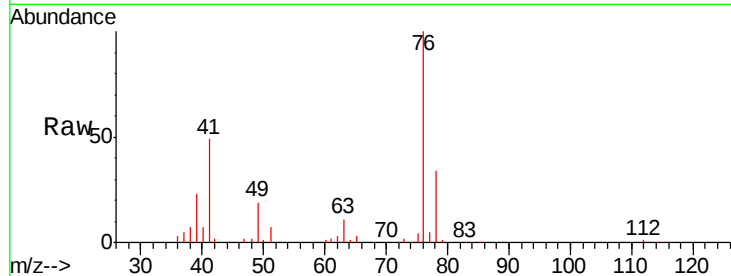




#57
 1,3-Dichloropropane
 Concen: 48.339 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

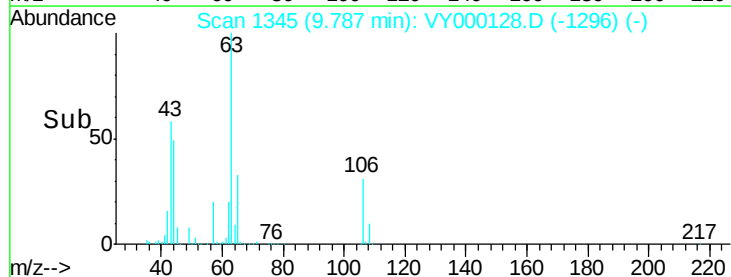
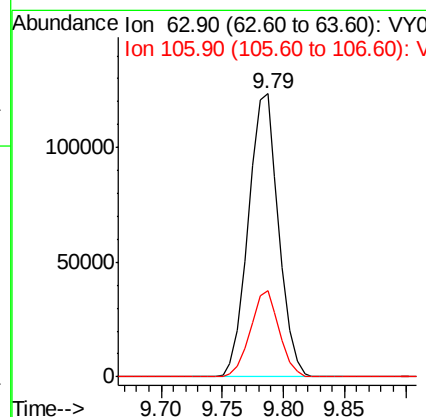
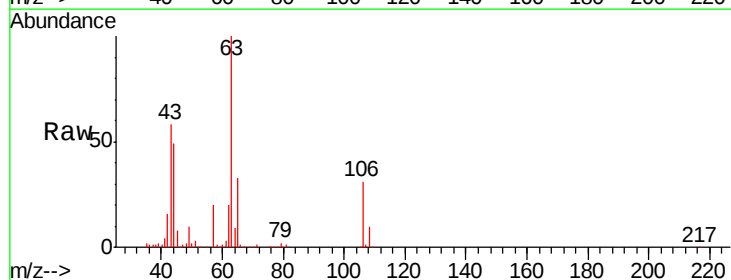
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

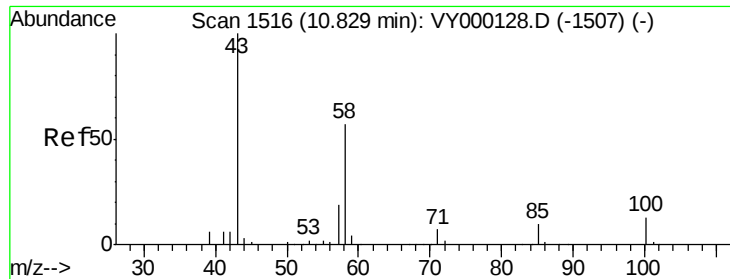
Tgt Ion: 76 Resp: 101953
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.916 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion: 63 Resp: 211690
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

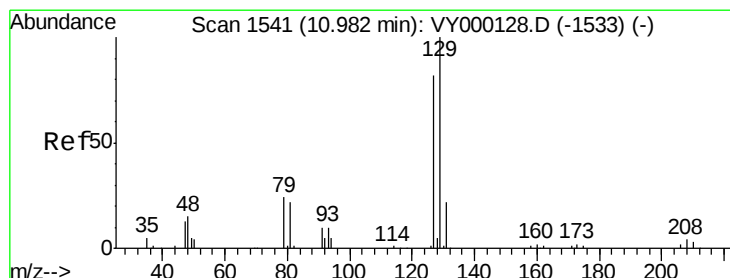
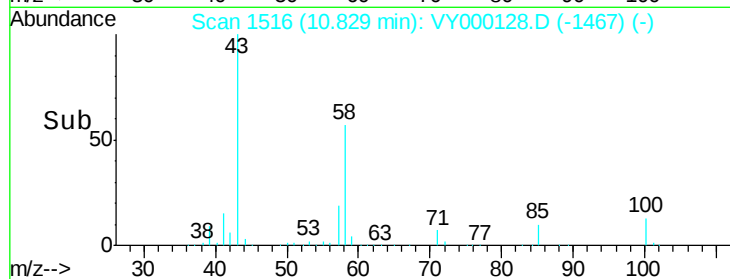
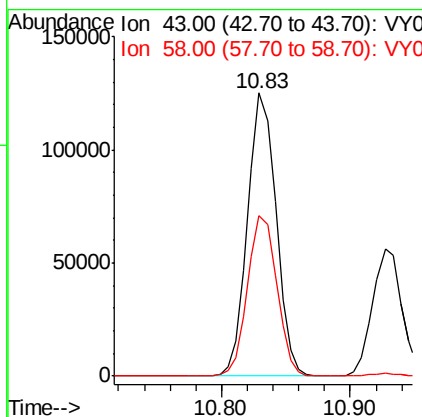
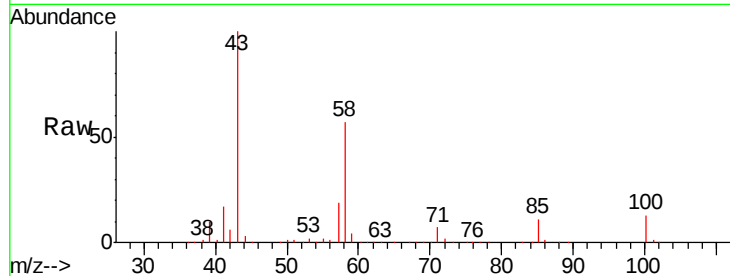




#59
2-Hexanone
Concen: 249.209 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

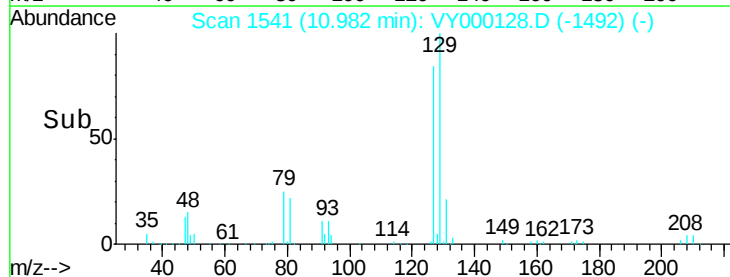
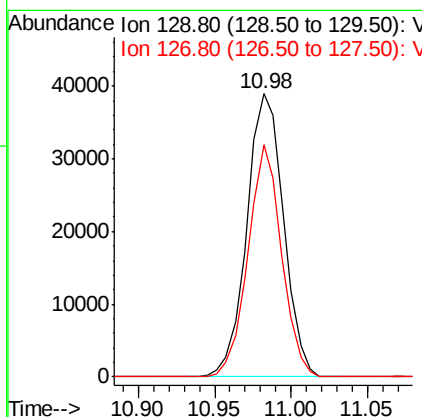
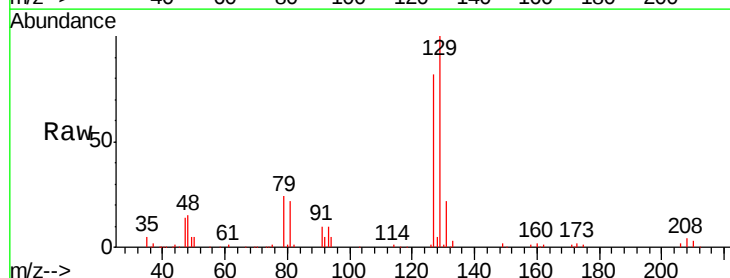
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

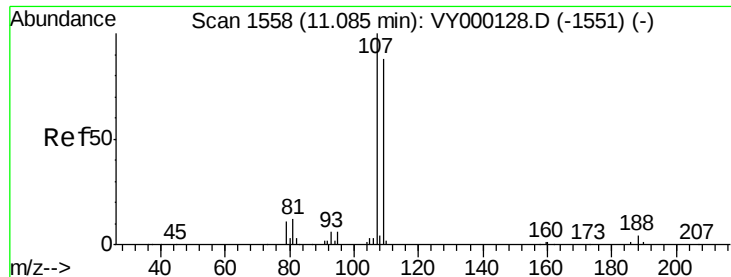
Tgt Ion: 43 Resp: 192002
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3



#60
Dibromochloromethane
Concen: 51.245 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 129 Resp: 64975
Ion Ratio Lower Upper
129 100
127 74.9 37.5 112.3

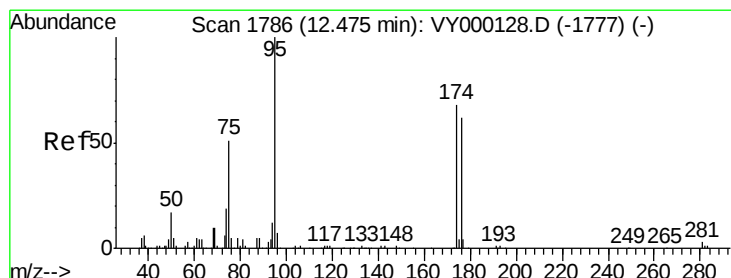
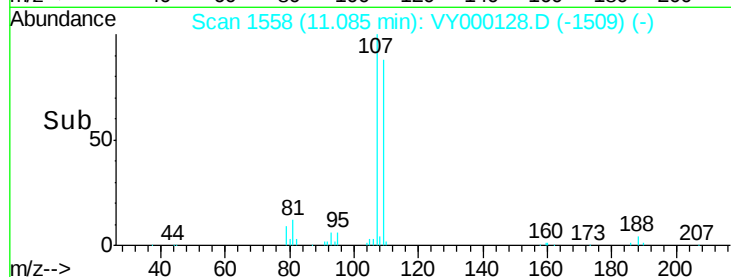
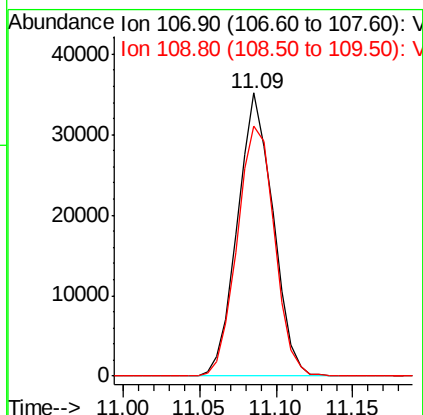
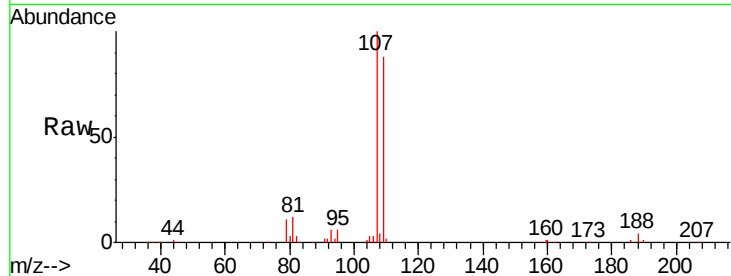




#61
 1,2-Dibromoethane
 Concen: 49.823 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

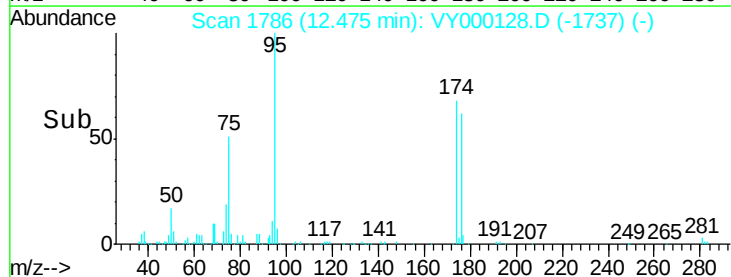
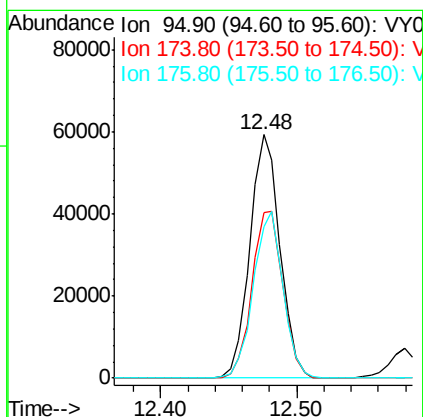
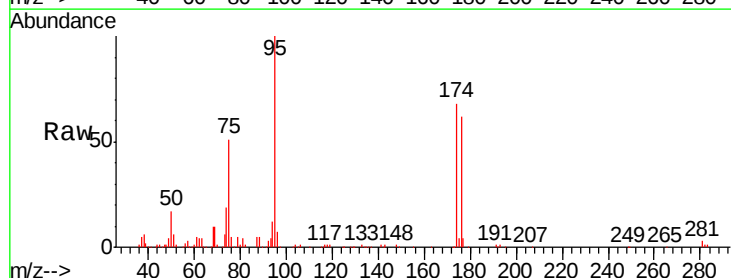
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

