

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : VY000811.D
 Acq On : 27 Nov 2019 11:38
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 27 12:04:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	332501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	581584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	174718	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.73	113	165171	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.18	98	692746	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.48	95	241979	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	179547	54.363	ug/l	100
3) Chloromethane	2.12	50	222703	49.536	ug/l	100
4) Vinyl Chloride	2.26	62	220403	52.287	ug/l	100
5) Bromomethane	2.65	94	132898	52.035	ug/l	100
6) Chloroethane	2.79	64	139393	52.546	ug/l	100
7) Trichlorofluoromethane	3.13	101	302915	52.875	ug/l	100
8) Diethyl Ether	3.54	74	116339	56.441	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	187901	53.895	ug/l	100
10) Methyl Iodide	4.10	142	244468	59.211	ug/l	100
11) Tert butyl alcohol	4.97	59	96648	277.574	ug/l	100
12) 1,1-Dichloroethene	3.88	96	184522	54.928	ug/l	100
13) Acrolein	3.74	56	86094	285.938	ug/l	100
14) Allyl chloride	4.49	41	330052	59.044	ug/l	100
15) Acrylonitrile	5.18	53	308427	289.593	ug/l	100
16) Acetone	3.96	43	207054	226.611	ug/l	100
17) Carbon Disulfide	4.20	76	608182	56.565	ug/l	100
18) Methyl Acetate	4.49	43	173392	56.538	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	527134	55.736	ug/l	100
20) Methylene Chloride	4.72	84	214177	51.540	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	212476	55.424	ug/l	100
22) Diisopropyl ether	6.13	45	682751	56.670	ug/l	100
23) Vinyl Acetate	6.07	43	2167931	284.999	ug/l	100
24) 1,1-Dichloroethane	6.04	63	371717	56.777	ug/l	100
25) 2-Butanone	7.00	43	423831	275.899	ug/l	100
26) 2,2-Dichloropropane	7.00	77	304957	51.778	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	233155	55.551	ug/l	100
28) Bromochloromethane	7.35	49	137075	54.408	ug/l	100
29) Tetrahydrofuran	7.36	42	272376	285.323	ug/l	100
30) Chloroform	7.52	83	356538	54.385	ug/l	100
31) Cyclohexane	7.80	56	380103	55.508	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	301217	52.105	ug/l	100
36) 1,1-Dichloropropene	7.93	75	293167	52.555	ug/l	100
37) Ethyl Acetate	7.09	43	178381	53.382	ug/l	100
38) Carbon Tetrachloride	7.91	117	265100	50.105	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	390631	54.207	ug/l	100
40) Benzene	8.17	78	872697	53.319	ug/l	100
41) Methacrylonitrile	7.36	41	239889	130.308	ug/l #	32
42) 1,2-Dichloroethane	8.25	62	231996	50.623	ug/l	100
43) Isopropyl Acetate	8.28	43	340981	54.371	ug/l	100
44) Trichloroethene	8.94	130	223121	51.889	ug/l	100
45) 1,2-Dichloropropane	9.22	63	223212	55.034	ug/l	100
46) Dibromomethane	9.31	93	117672	53.171	ug/l	100
47) Bromodichloromethane	9.50	83	276277	52.936	ug/l	100
48) Methyl methacrylate	9.30	41	156478	56.608	ug/l	100
49) 1,4-Dioxane	9.30	88	35440	1168.848	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	895889	270.377	ug/l	100
52) Toluene	10.25	92	547747	53.048	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	305142	54.565	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	349513	54.346	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	172475	53.772	ug/l	100
56) Ethyl methacrylate	10.51	69	262970	57.514	ug/l	100
57) 1,3-Dichloropropane	10.79	76	303870	54.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	470011	237.012	ug/l	100
59) 2-Hexanone	10.83	43	695561	286.700	ug/l	100
60) Dibromochloromethane	10.99	129	190349	52.348	ug/l	100
61) 1,2-Dibromoethane	11.09	107	167418	54.427	ug/l	100
64) Tetrachloroethene	10.72	164	230253	52.767	ug/l	100
65) Chlorobenzene	11.52	112	564290	52.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193275	52.475	ug/l	100
67) Ethyl Benzene	11.59	91	1049509	53.411	ug/l	100
68) m/p-Xylenes	11.70	106	789211	104.504	ug/l	100
69) o-Xylene	12.03	106	370537	51.953	ug/l	100
70) Styrene	12.04	104	645292	52.951	ug/l	100
71) Bromoform	12.20	173	113779	53.648	ug/l #	100
73) Isopropylbenzene	12.33	105	1003823	54.108	ug/l	100
74) N-amyl acetate	12.14	43	294624	55.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	209035	56.243	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	286517	103.546	ug/l #	100
77) Bromobenzene	12.61	156	221676	52.845	ug/l	100
78) n-propylbenzene	12.67	91	1231140	54.916	ug/l	100
79) 2-Chlorotoluene	12.75	91	673274	54.117	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	832742	54.060	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80884	61.845	ug/l	100
82) 4-Chlorotoluene	12.85	91	691217	53.825	ug/l	100
83) tert-Butylbenzene	13.07	119	706198	53.752	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	836335	54.602	ug/l	100
85) sec-Butylbenzene	13.25	105	1015838	54.340	ug/l	100
86) p-Isopropyltoluene	13.37	119	891861	53.606	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	423193	51.856	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	427285	52.348	ug/l	100
89) n-Butylbenzene	13.69	91	900332	54.671	ug/l	100
90) Hexachloroethane	13.96	117	169395	54.878	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	388936	52.486	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34954	53.660	ug/l	100

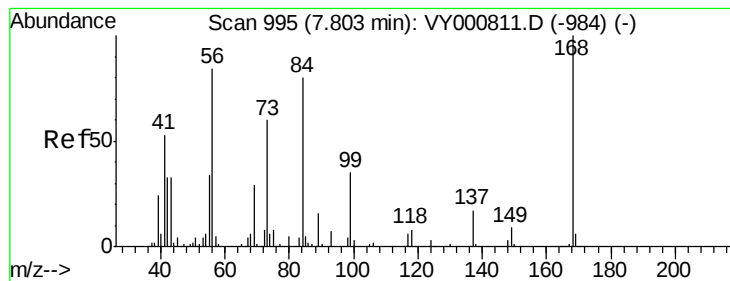
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	262589	51.811	ug/l	100
94) Hexachlorobutadiene	15.11	225	126989	49.499	ug/l	100
95) Naphthalene	15.23	128	628268	55.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	232473	51.523	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

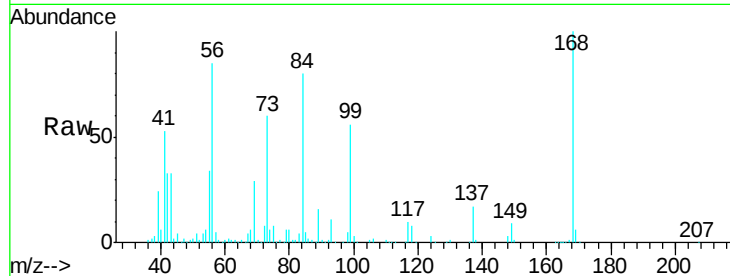
VSTDICCC050

Tgt Ion:168 Resp: 332501

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

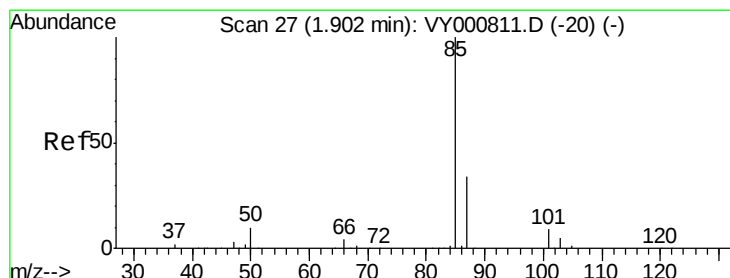
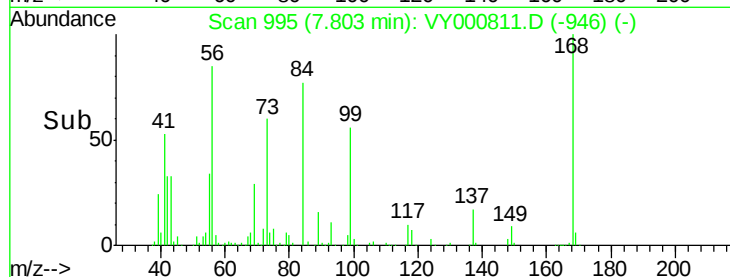
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 54.363 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000811.D

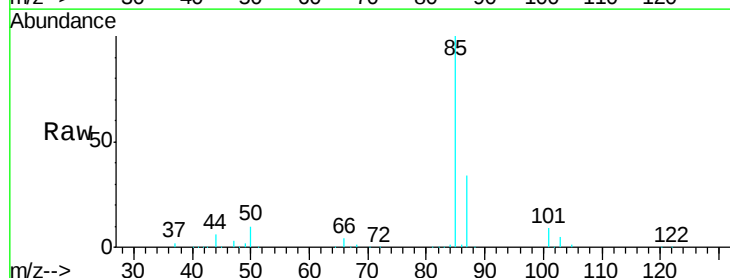
Acq: 27 Nov 2019 11:38

Tgt Ion: 85 Resp: 179547

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

120000

100000

80000

60000

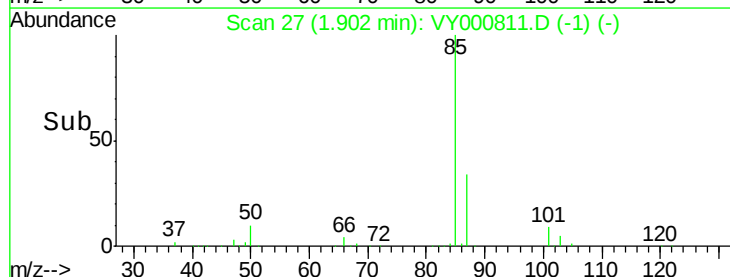
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.536 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

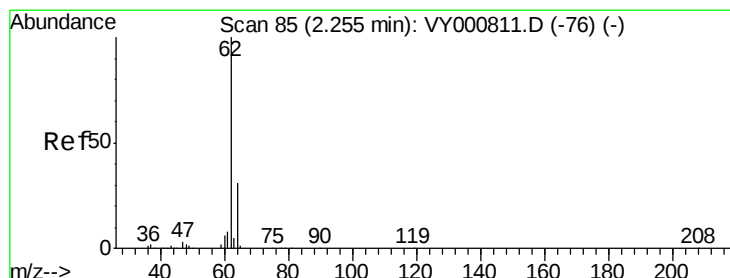
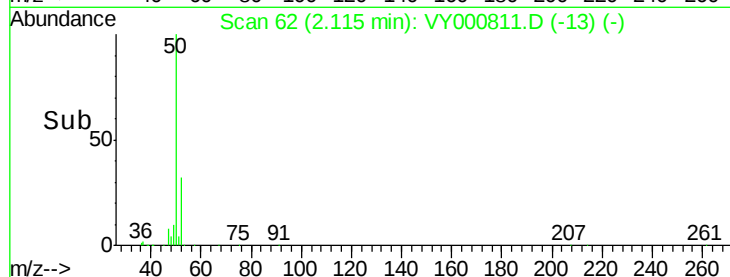
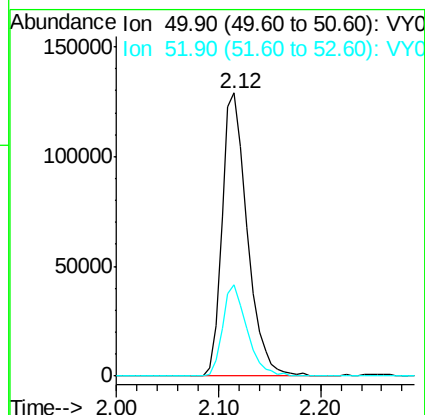
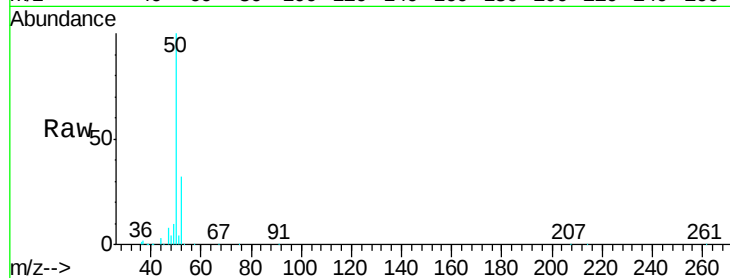
VSTDICCC050

Tgt Ion: 50 Resp: 222703

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 52.287 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY000811.D

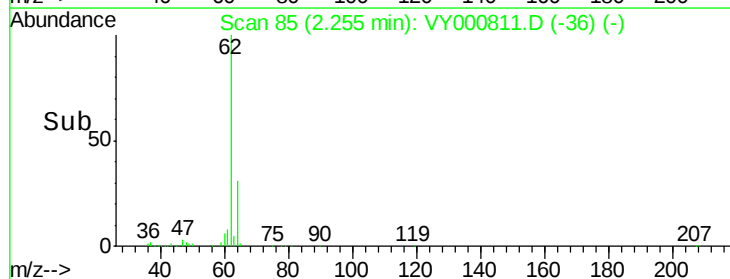
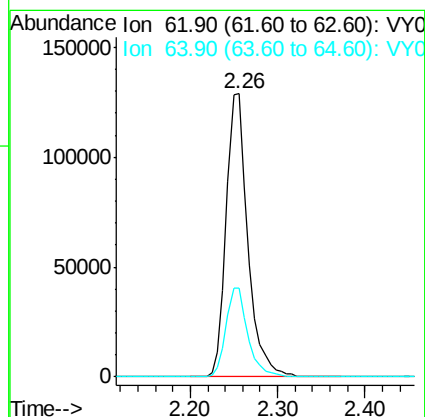
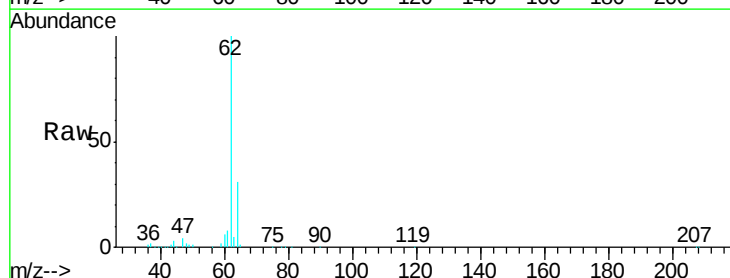
Acq: 27 Nov 2019 11:38

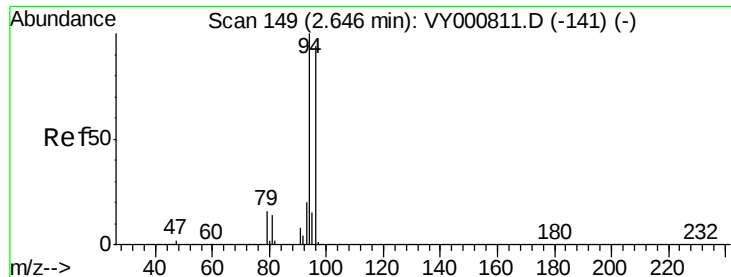
Tgt Ion: 62 Resp: 220403

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 52.035 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

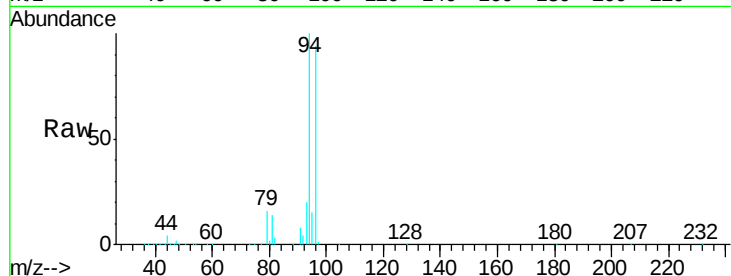
VSTDICCC050

Tgt Ion: 94 Resp: 132898

Ion Ratio Lower Upper

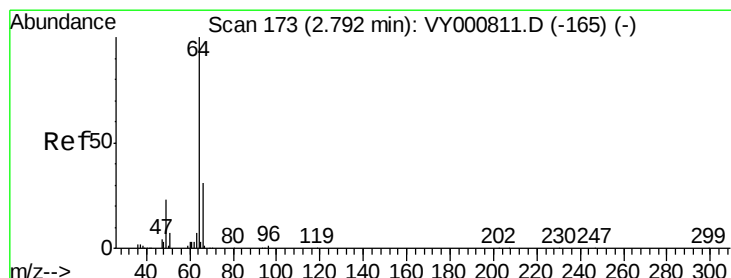
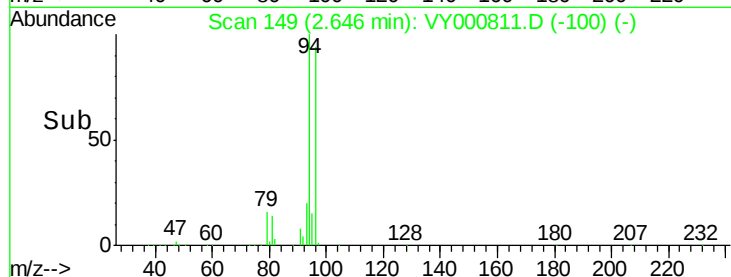
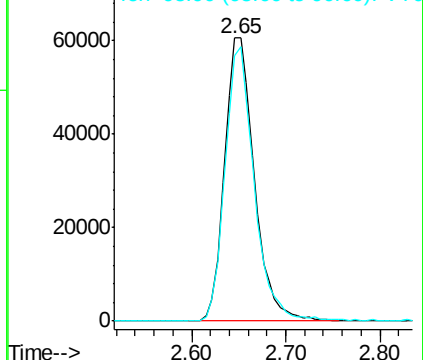
94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.546 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000811.D

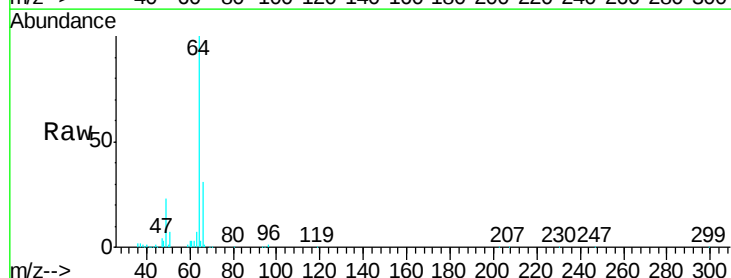
Acq: 27 Nov 2019 11:38

Tgt Ion: 64 Resp: 139393

Ion Ratio Lower Upper

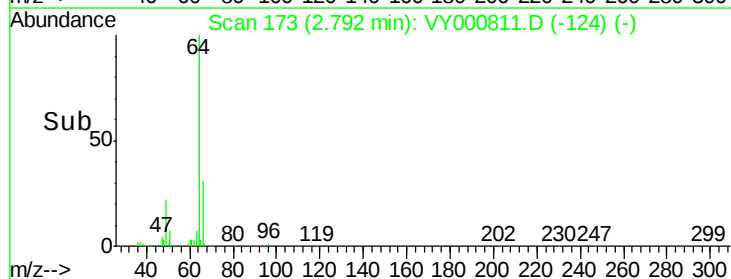
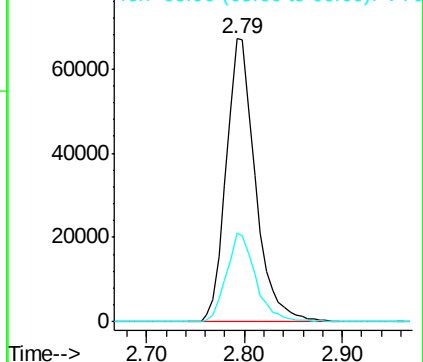
64 100

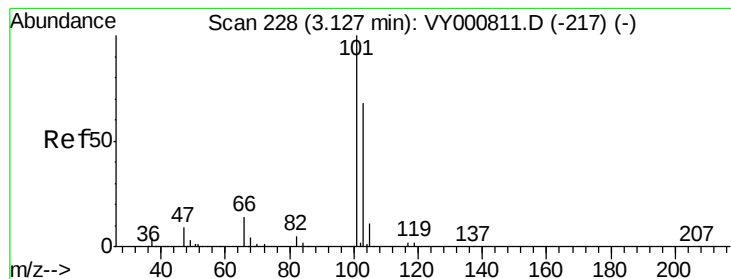
66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



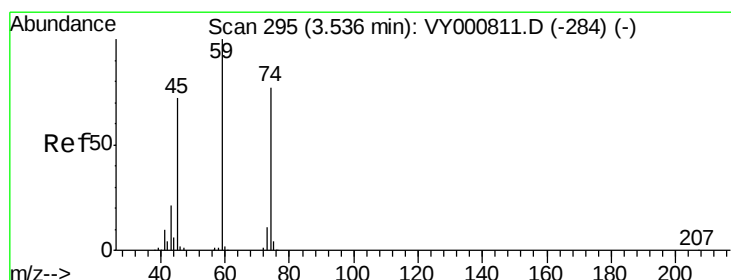
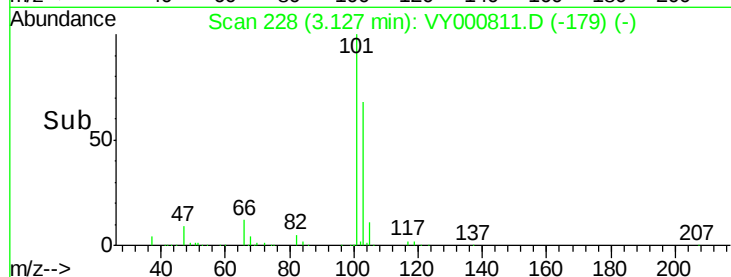
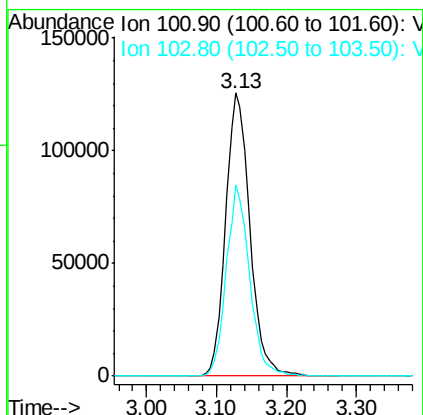
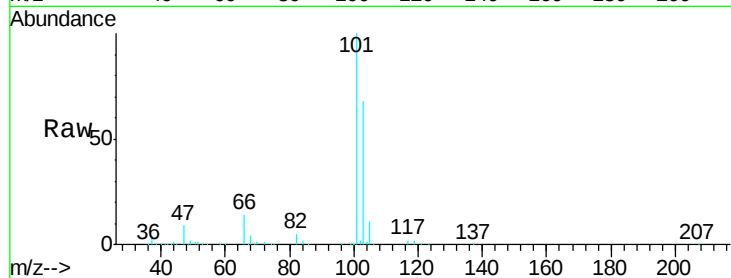


#7

Trichlorofluoromethane
 Concen: 52.875 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

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 VSTDICCC050

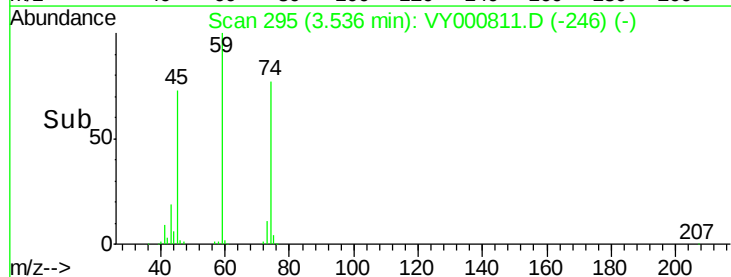
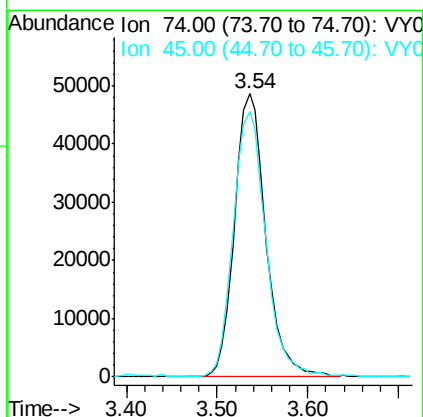
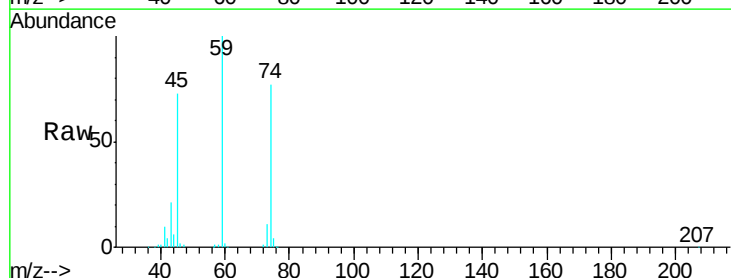
Tgt Ion:101 Resp: 302915
 Ion Ratio Lower Upper
 101 100
 103 67.7 54.2 81.2

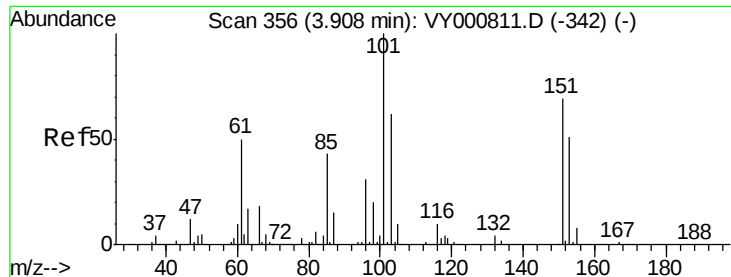


#8

Diethyl Ether
 Concen: 56.441 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 74 Resp: 116339
 Ion Ratio Lower Upper
 74 100
 45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.895 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

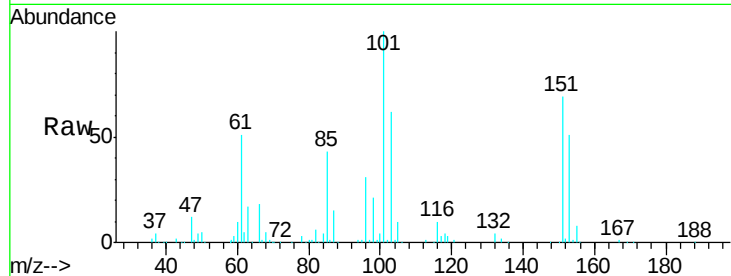
Tgt Ion:101 Resp: 187901

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

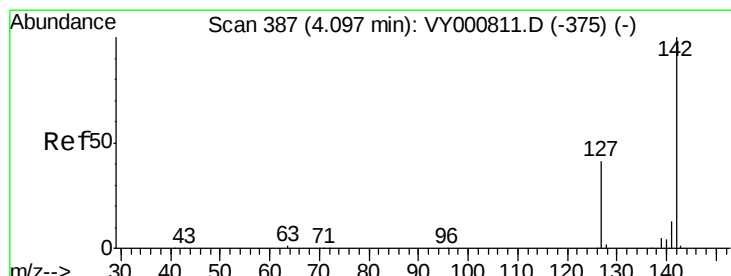
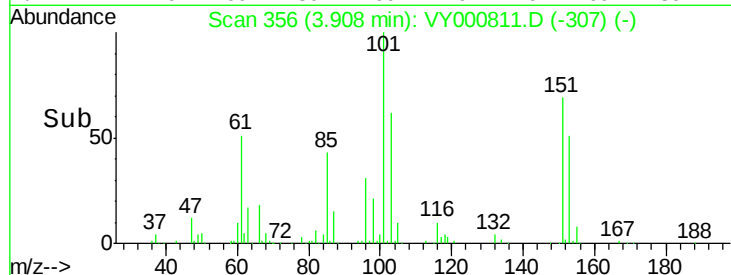
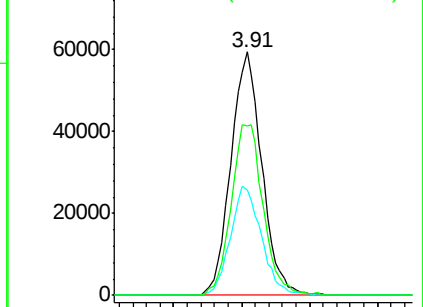
151 72.7 58.2 87.2



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: 59.211 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

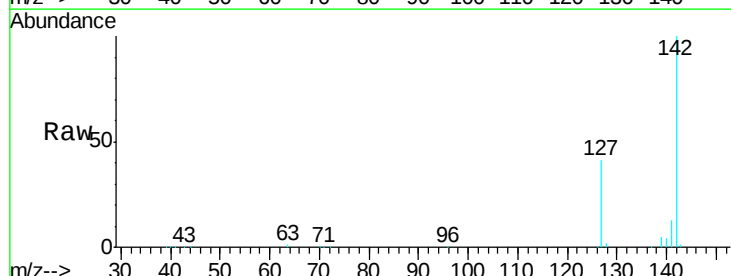
Tgt Ion:142 Resp: 244468

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.8

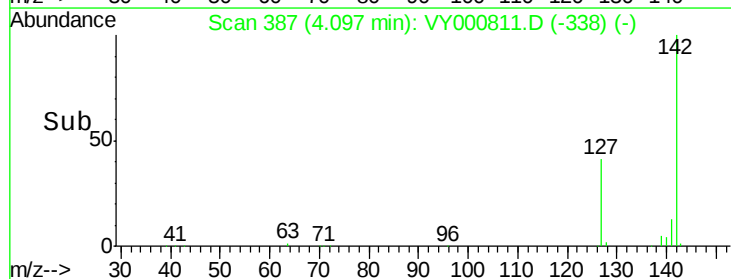
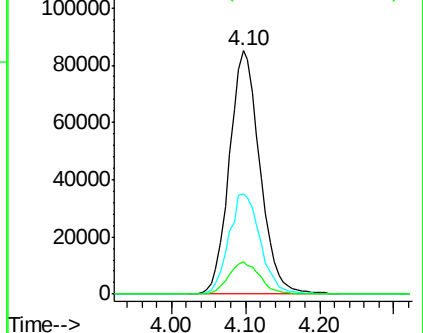
141 13.6 10.9 16.3

