

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000945.D
 Acq On : 16 Dec 2019 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 06:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	307385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221362	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	158015	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.72	113	157106	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.18	98	640900	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.48	95	226382	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	142490	43.063	ug/l	94
3) Chloromethane	2.12	50	188647	46.251	ug/l	97
4) Vinyl Chloride	2.26	62	188046	46.780	ug/l	96
5) Bromomethane	2.65	94	126024	52.397	ug/l	100
6) Chloroethane	2.80	64	121292	49.213	ug/l	97
7) Trichlorofluoromethane	3.13	101	278697	50.589	ug/l	94
8) Diethyl Ether	3.54	74	111659	53.851	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	181810	53.441	ug/l	98
10) Methyl Iodide	4.09	142	209941	49.014	ug/l	98
11) Tert butyl alcohol	4.96	59	77914	237.104	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	182128	54.039	ug/l	89
13) Acrolein	3.74	56	80416	248.428	ug/l	98
14) Allyl chloride	4.49	41	296620	51.328	ug/l	97
15) Acrylonitrile	5.17	53	276666	258.402	ug/l	98
16) Acetone	3.96	43	151807	202.607	ug/l	100
17) Carbon Disulfide	4.19	76	543256	49.838	ug/l	100
18) Methyl Acetate	4.49	43	156651	50.002	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	489422	54.375	ug/l	99
20) Methylene Chloride	4.72	84	204618	51.808	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	204014	53.257	ug/l	98
22) Diisopropyl ether	6.13	45	622415	52.403	ug/l	98
23) Vinyl Acetate	6.07	43	1840614	254.906	ug/l	97
24) 1,1-Dichloroethane	6.03	63	352603	53.862	ug/l	97
25) 2-Butanone	6.99	43	307790	222.376	ug/l	98
26) 2,2-Dichloropropane	6.99	77	290800	52.779	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	231491	55.904	ug/l	96
28) Bromochloromethane	7.35	49	129394	53.751	ug/l	99
29) Tetrahydrofuran	7.35	42	226081	246.497	ug/l	99
30) Chloroform	7.52	83	339540	51.703	ug/l	97
31) Cyclohexane	7.79	56	338296	48.781	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	288544	53.209	ug/l	99
36) 1,1-Dichloropropene	7.93	75	277916	51.942	ug/l	100
37) Ethyl Acetate	7.08	43	140426	45.454	ug/l	99
38) Carbon Tetrachloride	7.91	117	256367	53.803	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	365831	51.607	ug/l	99
40) Benzene	8.16	78	838482	53.801	ug/l	97
41) Methacrylonitrile	7.35	41	199261	122.374	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	207735	50.683	ug/l	99
43) Isopropyl Acetate	8.28	43	281704	48.386	ug/l	97
44) Trichloroethene	8.94	130	219628	54.834	ug/l	92
45) 1,2-Dichloropropane	9.22	63	213151	54.449	ug/l	96
46) Dibromomethane	9.31	93	108921	53.252	ug/l	99
47) Bromodichloromethane	9.50	83	257865	53.667	ug/l	96
48) Methyl methacrylate	9.30	41	123683	48.311	ug/l	95
49) 1,4-Dioxane	9.30	88	29534	1019.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	724951	241.002	ug/l	99
52) Toluene	10.24	92	517127	53.591	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	282301	54.685	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	336857	55.206	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	162694	53.838	ug/l	97
56) Ethyl methacrylate	10.51	69	232194	53.712	ug/l	97
57) 1,3-Dichloropropane	10.79	76	281825	53.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	410454	235.477	ug/l	99
59) 2-Hexanone	10.83	43	506378	231.021	ug/l	99
60) Dibromochloromethane	10.98	129	182268	56.029	ug/l	98
61) 1,2-Dibromoethane	11.09	107	158071	55.503	ug/l	97
64) Tetrachloroethene	10.72	164	222489	54.237	ug/l	97
65) Chlorobenzene	11.52	112	539428	54.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	187004	56.540	ug/l	100
67) Ethyl Benzene	11.59	91	984962	53.887	ug/l	97
68) m/p-Xylenes	11.70	106	747468	108.950	ug/l	99
69) o-Xylene	12.03	106	351034	54.876	ug/l	99
70) Styrene	12.04	104	610141	55.704	ug/l	99
71) Bromoform	12.20	173	105489	56.549	ug/l #	99
73) Isopropylbenzene	12.33	105	943008	53.503	ug/l	100
74) N-amyl acetate	12.14	43	243385	49.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	180413	51.950	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	248974	99.272	ug/l #	100
77) Bromobenzene	12.61	156	207923	54.422	ug/l	97
78) n-propylbenzene	12.67	91	1149203	53.400	ug/l	99
79) 2-Chlorotoluene	12.75	91	631781	53.139	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	788531	54.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68989	54.033	ug/l	95
82) 4-Chlorotoluene	12.85	91	659321	53.826	ug/l	99
83) tert-Butylbenzene	13.07	119	671883	54.761	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	787014	53.904	ug/l	98
85) sec-Butylbenzene	13.25	105	967888	54.242	ug/l	99
86) p-Isopropyltoluene	13.36	119	842139	54.261	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	405118	54.053	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	404402	54.494	ug/l	99
89) n-Butylbenzene	13.69	91	837949	53.400	ug/l	99
90) Hexachloroethane	13.96	117	162379	56.795	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	369430	54.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	30939	53.214	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

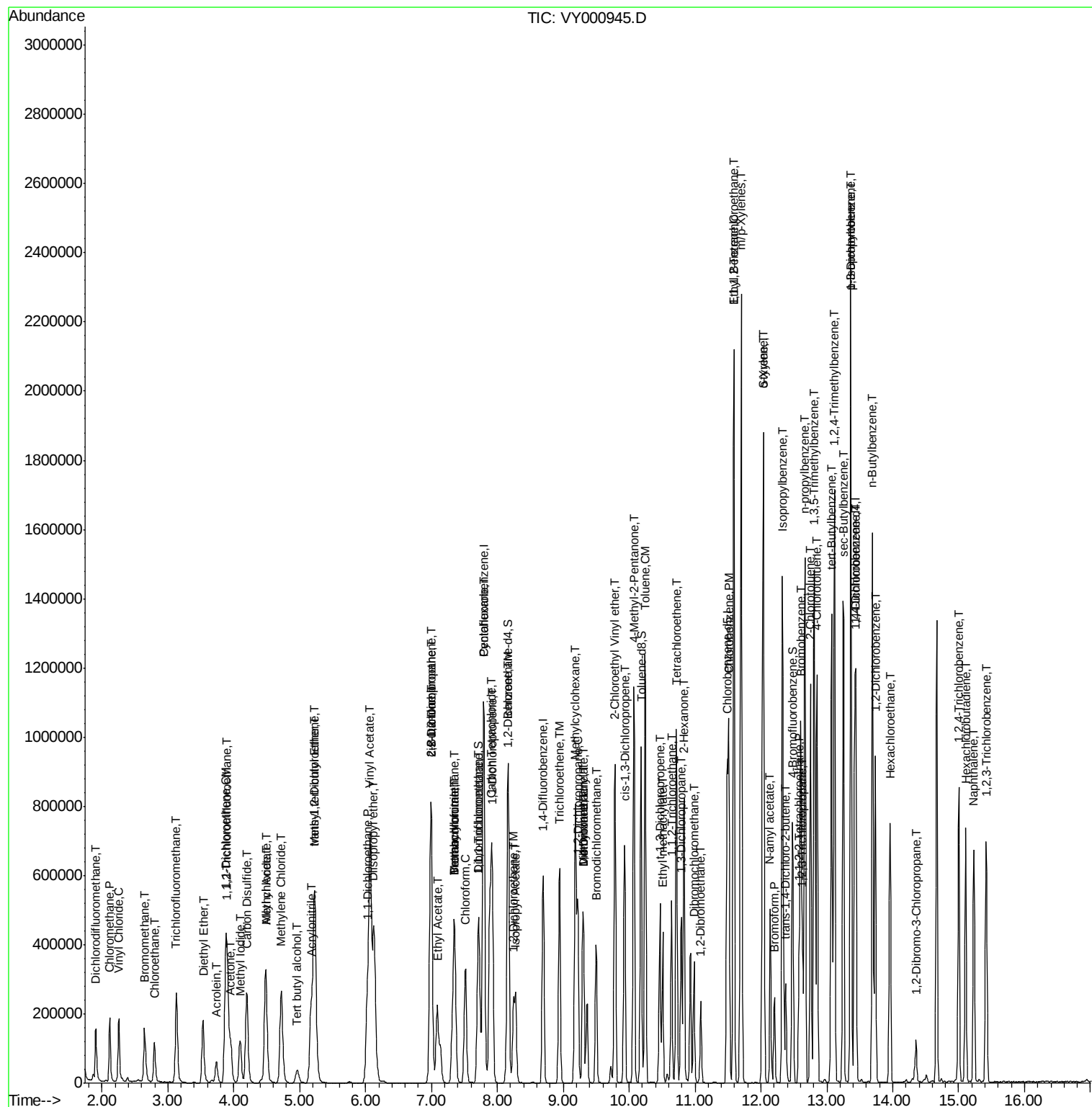
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	246438	54.022	ug/l	99
94) Hexachlorobutadiene	15.11	225	123753	54.716	ug/l	100
95) Naphthalene	15.23	128	559743	52.844	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	217367	53.345	ug/l	99

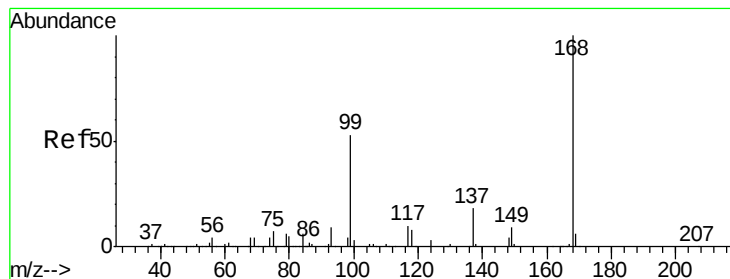
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

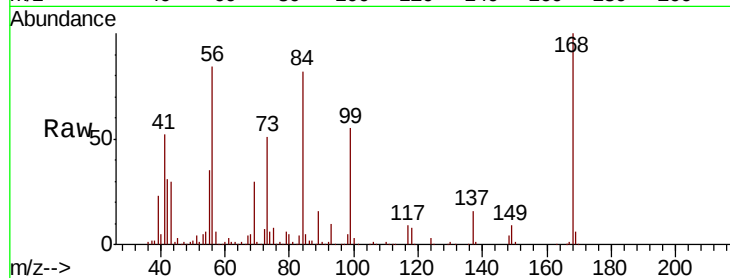
VSTDCCC050

Tgt Ion: 168 Resp: 307385

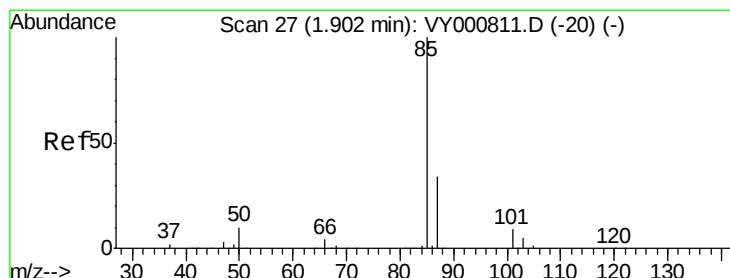
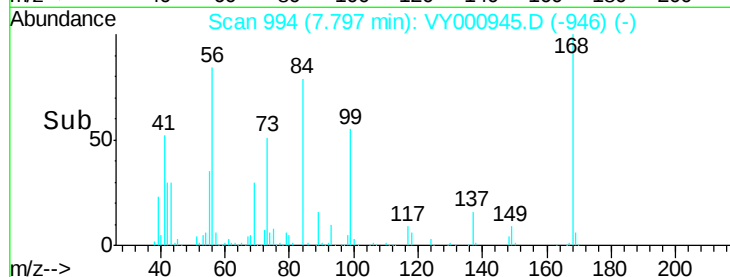
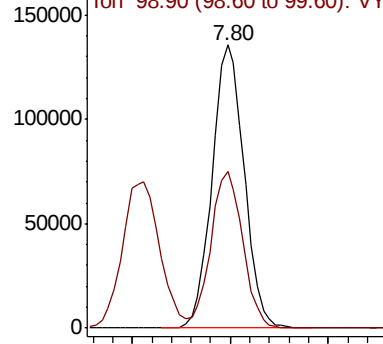
Ion Ratio Lower Upper

168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000945.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 43.063 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000945.D

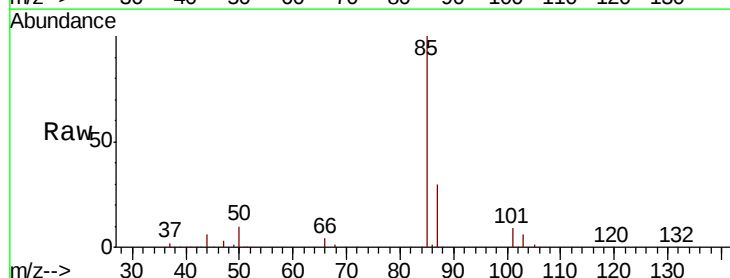
Acq: 16 Dec 2019 10:38

Tgt Ion: 85 Resp: 142490

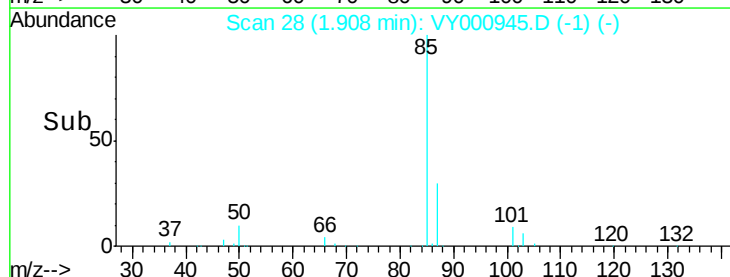
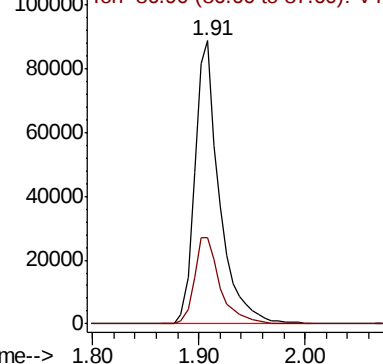
Ion Ratio Lower Upper

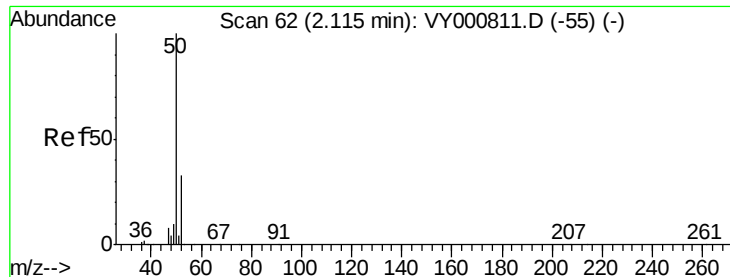
85 100

87 30.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000945.D (-1) (-)





#3

Chloromethane

Concen: 46.251 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

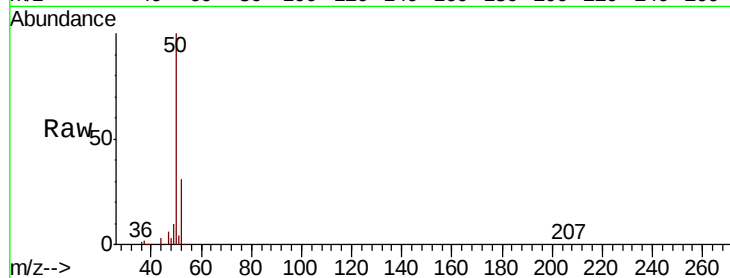
VSTDCCC050

Tgt Ion: 50 Resp: 188647

Ion Ratio Lower Upper

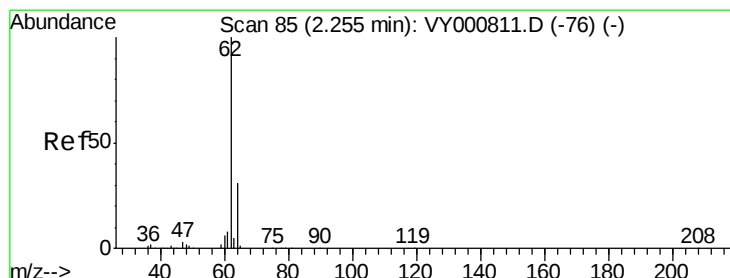
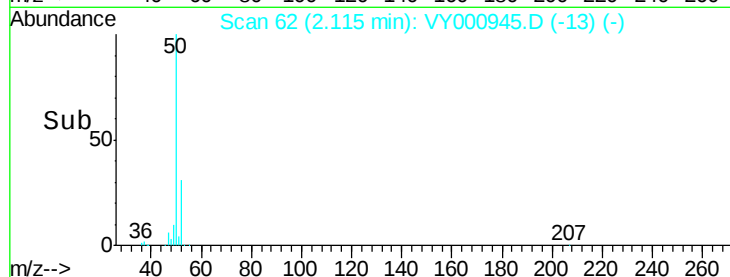
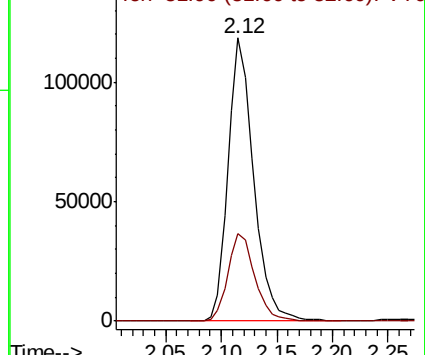
50 100

52 31.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.780 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000945.D

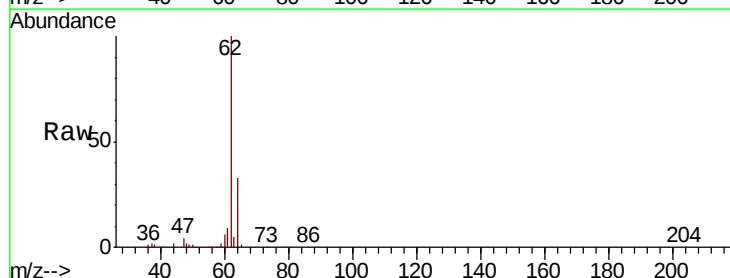
Acq: 16 Dec 2019 10:38

Tgt Ion: 62 Resp: 188046

Ion Ratio Lower Upper

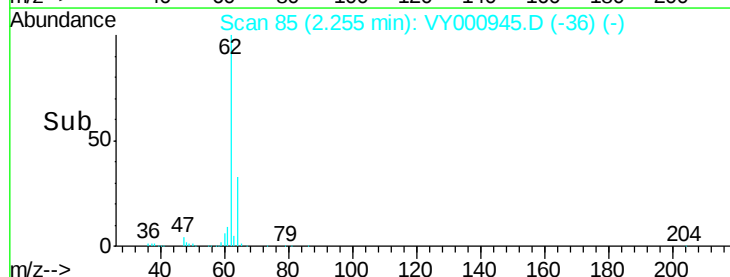
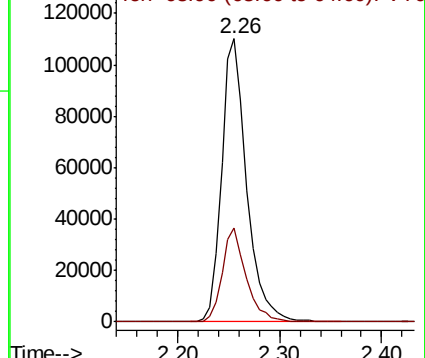
62 100

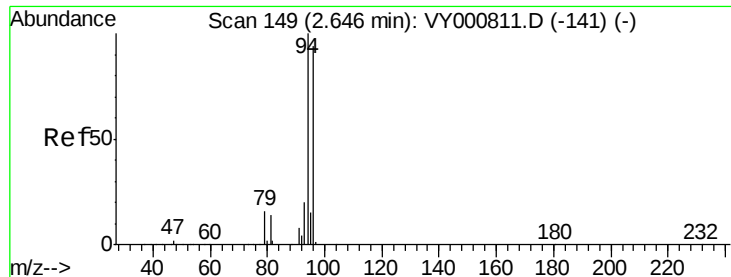
64 33.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.397 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

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ClientSampleId :

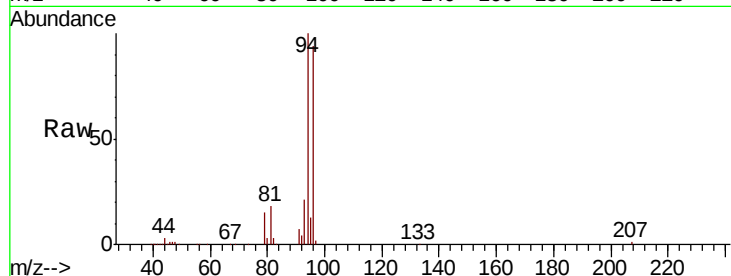
VSTDCCC050

Tgt Ion: 94 Resp: 126024

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

30000

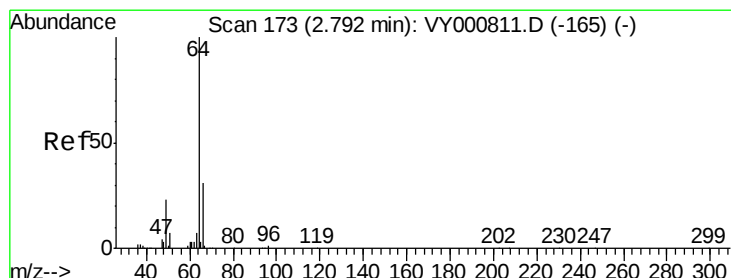
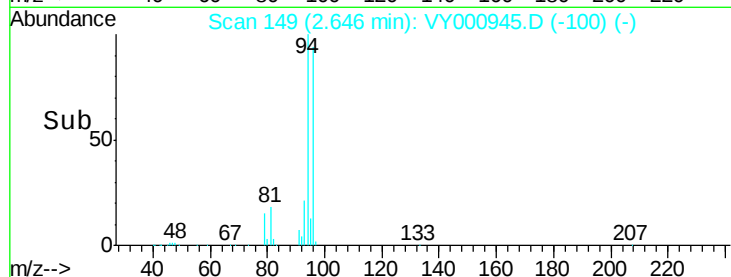
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 49.213 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000945.D