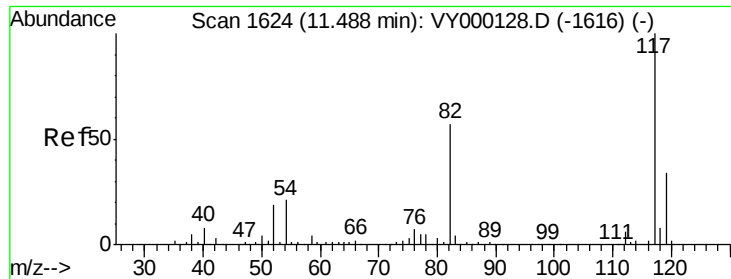
Tgt Ion: 107 Resp: 56806
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 49.031 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion: 95 Resp: 91992
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 140.8
 176 67.5 0.0 135.0

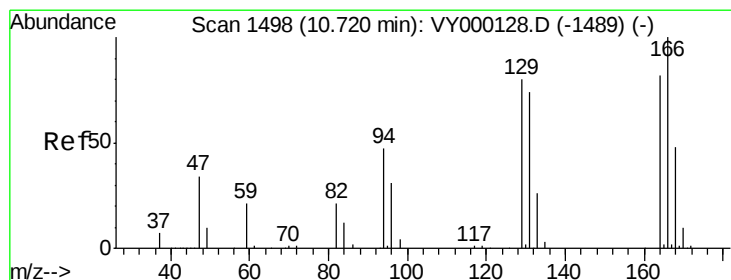
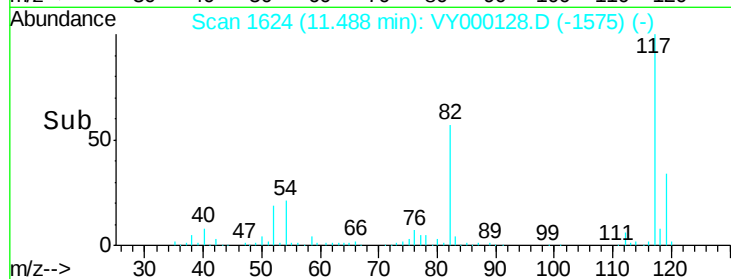
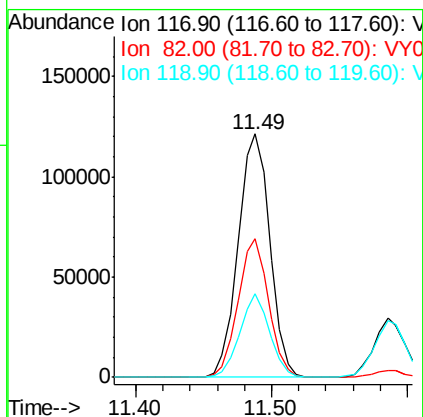
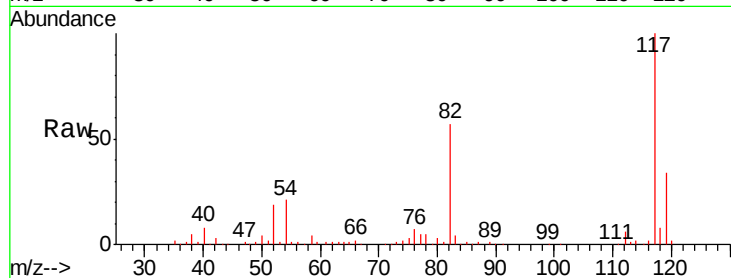




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

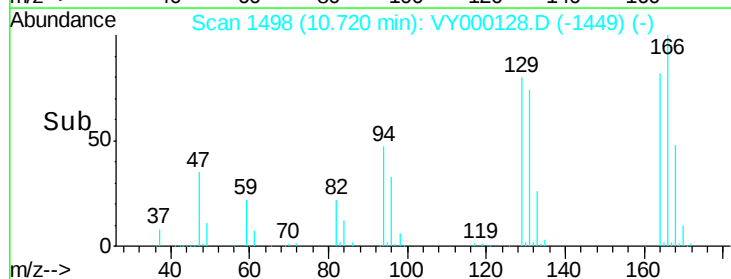
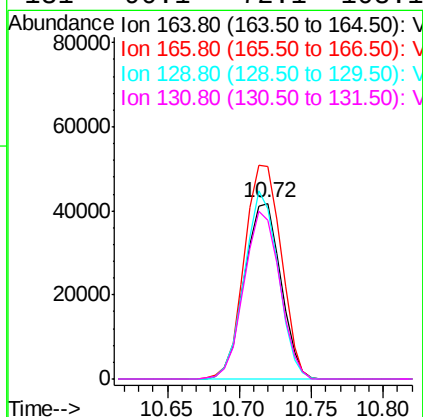
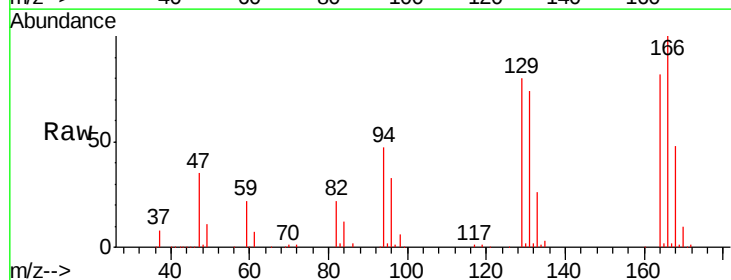
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

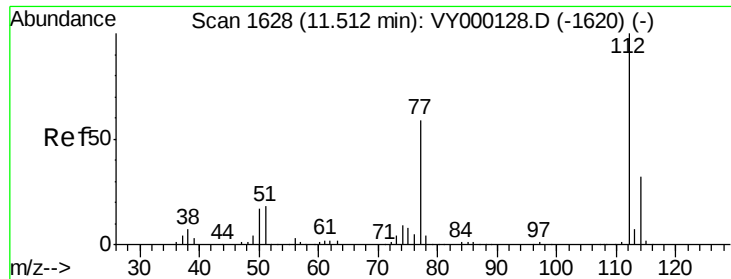
Tgt Ion:117 Resp: 196742
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 34.1 27.3 40.9



#64
Tetrachloroethene
Concen: 48.923 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion:164 Resp: 73265
Ion Ratio Lower Upper
164 100
166 121.3 97.0 145.6
129 97.0 77.6 116.4
131 90.1 72.1 108.1

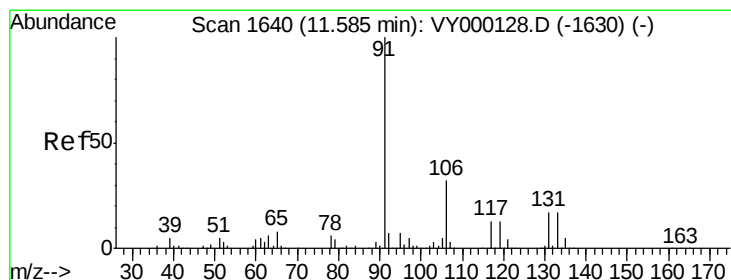
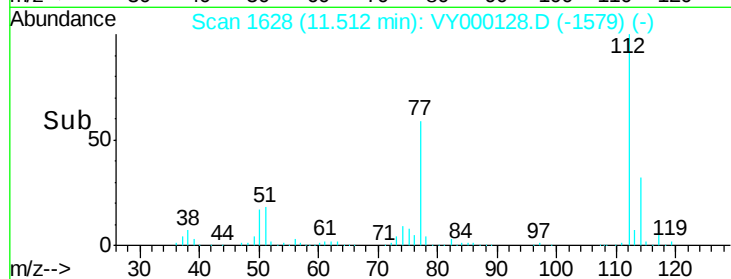
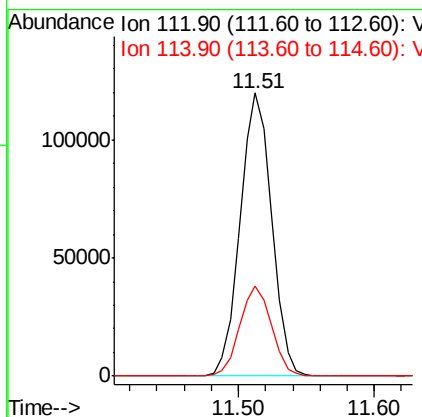
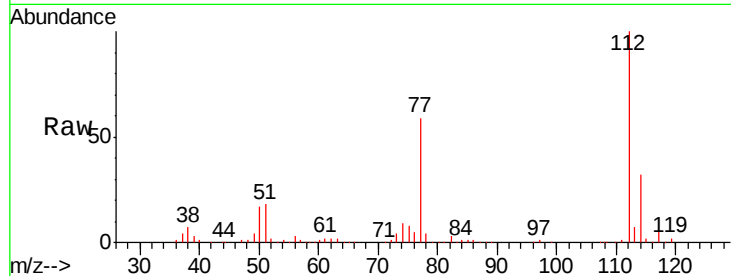




#65
Chlorobenzene
Concen: 48.428 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

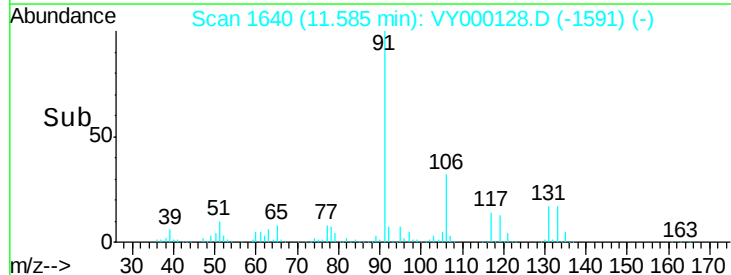
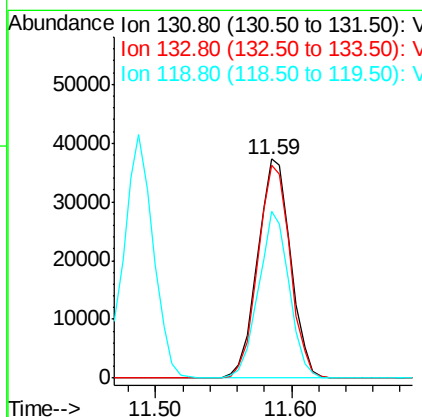
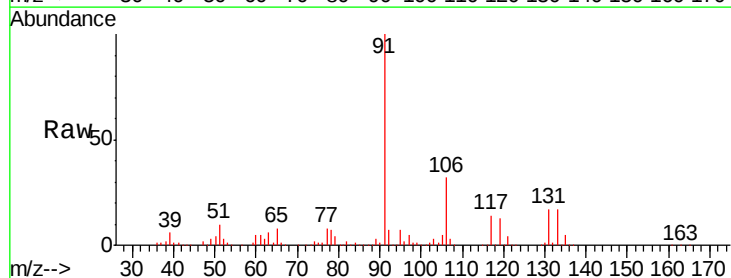
Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

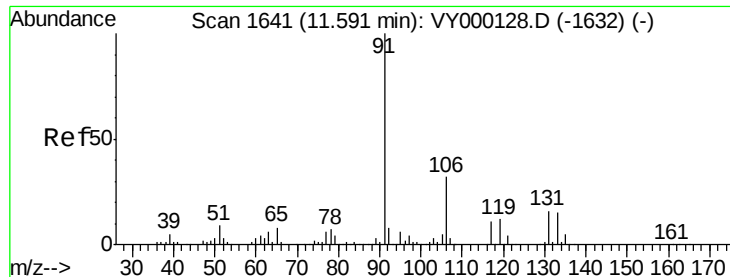
Tgt Ion:112 Resp: 193417
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion:131 Resp: 63572
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 70.8 35.4 106.2

