

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091119\
 Data File : VY000005.D
 Acq On : 11 Sep 2019 17:39
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 12 08:57:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	156778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	289794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	249912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83580	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.72	113	82683	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.18	98	361751	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.48	95	119738	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	52273	59.212	ug/l	100
3) Chloromethane	2.11	50	75304	67.606	ug/l	100
4) Vinyl Chloride	2.25	62	85330	63.814	ug/l	100
5) Bromomethane	2.63	94	49547	67.690	ug/l	100
6) Chloroethane	2.78	64	56088	69.104	ug/l	100
7) Trichlorofluoromethane	3.12	101	105736	98.635	ug/l	100
8) Diethyl Ether	3.53	74	42561	56.762	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	72958	53.122	ug/l	100
10) Methyl Iodide	4.08	142	88329	51.439	ug/l	100
11) Tert butyl alcohol	4.96	59	45931	324.533	ug/l	100
12) 1,1-Dichloroethene	3.86	96	68813	52.786	ug/l	100
13) Acrolein	3.73	56	30596	217.784	ug/l	100
14) Allyl chloride	4.48	41	108443	42.177	ug/l	100
15) Acrylonitrile	5.17	53	136161	306.805	ug/l	100
16) Acetone	3.95	43	106559	230.848	ug/l	100
17) Carbon Disulfide	4.19	76	137343	50.179	ug/l	100
18) Methyl Acetate	4.48	43	59445	52.549	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	200768	72.489	ug/l	100
20) Methylene Chloride	4.71	84	81493	53.661	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	74115	55.473	ug/l	100
22) Diisopropyl ether	6.12	45	232995	45.452	ug/l	100
23) Vinyl Acetate	6.06	43	789178	240.843	ug/l	100
24) 1,1-Dichloroethane	6.02	63	136286	48.623	ug/l	100
25) 2-Butanone	6.99	43	170038	269.389	ug/l	100
26) 2,2-Dichloropropane	6.98	77	117664	62.860	ug/l	100
27) cis-1,2-Dichloroethene	6.98	96	96009	60.875	ug/l	100
28) Bromochloromethane	7.34	49	66842	51.181	ug/l	100
29) Tetrahydrofuran	7.35	42	104464	269.375	ug/l	100
30) Chloroform	7.51	83	142249	50.585	ug/l	100
31) Cyclohexane	7.78	56	108860	43.227	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	117140	51.407	ug/l	100
36) 1,1-Dichloropropene	7.92	75	99617	40.592	ug/l	100
37) Ethyl Acetate	7.08	43	66661	42.192	ug/l	100
38) Carbon Tetrachloride	7.90	117	97421	40.419	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	124821	44.470	ug/l	100
40) Benzene	8.16	78	330607	47.329	ug/l	100
41) Methacrylonitrile	7.32	41	34511	37.278	ug/l	100
42) 1,2-Dichloroethane	8.24	62	81932	34.825	ug/l	100
43) Isopropyl Acetate	8.28	43	127478	42.668	ug/l	100
44) Trichloroethene	8.94	130	84154	46.647	ug/l	100
45) 1,2-Dichloropropane	9.21	63	83158	43.247	ug/l	100
46) Dibromomethane	9.31	93	44226	47.792	ug/l	100
47) Bromodichloromethane	9.49	83	111984	44.878	ug/l	100
48) Methyl methacrylate	9.29	41	57419	40.297	ug/l	100
49) 1,4-Dioxane	9.30	88	19159	1021.584	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	358889	226.767	ug/l	100
52) Toluene	10.24	92	208097	47.637	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	119025	46.122	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	136681	46.703	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	71326	51.071	ug/l	100
56) Ethyl methacrylate	10.51	69	102385	50.260	ug/l	100
57) 1,3-Dichloropropane	10.79	76	118528	46.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	281550	258.268	ug/l	100
59) 2-Hexanone	10.83	43	258753	223.819	ug/l	100
60) Dibromochloromethane	10.98	129	76336	47.241	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67159	52.285	ug/l	100
64) Tetrachloroethene	10.71	164	70332	47.209	ug/l	100
65) Chlorobenzene	11.51	112	226971	48.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	76630	45.047	ug/l	100
67) Ethyl Benzene	11.59	91	411969	47.550	ug/l	100
68) m/p-Xylenes	11.70	106	312260	98.348	ug/l	100
69) o-Xylene	12.02	106	153835	51.427	ug/l	100
70) Styrene	12.04	104	266301	50.622	ug/l	100
71) Bromoform	12.20	173	46602	48.572	ug/l #	100
73) Isopropylbenzene	12.32	105	399375	51.061	ug/l	100
74) N-amyl acetate	12.14	43	112446	46.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	91689	56.497	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	123407	106.413	ug/l #	100
77) Bromobenzene	12.60	156	84687	48.086	ug/l	100
78) n-propylbenzene	12.66	91	493968	52.487	ug/l	100
79) 2-Chlorotoluene	12.75	91	272878	50.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	336475	51.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36270	64.888	ug/l	100
82) 4-Chlorotoluene	12.85	91	283083	49.823	ug/l	100
83) tert-Butylbenzene	13.07	119	283181	48.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	334678	50.303	ug/l	100
85) sec-Butylbenzene	13.25	105	423801	52.200	ug/l	100
86) p-Isopropyltoluene	13.37	119	359507	49.124	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	172158	49.455	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	169260	48.962	ug/l	100
89) n-Butylbenzene	13.69	91	365147	50.912	ug/l	100
90) Hexachloroethane	13.95	117	71328	54.553	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	155285	49.413	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16980	56.755	ug/l	100

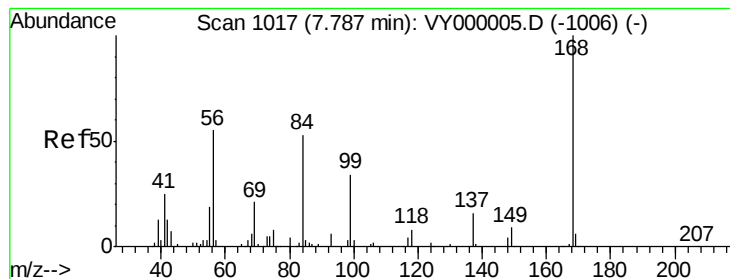
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Quant Title : SW846 8260
QLast Update : Thu Sep 12 08:42:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94893	44.749	ug/l	100
94) Hexachlorobutadiene	15.10	225	46869	33.310	ug/l	100
95) Naphthalene	15.23	128	266094	62.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	90334	47.881	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

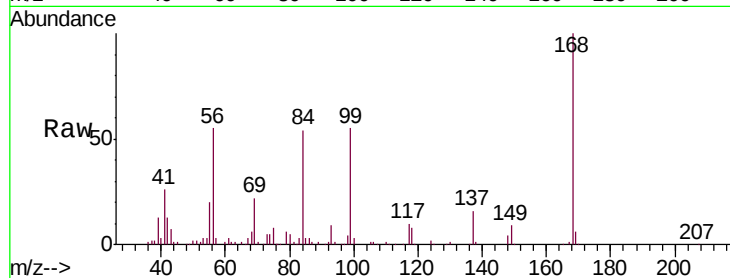
VSTDICCC050

Tgt Ion:168 Resp: 156778

Ion Ratio Lower Upper

168 100

99 55.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

60000

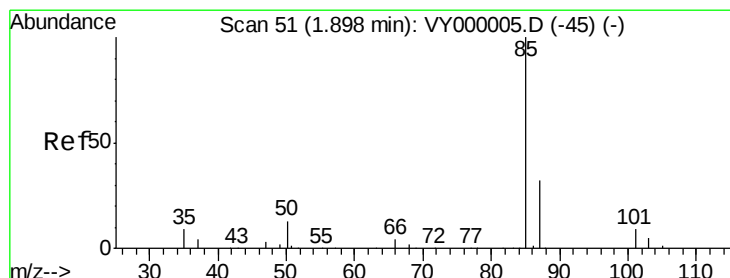
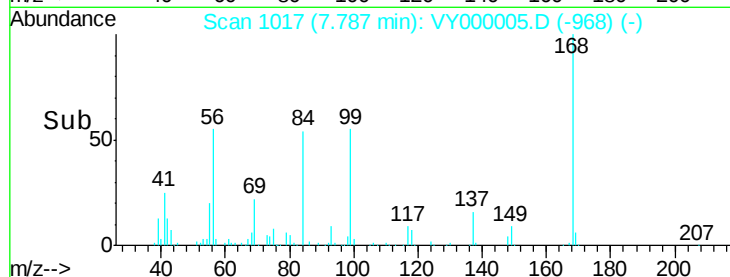
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 59.212 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000005.D

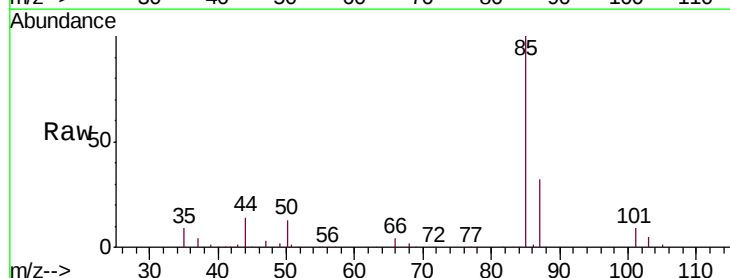
Acq: 11 Sep 2019 17:39

Tgt Ion: 85 Resp: 52273

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

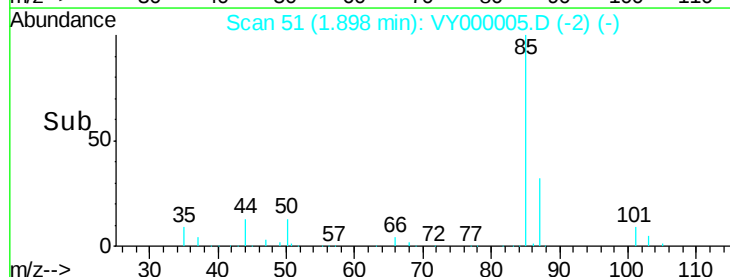
20000

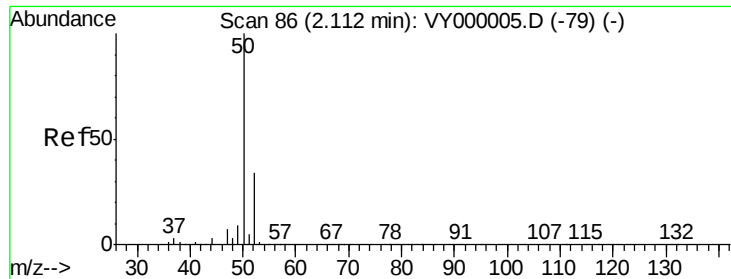
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 67.606 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

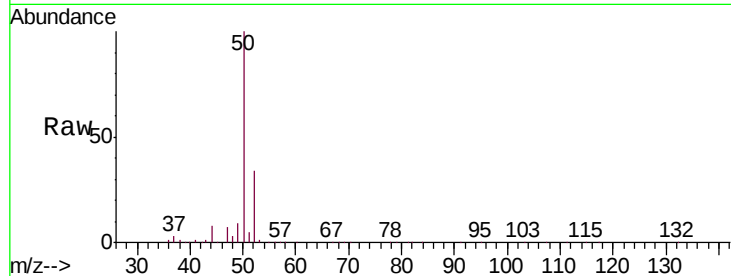
VSTDICCC050

Tgt Ion: 50 Resp: 75304

Ion Ratio Lower Upper

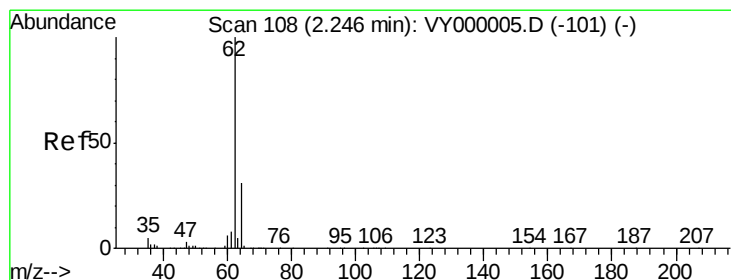
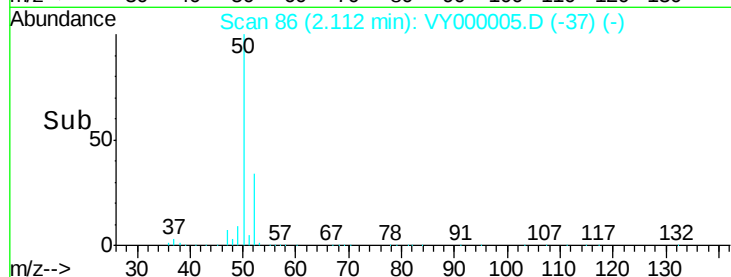
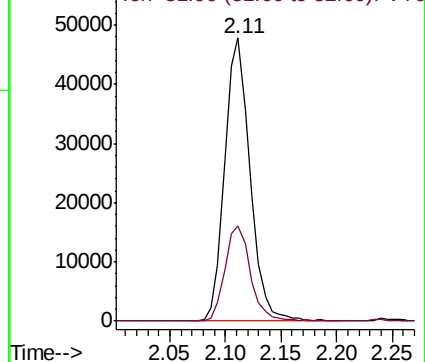
50 100

52 33.5 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 63.814 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000005.D

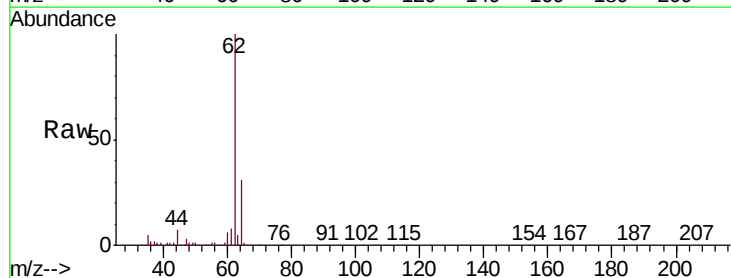
Acq: 11 Sep 2019 17:39

Tgt Ion: 62 Resp: 85330

Ion Ratio Lower Upper

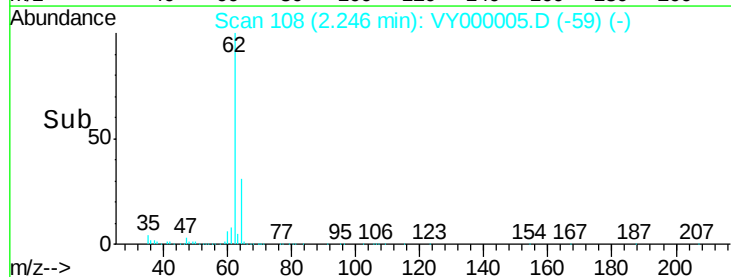
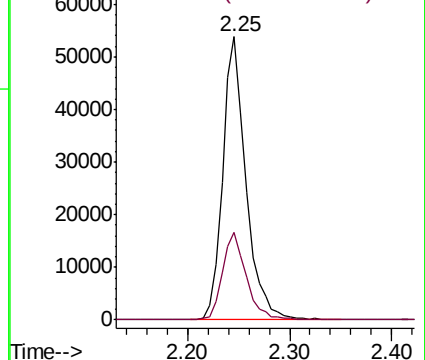
62 100

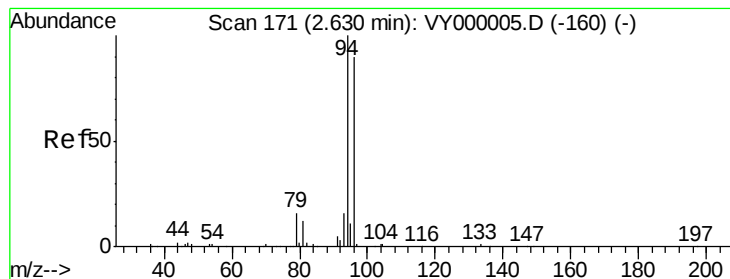
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 67.690 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

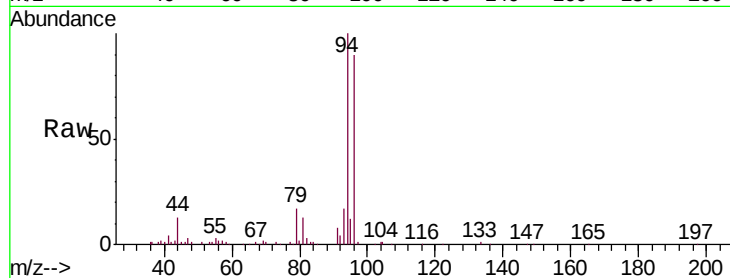
VSTDICCC050

Tgt Ion: 94 Resp: 49547

Ion Ratio Lower Upper

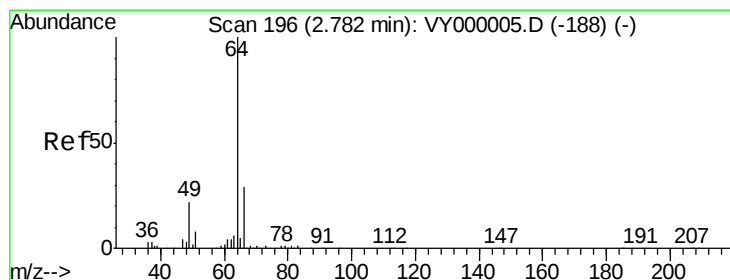
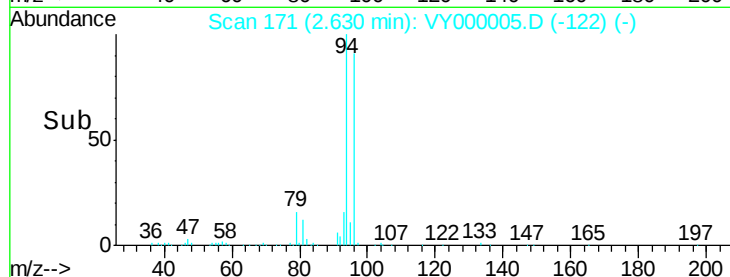
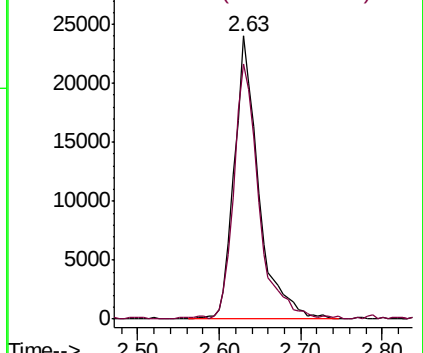
94 100

96 89.5 71.6 107.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 69.104 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VY000005.D

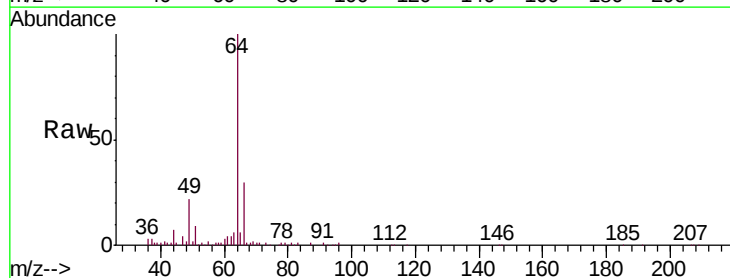
Acq: 11 Sep 2019 17:39

Tgt Ion: 64 Resp: 56088

Ion Ratio Lower Upper

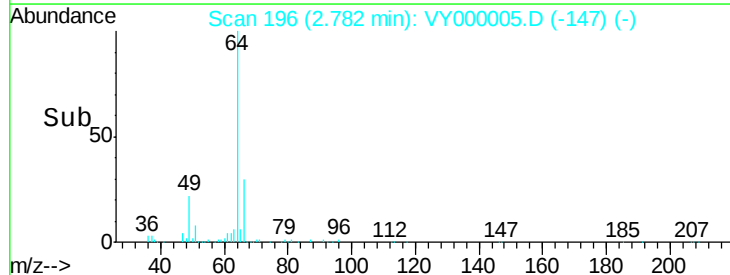
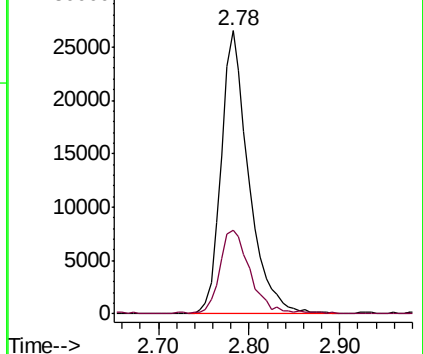
64 100

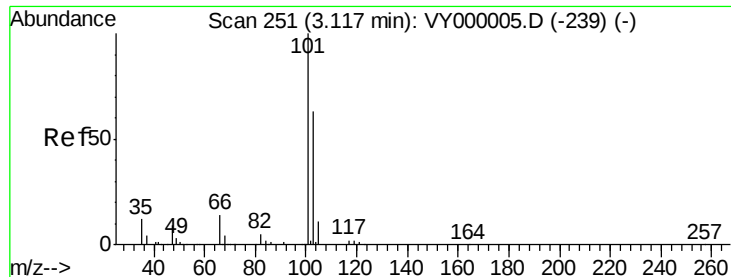
66 29.4 23.5 35.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



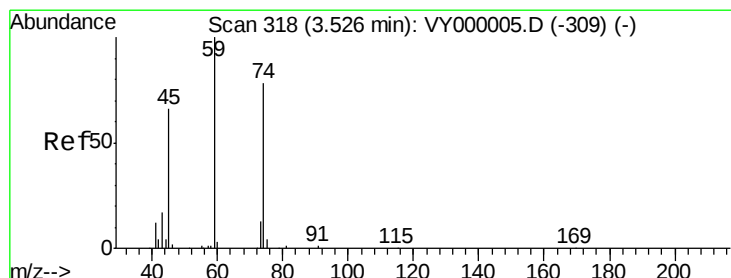
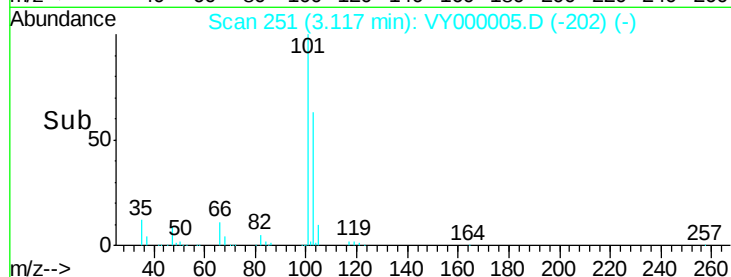
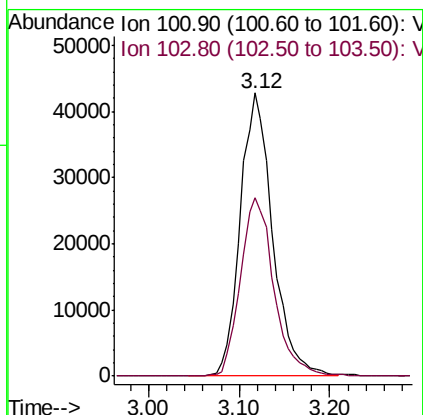
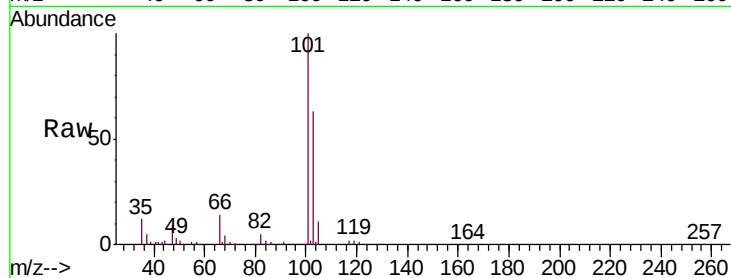


#7

Trichlorofluoromethane
 Concen: 98.635 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
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 VSTDICCC050

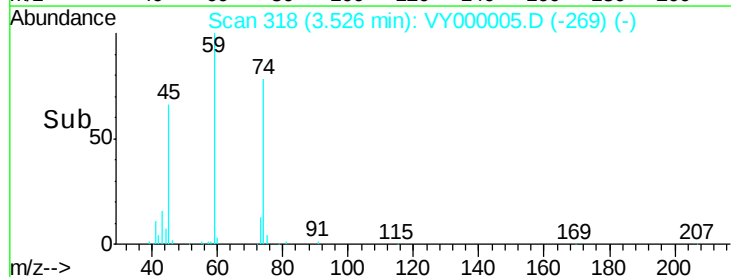
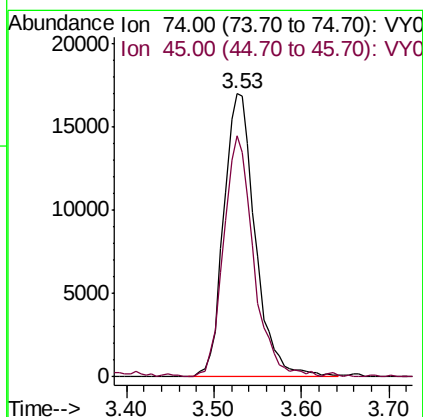
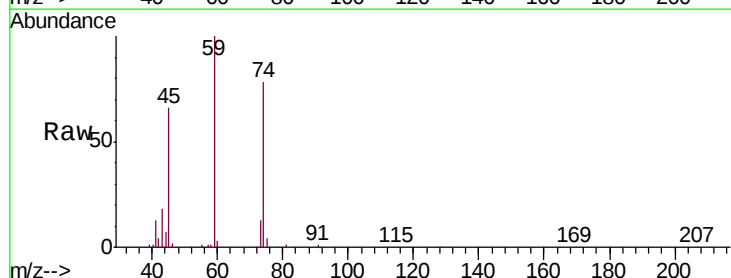
Tgt Ion:101 Resp: 105736
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0

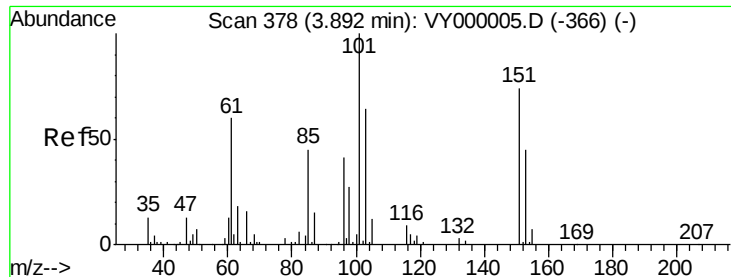


#8

Diethyl Ether
 Concen: 56.762 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 74 Resp: 42561
 Ion Ratio Lower Upper
 74 100
 45 80.9 40.5 121.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.122 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

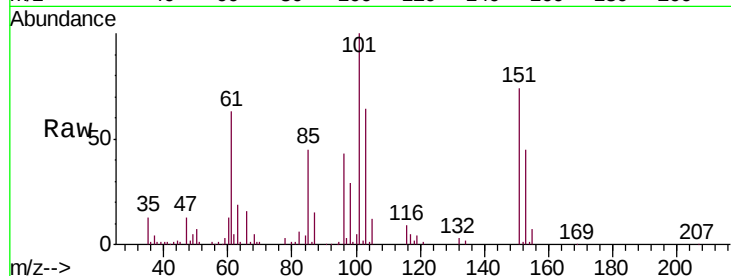
Tgt Ion:101 Resp: 72958

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

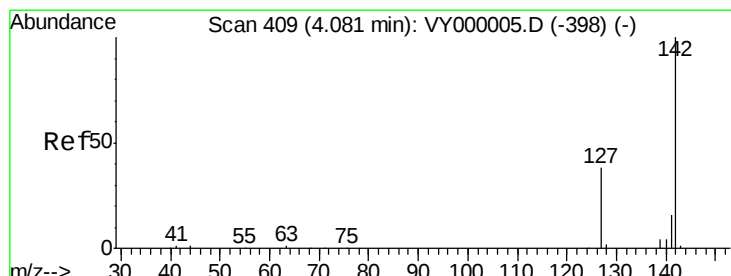
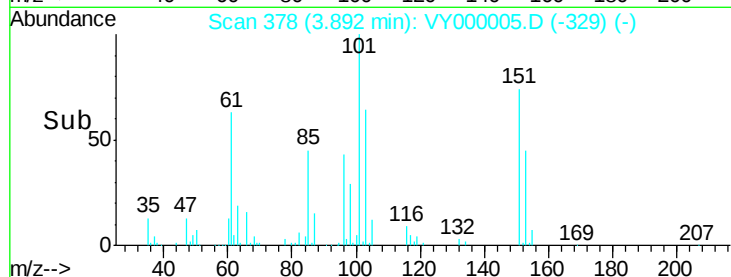
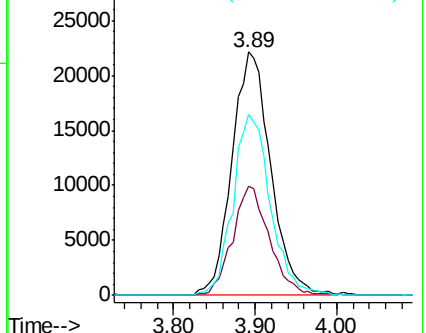
151 71.6 57.3 85.9



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: 51.439 ug/l

RT: 4.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

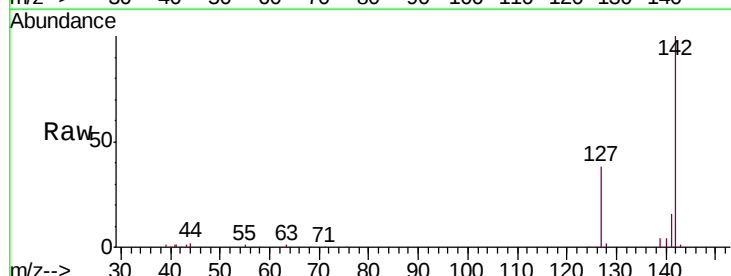
Tgt Ion:142 Resp: 88329

Ion Ratio Lower Upper

142 100

127 37.5 30.0 45.0

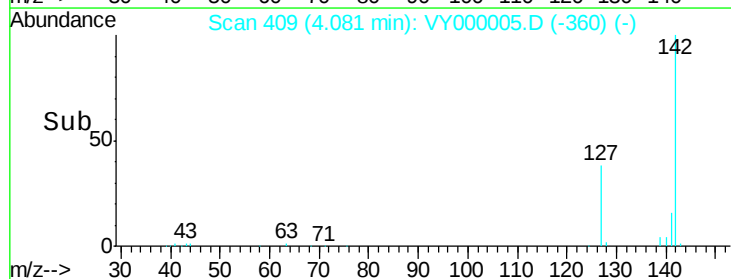
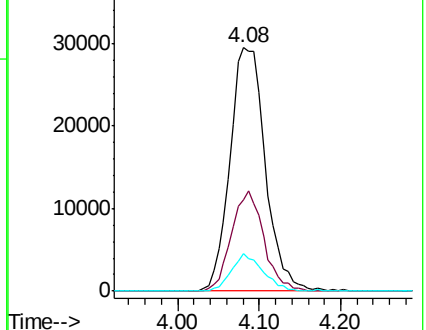
141 13.7 11.0 16.4