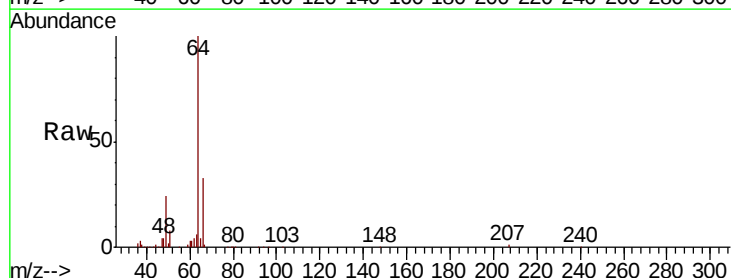
Acq: 16 Dec 2019 10:38

Tgt Ion: 64 Resp: 121292

Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

50000

40000

30000

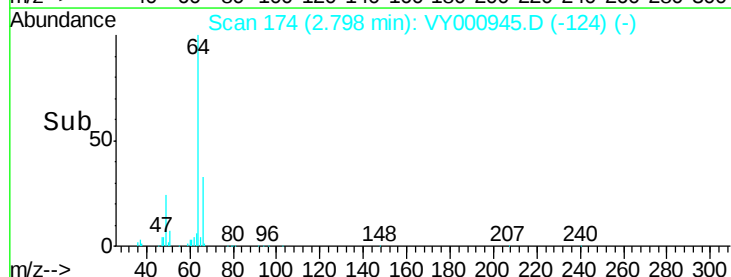
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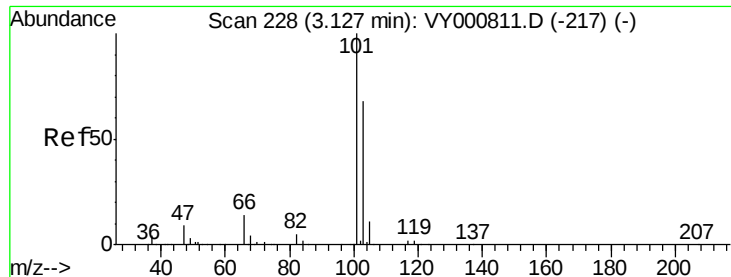
10000

0

Time-->

2.70 2.80 2.90



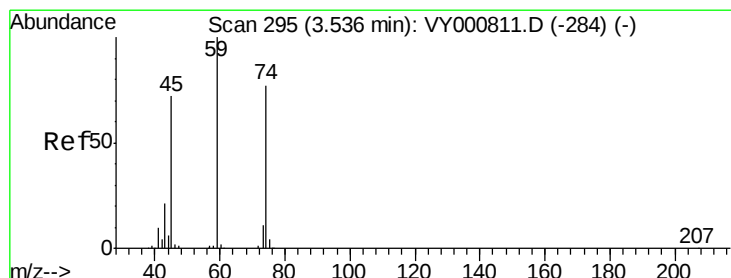
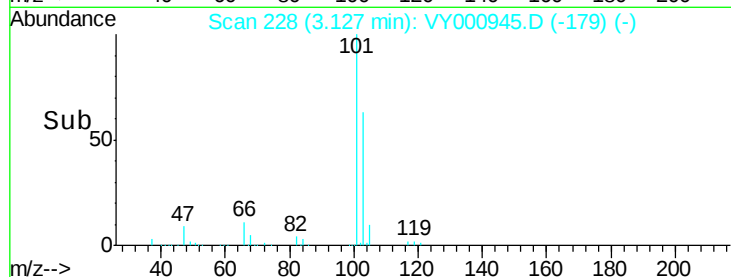
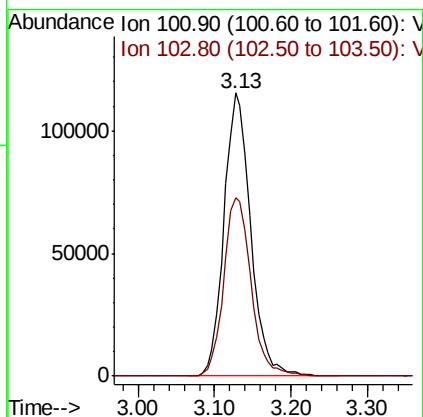
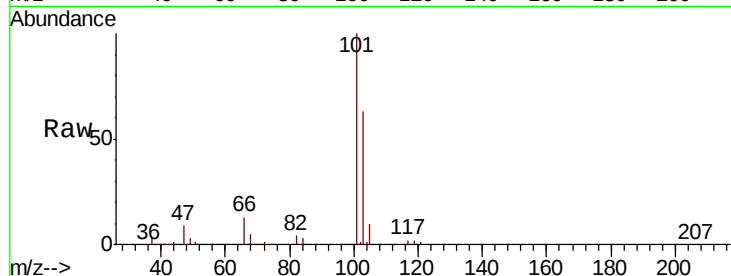


#7

Trichlorofluoromethane
 Concen: 50.589 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
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 VSTDCCC050

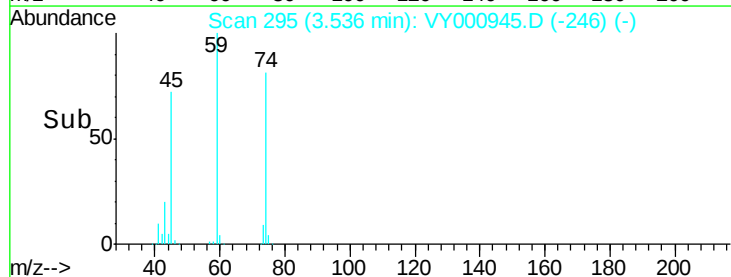
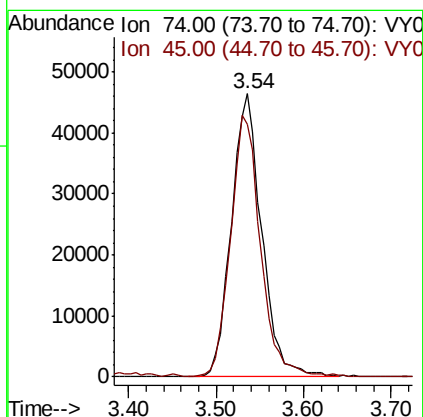
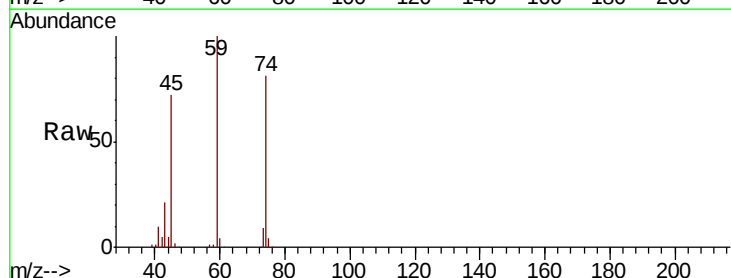
Tgt Ion:101 Resp: 278697
 Ion Ratio Lower Upper
 101 100
 103 63.2 54.2 81.2

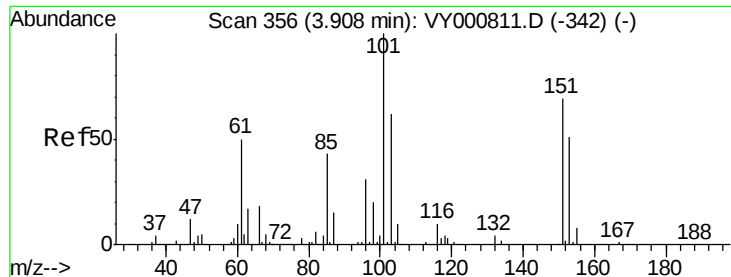


#8

Diethyl Ether
 Concen: 53.851 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 74 Resp: 111659
 Ion Ratio Lower Upper
 74 100
 45 92.2 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.441 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

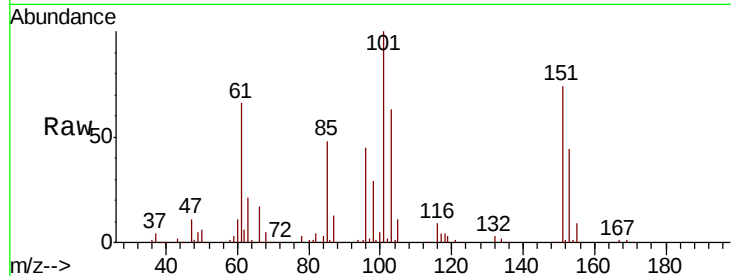
Tgt Ion:101 Resp: 181810

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

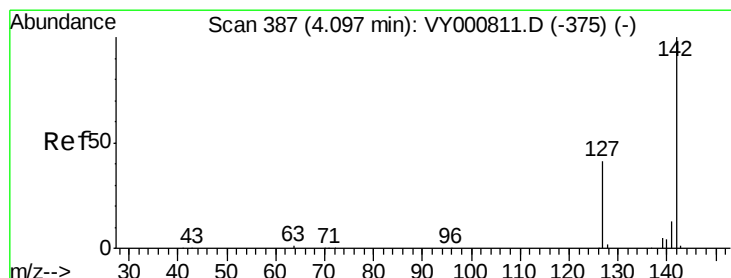
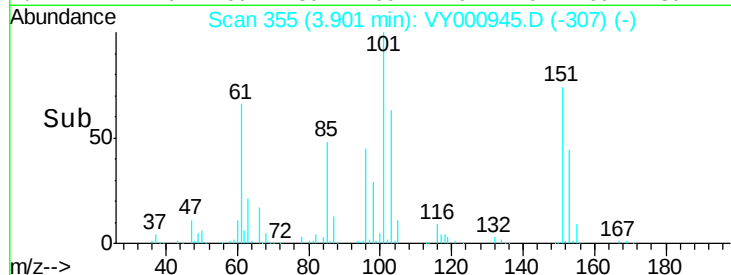
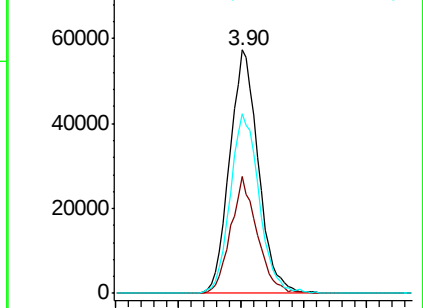
151 74.5 58.2 87.2



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: 49.014 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

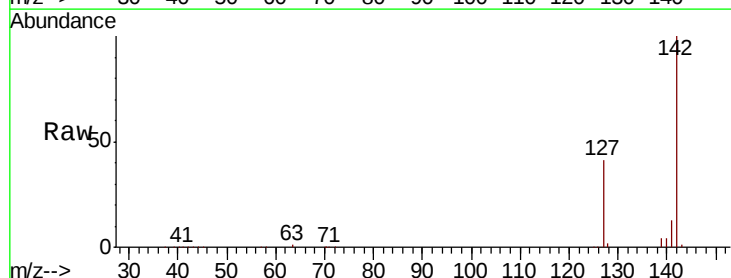
Tgt Ion:142 Resp: 209941

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.8

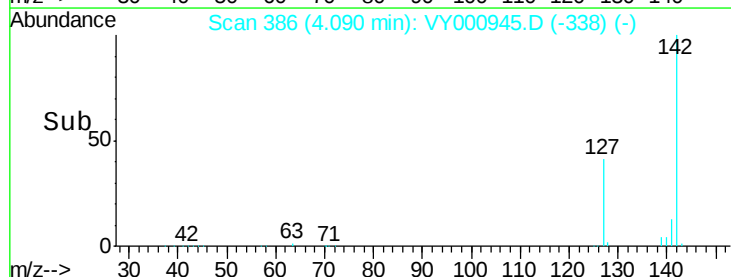
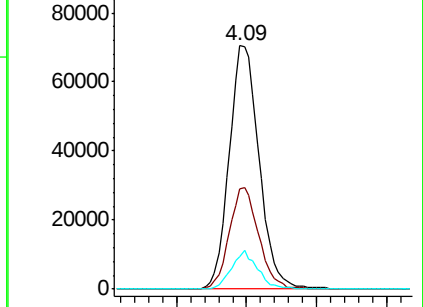
141 13.8 10.9 16.3

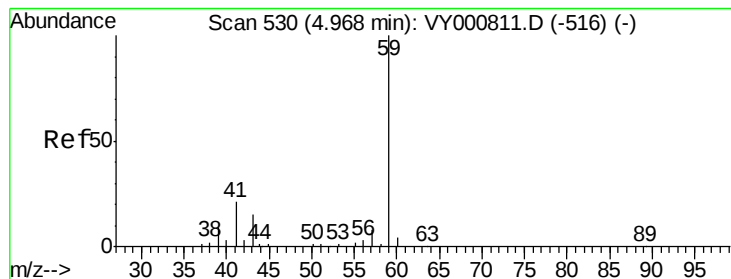


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



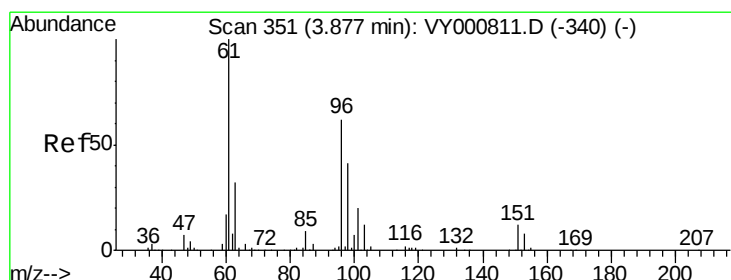
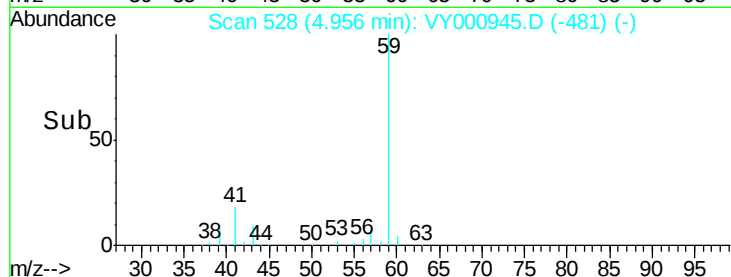
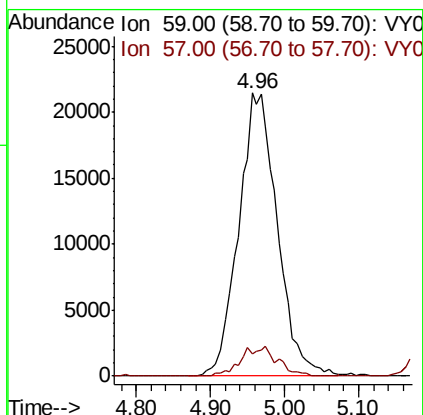
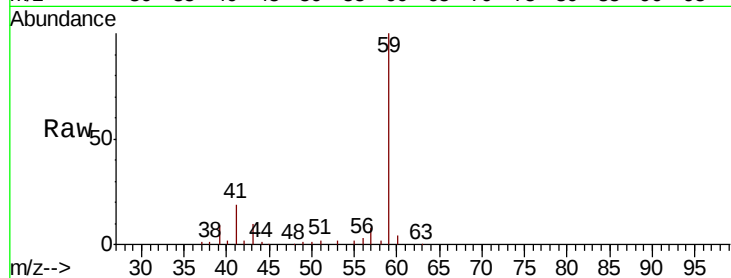


#11

Tert butyl alcohol
 Concen: 237.104 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

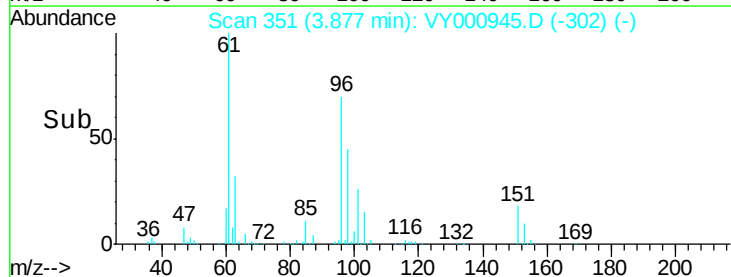
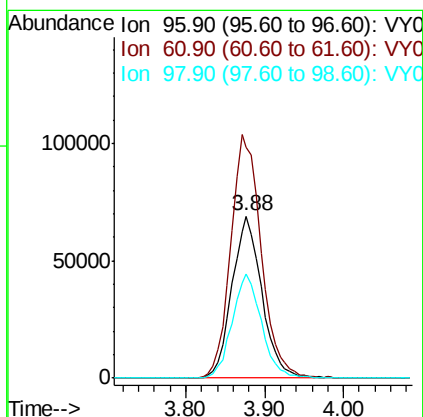
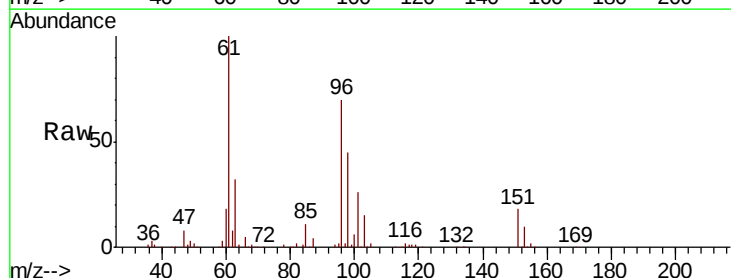
Tgt Ion: 59 Resp: 77914
 Ion Ratio Lower Upper
 59 100
 57 3.9 7.8 11.6#

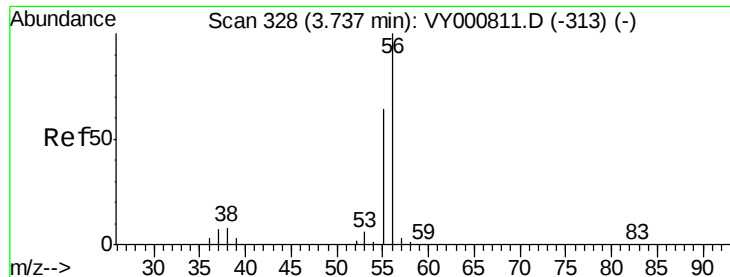


#12

1,1-Dichloroethene
 Concen: 54.039 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 96 Resp: 182128
 Ion Ratio Lower Upper
 96 100
 61 142.8 129.4 194.2
 98 64.1 53.4 80.0





#13

Acrolein

Concen: 248.428 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

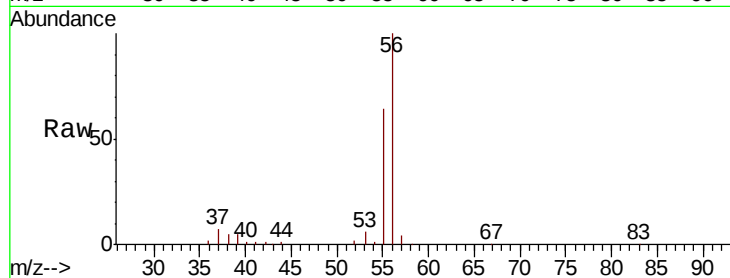
VSTDCCC050

Tgt Ion: 56 Resp: 80416

Ion Ratio Lower Upper

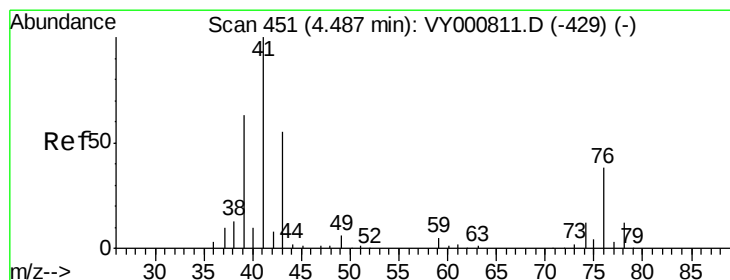
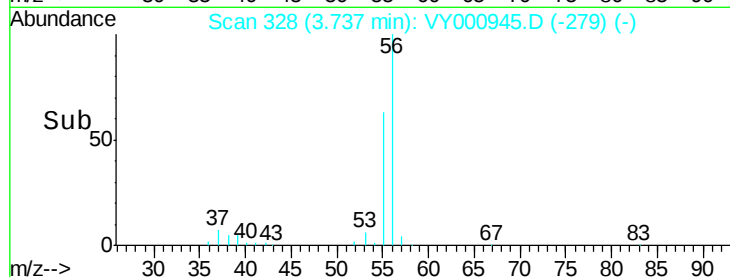
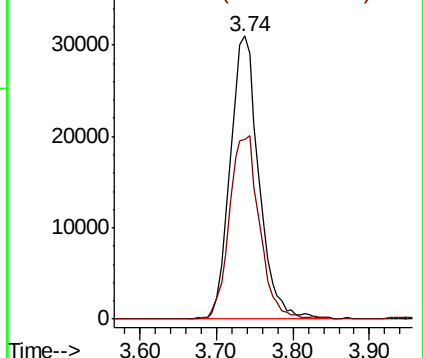
56 100

55 68.3 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.328 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