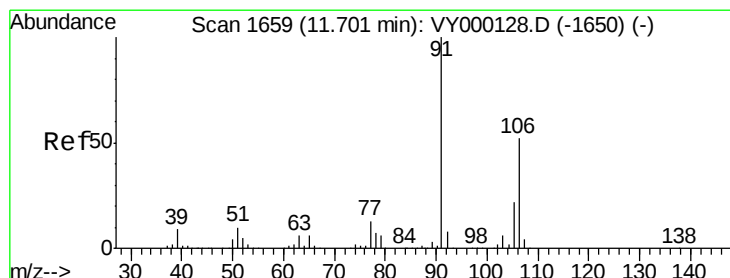
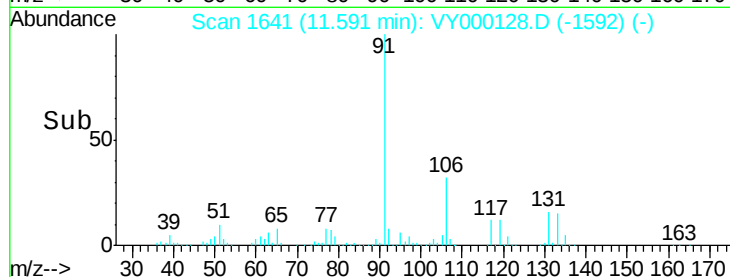
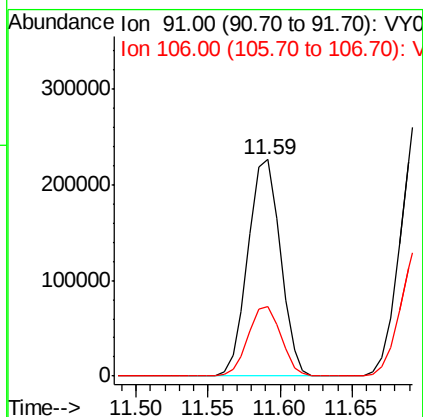
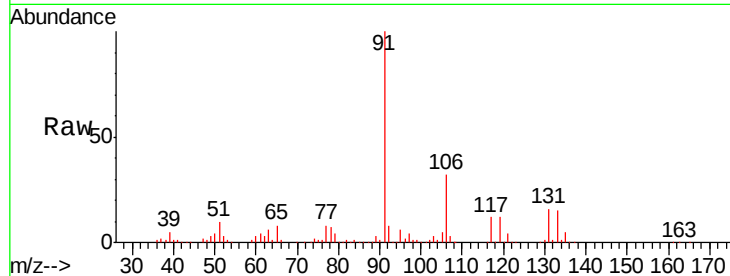




#67
Ethyl Benzene
Concen: 48.769 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

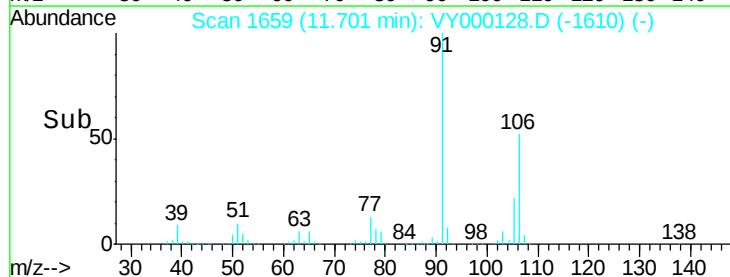
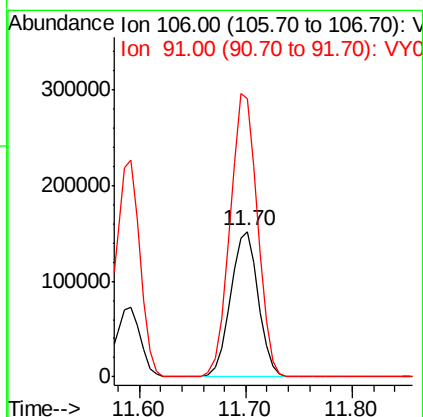
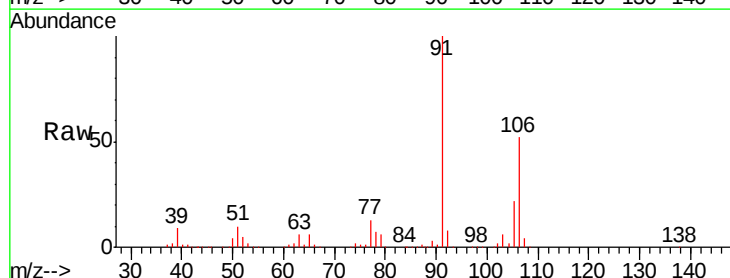
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

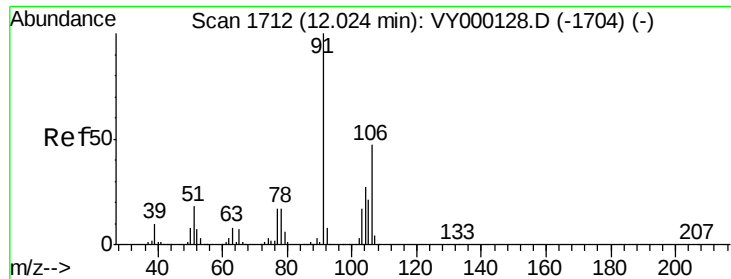
Tgt Ion: 91 Resp: 354052
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 98.835 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 106 Resp: 276695
Ion Ratio Lower Upper
106 100
91 193.3 154.6 232.0

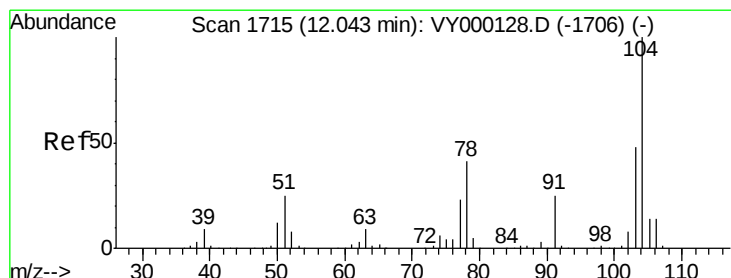
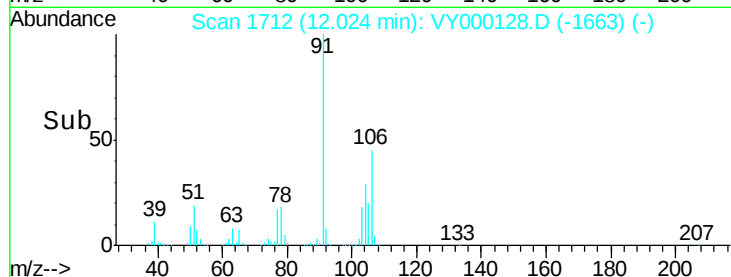
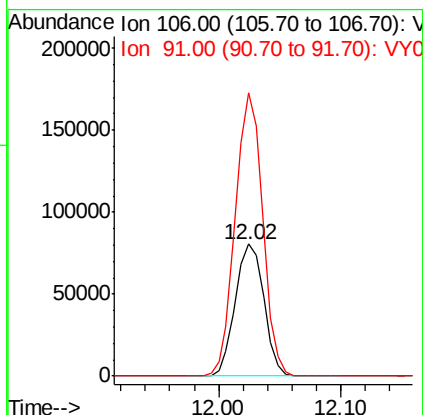
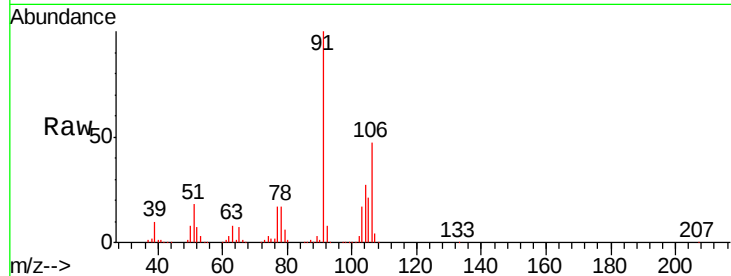




#69
o-Xylene
Concen: 48.843 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

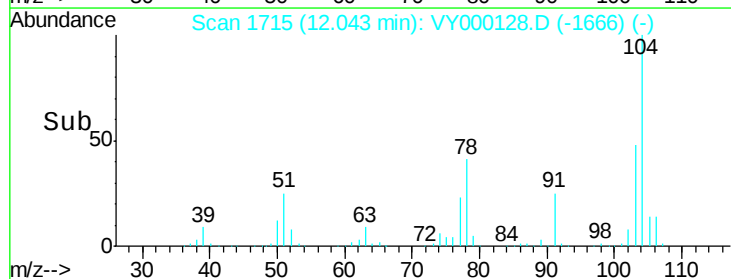
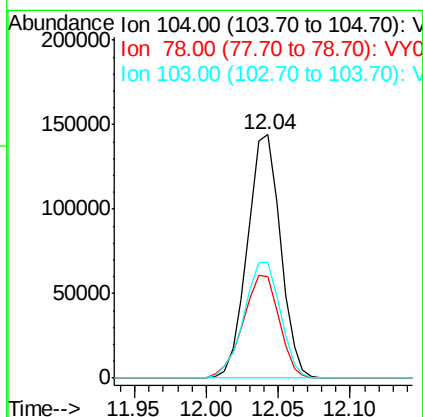
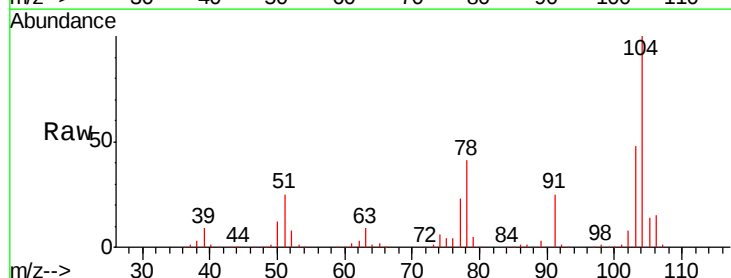
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

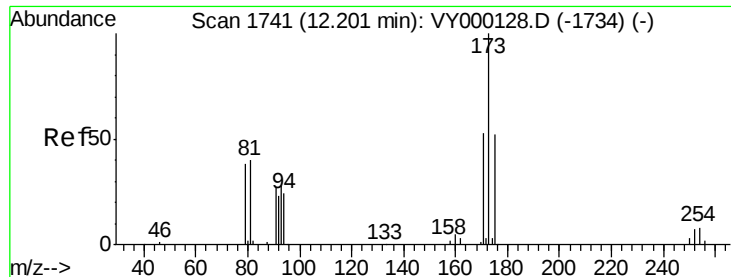
Tgt Ion:106 Resp: 130716
Ion Ratio Lower Upper
106 100
91 204.1 102.1 306.1



#70
Styrene
Concen: 50.512 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion:104 Resp: 228407
Ion Ratio Lower Upper
104 100
78 46.6 37.3 55.9
103 52.7 42.2 63.2





#71

Bromoform

Concen: 49.634 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

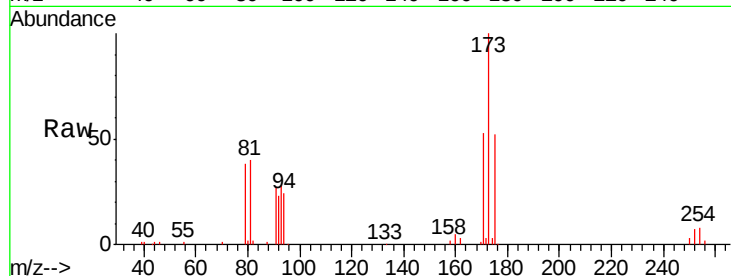
Tgt Ion:173 Resp: 35964

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

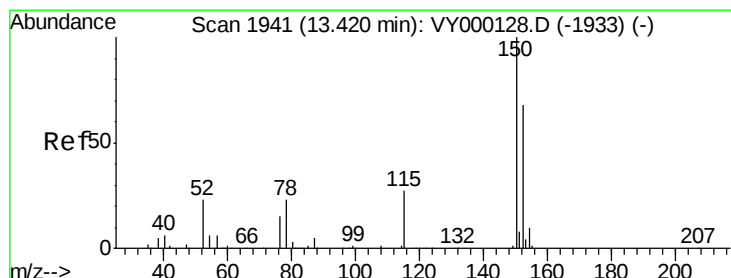
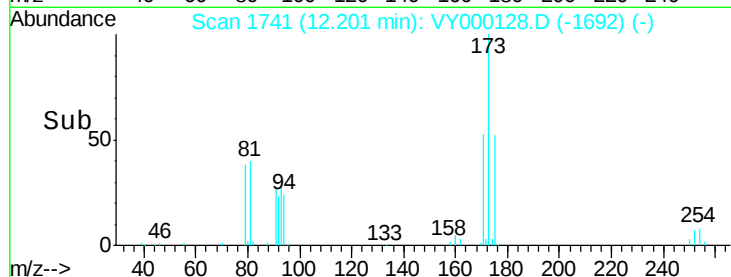
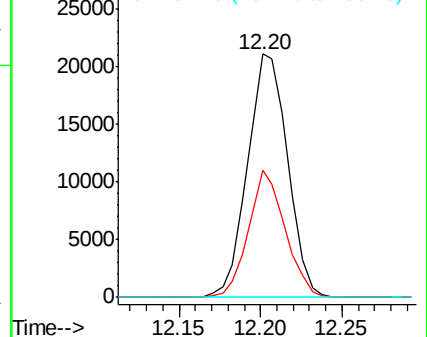
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