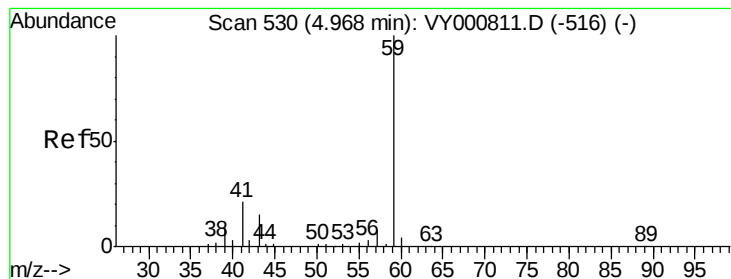


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



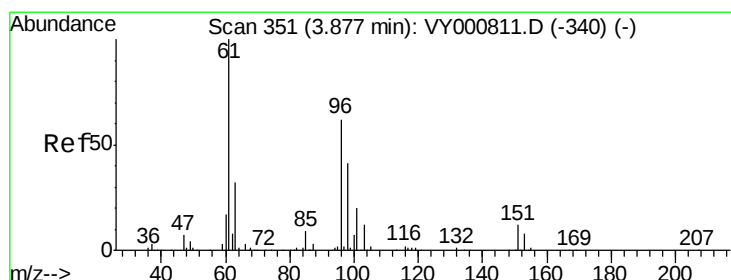
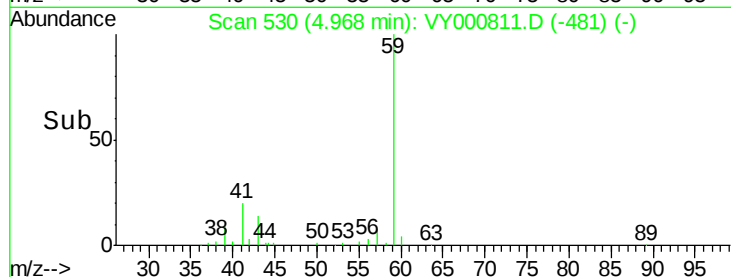
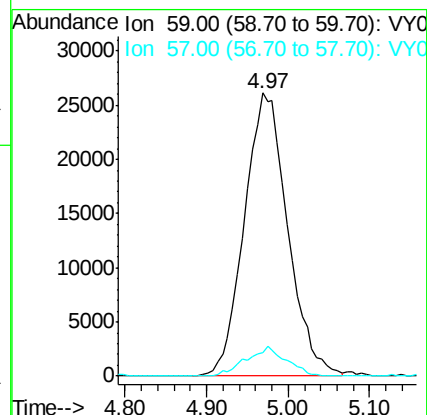
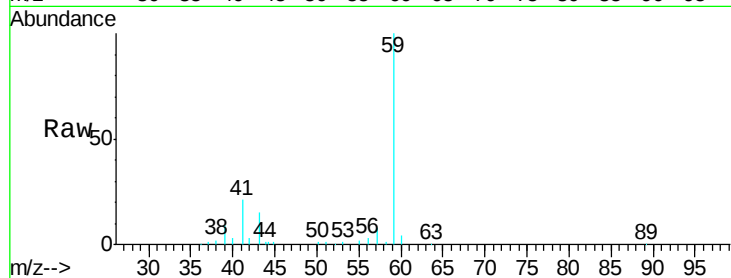


#11

Tert butyl alcohol
Concen: 277.574 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

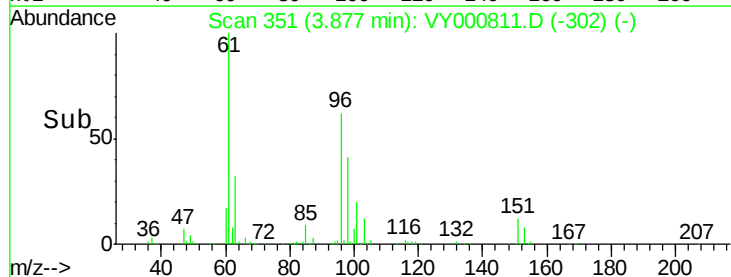
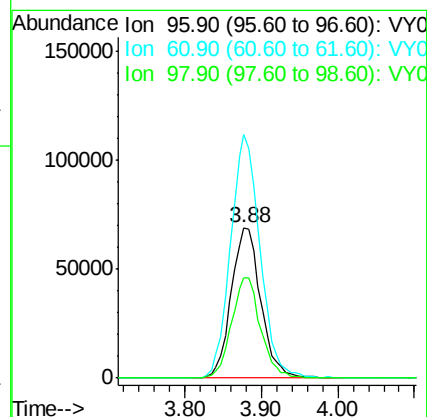
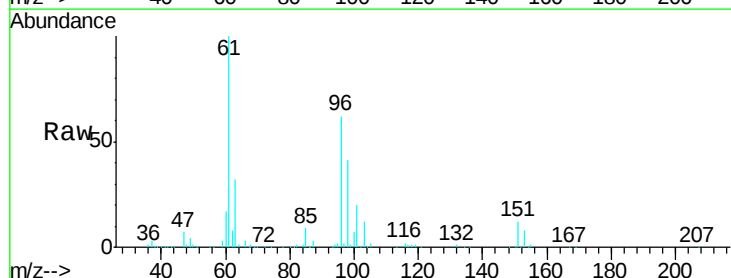
Tgt Ion: 59 Resp: 96648
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6

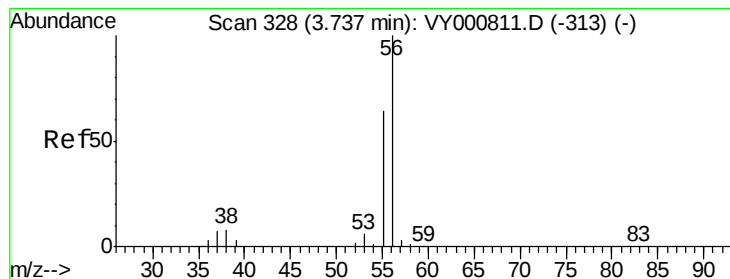


#12

1,1-Dichloroethene
Concen: 54.928 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 96 Resp: 184522
Ion Ratio Lower Upper
96 100
61 161.8 129.4 194.2
98 66.7 53.4 80.0





#13

Acrolein

Concen: 285.938 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

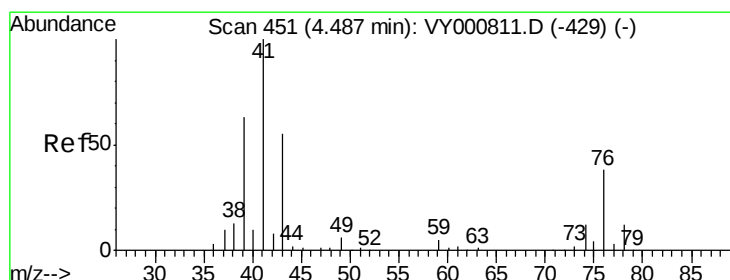
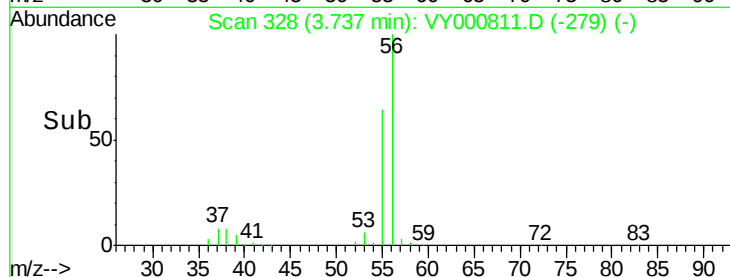
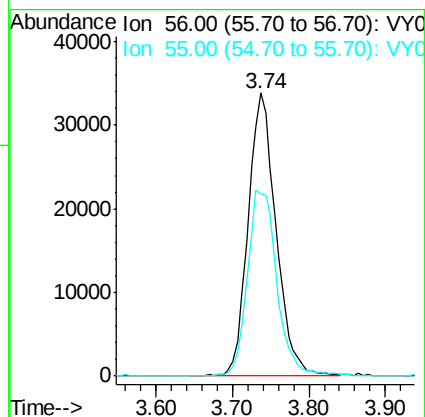
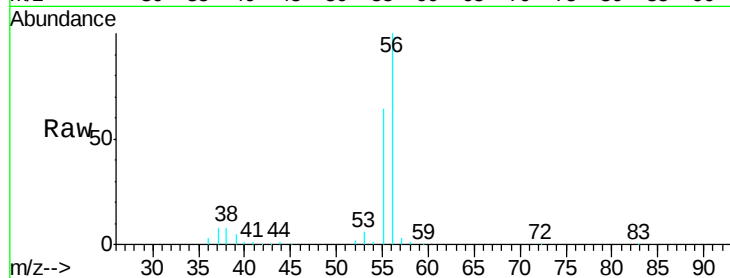
VSTDICCC050

Tgt Ion: 56 Resp: 86094

Ion Ratio Lower Upper

56 100

55 69.6 55.7 83.5



#14

Allyl chloride

Concen: 59.044 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

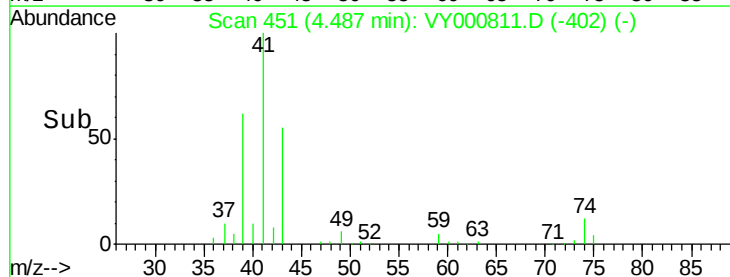
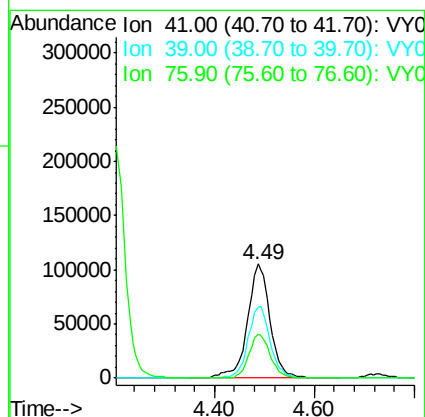
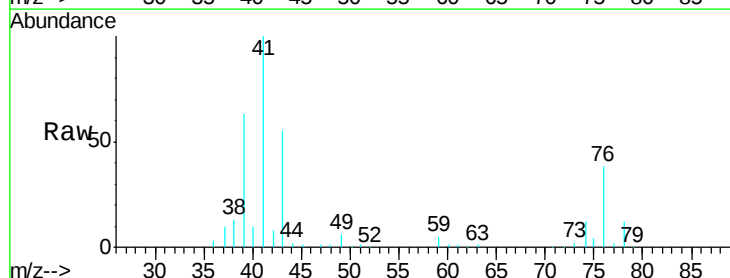
Tgt Ion: 41 Resp: 330052

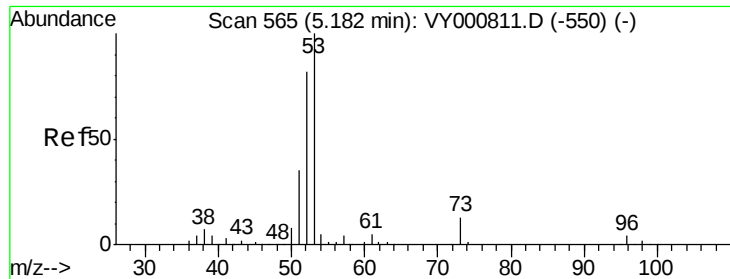
Ion Ratio Lower Upper

41 100

39 61.5 49.2 73.8

76 36.5 29.2 43.8





#15

Acrylonitrile

Concen: 289.593 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

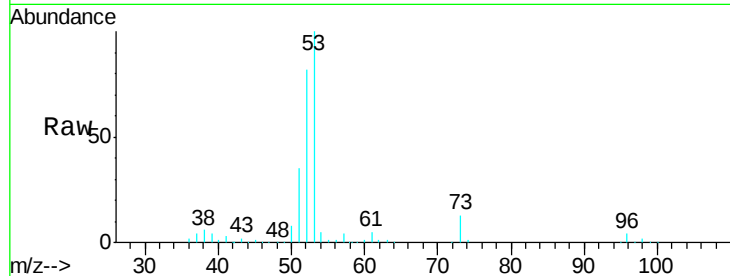
Tgt Ion: 53 Resp: 308427

Ion Ratio Lower Upper

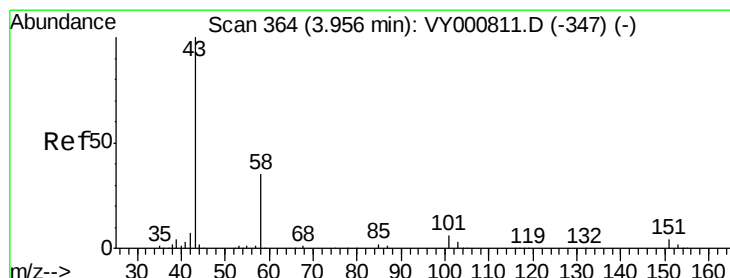
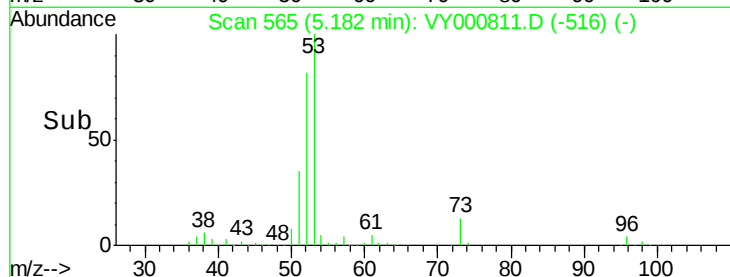
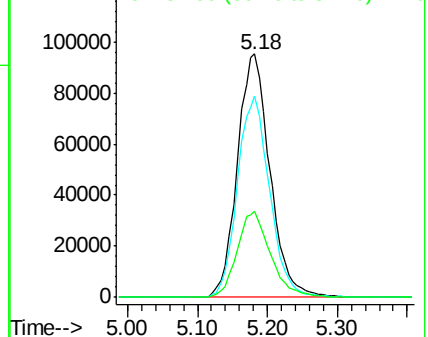
53 100

52 81.4 65.1 97.7

51 36.2 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 226.611 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000811.D

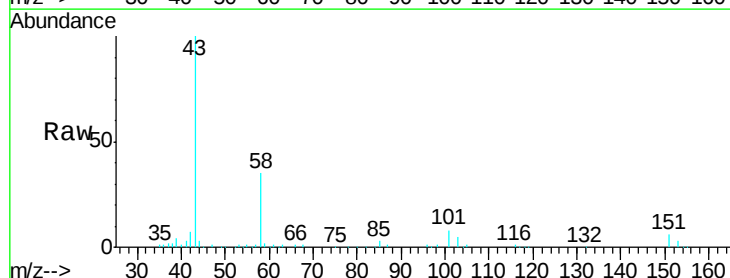
Acq: 27 Nov 2019 11:38

Tgt Ion: 43 Resp: 207054

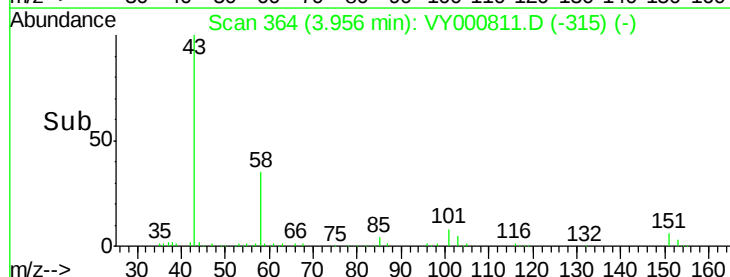
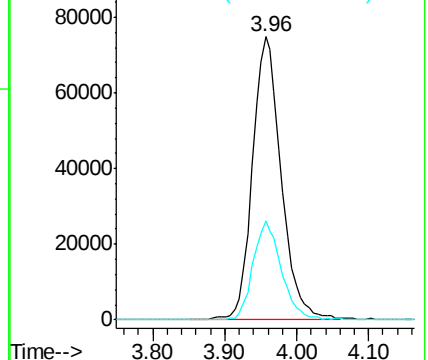
Ion Ratio Lower Upper

43 100

58 35.0 28.0 42.0



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





#17

Carbon Disulfide

Concen: 56.565 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

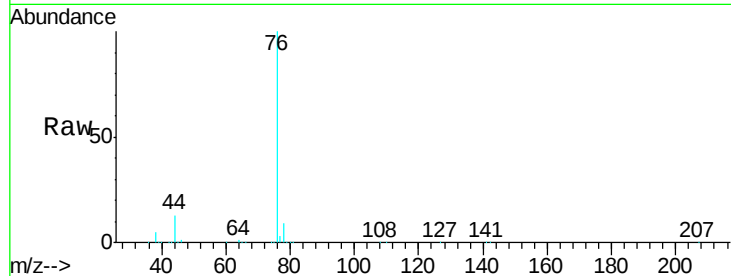
VSTDICCC050

Tgt Ion: 76 Resp: 608182

Ion Ratio Lower Upper

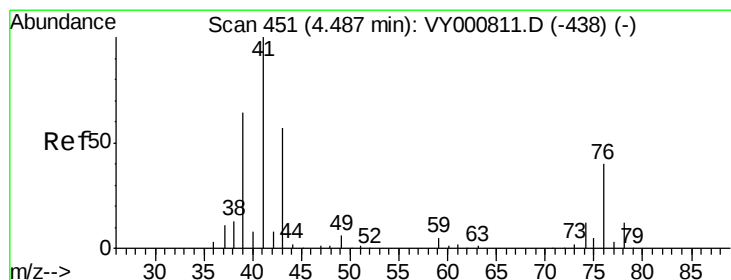
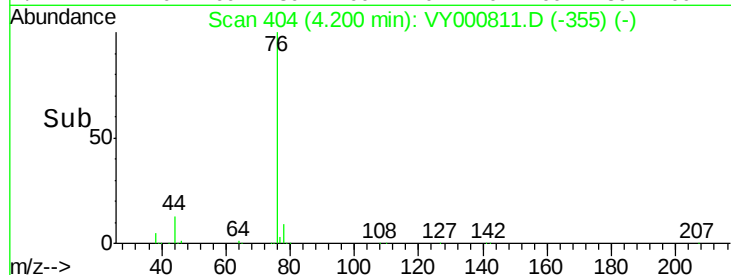
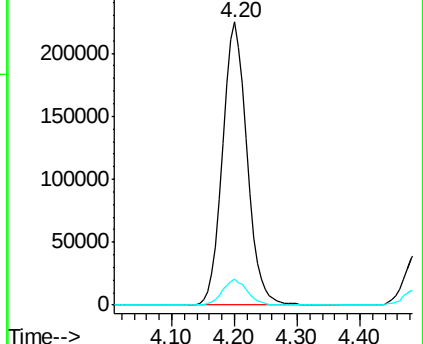
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 56.538 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000811.D

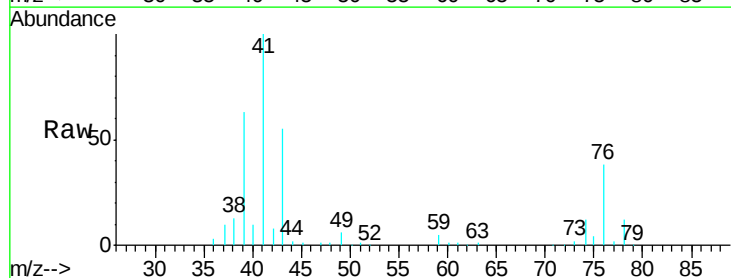
Acq: 27 Nov 2019 11:38

Tgt Ion: 43 Resp: 173392

Ion Ratio Lower Upper

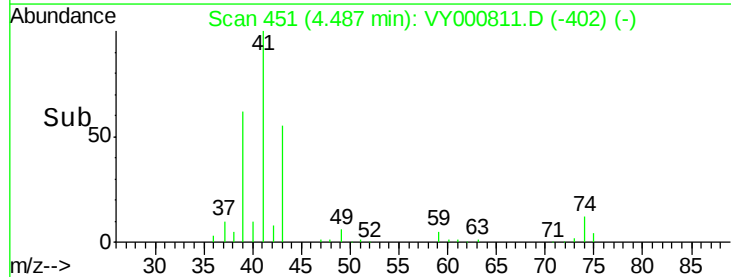
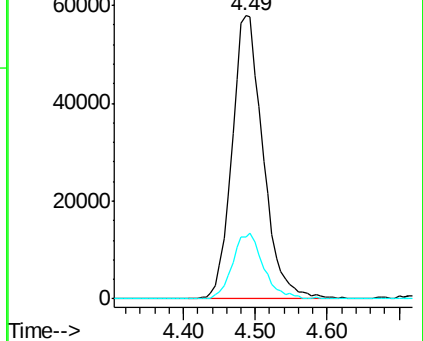
43 100

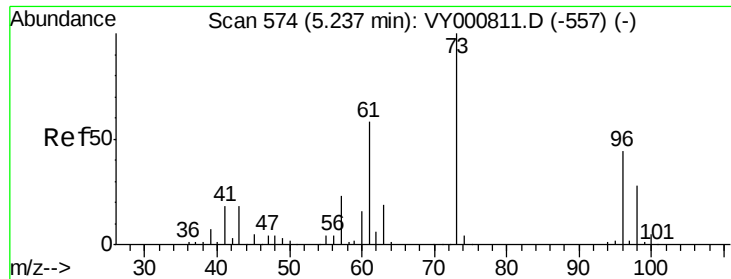
74 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

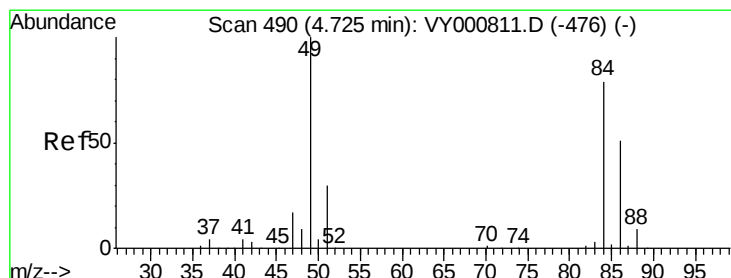
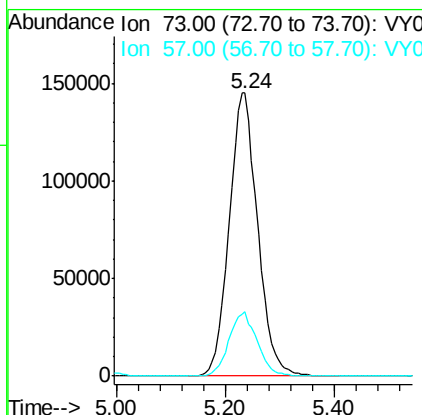
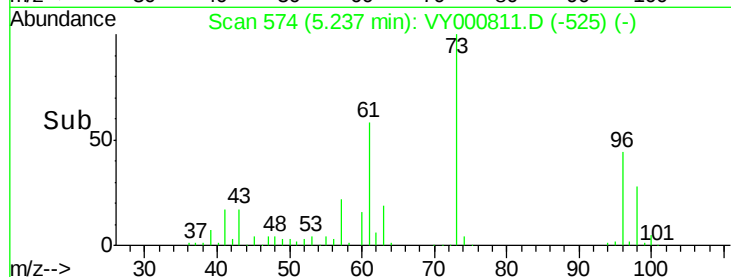
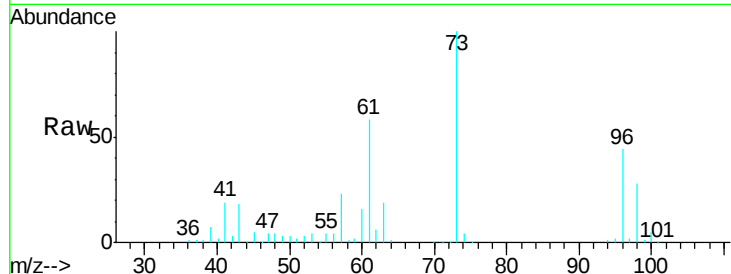




#19
Methyl tert-butyl Ether
Concen: 55.736 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

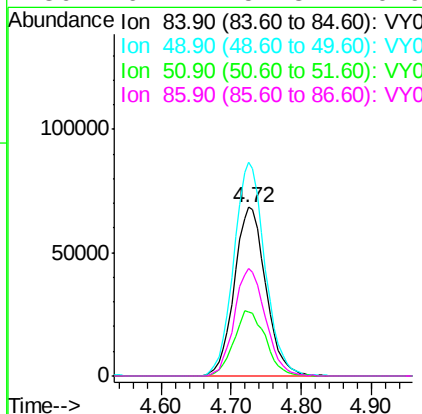
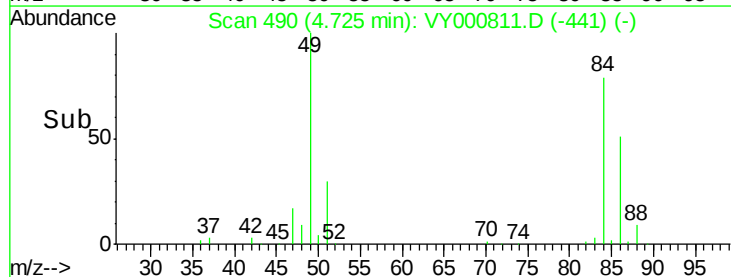
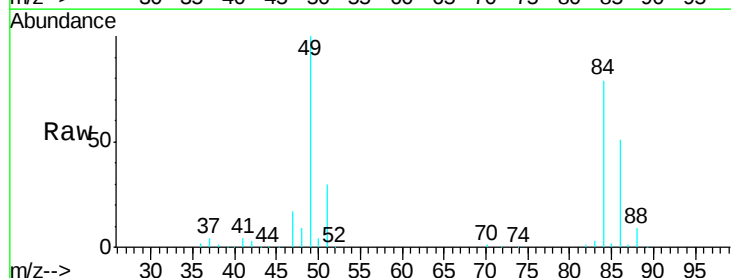
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

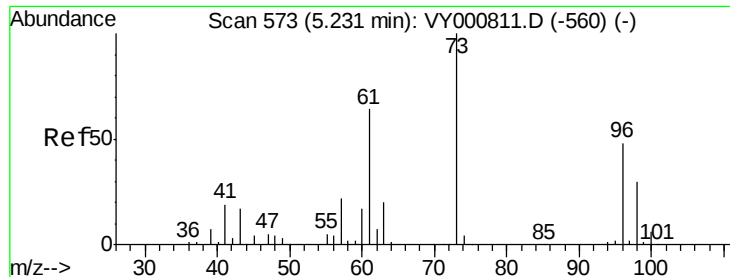
Tgt Ion: 73 Resp: 527134
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 51.540 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 84 Resp: 214177
Ion Ratio Lower Upper
84 100
49 126.6 101.3 151.9
51 38.2 30.6 45.8
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 55.424 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

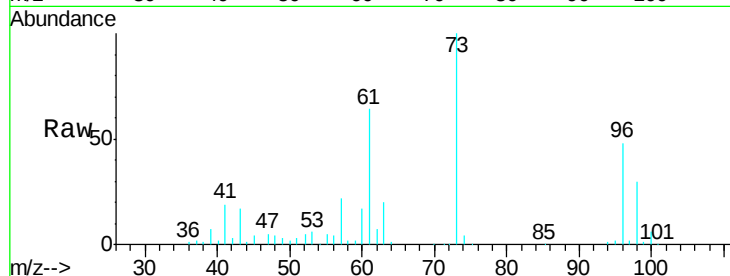
Tgt Ion: 96 Resp: 212476

Ion Ratio Lower Upper

96 100

61 132.4 105.9 158.9

98 61.8 49.4 74.2

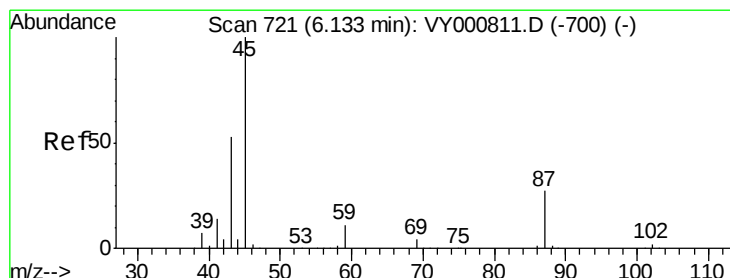
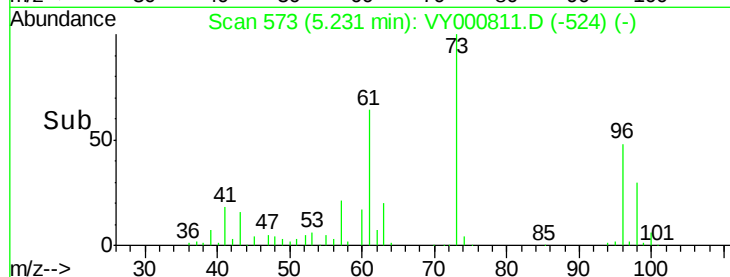
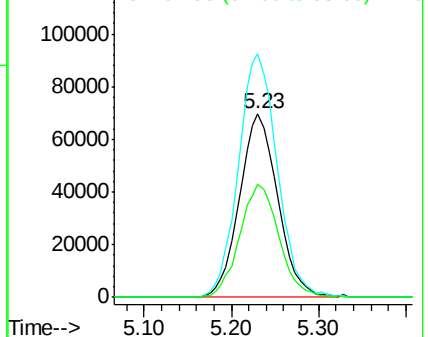


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 56.670 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Tgt Ion: 45 Resp: 682751

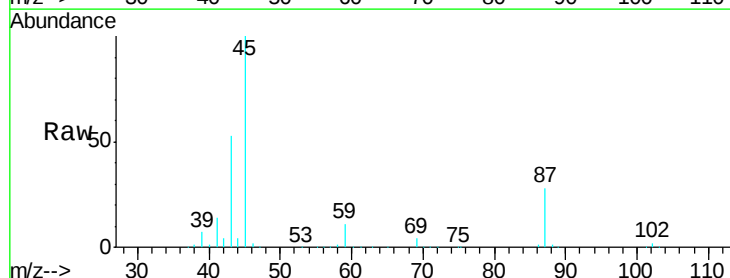
Ion Ratio Lower Upper

45 100

43 53.4 42.7 64.1

87 27.5 22.0 33.0

59 11.1 8.9 13.3



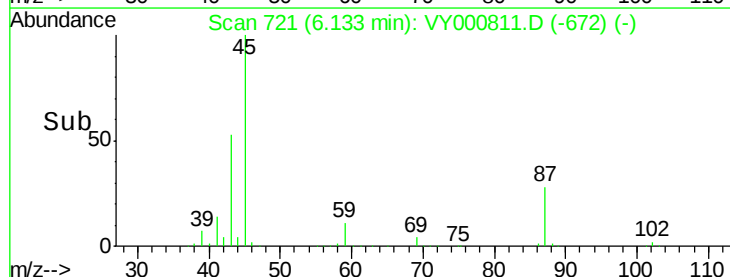
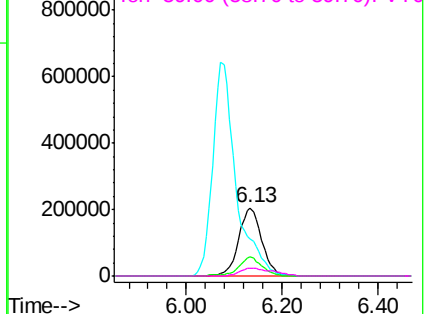
Abundance

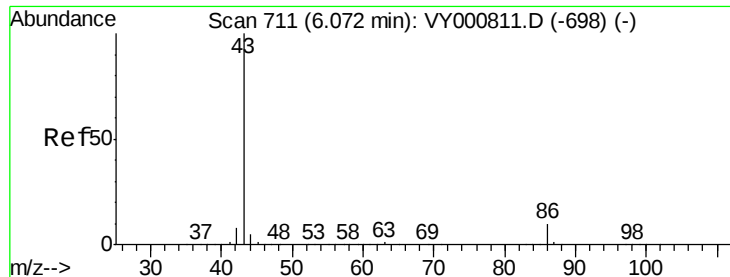
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 284.999 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