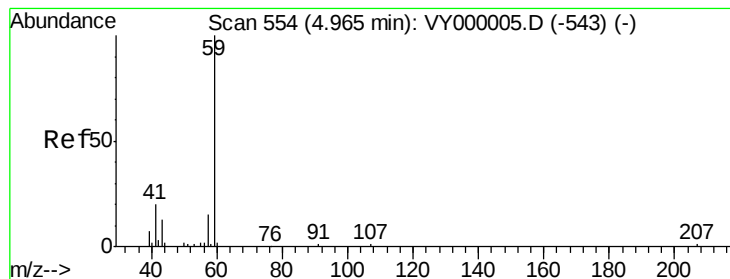


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



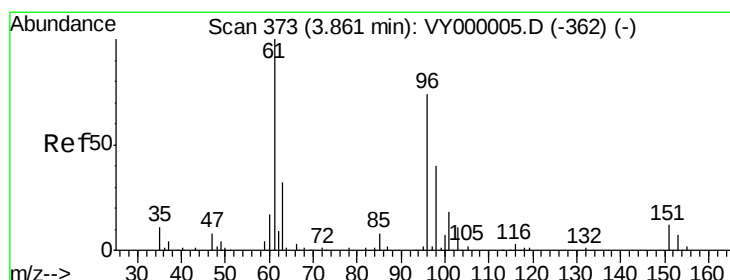
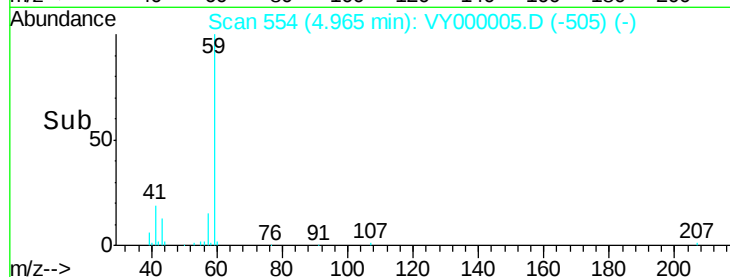
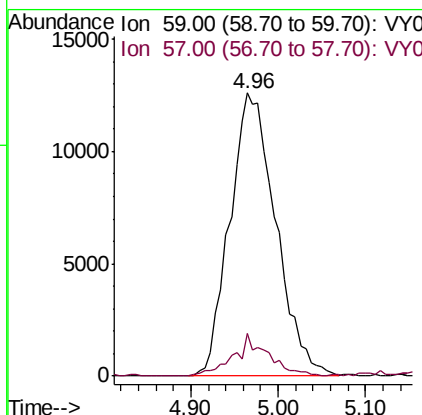
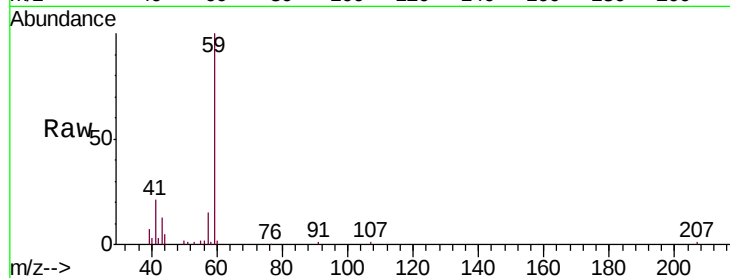


#11

Tert butyl alcohol
 Concen: 324.533 ug/l
 RT: 4.96 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

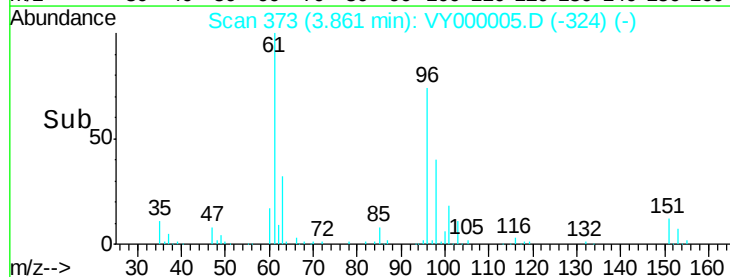
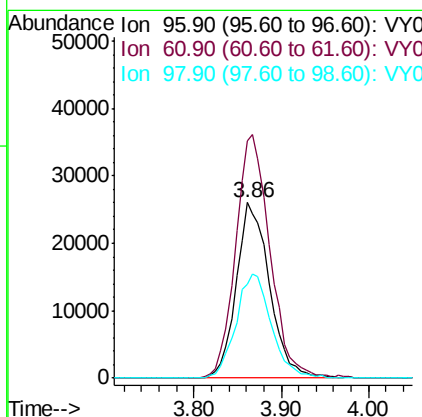
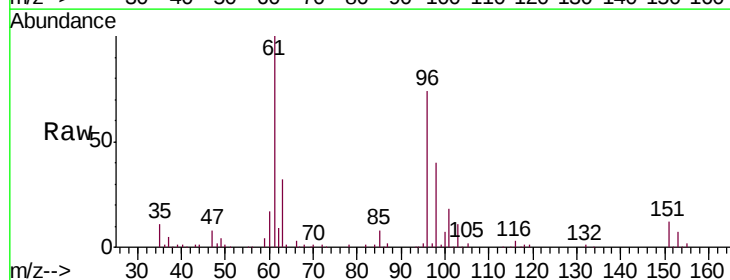
Tgt Ion: 59 Resp: 45931
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.9 13.3

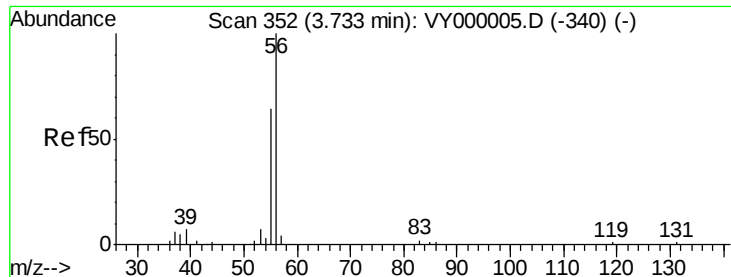


#12

1,1-Dichloroethene
 Concen: 52.786 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 96 Resp: 68813
 Ion Ratio Lower Upper
 96 100
 61 135.1 108.1 162.1
 98 53.5 42.8 64.2





#13

Acrolein

Concen: 217.784 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

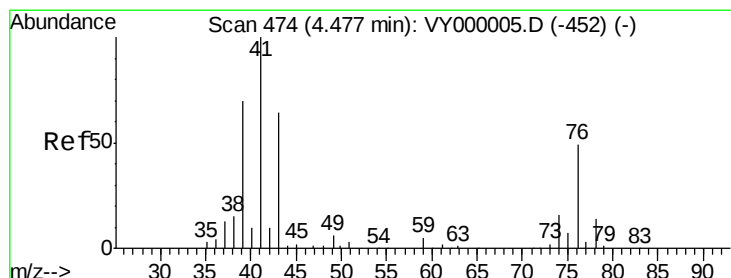
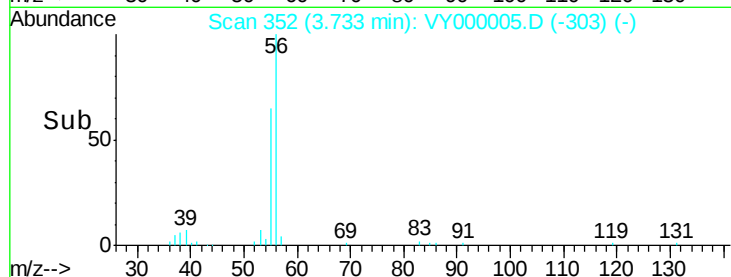
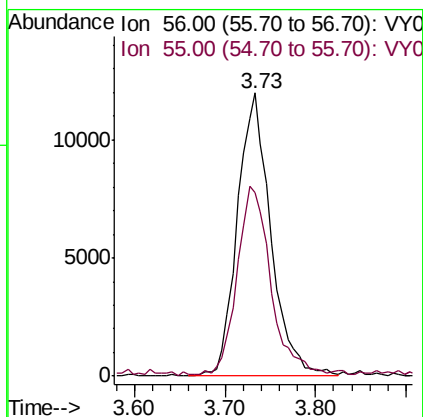
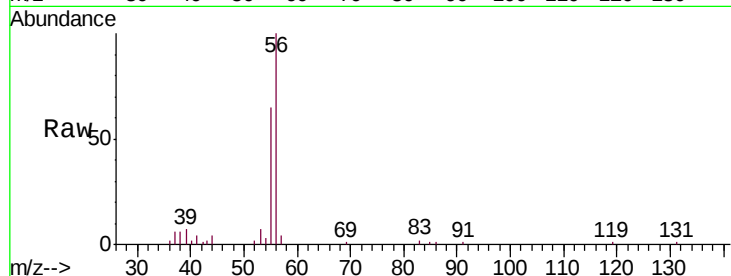
VSTDICCC050

Tgt Ion: 56 Resp: 30596

Ion Ratio Lower Upper

56 100

55 66.6 53.3 79.9



#14

Allyl chloride

Concen: 42.177 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

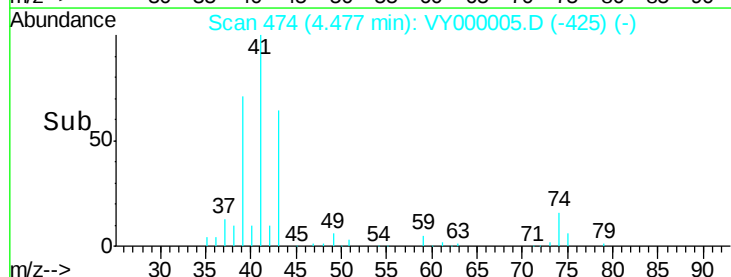
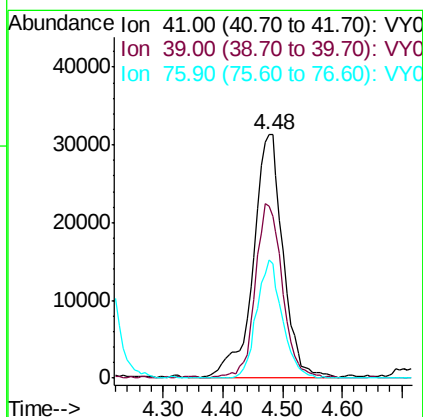
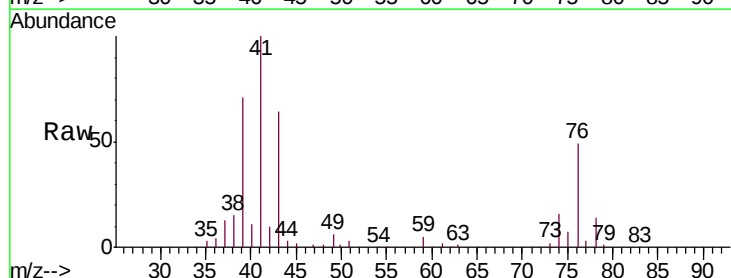
Tgt Ion: 41 Resp: 108443

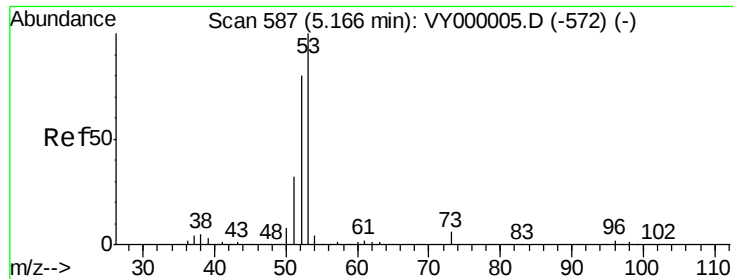
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 41.6 33.3 49.9





#15

Acrylonitrile

Concen: 306.805 ug/l

RT: 5.17 min Scan# 587

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

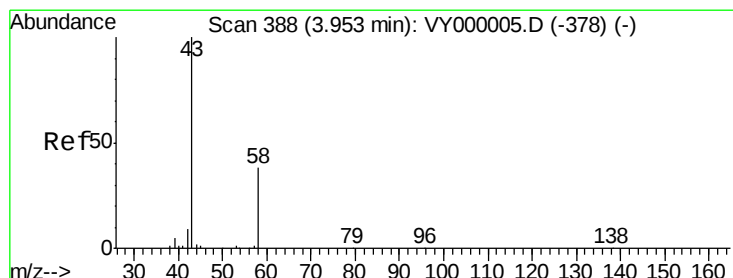
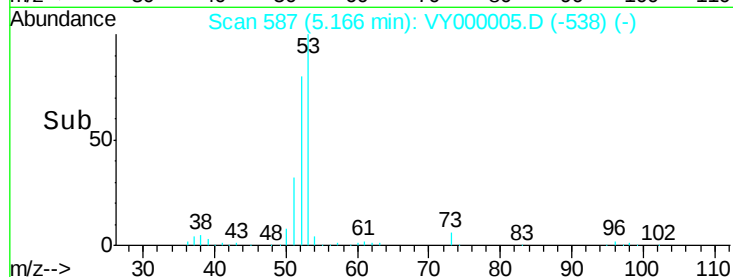
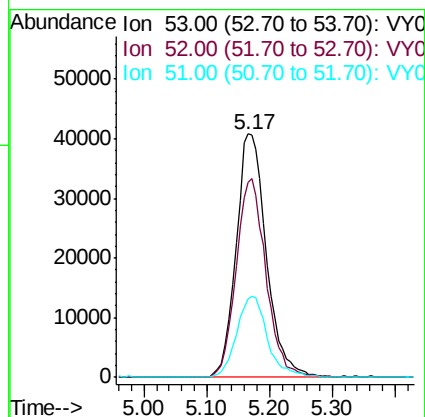
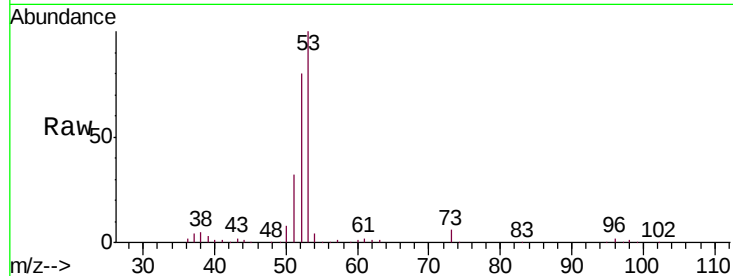
Tgt Ion: 53 Resp: 136161

Ion Ratio Lower Upper

53 100

52 80.5 64.4 96.6

51 33.9 27.1 40.7



#16

Acetone

Concen: 230.848 ug/l

RT: 3.95 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY000005.D

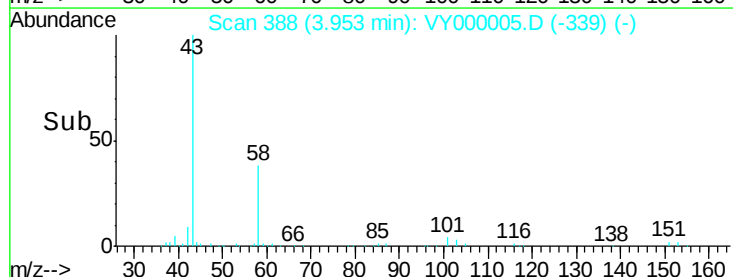
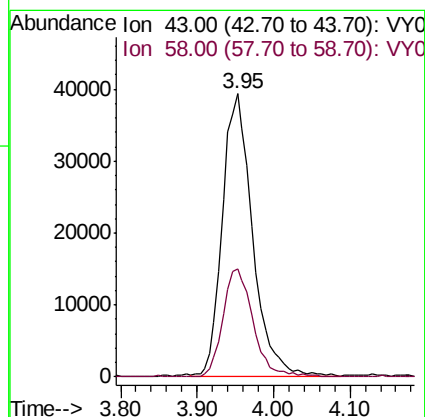
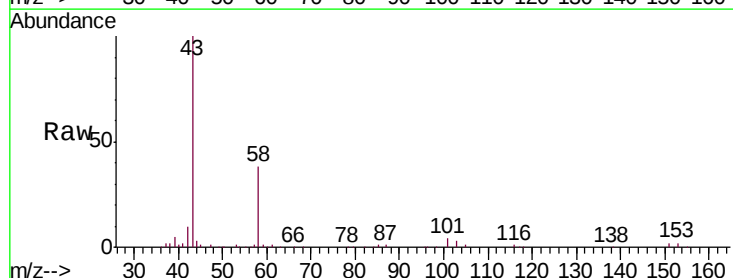
Acq: 11 Sep 2019 17:39

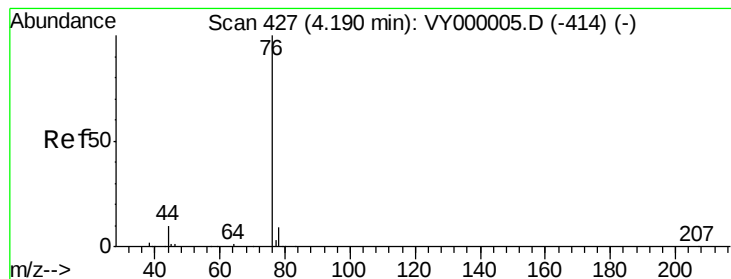
Tgt Ion: 43 Resp: 106559

Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7





#17

Carbon Disulfide

Concen: 50.179 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

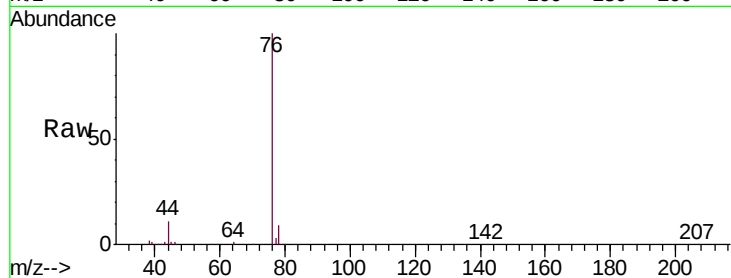
VSTDICCC050

Tgt Ion: 76 Resp: 137343

Ion Ratio Lower Upper

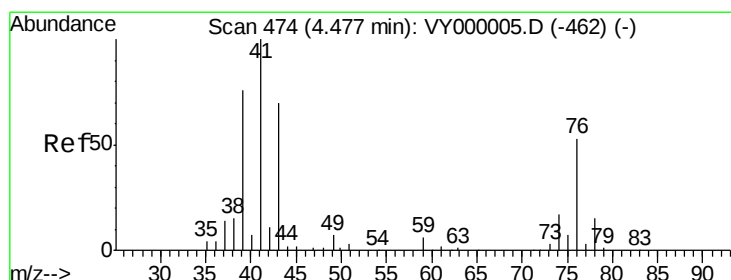
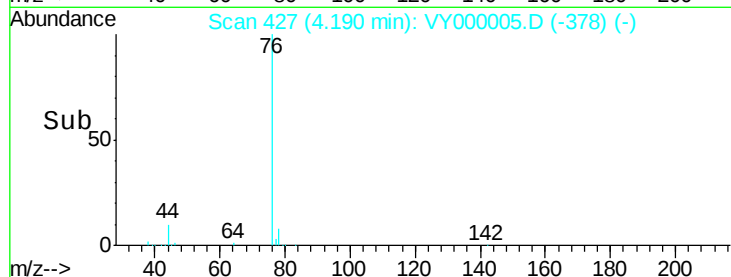
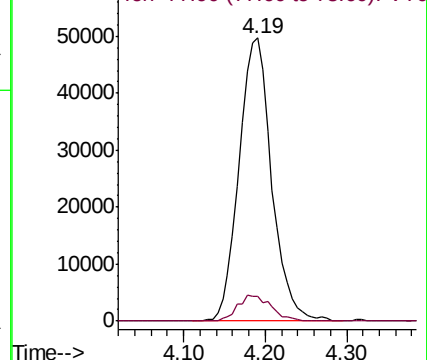
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 52.549 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000005.D

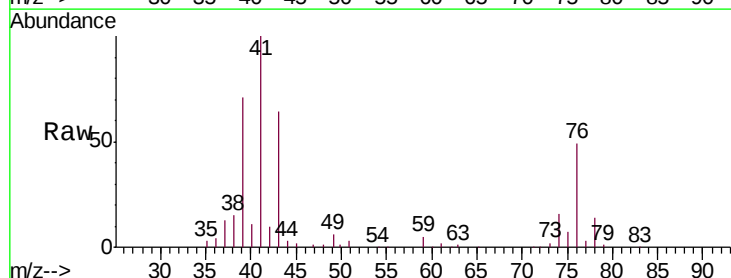
Acq: 11 Sep 2019 17:39

Tgt Ion: 43 Resp: 59445

Ion Ratio Lower Upper

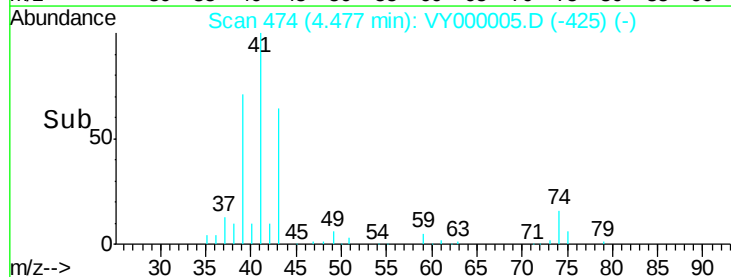
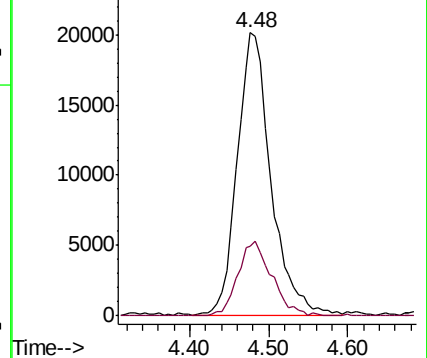
43 100

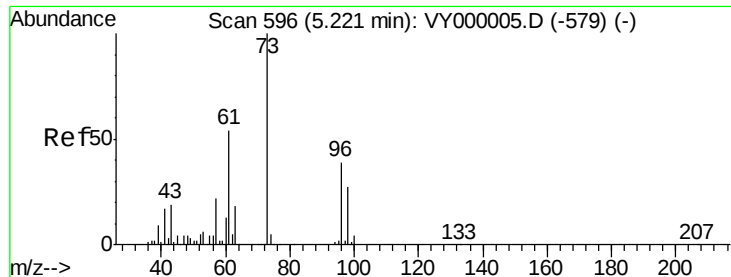
74 26.8 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



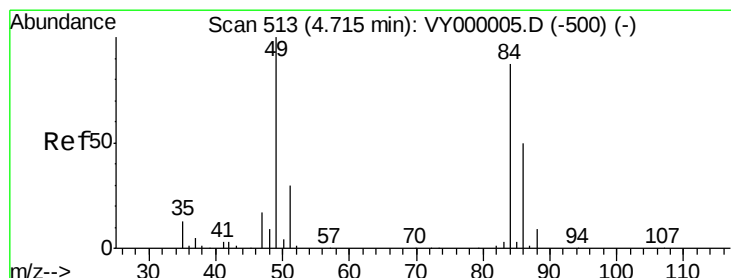
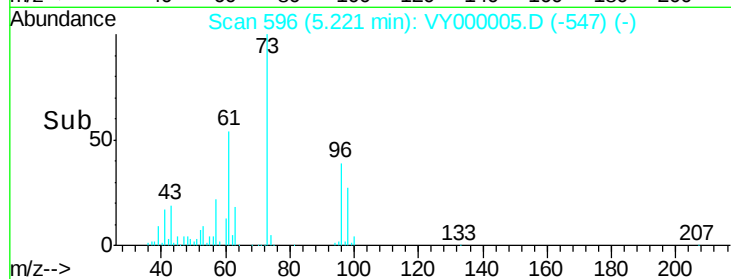
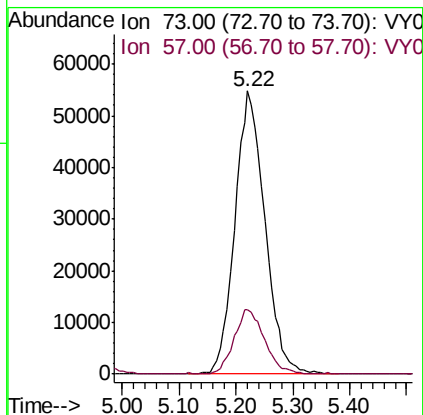
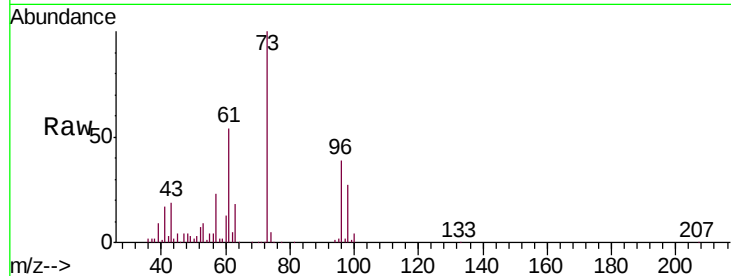


#19

Methyl tert-butyl Ether
Concen: 72.489 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

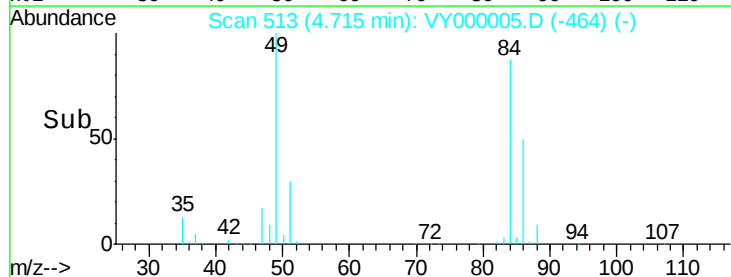
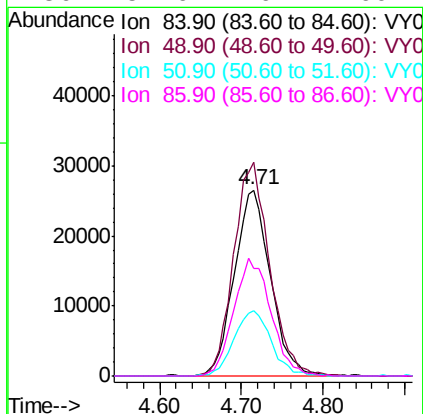
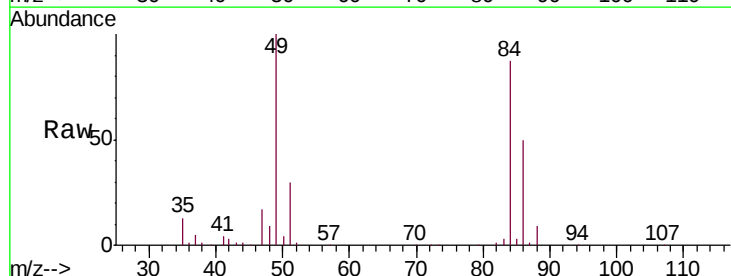
Tgt Ion: 73 Resp: 200768
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

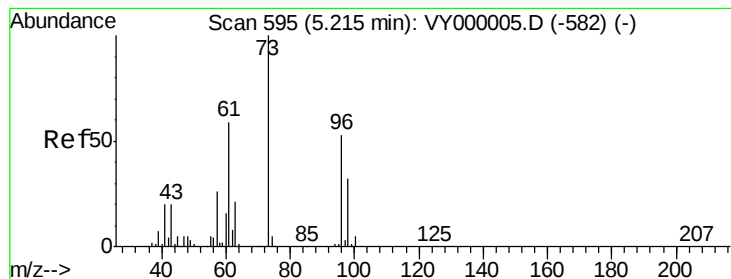


#20

Methylene Chloride
Concen: 53.661 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 84 Resp: 81493
Ion Ratio Lower Upper
84 100
49 114.6 91.7 137.5
51 35.0 28.0 42.0
86 57.6 46.1 69.1





#21

trans-1,2-Dichloroethene

Concen: 55.473 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

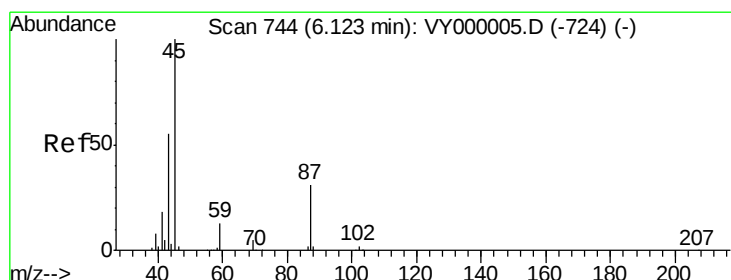
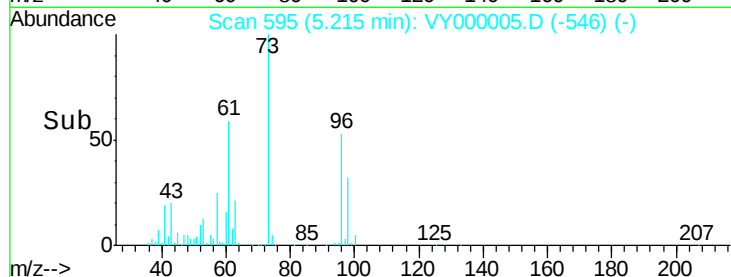
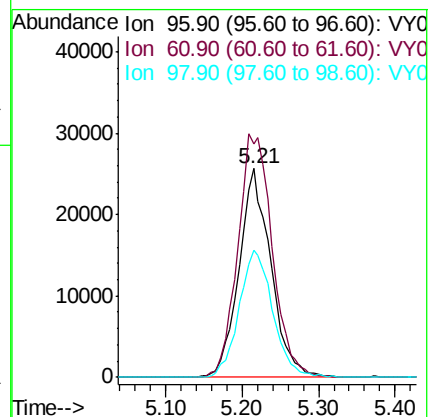
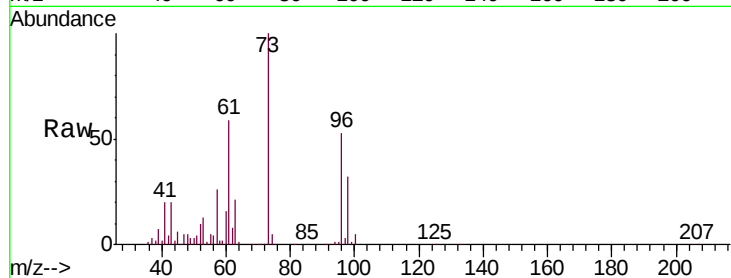
Tgt Ion: 96 Resp: 74115

Ion Ratio Lower Upper

96 100

61 111.8 89.4 134.2

98 60.8 48.6 73.0



#22

Diisopropyl ether

Concen: 45.452 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion: 45 Resp: 232995

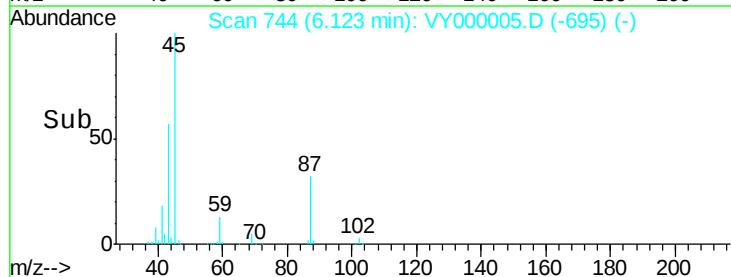
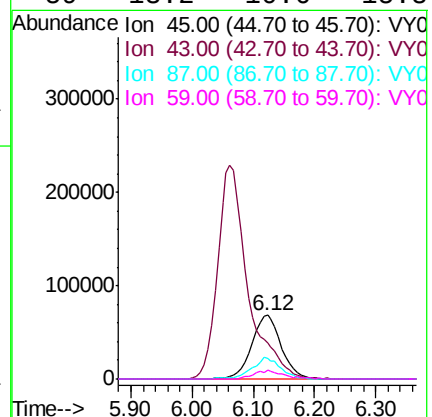
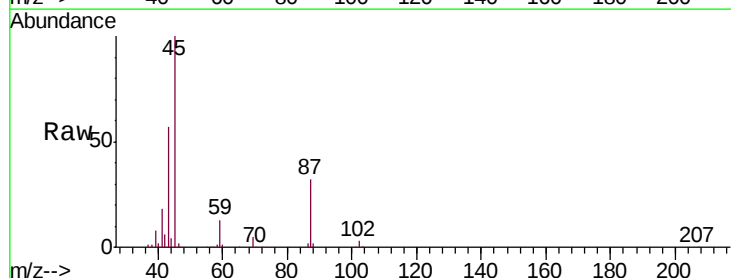
Ion Ratio Lower Upper