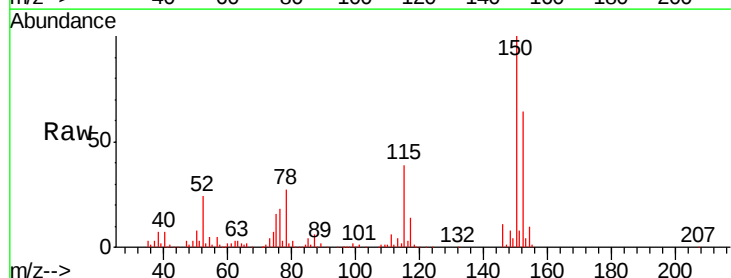
Tgt Ion:152 Resp: 87064

Ion Ratio Lower Upper

152 100

115 61.5 30.8 92.3

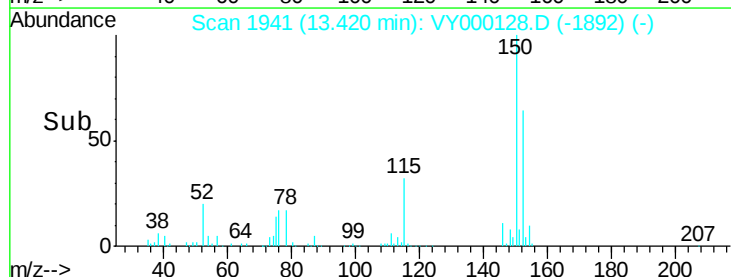
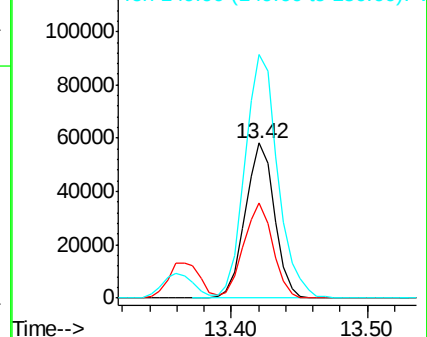
150 177.3 0.0 354.6

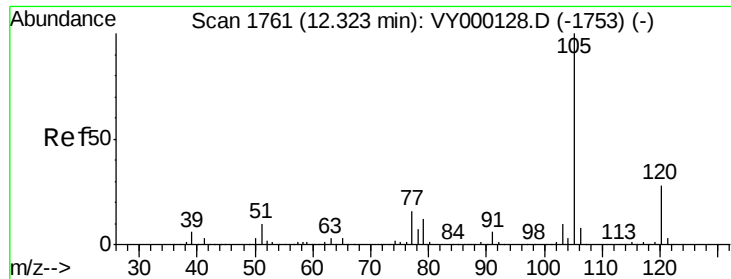


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.614 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

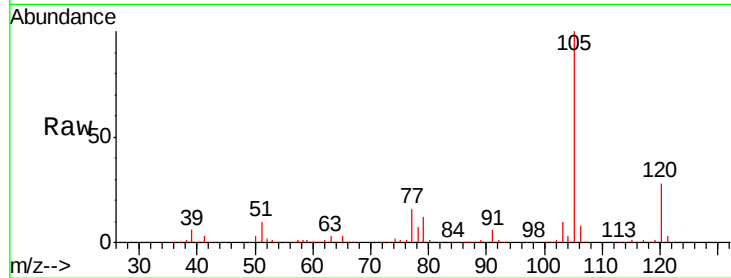
VSTDICCC050

Tgt Ion: 105 Resp: 336997

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

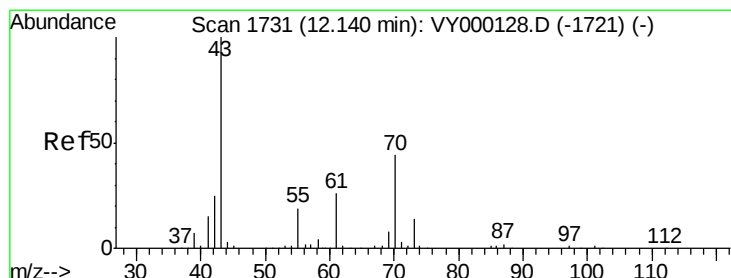
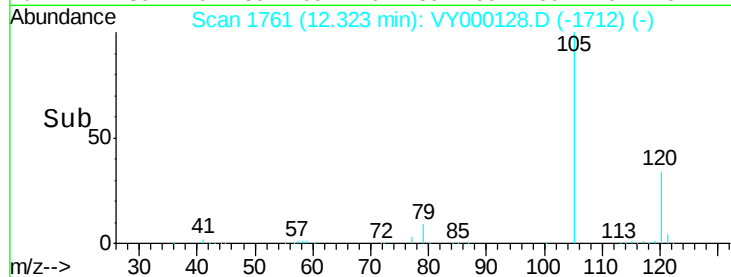
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 50.006 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Tgt Ion: 43 Resp: 96611

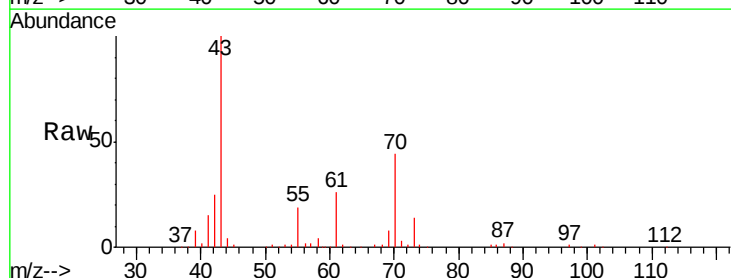
Ion Ratio Lower Upper

43 100

70 44.6 35.7 53.5

55 21.5 17.2 25.8

61 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

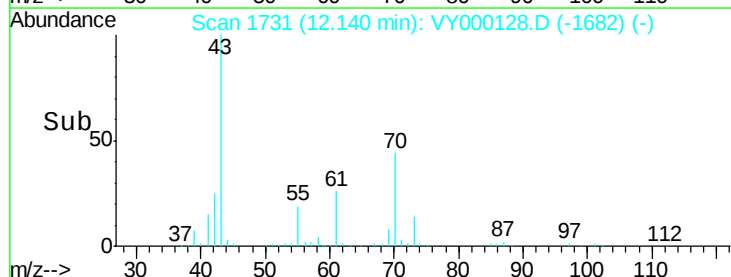
40000

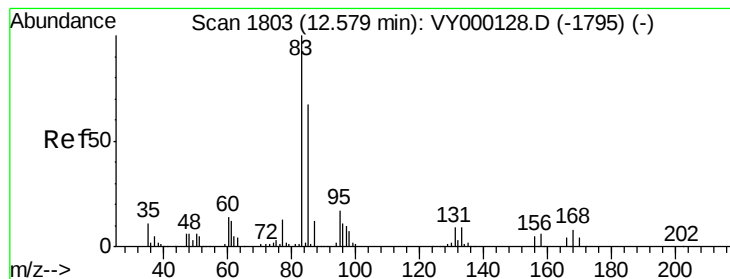
20000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.842 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

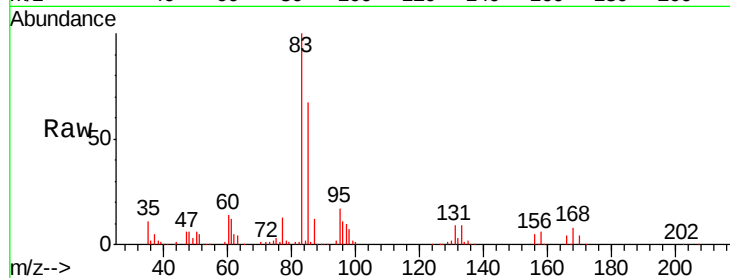
Tgt Ion: 83 Resp: 67600

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

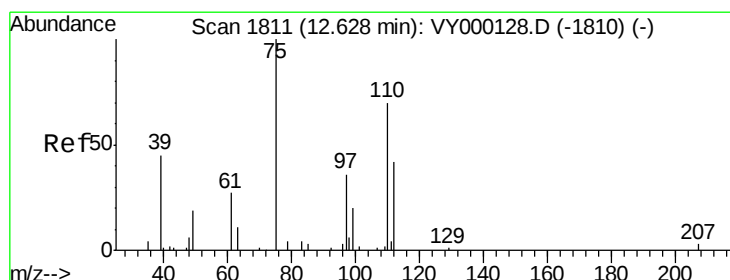
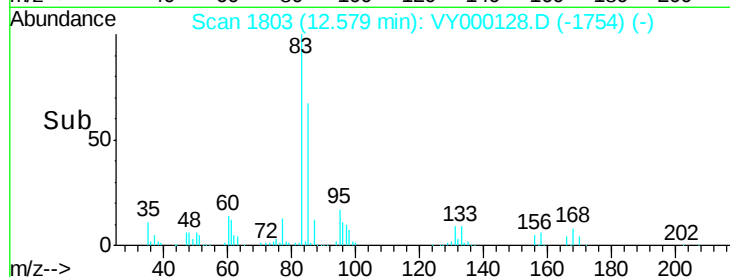
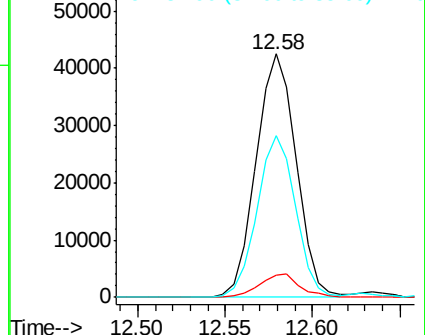
85 64.0 32.0 96.0



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: 54.668 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VY000128.D

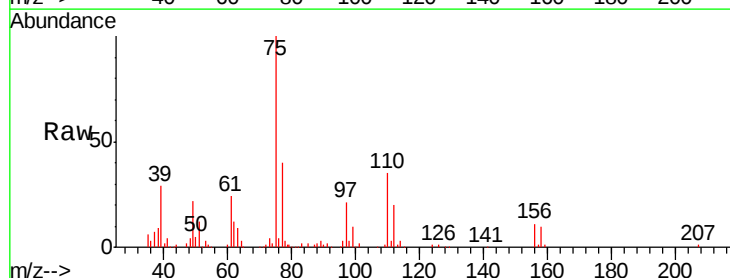
Acq: 23 Sep 2019 12:09

Tgt Ion: 75 Resp: 95331

Ion Ratio Lower Upper

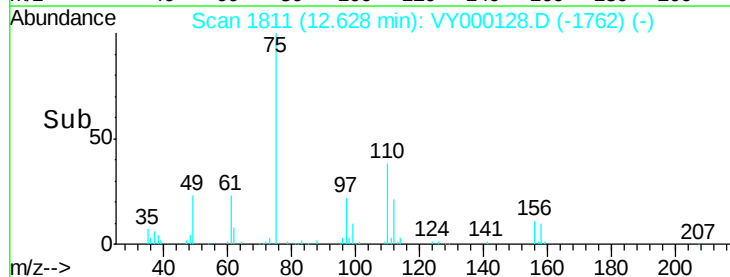
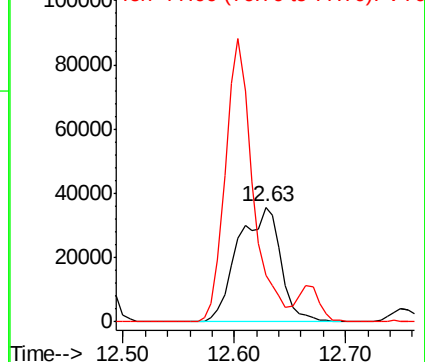
75 100

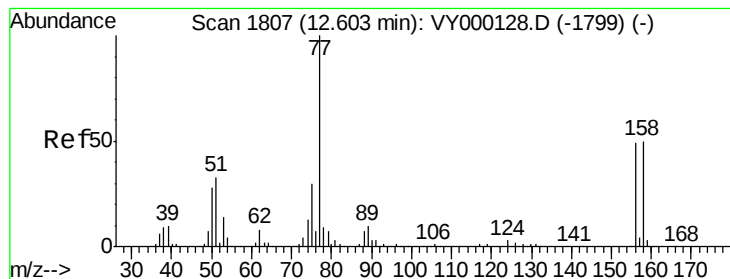
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.594 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