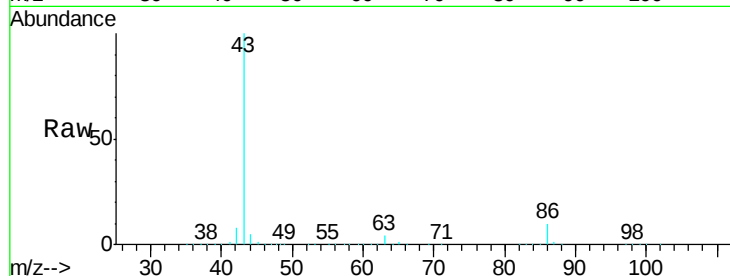
VSTDICCC050

Tgt Ion: 43 Resp: 2167931

Ion Ratio Lower Upper

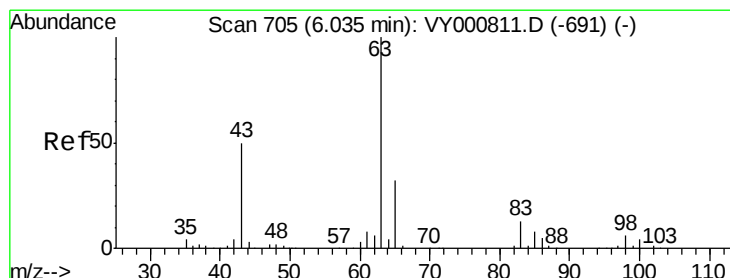
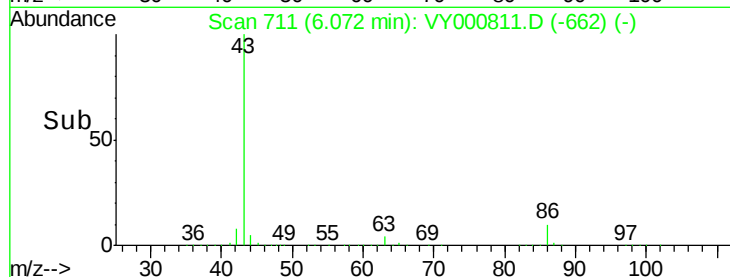
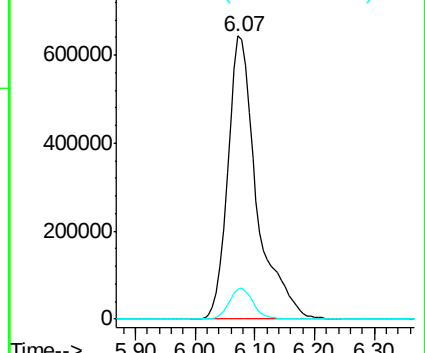
43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 56.777 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

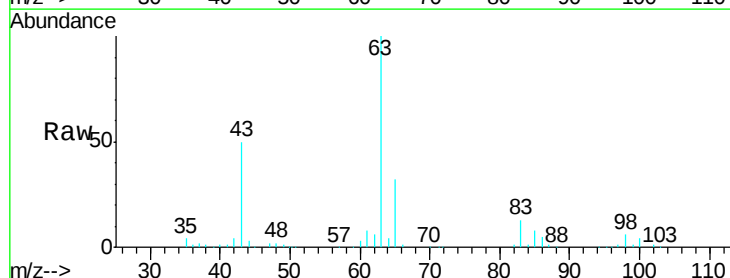
Tgt Ion: 63 Resp: 371717

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

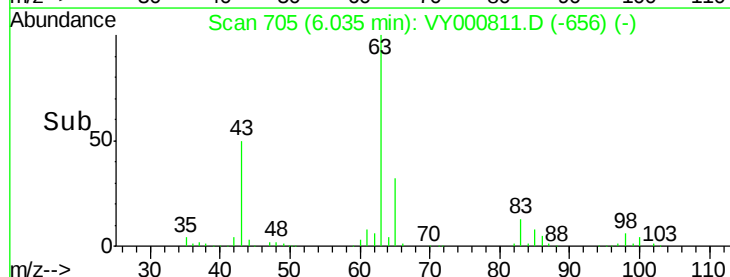
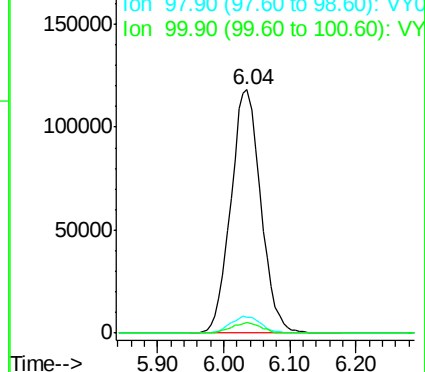
100 4.4 2.2 6.6

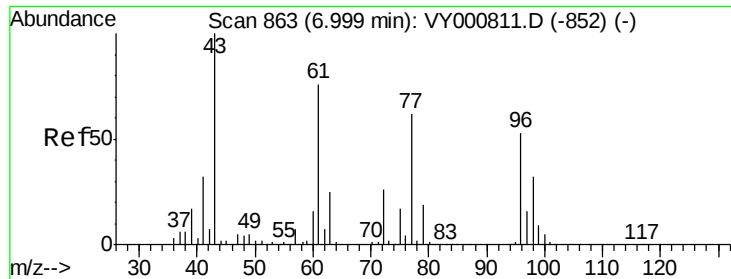


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 275.899 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

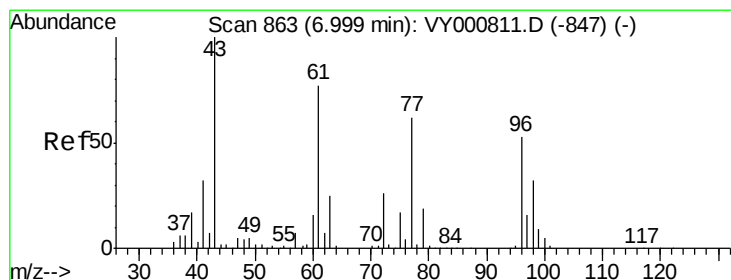
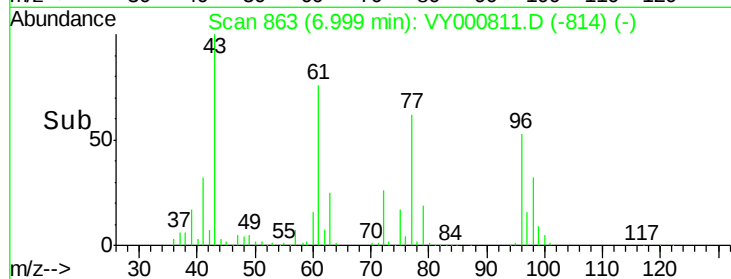
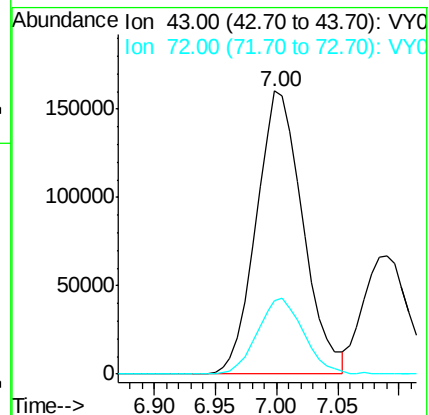
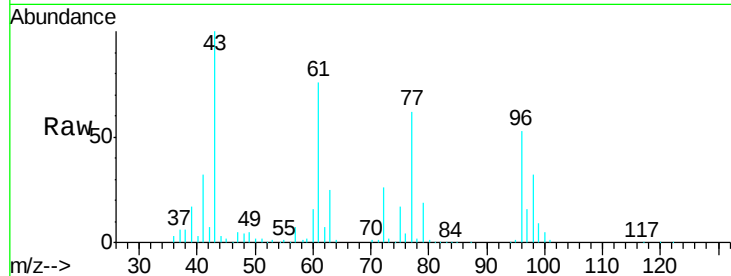
VSTDICCC050

Tgt Ion: 43 Resp: 423831

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.778 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000811.D

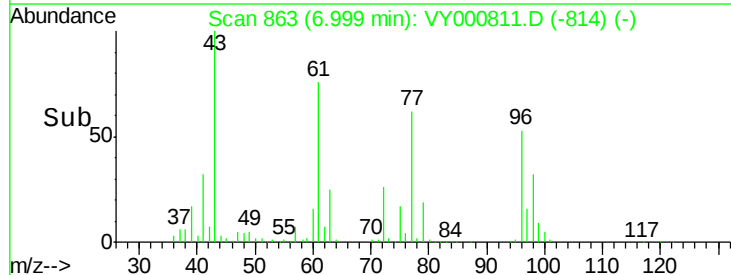
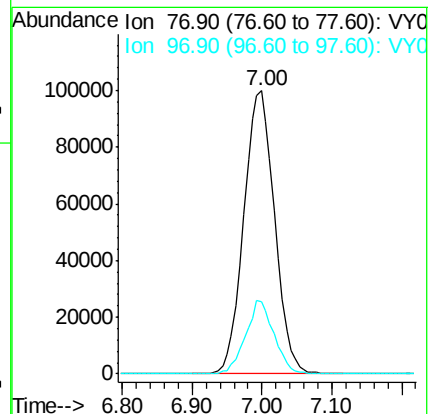
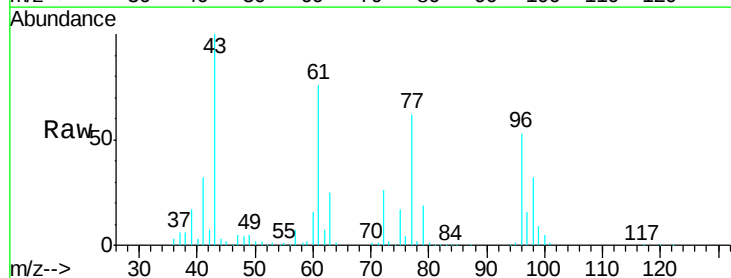
Acq: 27 Nov 2019 11:38

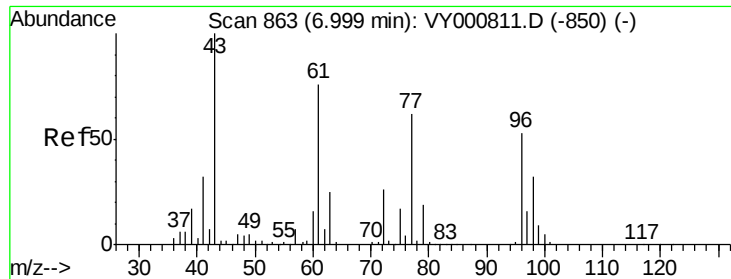
Tgt Ion: 77 Resp: 304957

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



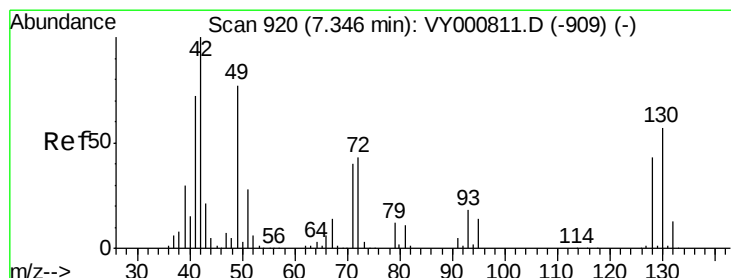
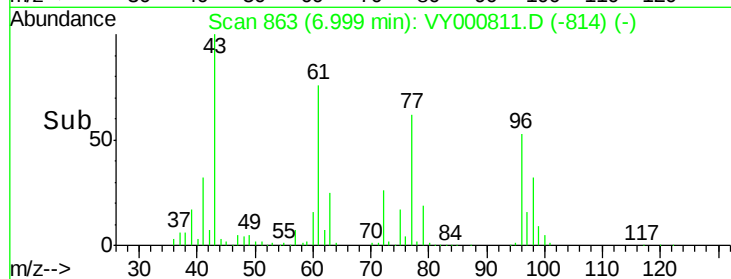
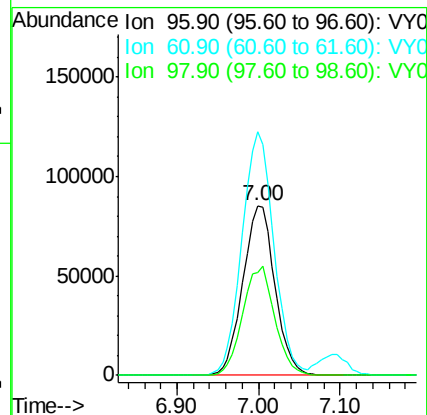
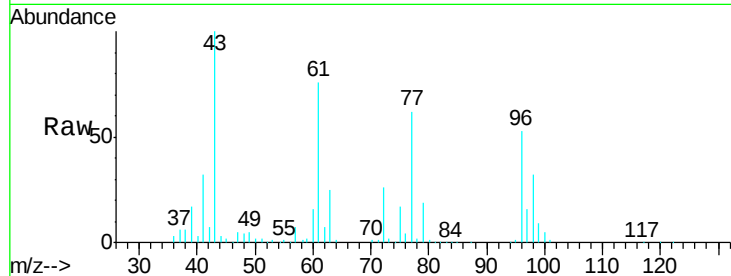


#27

cis-1,2-Dichloroethene
Concen: 55.551 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

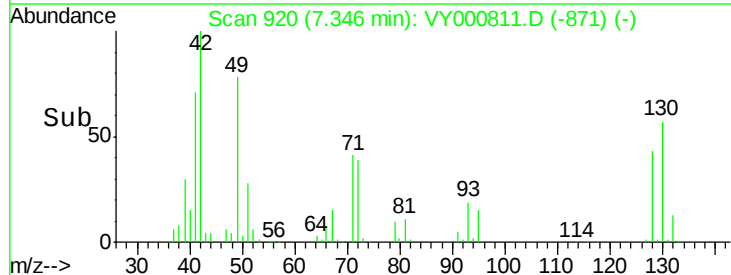
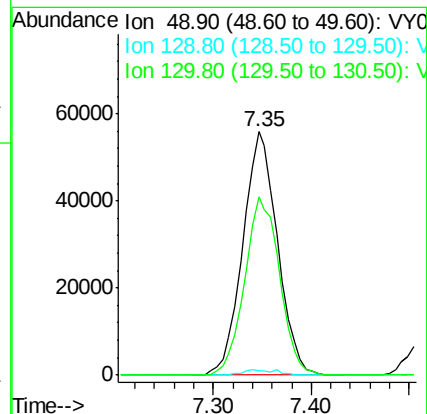
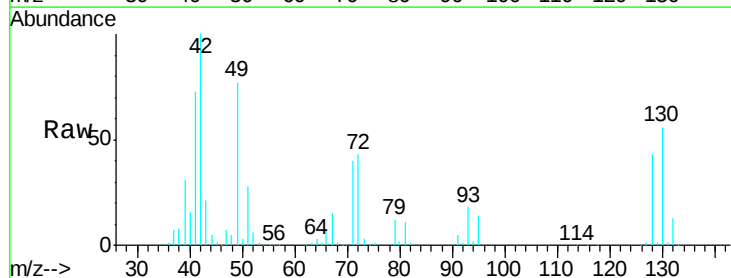
Tgt Ion: 96 Resp: 233155
Ion Ratio Lower Upper
96 100
61 142.5 0.0 285.0
98 64.0 0.0 128.0

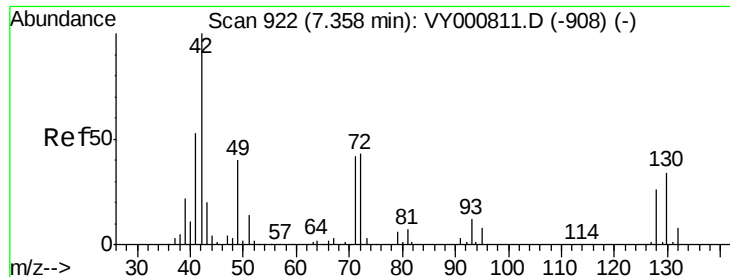


#28

Bromochloromethane
Concen: 54.408 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 49 Resp: 137075
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 73.4 58.7 88.1





#29

Tetrahydrofuran

Concen: 285.323 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

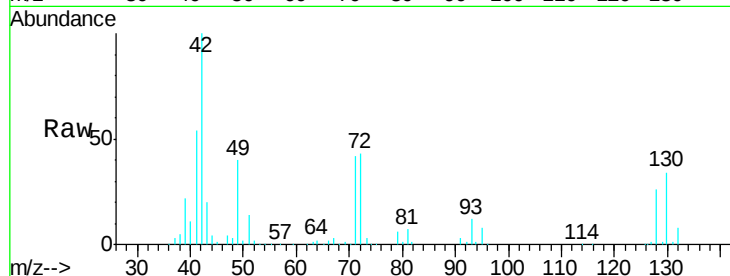
Tgt Ion: 42 Resp: 272376

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

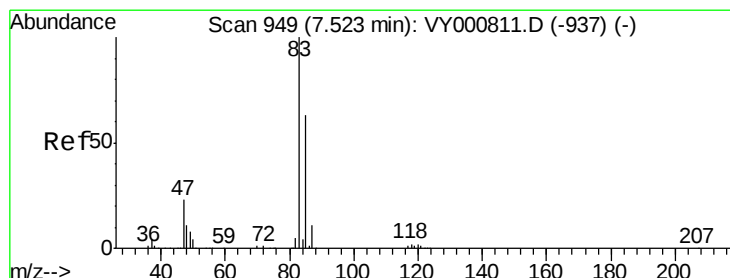
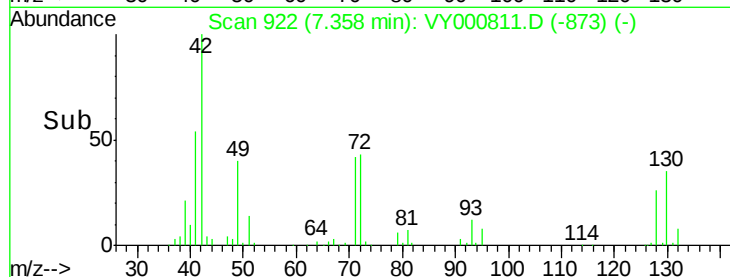
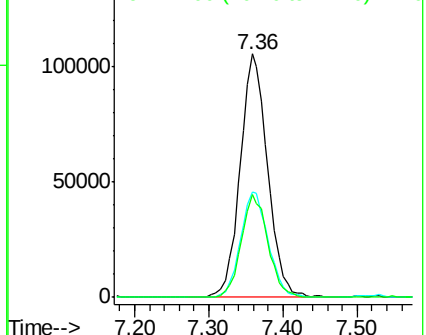
71 41.0 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 54.385 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: VY000811.D

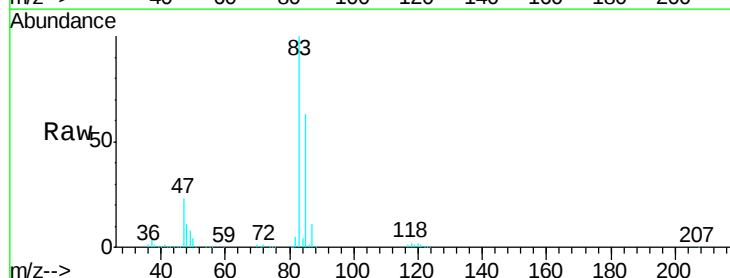
Acq: 27 Nov 2019 11:38

Tgt Ion: 83 Resp: 356538

Ion Ratio Lower Upper

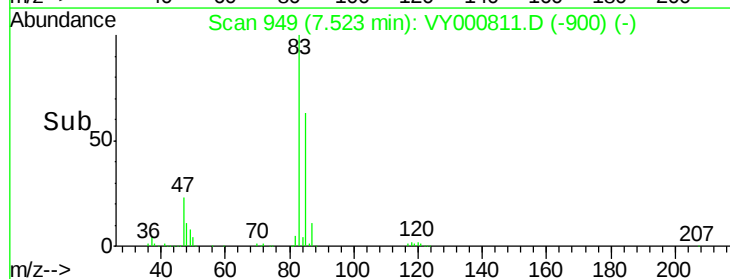
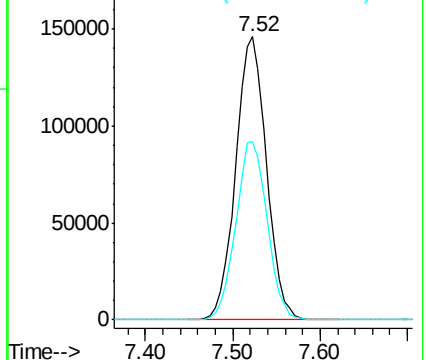
83 100

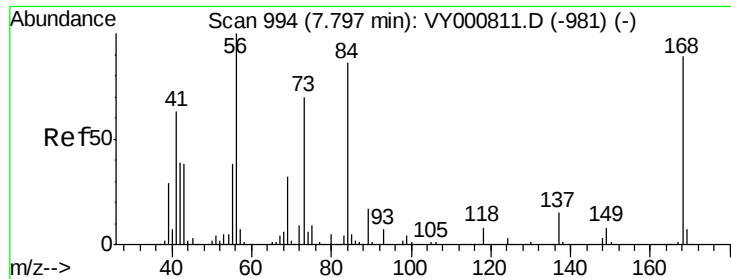
85 63.0 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

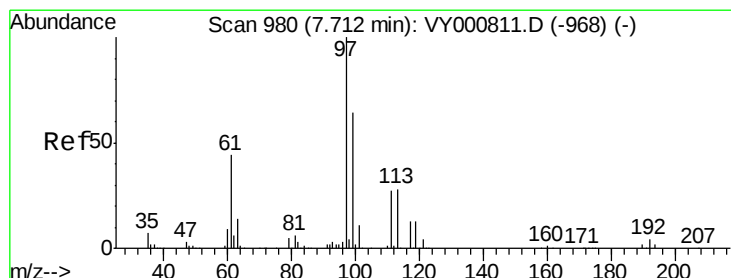
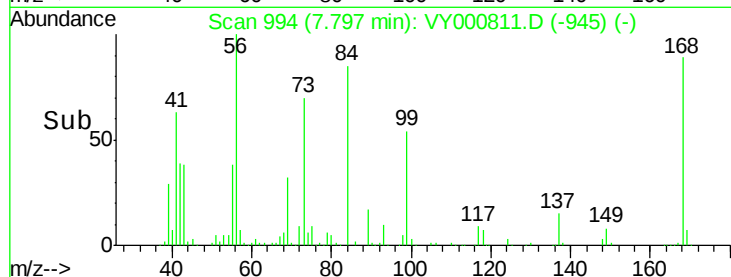
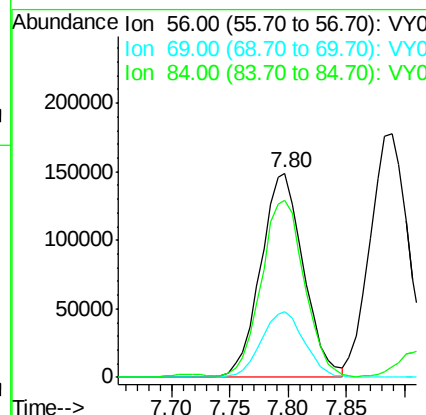
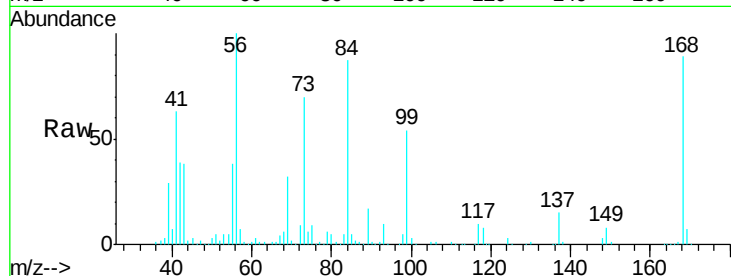




#31
Cyclohexane
Concen: 55.508 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

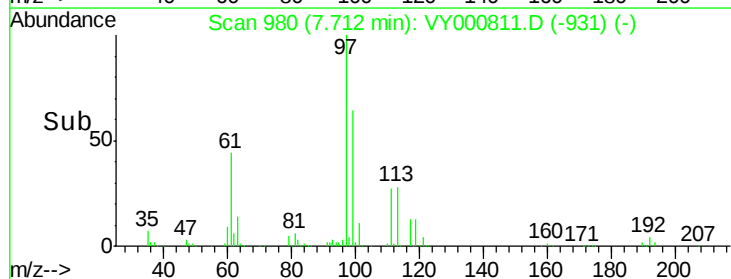
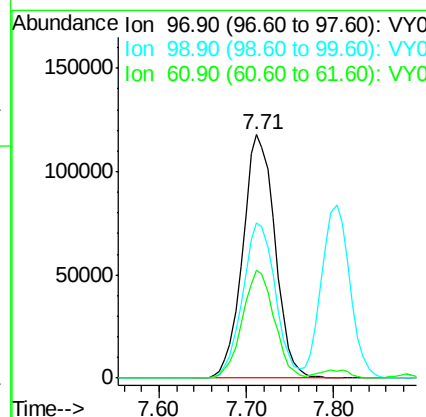
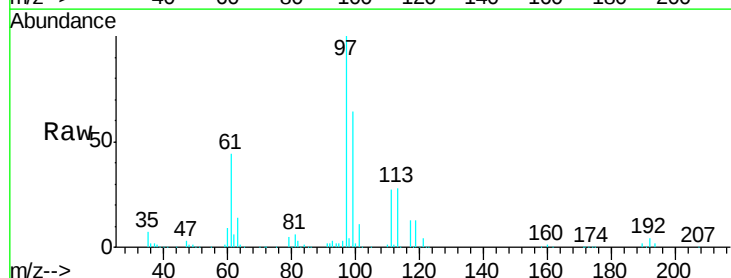
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

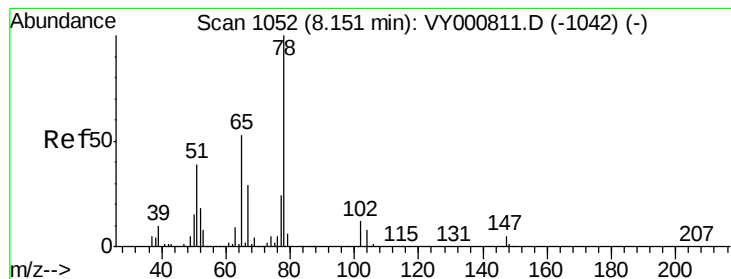
Tgt Ion: 56 Resp: 380103
Ion Ratio Lower Upper
56 100
69 32.4 25.9 38.9
84 85.7 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 52.105 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 97 Resp: 301217
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.385 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

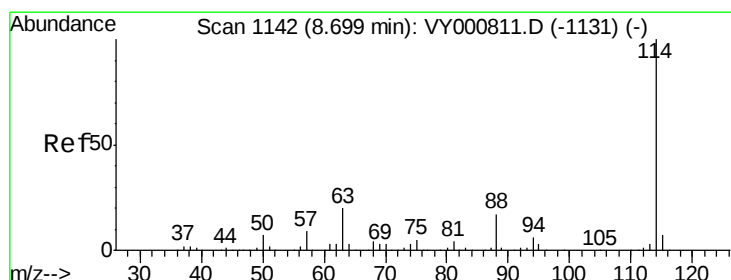
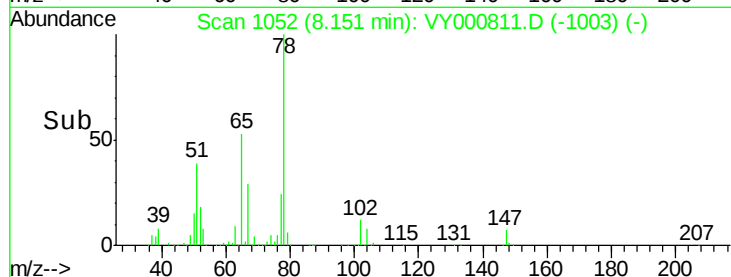
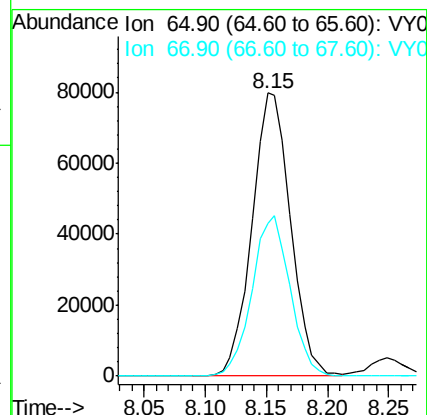
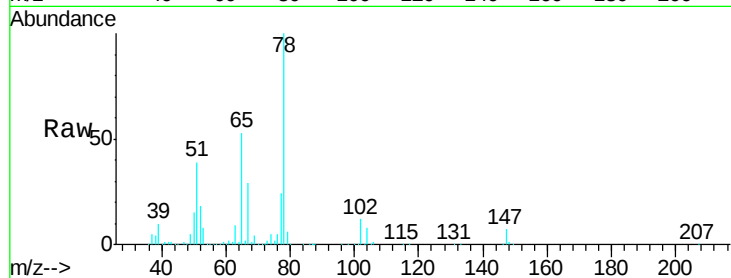
VSTDICCC050

Tgt Ion: 65 Resp: 174718

Ion Ratio Lower Upper

65 100

67 56.0 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

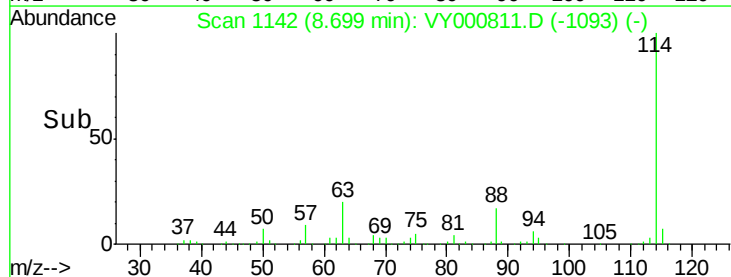
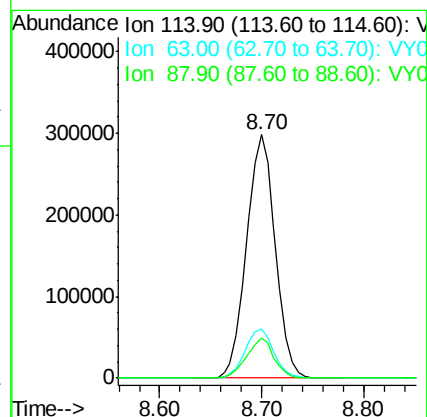
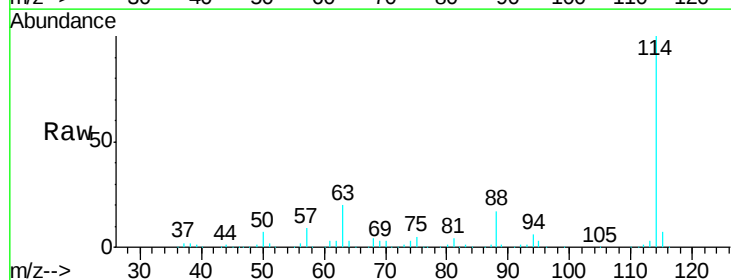
Tgt Ion: 114 Resp: 581584

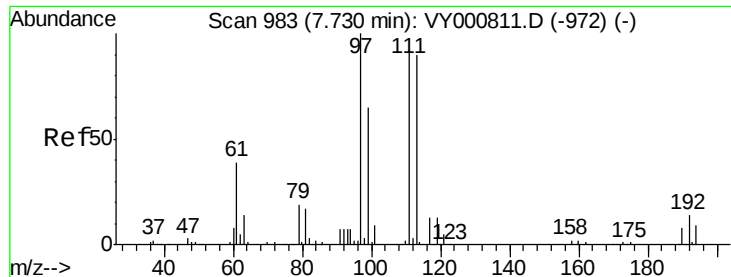
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 16.6 0.0 33.2