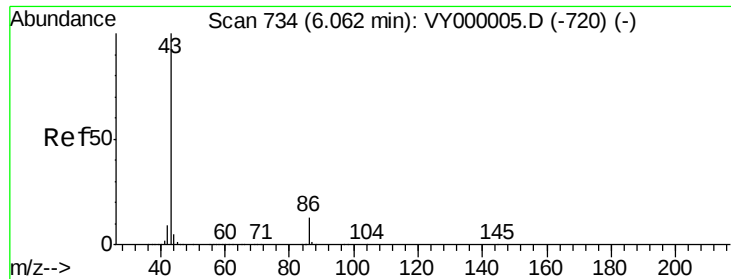
45 100

43 56.5 45.2 67.8

87 31.6 25.3 37.9

59 13.2 10.6 15.8





#23

Vinyl Acetate

Concen: 240.843 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

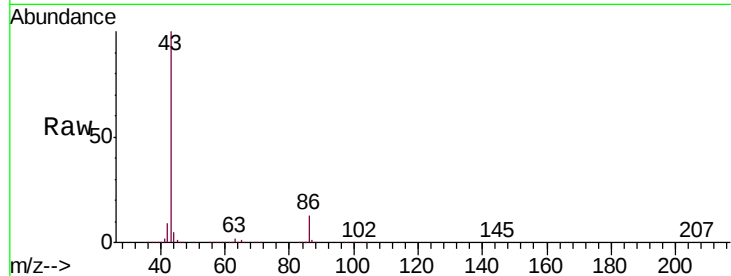
VSTDICCC050

Tgt Ion: 43 Resp: 789178

Ion Ratio Lower Upper

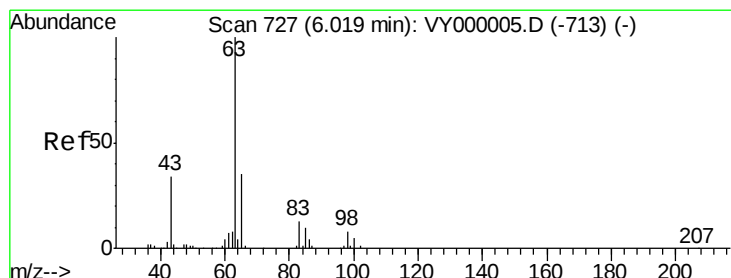
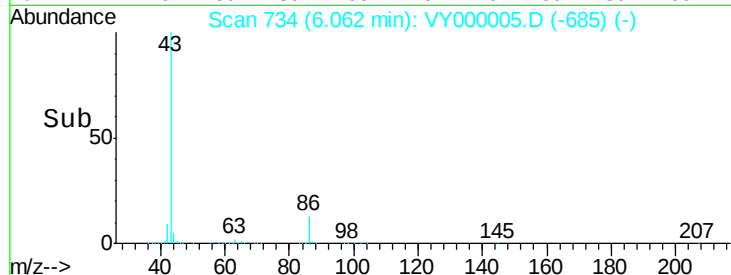
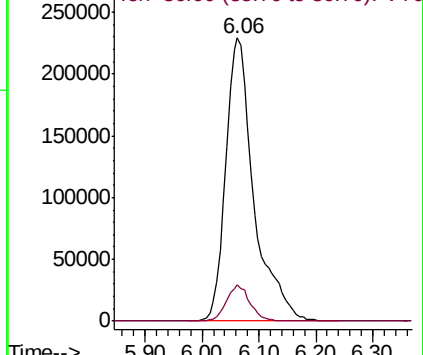
43 100

86 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.623 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

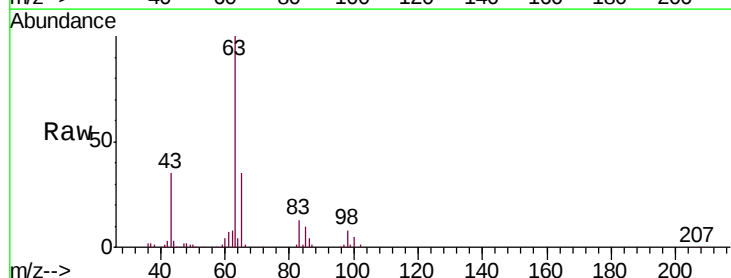
Tgt Ion: 63 Resp: 136286

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

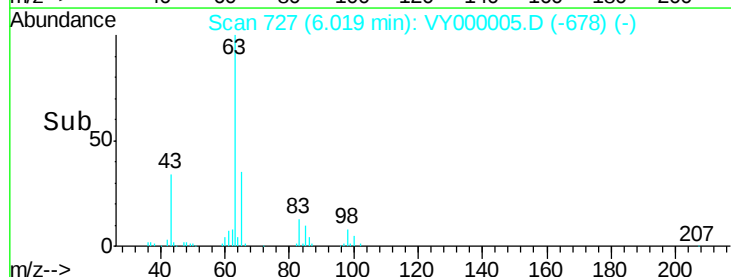
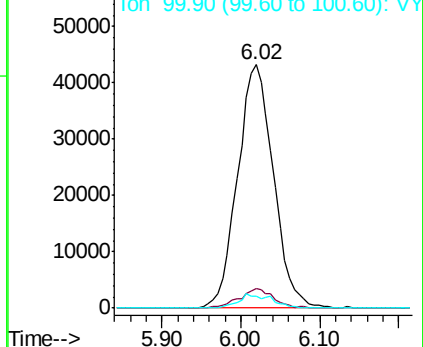
100 5.0 2.5 7.5

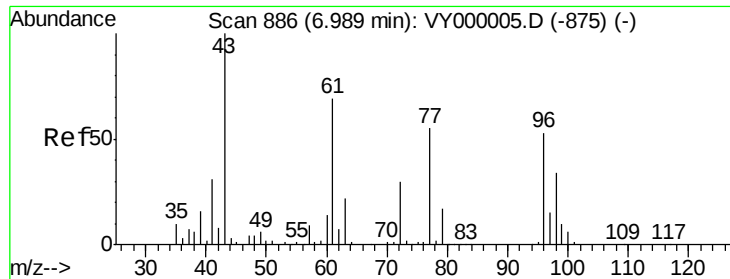


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 269.389 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

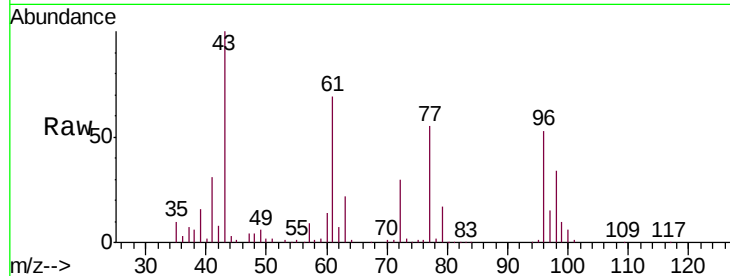
VSTDICCC050

Tgt Ion: 43 Resp: 170038

Ion Ratio Lower Upper

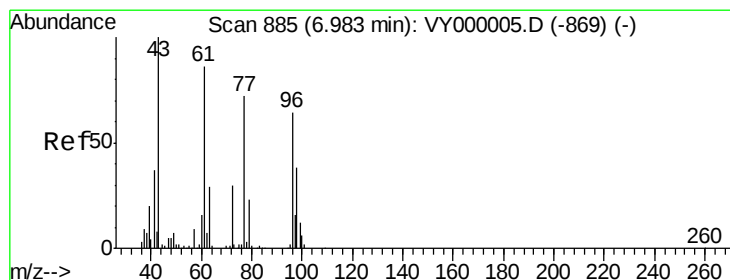
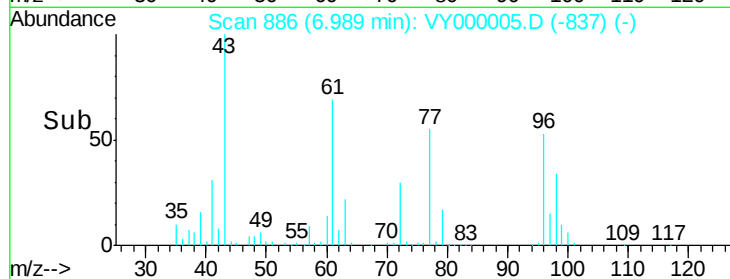
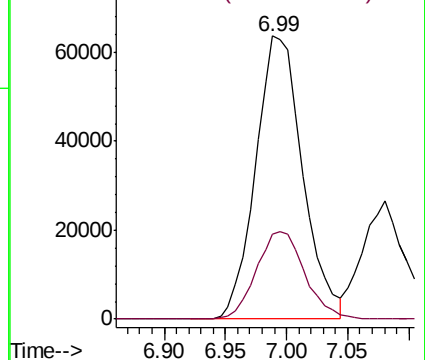
43 100

72 30.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 62.860 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000005.D

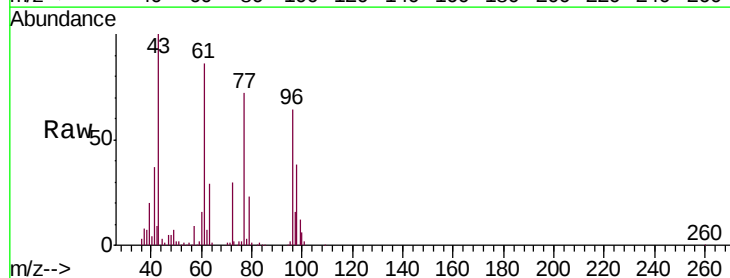
Acq: 11 Sep 2019 17:39

Tgt Ion: 77 Resp: 117664

Ion Ratio Lower Upper

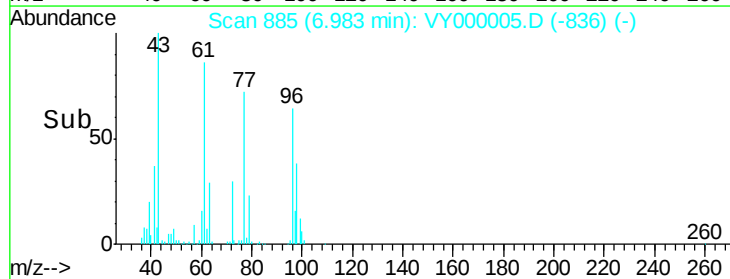
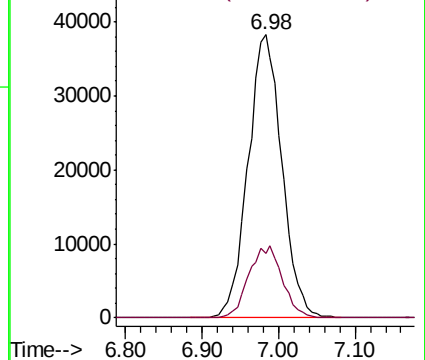
77 100

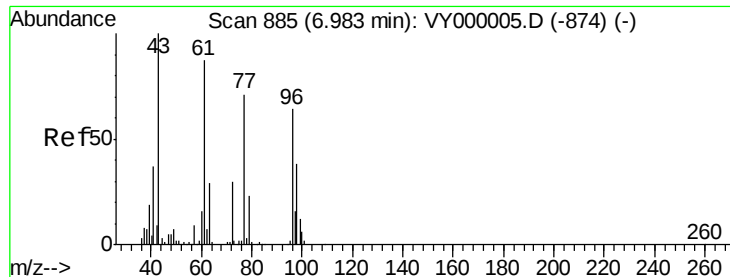
97 25.1 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



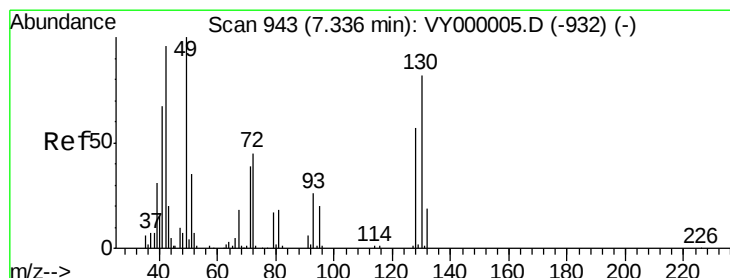
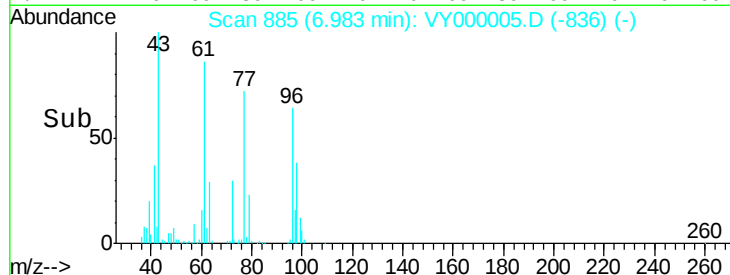
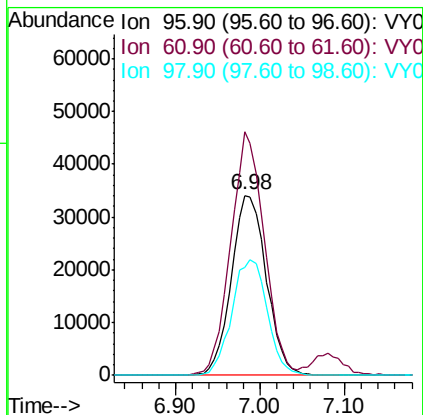
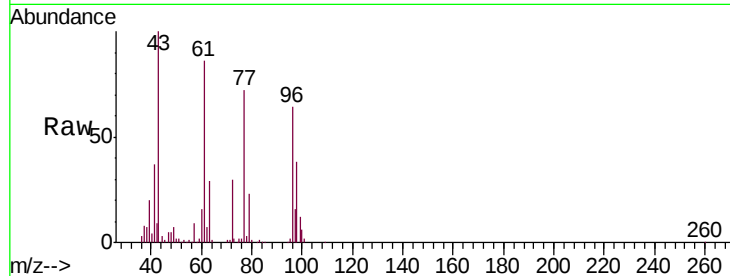


#27

cis-1,2-Dichloroethene
Concen: 60.875 ug/l
RT: 6.98 min Scan# 885
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

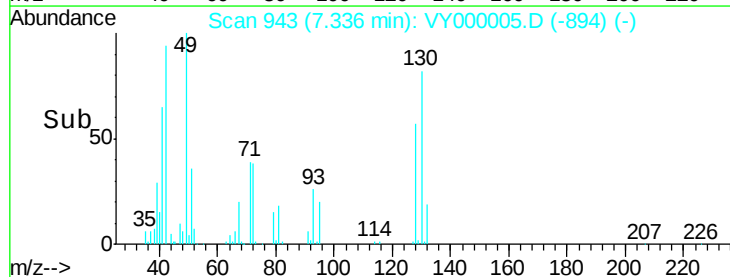
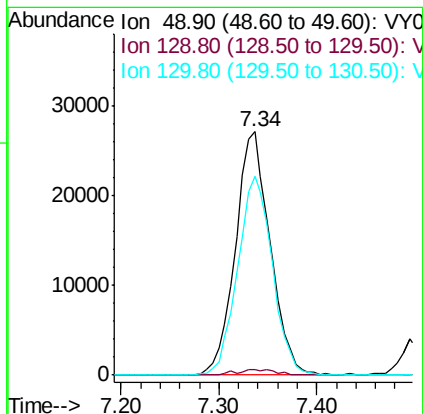
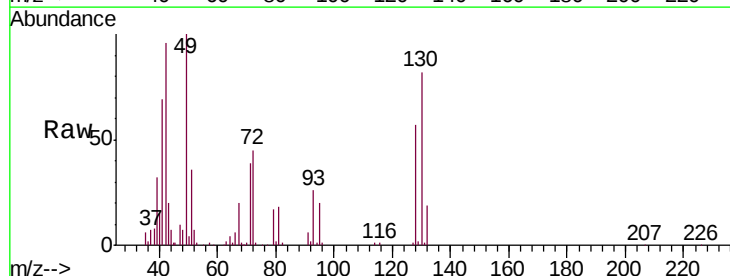
Tgt Ion: 96 Resp: 96009
Ion Ratio Lower Upper
96 100
61 129.5 0.0 259.0
98 64.9 0.0 129.8

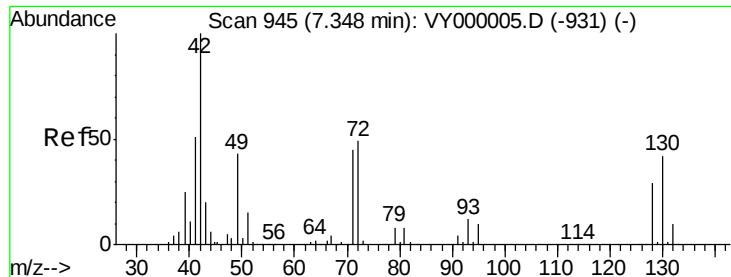


#28

Bromochloromethane
Concen: 51.181 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 49 Resp: 66842
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 81.6 65.3 97.9

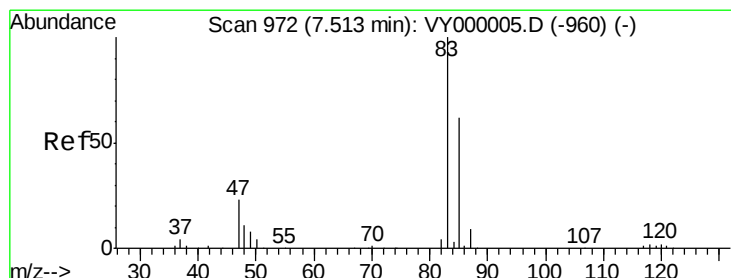
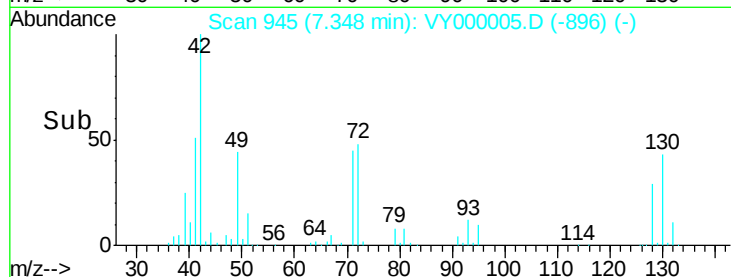
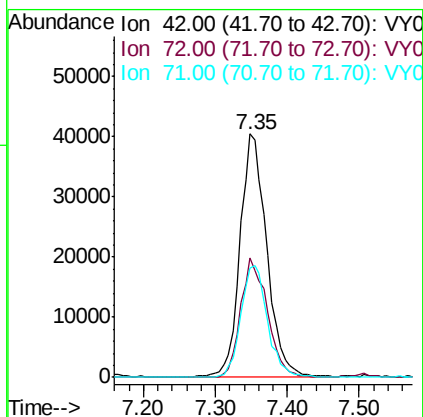
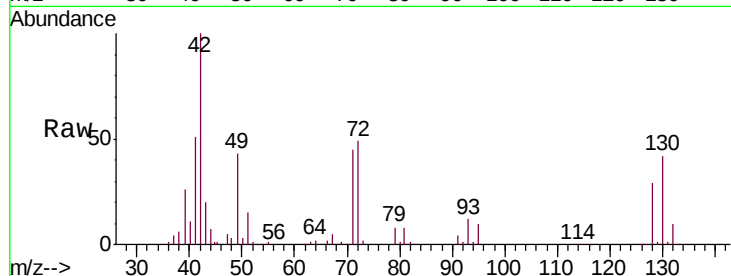




#29
Tetrahydrofuran
Concen: 269.375 ug/l
RT: 7.35 min Scan# 945
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

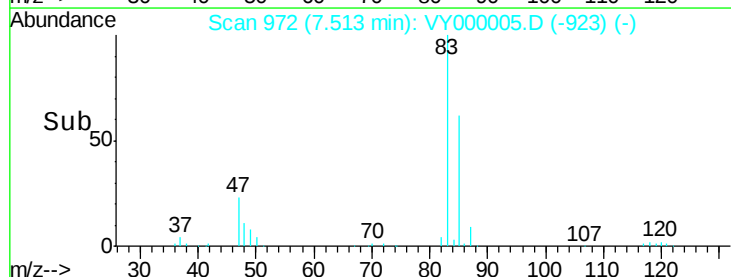
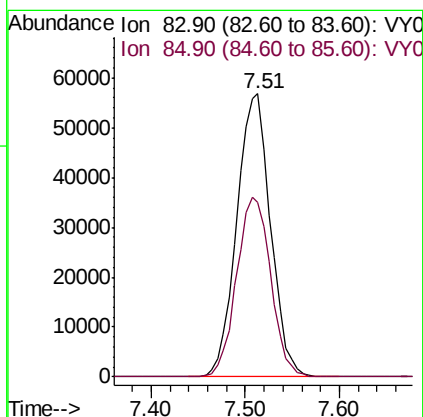
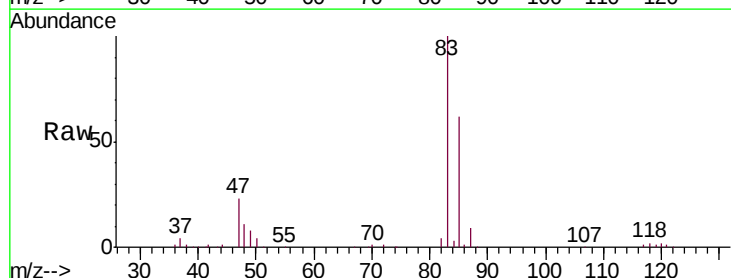
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

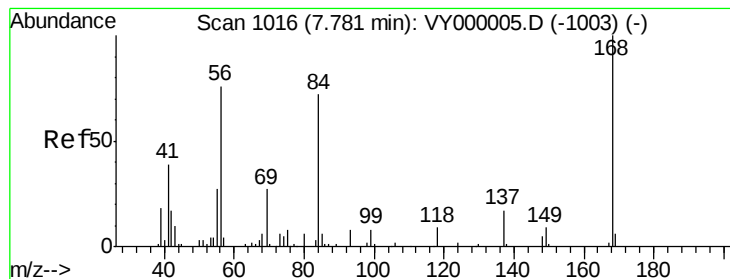
Tgt Ion: 42 Resp: 104464
Ion Ratio Lower Upper
42 100
72 49.0 39.2 58.8
71 45.5 36.4 54.6



#30
Chloroform
Concen: 50.585 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 83 Resp: 142249
Ion Ratio Lower Upper
83 100
85 61.7 49.4 74.0





#31

Cyclohexane

Concen: 43.227 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

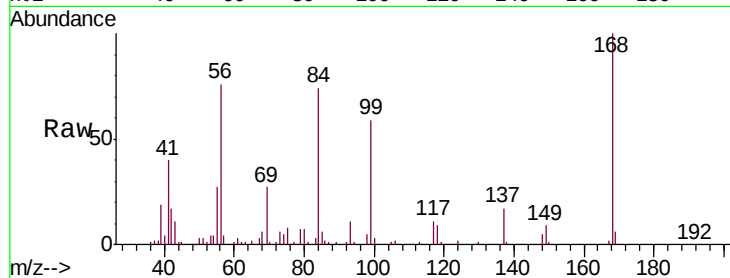
Tgt Ion: 56 Resp: 108860

Ion Ratio Lower Upper

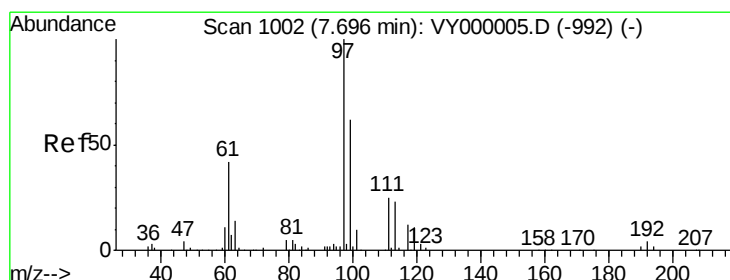
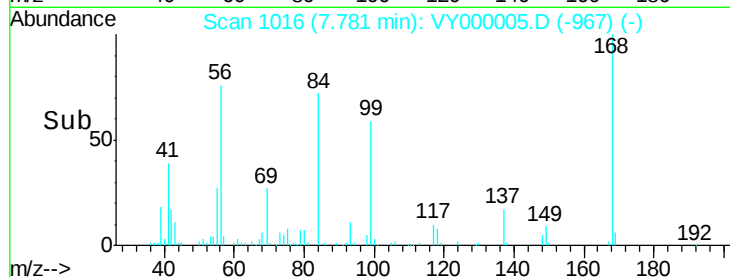
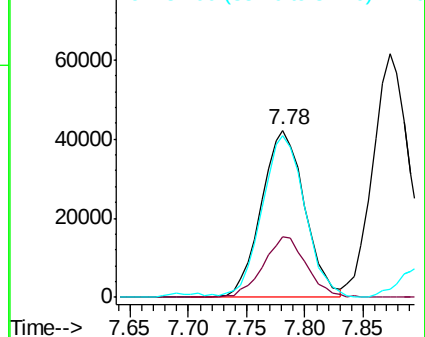
56 100

69 35.6 28.5 42.7

84 95.5 76.4 114.6



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: 51.407 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

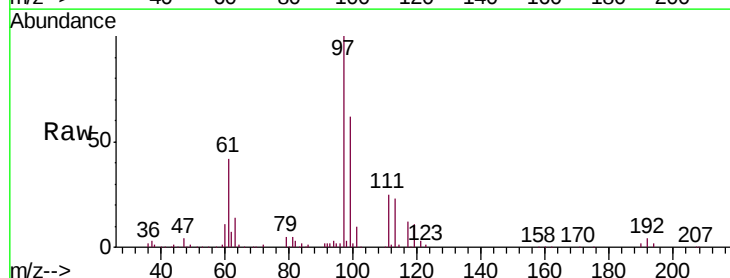
Tgt Ion: 97 Resp: 117140

Ion Ratio Lower Upper

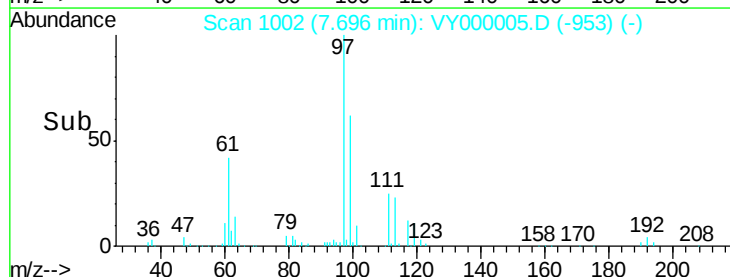
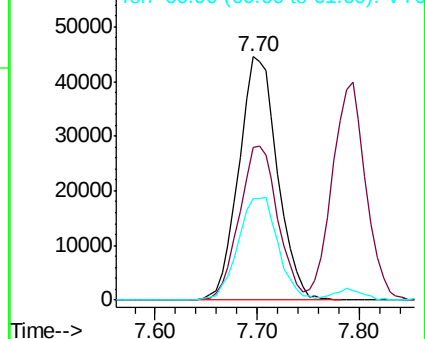
97 100

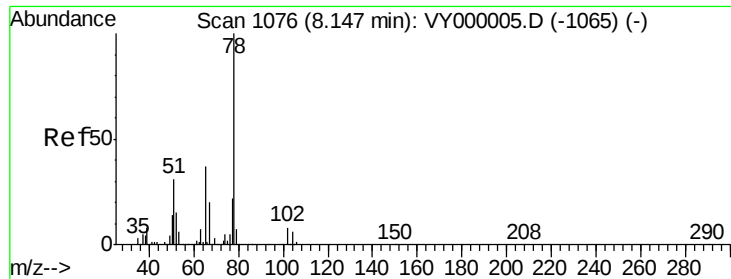
99 62.9 50.3 75.5

61 43.7 35.0 52.4



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

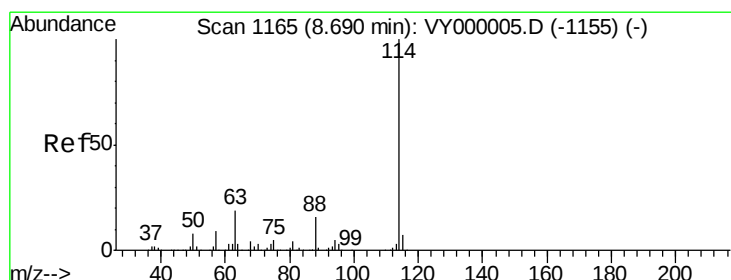
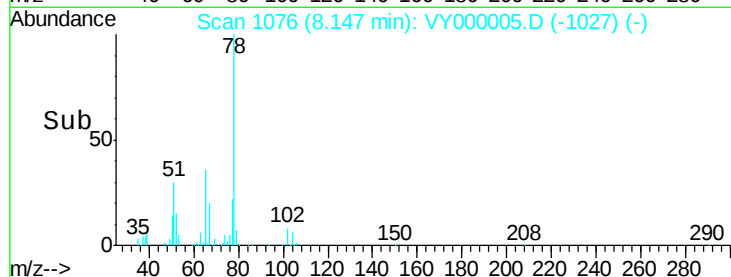
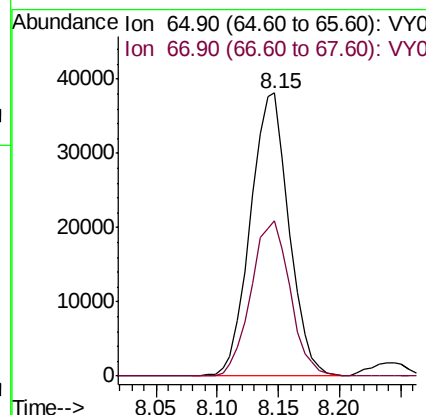
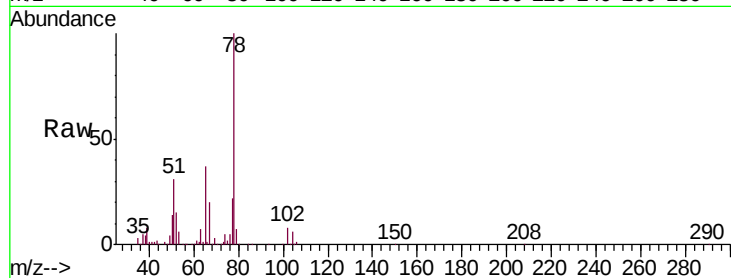




#33
 1,2-Dichloroethane-d4
 Concen: 48.287 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

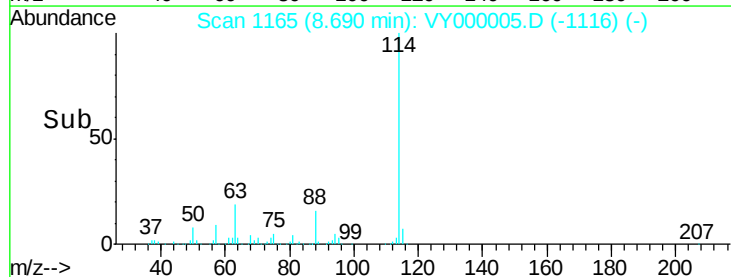
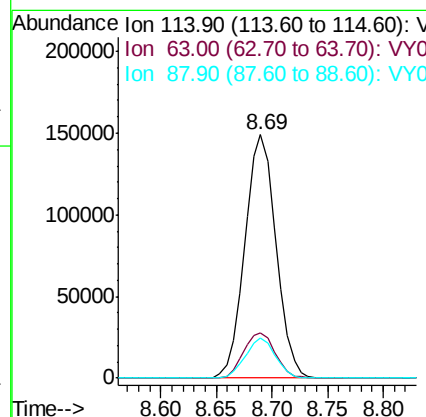
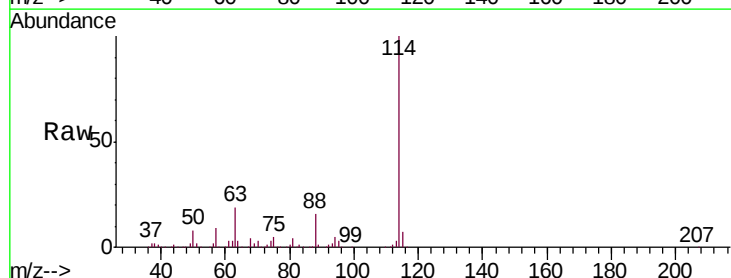
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

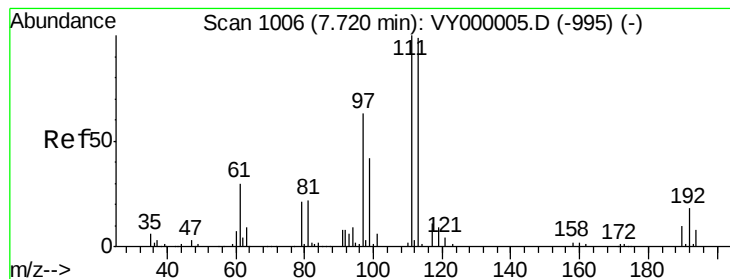
Tgt Ion: 65 Resp: 83580
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 114 Resp: 289794
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.384 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