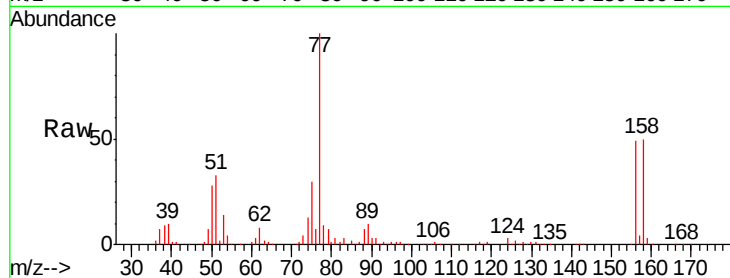
Tgt Ion: 156 Resp: 71890

Ion Ratio Lower Upper

156 100

77 209.9 105.0 314.9

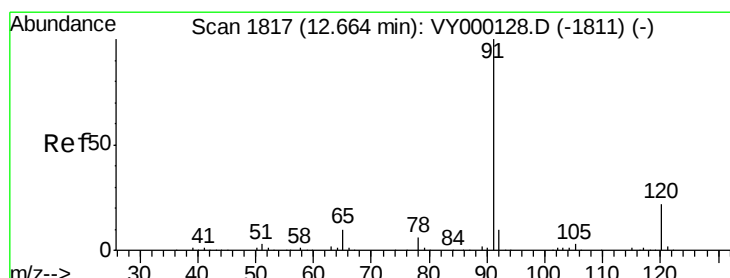
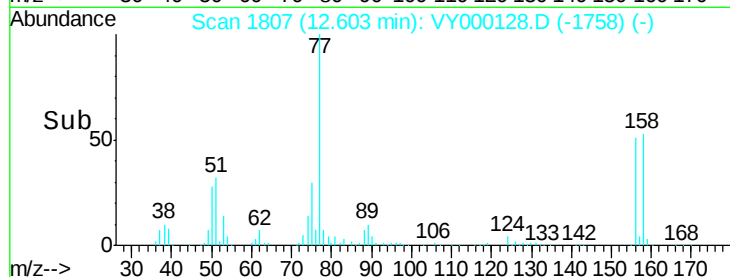
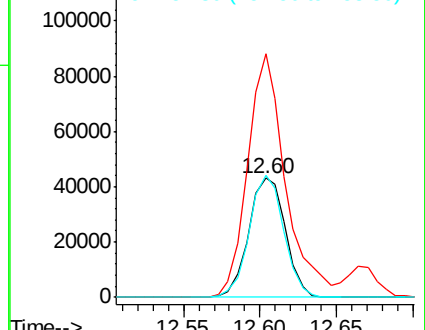
158 96.8 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.508 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000128.D

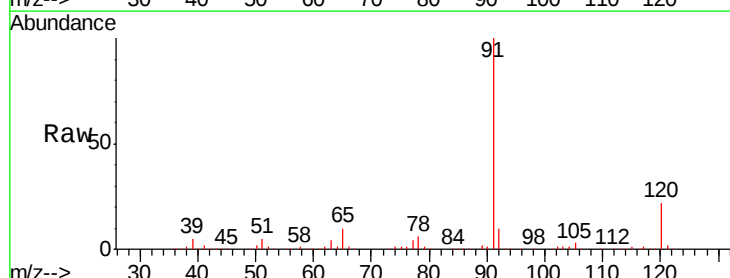
Acq: 23 Sep 2019 12:09

Tgt Ion: 91 Resp: 415865

Ion Ratio Lower Upper

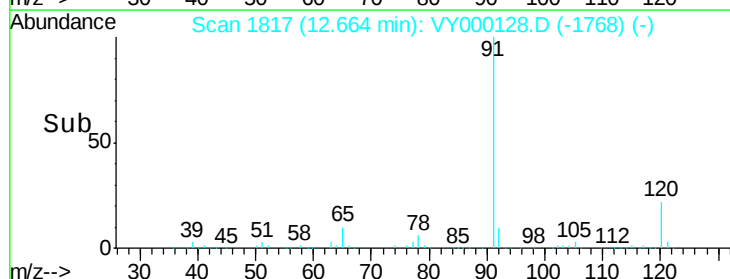
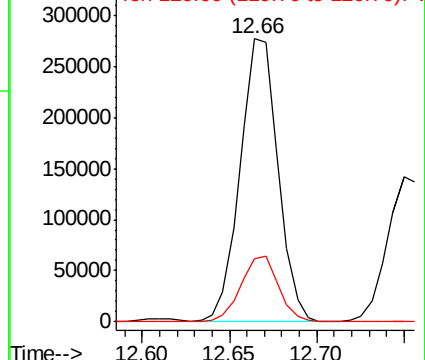
91 100

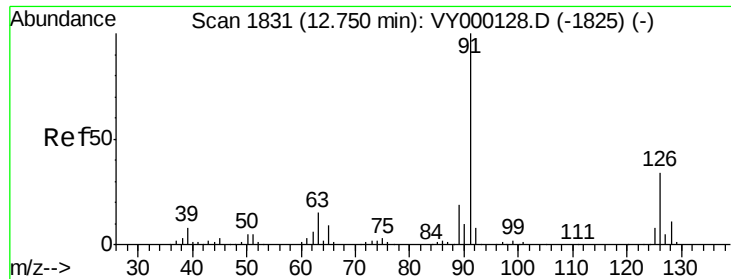
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

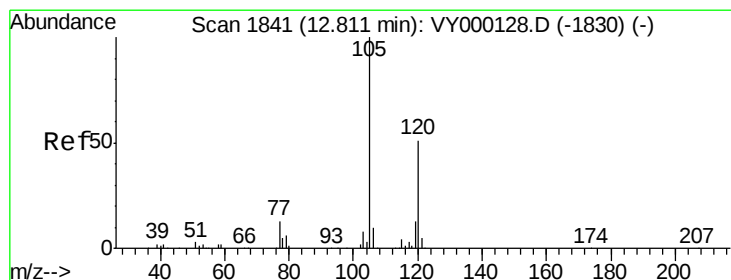
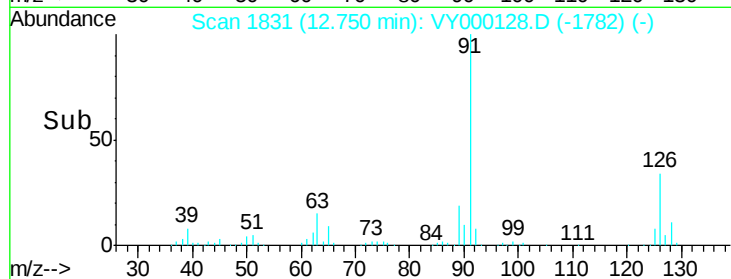
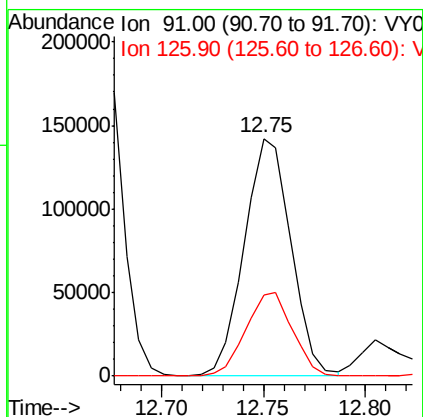
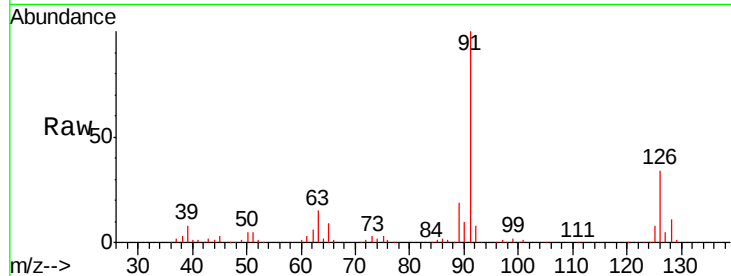




#79
2-Chlorotoluene
Concen: 48.271 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

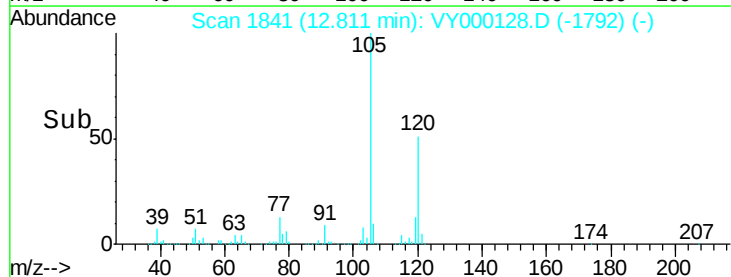
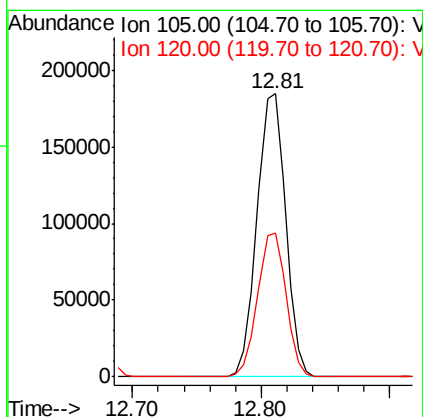
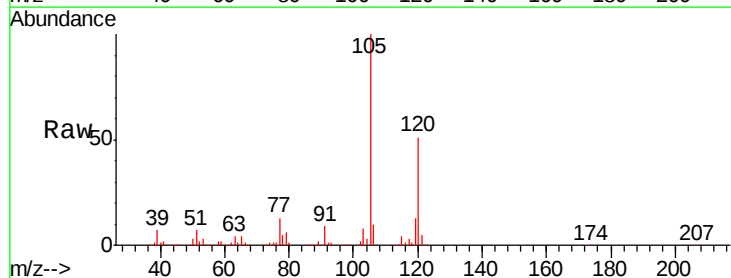
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

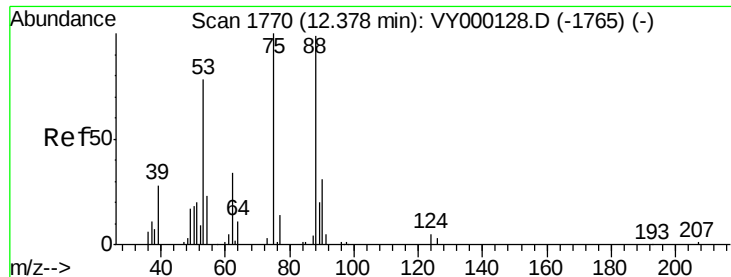
Tgt Ion: 91 Resp: 227184
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 48.802 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 105 Resp: 283108
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.300 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

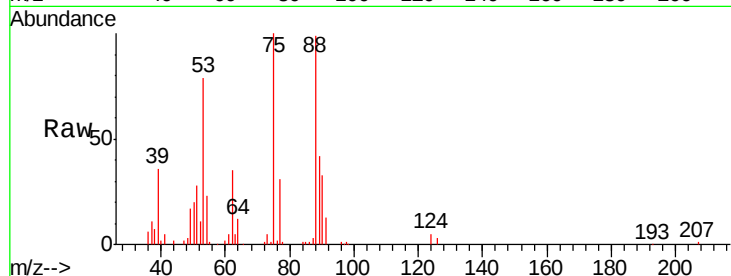
Tgt Ion: 75 Resp: 27921

Ion Ratio Lower Upper

75 100

53 78.1 62.5 93.7

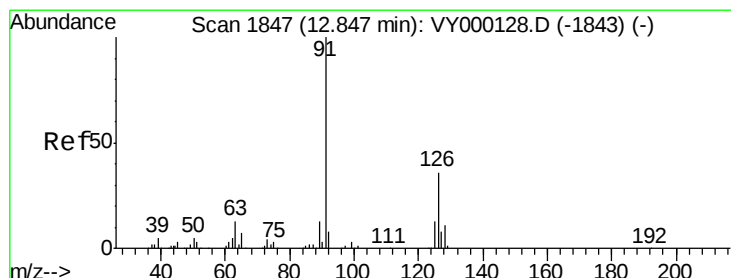
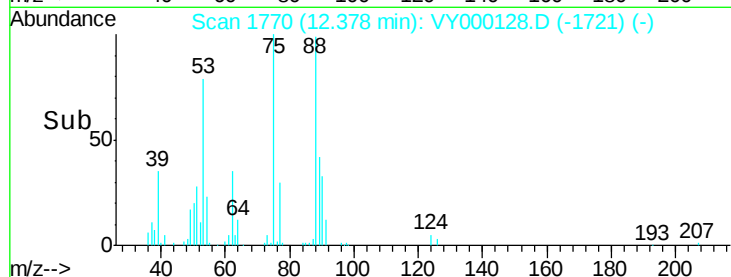
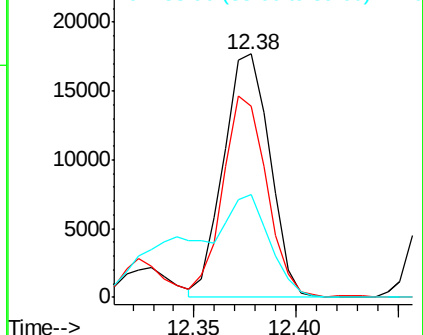
89 39.3 31.4 47.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.528 ug/l