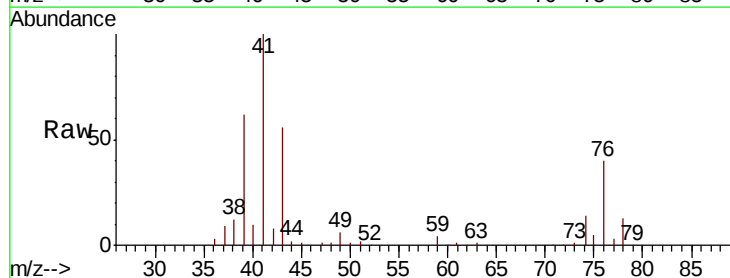
Tgt Ion: 41 Resp: 296620

Ion Ratio Lower Upper

41 100

39 60.0 49.2 73.8

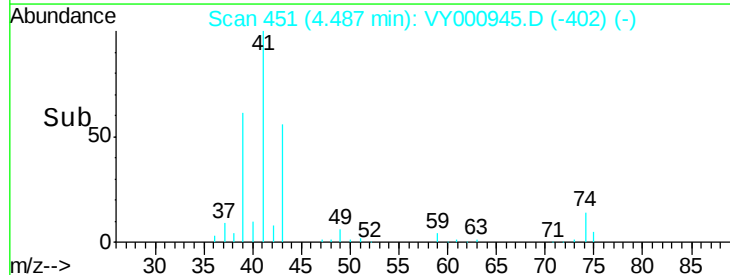
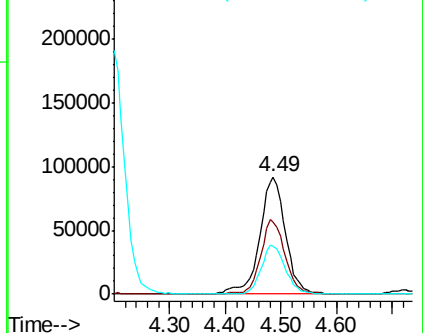
76 39.1 29.2 43.8

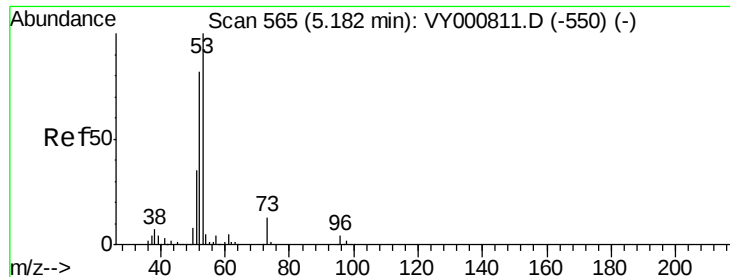


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.402 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

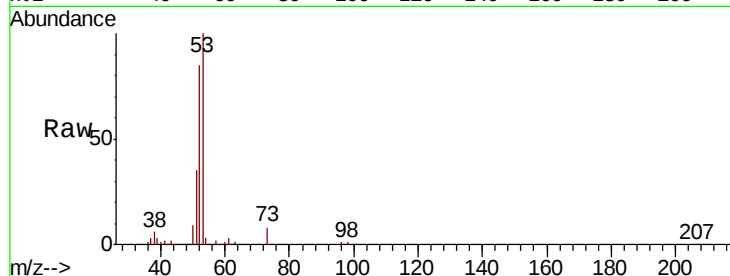
Tgt Ion: 53 Resp: 276666

Ion Ratio Lower Upper

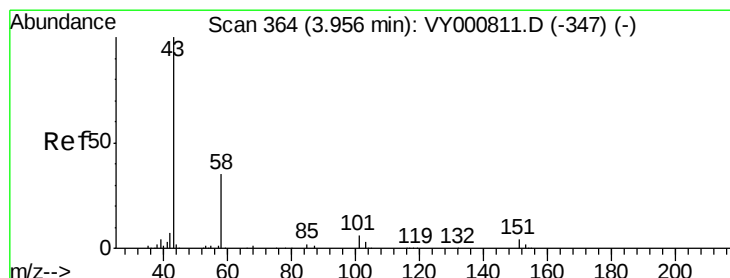
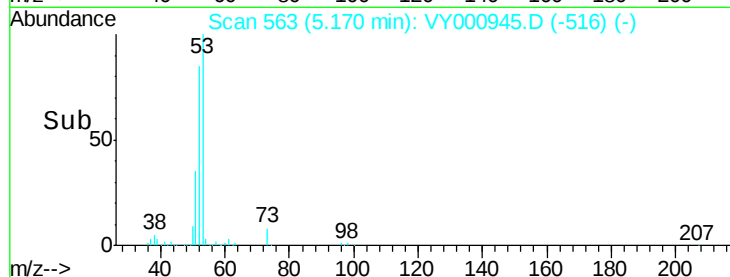
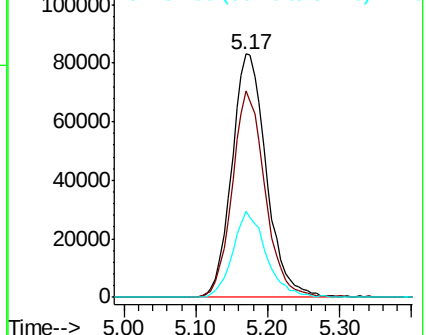
53 100

52 80.4 65.1 97.7

51 34.1 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: 202.607 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000945.D

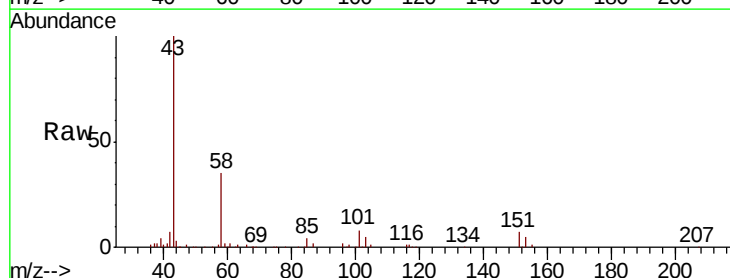
Acq: 16 Dec 2019 10:38

Tgt Ion: 43 Resp: 151807

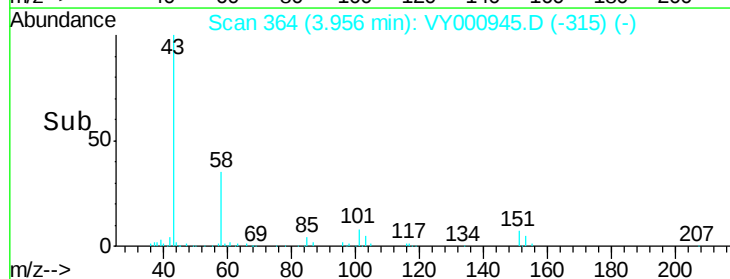
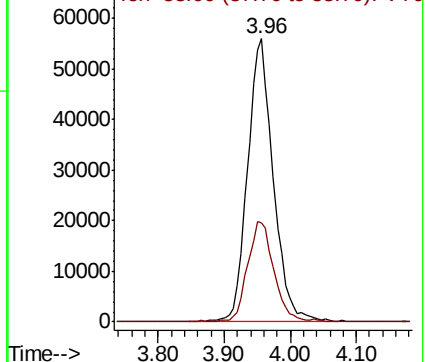
Ion Ratio Lower Upper

43 100

58 34.8 28.0 42.0



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

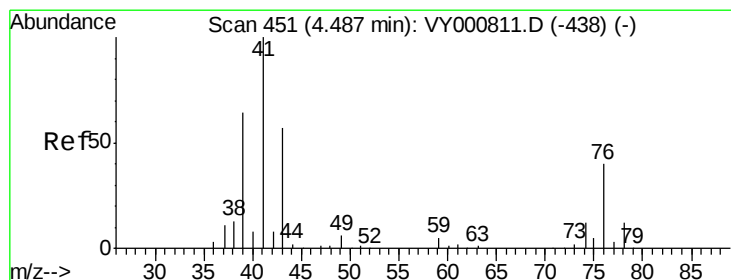
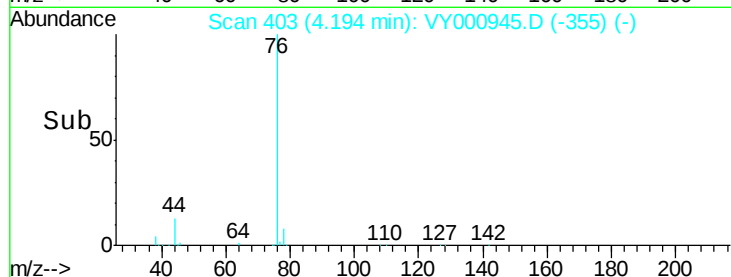
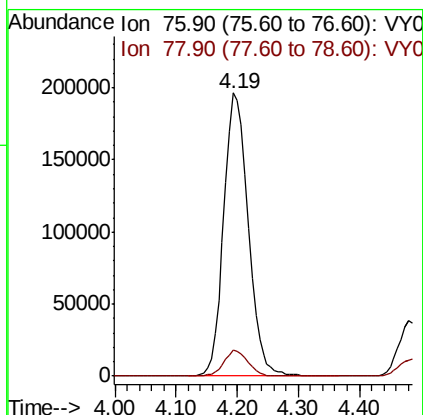
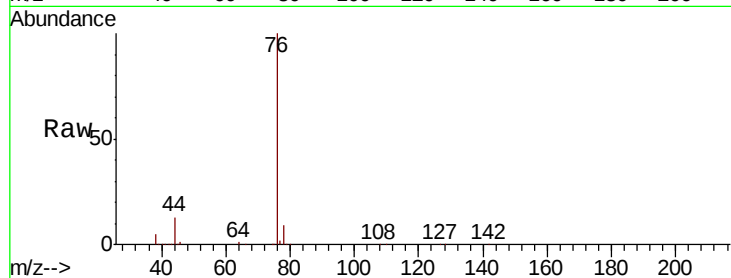




#17
Carbon Disulfide
Concen: 49.838 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

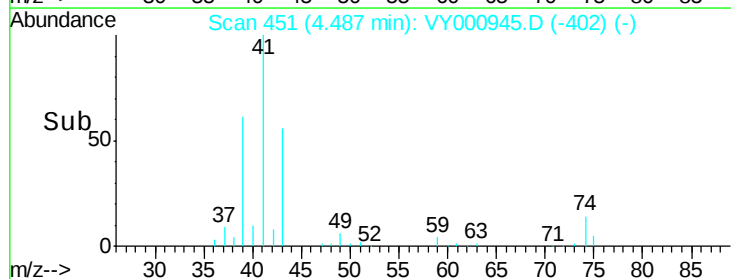
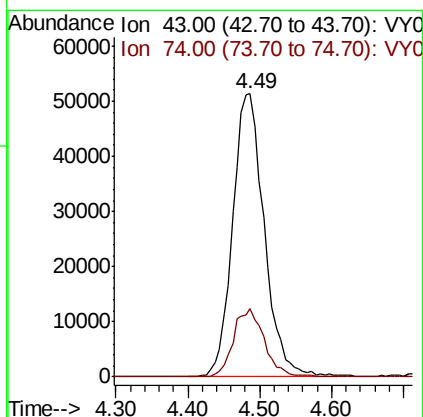
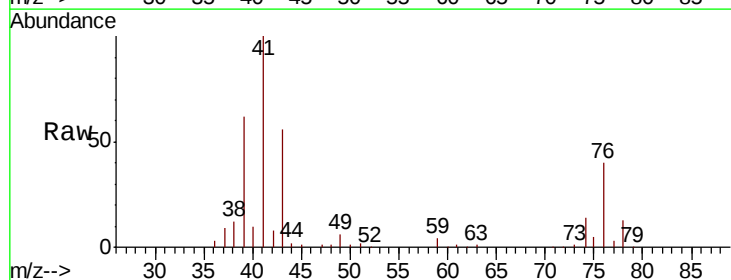
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

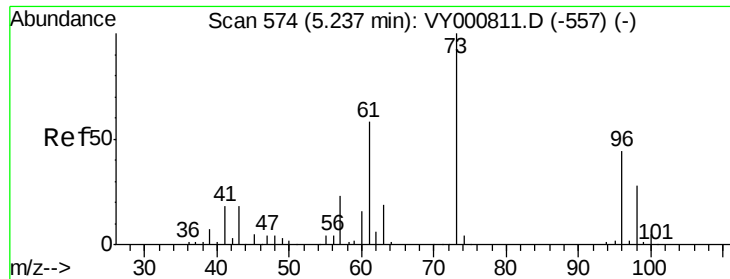
Tgt Ion: 76 Resp: 543256
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.002 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 43 Resp: 156651
Ion Ratio Lower Upper
43 100
74 23.6 18.5 27.7

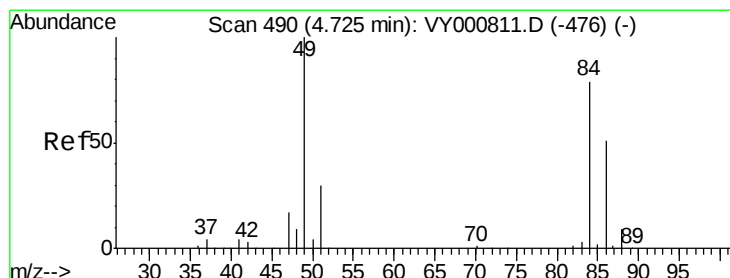
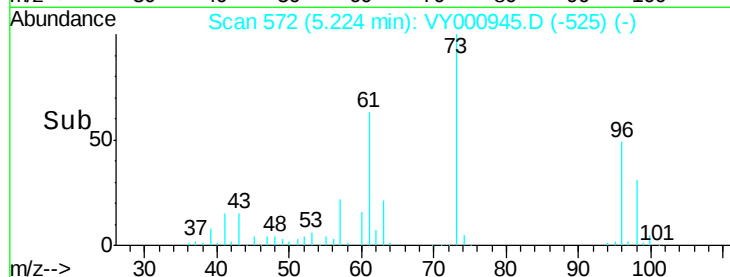
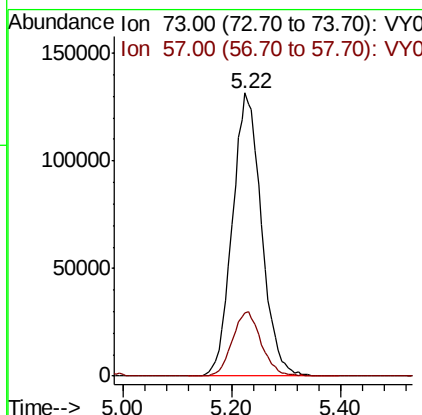
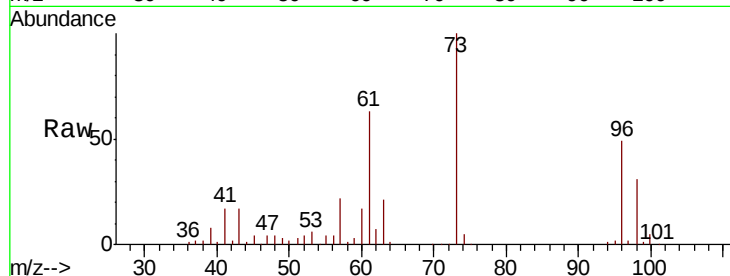




#19
Methyl tert-butyl Ether
Concen: 54.375 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

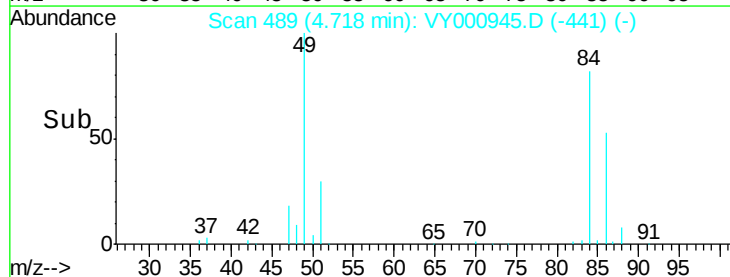
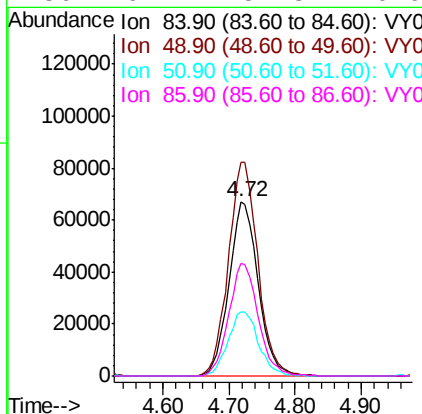
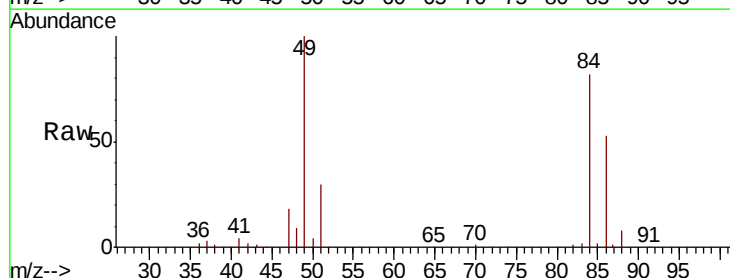
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

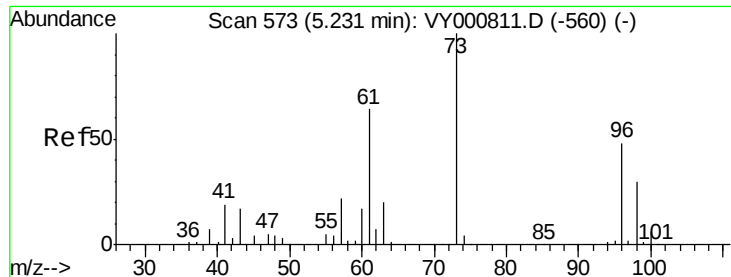
Tgt Ion: 73 Resp: 489422
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 51.808 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 84 Resp: 204618
Ion Ratio Lower Upper
84 100
49 122.2 101.3 151.9
51 36.9 30.6 45.8
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.257 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

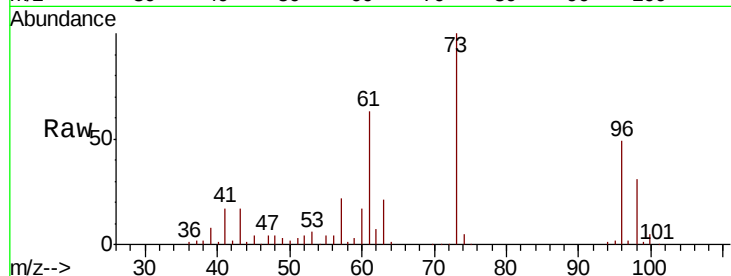
Tgt Ion: 96 Resp: 204014

Ion Ratio Lower Upper

96 100

61 129.3 105.9 158.9

98 63.2 49.4 74.2

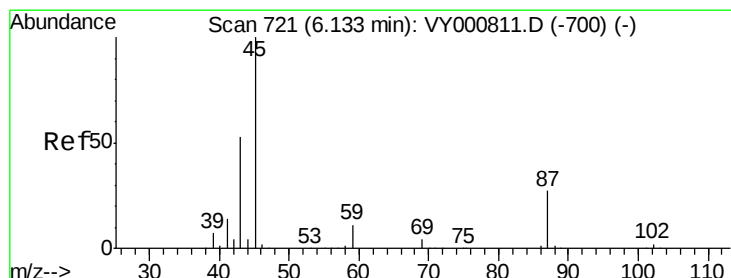
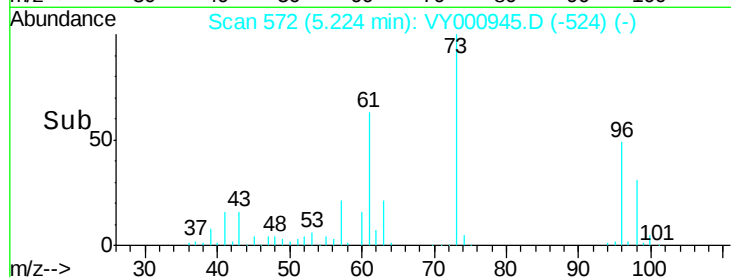
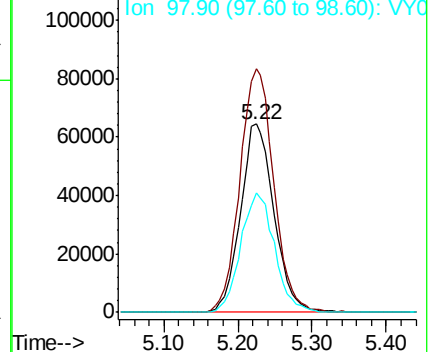


Abundance

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: 52.403 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion: 45 Resp: 622415

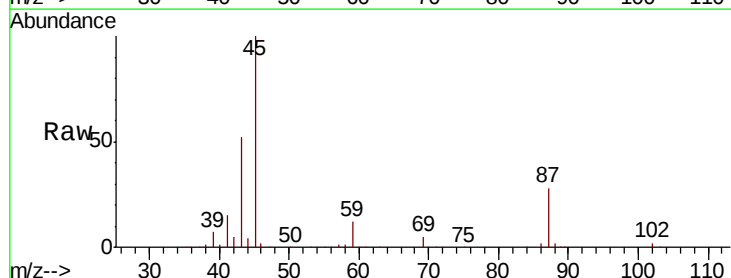
Ion Ratio Lower Upper

45 100

43 51.2 42.7 64.1

87 28.1 22.0 33.0

59 12.0 8.9 13.3



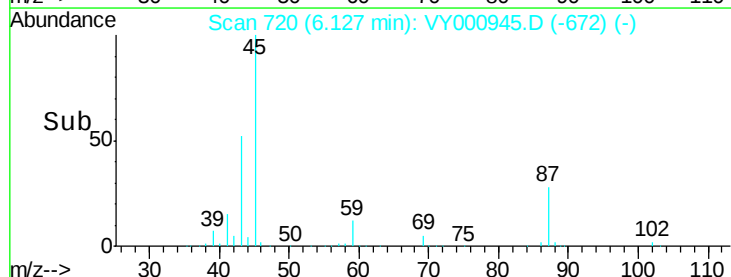
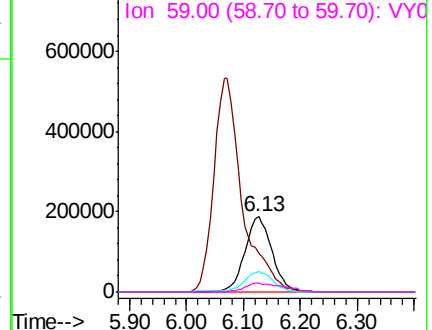
Abundance