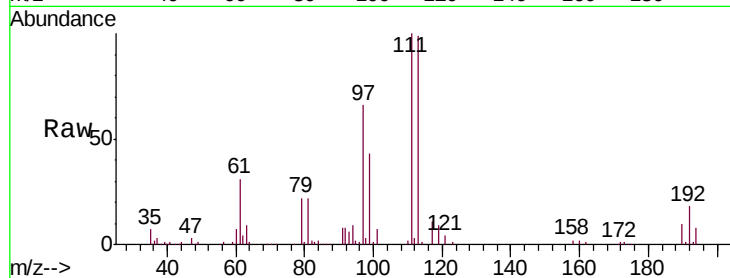
Tgt Ion: 113 Resp: 82683

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

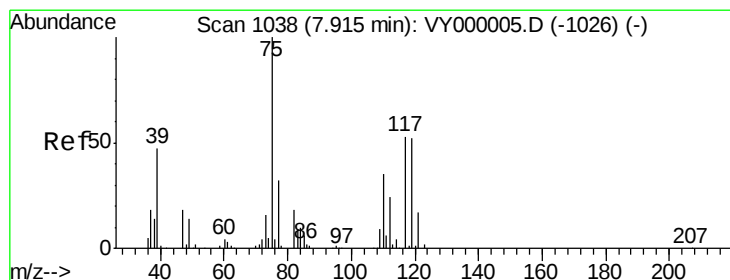
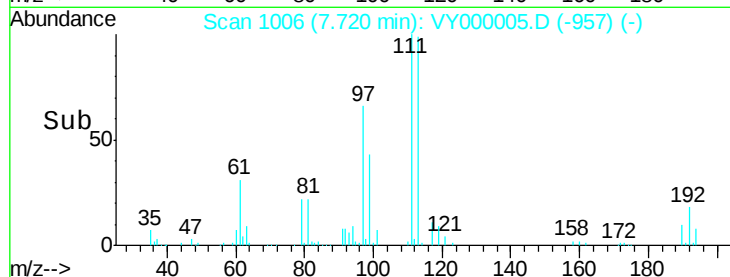
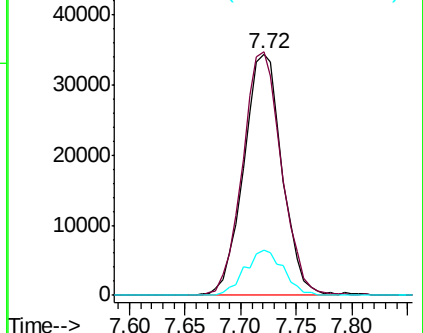
192 19.0 15.2 22.8



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: 40.592 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

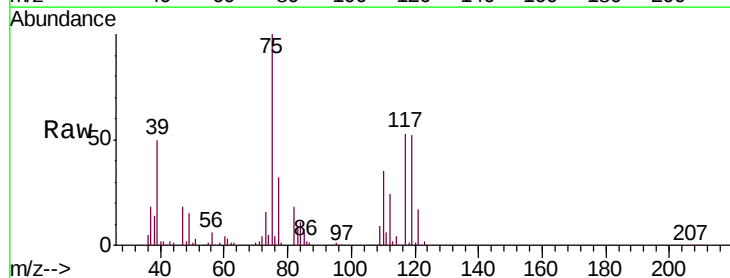
Tgt Ion: 75 Resp: 99617

Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

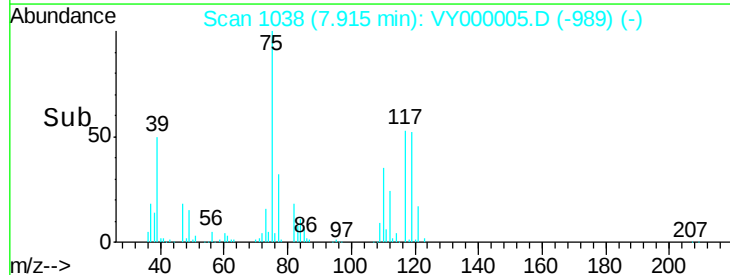
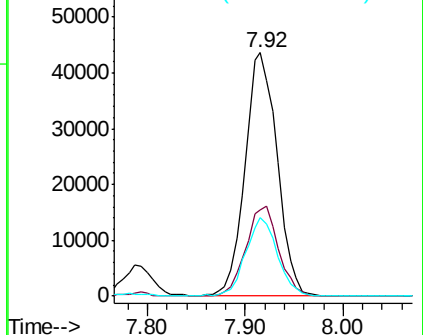
77 32.0 25.6 38.4

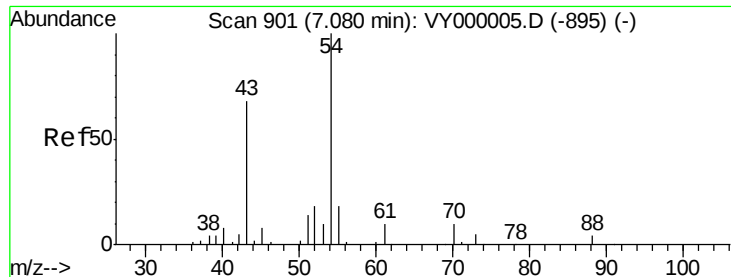


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

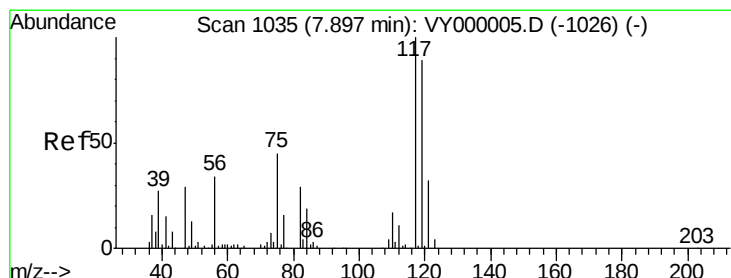
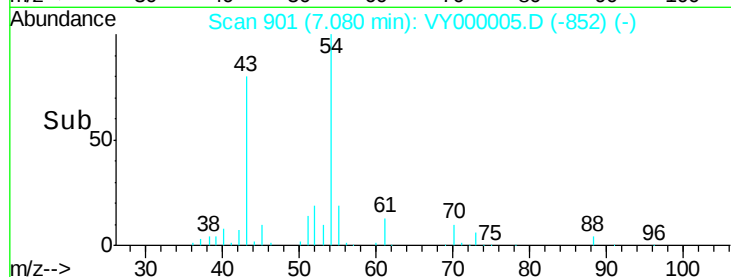
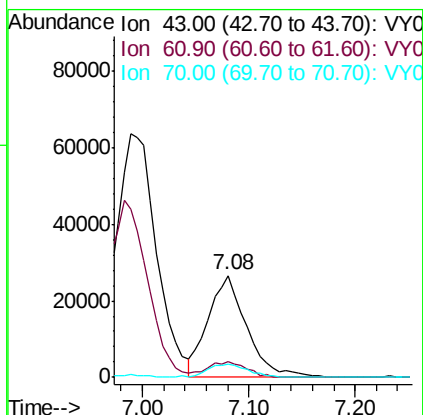
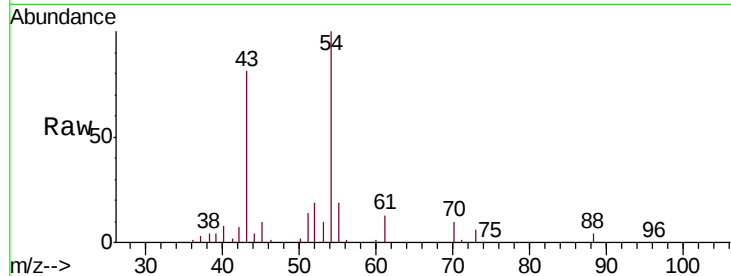




#37
Ethyl Acetate
Concen: 42.192 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

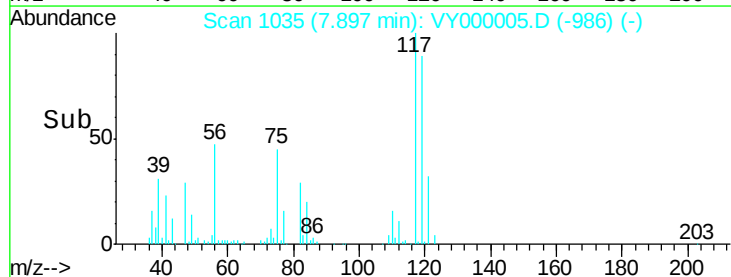
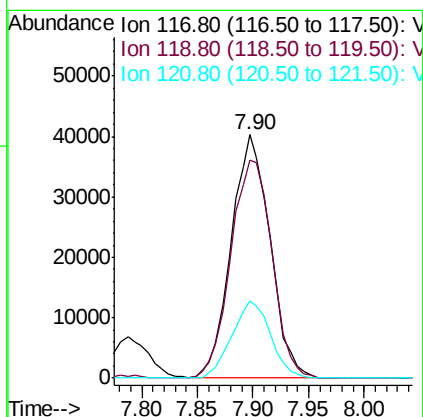
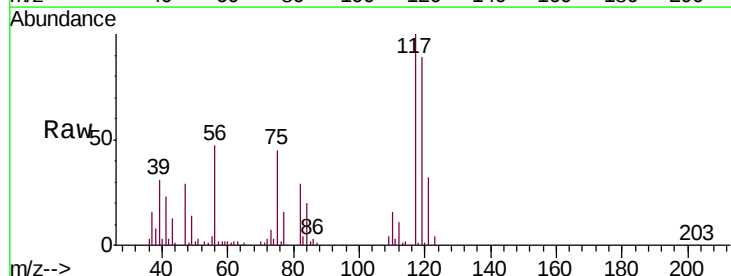
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

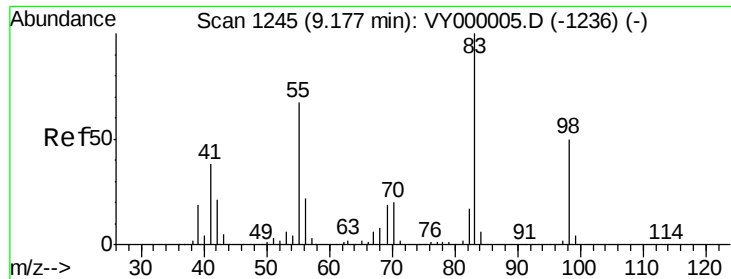
Tgt Ion: 43 Resp: 66661
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 13.7 11.0 16.4



#38
Carbon Tetrachloride
Concen: 40.419 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 117 Resp: 97421
Ion Ratio Lower Upper
117 100
119 89.4 71.5 107.3
121 31.6 25.3 37.9

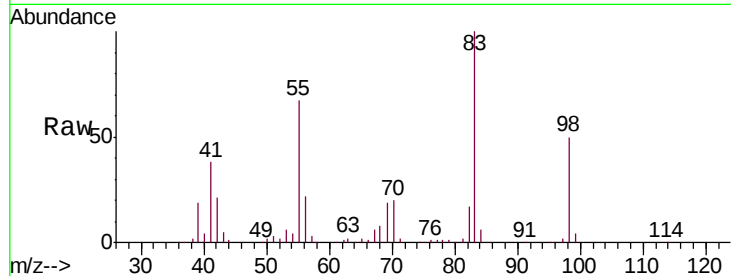




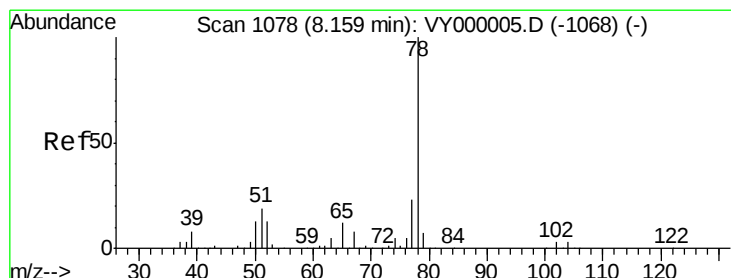
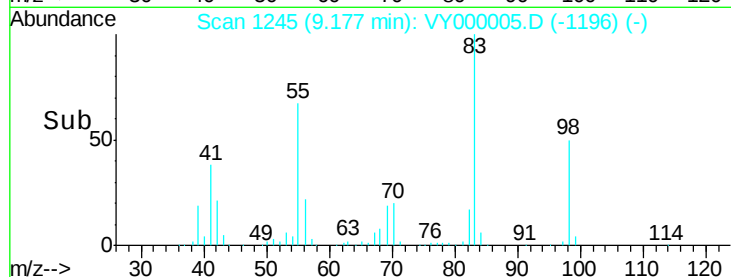
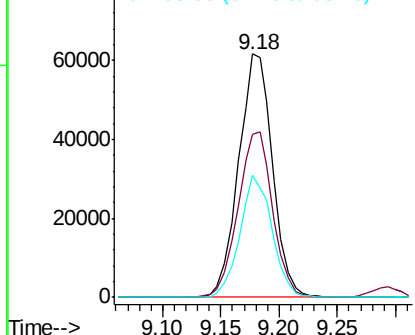
#39
Methylcyclohexane
Concen: 44.470 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 124821
Ion Ratio Lower Upper
83 100
55 67.2 53.8 80.6
98 50.0 40.0 60.0

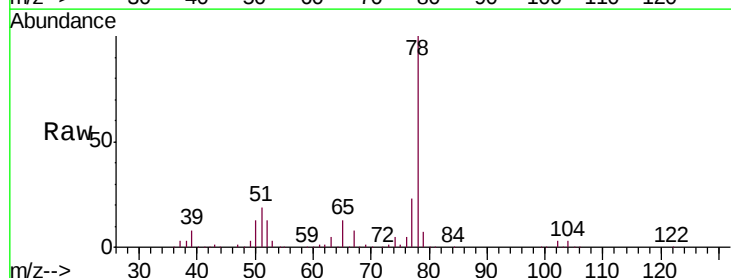


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

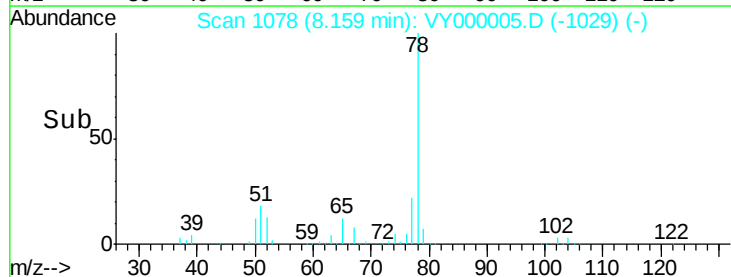
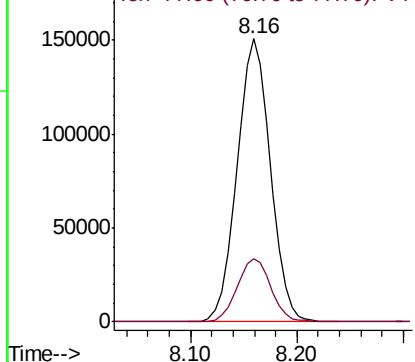


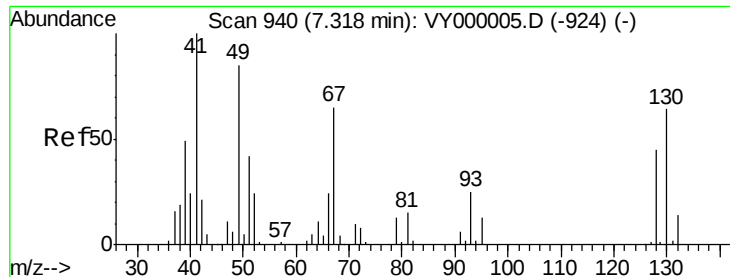
#40
Benzene
Concen: 47.329 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 78 Resp: 330607
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

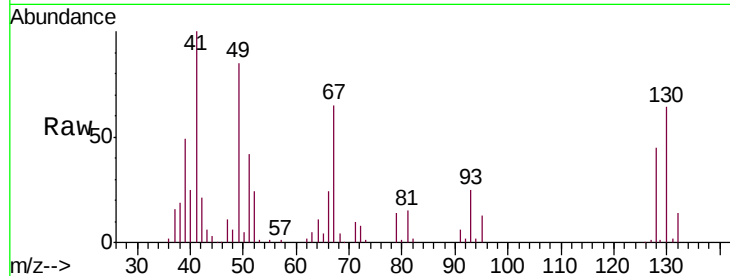




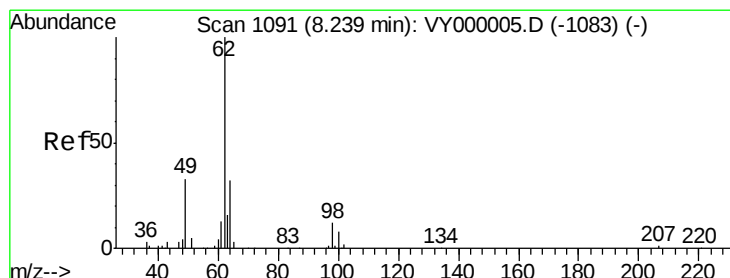
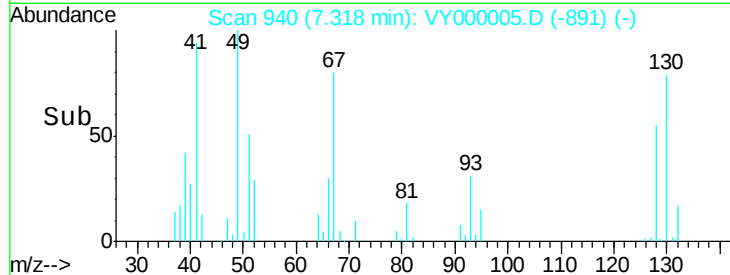
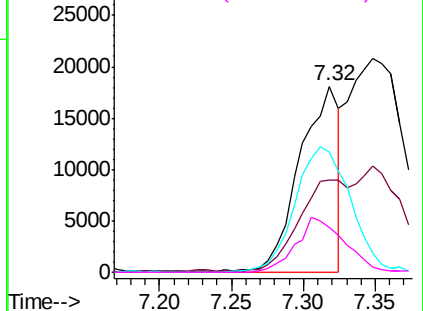
#41
Methacrylonitrile
Concen: 37.278 ug/l
RT: 7.32 min Scan# 940
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 34511
Ion Ratio Lower Upper
41 100
39 60.5 48.4 72.6
67 95.4 76.3 114.5
52 36.3 29.0 43.6

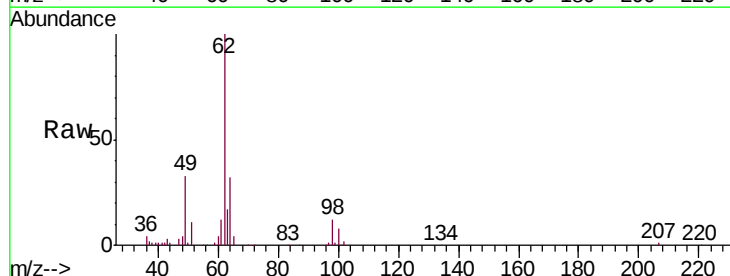


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

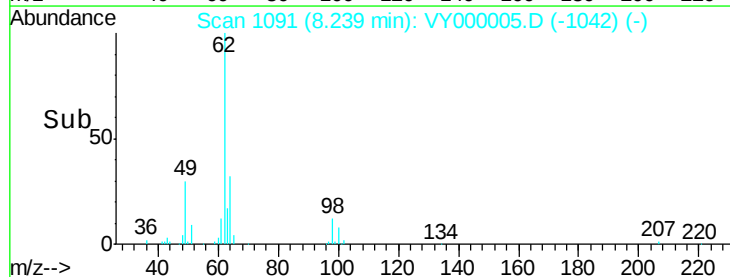
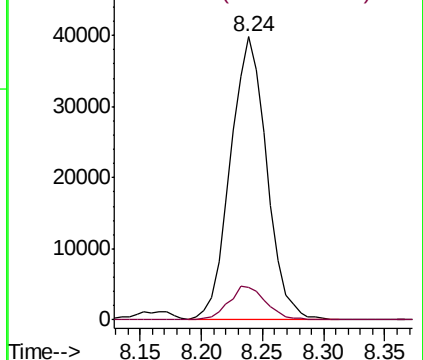


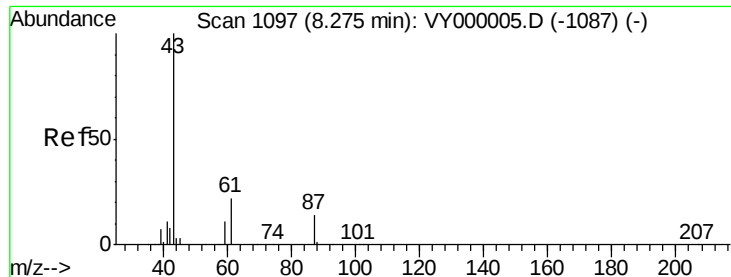
#42
1,2-Dichloroethane
Concen: 34.825 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 62 Resp: 81932
Ion Ratio Lower Upper
62 100
98 12.1 0.0 24.2



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

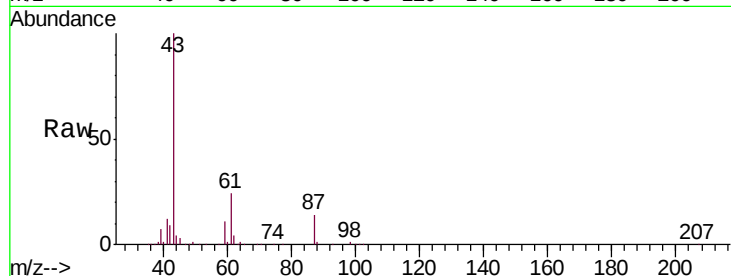




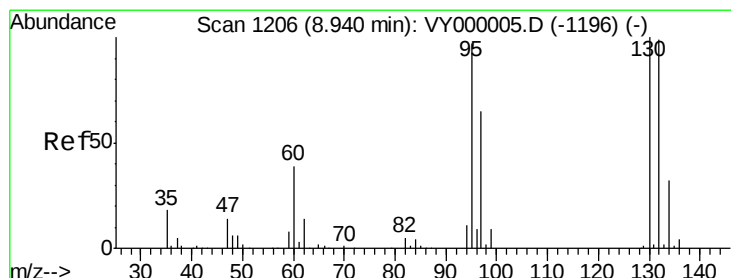
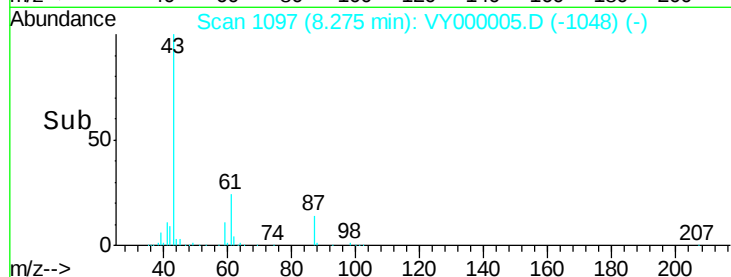
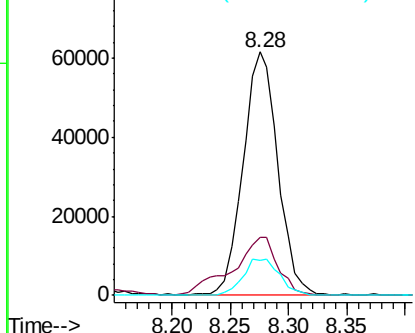
#43
Isopropyl Acetate
Concen: 42.668 ug/l
RT: 8.28 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 127478
Ion Ratio Lower Upper
43 100
61 31.5 25.2 37.8
87 15.7 12.6 18.8

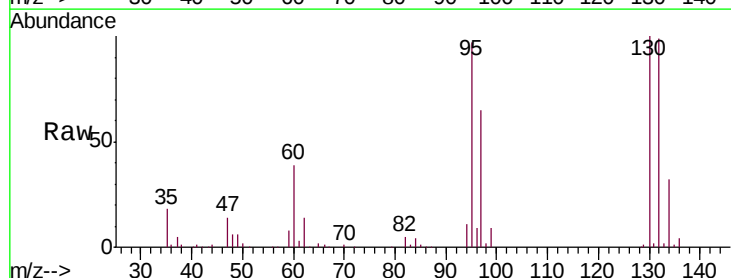


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

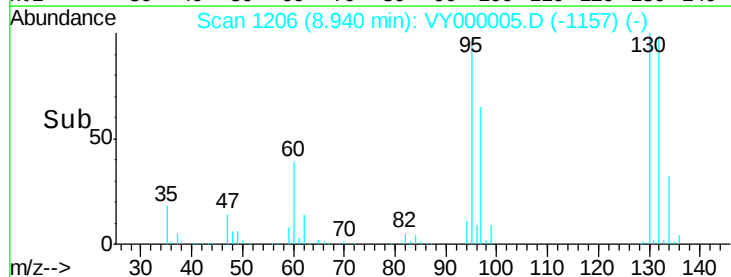
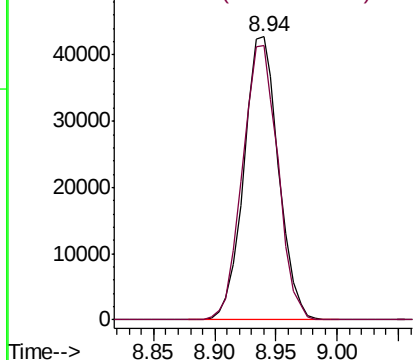


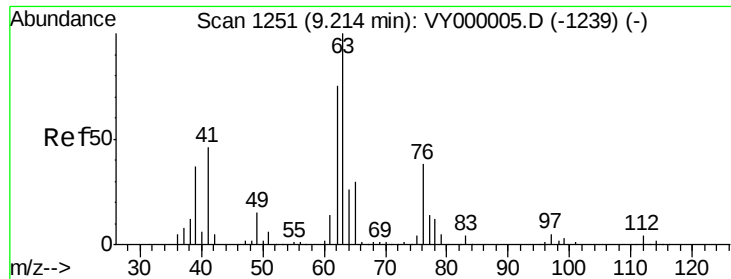
#44
Trichloroethene
Concen: 46.647 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 130 Resp: 84154
Ion Ratio Lower Upper
130 100
95 97.1 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

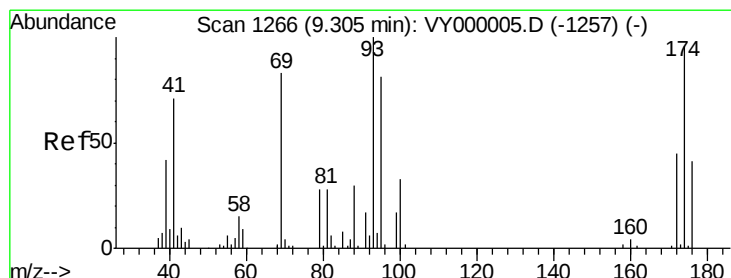
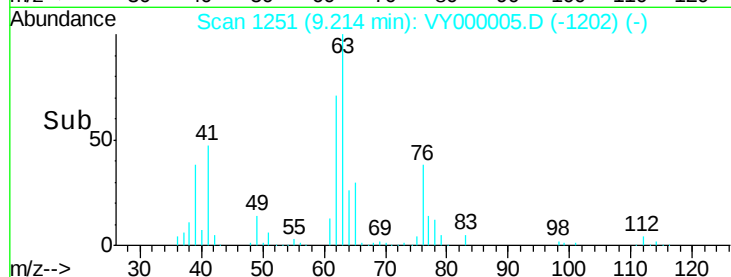
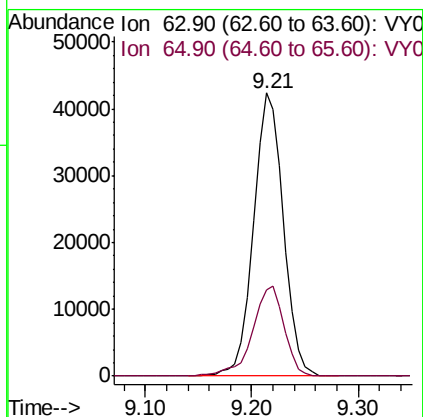
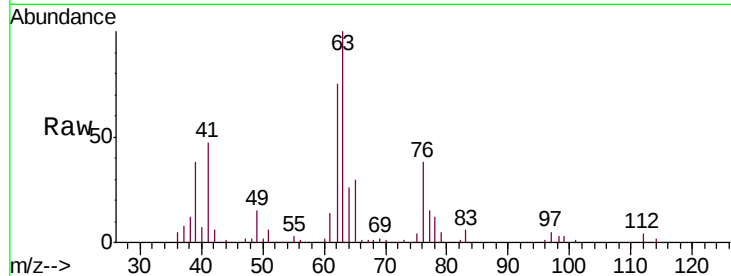




#45
 1,2-Dichloropropane
 Concen: 43.247 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

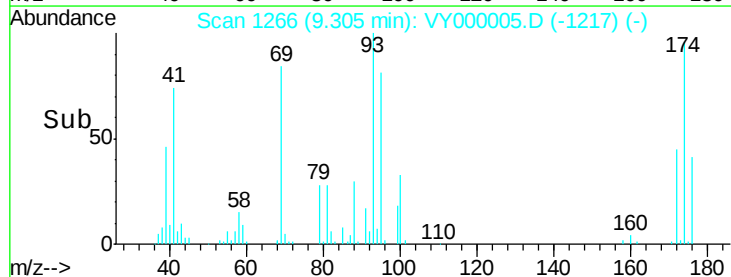
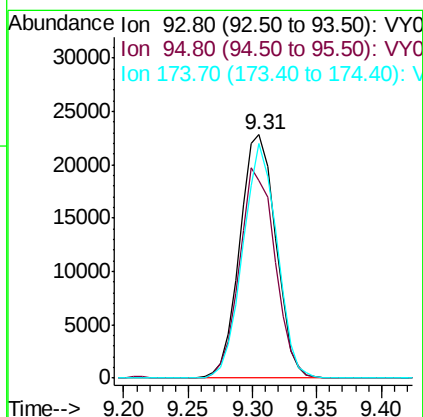
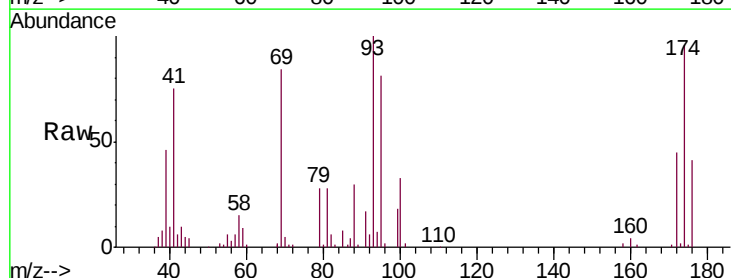
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

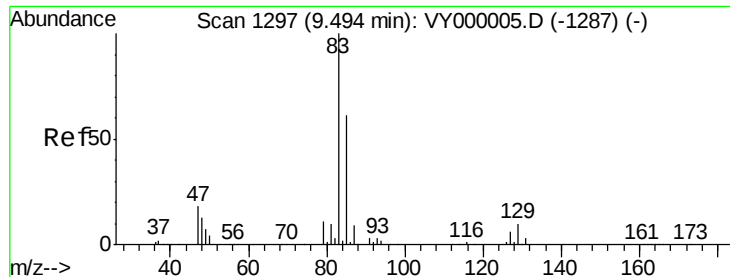
Tgt Ion: 63 Resp: 83158
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 47.792 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 93 Resp: 44226
 Ion Ratio Lower Upper
 93 100
 95 85.1 68.1 102.1
 174 91.0 72.8 109.2