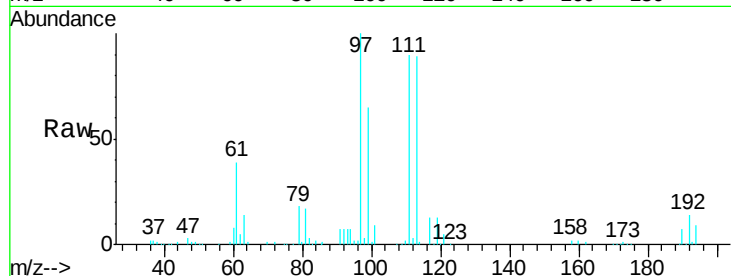




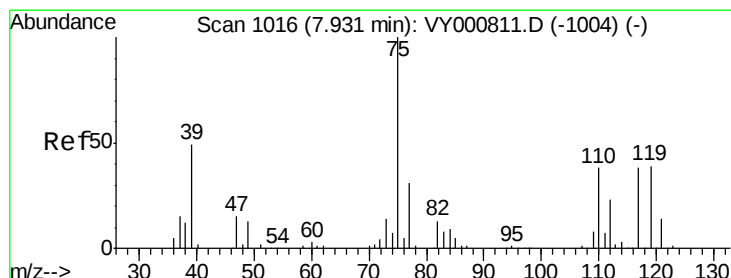
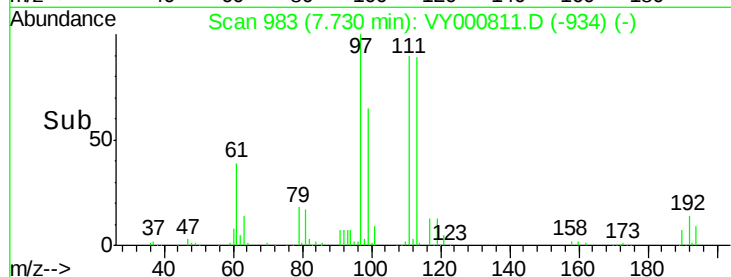
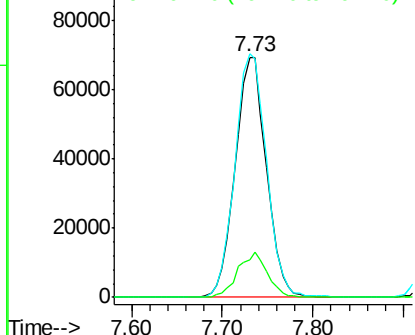
#35
 Dibromofluoromethane
 Concen: 48.898 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:113 Resp: 165171
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 17.7 14.2 21.2

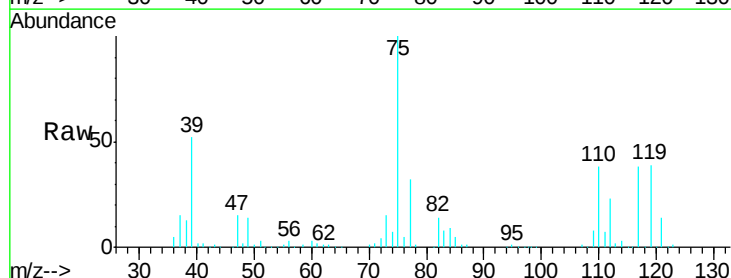


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

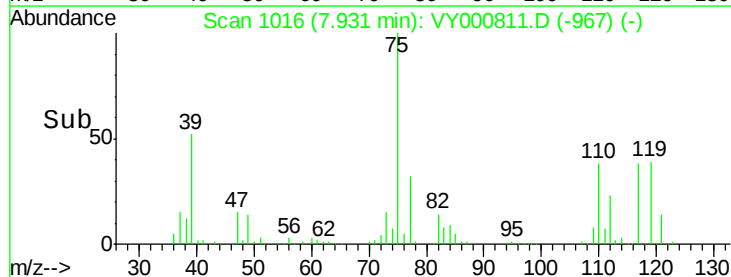
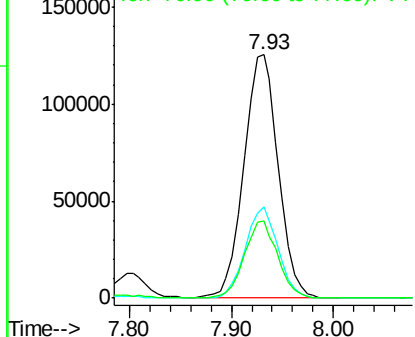


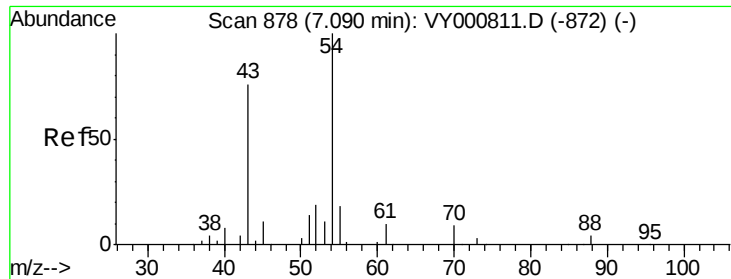
#36
 1,1-Dichloropropene
 Concen: 52.555 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 75 Resp: 293167
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.7
 77 30.9 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

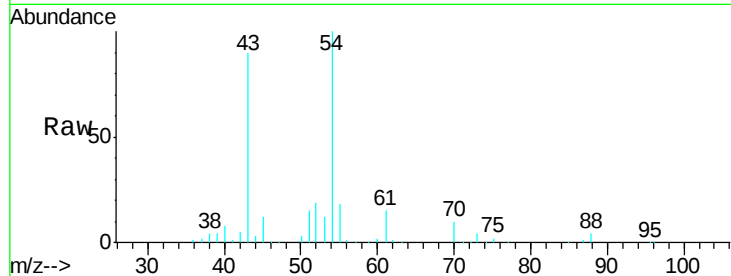




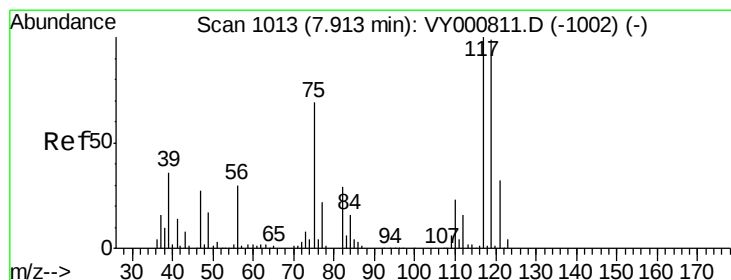
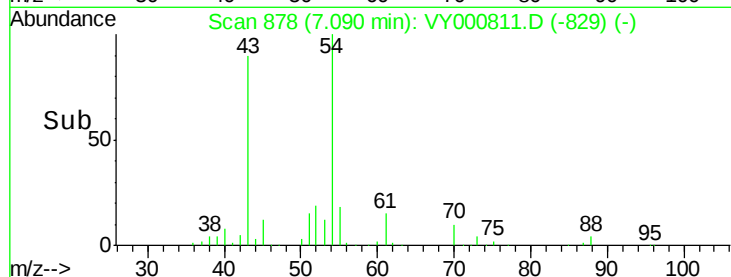
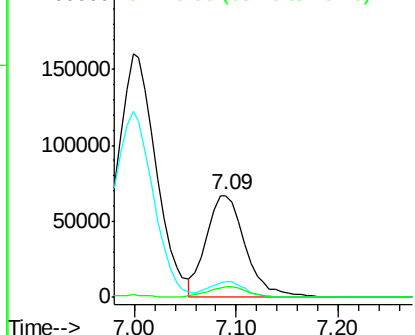
#37
Ethyl Acetate
Concen: 53.382 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 178381
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.9 8.7 13.1

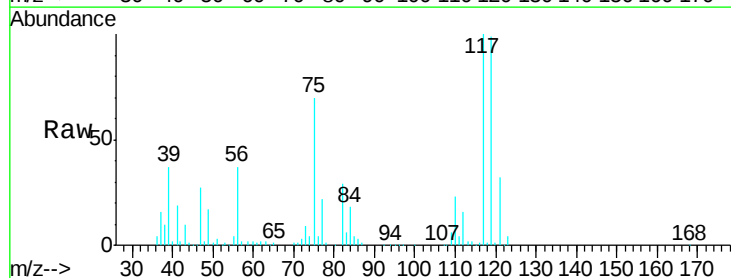


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

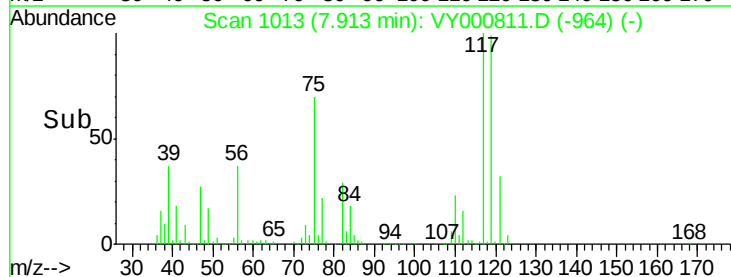
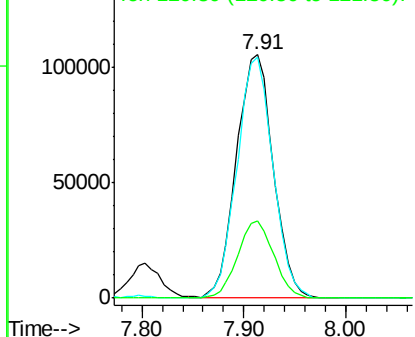


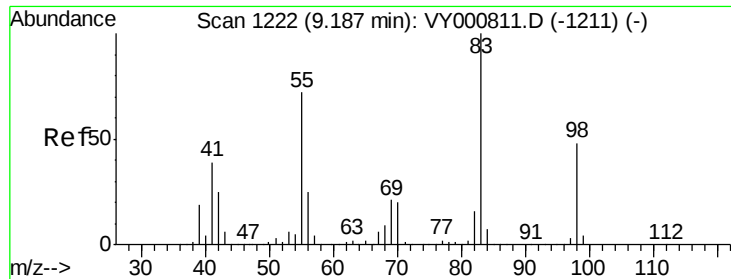
#38
Carbon Tetrachloride
Concen: 50.105 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 117 Resp: 265100
Ion Ratio Lower Upper
117 100
119 99.1 79.3 118.9
121 31.9 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

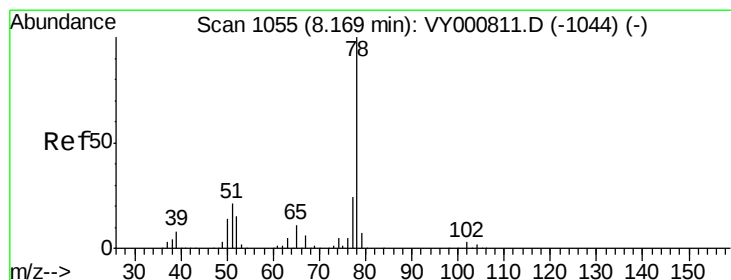
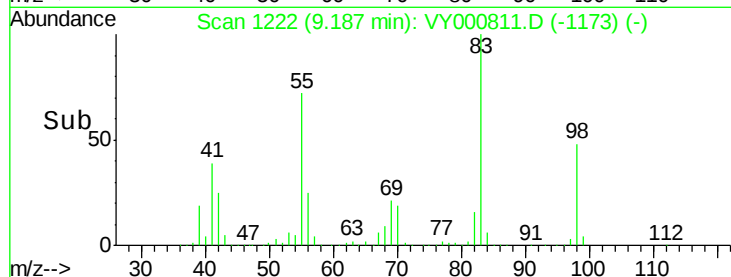
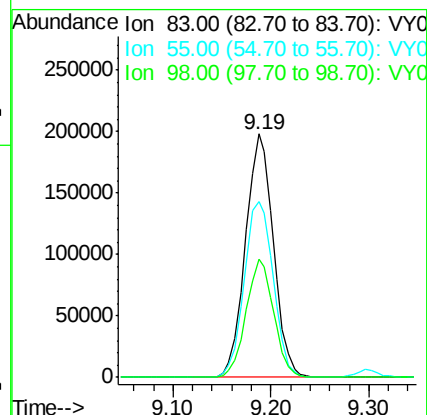
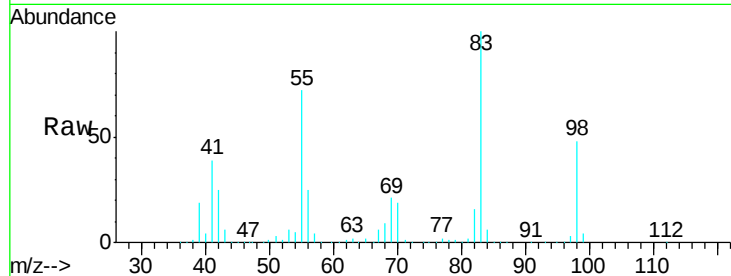




#39
Methylcyclohexane
Concen: 54.207 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

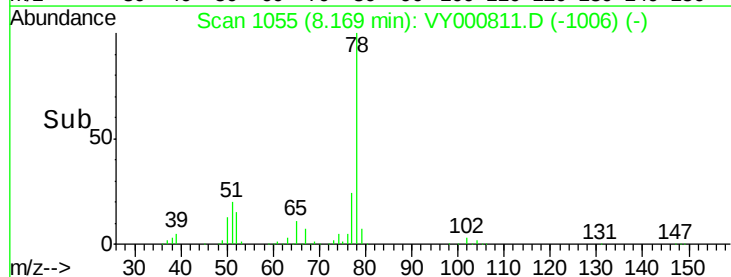
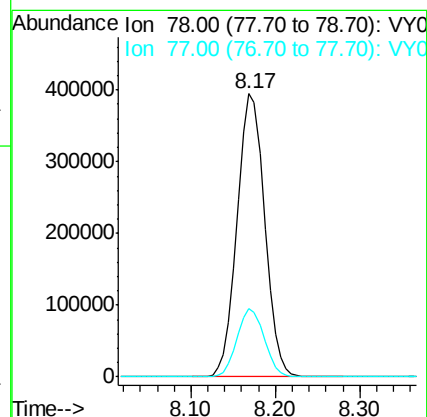
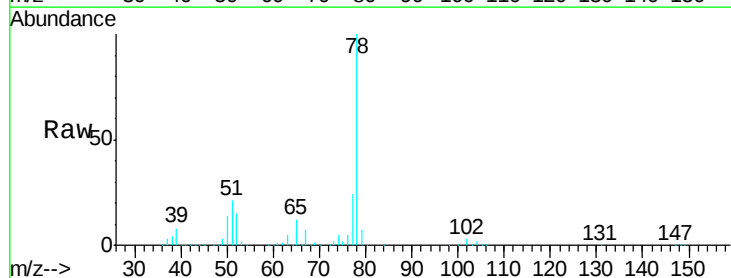
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

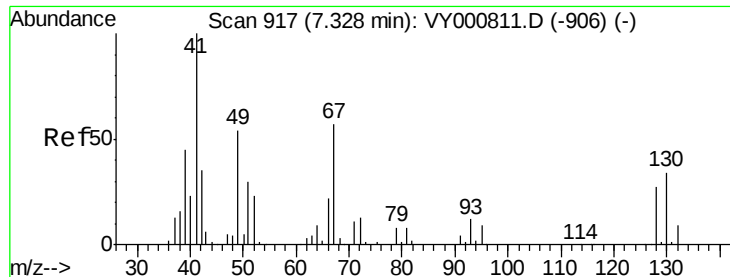
Tgt Ion: 83 Resp: 390631
Ion Ratio Lower Upper
83 100
55 72.2 57.8 86.6
98 48.3 38.6 58.0



#40
Benzene
Concen: 53.319 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 78 Resp: 872697
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

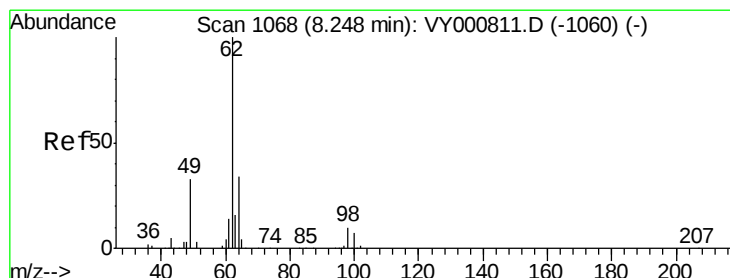
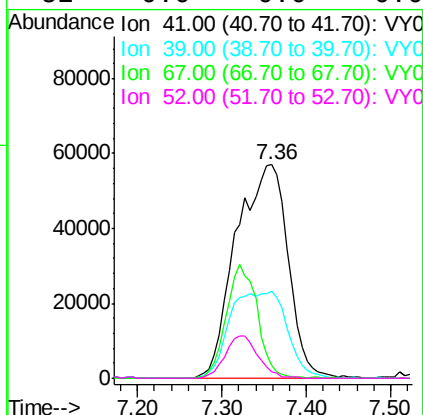
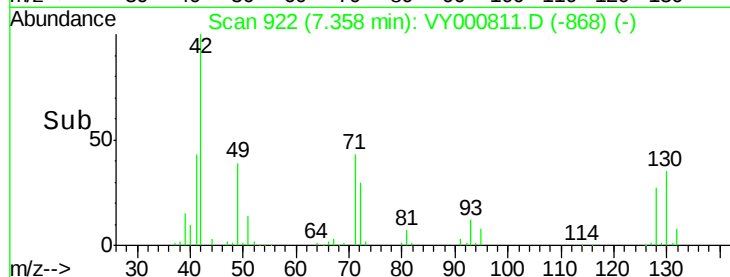
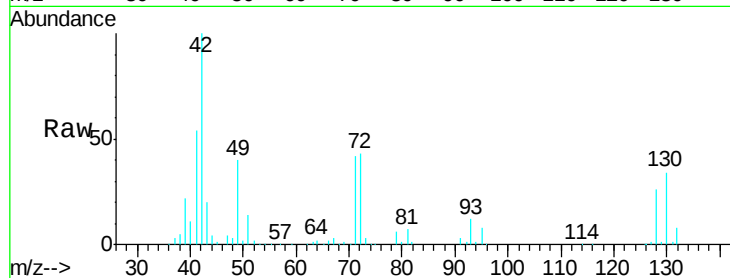




#41
Methacrylonitrile
Concen: 130.308 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

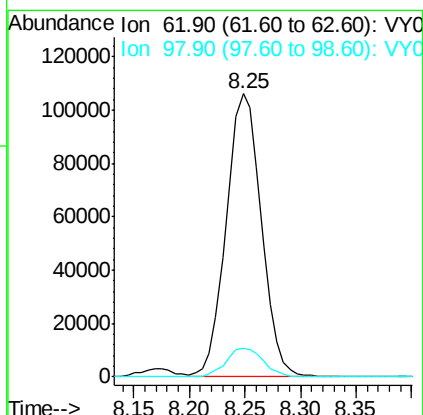
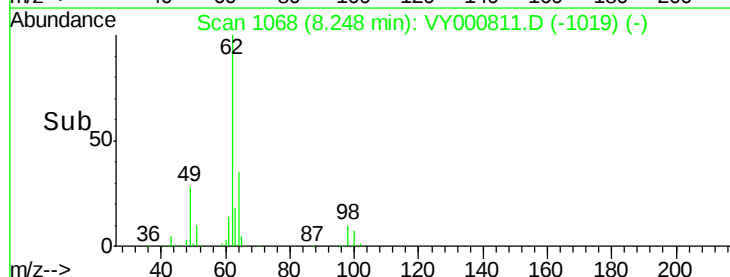
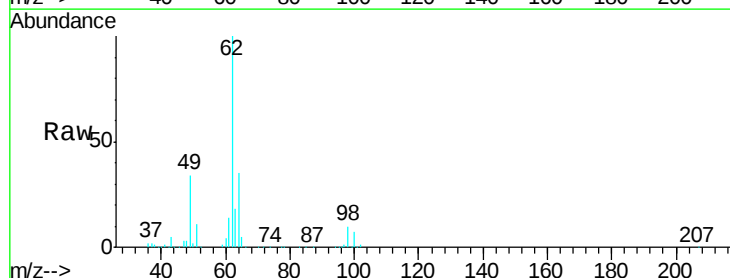
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

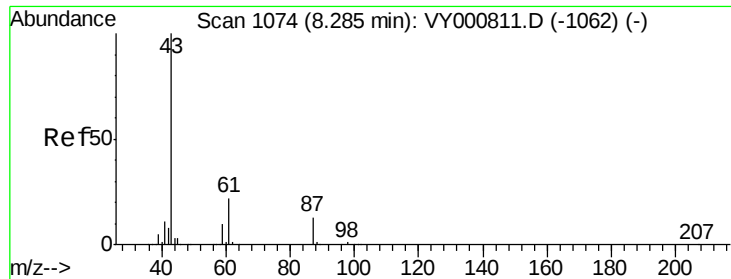
Tgt Ion: 41 Resp: 239889
Ion Ratio Lower Upper
41 100
39 44.7 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.623 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 62 Resp: 231996
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4





#43

Isopropyl Acetate

Concen: 54.371 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

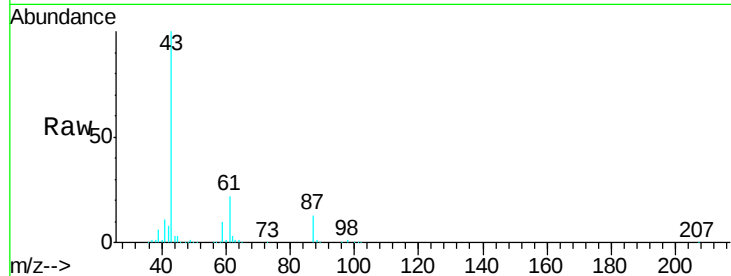
Tgt Ion: 43 Resp: 340981

Ion Ratio Lower Upper

43 100

61 29.6 23.7 35.5

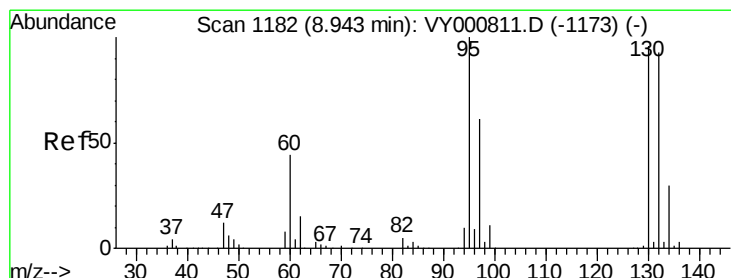
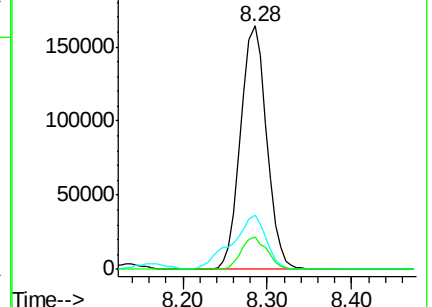
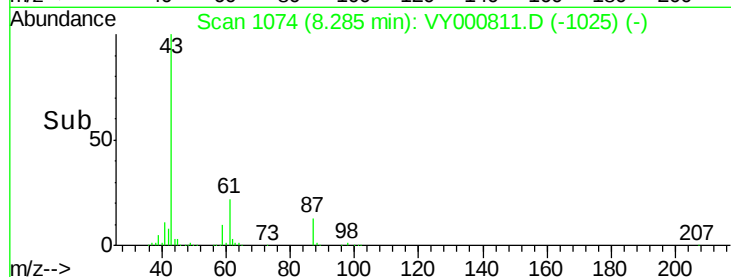
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 51.889 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000811.D

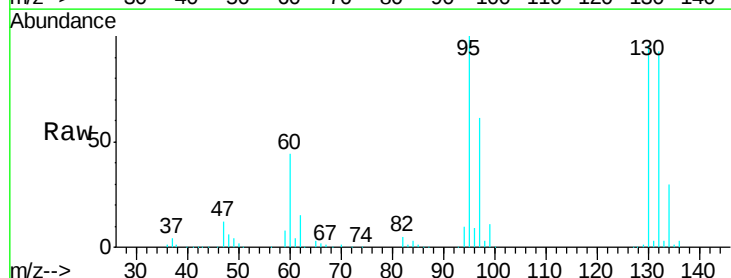
Acq: 27 Nov 2019 11:38

Tgt Ion: 130 Resp: 223121

Ion Ratio Lower Upper

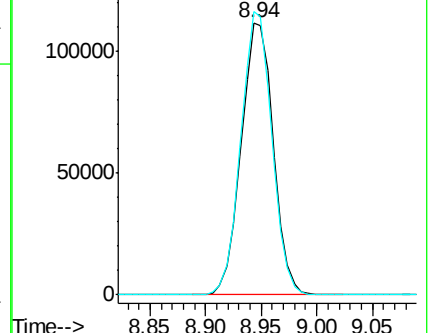
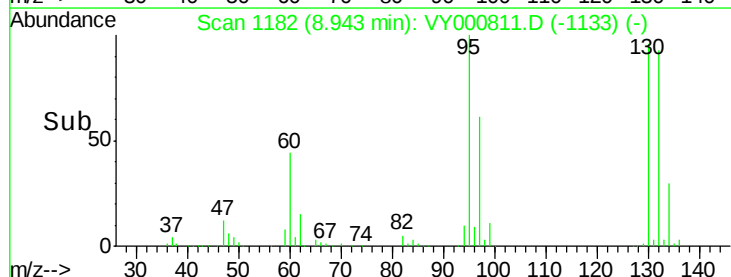
130 100

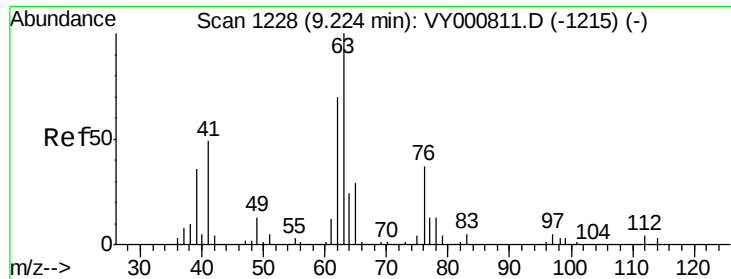
95 103.9 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 55.034 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

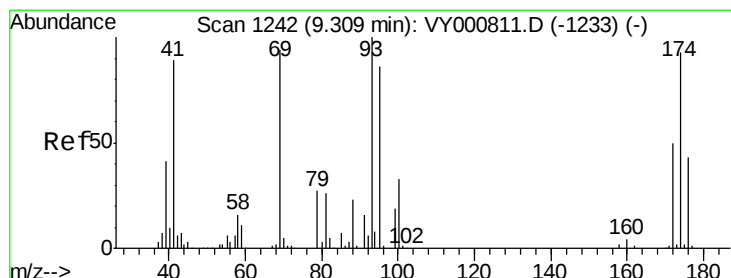
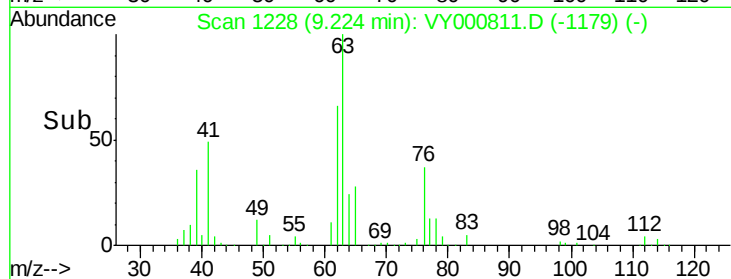
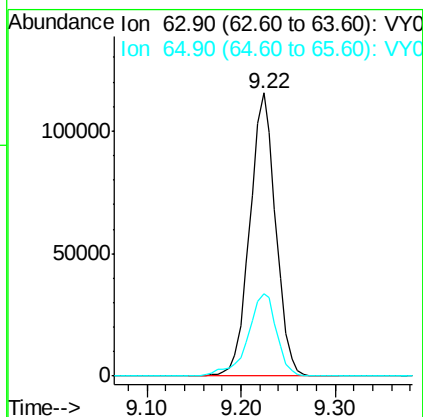
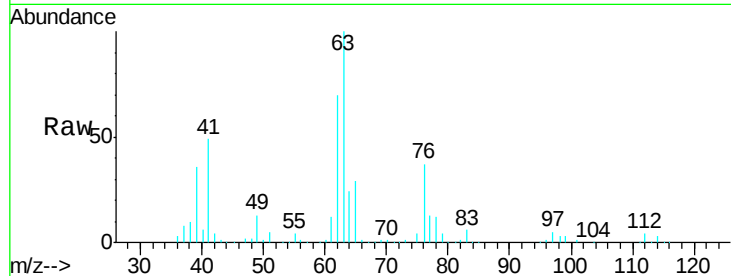
VSTDICCC050

Tgt Ion: 63 Resp: 223212

Ion Ratio Lower Upper

63 100

65 29.0 23.2 34.8



#46

Dibromomethane

Concen: 53.171 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

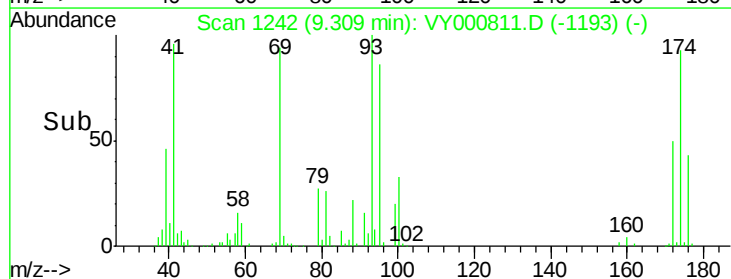
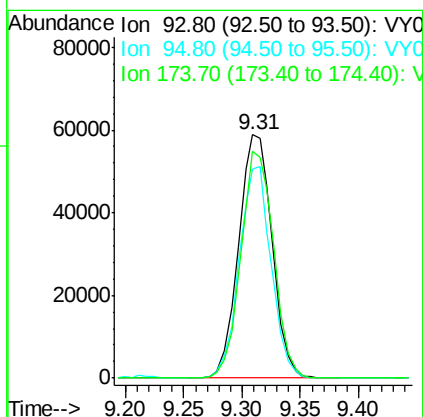
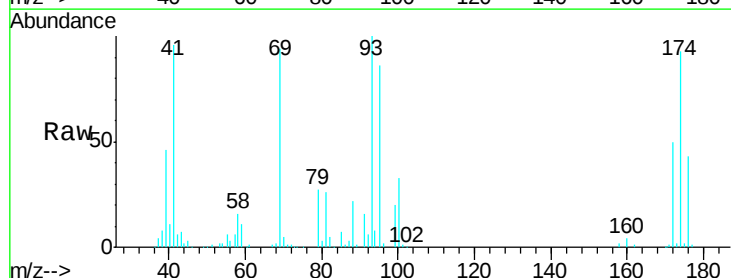
Tgt Ion: 93 Resp: 117672

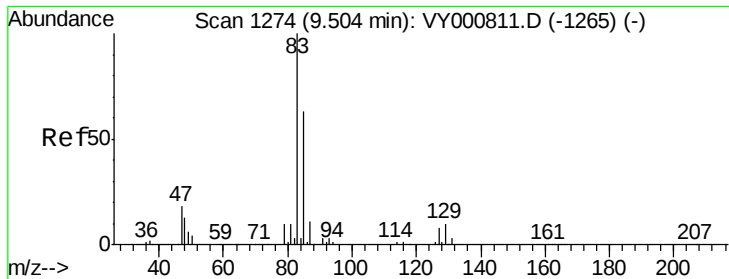
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 91.3 73.0 109.6