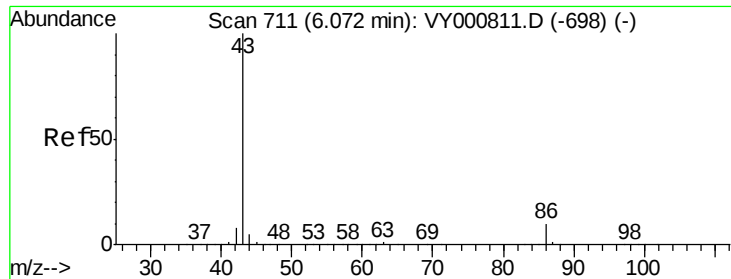
Ion 45.00 (44.70 to 45.70): VY0

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: 254.906 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

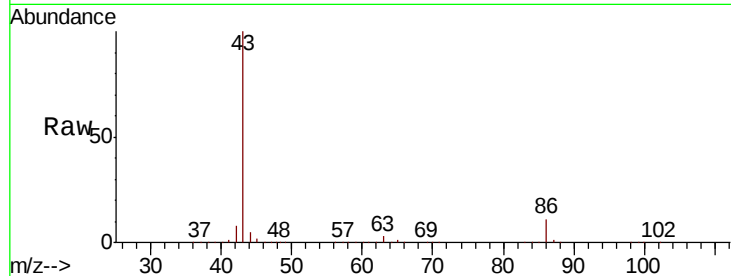
VSTDCCC050

Tgt Ion: 43 Resp: 1840614

Ion Ratio Lower Upper

43 100

86 11.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

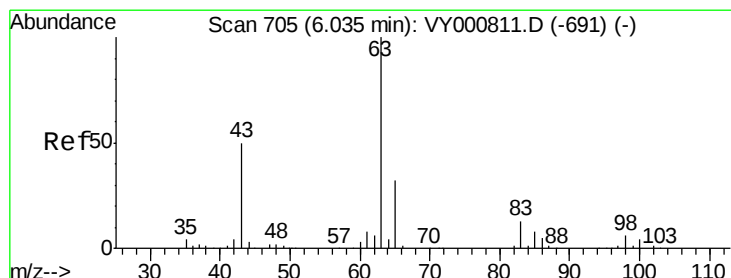
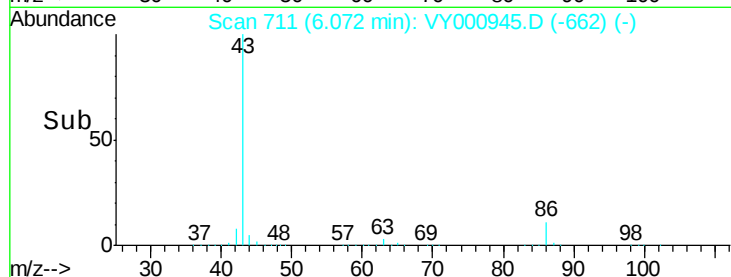
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.862 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

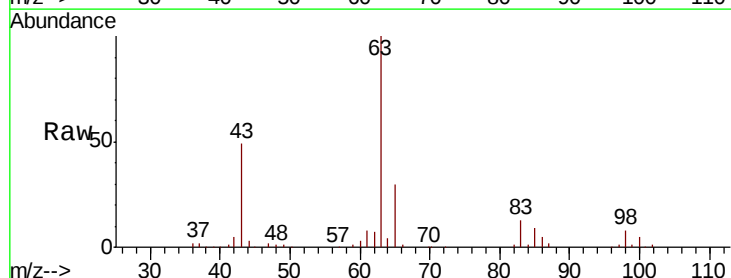
Tgt Ion: 63 Resp: 352603

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 5.0 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

6.03

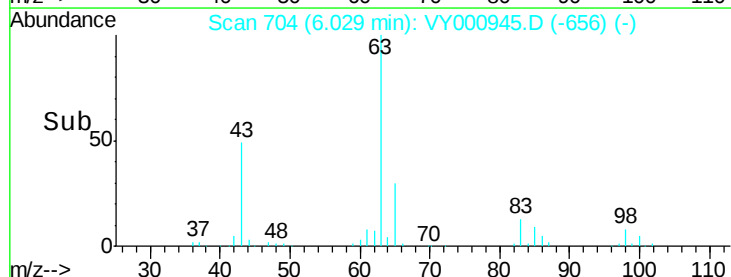
150000

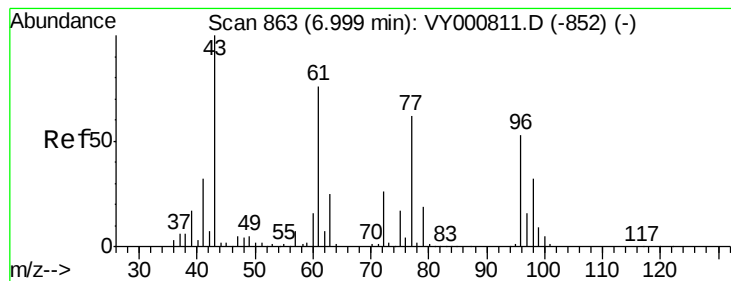
100000

50000

0

Time-->





#25

2-Butanone

Concen: 222.376 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

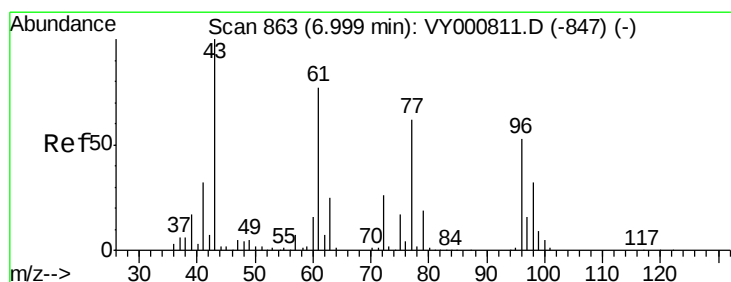
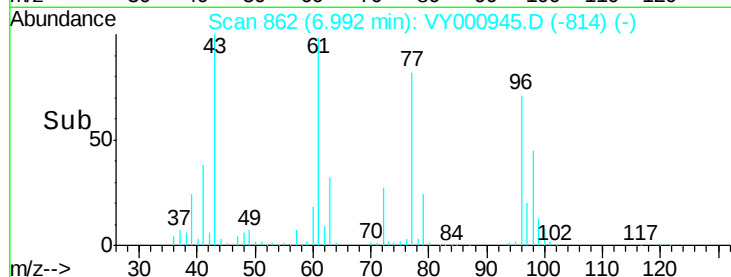
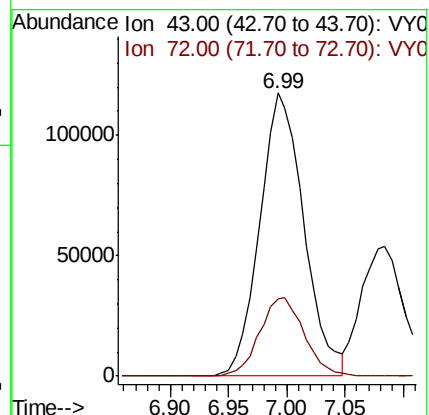
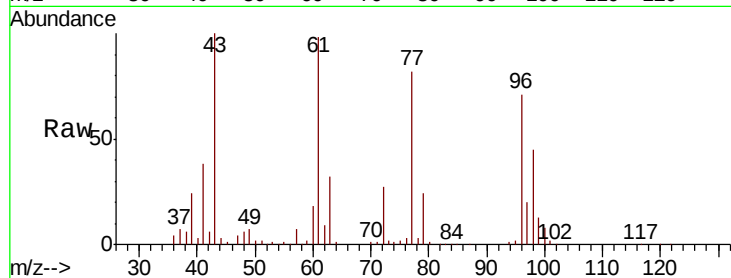
VSTDCCC050

Tgt Ion: 43 Resp: 307790

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 52.779 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000945.D

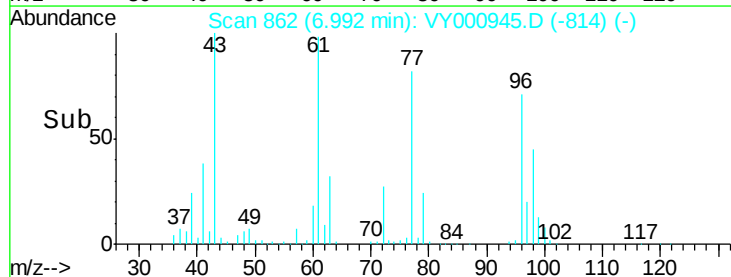
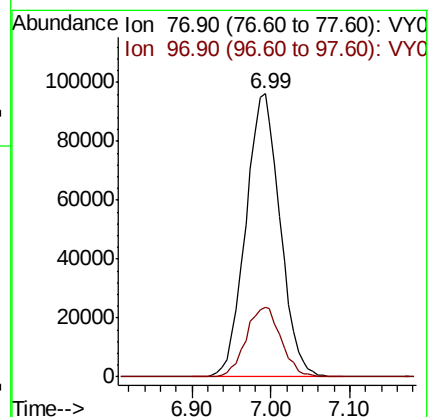
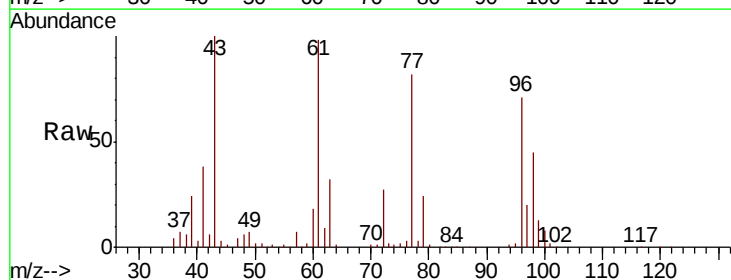
Acq: 16 Dec 2019 10:38

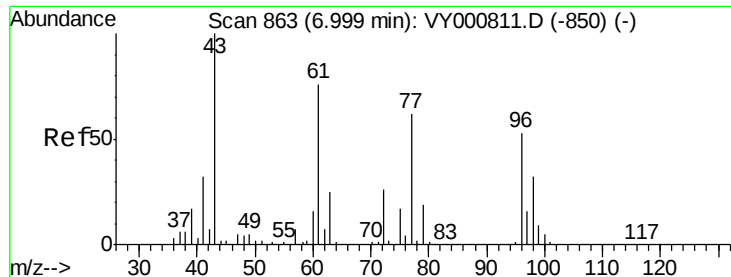
Tgt Ion: 77 Resp: 290800

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9

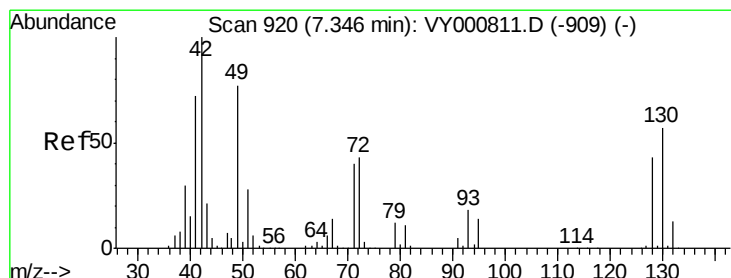
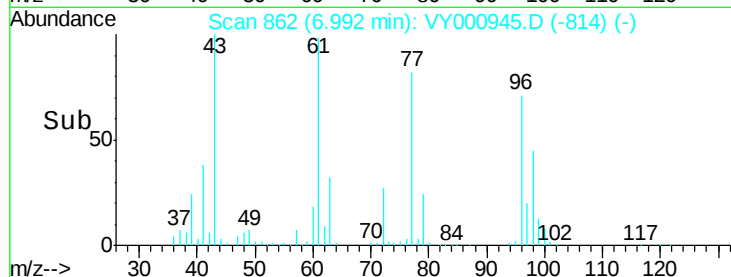
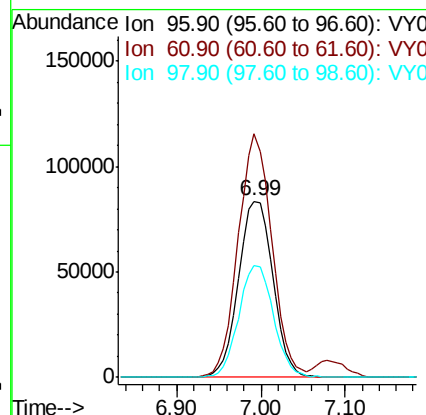
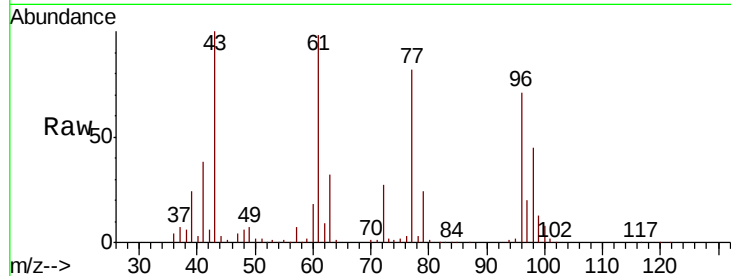




#27
 cis-1,2-Dichloroethene
 Concen: 55.904 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

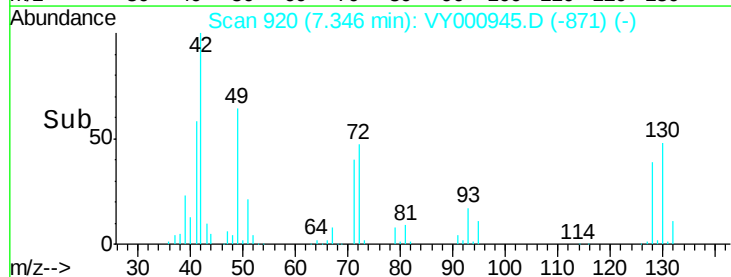
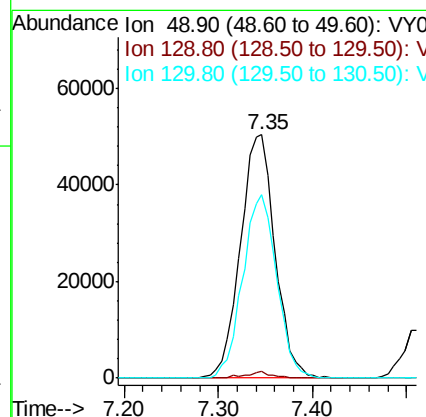
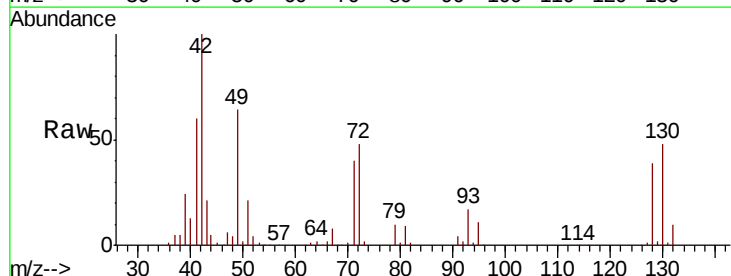
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

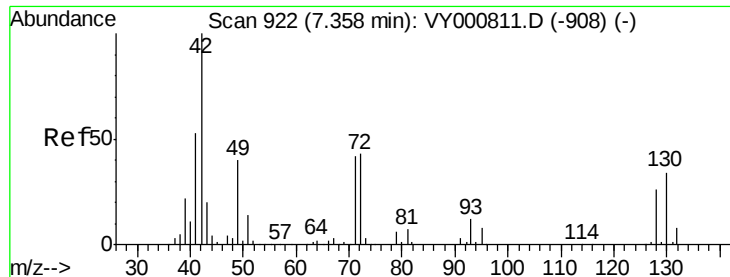
Tgt Ion: 96 Resp: 231491
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 285.0
 98 63.9 0.0 128.0



#28
 Bromochloromethane
 Concen: 53.751 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 49 Resp: 129394
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 74.1 58.7 88.1





#29

Tetrahydrofuran

Concen: 246.497 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

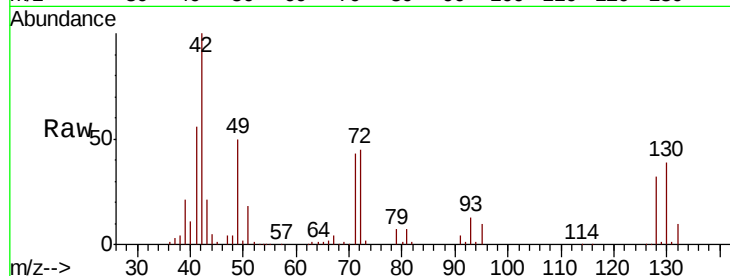
Tgt Ion: 42 Resp: 226081

Ion Ratio Lower Upper

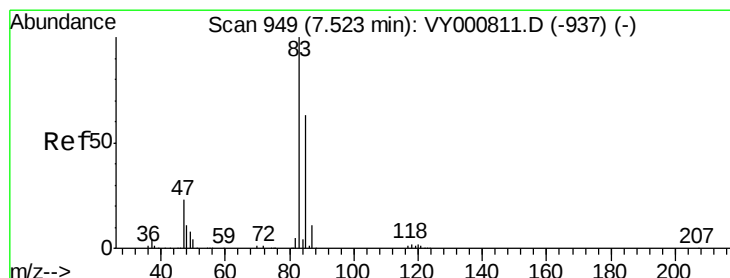
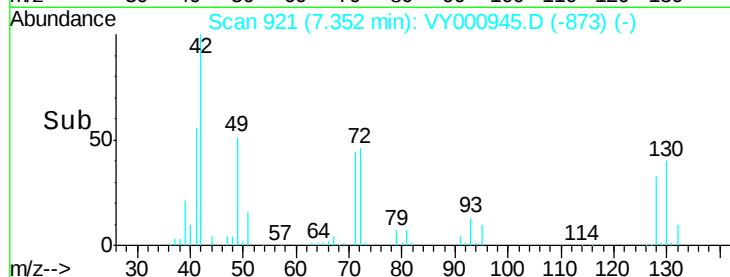
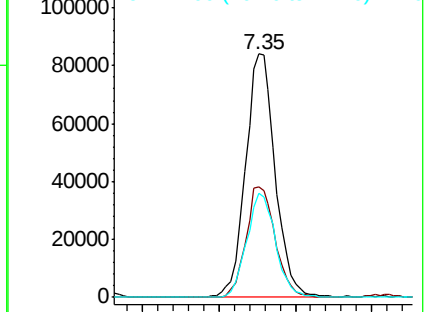
42 100

72 45.0 35.1 52.7

71 41.8 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: 51.703 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000945.D

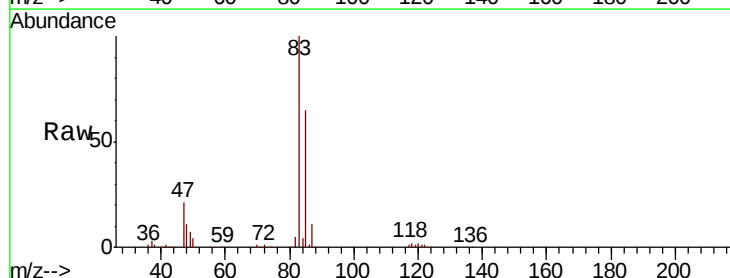
Acq: 16 Dec 2019 10:38

Tgt Ion: 83 Resp: 339540

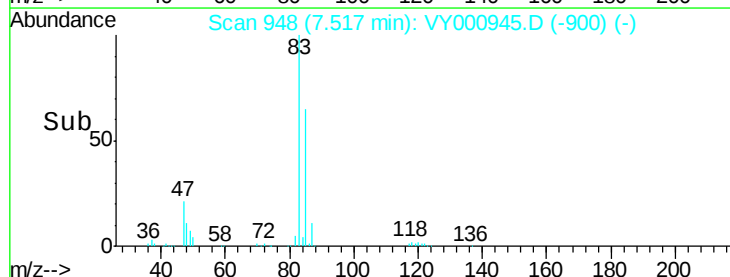
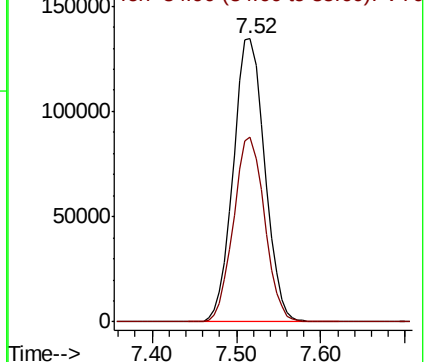
Ion Ratio Lower Upper

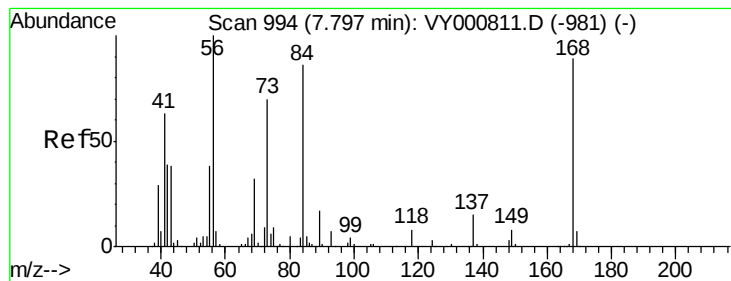
83 100

85 65.1 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: 48.781 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