#47

Bromodichloromethane

Concen: 44.878 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

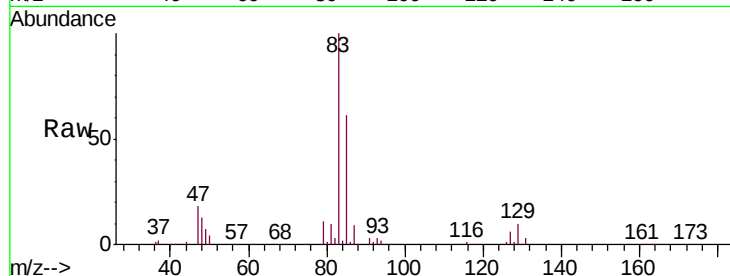
Tgt Ion: 83 Resp: 111984

Ion Ratio Lower Upper

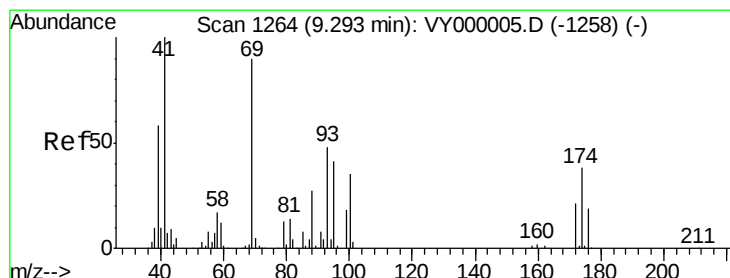
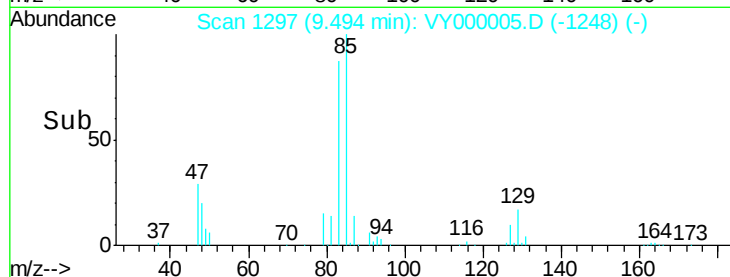
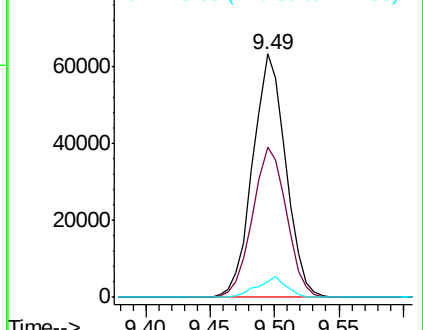
83 100

85 61.5 49.2 73.8

127 6.3 5.0 7.6



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: 40.297 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

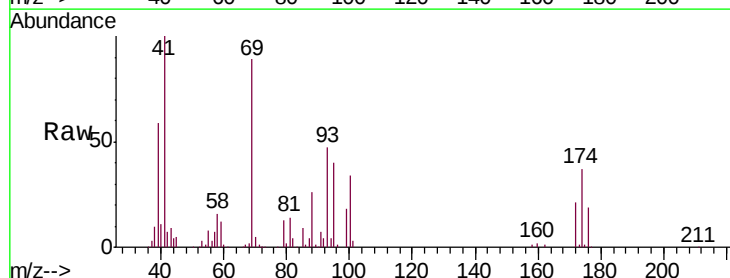
Tgt Ion: 41 Resp: 57419

Ion Ratio Lower Upper

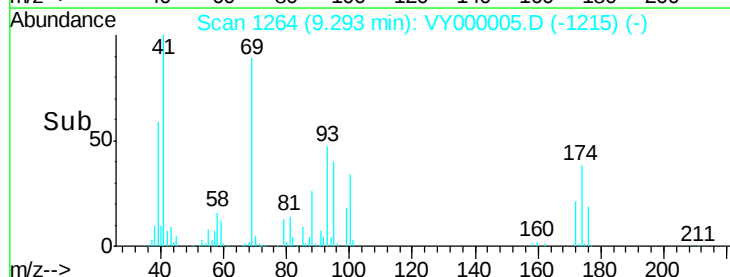
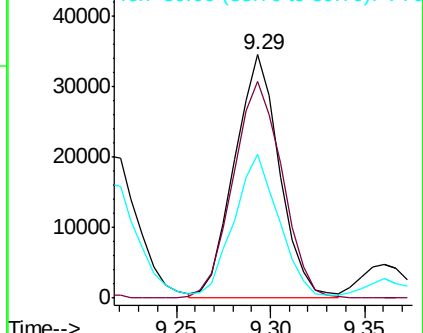
41 100

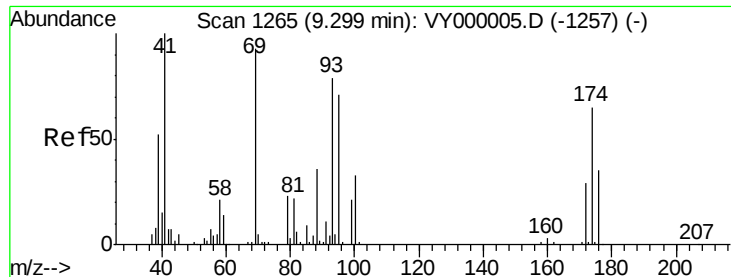
69 96.8 77.4 116.2

39 59.3 47.4 71.2



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

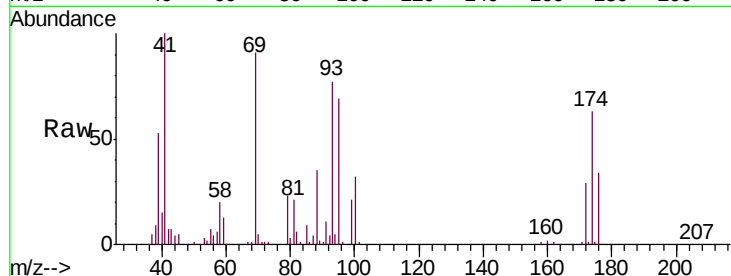




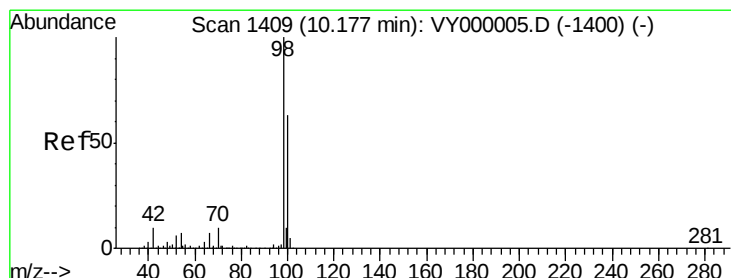
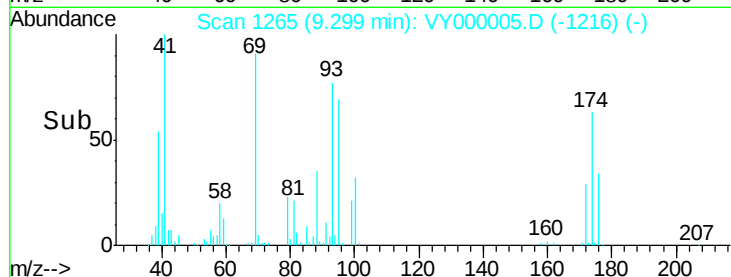
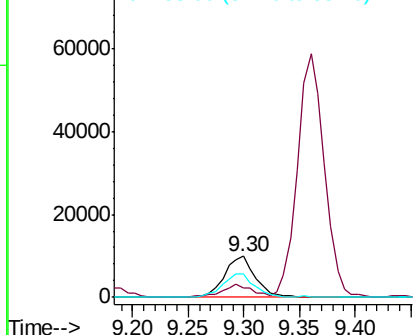
#49
1,4-Dioxane
Concen: 1021.584 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 19159
Ion Ratio Lower Upper
88 100
43 29.3 23.4 35.2
58 57.6 46.1 69.1

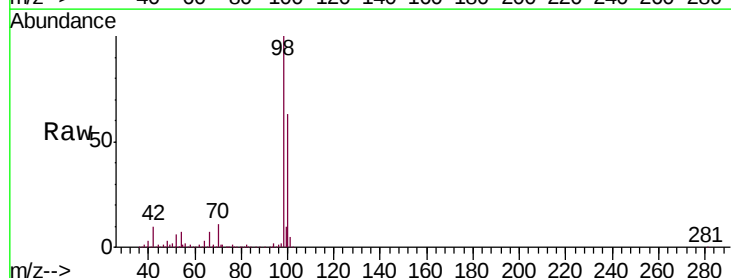


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

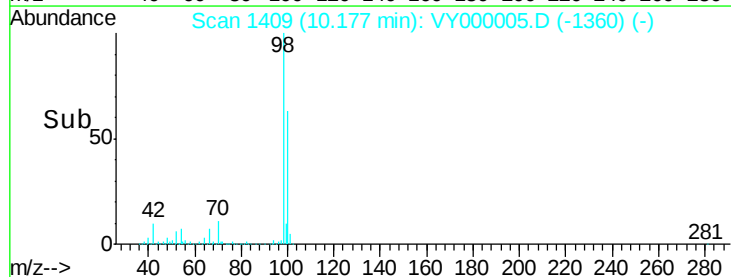
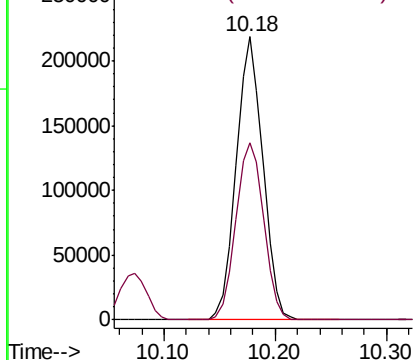


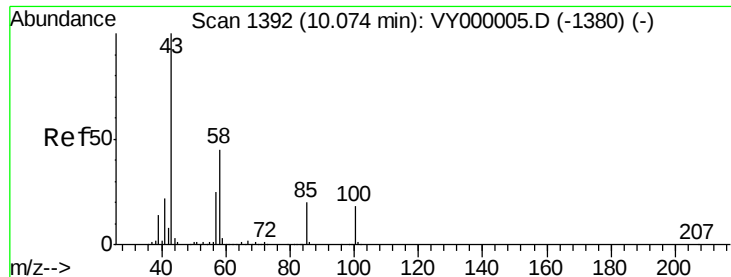
#50
Toluene-d8
Concen: 53.336 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 98 Resp: 361751
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



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

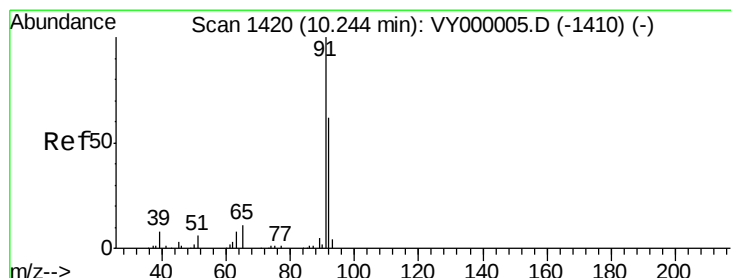
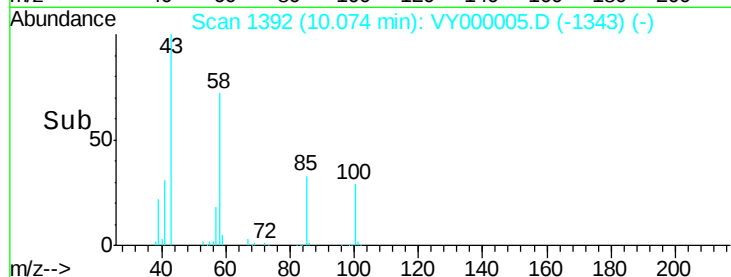
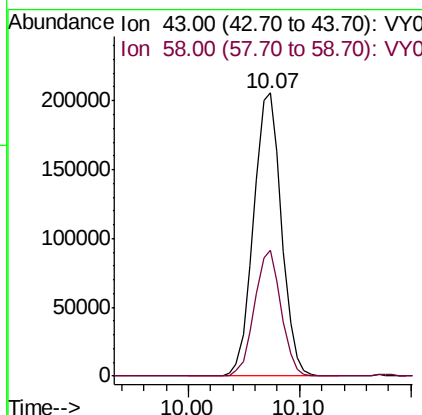
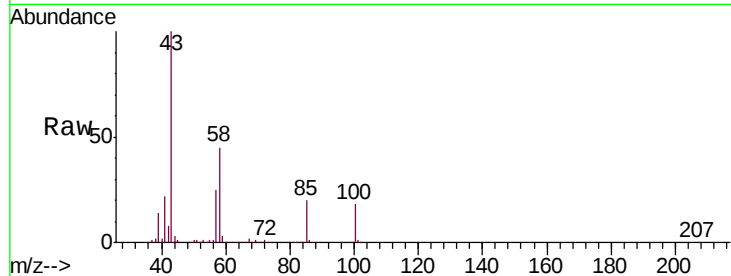




#51
 4-Methyl-2-Pentanone
 Concen: 226.767 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

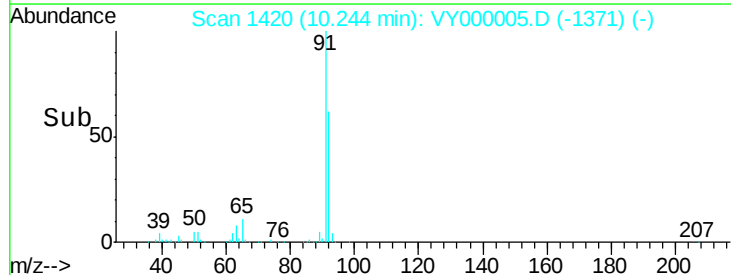
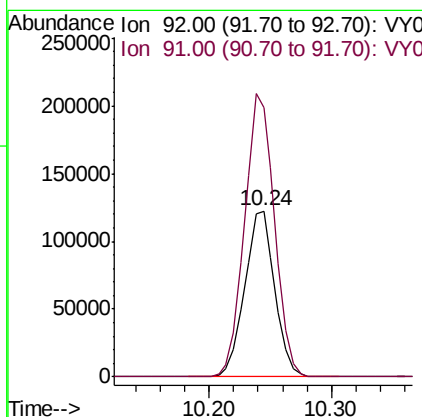
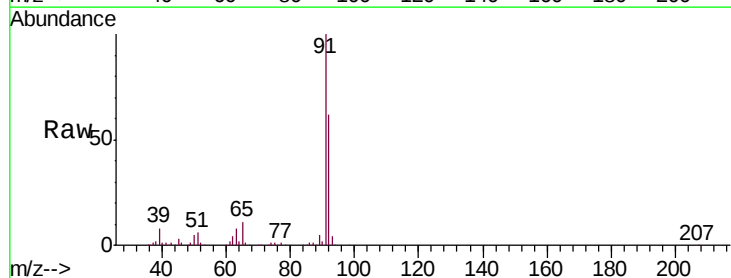
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

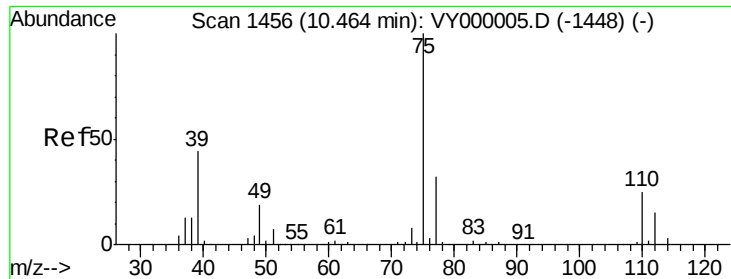
Tgt Ion: 43 Resp: 358889
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.1 51.1



#52
 Toluene
 Concen: 47.637 ug/l
 RT: 10.24 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 92 Resp: 208097
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 46.122 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

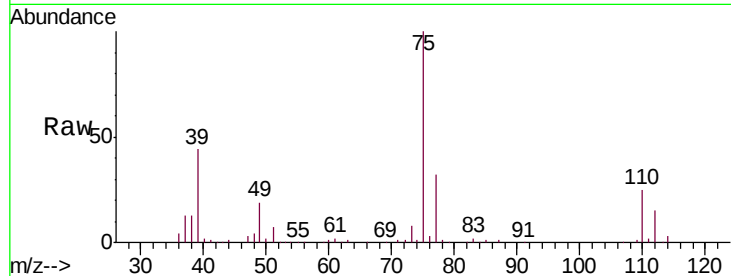
VSTDICCC050

Tgt Ion: 75 Resp: 119025

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.46

80000

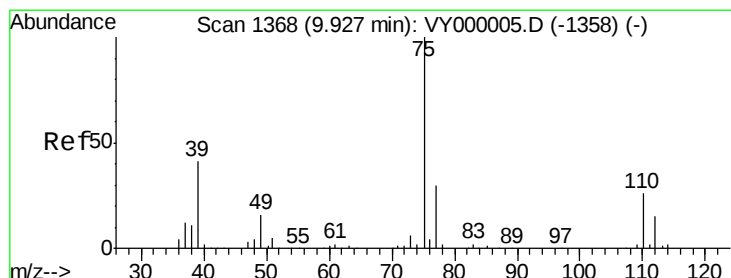
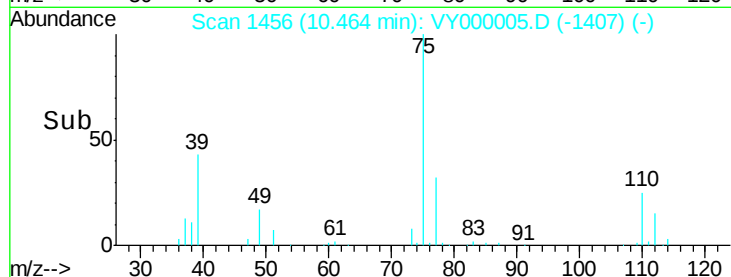
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.703 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

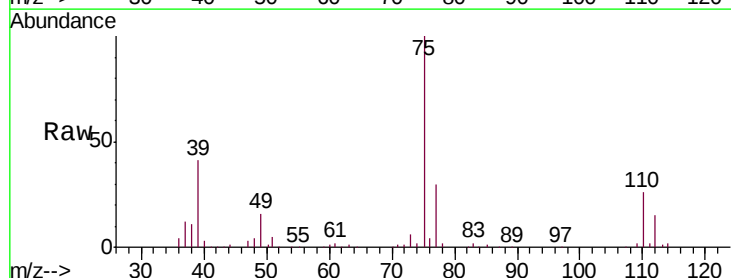
Tgt Ion: 75 Resp: 136681

Ion Ratio Lower Upper

75 100

77 30.1 24.1 36.1

39 41.2 33.0 49.4



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

9.93

100000

80000

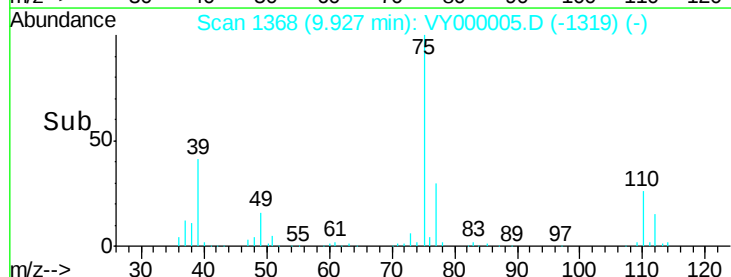
60000

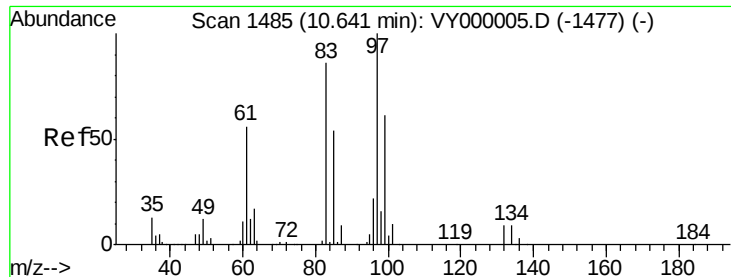
40000

20000

0

Time-->

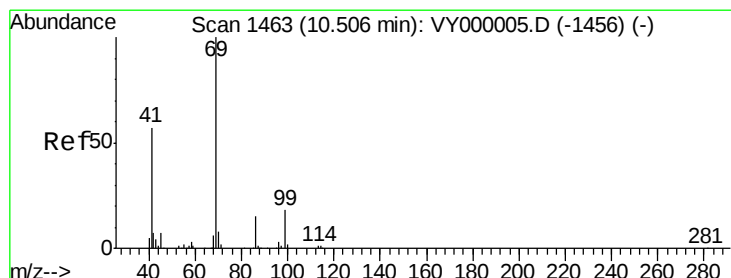
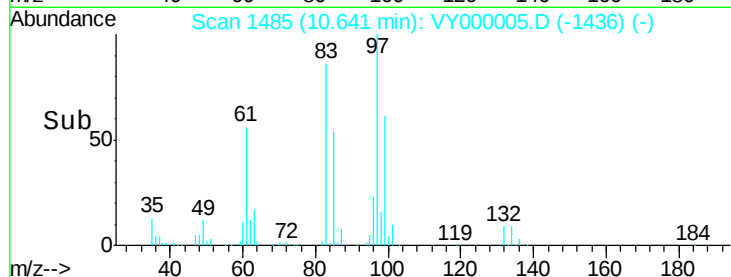
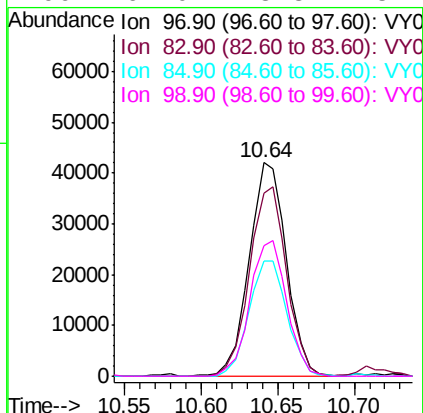
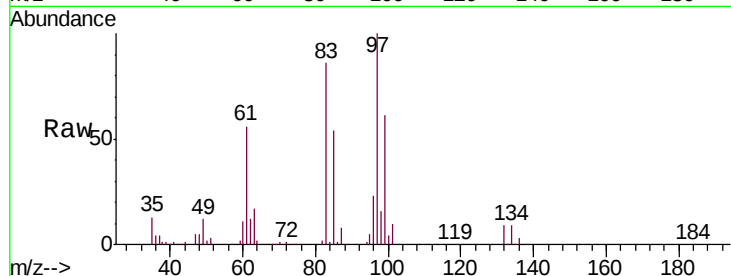




#55
 1,1,2-Trichloroethane
 Concen: 51.071 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

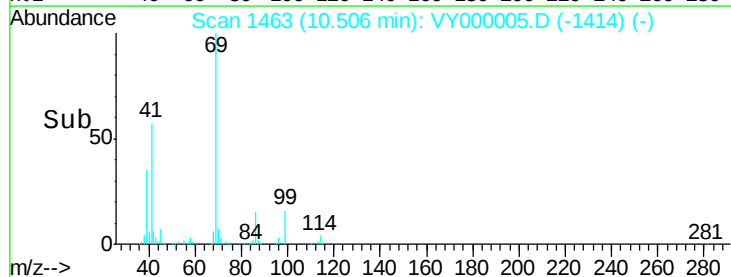
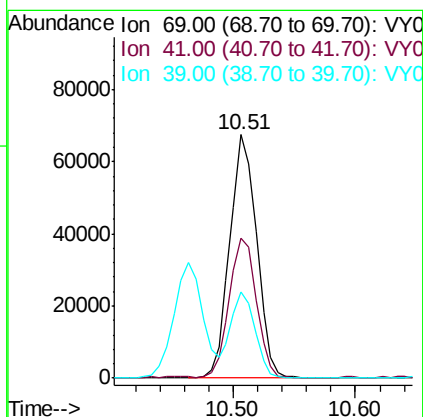
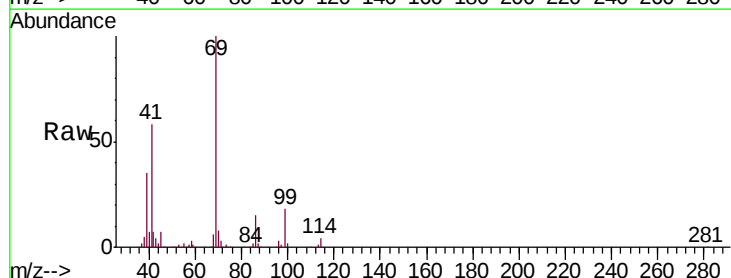
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

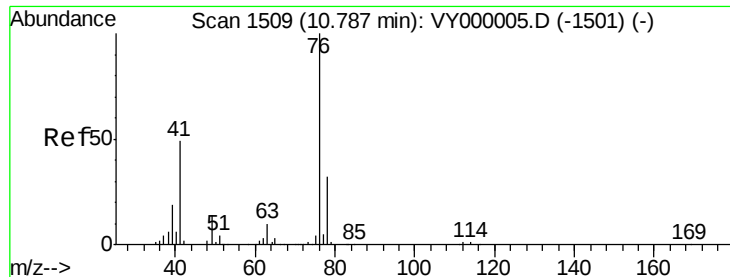
Tgt Ion: 97 Resp: 71326
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.4 102.6
 85 53.8 43.0 64.6
 99 61.0 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 50.260 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 69 Resp: 102385
 Ion Ratio Lower Upper
 69 100
 41 57.9 46.3 69.5
 39 32.2 25.8 38.6





#57

1,3-Dichloropropane

Concen: 46.588 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

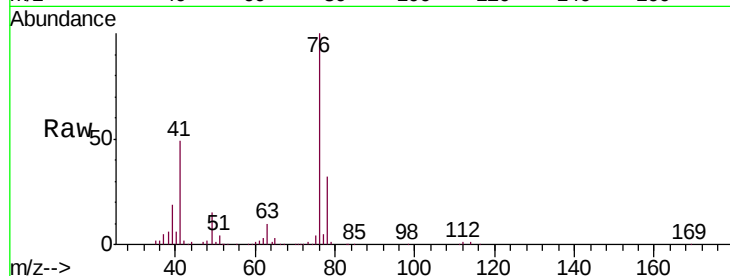
VSTDICCC050

Tgt Ion: 76 Resp: 118528

Ion Ratio Lower Upper

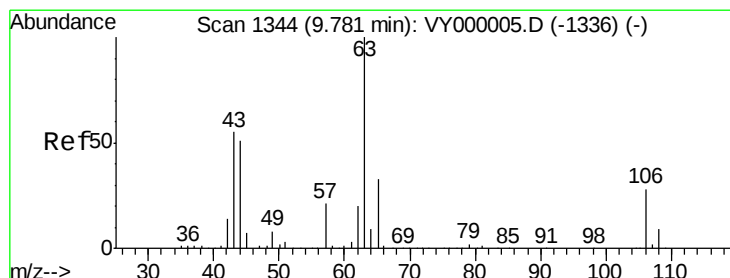
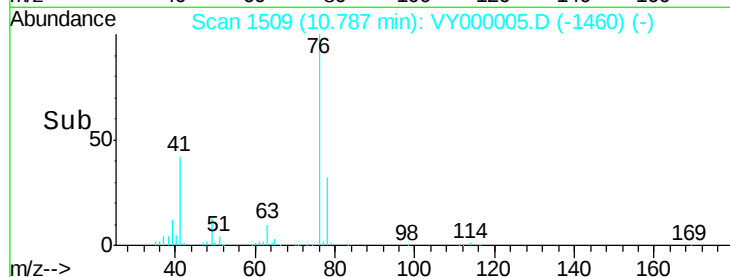
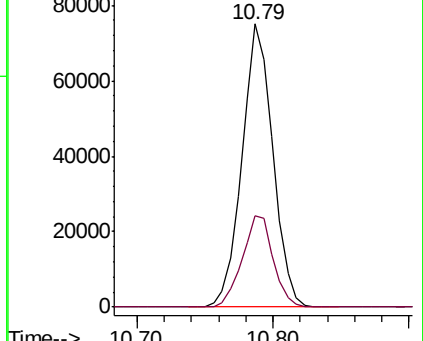
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 258.268 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000005.D

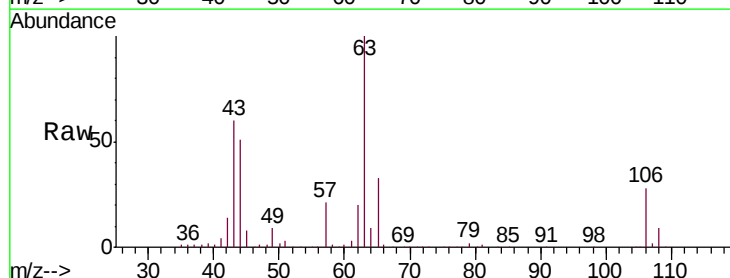
Acq: 11 Sep 2019 17:39

Tgt Ion: 63 Resp: 281550

Ion Ratio Lower Upper

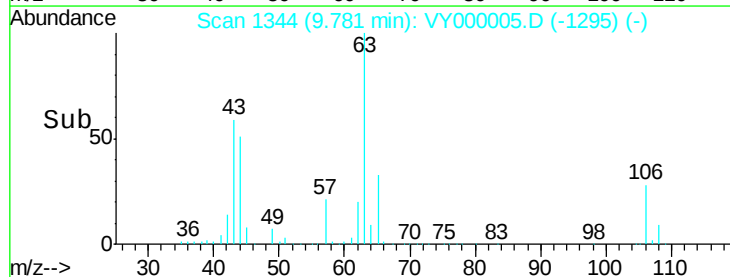
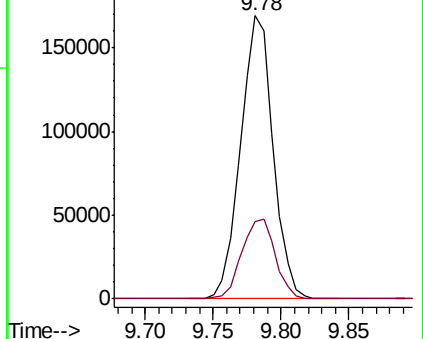
63 100

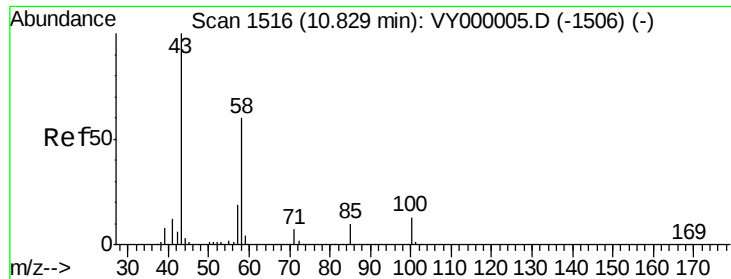
106 29.1 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

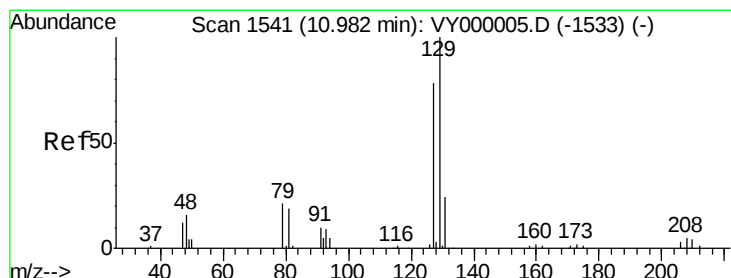
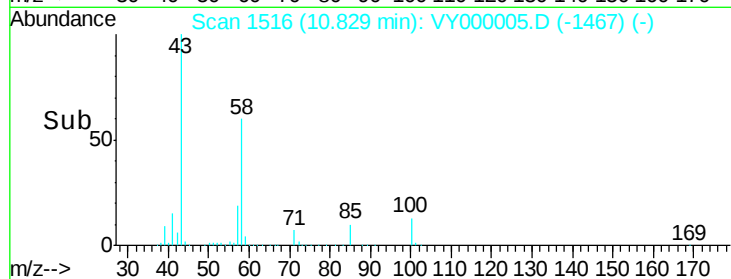
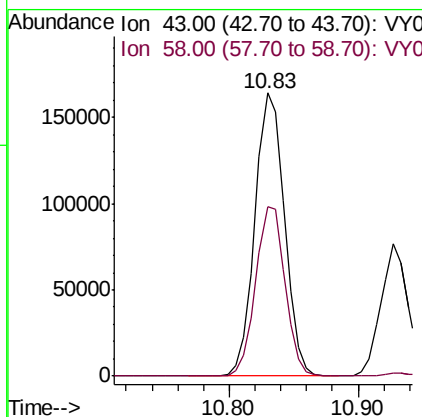
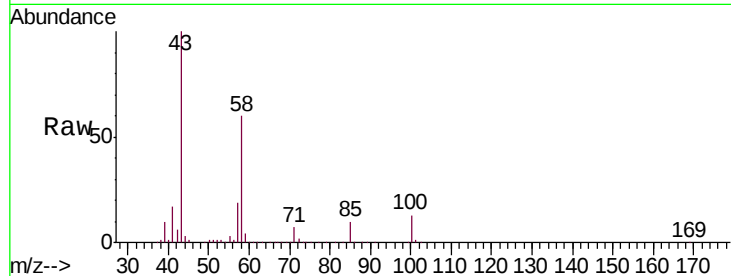