#47

Bromodichloromethane

Concen: 52.936 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

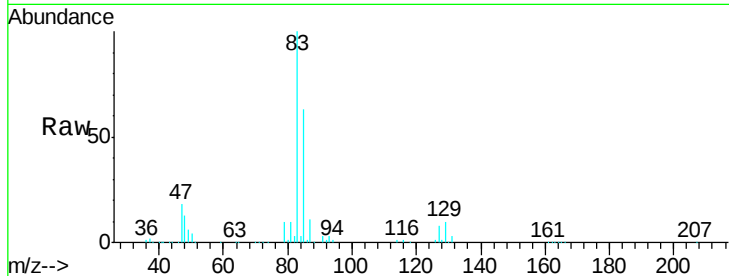
Tgt Ion: 83 Resp: 276277

Ion Ratio Lower Upper

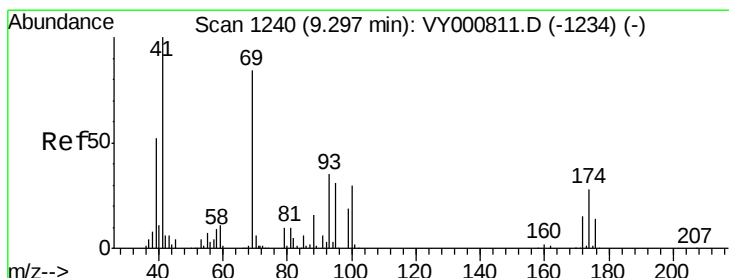
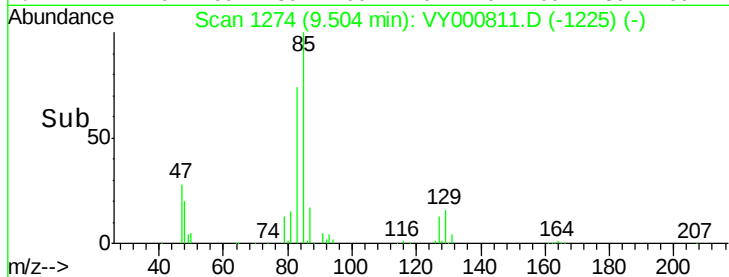
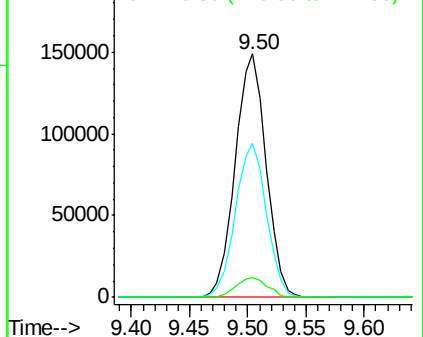
83 100

85 63.5 50.8 76.2

127 8.3 6.6 10.0



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: 56.608 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

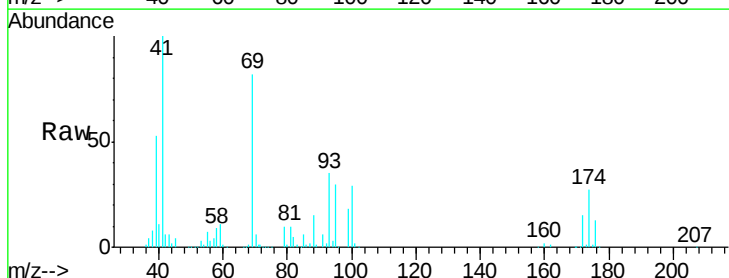
Tgt Ion: 41 Resp: 156478

Ion Ratio Lower Upper

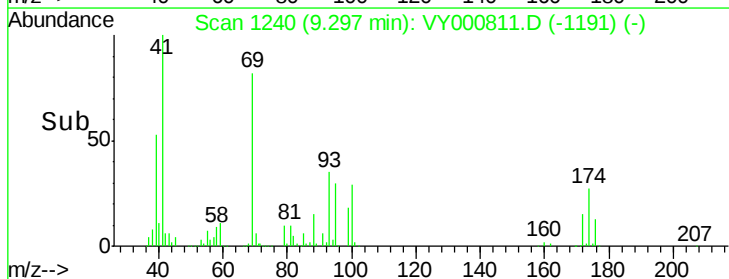
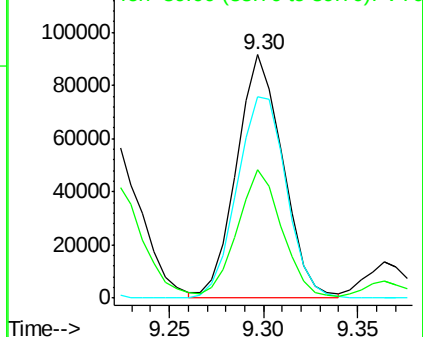
41 100

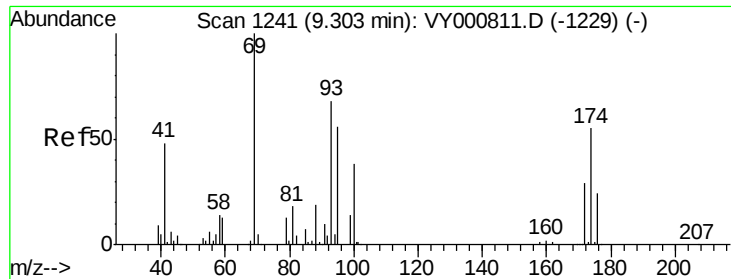
69 88.0 70.4 105.6

39 51.1 40.9 61.3



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

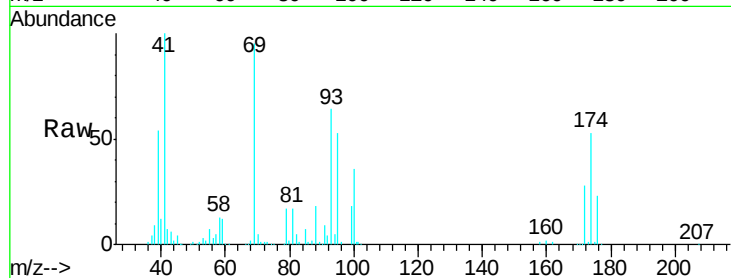




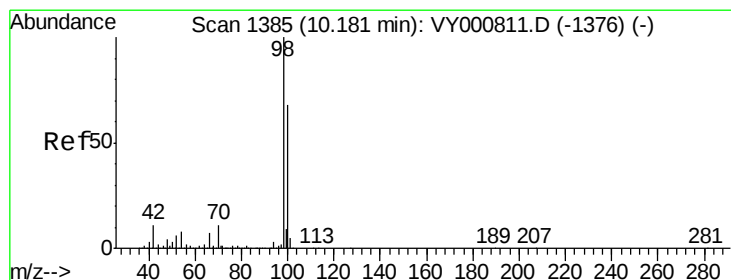
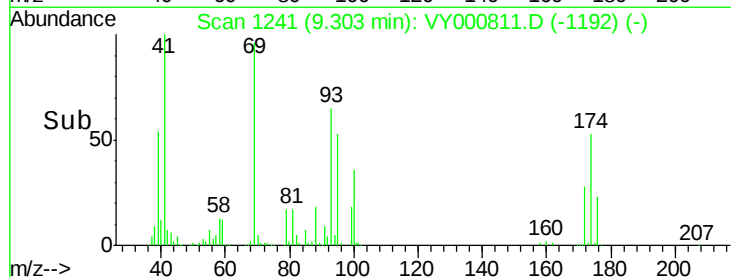
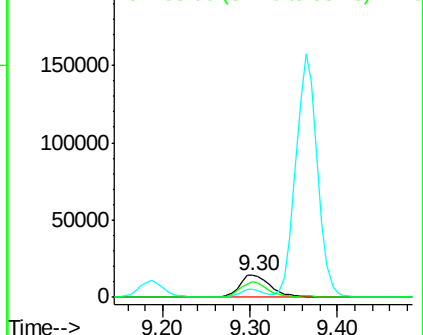
#49
1,4-Dioxane
Concen: 1168.848 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 35440
Ion Ratio Lower Upper
88 100
43 26.4 21.1 31.7
58 63.4 50.7 76.1

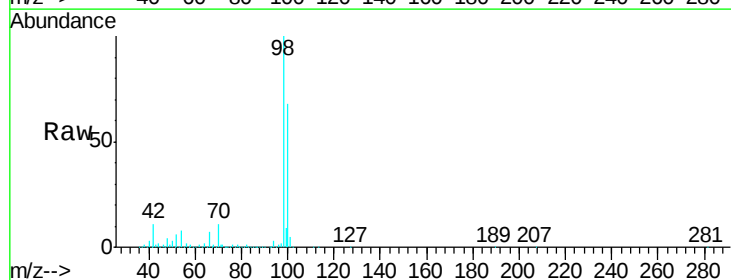


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

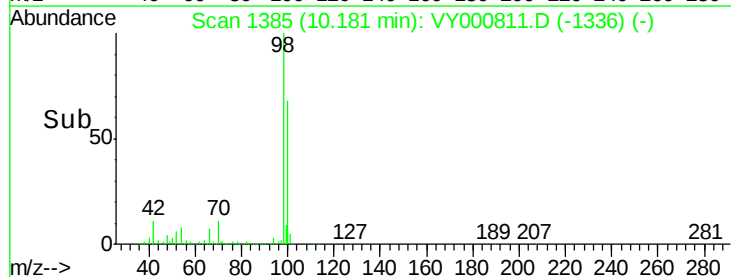
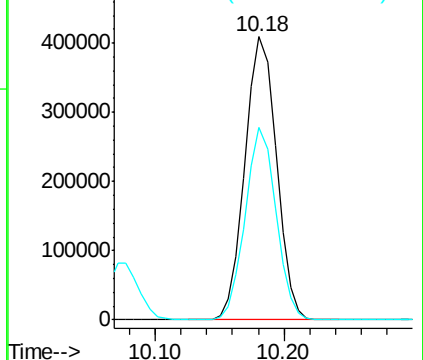


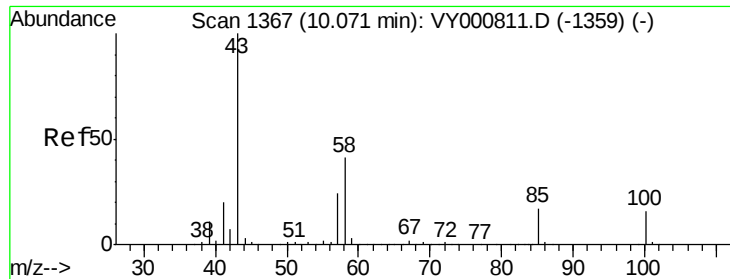
#50
Toluene-d8
Concen: 53.821 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 98 Resp: 692746
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



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

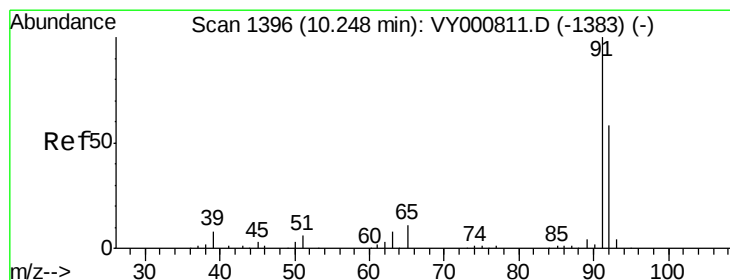
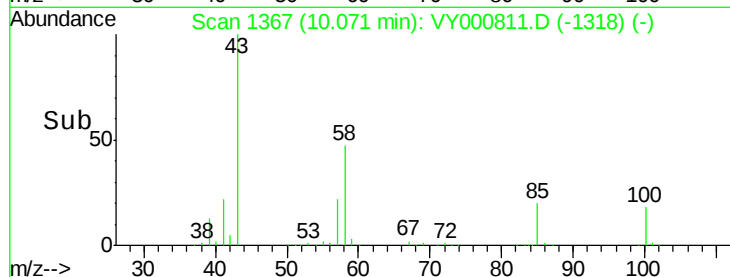
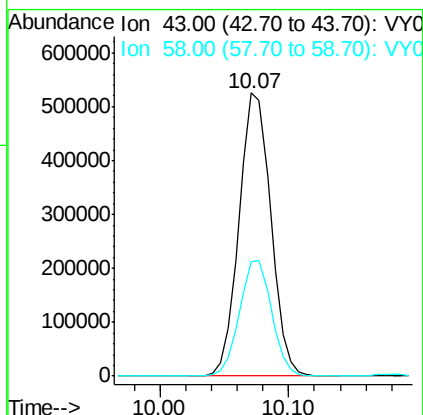
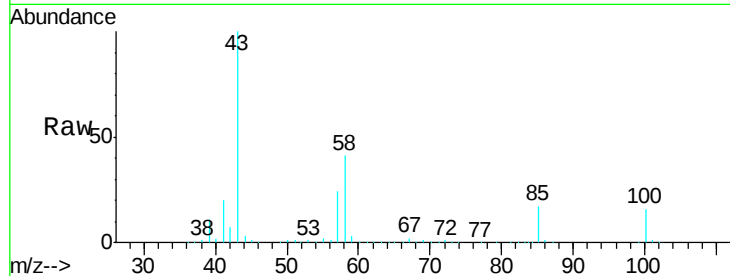




#51
4-Methyl-2-Pentanone
Concen: 270.377 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

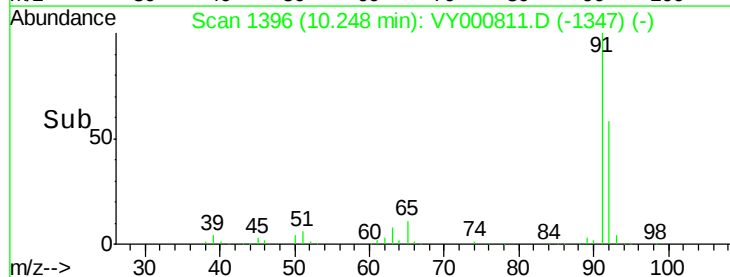
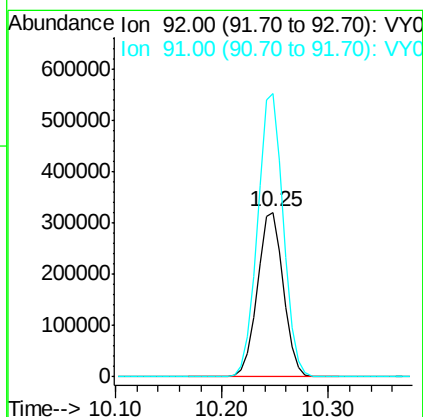
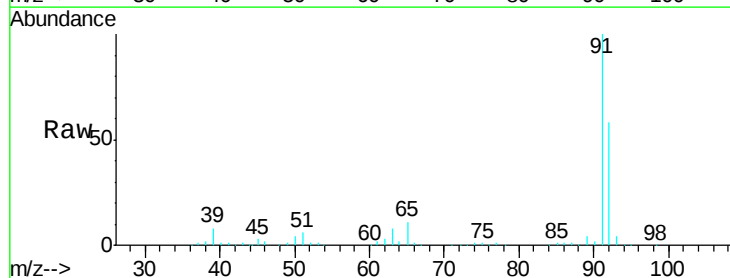
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

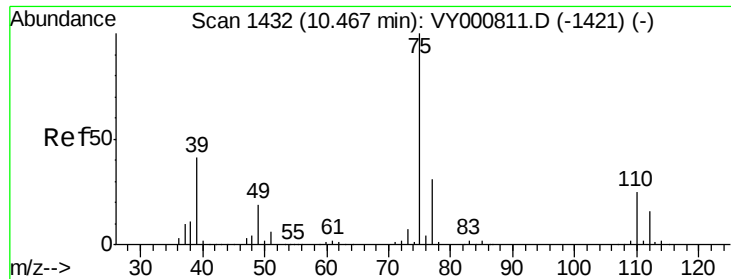
Tgt Ion: 43 Resp: 895889
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7



#52
Toluene
Concen: 53.048 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 92 Resp: 547747
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8

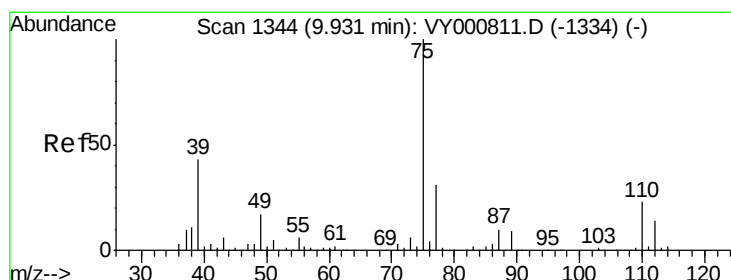
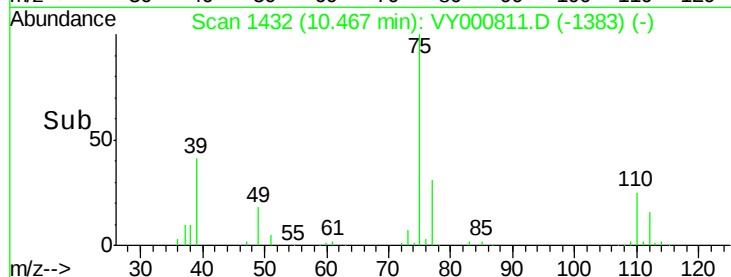
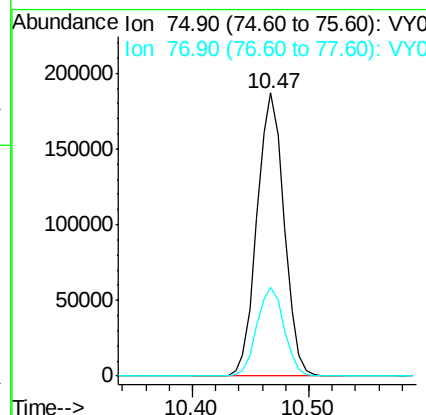
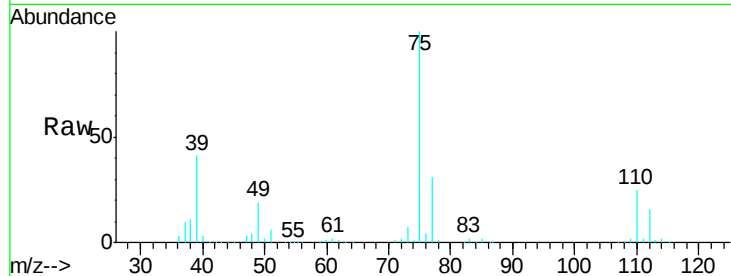




#53
 t-1,3-Dichloropropene
 Concen: 54.565 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

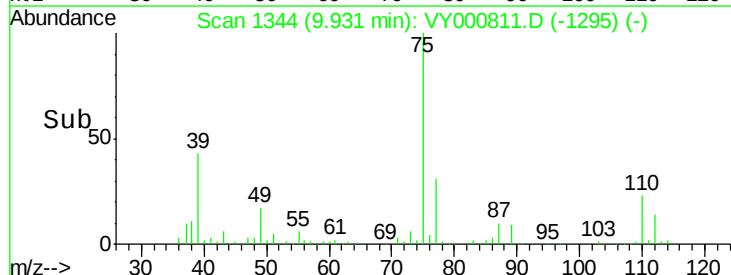
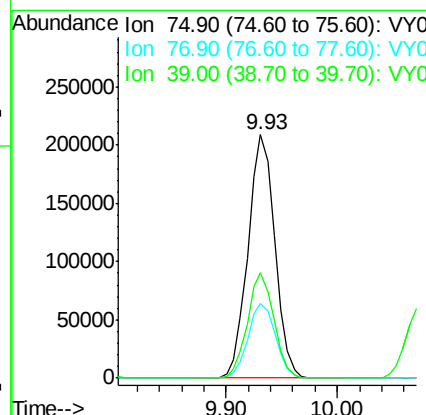
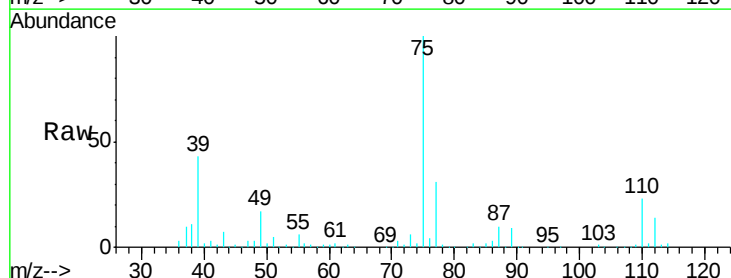
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

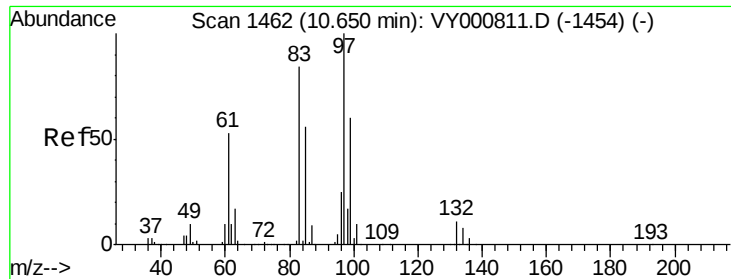
Tgt Ion: 75 Resp: 305142
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.346 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 75 Resp: 349513
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 43.1 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 53.772 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 172475

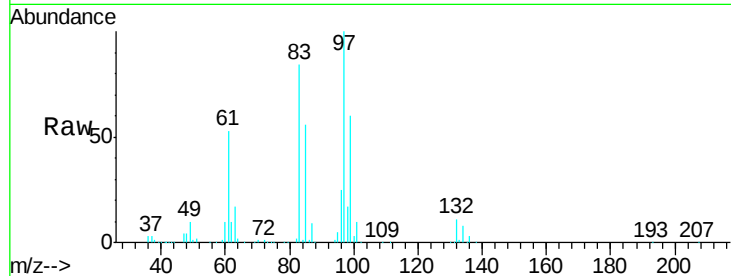
Ion Ratio Lower Upper

97 100

83 84.4 67.5 101.3

85 55.6 44.5 66.7

99 59.6 47.7 71.5



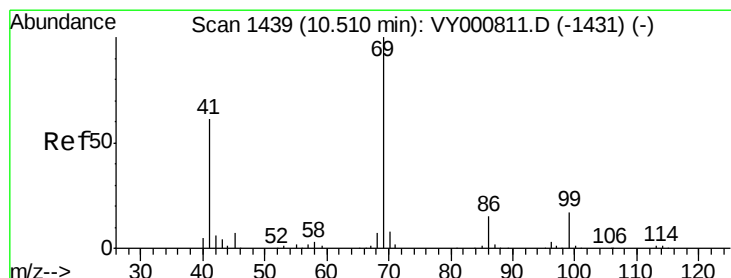
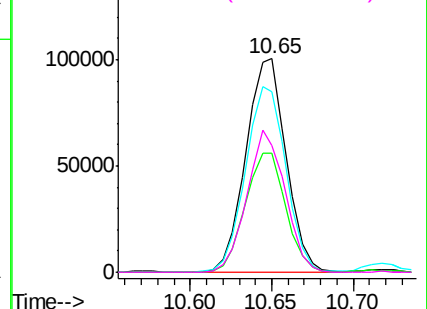
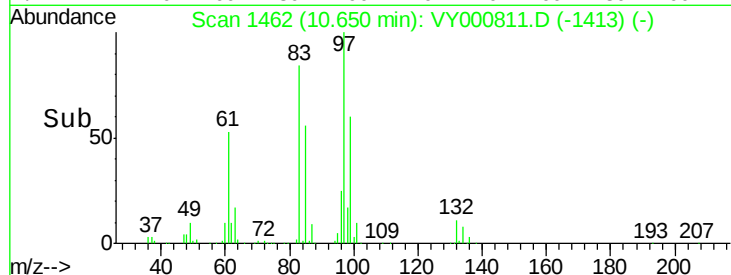
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 57.514 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

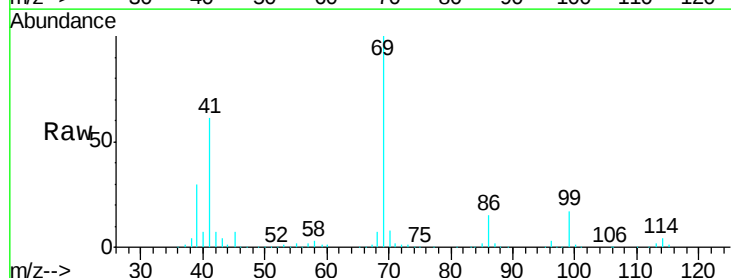
Tgt Ion: 69 Resp: 262970

Ion Ratio Lower Upper

69 100

41 61.3 49.0 73.6

39 28.9 23.1 34.7

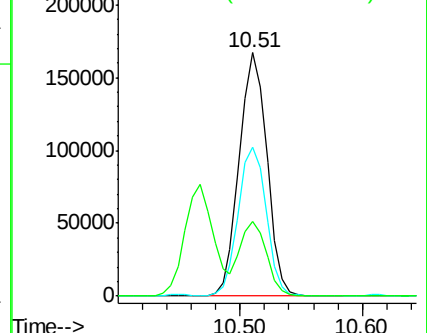
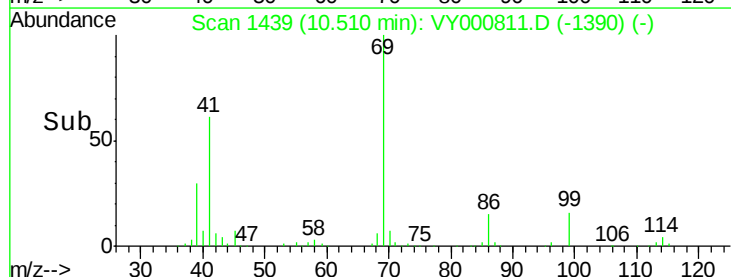


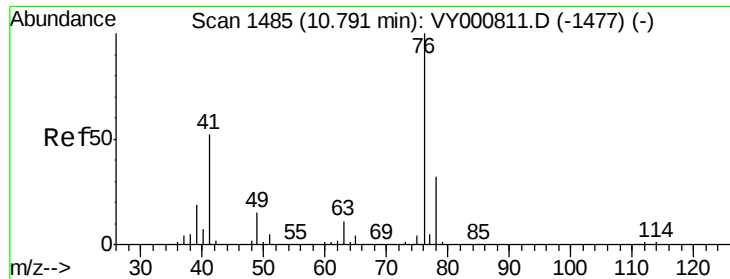
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

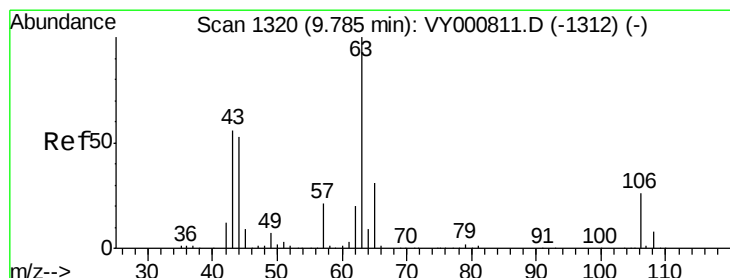
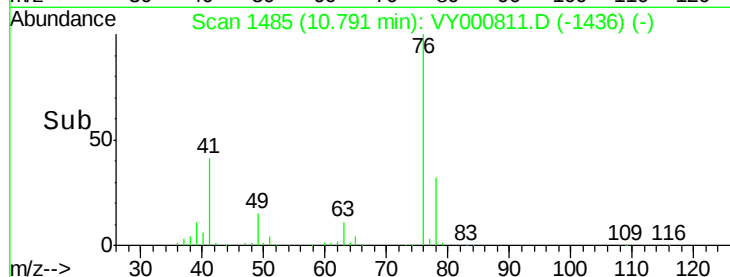
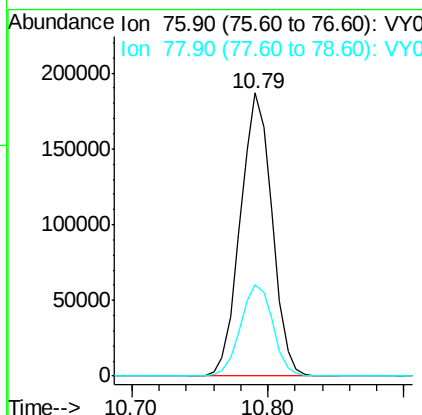
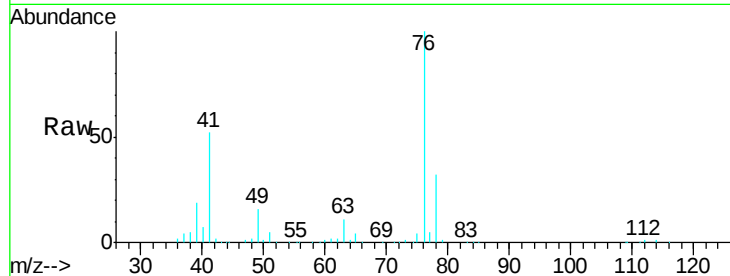




#57
 1,3-Dichloropropane
 Concen: 54.173 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

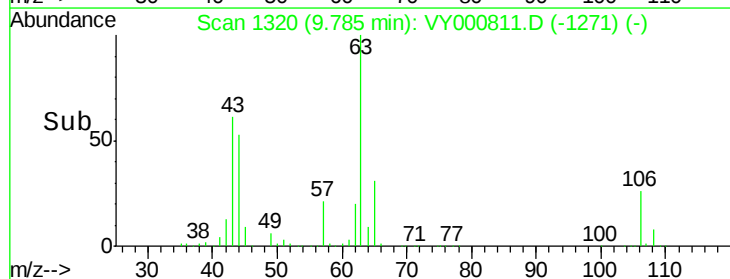
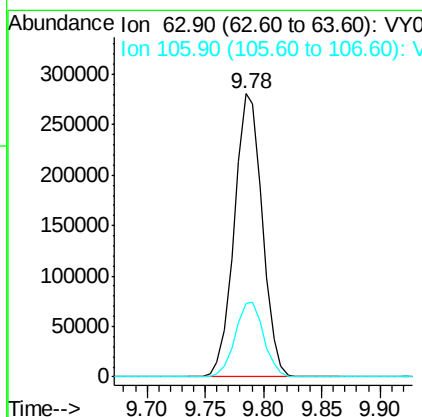
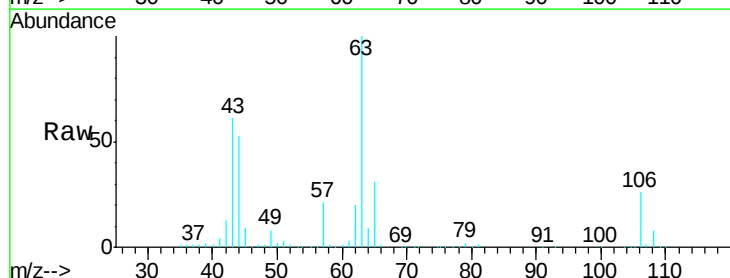
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

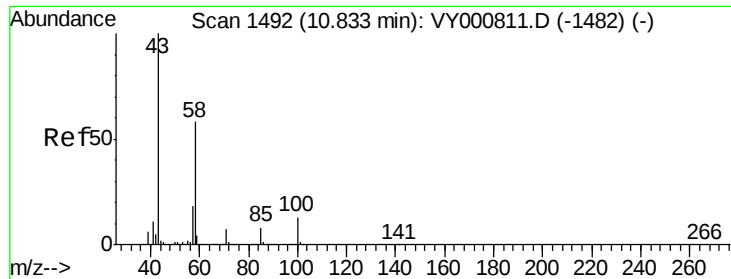
Tgt Ion: 76 Resp: 303870
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.012 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 63 Resp: 470011
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.5 32.3