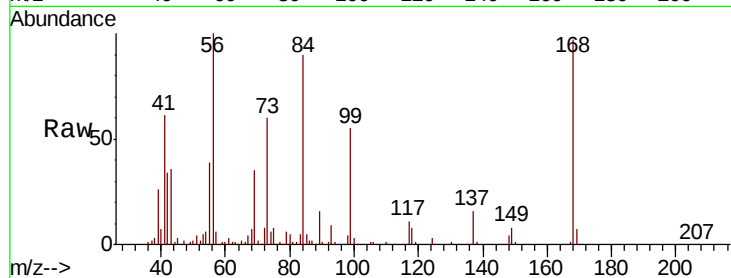
Tgt Ion: 56 Resp: 338296

Ion Ratio Lower Upper

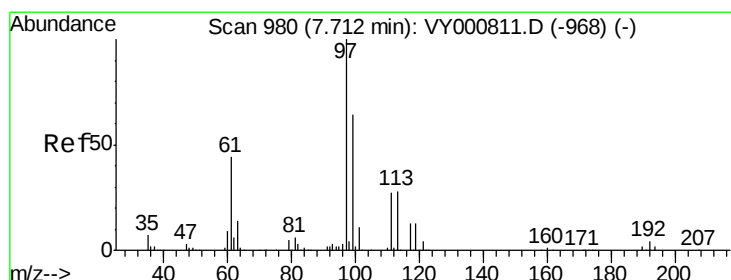
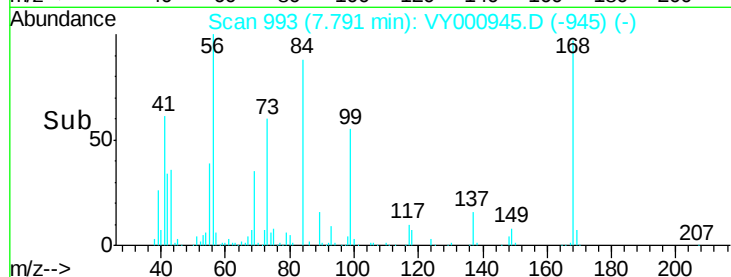
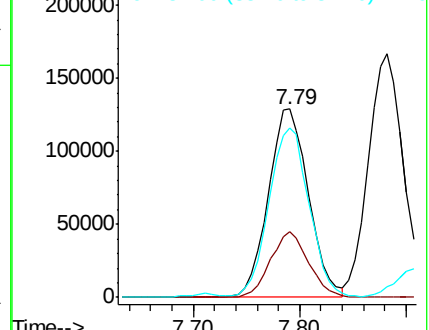
56 100

69 35.0 25.9 38.9

84 88.8 68.6 102.8



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



#32

1,1,1-Trichloroethane

Concen: 53.209 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

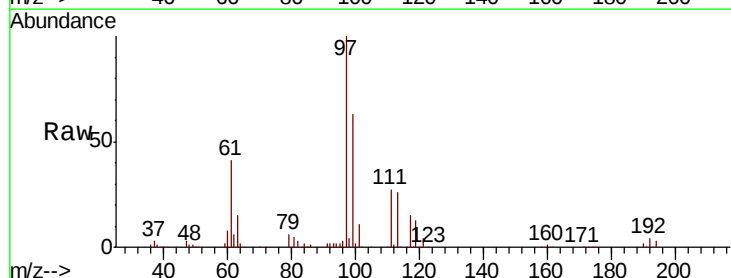
Tgt Ion: 97 Resp: 288544

Ion Ratio Lower Upper

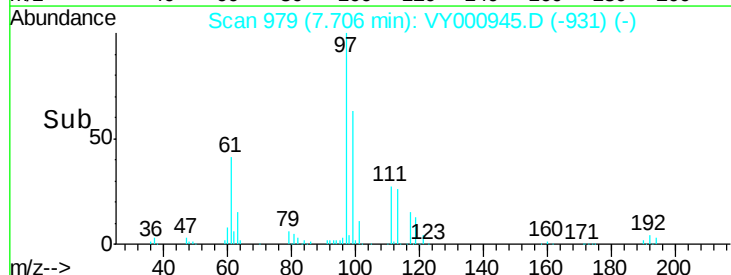
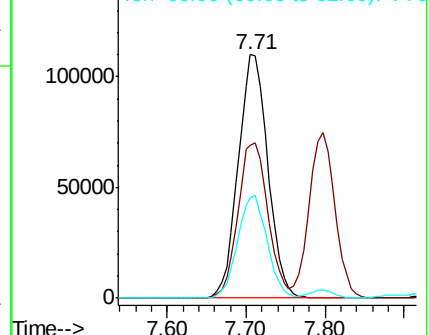
97 100

99 64.5 51.7 77.5

61 41.8 35.0 52.6



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





#33

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

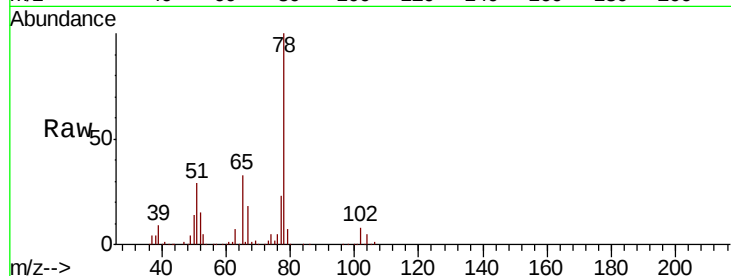
VSTDCCC050

Tgt Ion: 65 Resp: 158015

Ion Ratio Lower Upper

65 100

67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

60000

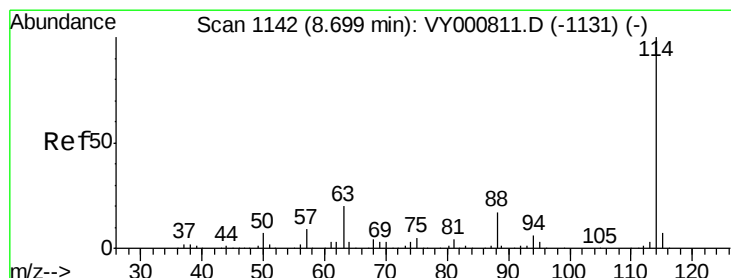
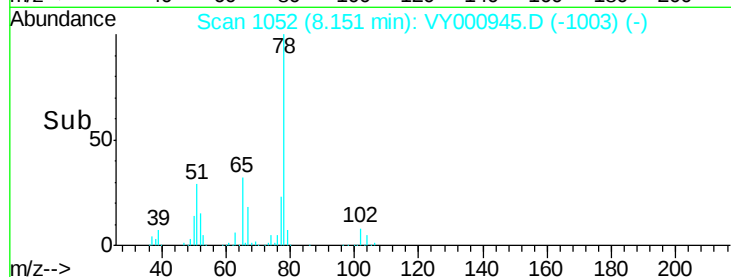
40000

20000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

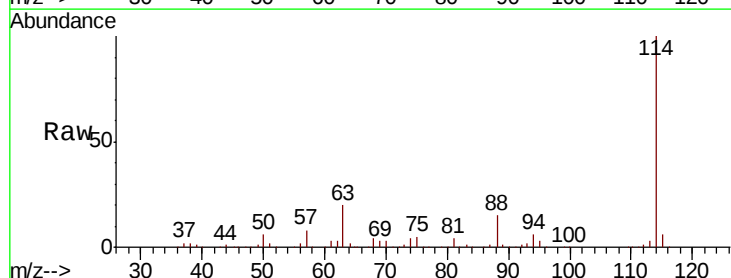
Tgt Ion: 114 Resp: 538113

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

88 15.2 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

8.69

300000

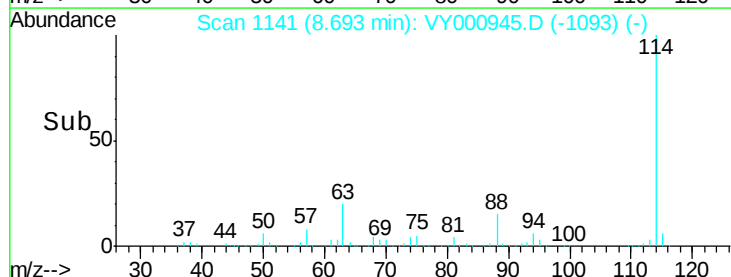
200000

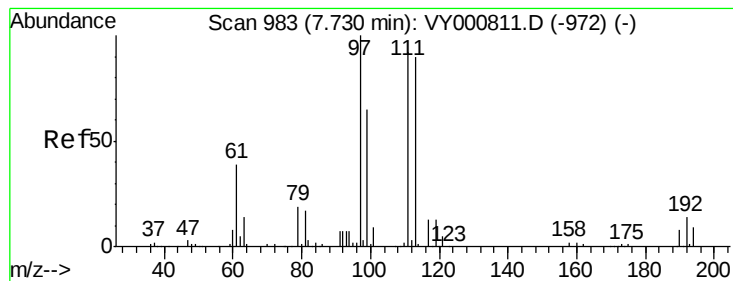
100000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 50.096 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

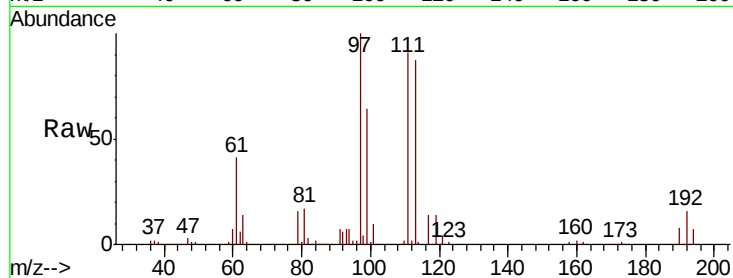
Tgt Ion:113 Resp: 157106

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

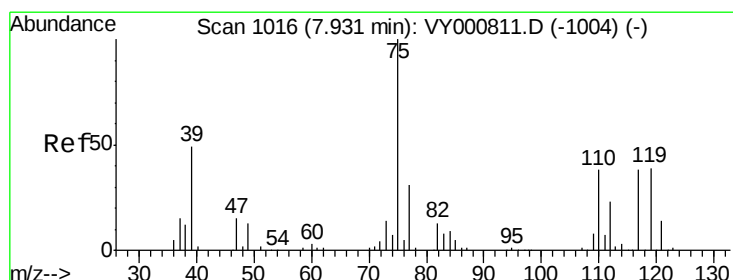
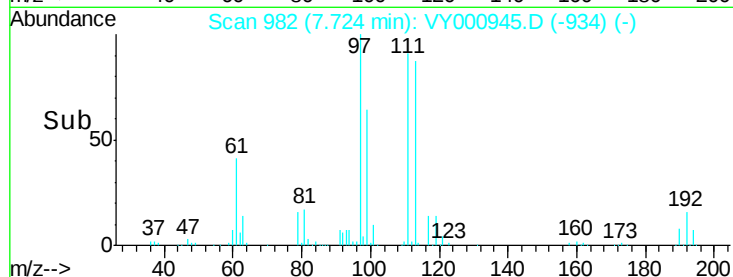
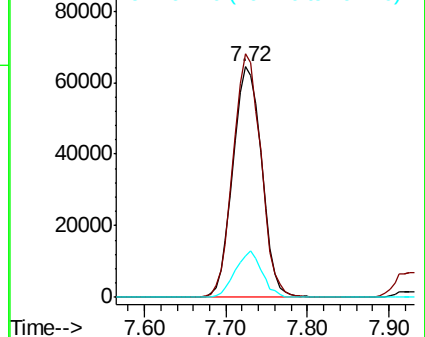
192 18.7 14.2 21.2



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: 51.942 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

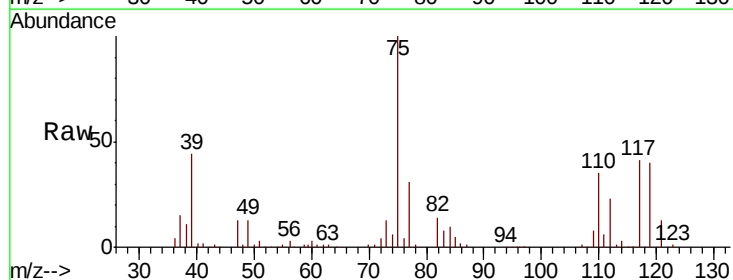
Tgt Ion: 75 Resp: 277916

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

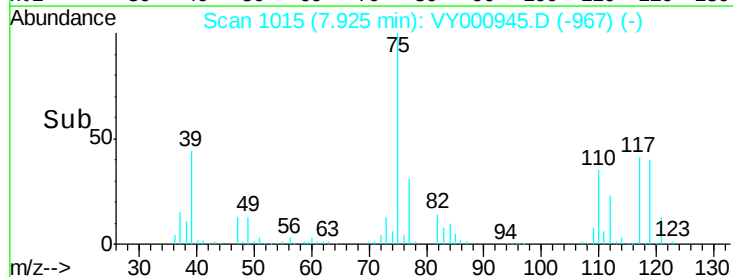
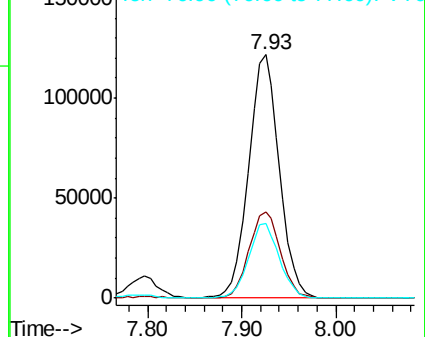
77 30.8 24.7 37.1

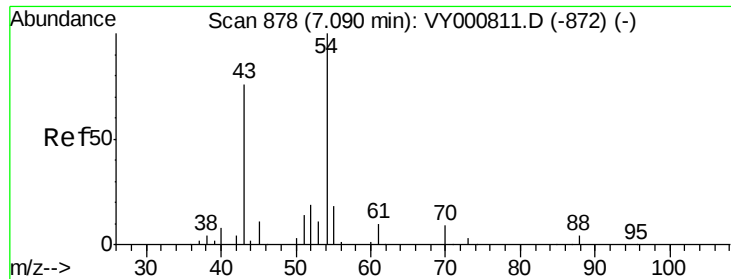


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

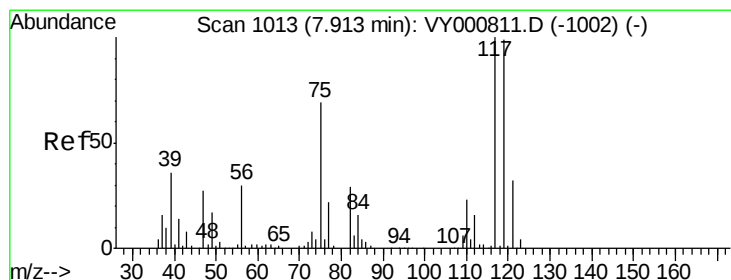
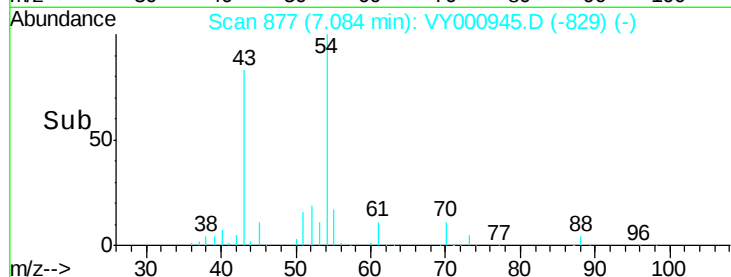
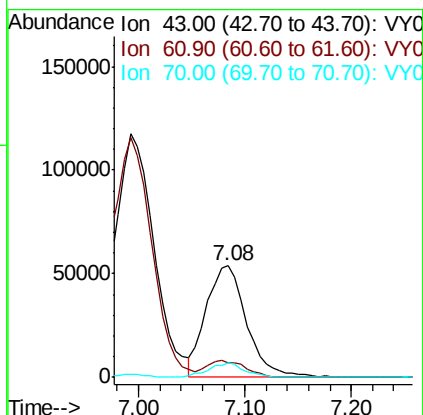
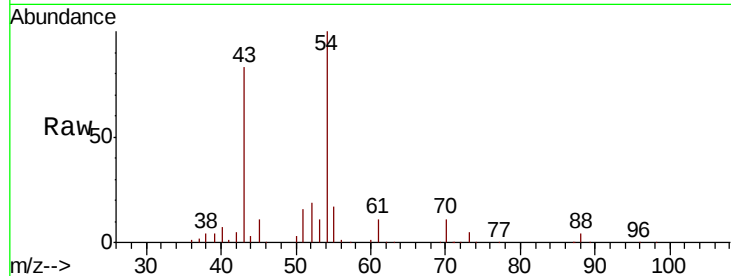




#37
Ethyl Acetate
Concen: 45.454 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

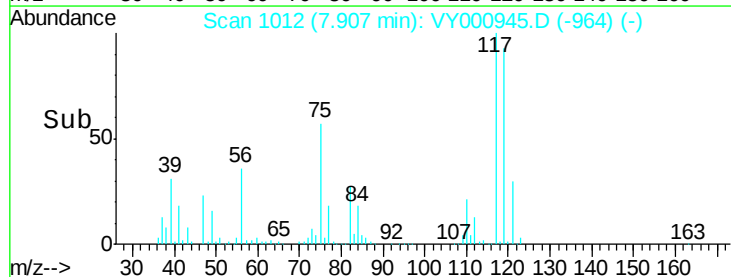
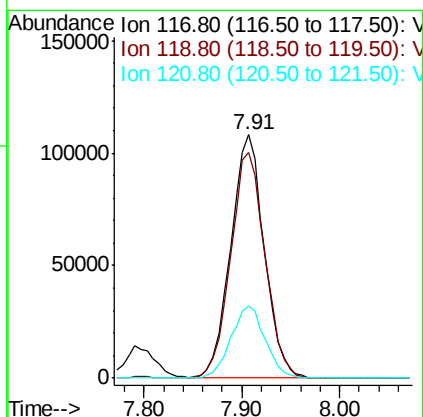
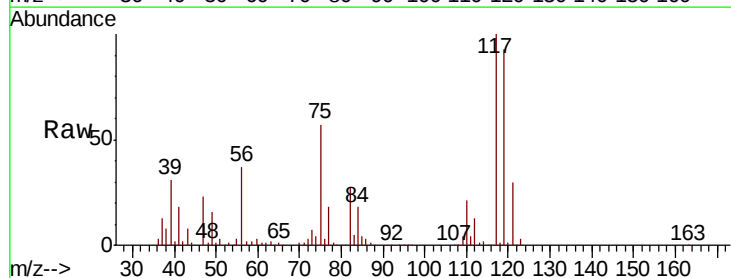
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

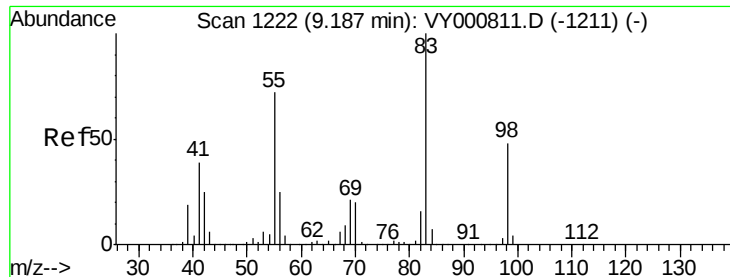
Tgt Ion: 43 Resp: 140426
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 11.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.803 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 117 Resp: 256367
Ion Ratio Lower Upper
117 100
119 92.6 79.3 118.9
121 29.6 25.5 38.3

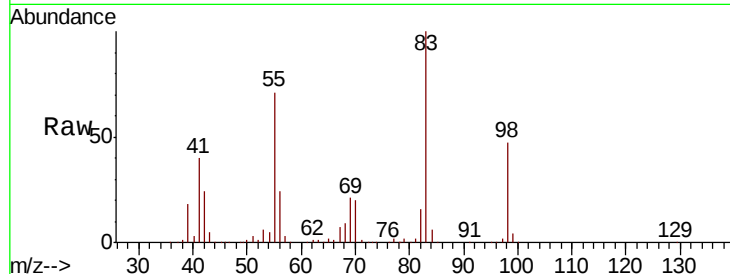




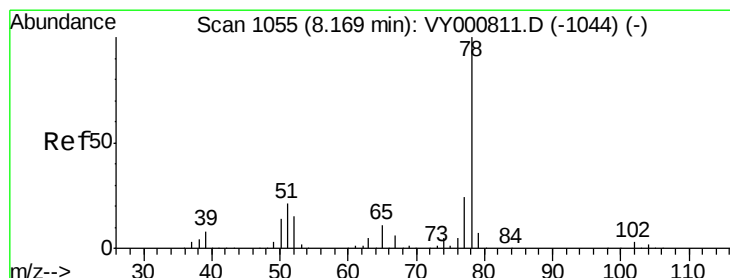
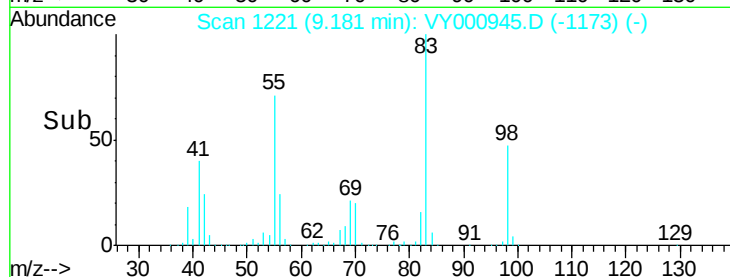
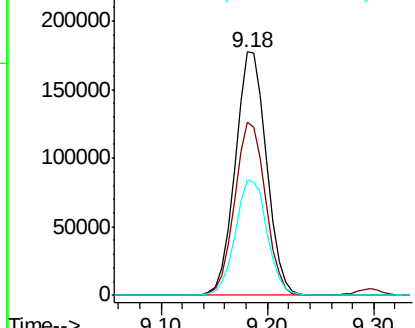
#39
Methylcyclohexane
Concen: 51.607 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 365831
Ion Ratio Lower Upper
83 100
55 71.0 57.8 86.6
98 47.3 38.6 58.0