#59
2-Hexanone
Concen: 223.819 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

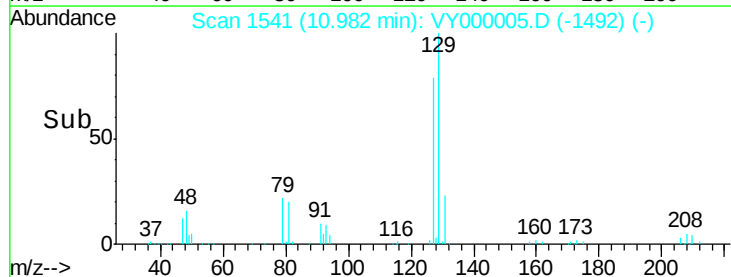
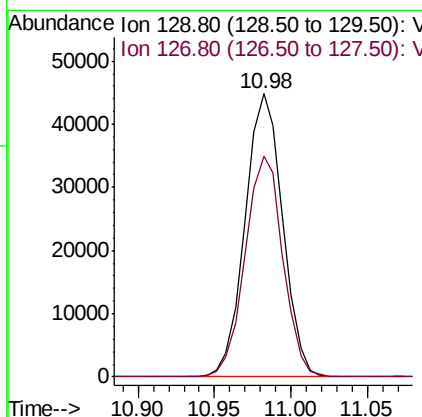
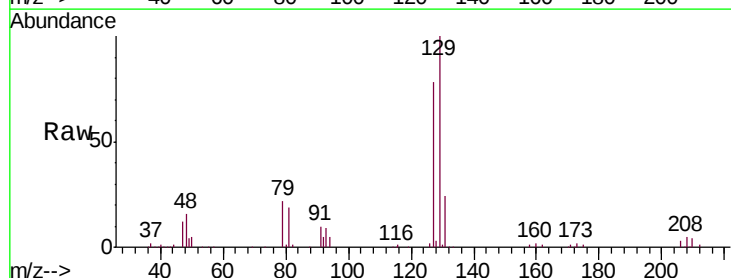
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

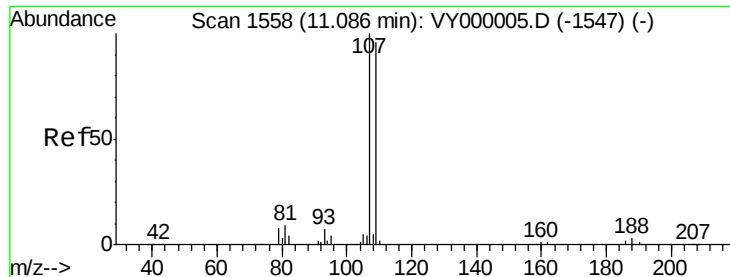
Tgt Ion: 43 Resp: 258753
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5



#60
Dibromochloromethane
Concen: 47.241 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 129 Resp: 76336
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

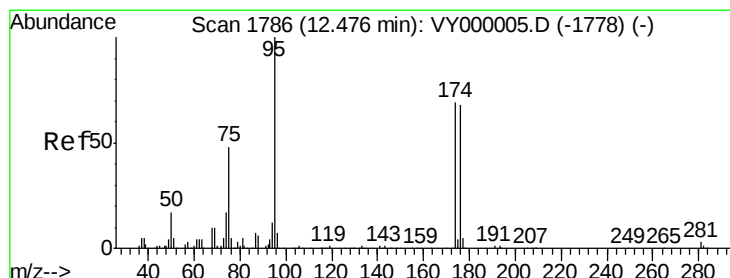
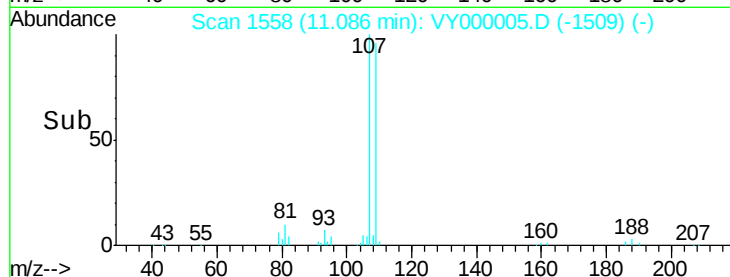
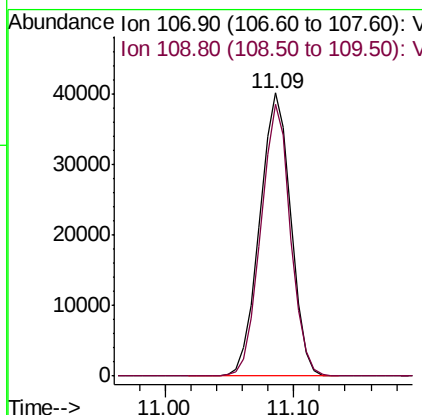
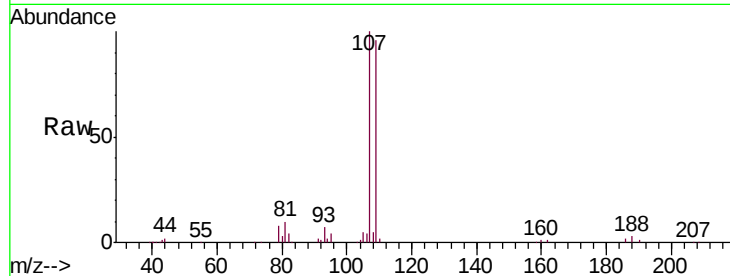




#61
 1,2-Dibromoethane
 Concen: 52.285 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

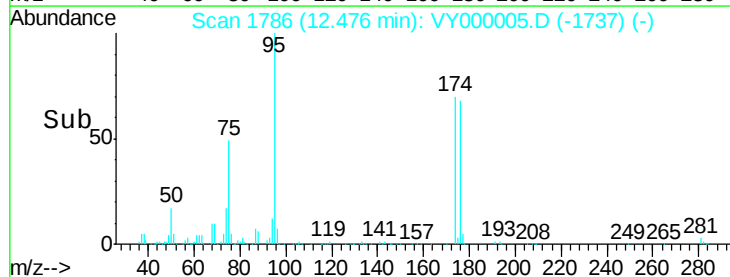
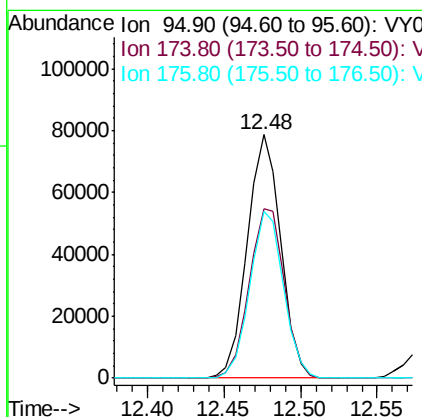
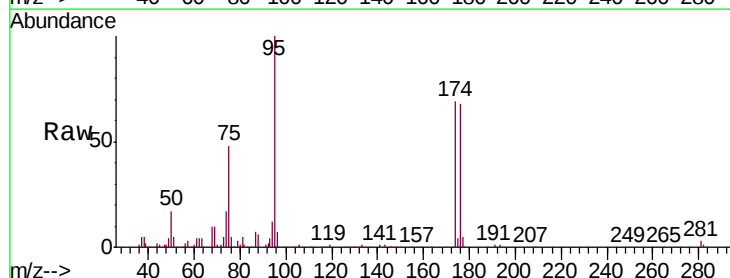
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

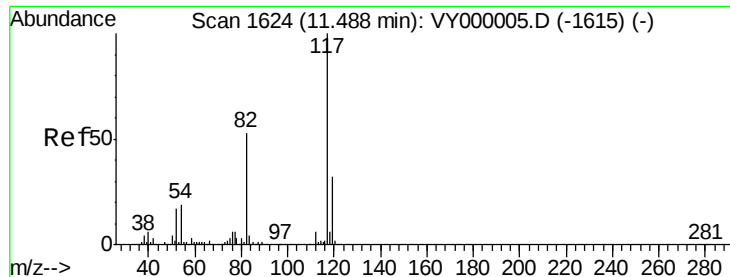
Tgt Ion: 107 Resp: 67159
 Ion Ratio Lower Upper
 107 100
 109 91.5 73.2 109.8



#62
 4-Bromofluorobenzene
 Concen: 49.081 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion: 95 Resp: 119738
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.8
 176 69.0 0.0 138.0

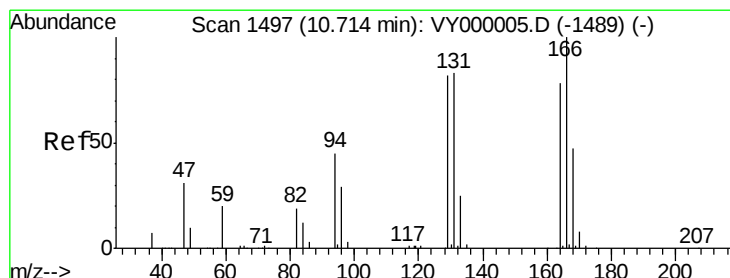
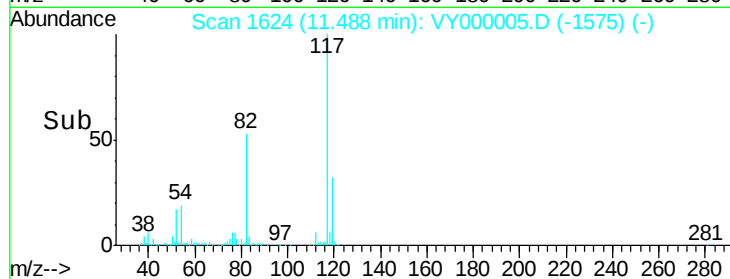
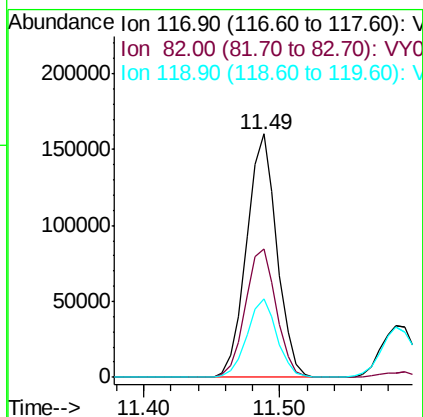
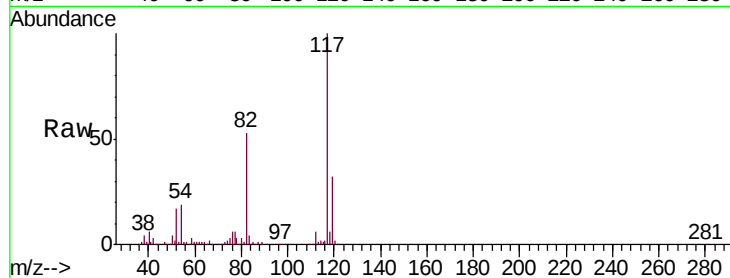




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

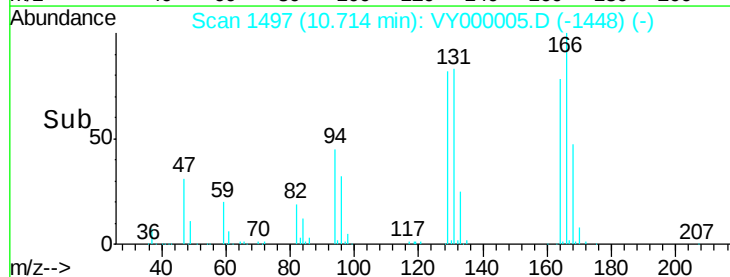
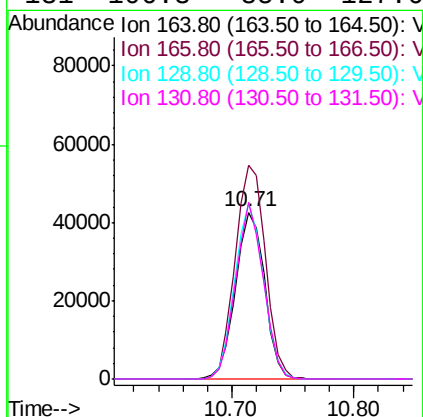
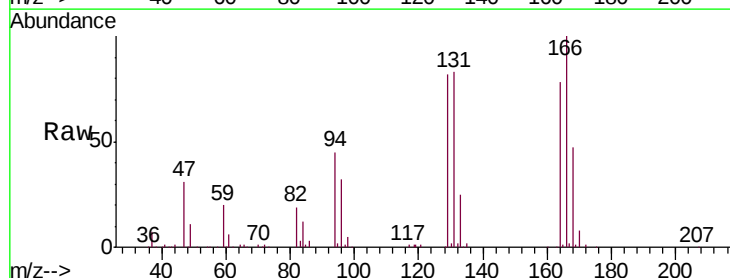
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

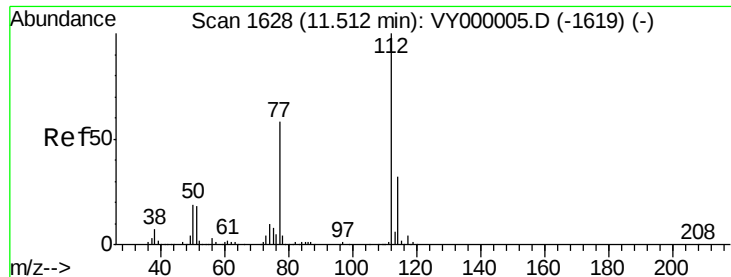
Tgt Ion:117 Resp: 249912
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 47.209 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion:164 Resp: 70332
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 104.8 83.8 125.8
131 106.3 85.0 127.6

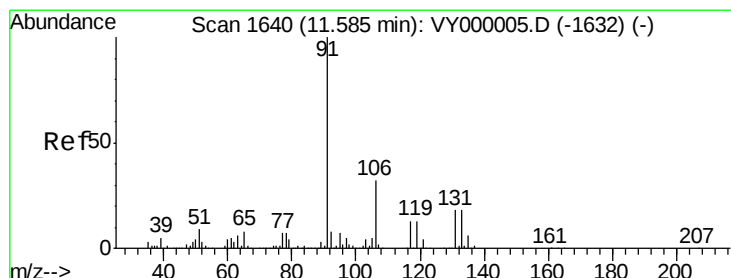
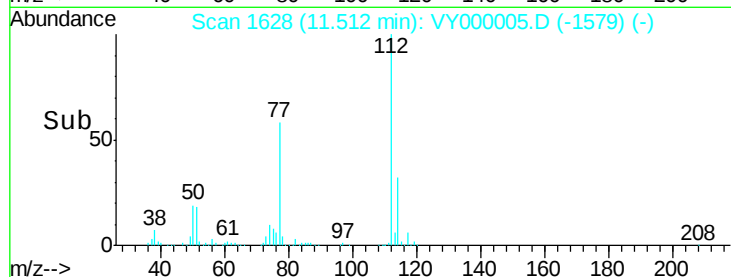
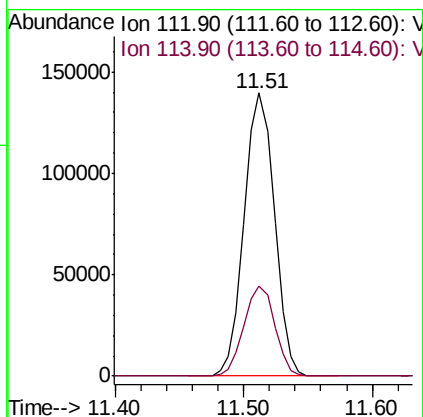
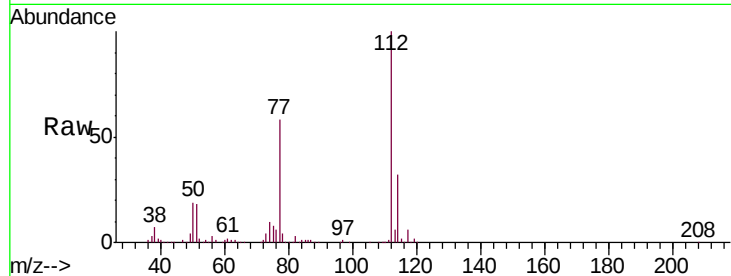




#65
Chlorobenzene
Concen: 48.689 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

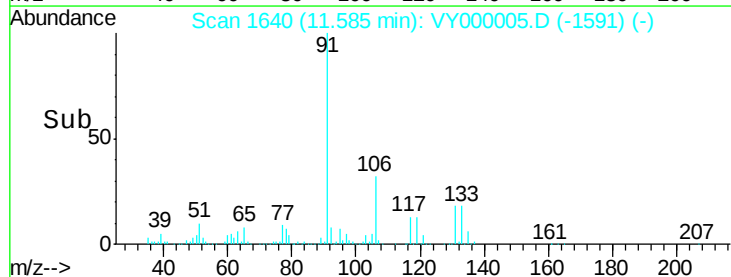
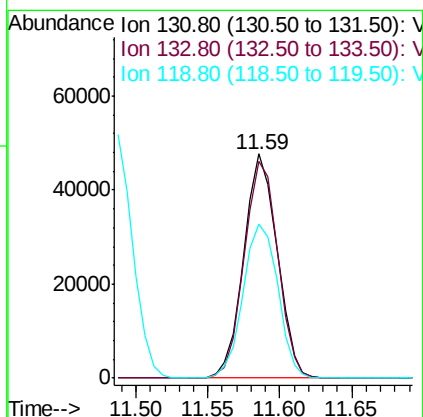
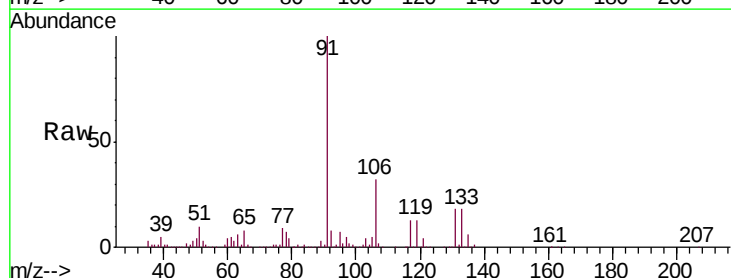
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

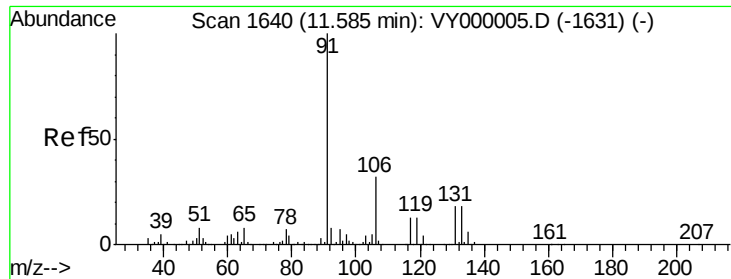
Tgt Ion:112 Resp: 226971
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.047 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion:131 Resp: 76630
Ion Ratio Lower Upper
131 100
133 97.4 48.7 146.1
119 71.5 35.8 107.3

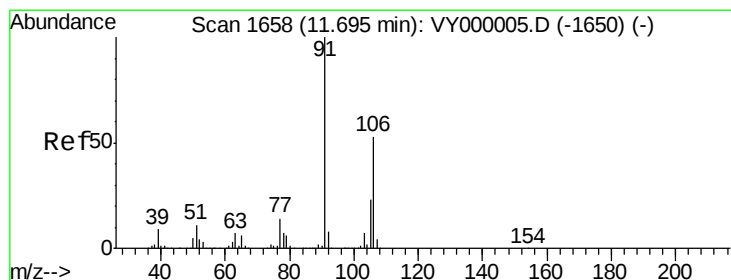
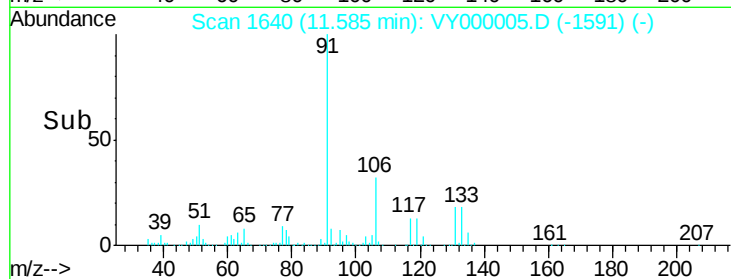
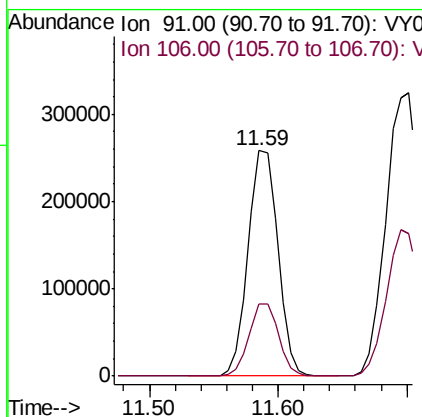
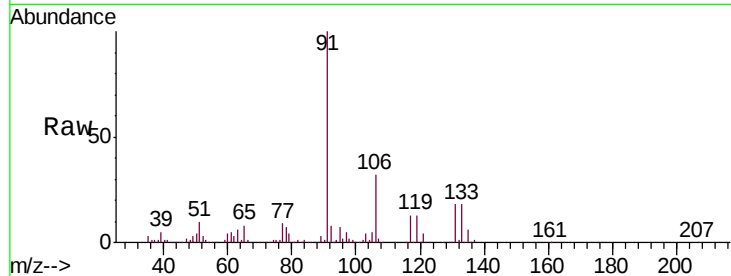




#67
Ethyl Benzene
Concen: 47.550 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

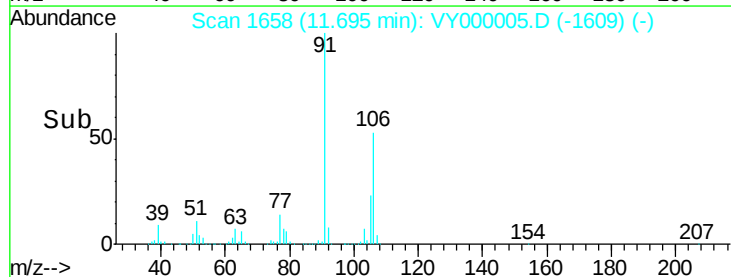
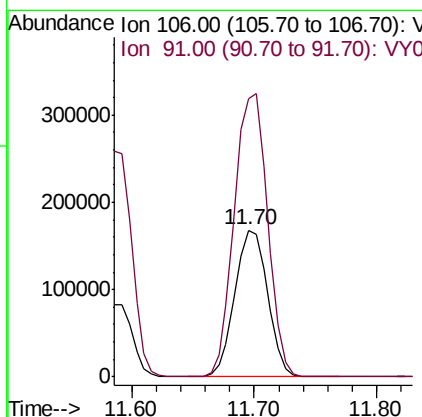
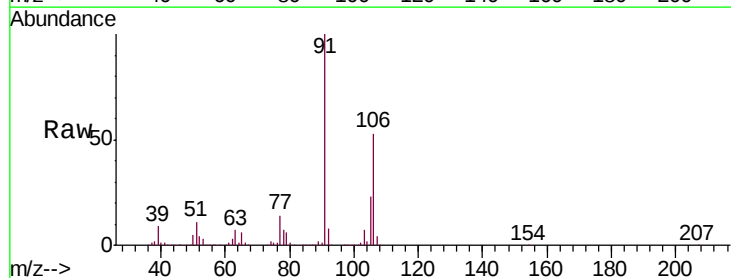
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

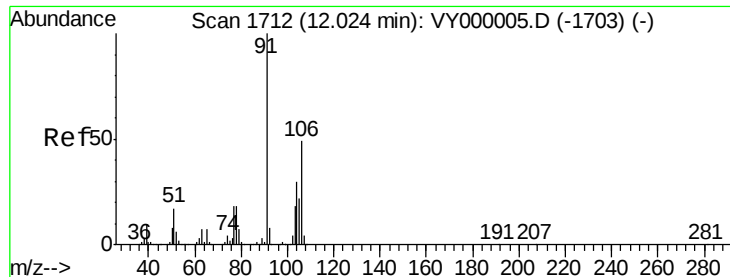
Tgt Ion: 91 Resp: 411969
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 98.348 ug/l
RT: 11.70 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion: 106 Resp: 312260
Ion Ratio Lower Upper
106 100
91 196.4 157.1 235.7

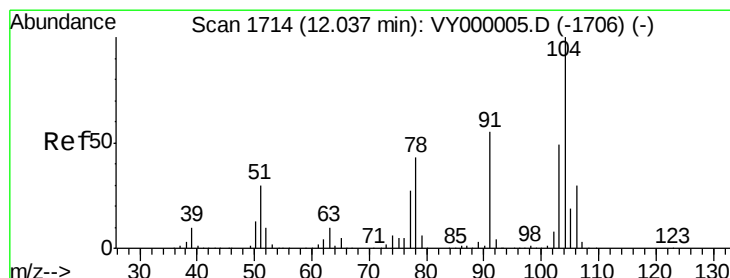
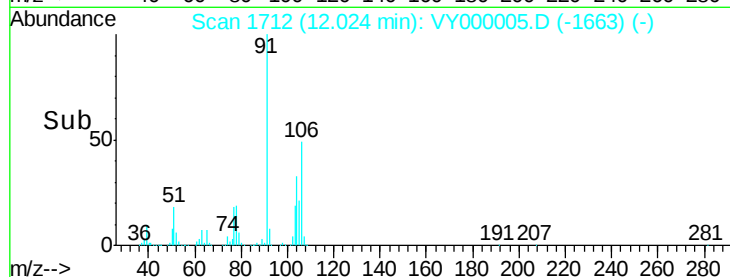
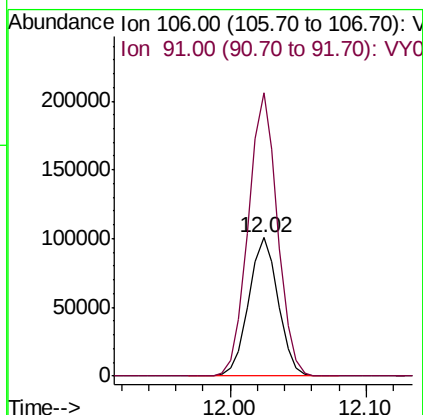
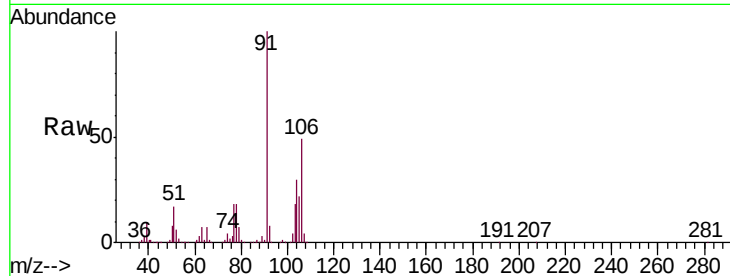




#69
o-Xylene
Concen: 51.427 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

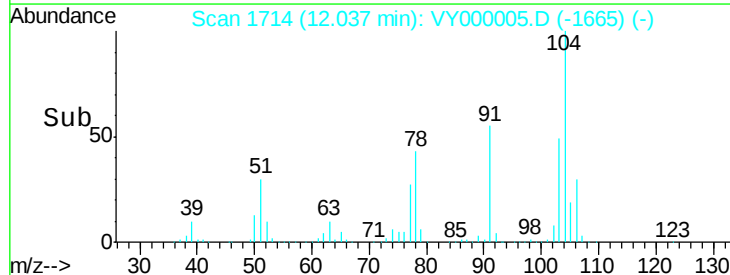
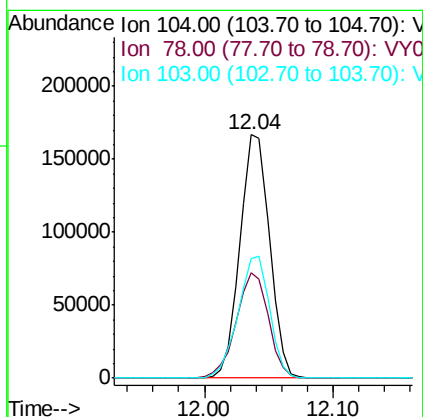
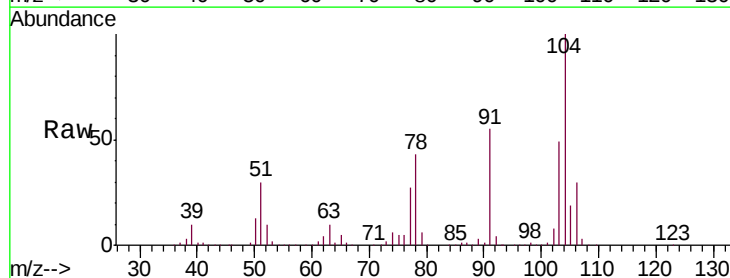
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

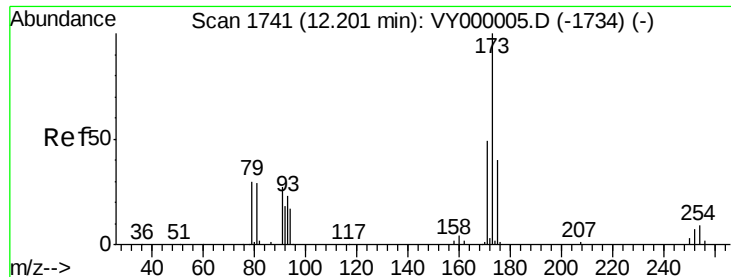
Tgt Ion:106 Resp: 153835
Ion Ratio Lower Upper
106 100
91 201.2 100.6 301.8



#70
Styrene
Concen: 50.622 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion:104 Resp: 266301
Ion Ratio Lower Upper
104 100
78 47.0 37.6 56.4
103 53.2 42.6 63.8





#71

Bromoform

Concen: 48.572 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

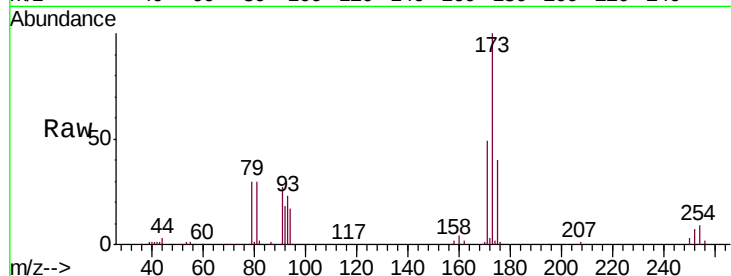
Tgt Ion:173 Resp: 46602

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

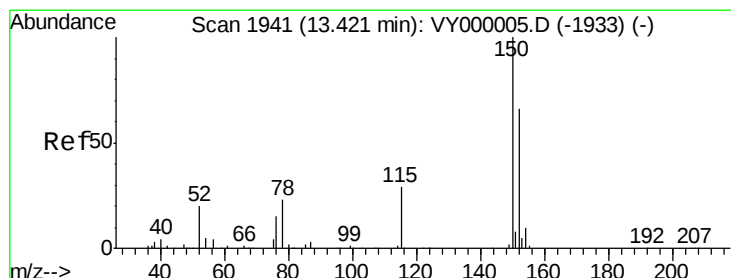
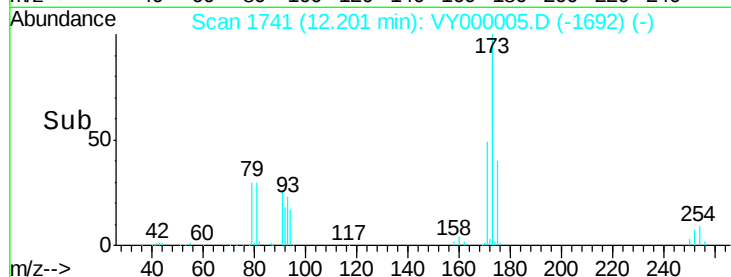
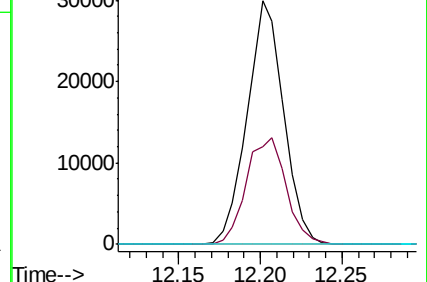
254 0.0 0.0 0.0