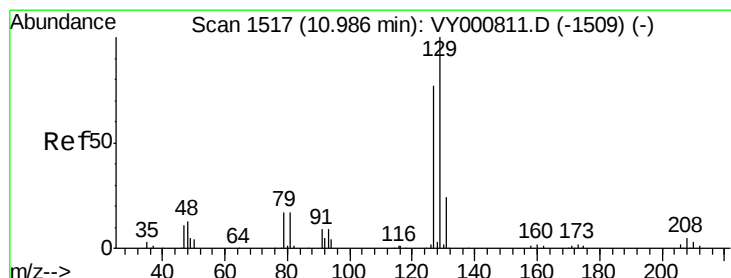
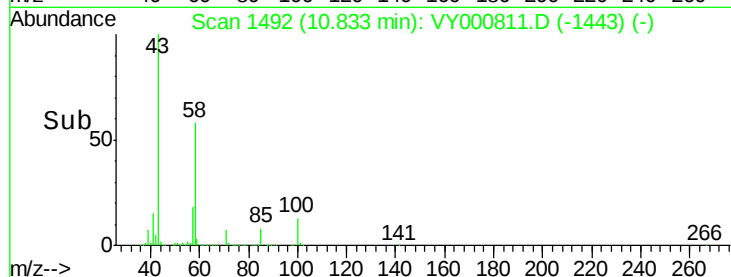
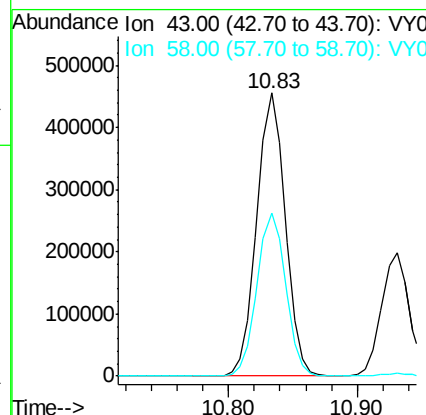
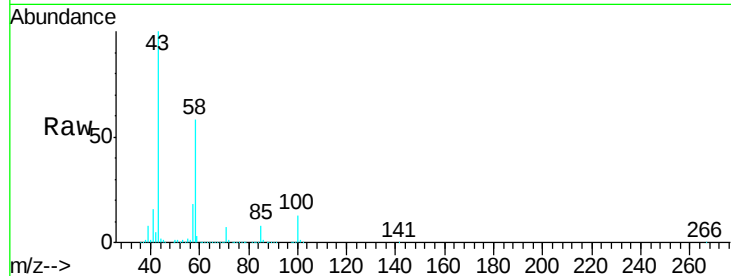




#59
2-Hexanone
Concen: 286.700 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

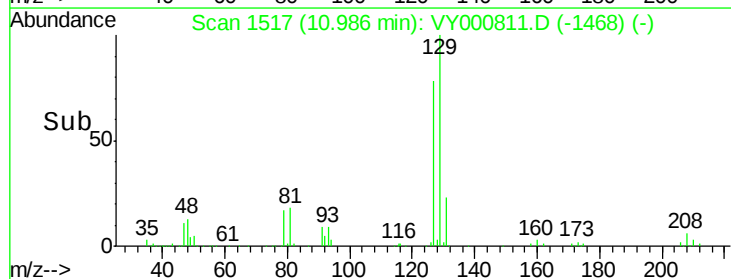
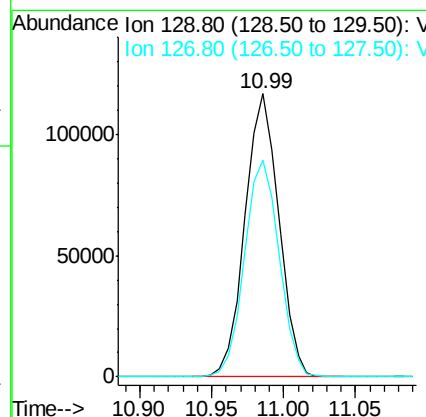
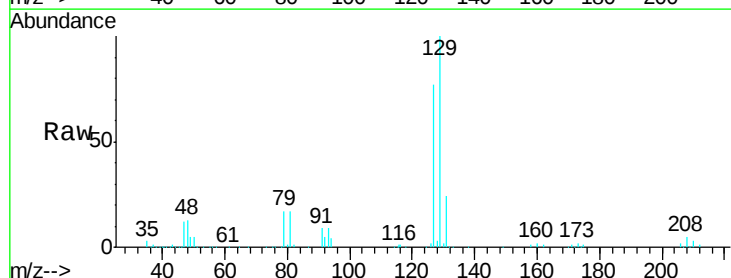
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

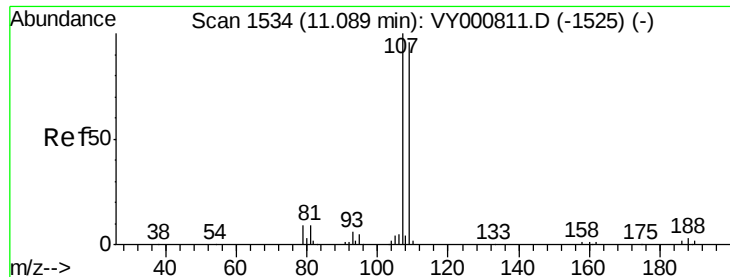
Tgt Ion: 43 Resp: 695561
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 52.348 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 129 Resp: 190349
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

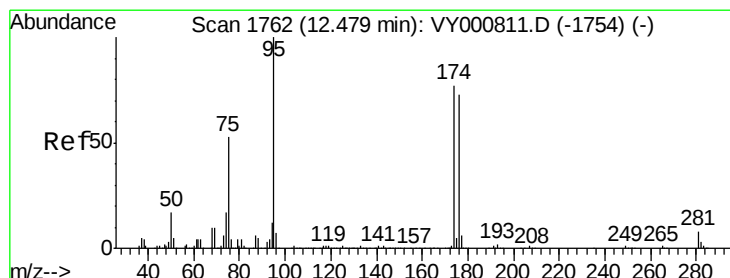
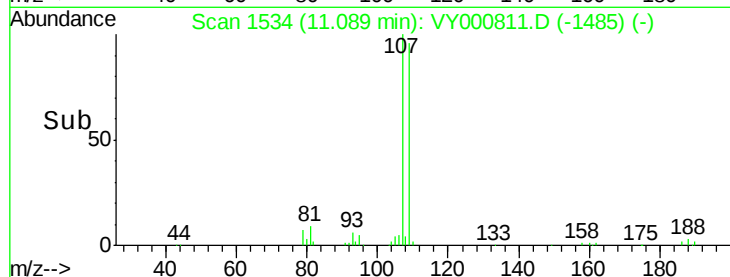
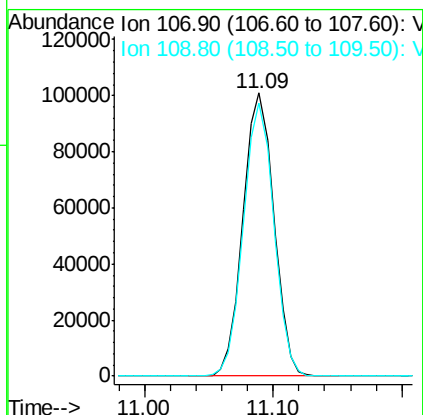
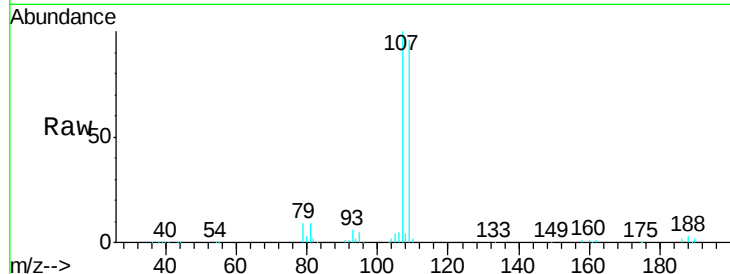




#61
 1,2-Dibromoethane
 Concen: 54.427 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

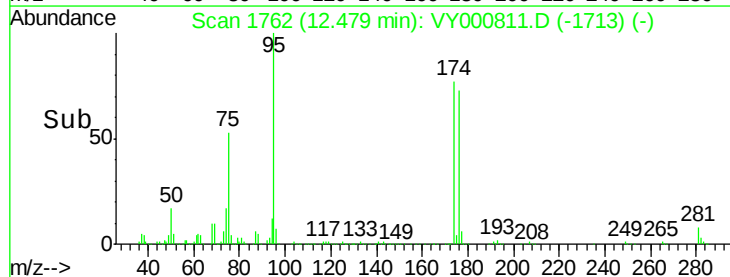
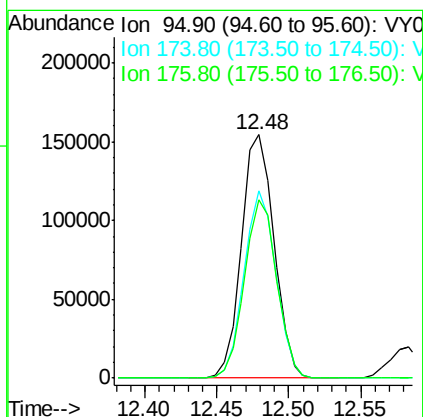
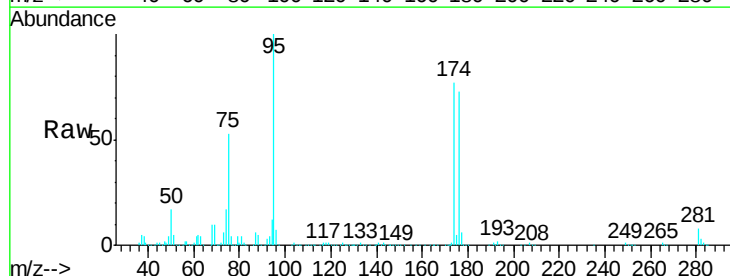
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

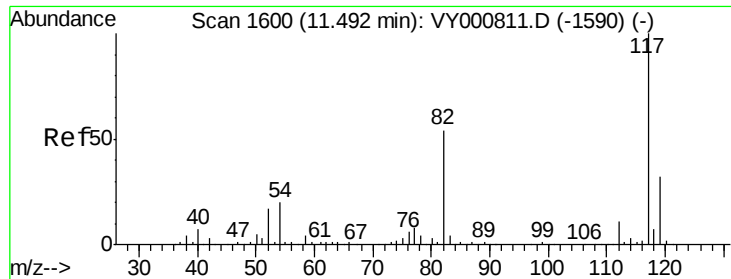
Tgt Ion: 107 Resp: 167418
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.525 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 95 Resp: 241979
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 72.6 0.0 145.2

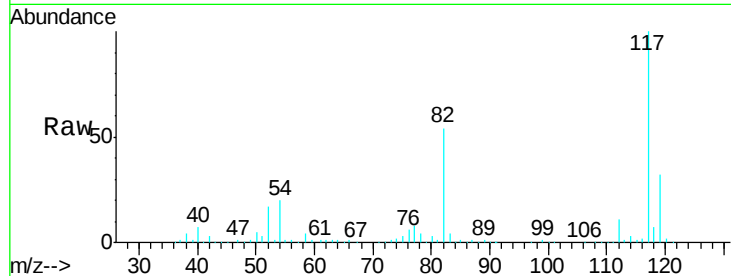




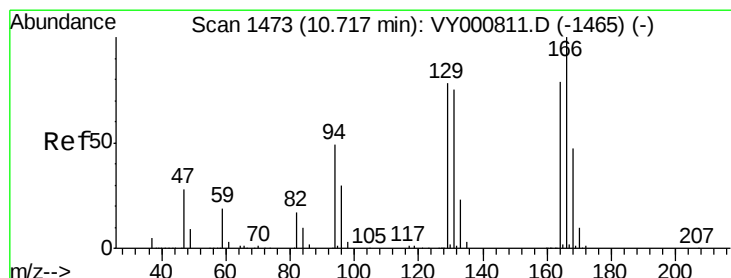
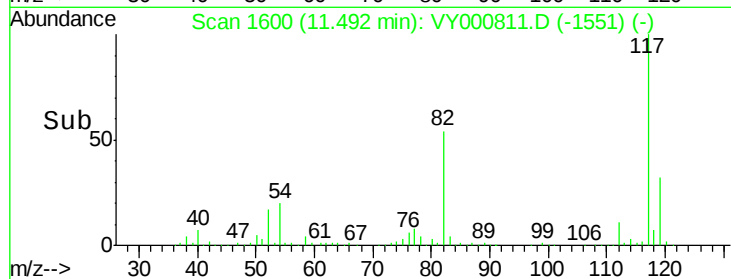
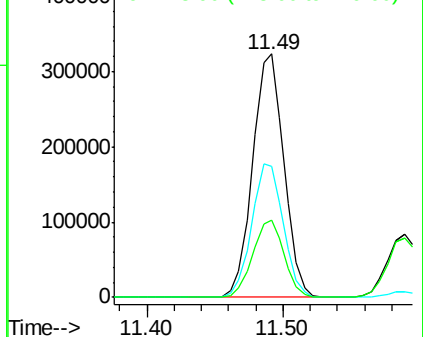
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 521790
Ion Ratio Lower Upper
117 100
82 53.9 43.1 64.7
119 31.6 25.3 37.9



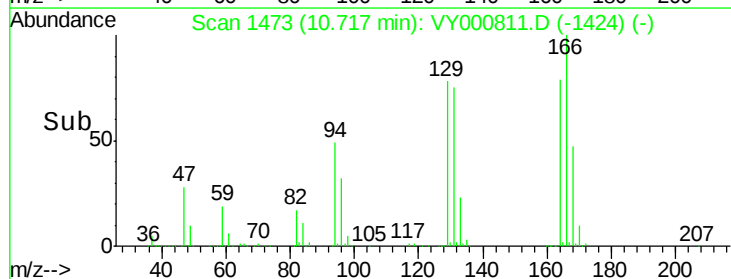
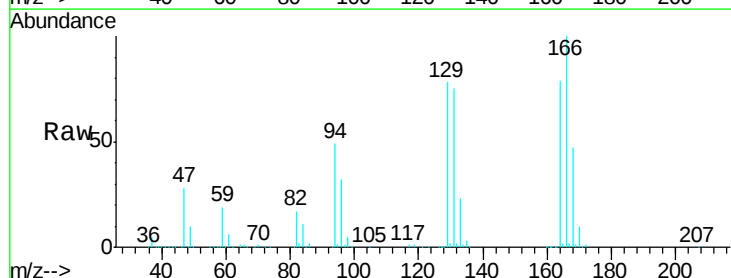
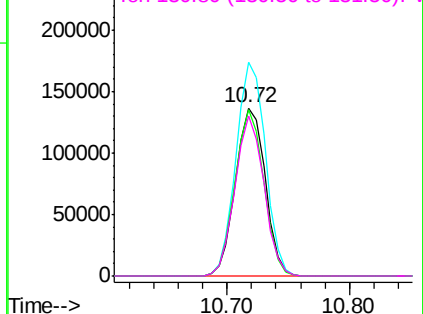
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

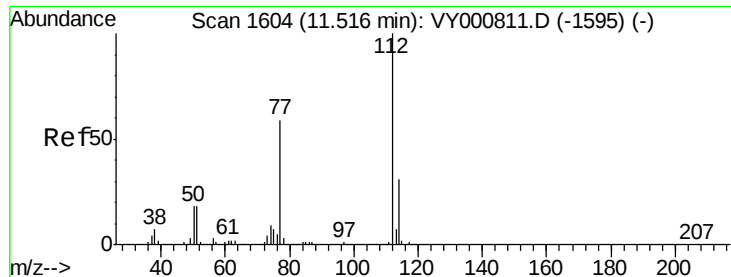


#64
Tetrachloroethene
Concen: 52.767 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion:164 Resp: 230253
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 99.1 79.3 118.9
131 95.5 76.4 114.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

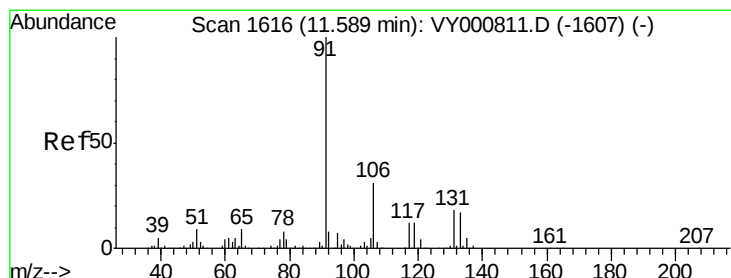
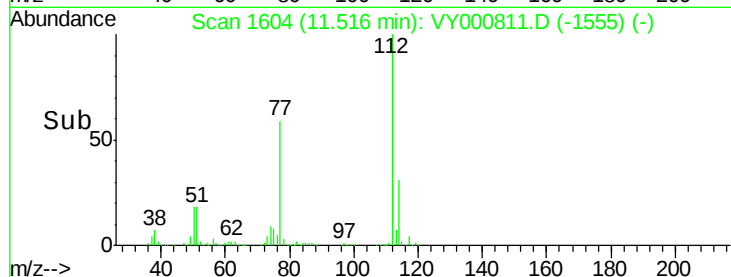
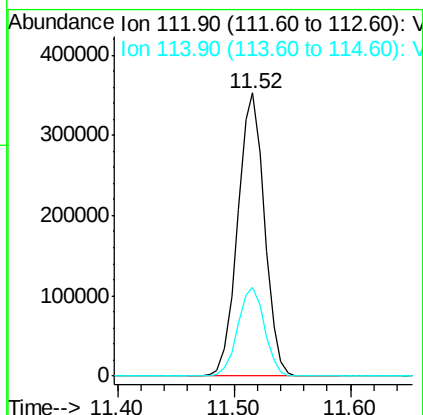
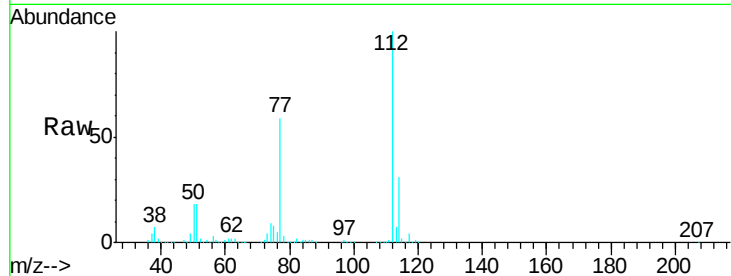




#65
Chlorobenzene
Concen: 52.710 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

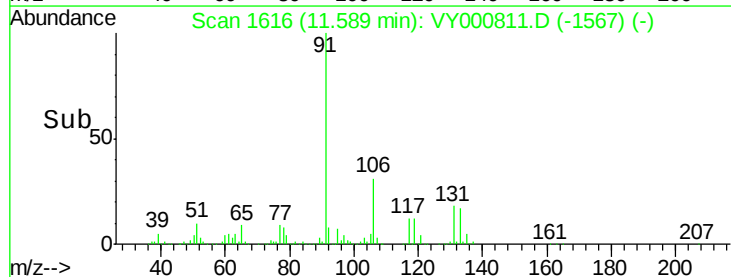
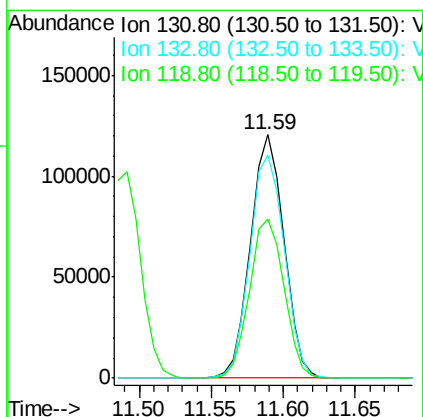
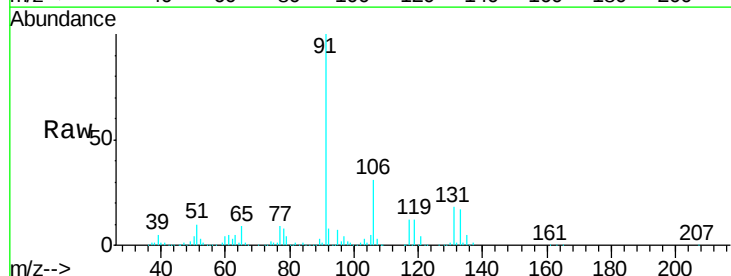
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 564290
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.475 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion:131 Resp: 193275
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 67.5 33.8 101.3

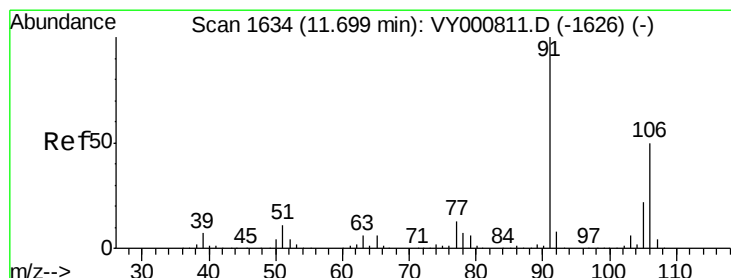
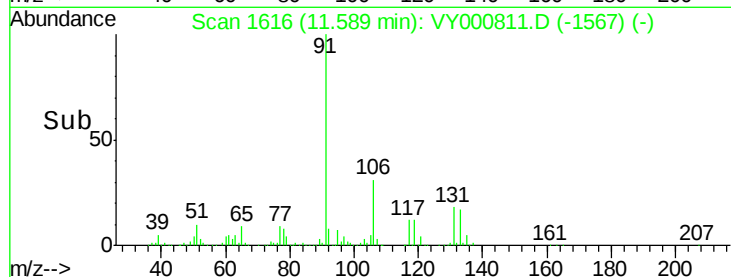
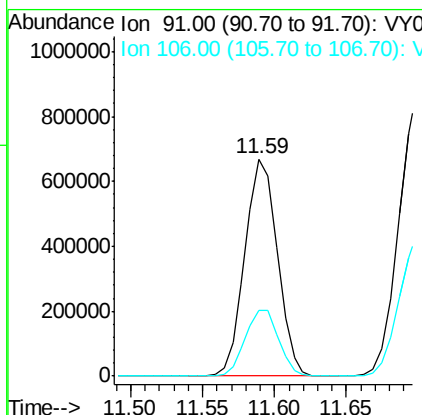
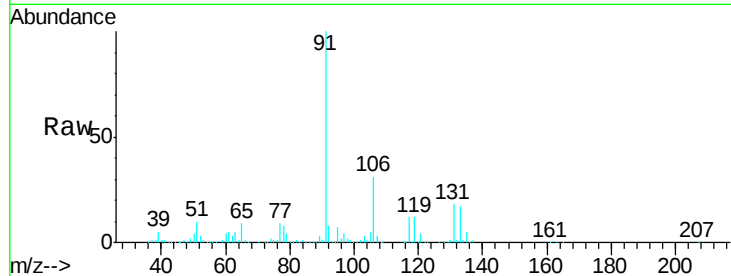




#67
Ethyl Benzene
Concen: 53.411 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

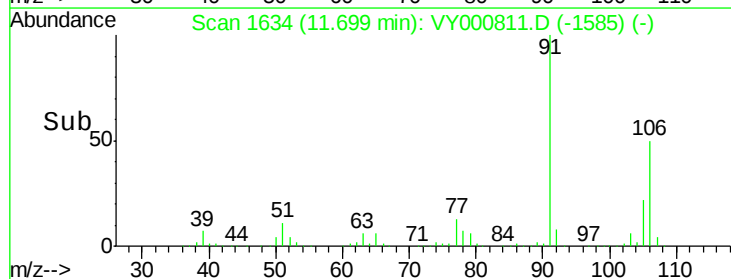
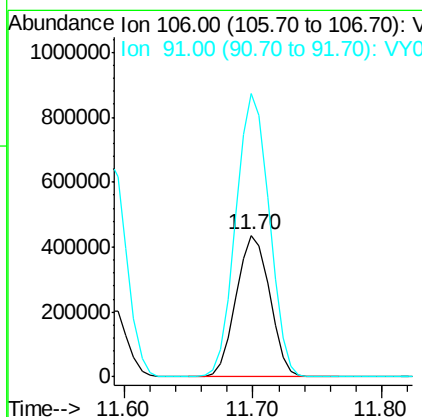
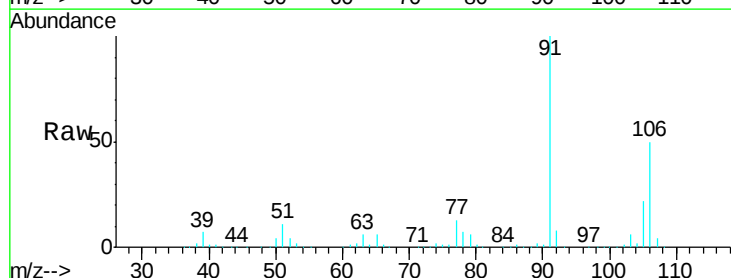
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

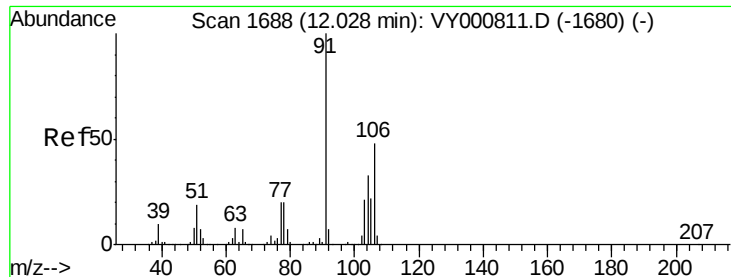
Tgt Ion: 91 Resp: 1049509
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 104.504 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 106 Resp: 789211
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4

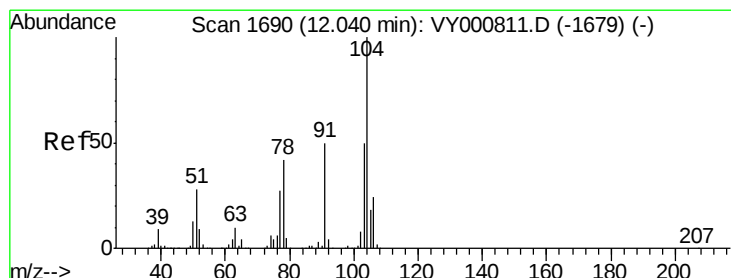
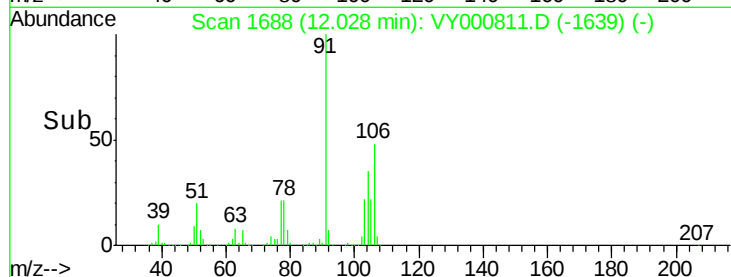
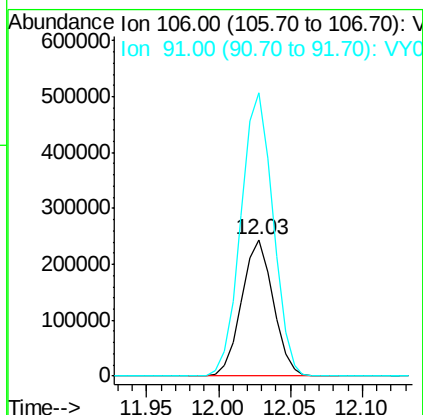
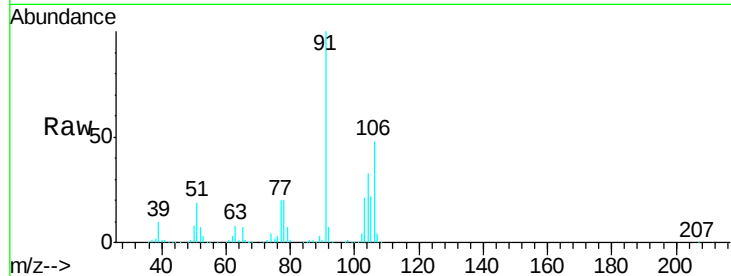




#69
o-Xylene
Concen: 51.953 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

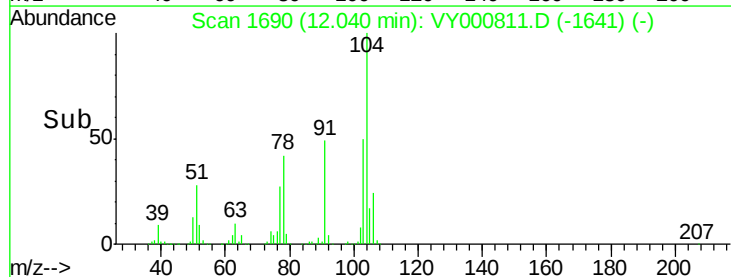
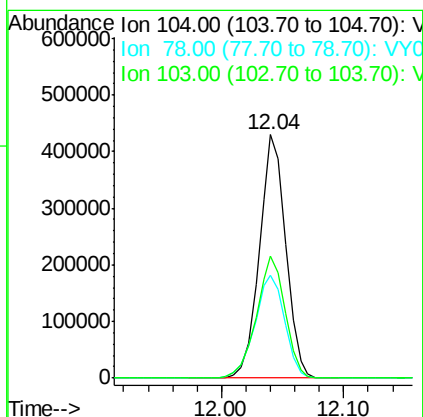
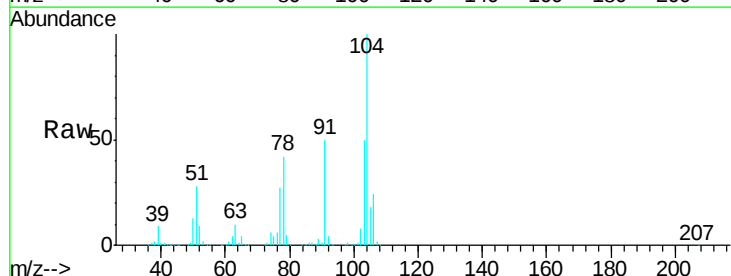
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

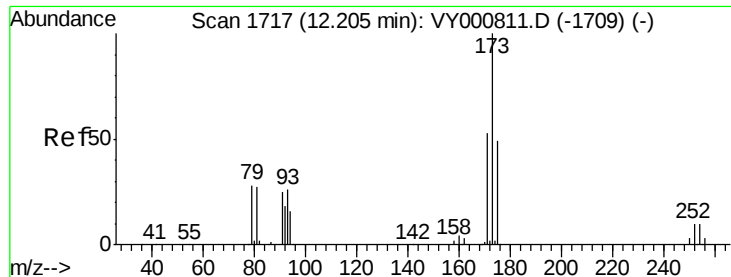
Tgt Ion:106 Resp: 370537
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1



#70
Styrene
Concen: 52.951 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion:104 Resp: 645292
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 54.2 43.4 65.0





#71

Bromoform

Concen: 53.648 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

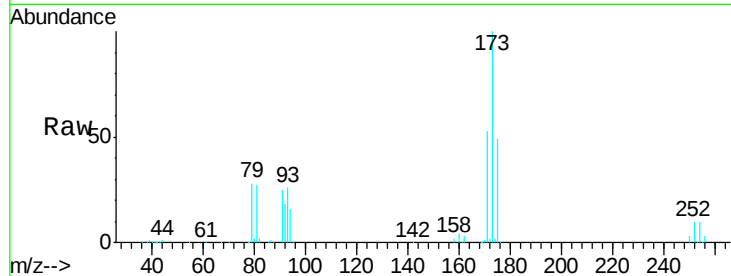
Tgt Ion:173 Resp: 113779

Ion Ratio Lower Upper

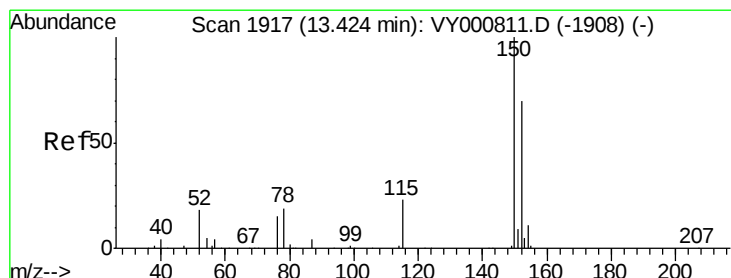
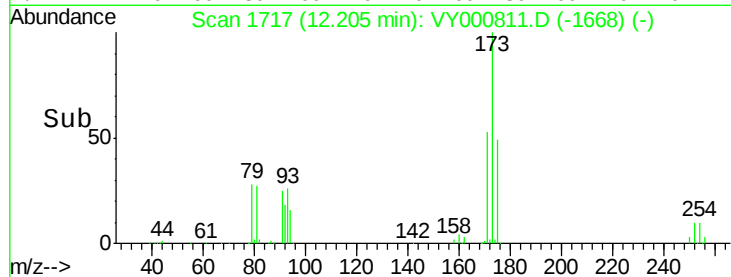
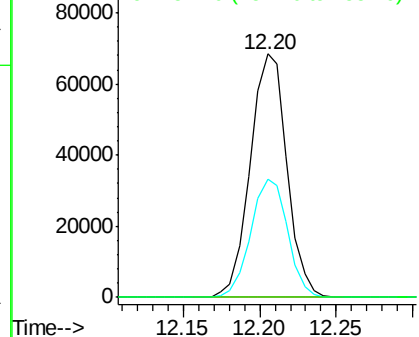
173 100