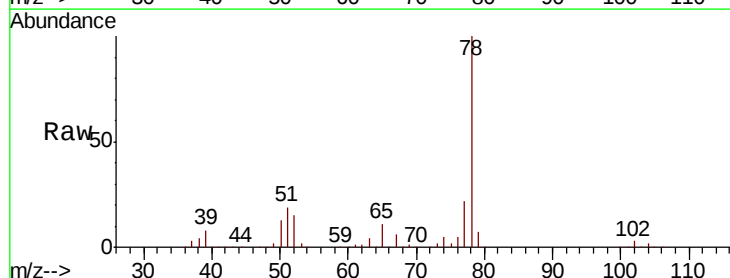


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

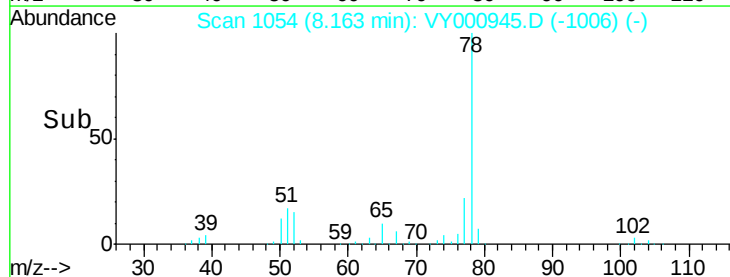
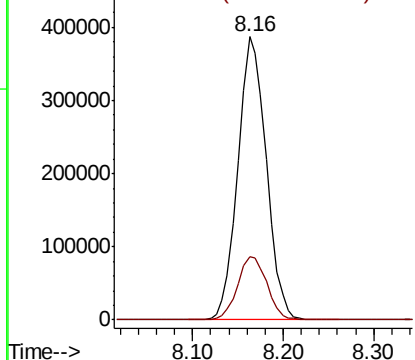


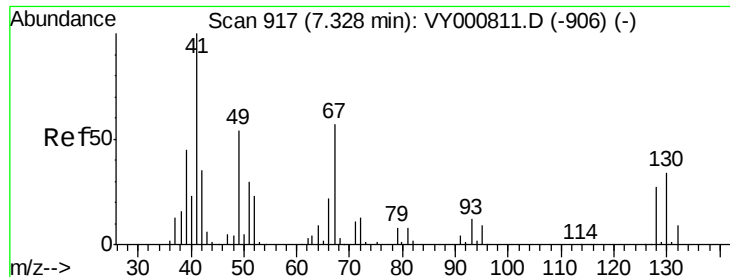
#40
Benzene
Concen: 53.801 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 78 Resp: 838482
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8



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

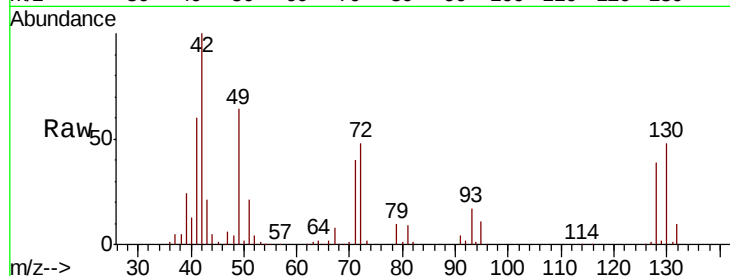




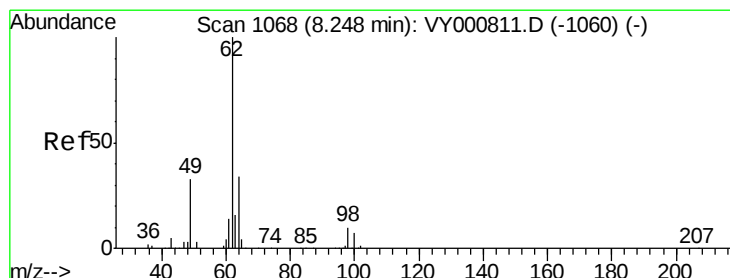
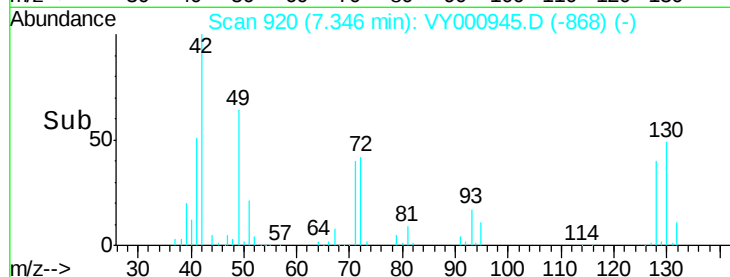
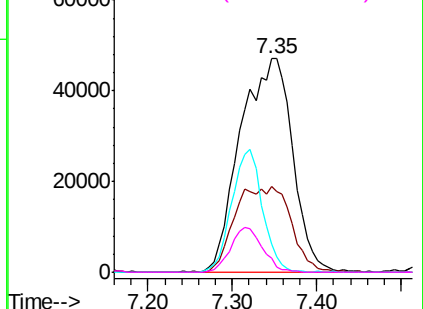
#41
Methacrylonitrile
Concen: 122.374 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	199261
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

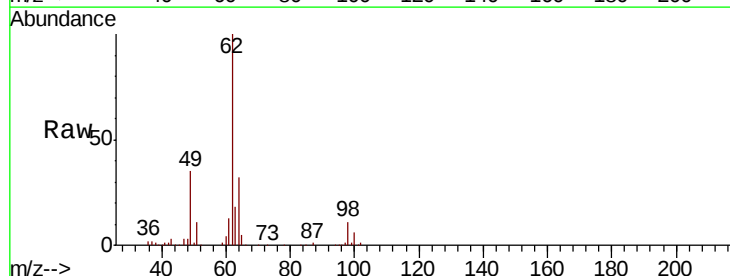


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

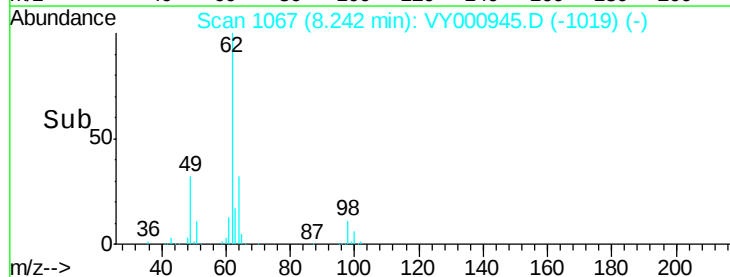
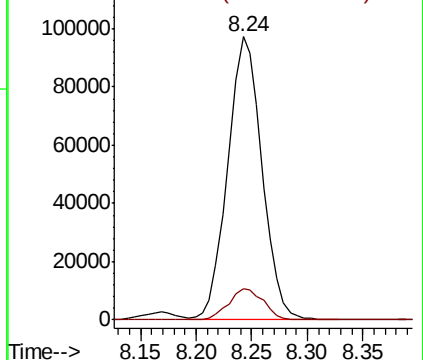


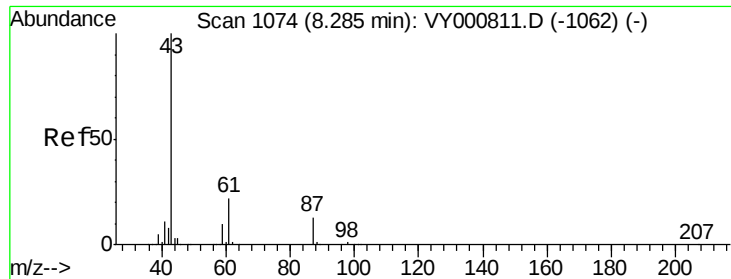
#42
1,2-Dichloroethane
Concen: 50.683 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion:	62	Resp:	207735
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.4



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





#43

Isopropyl Acetate

Concen: 48.386 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

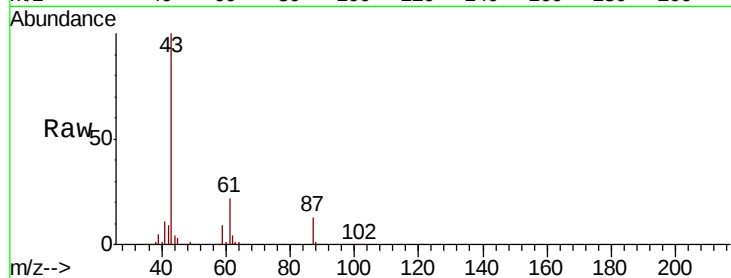
Tgt Ion: 43 Resp: 281704

Ion Ratio Lower Upper

43 100

61 31.3 23.7 35.5

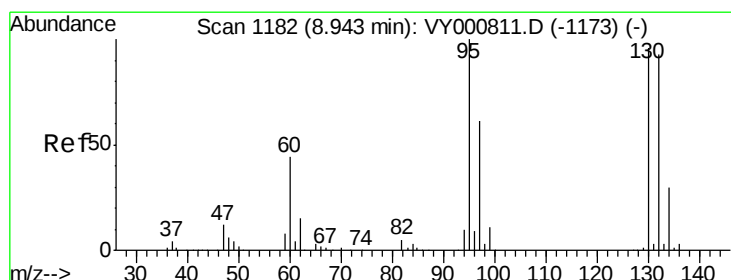
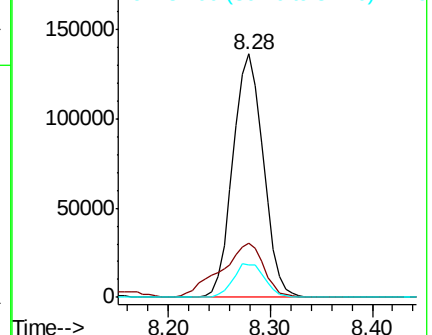
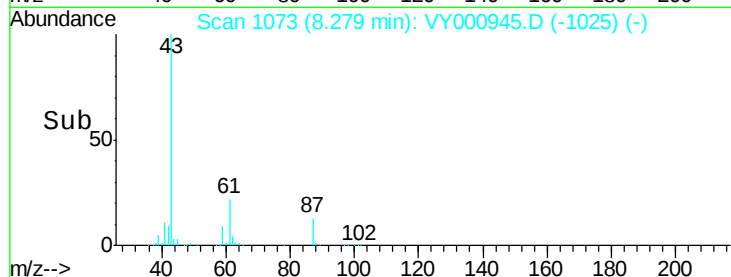
87 14.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000945.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY000945.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY000945.D (-1025) (-)



#44

Trichloroethene

Concen: 54.834 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000945.D

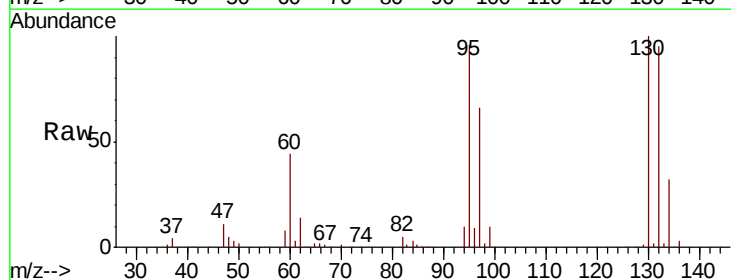
Acq: 16 Dec 2019 10:38

Tgt Ion: 130 Resp: 219628

Ion Ratio Lower Upper

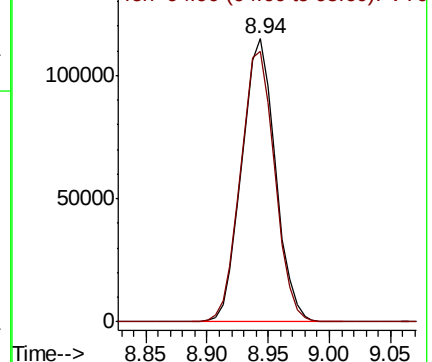
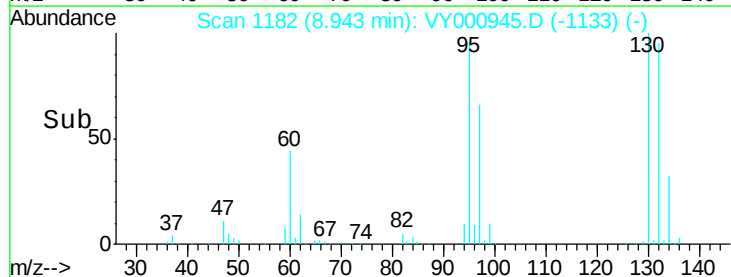
130 100

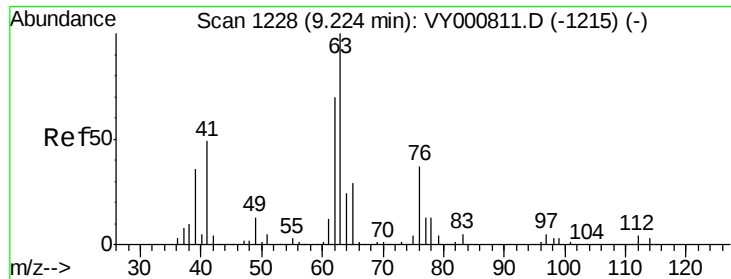
95 95.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000945.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000945.D (-1133) (-)

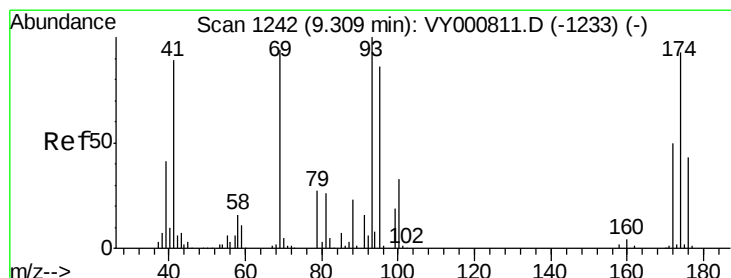
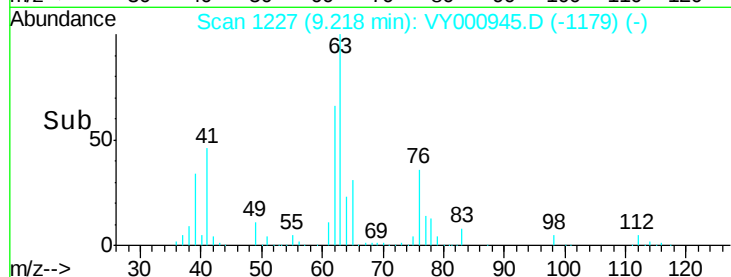
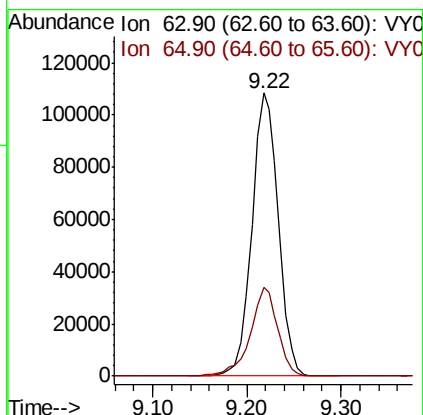
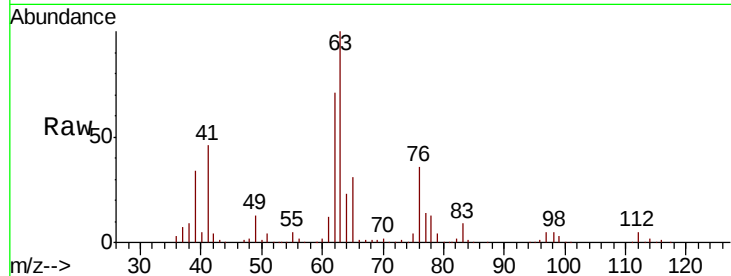




#45
 1,2-Dichloropropane
 Concen: 54.449 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

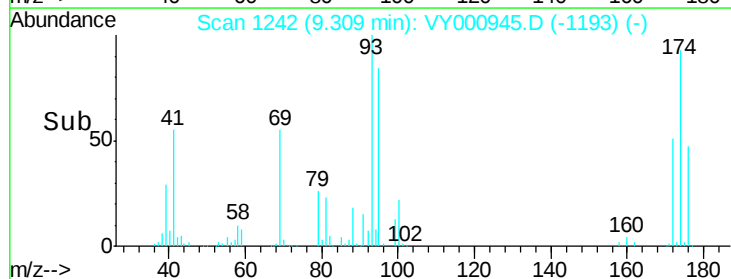
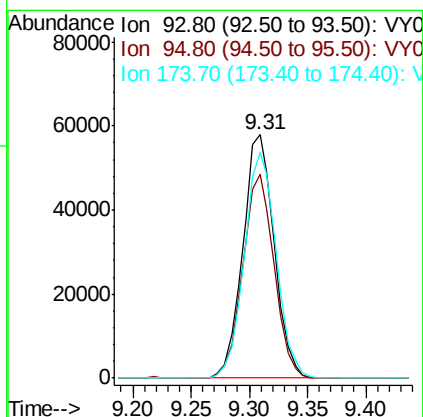
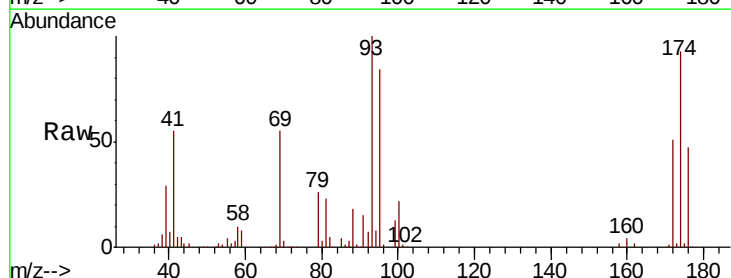
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

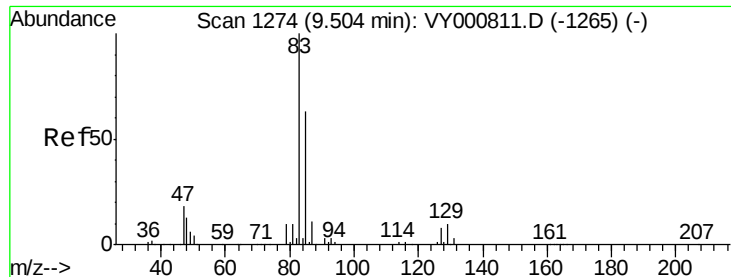
Tgt Ion: 63 Resp: 213151
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.2 34.8



#46
 Dibromomethane
 Concen: 53.252 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 93 Resp: 108921
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 93.7 73.0 109.6

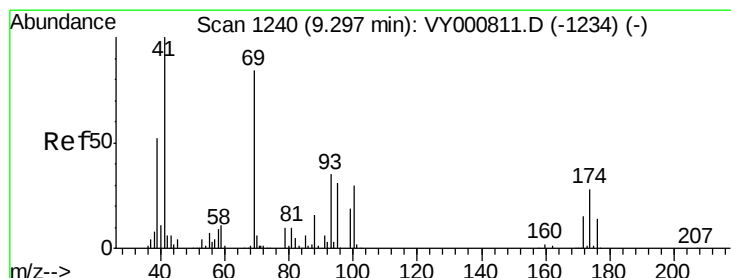
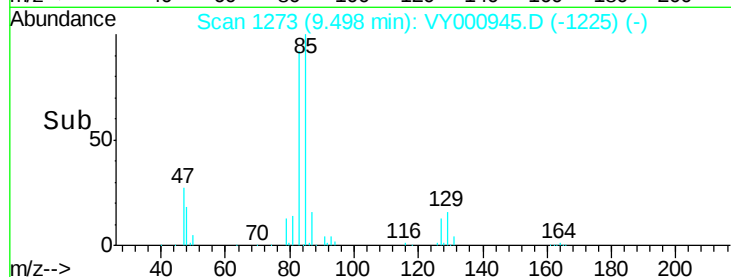
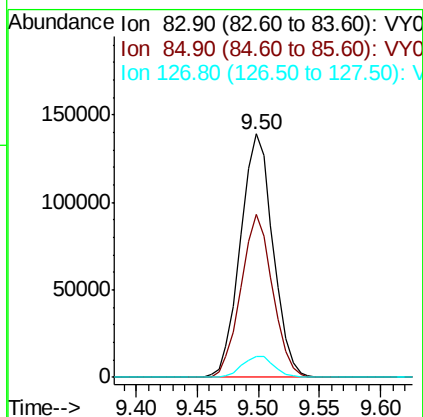
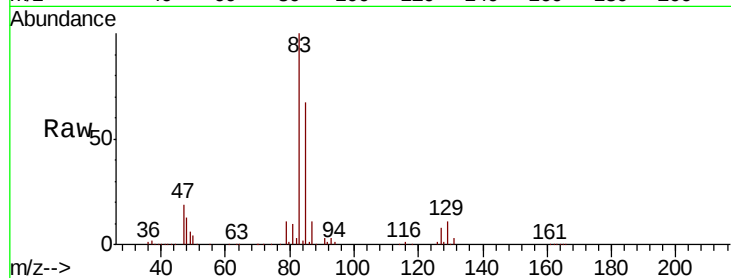




#47
Bromodichloromethane
Concen: 53.667 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