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: VY000005.D

Acq: 11 Sep 2019 17:39

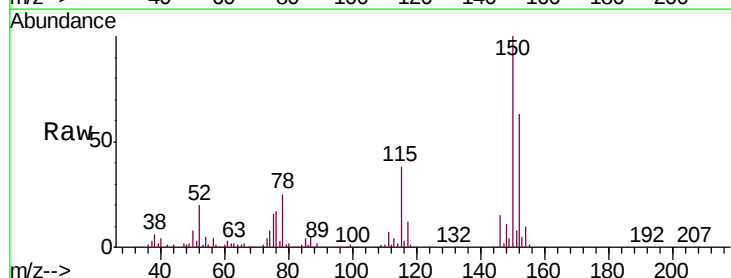
Tgt Ion:152 Resp: 109818

Ion Ratio Lower Upper

152 100

115 60.7 30.3 91.0

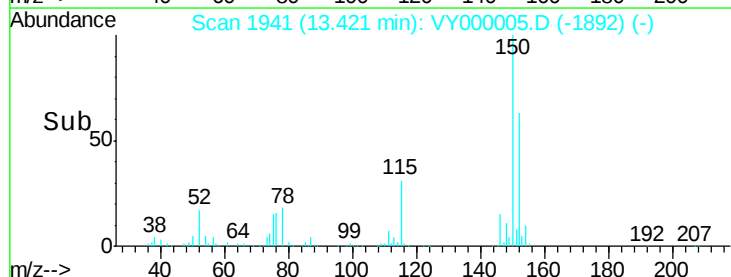
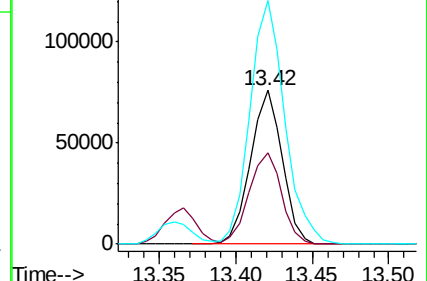
150 173.7 0.0 347.4

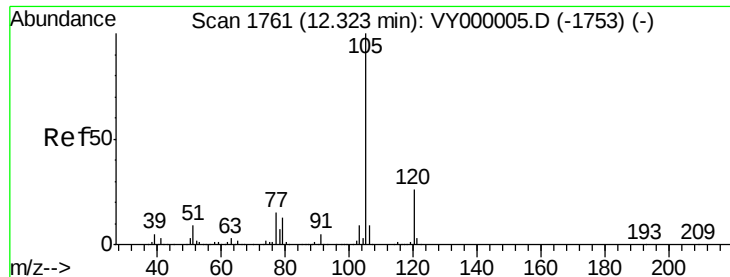


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.061 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

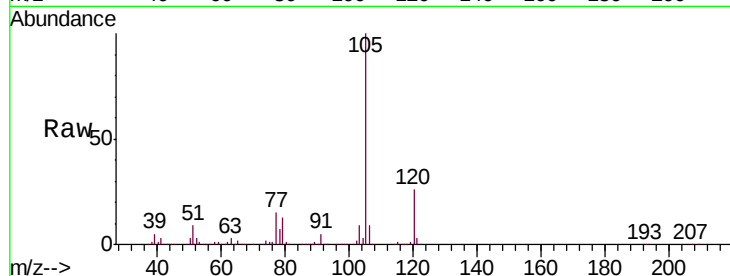
VSTDICCC050

Tgt Ion: 105 Resp: 399375

Ion Ratio Lower Upper

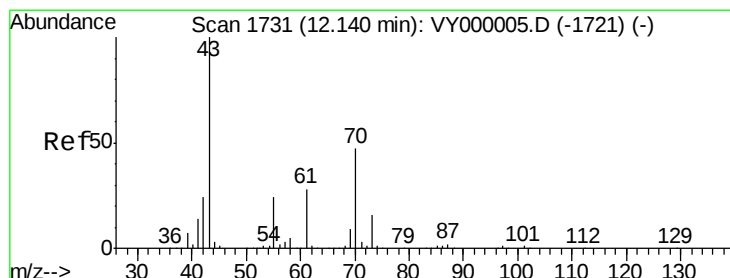
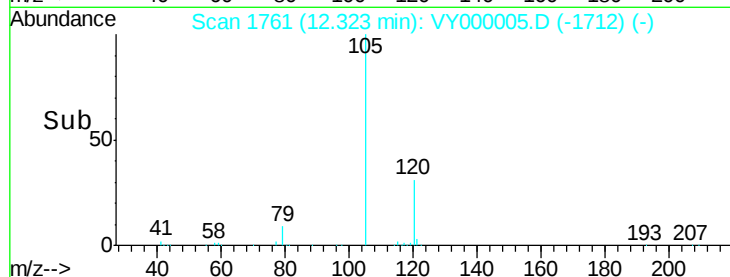
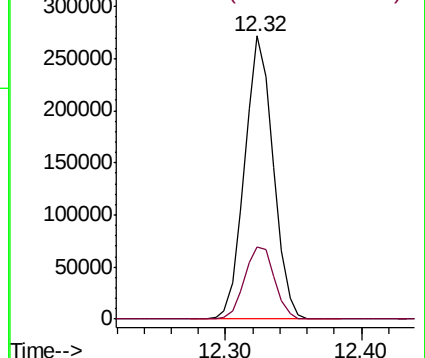
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.221 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Tgt Ion: 43 Resp: 112446

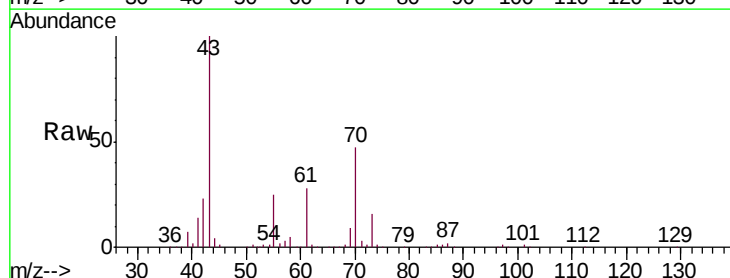
Ion Ratio Lower Upper

43 100

70 47.6 38.1 57.1

55 24.9 19.9 29.9

61 27.5 22.0 33.0

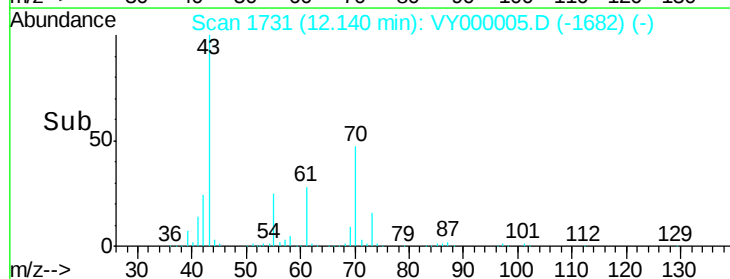
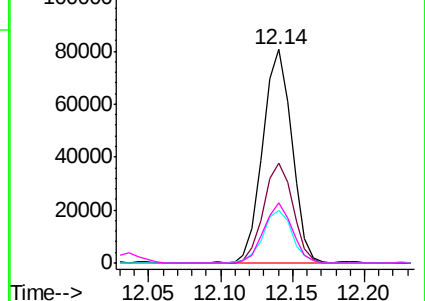


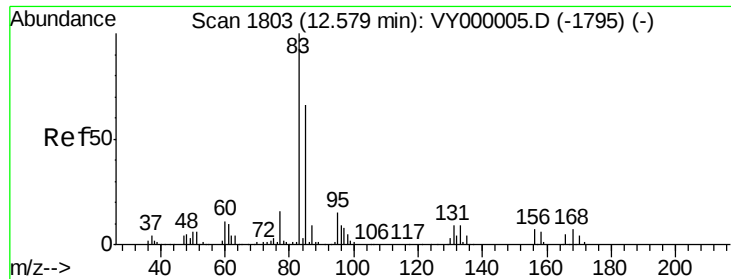
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.497 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

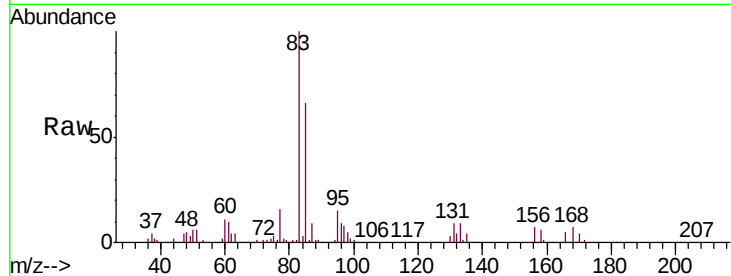
Tgt Ion: 83 Resp: 91689

Ion Ratio Lower Upper

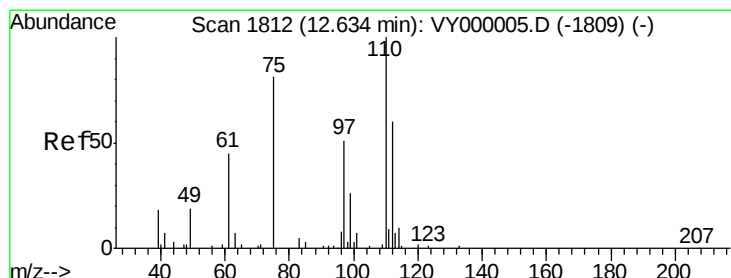
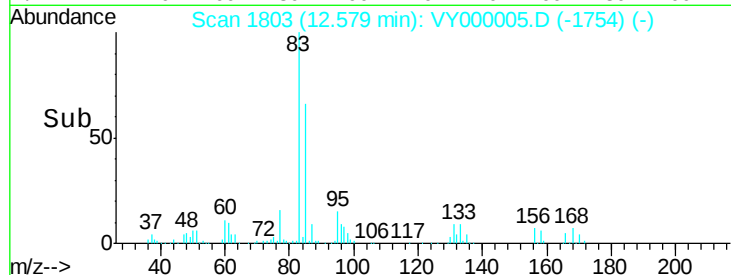
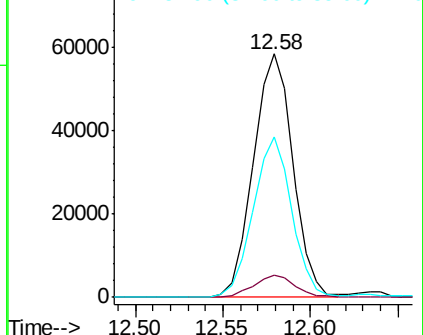
83 100

131 9.9 5.0 14.9

85 64.2 32.1 96.3



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: 106.413 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VY000005.D

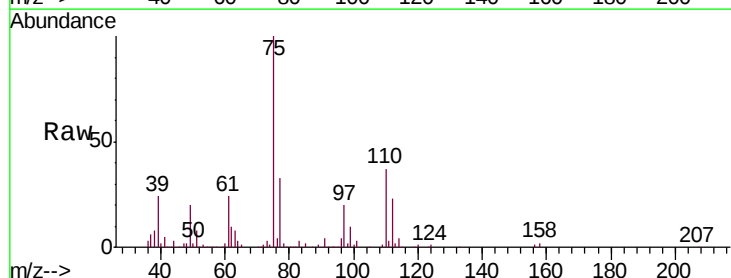
Acq: 11 Sep 2019 17:39

Tgt Ion: 75 Resp: 123407

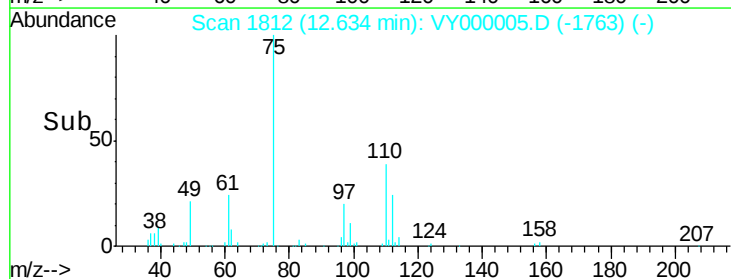
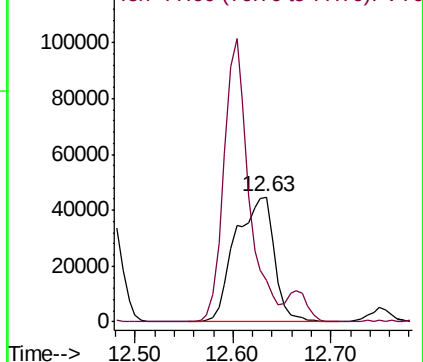
Ion Ratio Lower Upper

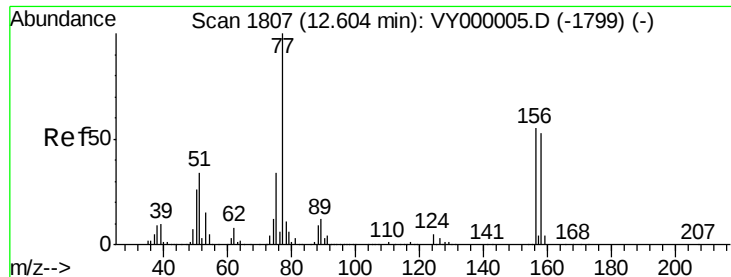
75 100

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: 48.086 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

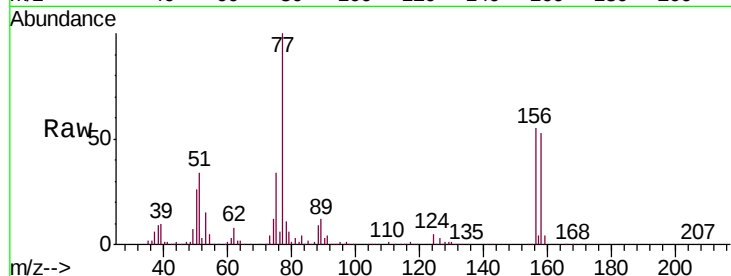
Tgt Ion:156 Resp: 84687

Ion Ratio Lower Upper

156 100

77 213.1 106.5 319.6

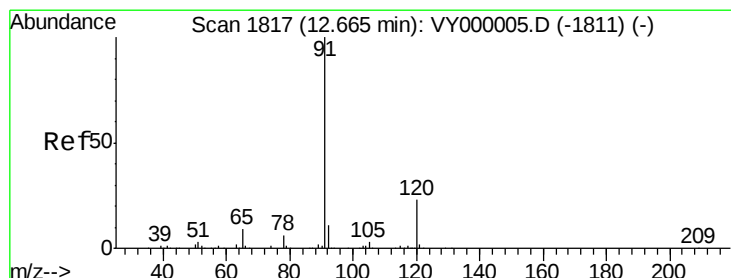
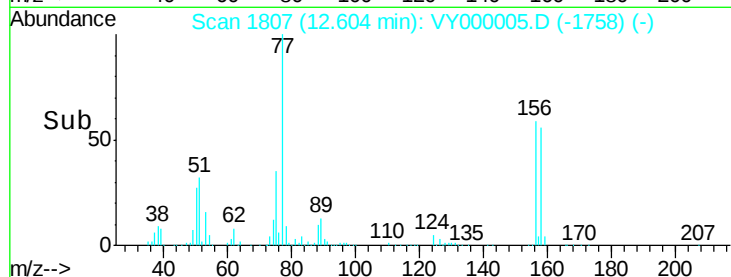
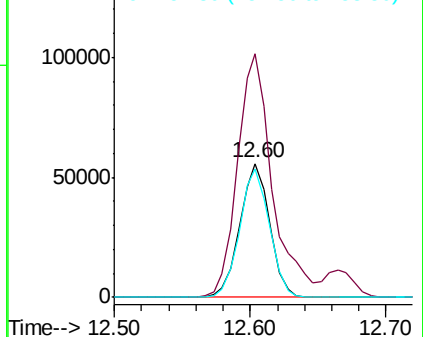
158 96.4 48.2 144.6



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: 52.487 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000005.D

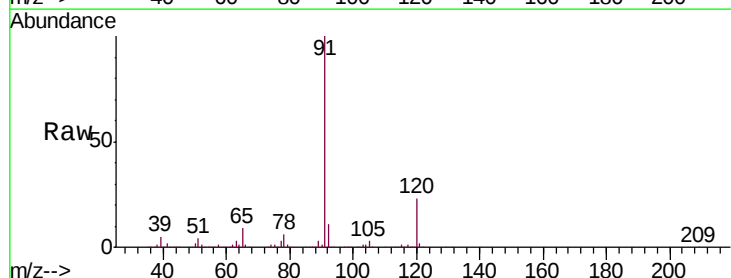
Acq: 11 Sep 2019 17:39

Tgt Ion: 91 Resp: 493968

Ion Ratio Lower Upper

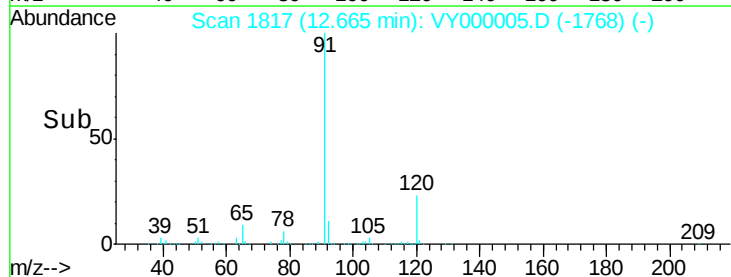
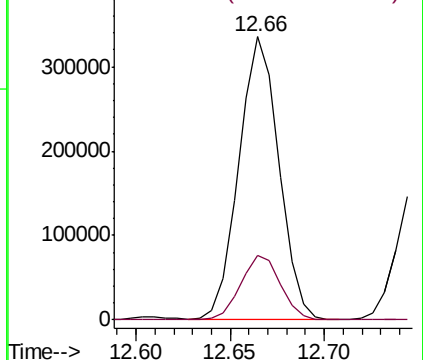
91 100

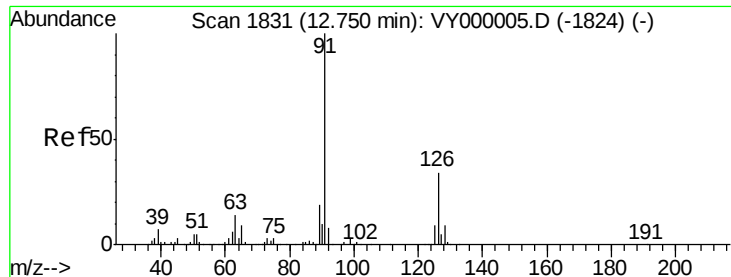
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.801 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

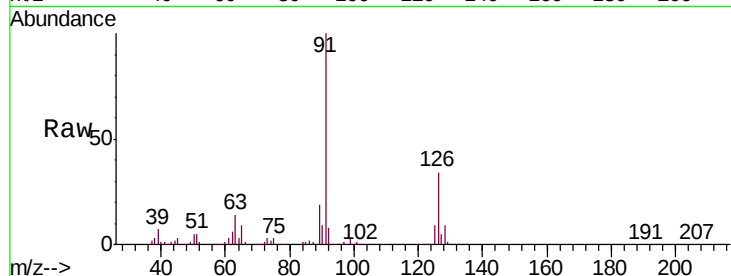
VSTDICCC050

Tgt Ion: 91 Resp: 272878

Ion Ratio Lower Upper

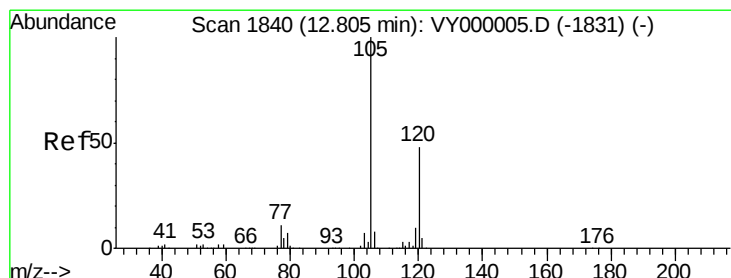
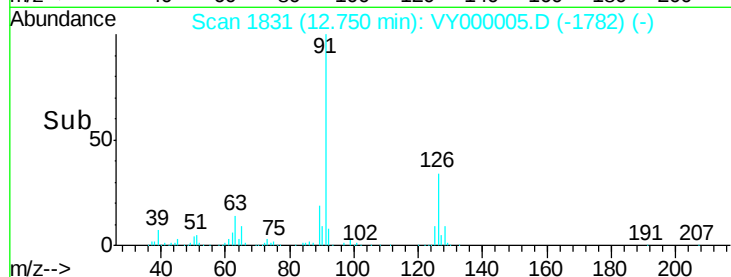
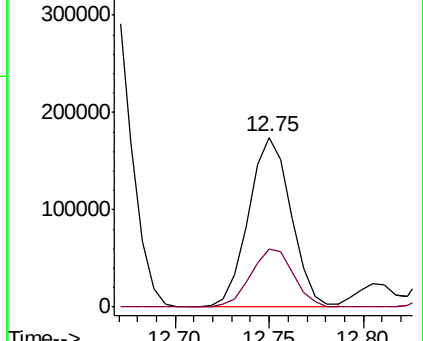
91 100

126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.144 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VY000005.D

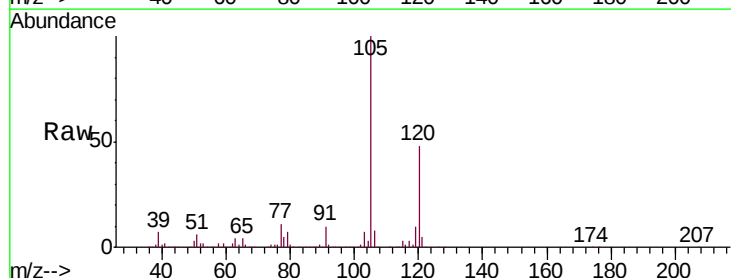
Acq: 11 Sep 2019 17:39

Tgt Ion: 105 Resp: 336475

Ion Ratio Lower Upper

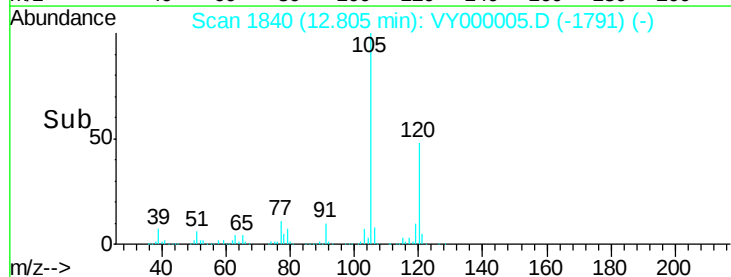
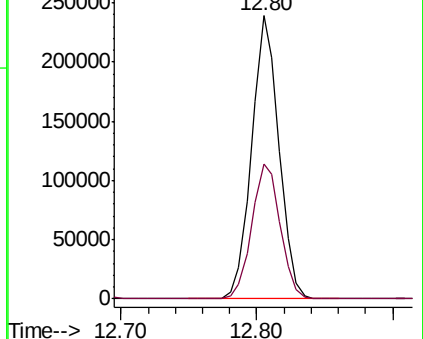
105 100

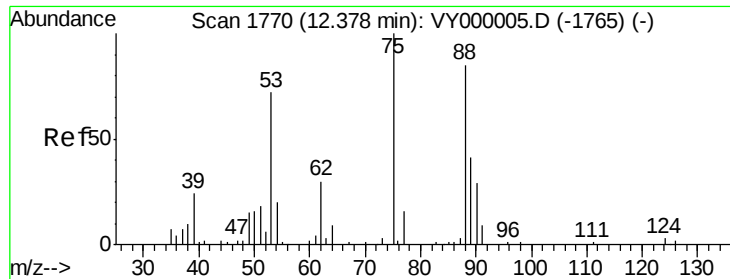
120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.888 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

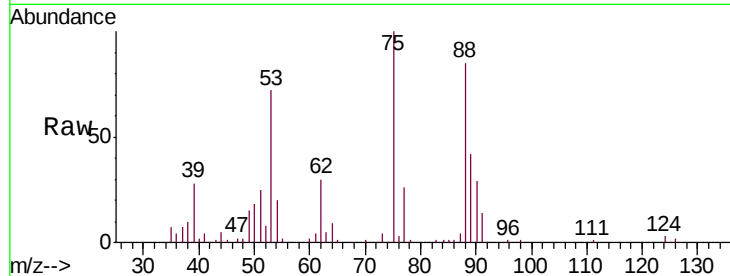
Tgt Ion: 75 Resp: 36270

Ion Ratio Lower Upper

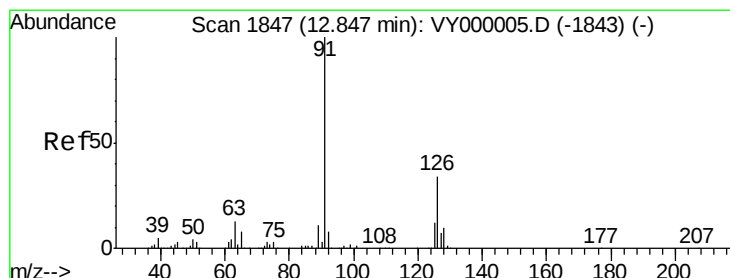
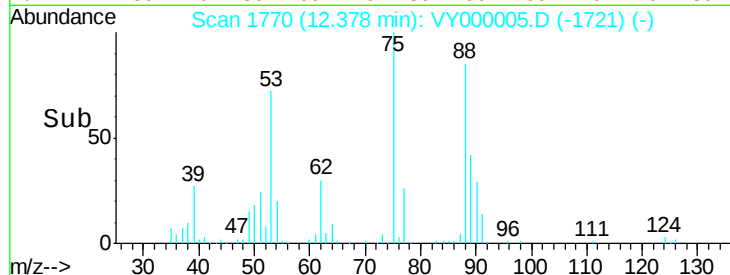
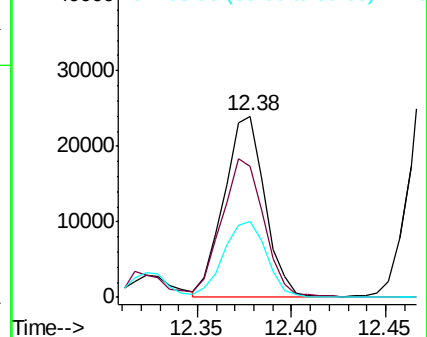
75 100

53 78.8 63.0 94.6

89 43.3 34.6 52.0



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: 49.823 ug/l

RT: 12.85 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VY000005.D

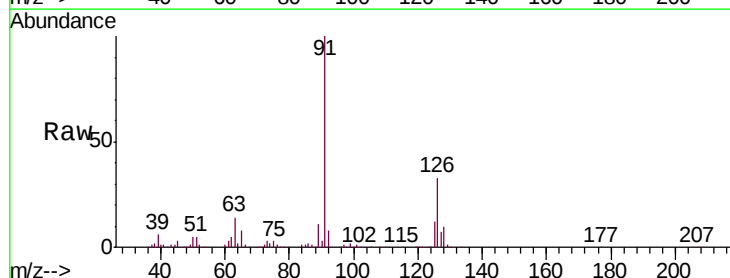
Acq: 11 Sep 2019 17:39

Tgt Ion: 91 Resp: 283083

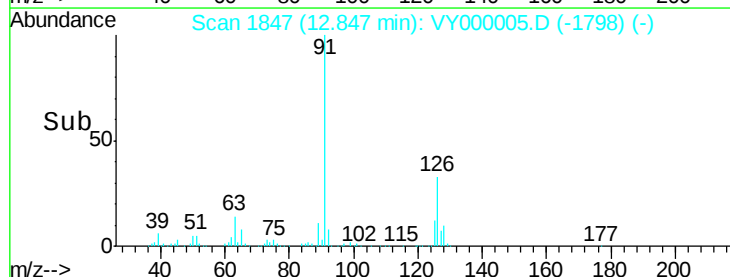
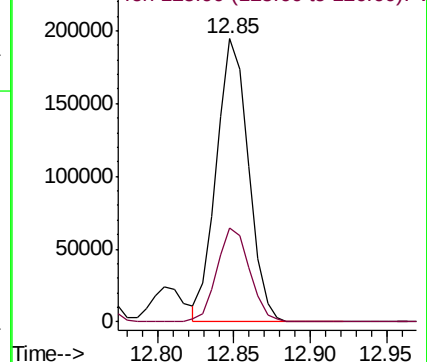
Ion Ratio Lower Upper

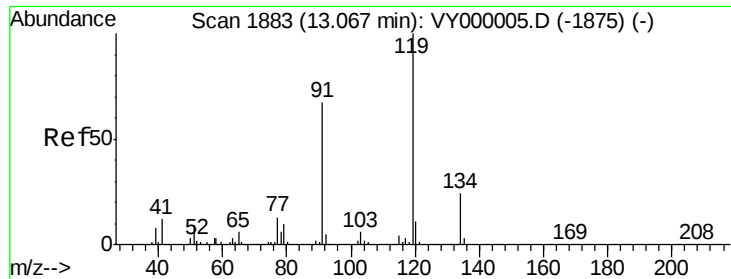
91 100

126 33.9 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

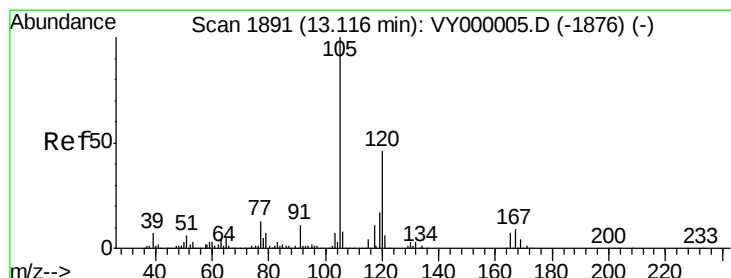
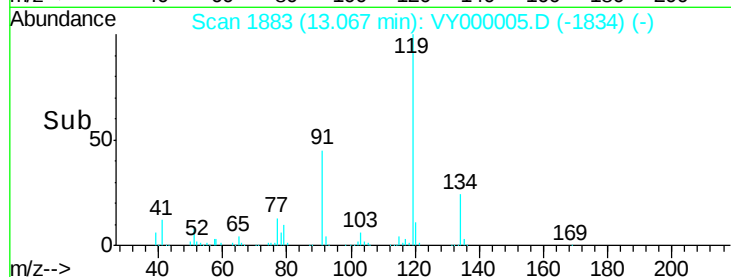
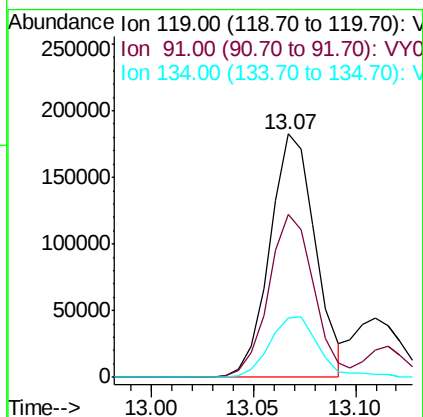
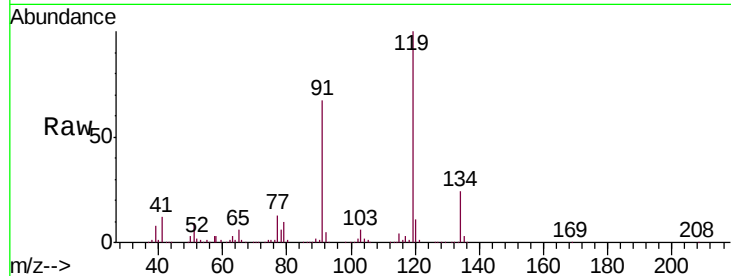