175 49.0 24.5 73.5

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# 1917

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

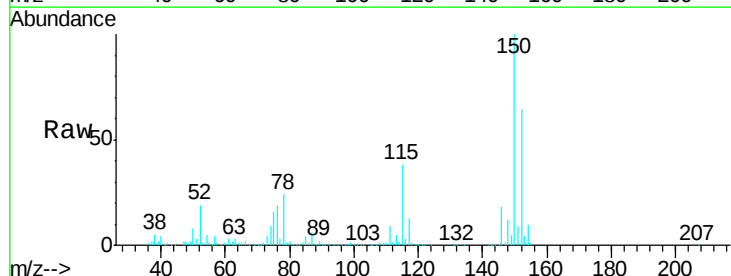
Tgt Ion:152 Resp: 246313

Ion Ratio Lower Upper

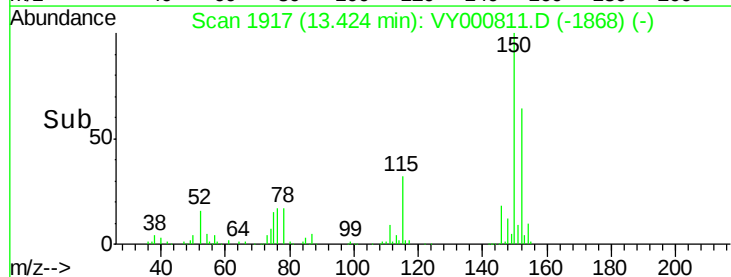
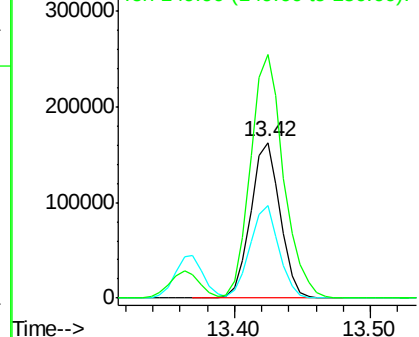
152 100

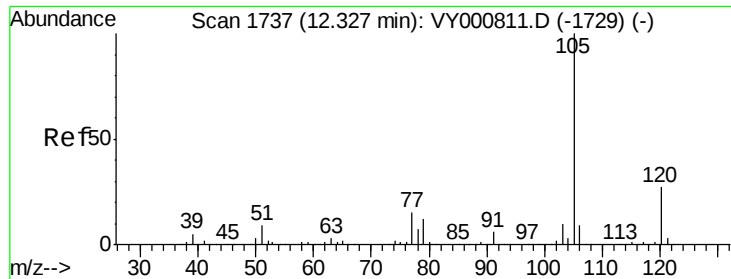
115 58.5 29.3 87.8

150 175.6 0.0 351.2



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: 54.108 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

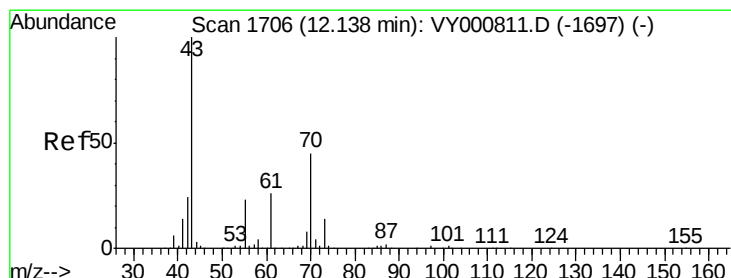
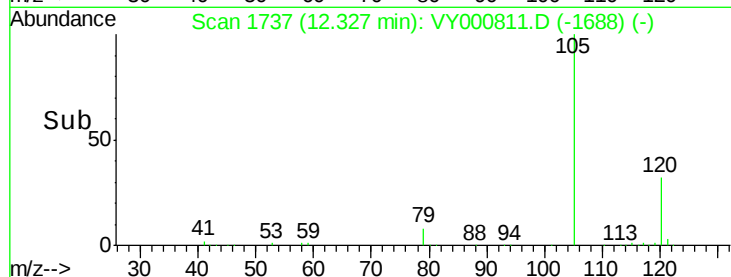
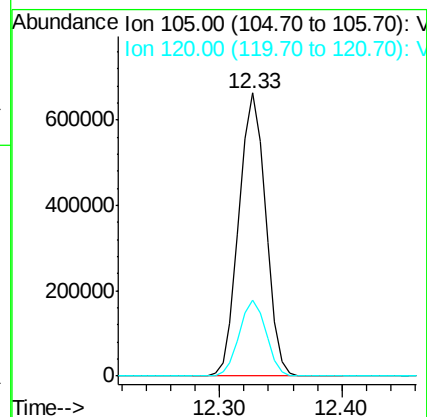
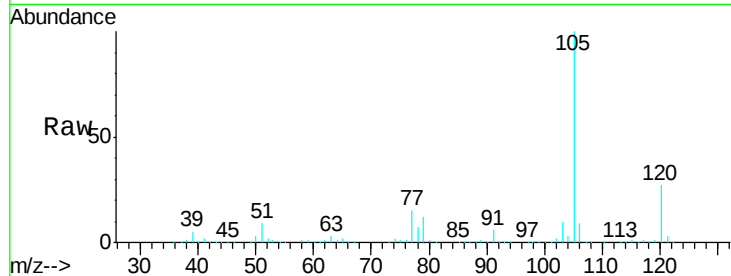
VSTDICCC050

Tgt Ion:105 Resp: 1003823

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 55.428 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Tgt Ion: 43 Resp: 294624

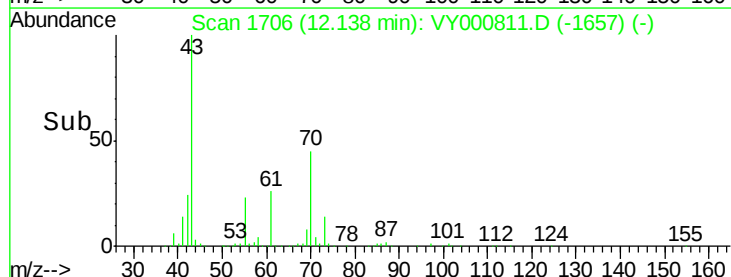
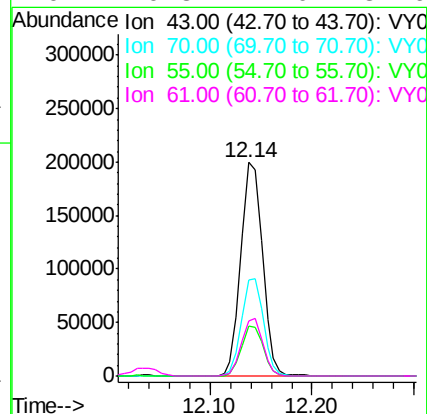
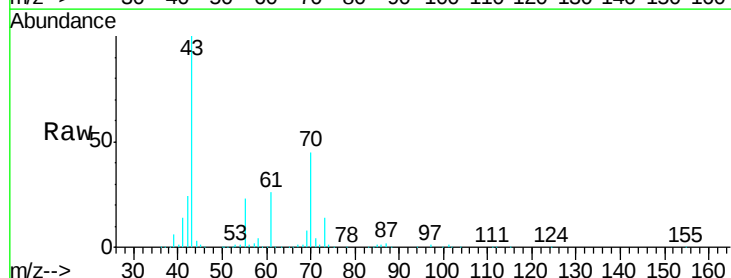
Ion Ratio Lower Upper

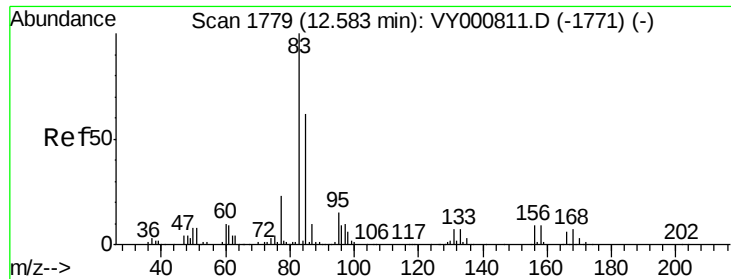
43 100

70 45.7 36.6 54.8

55 23.5 18.8 28.2

61 26.3 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.243 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

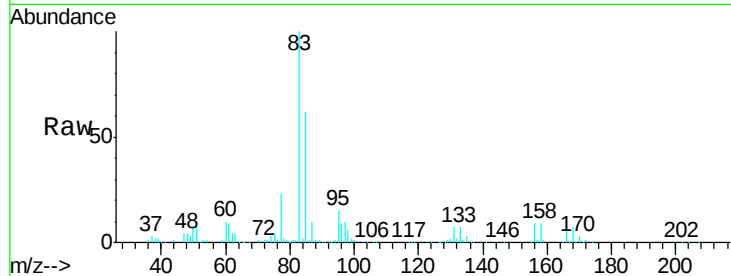
Tgt Ion: 83 Resp: 209035

Ion Ratio Lower Upper

83 100

131 8.7 4.3 13.1

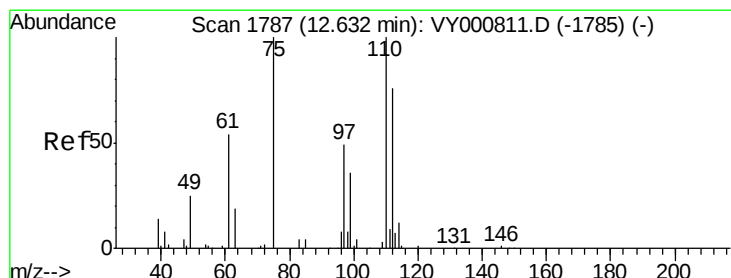
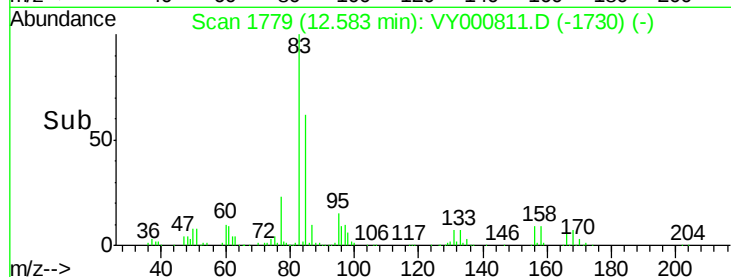
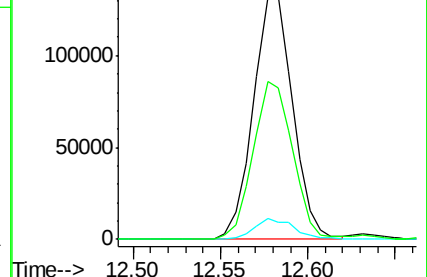
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY000811.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000811.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000811.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 103.546 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000811.D

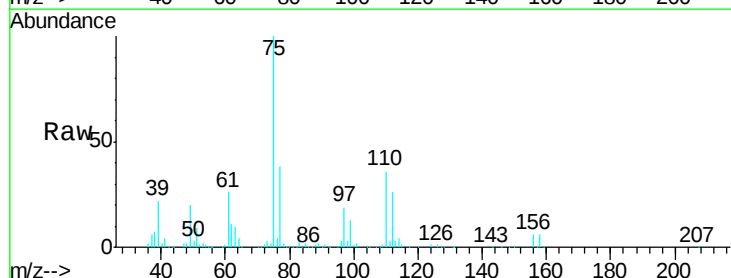
Acq: 27 Nov 2019 11:38

Tgt Ion: 75 Resp: 286517

Ion Ratio Lower Upper

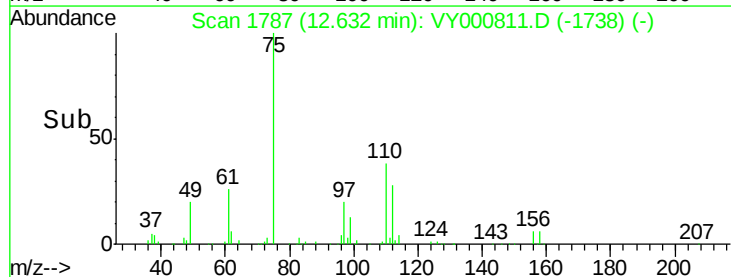
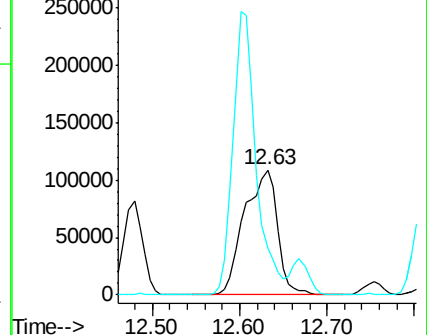
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000811.D (-1785) (-)





#77

Bromobenzene

Concen: 52.845 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

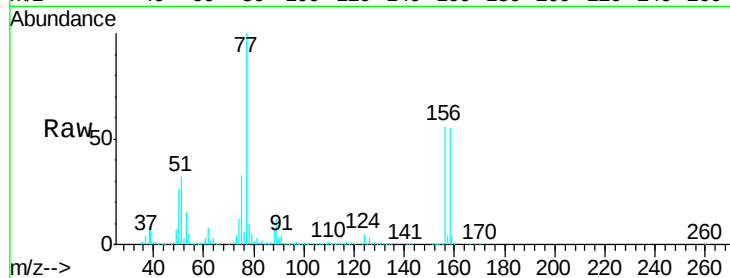
Tgt Ion:156 Resp: 221676

Ion Ratio Lower Upper

156 100

77 205.1 102.6 307.7

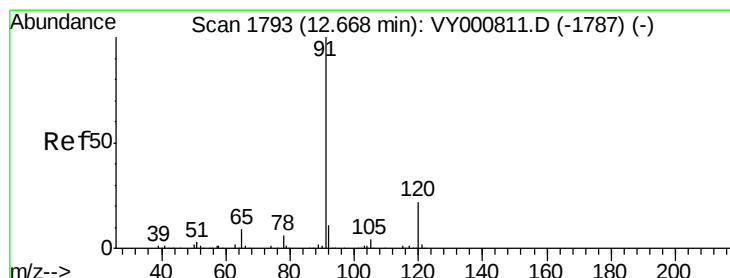
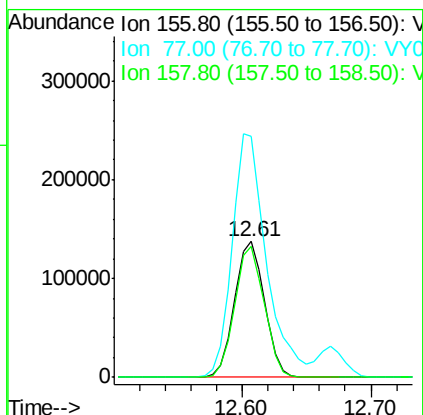
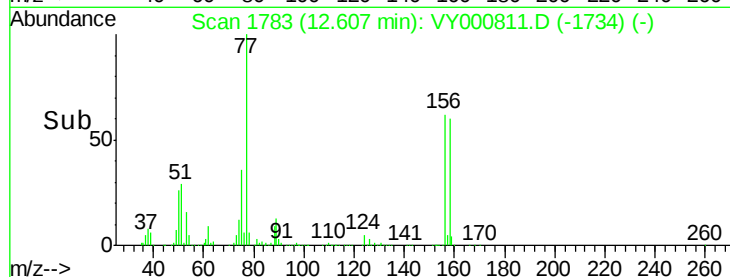
158 95.2 47.6 142.8



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: 54.916 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000811.D

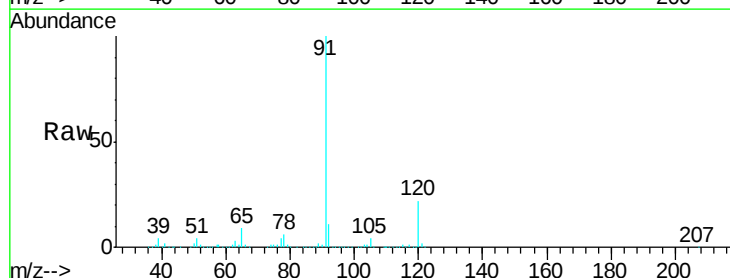
Acq: 27 Nov 2019 11:38

Tgt Ion: 91 Resp: 1231140

Ion Ratio Lower Upper

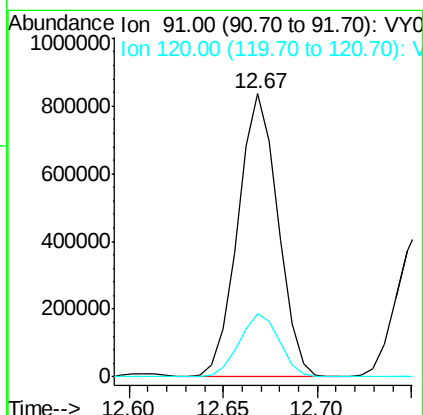
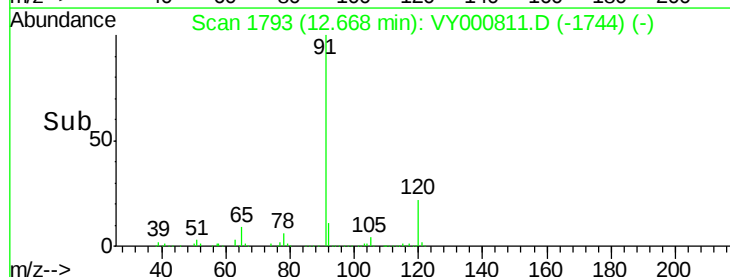
91 100

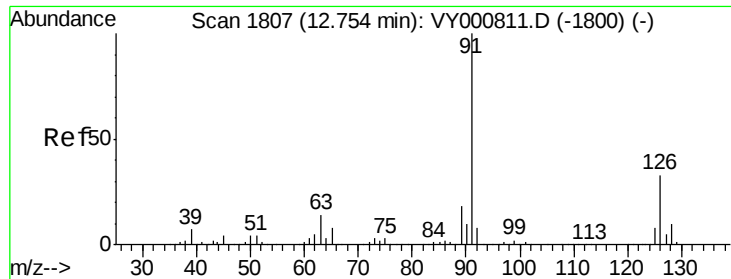
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.117 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

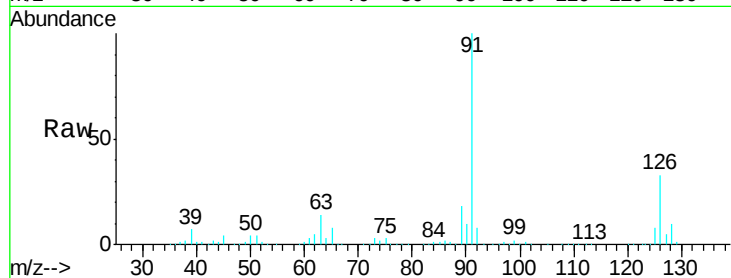
VSTDICCC050

Tgt Ion: 91 Resp: 673274

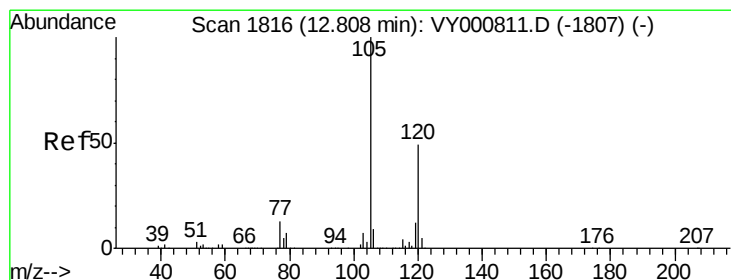
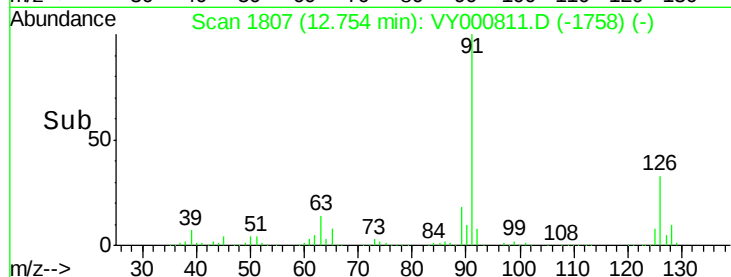
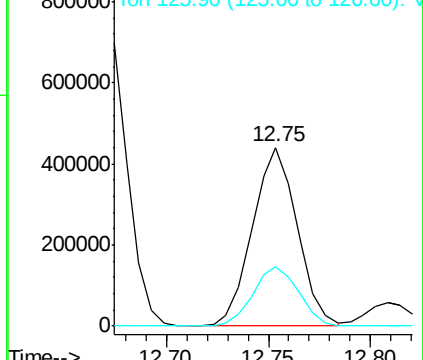
Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.060 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000811.D

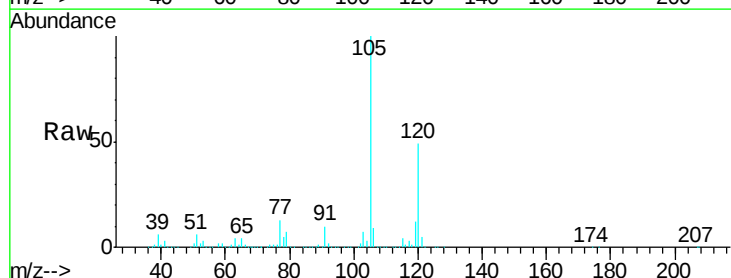
Acq: 27 Nov 2019 11:38

Tgt Ion: 105 Resp: 832742

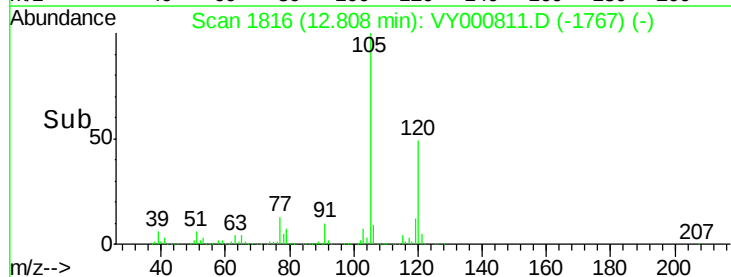
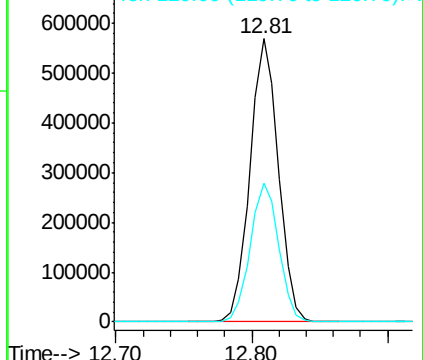
Ion Ratio Lower Upper

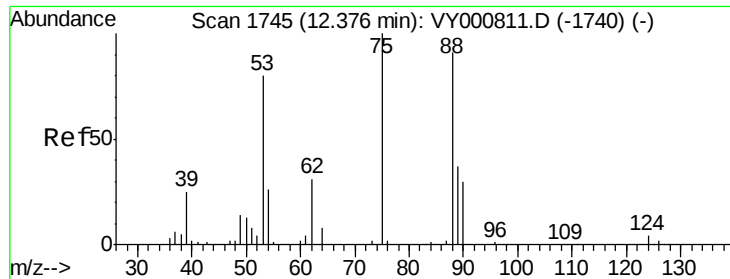
105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 61.845 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

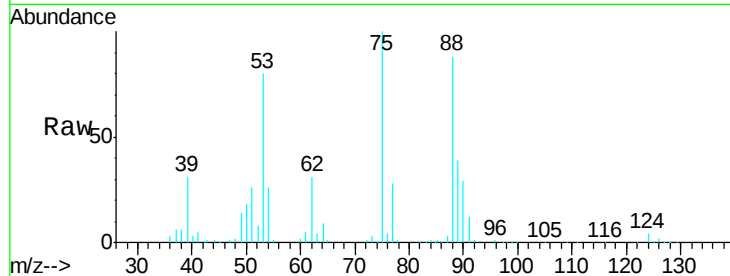
Tgt Ion: 75 Resp: 80884

Ion Ratio Lower Upper

75 100

53 80.7 64.6 96.8

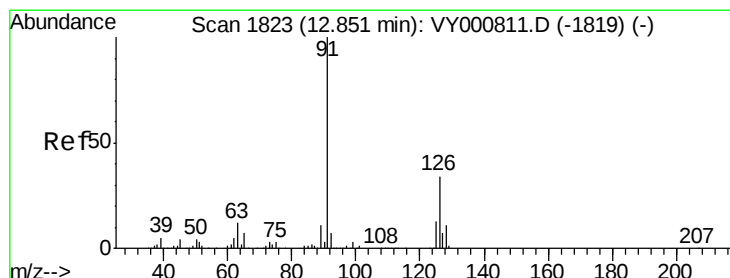
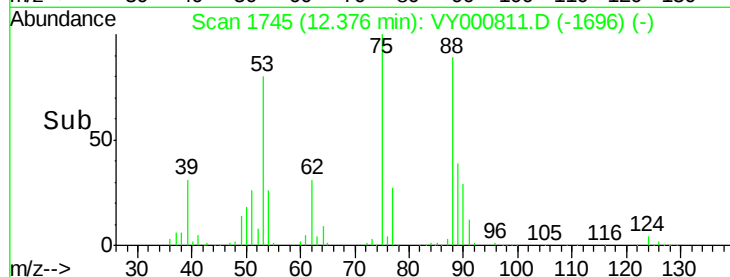
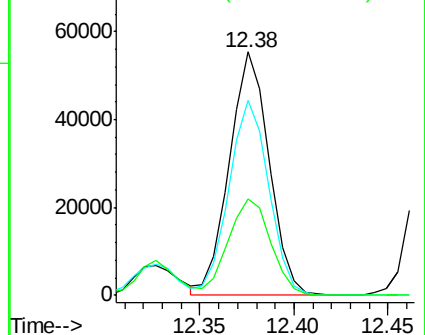
89 42.0 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1740) (-)

Ion 53.00 (52.70 to 53.70): VY000811.D (-1740) (-)

Ion 88.90 (88.60 to 89.60): VY000811.D (-1740) (-)



#82

4-Chlorotoluene

Concen: 53.825 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000811.D

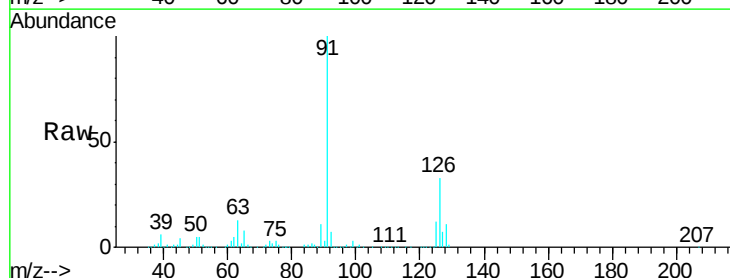
Acq: 27 Nov 2019 11:38

Tgt Ion: 91 Resp: 691217

Ion Ratio Lower Upper

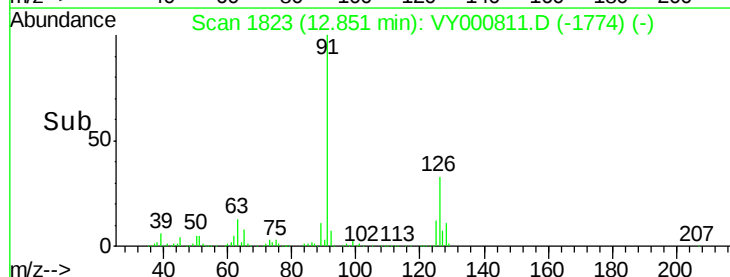
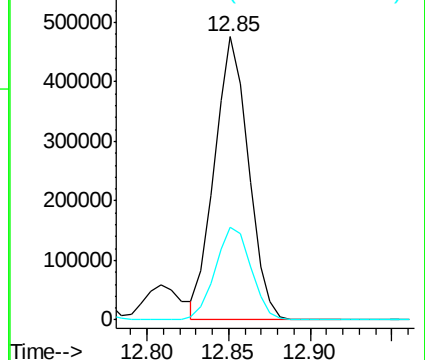
91 100

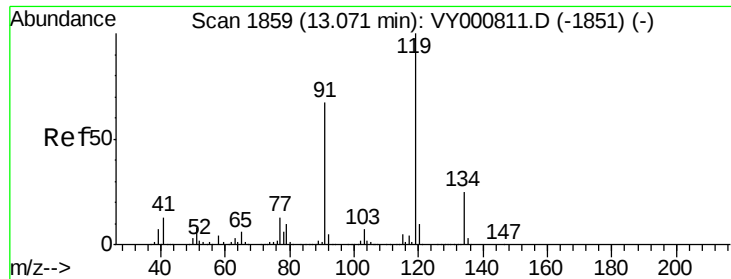
126 34.6 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1819) (-)

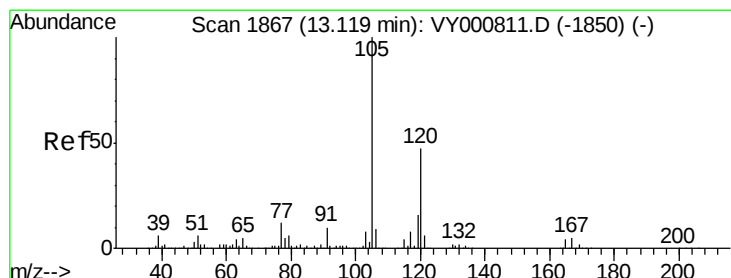
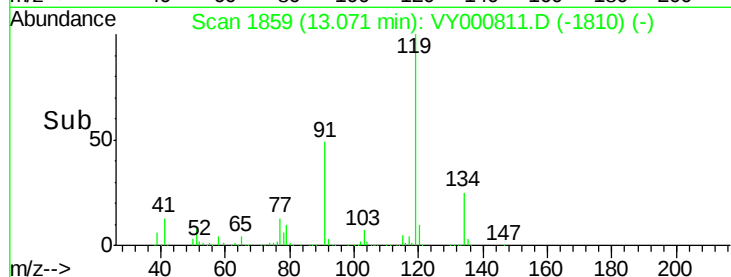
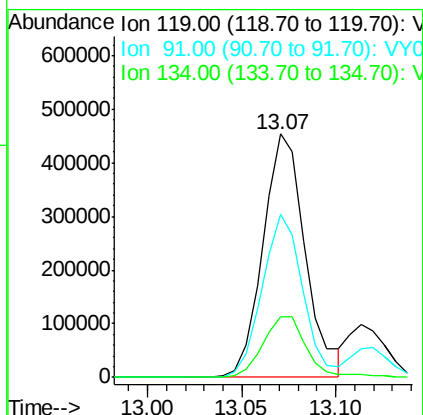
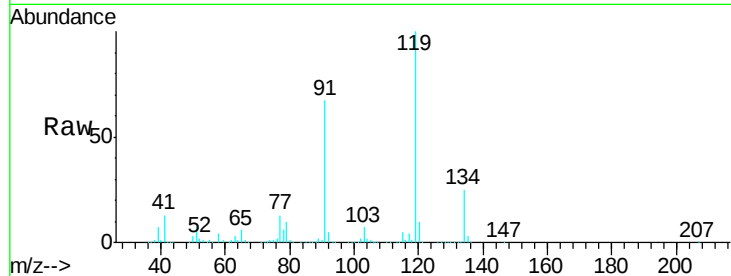