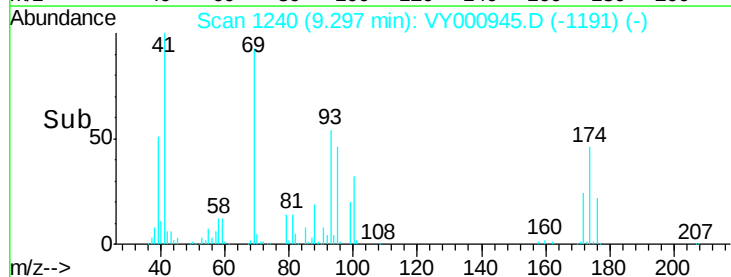
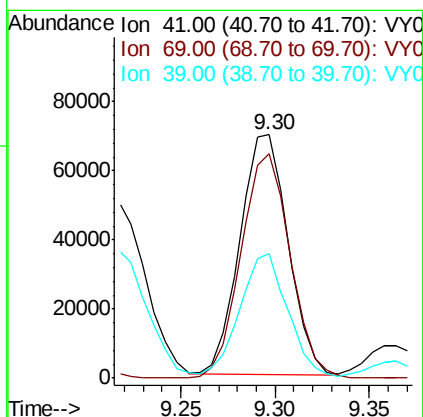
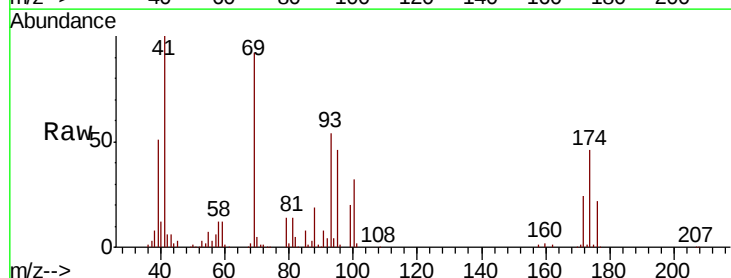
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

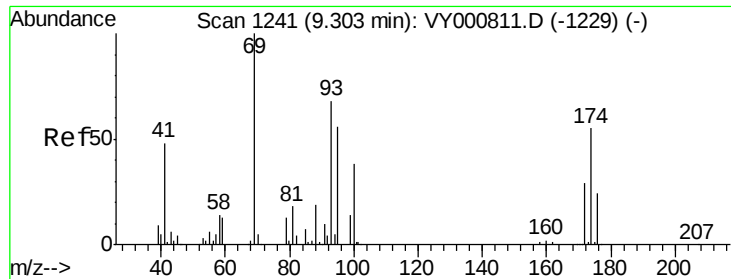
Tgt Ion: 83 Resp: 257865
Ion Ratio Lower Upper
83 100
85 67.1 50.8 76.2
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 48.311 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 41 Resp: 123683
Ion Ratio Lower Upper
41 100
69 95.1 70.4 105.6
39 51.7 40.9 61.3

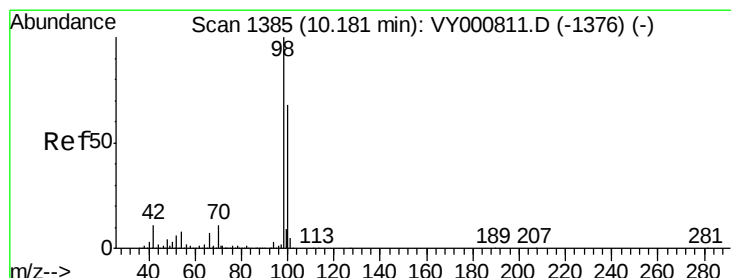
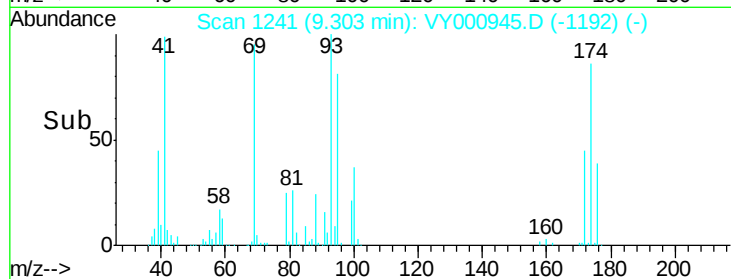
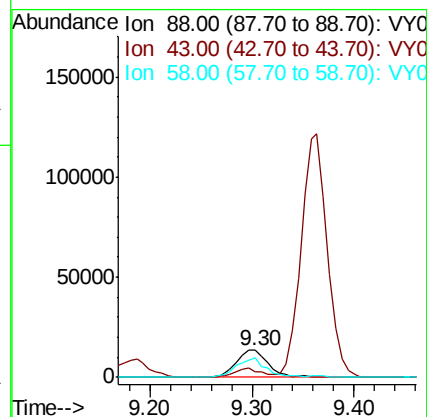
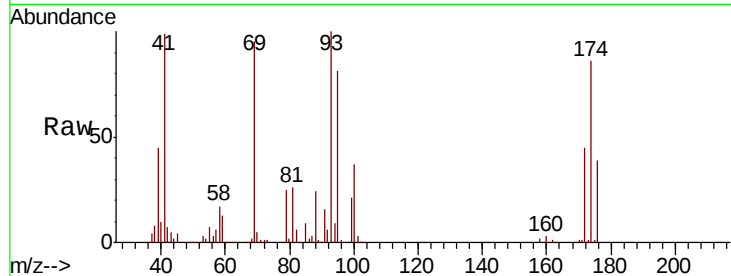




#49
1,4-Dioxane
Concen: 1019.062 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

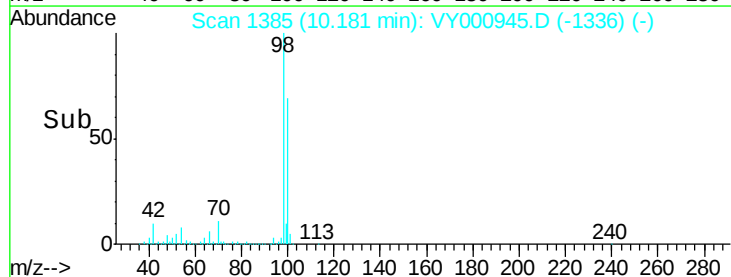
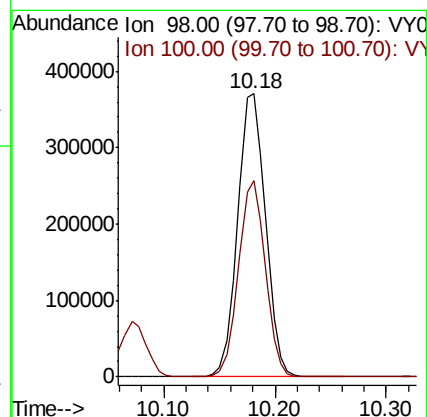
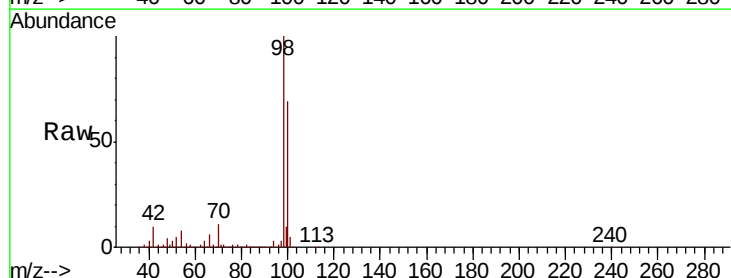
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

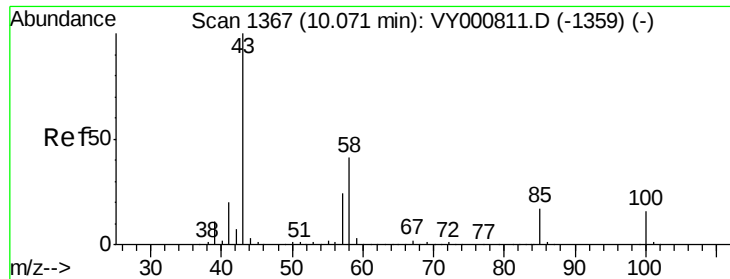
Tgt Ion: 88 Resp: 29534
Ion Ratio Lower Upper
88 100
43 27.5 21.1 31.7
58 66.2 50.7 76.1



#50
Toluene-d8
Concen: 51.116 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 98 Resp: 640900
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 241.002 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

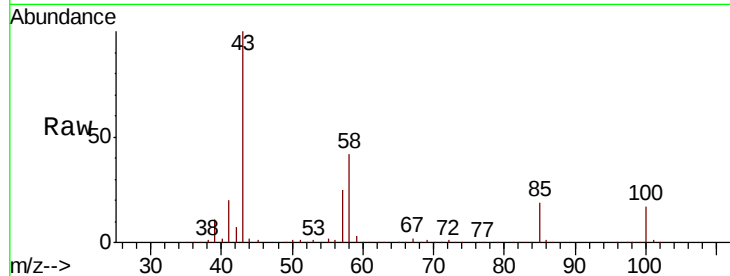
VSTDCCC050

Tgt Ion: 43 Resp: 724951

Ion Ratio Lower Upper

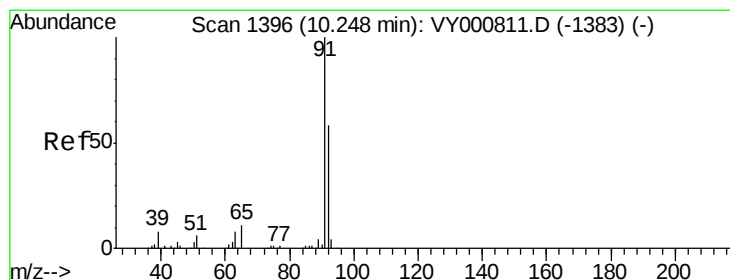
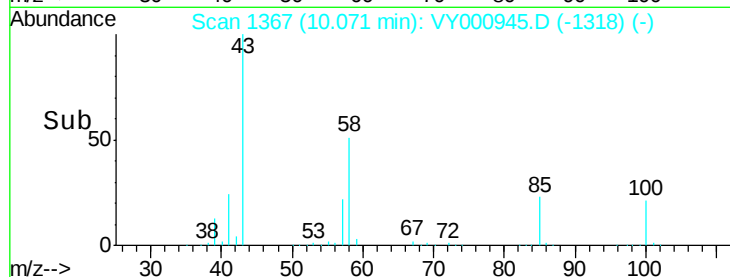
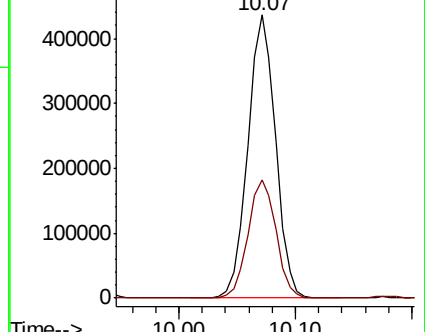
43 100

58 42.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)



#52

Toluene

Concen: 53.591 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000945.D

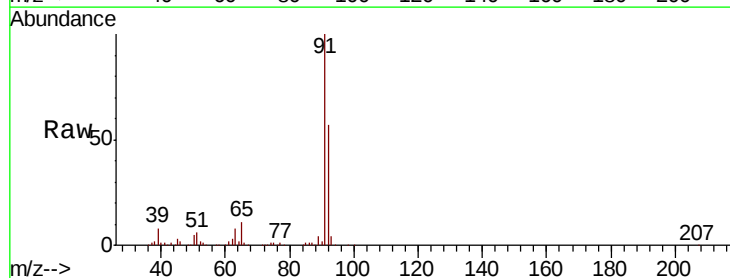
Acq: 16 Dec 2019 10:38

Tgt Ion: 92 Resp: 517127

Ion Ratio Lower Upper

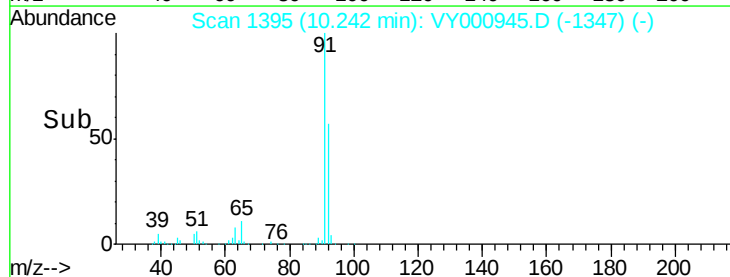
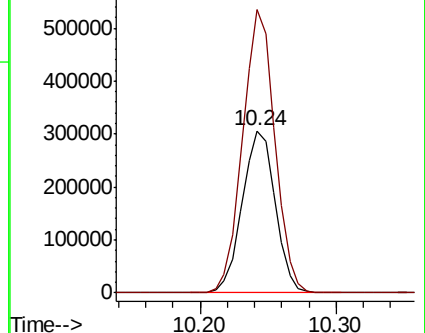
92 100

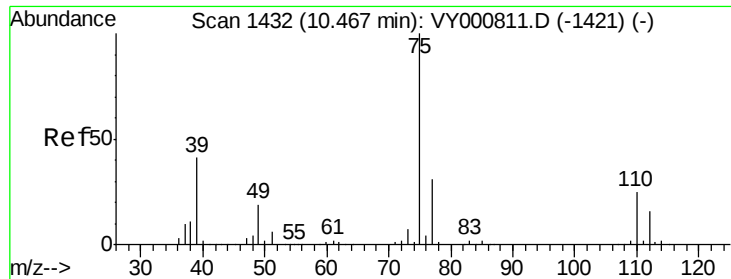
91 171.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)





#53

t-1,3-Dichloropropene

Concen: 54.685 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

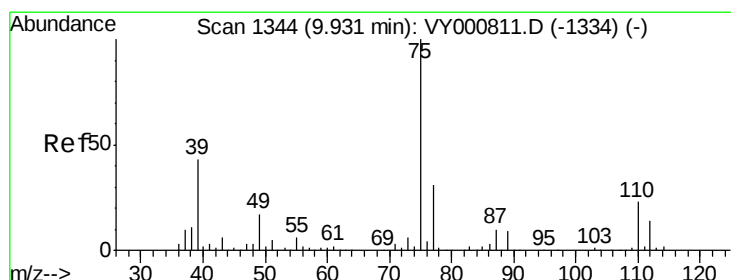
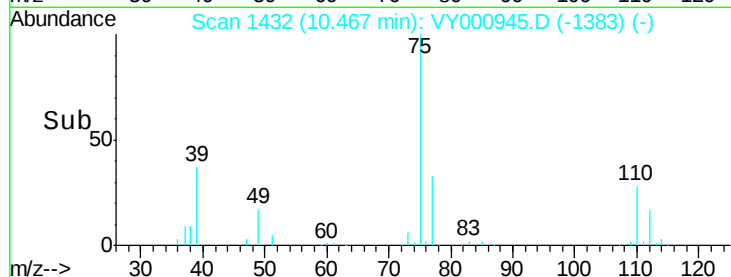
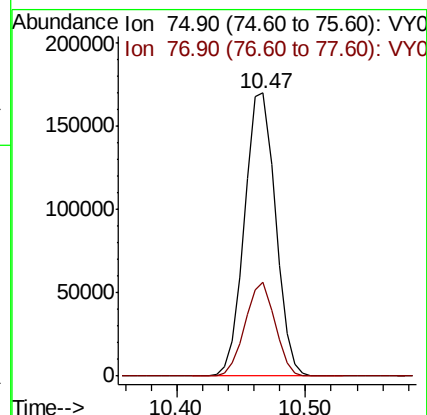
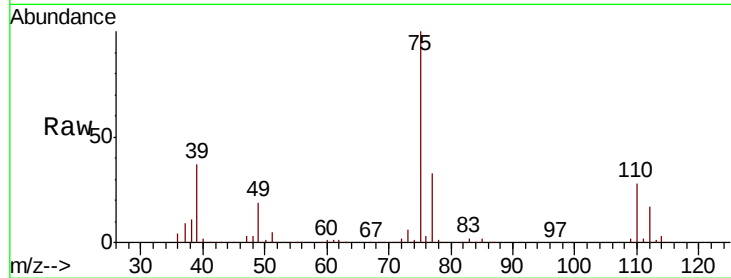
VSTDCCC050

Tgt Ion: 75 Resp: 282301

Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.206 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

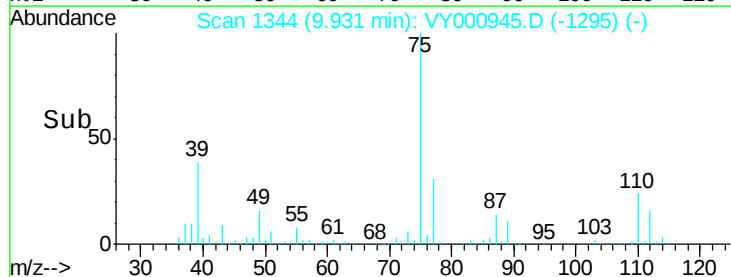
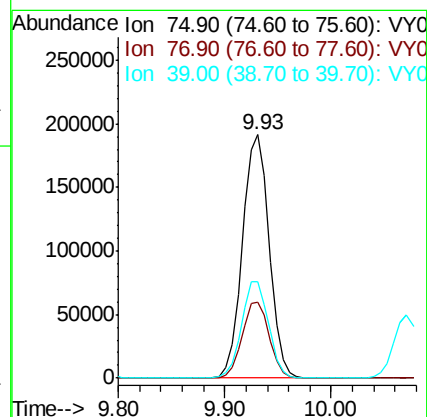
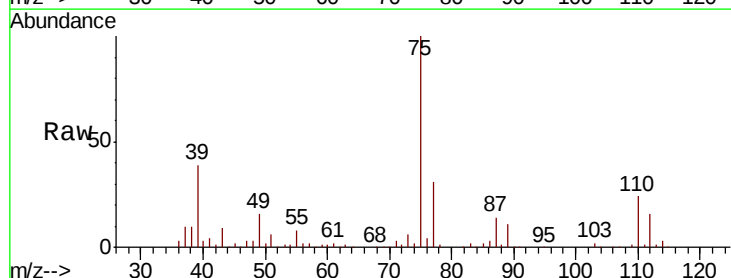
Tgt Ion: 75 Resp: 336857

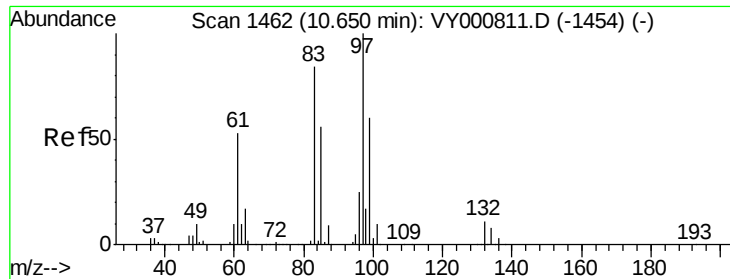
Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1

39 39.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 53.838 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 162694

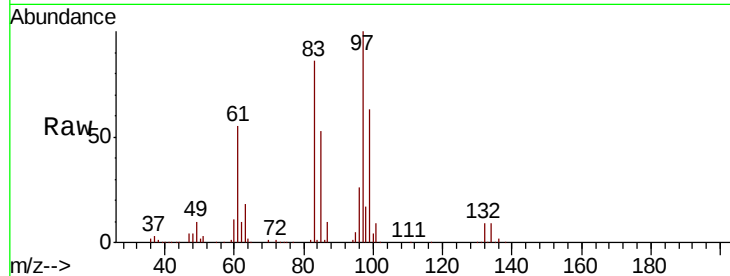
Ion Ratio Lower Upper

97 100

83 86.0 67.5 101.3

85 53.4 44.5 66.7

99 62.7 47.7 71.5



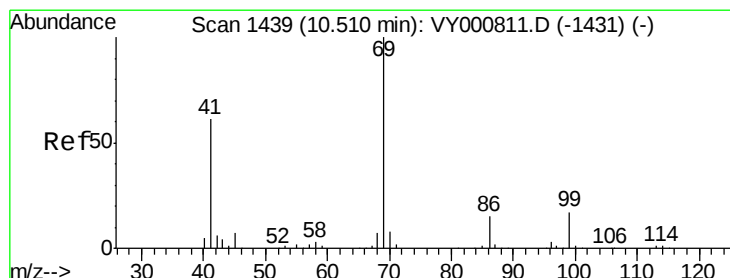
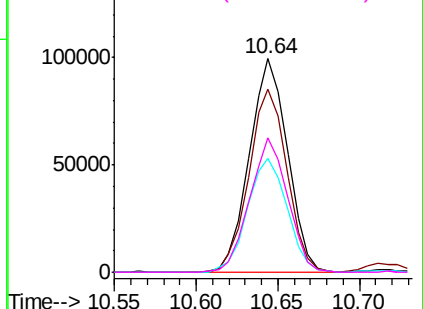
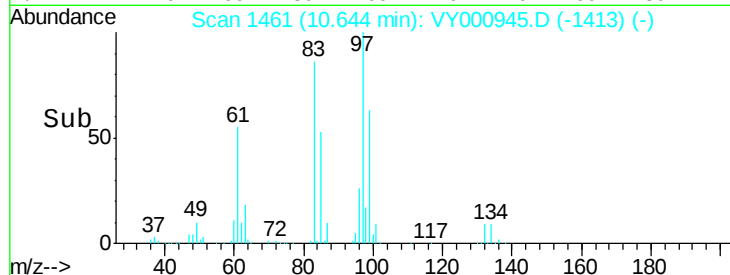
Abundance

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: 53.712 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