#83
 tert-Butylbenzene
 Concen: 48.943 ug/l
 RT: 13.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

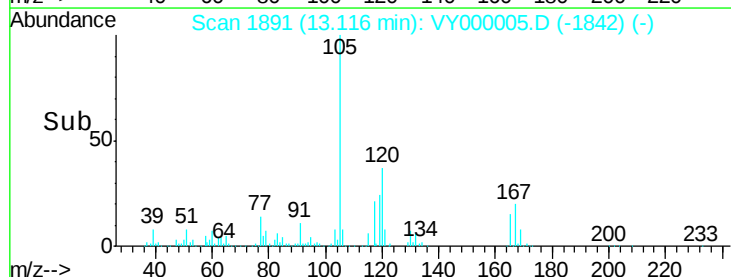
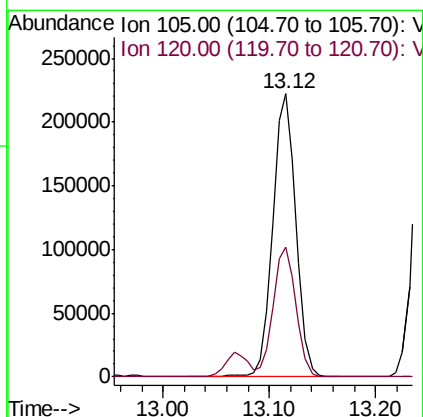
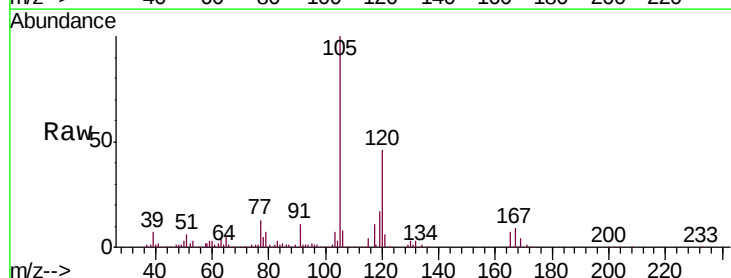
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

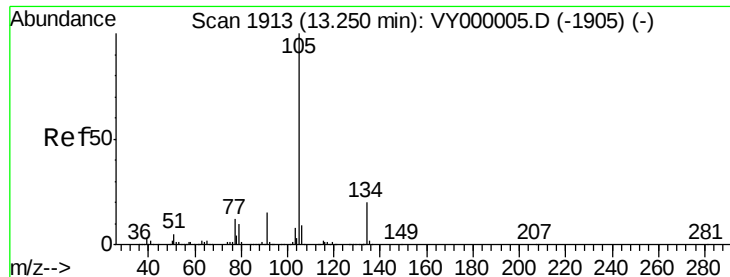
Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.6	100.8
134	27.3	13.7	41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.303 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3

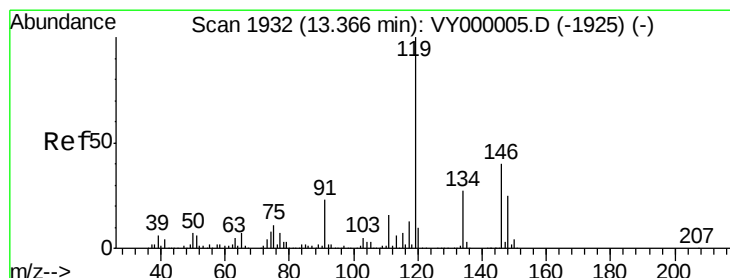
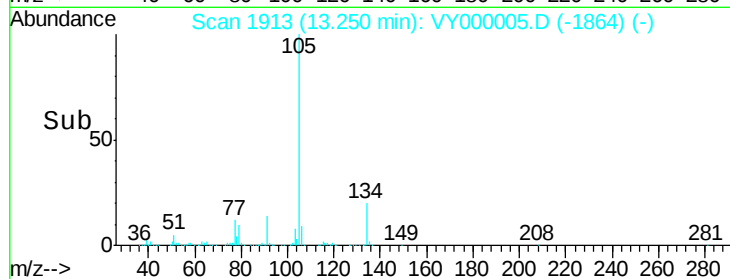
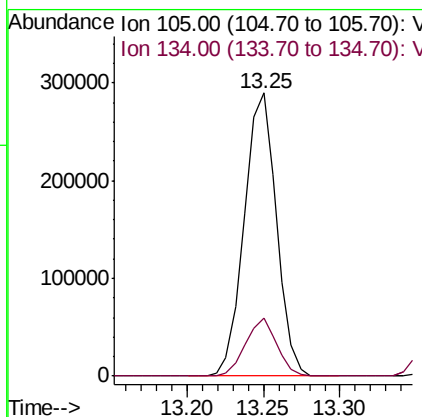
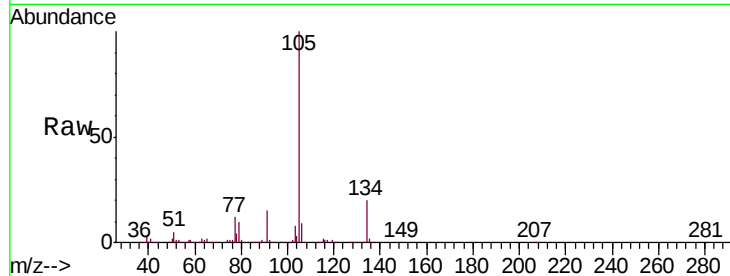




#85
 sec-Butylbenzene
 Concen: 52.200 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

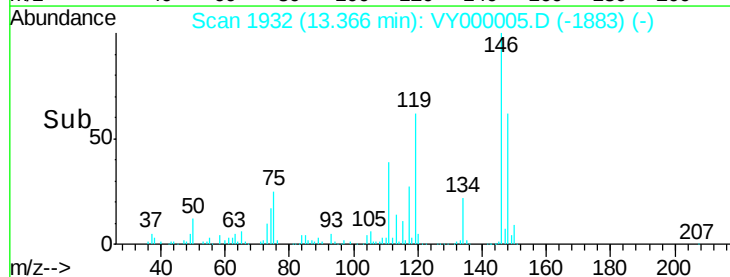
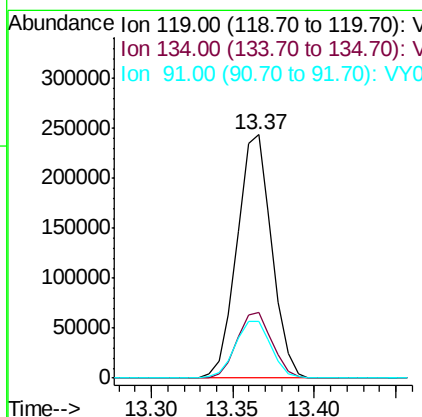
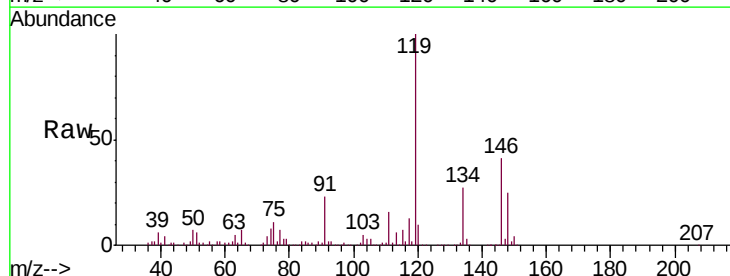
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

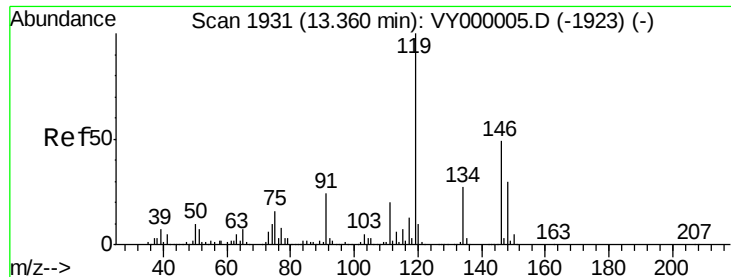
Tgt Ion:105 Resp: 423801
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.124 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion:119 Resp: 359507
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.7 41.1
 91 24.4 12.2 36.6

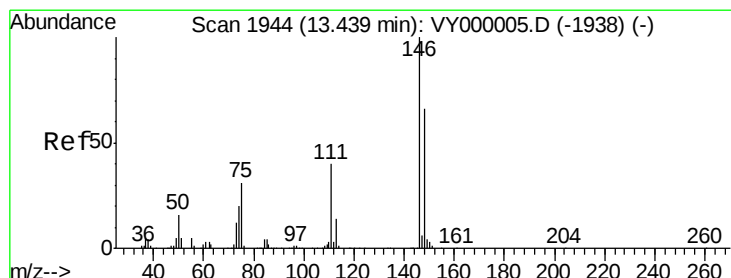
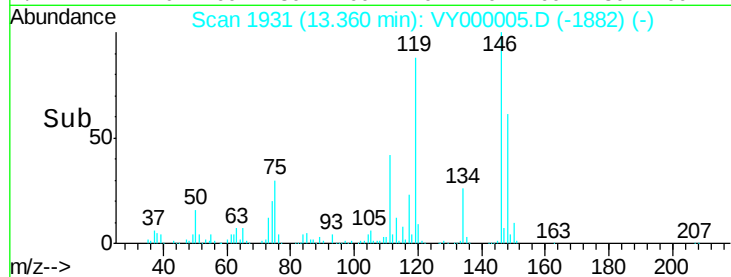
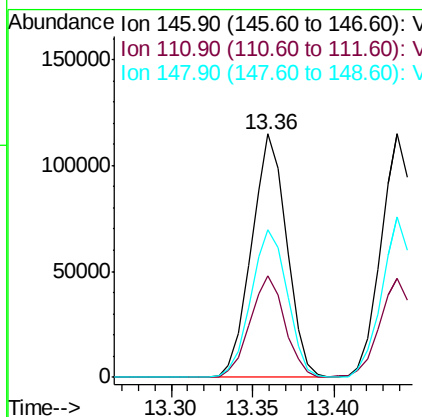
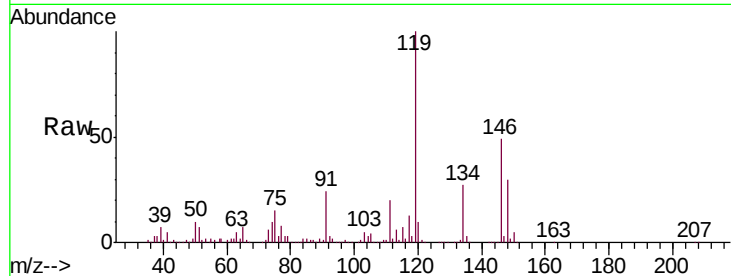




#87
 1,3-Dichlorobenzene
 Concen: 49.455 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

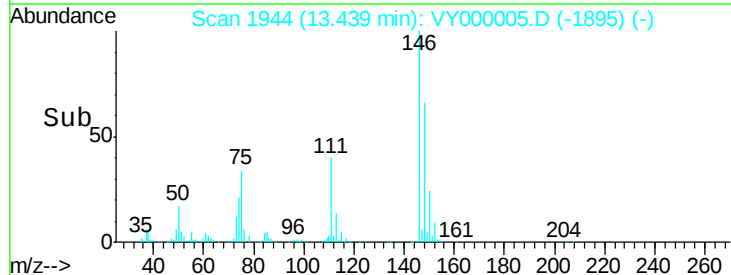
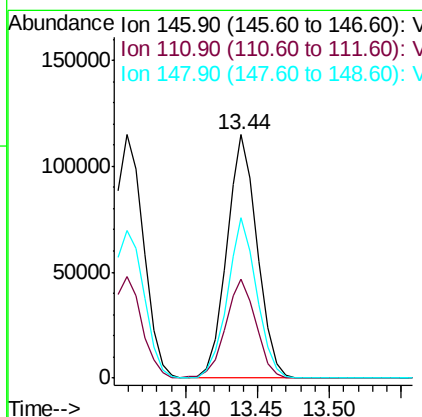
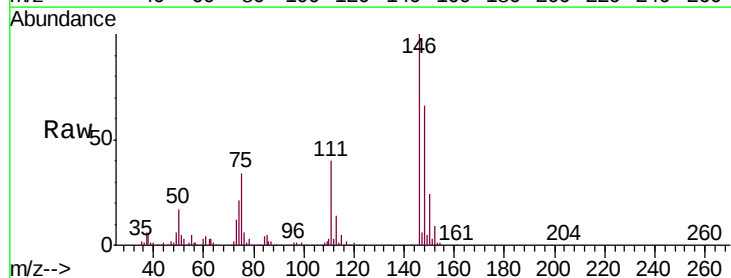
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

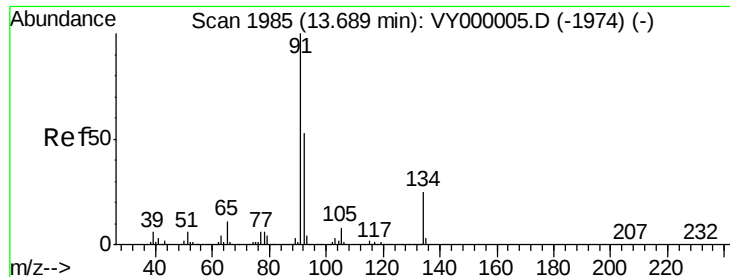
Tgt Ion:146 Resp: 172158
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 62.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 48.962 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion:146 Resp: 169260
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 50.912 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VY000005.D

Acq: 11 Sep 2019 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

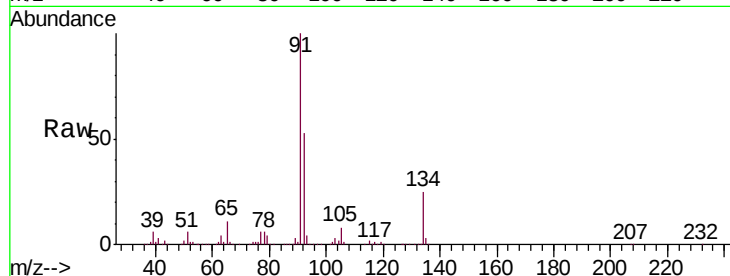
Tgt Ion: 91 Resp: 365147

Ion Ratio Lower Upper

91 100

92 53.9 27.0 80.8

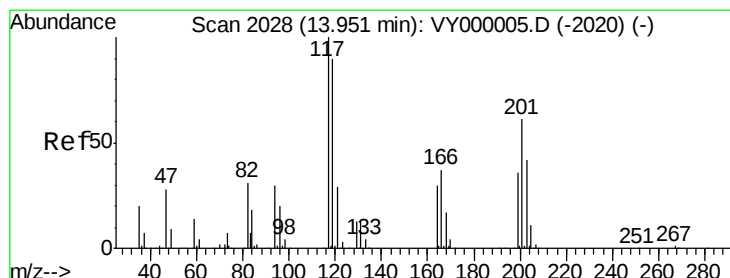
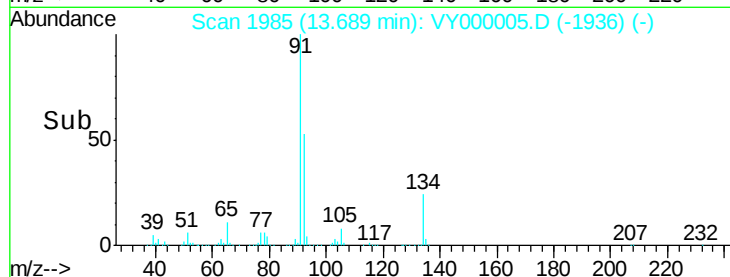
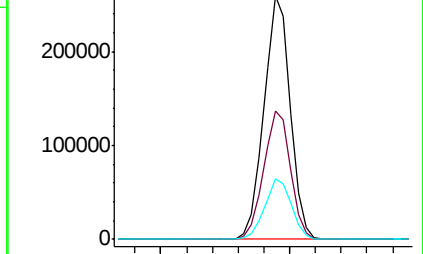
134 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY000005.D (-1974) (-)

Ion 92.00 (91.70 to 92.70): VY000005.D (-1974) (-)

Ion 134.00 (133.70 to 134.70): VY000005.D (-1974) (-)



#90

Hexachloroethane

Concen: 54.553 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VY000005.D

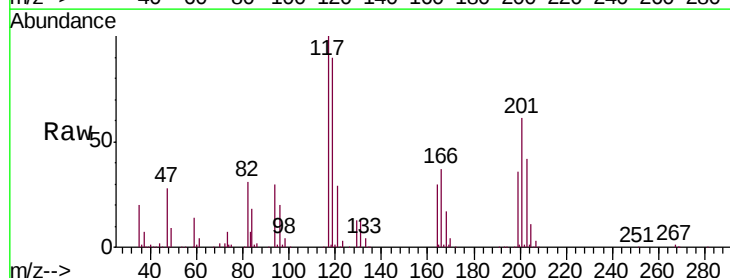
Acq: 11 Sep 2019 17:39

Tgt Ion: 117 Resp: 71328

Ion Ratio Lower Upper

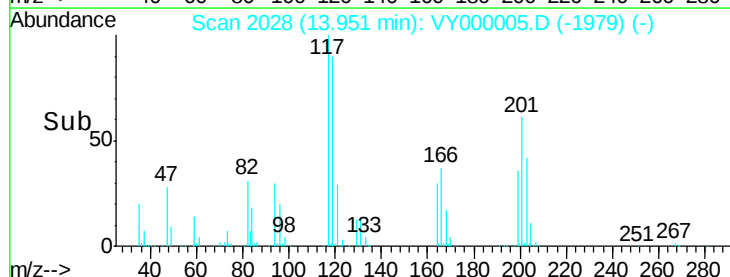
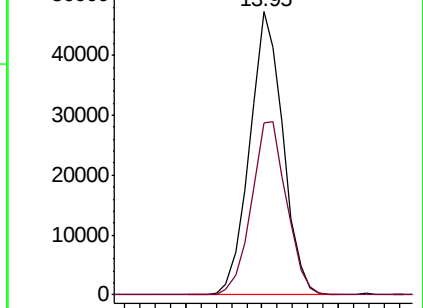
117 100

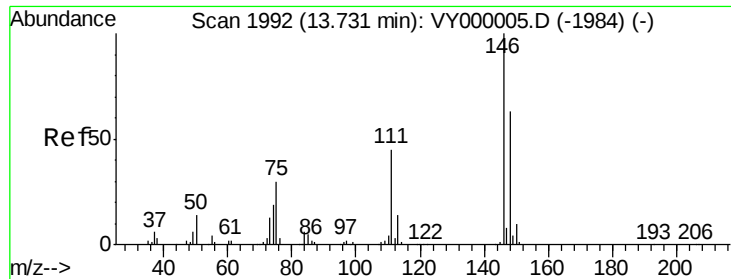
201 64.5 32.3 96.8



Abundance Ion 116.80 (116.50 to 117.50): VY000005.D (-2020) (-)

Ion 200.70 (200.40 to 201.40): VY000005.D (-2020) (-)

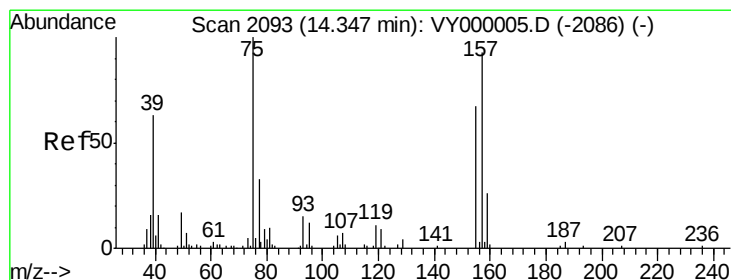
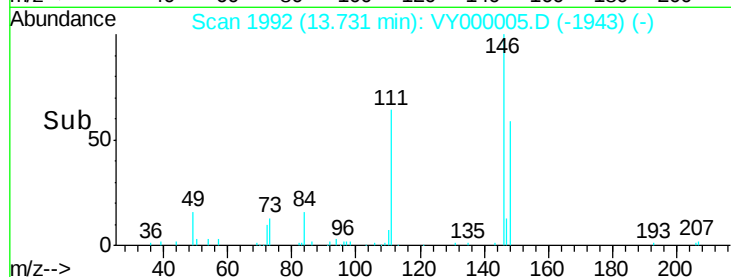
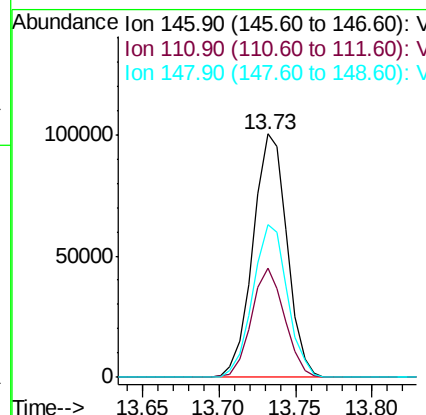
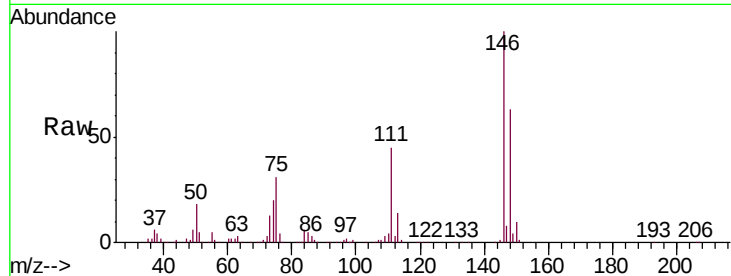




#91
 1,2-Dichlorobenzene
 Concen: 49.413 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

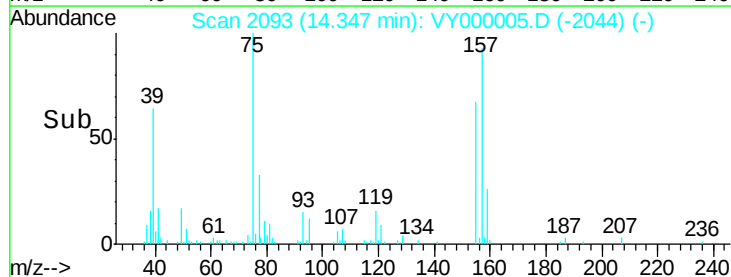
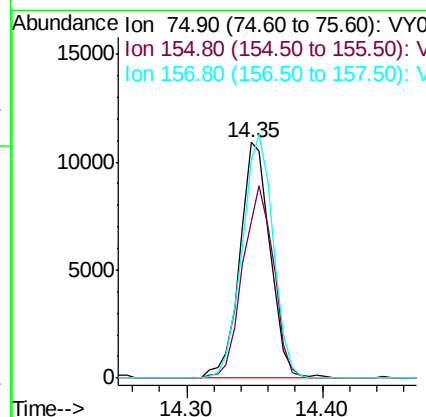
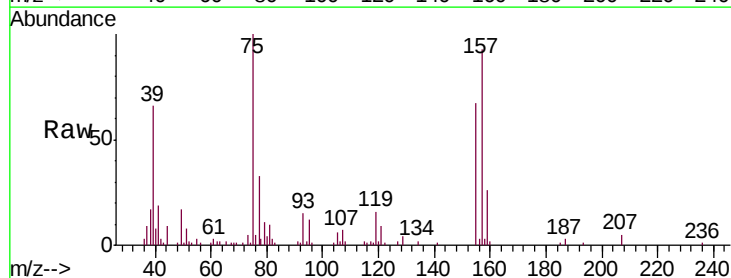
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

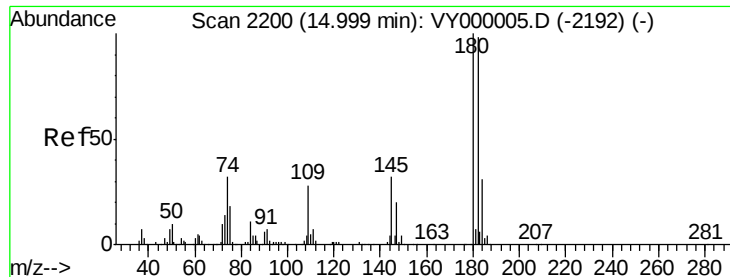
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.755 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	41.4	124.2
157	105.6	52.8	158.4

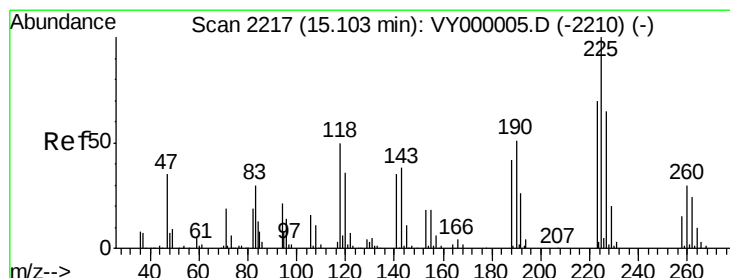
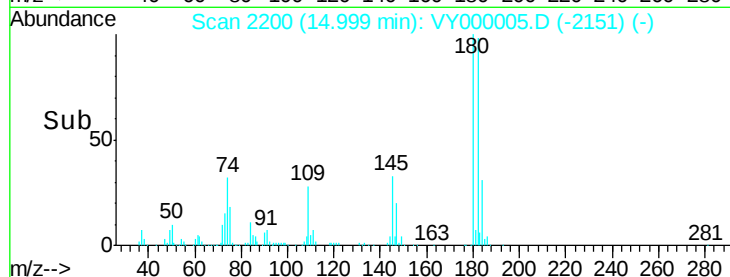
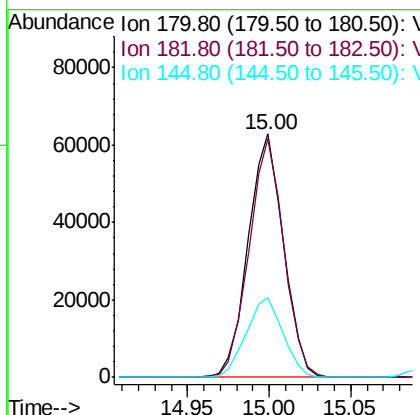
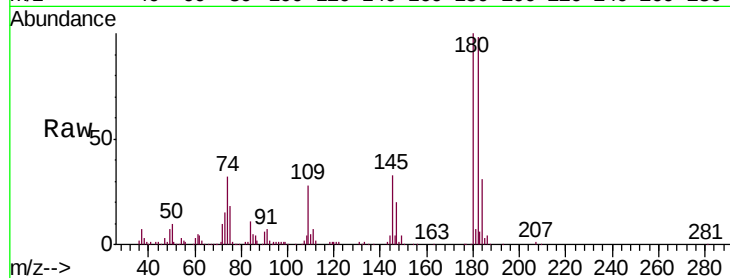




#93
 1,2,4-Trichlorobenzene
 Concen: 44.749 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

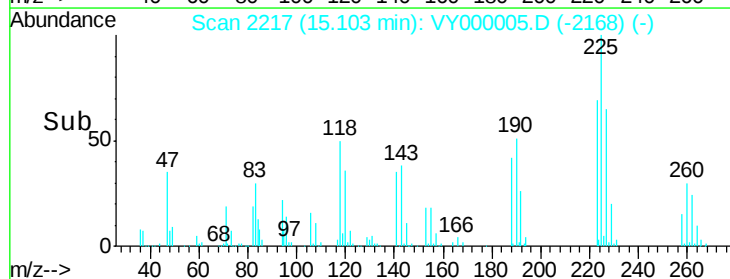
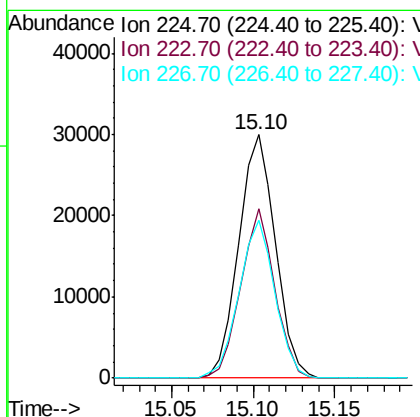
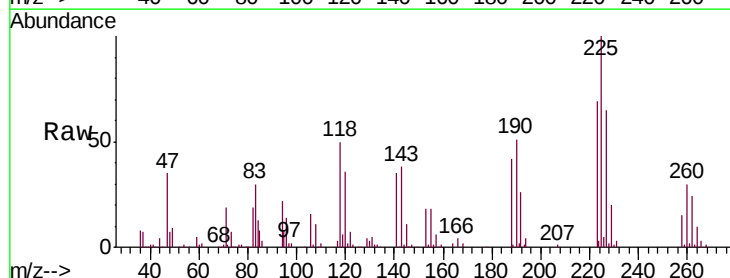
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

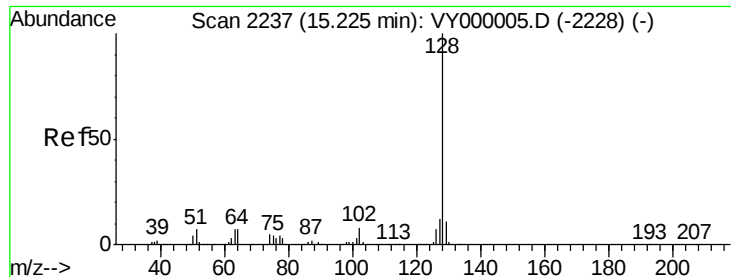
Tgt Ion:180 Resp: 94893
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 34.4 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 33.310 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000005.D
 Acq: 11 Sep 2019 17:39

Tgt Ion:225 Resp: 46869
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.3 96.8
 227 63.6 31.8 95.4

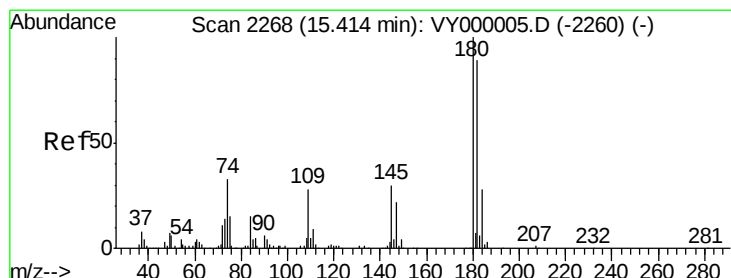
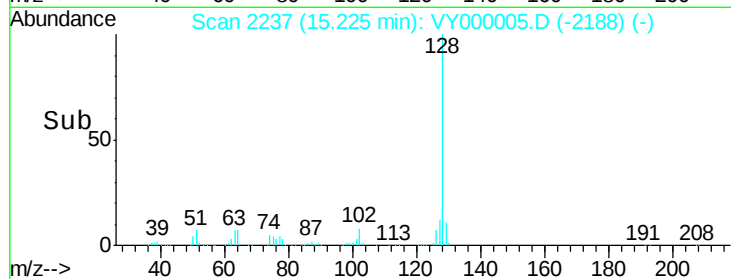
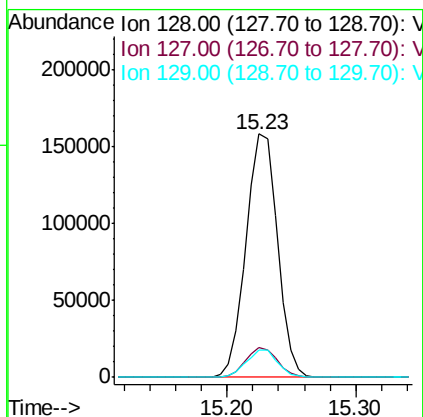
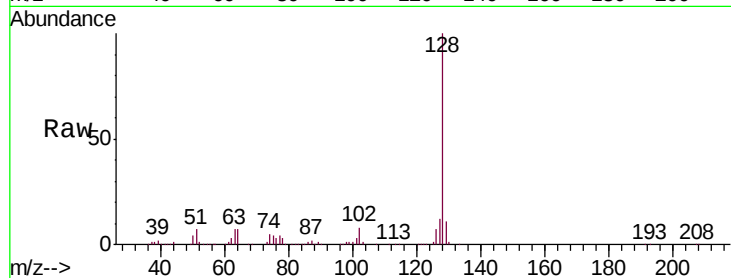




#95
Naphthalene
Concen: 62.926 ug/l
RT: 15.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	11.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.881 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VY000005.D
Acq: 11 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.1	138.2
145	32.4	16.2	48.6