RT: 12.85 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VY000128.D

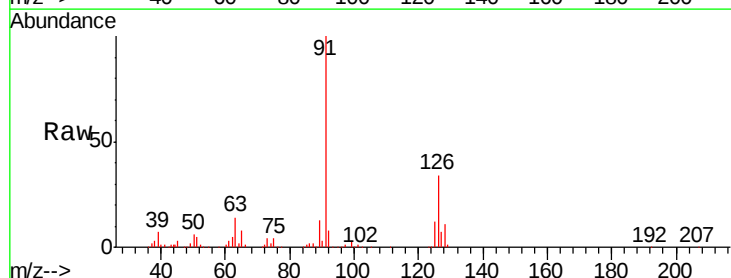
Acq: 23 Sep 2019 12:09

Tgt Ion: 91 Resp: 240418

Ion Ratio Lower Upper

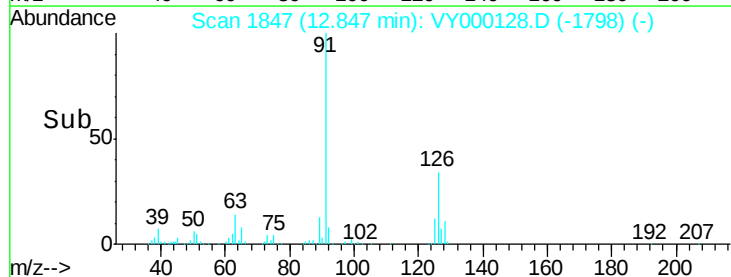
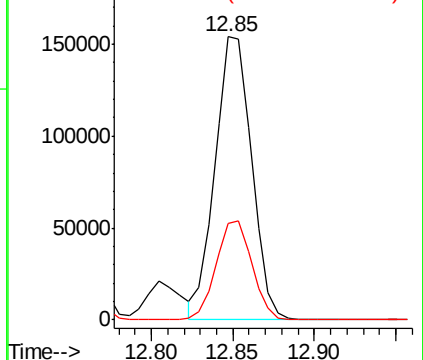
91 100

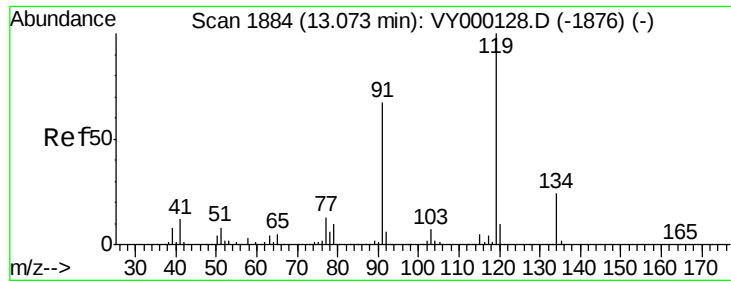
126 34.6 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

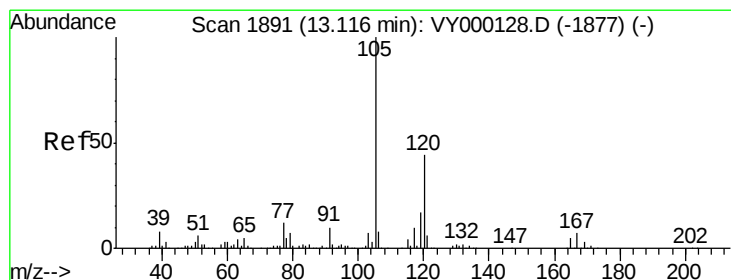
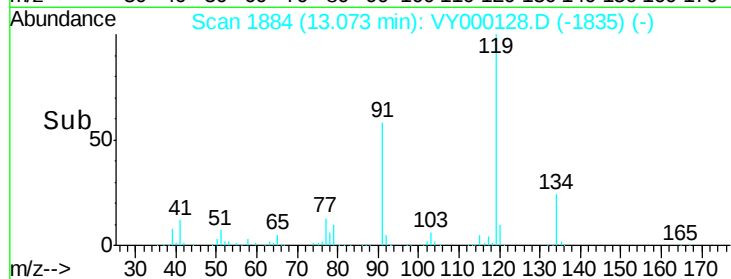
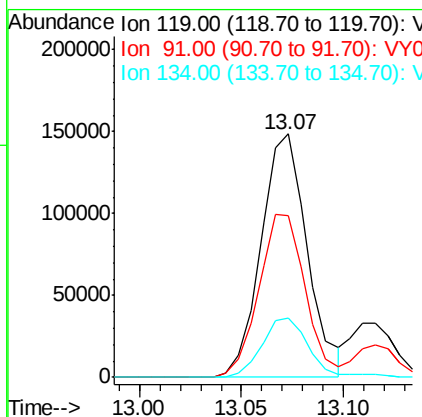
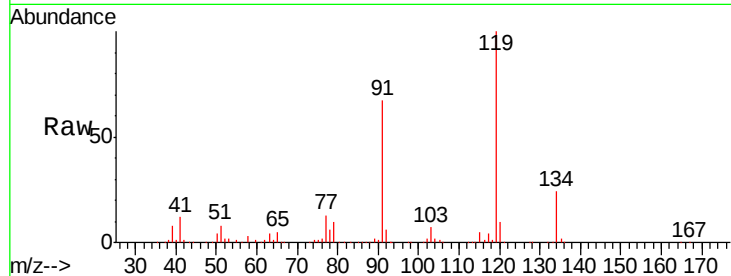




#83
 tert-Butylbenzene
 Concen: 49.440 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

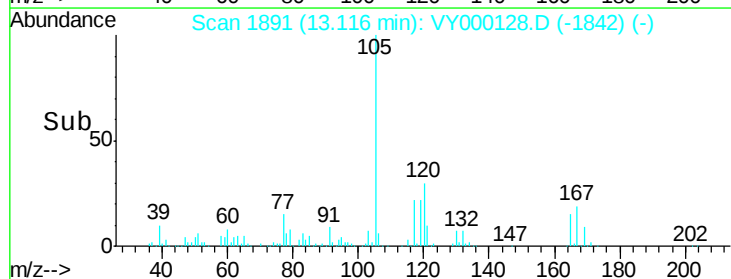
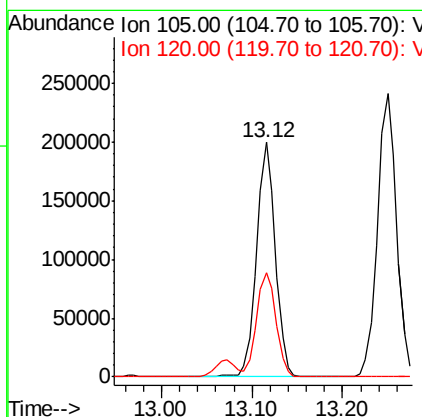
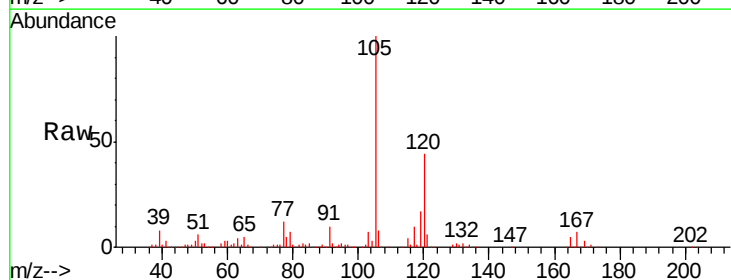
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

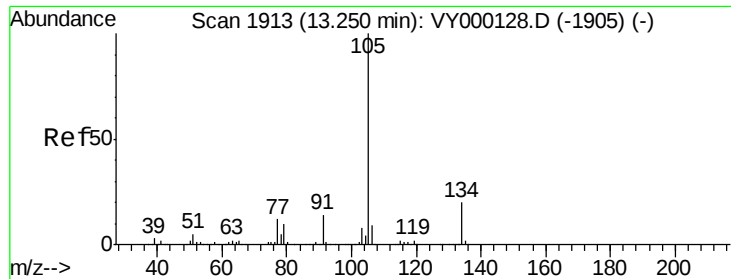
Tgt Ion:119 Resp: 234939
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.6 100.8
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.273 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion:105 Resp: 285262
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8

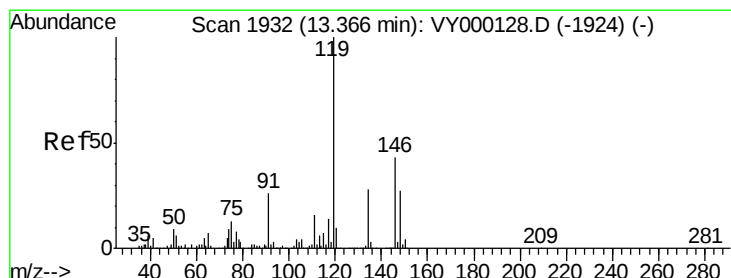
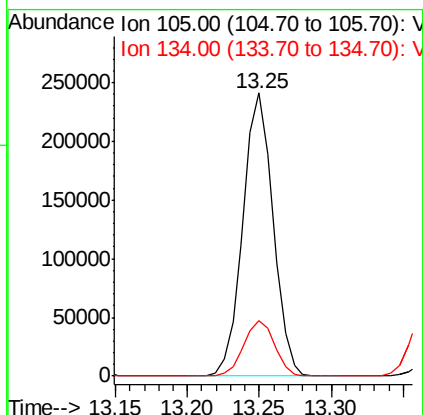
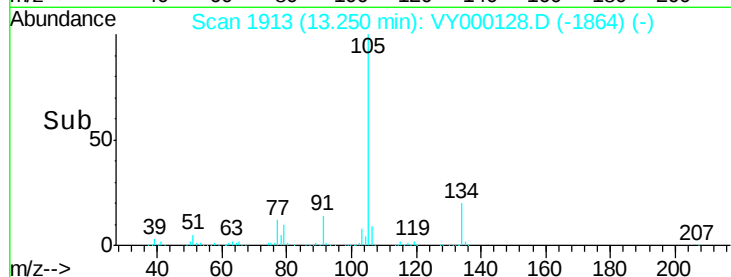
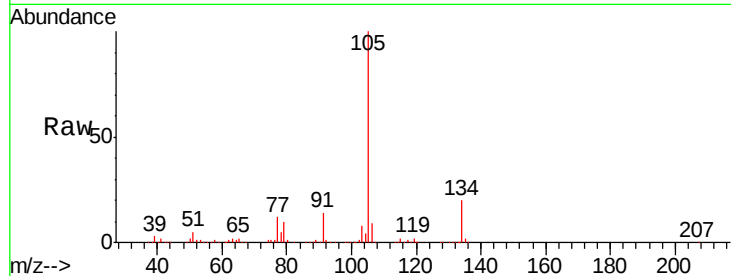




#85
 sec-Butylbenzene
 Concen: 49.211 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

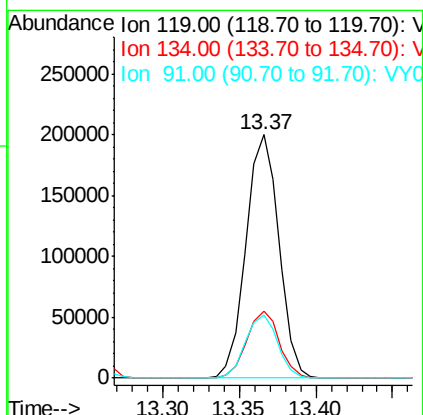
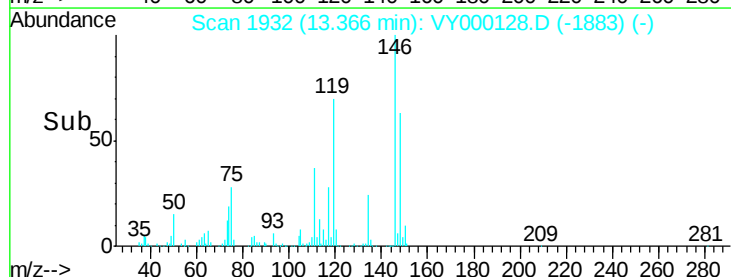
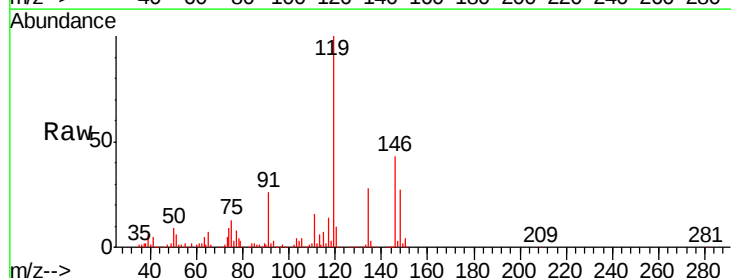
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