#83
 tert-Butylbenzene
 Concen: 53.752 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

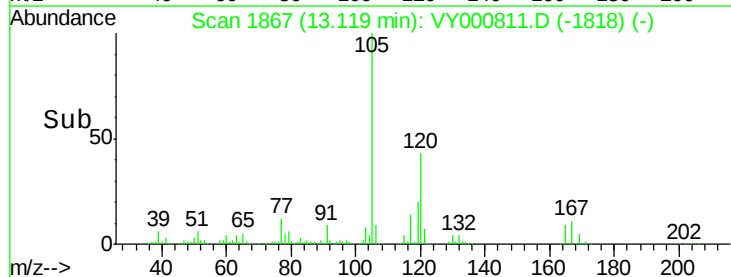
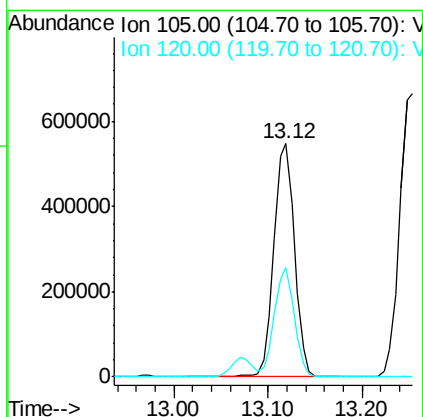
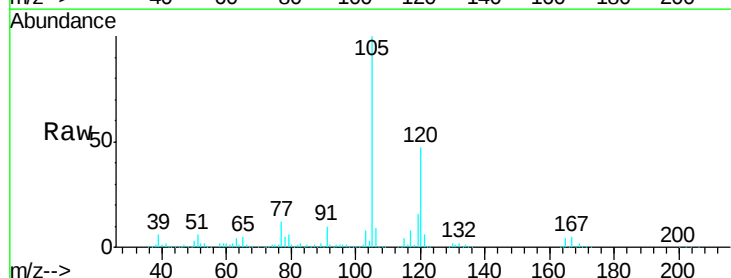
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

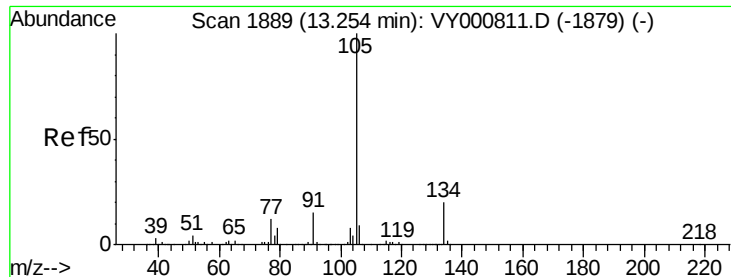
Tgt Ion:119 Resp: 706198
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.602 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion:105 Resp: 836335
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 54.340 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

Instrument :

MSVOA_Y

ClientSampleId :

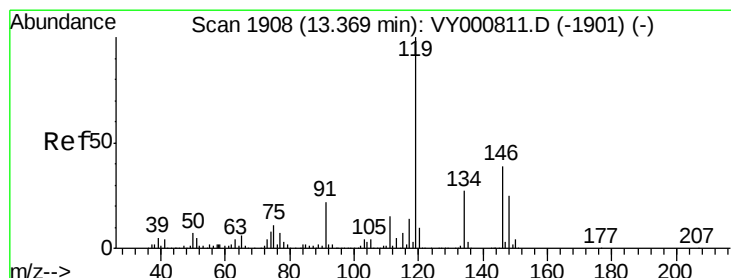
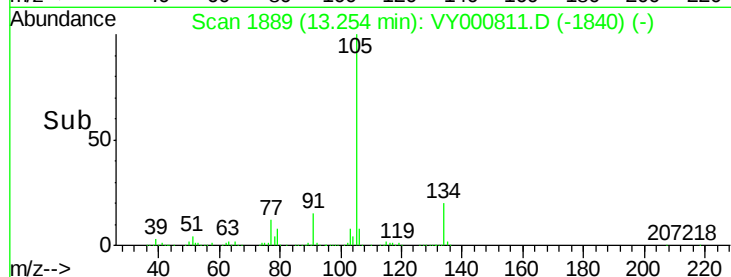
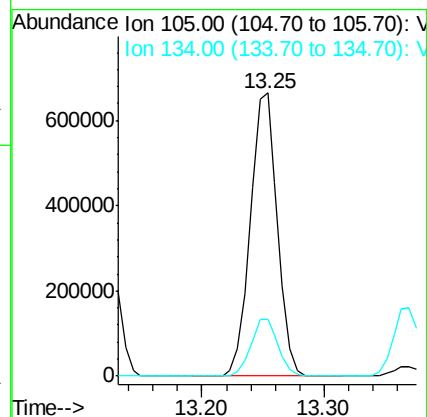
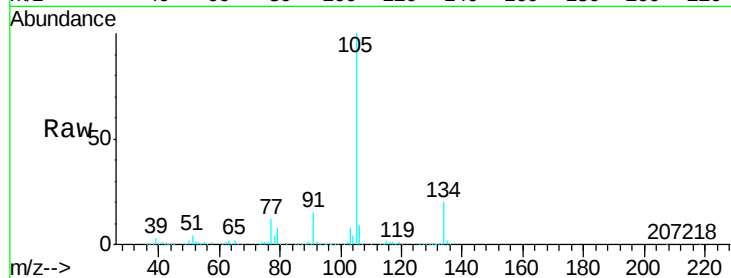
VSTDICCC050

Tgt Ion:105 Resp: 1015838

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.606 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000811.D

Acq: 27 Nov 2019 11:38

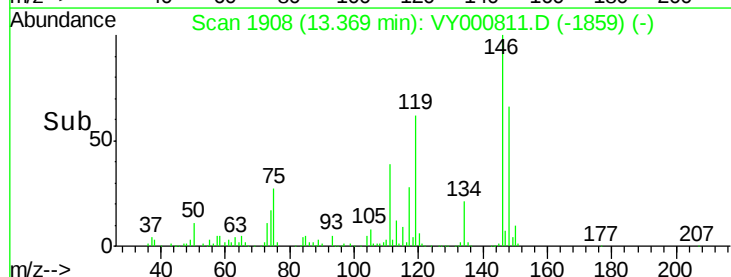
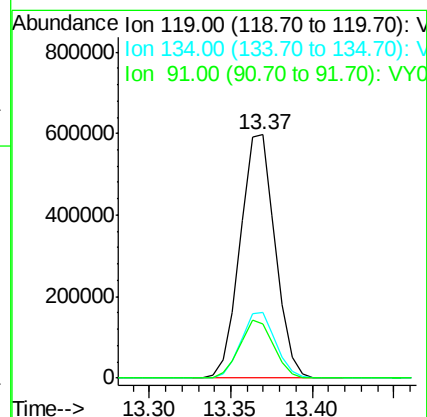
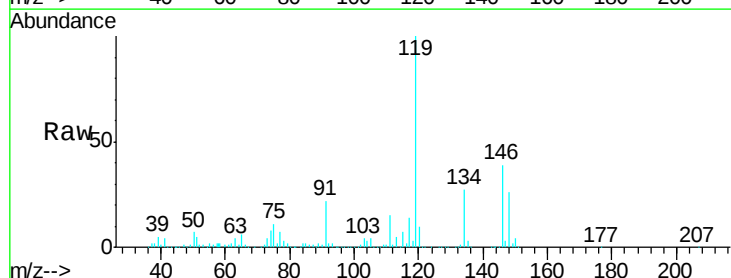
Tgt Ion:119 Resp: 891861

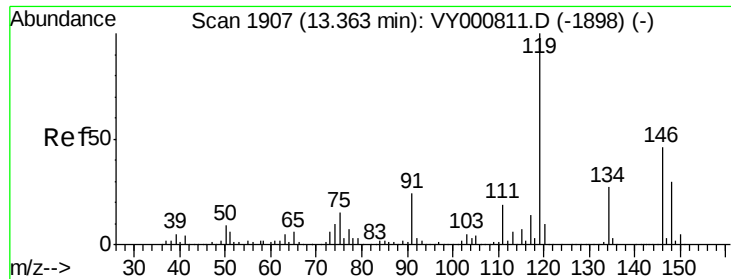
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.0 11.5 34.5

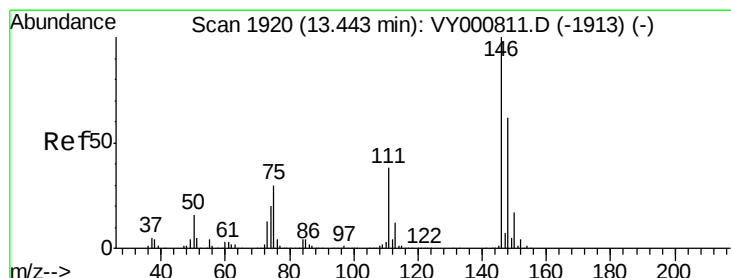
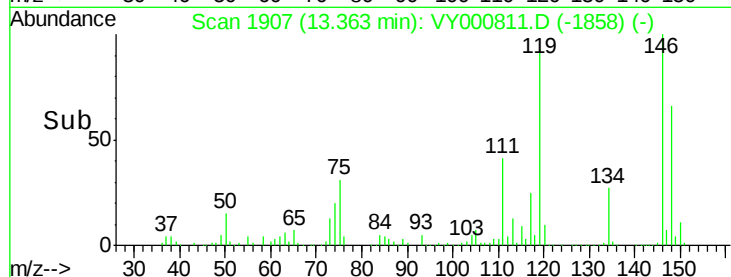
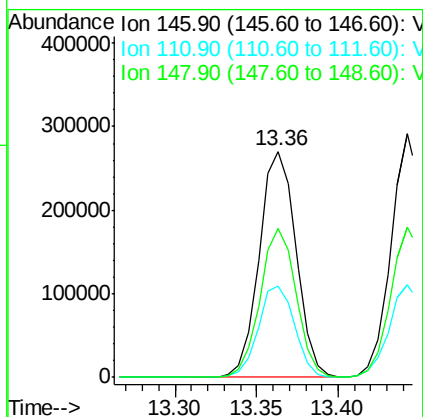
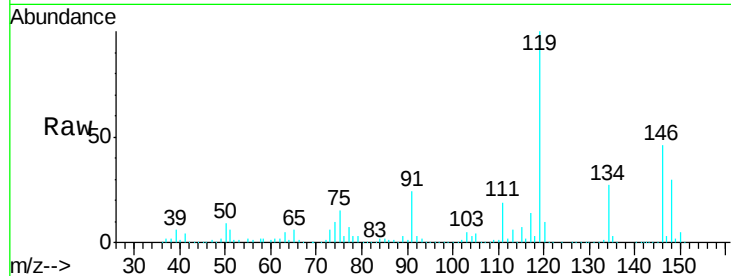




#87
 1,3-Dichlorobenzene
 Concen: 51.856 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

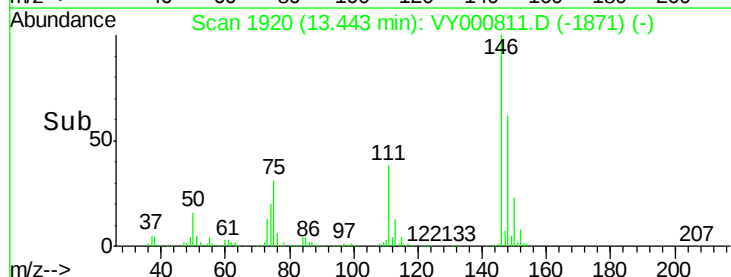
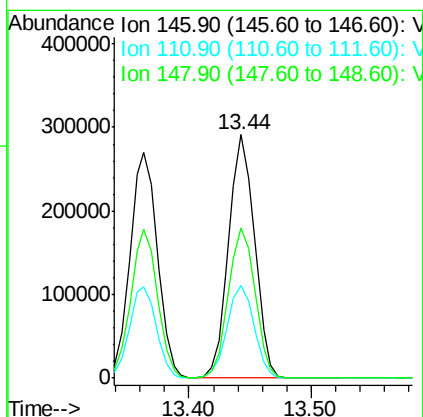
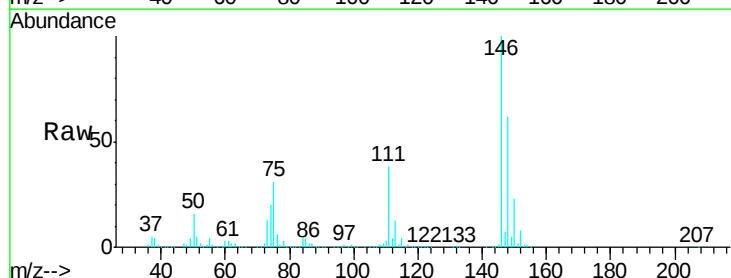
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

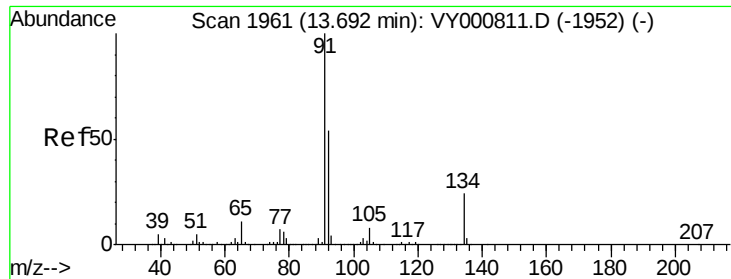
Tgt Ion:146 Resp: 423193
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.348 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion:146 Resp: 427285
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.4 31.7 95.1

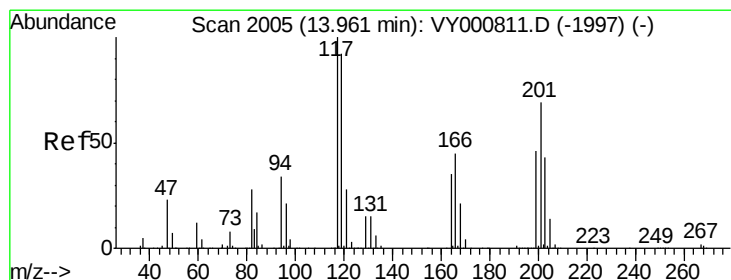
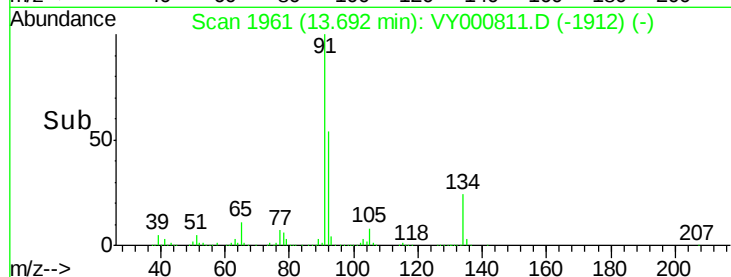
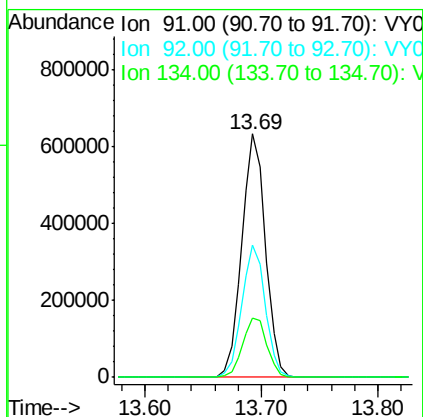
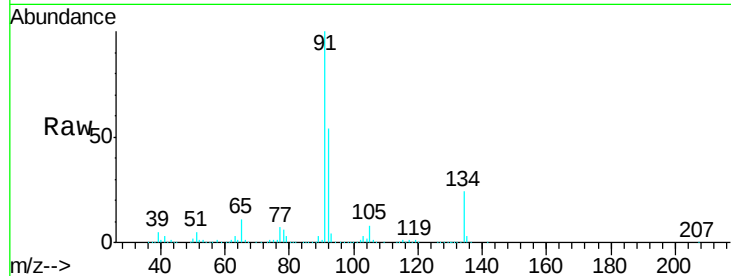




#89
n-Butylbenzene
Concen: 54.671 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

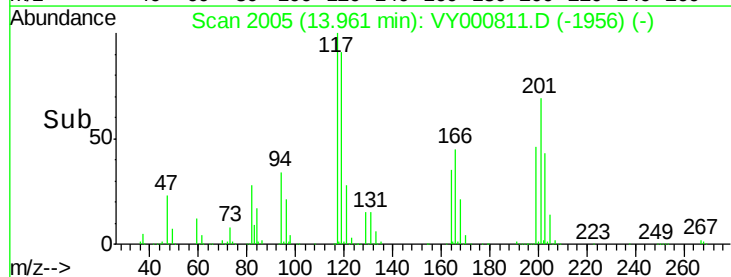
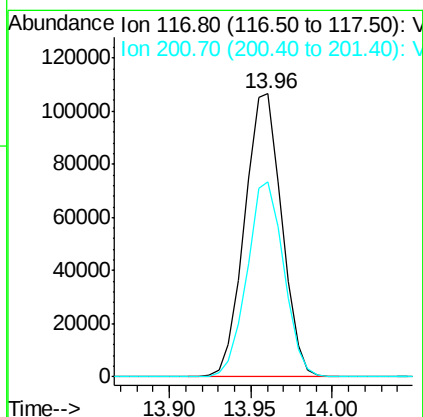
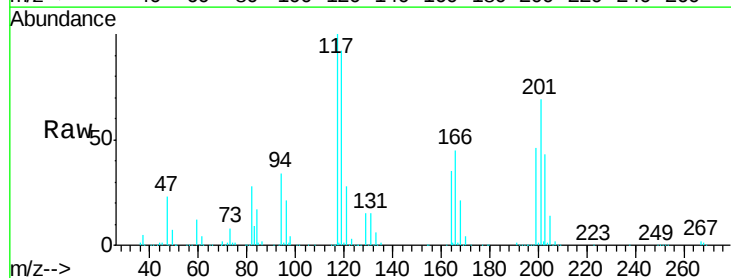
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

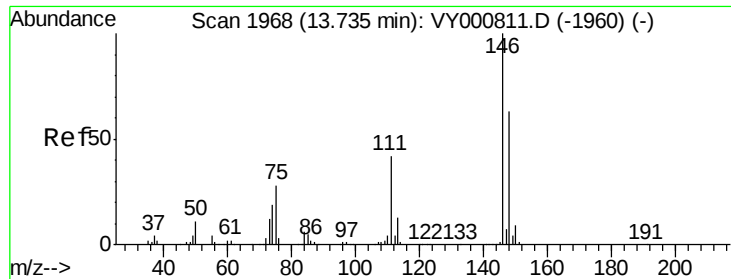
Tgt Ion: 91 Resp: 900332
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 25.1 12.6 37.6



#90
Hexachloroethane
Concen: 54.878 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion: 117 Resp: 169395
Ion Ratio Lower Upper
117 100
201 68.0 34.0 102.0

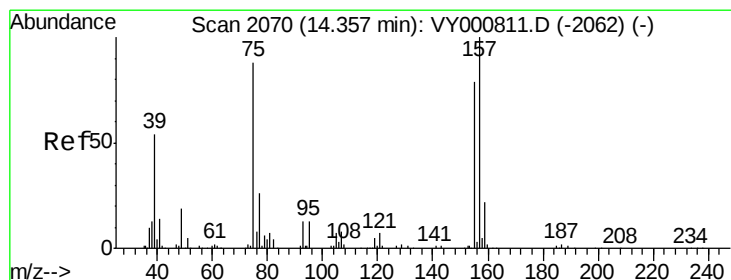
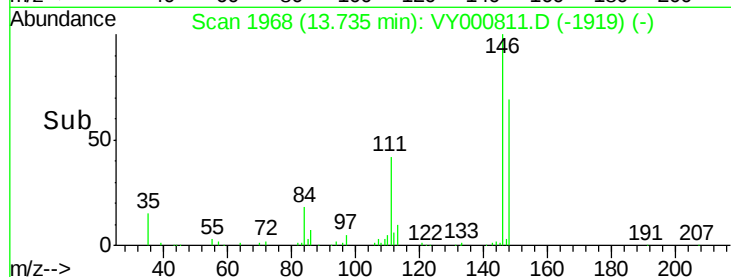
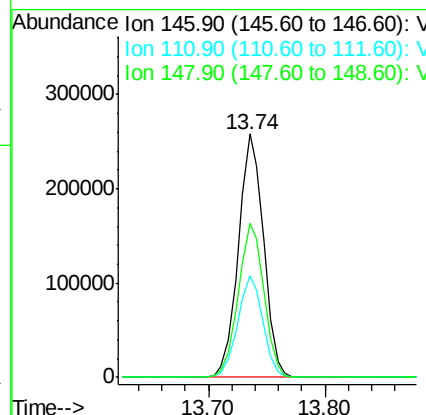
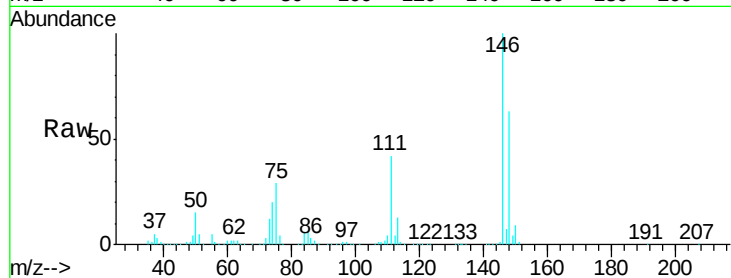




#91
 1,2-Dichlorobenzene
 Concen: 52.486 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

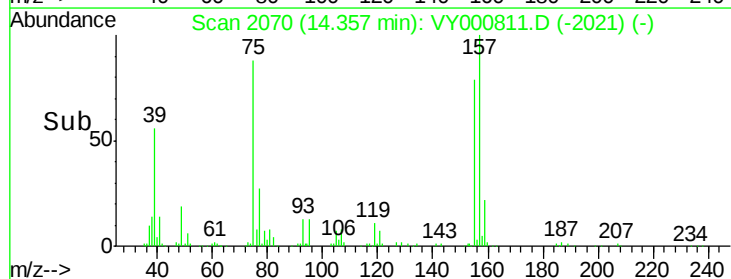
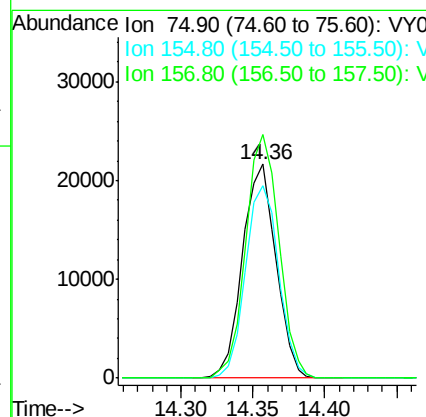
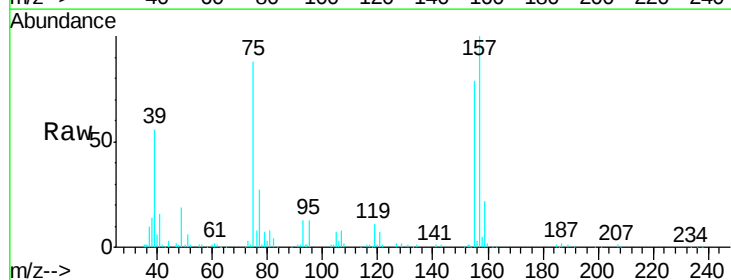
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 388936
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.660 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion: 75 Resp: 34954
 Ion Ratio Lower Upper
 75 100
 155 88.6 44.3 132.9
 157 112.6 56.3 168.9

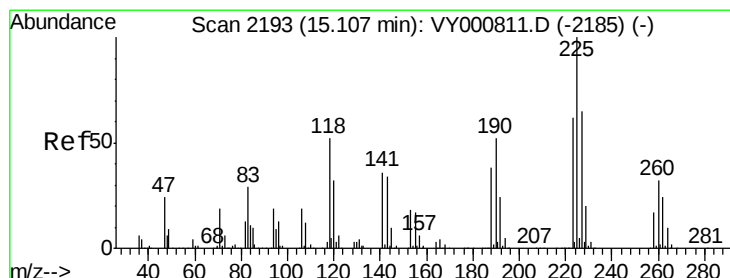
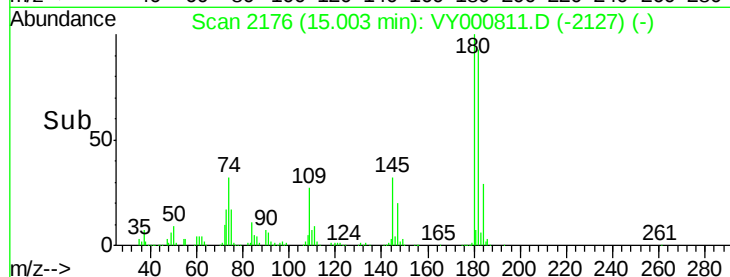
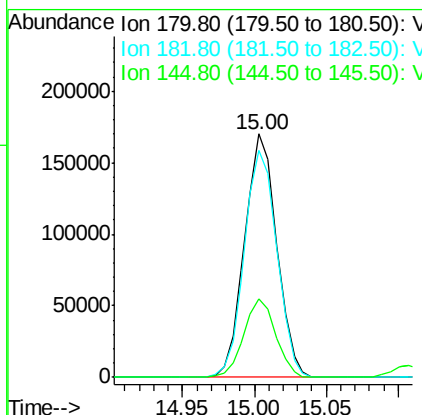
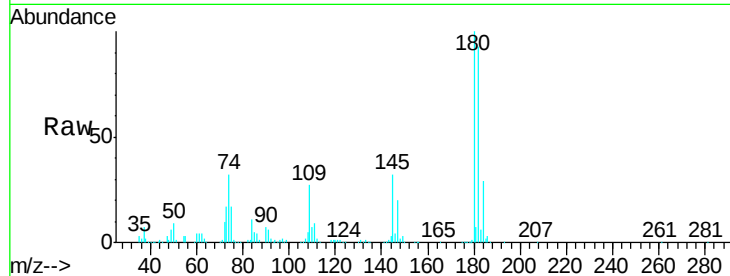




#93
 1,2,4-Trichlorobenzene
 Concen: 51.811 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

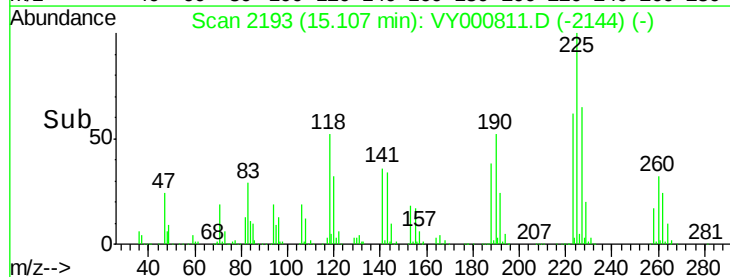
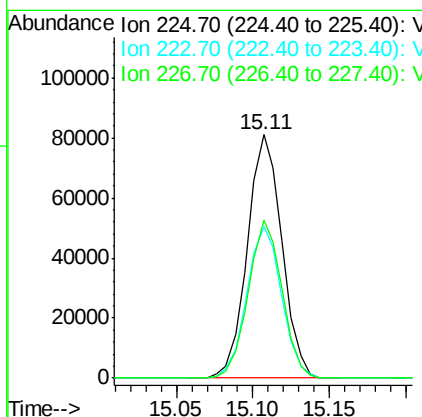
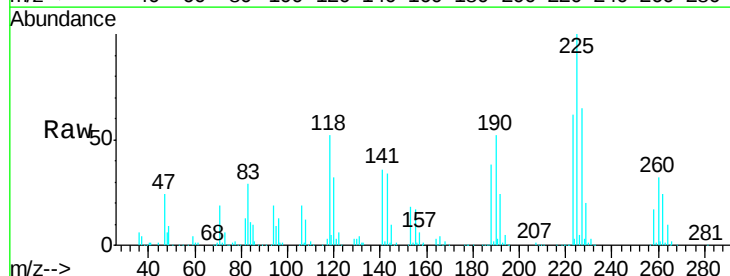
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

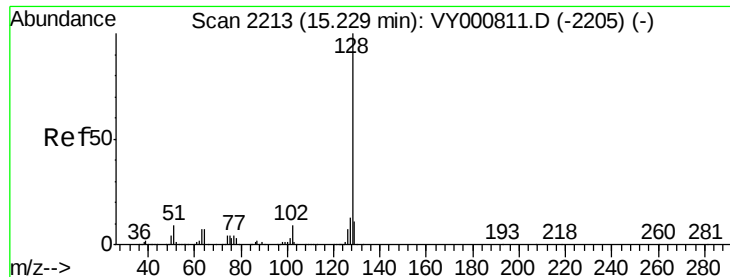
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	31.9	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 49.499 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000811.D
 Acq: 27 Nov 2019 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.3
227	63.5	31.8	95.3

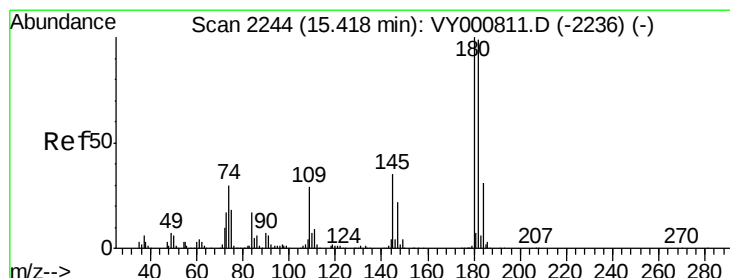
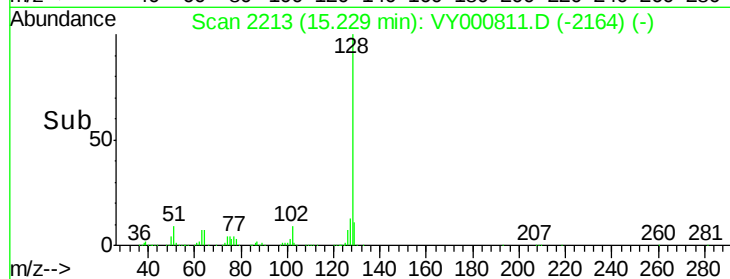
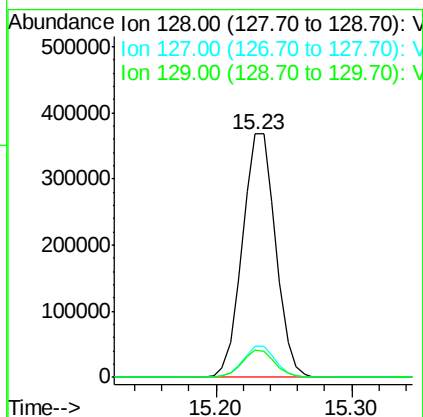
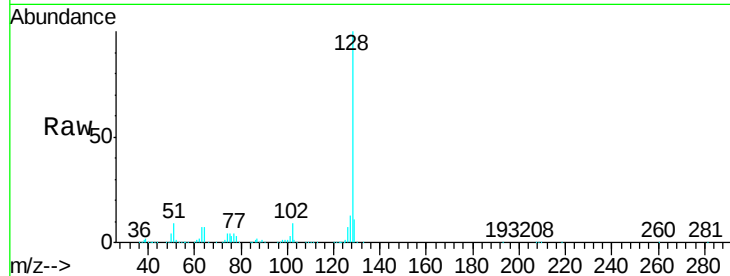




#95
Naphthalene
Concen: 55.281 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.523 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000811.D
Acq: 27 Nov 2019 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	33.7	16.9	50.6