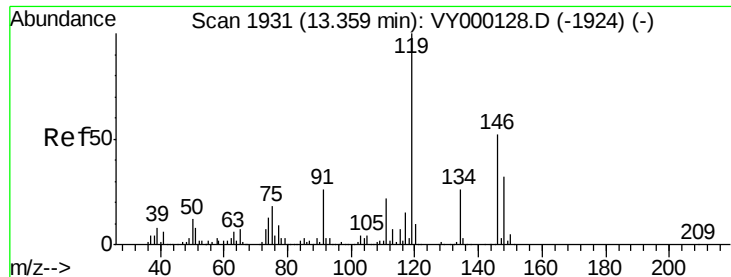
Tgt Ion:105 Resp: 349581
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.425 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion:119 Resp: 299359
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 25.5 12.8 38.3

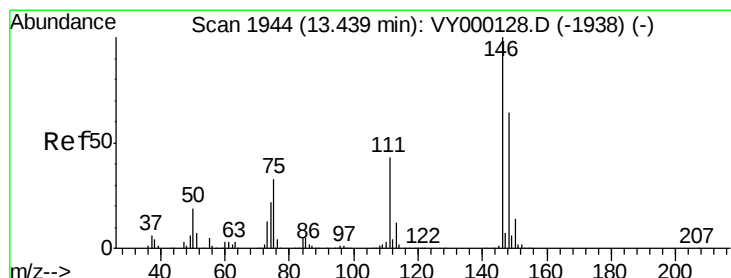
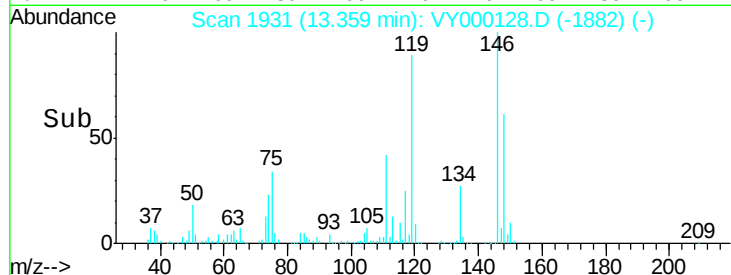
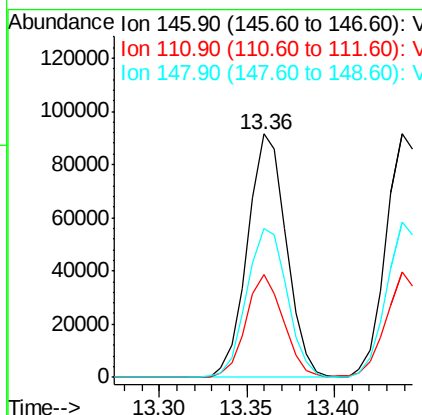
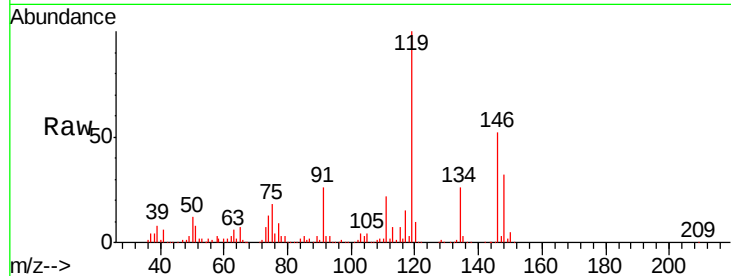




#87
 1,3-Dichlorobenzene
 Concen: 49.773 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

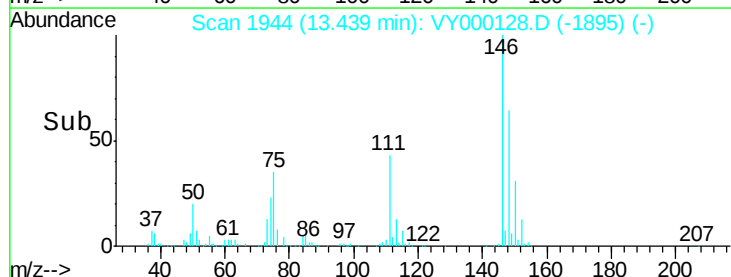
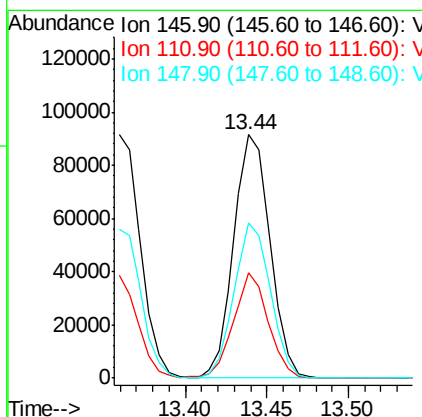
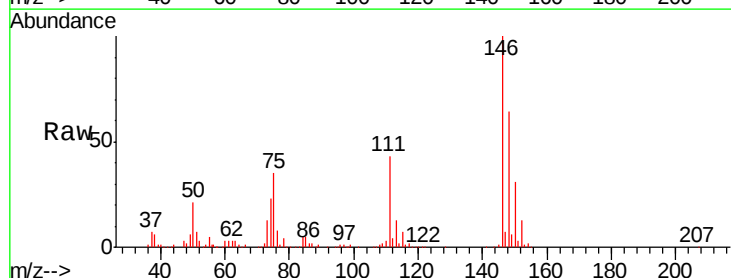
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

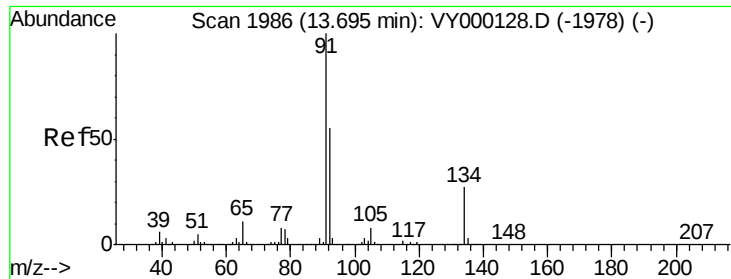
Tgt Ion:146 Resp: 141169
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.164 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion:146 Resp: 142330
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.3 31.6 95.0

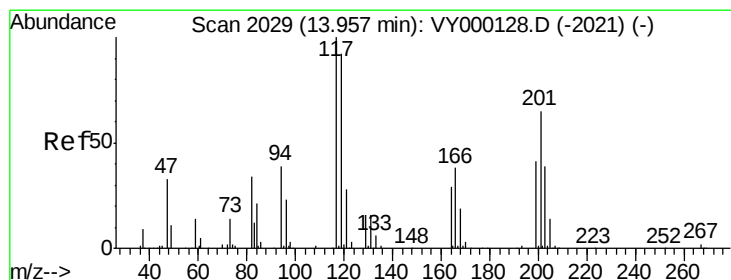
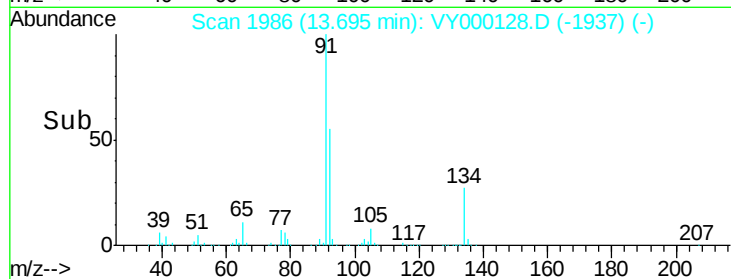
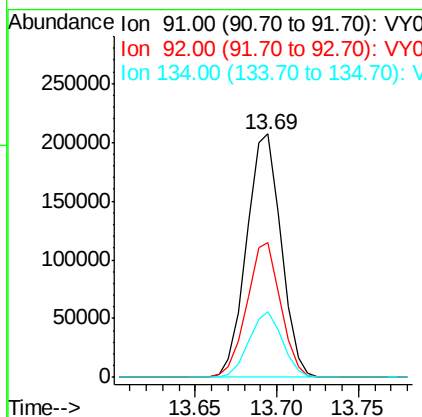
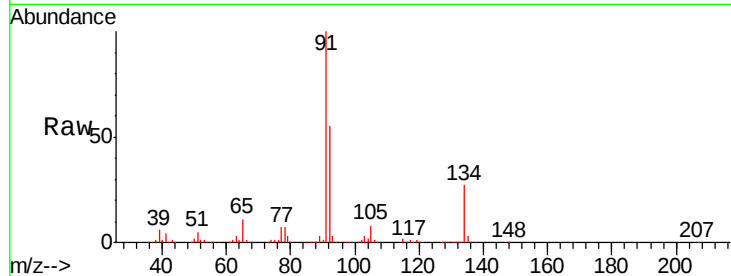




#89
n-Butylbenzene
Concen: 49.257 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

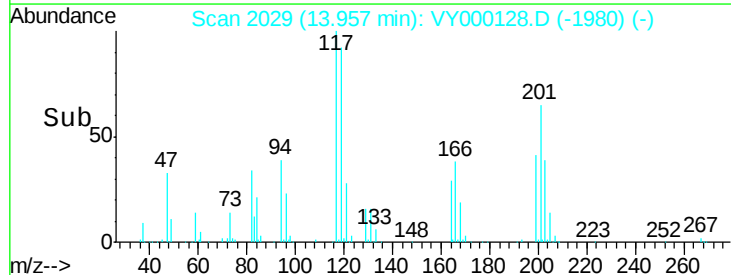
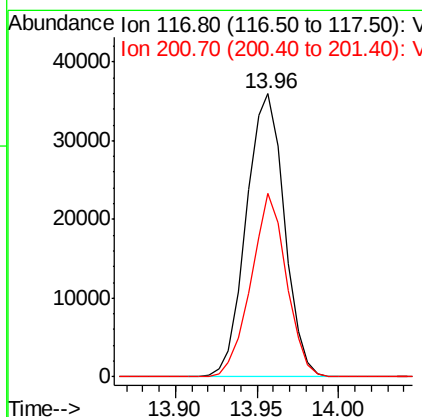
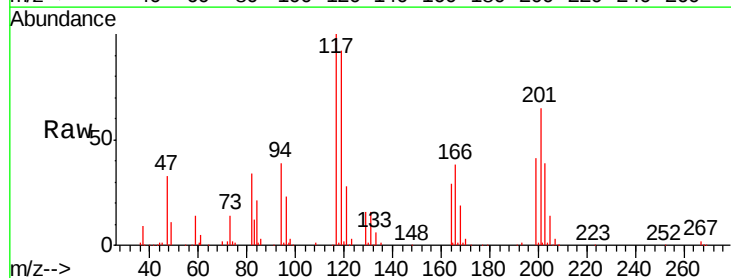
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

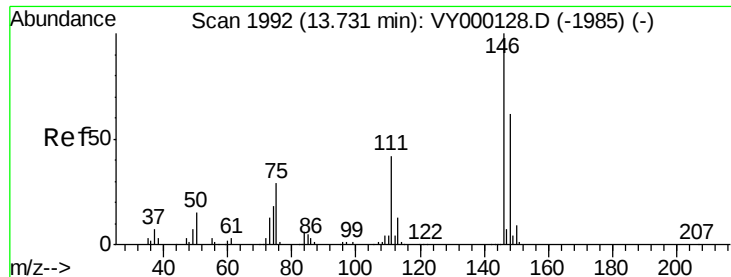
Tgt Ion: 91 Resp: 306023
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 48.761 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion: 117 Resp: 58487
Ion Ratio Lower Upper
117 100
201 60.3 30.1 90.5





#91

1,2-Dichlorobenzene

Concen: 49.874 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

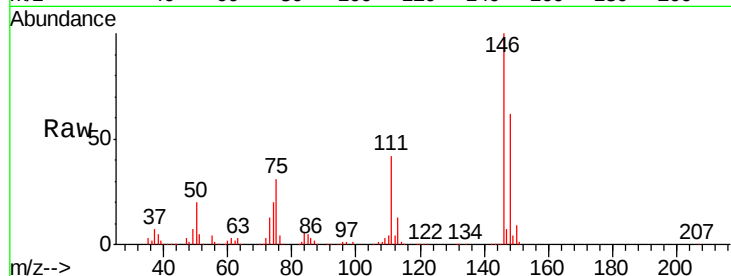
Tgt Ion:146 Resp: 133447

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

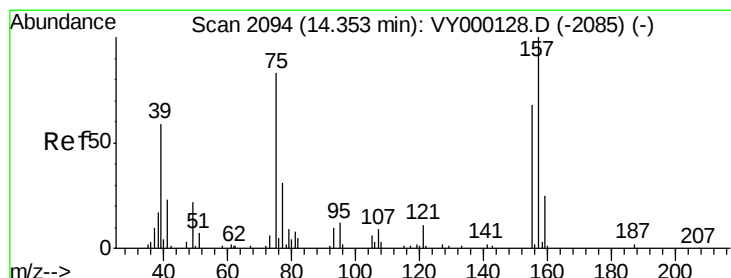
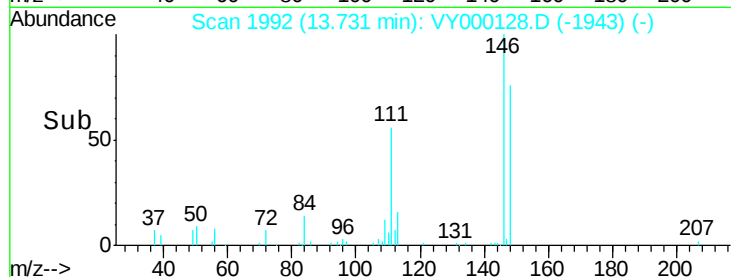
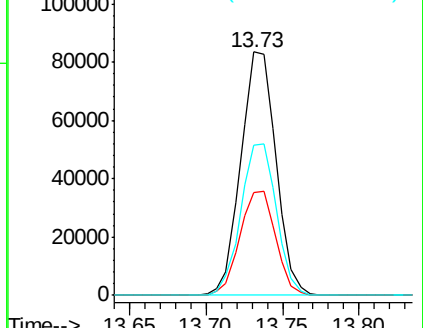
148 63.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.244 ug/l

RT: 14.35 min Scan# 2094

Delta R.T. 0.00 min

Lab File: VY000128.D

Acq: 23 Sep 2019 12:09

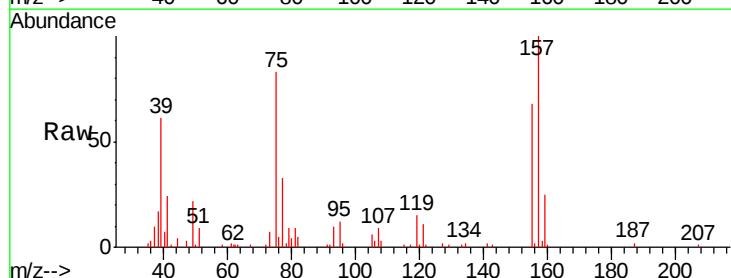
Tgt Ion: 75 Resp: 11510

Ion Ratio Lower Upper

75 100

155 89.4 44.7 134.1

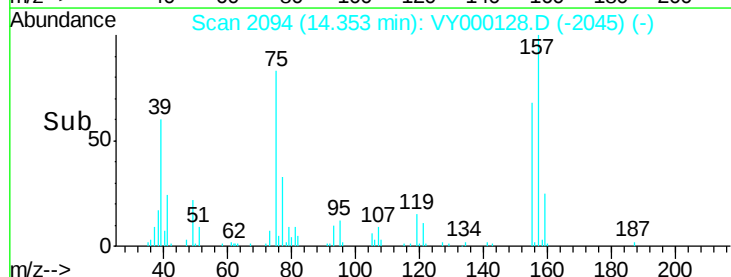
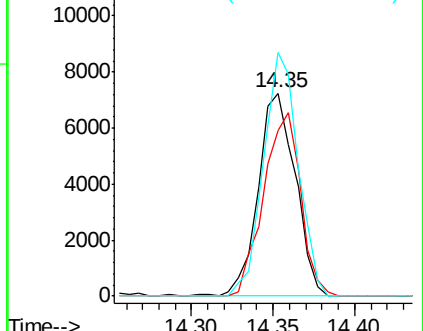
157 111.8 55.9 167.7

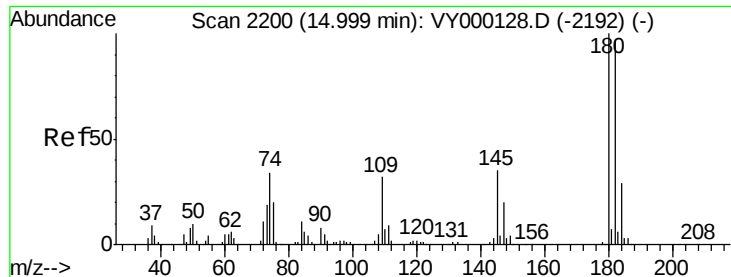


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

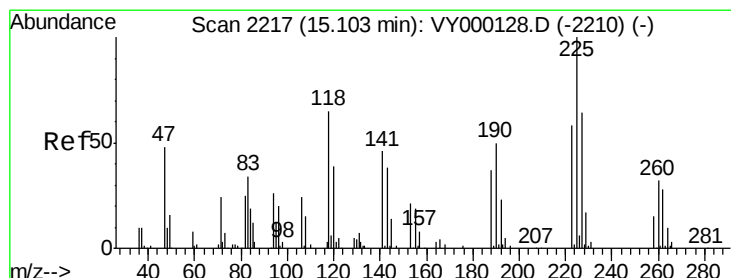
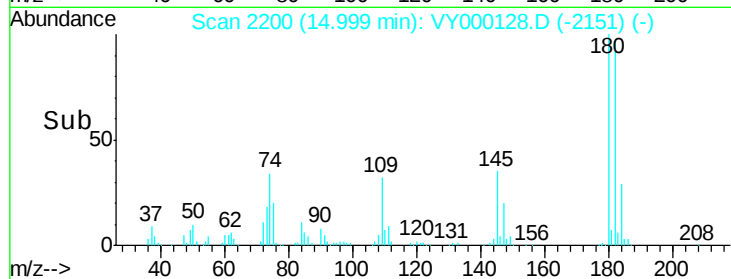
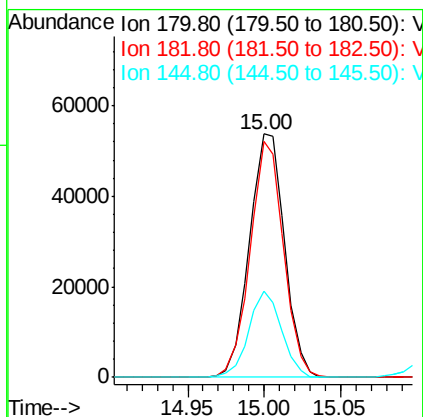
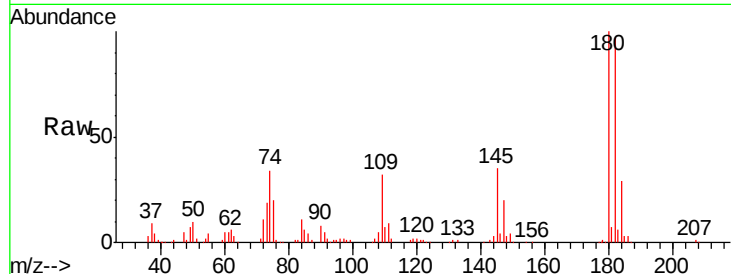




#93
 1,2,4-Trichlorobenzene
 Concen: 49.823 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

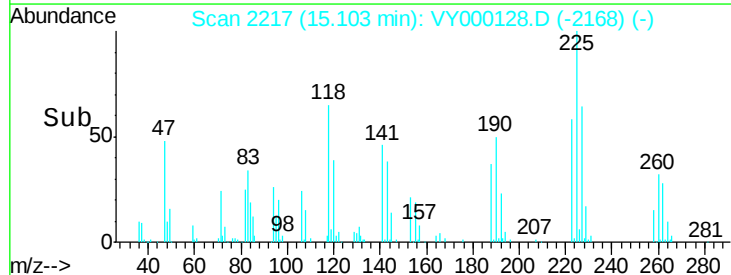
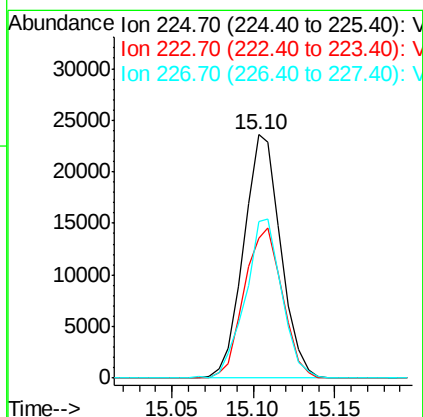
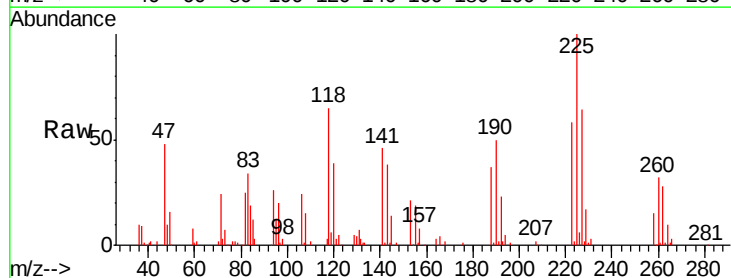
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

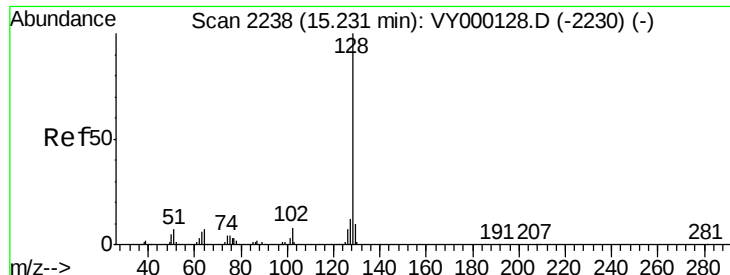
Tgt Ion:180 Resp: 85713
 Ion Ratio Lower Upper
 180 100
 182 92.1 46.1 138.2
 145 33.5 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 48.610 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000128.D
 Acq: 23 Sep 2019 12:09

Tgt Ion:225 Resp: 37169
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.5
 227 64.5 32.3 96.8

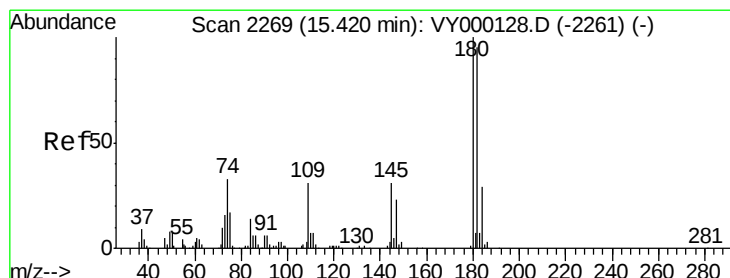
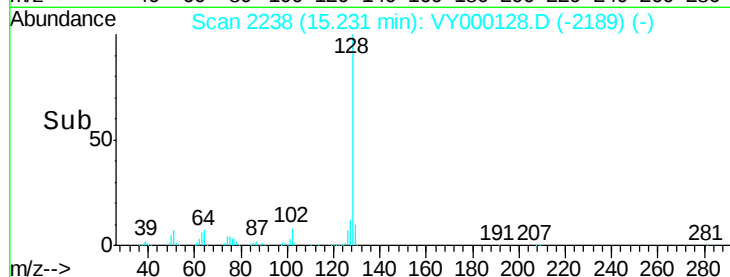
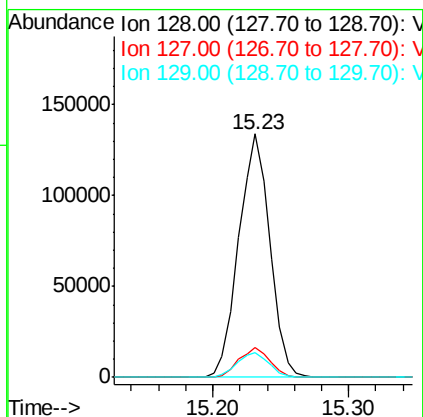
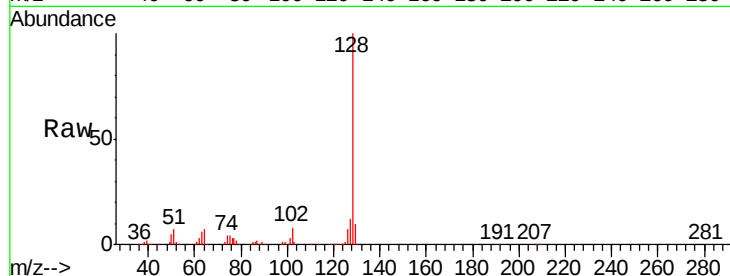




#95
Naphthalene
Concen: 49.122 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 213626
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 49.971 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000128.D
Acq: 23 Sep 2019 12:09

Tgt Ion:180 Resp: 76673
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 35.1 17.5 52.6