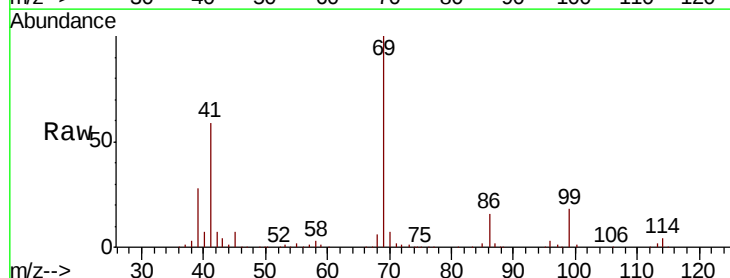
Tgt Ion: 69 Resp: 232194

Ion Ratio Lower Upper

69 100

41 57.7 49.0 73.6

39 28.9 23.1 34.7

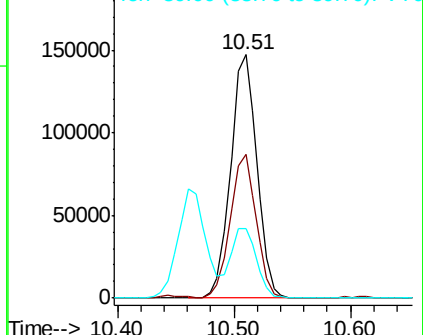
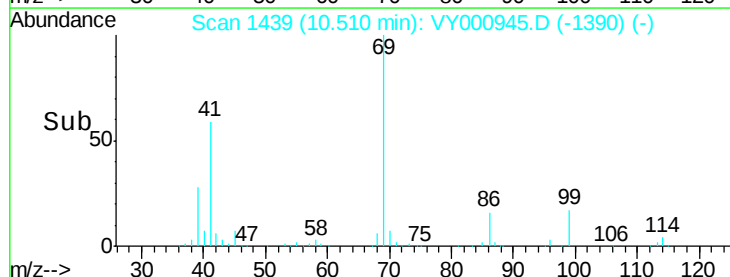


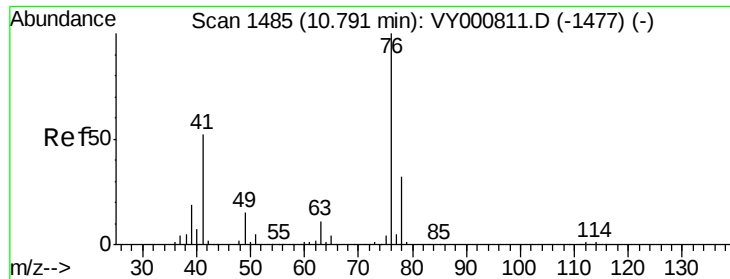
Abundance

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: 53.509 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

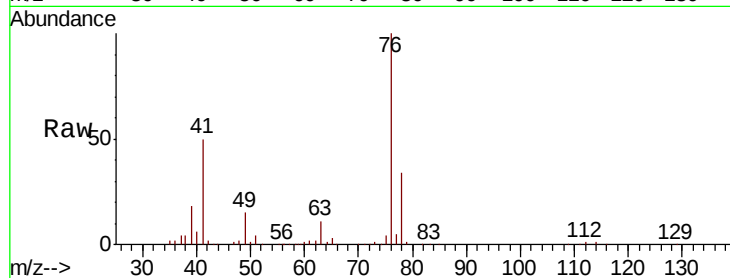
VSTDCCC050

Tgt Ion: 76 Resp: 281825

Ion Ratio Lower Upper

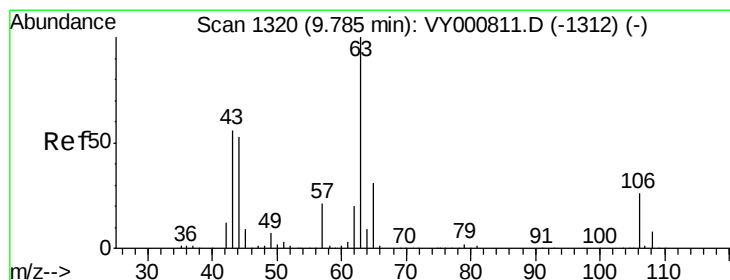
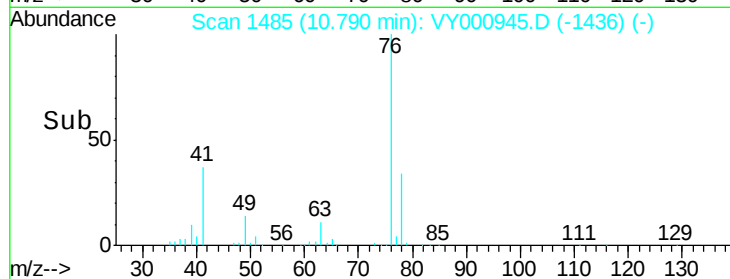
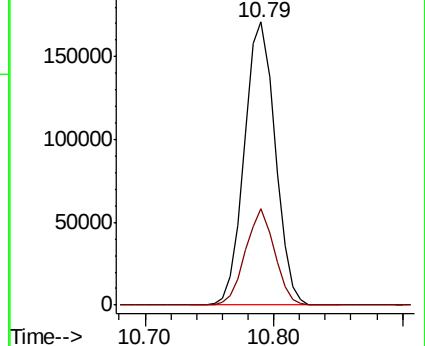
76 100

78 32.1 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 235.477 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000945.D

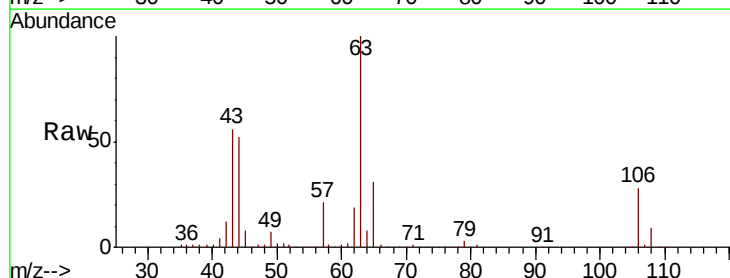
Acq: 16 Dec 2019 10:38

Tgt Ion: 63 Resp: 410454

Ion Ratio Lower Upper

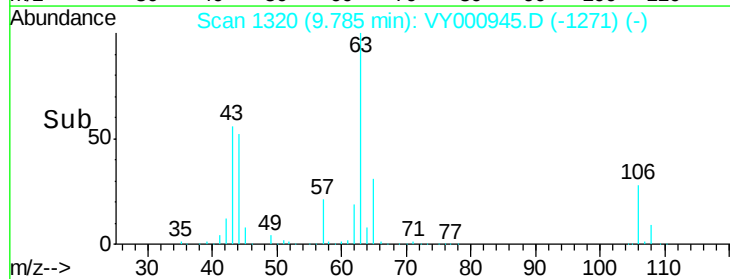
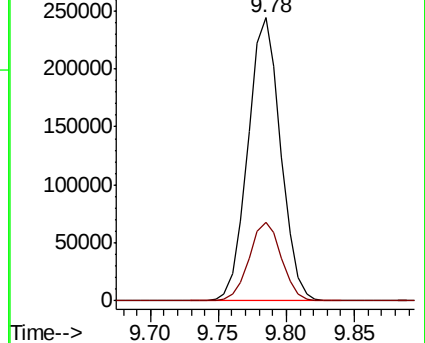
63 100

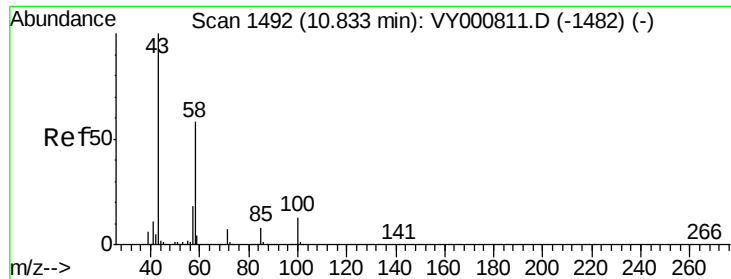
106 27.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

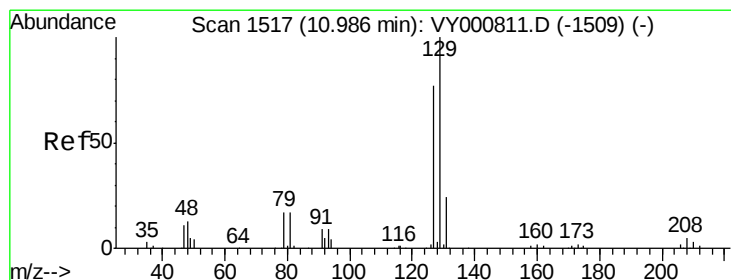
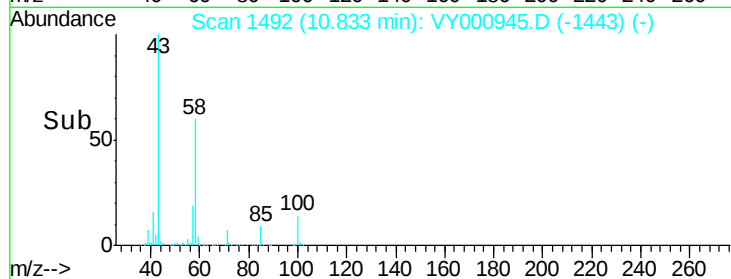
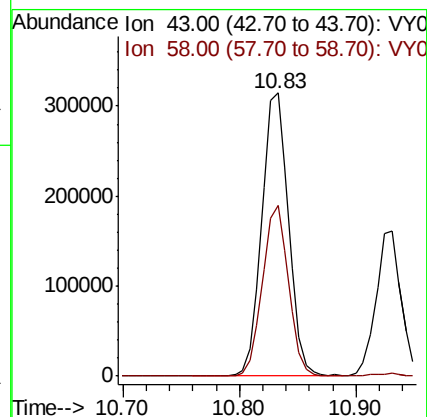
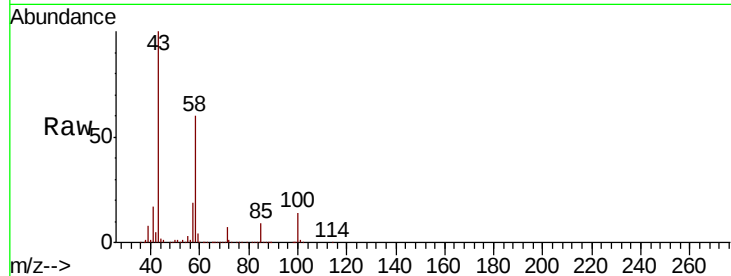




#59
2-Hexanone
Concen: 231.021 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

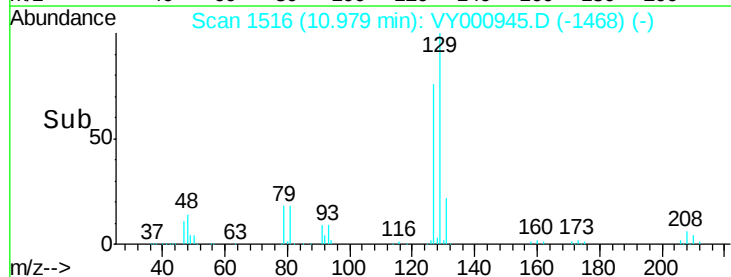
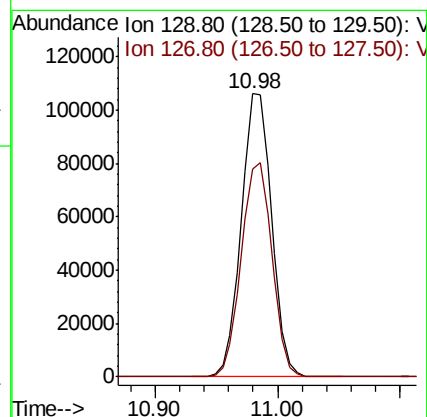
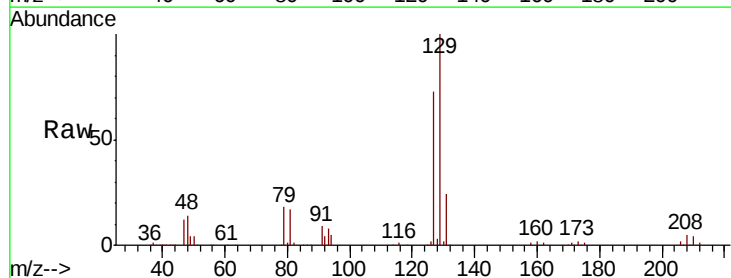
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

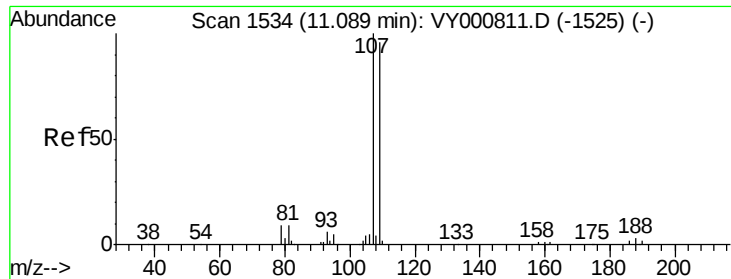
Tgt Ion: 43 Resp: 506378
Ion Ratio Lower Upper
43 100
58 58.5 29.0 87.1



#60
Dibromochloromethane
Concen: 56.029 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 129 Resp: 182268
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2

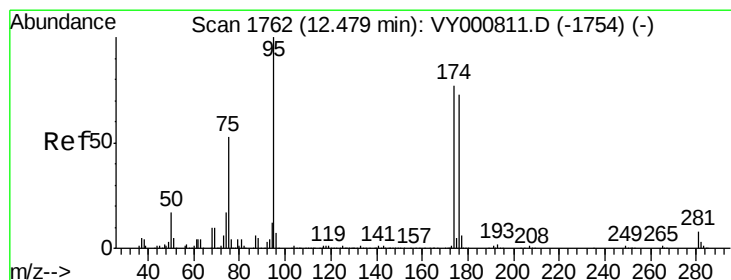
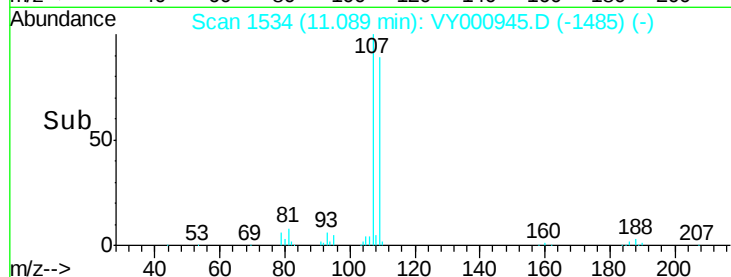
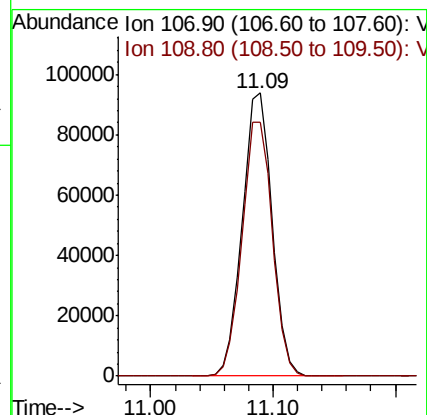
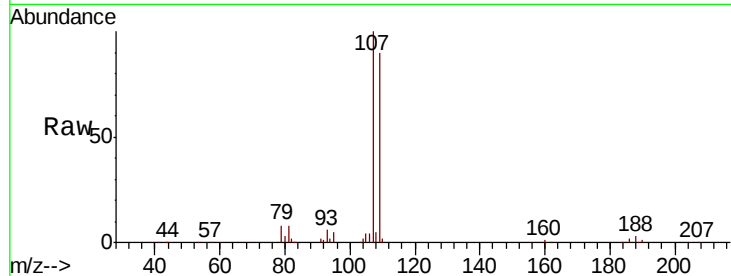




#61
 1,2-Dibromoethane
 Concen: 55.503 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

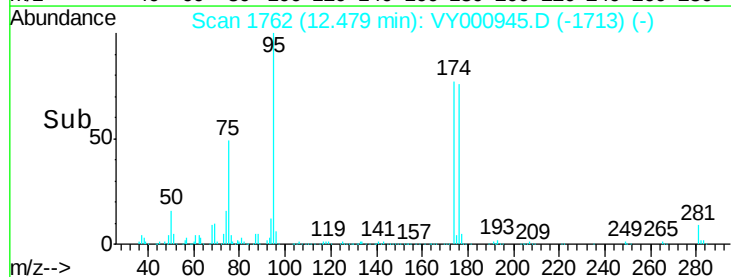
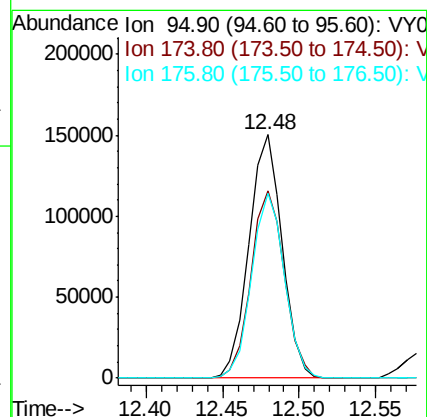
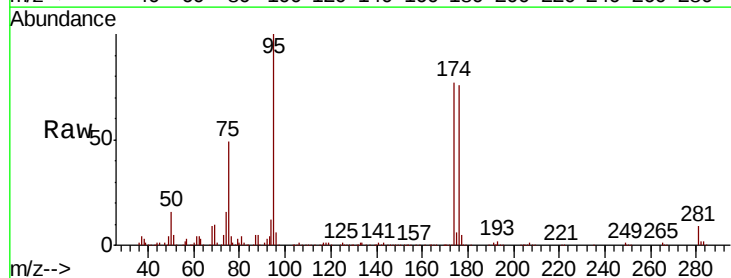
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

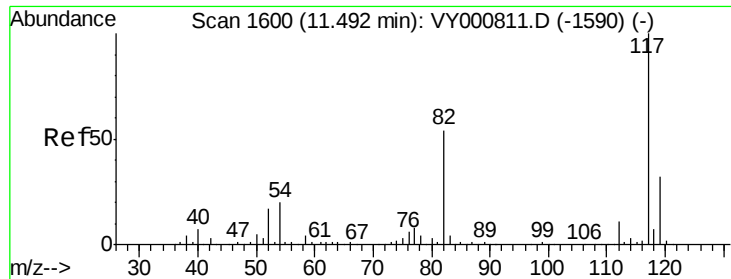
Tgt Ion: 107 Resp: 158071
 Ion Ratio Lower Upper
 107 100
 109 91.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.077 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 95 Resp: 226382
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 150.6
 176 75.4 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

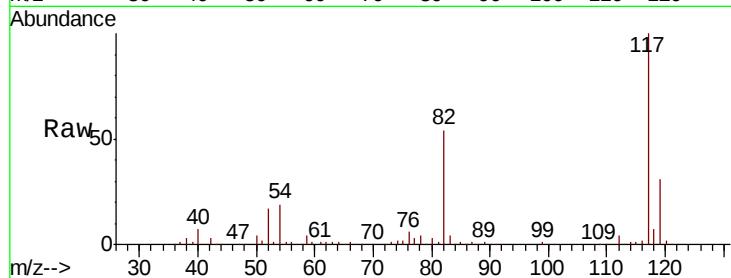
Tgt Ion:117 Resp: 472155

Ion Ratio Lower Upper

117 100

82 53.7 43.1 64.7

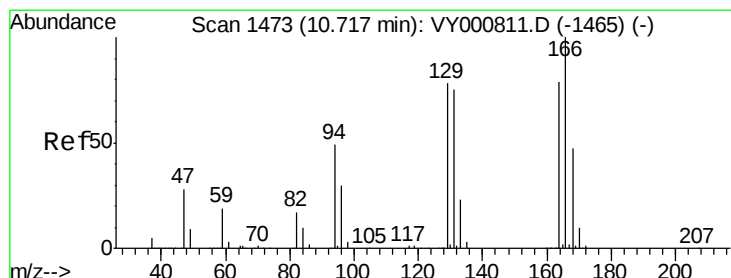
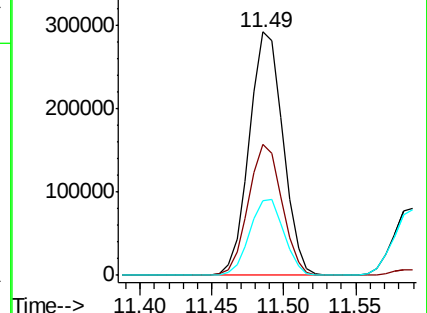
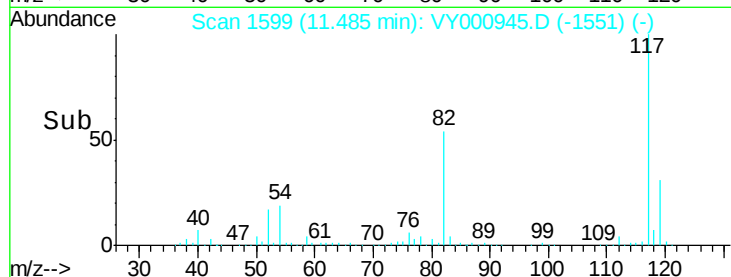
119 30.9 25.3 37.9



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: 54.237 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion:164 Resp: 222489

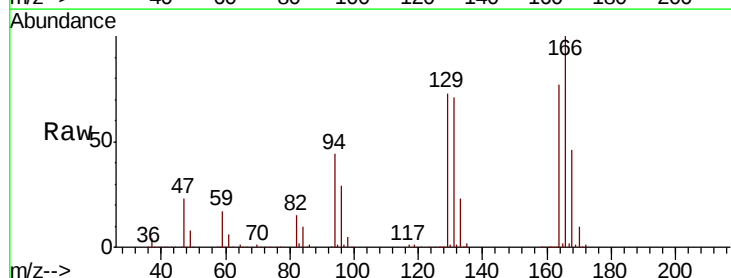
Ion Ratio Lower Upper

164 100

166 130.2 101.8 152.8

129 95.5 79.3 118.9

131 92.6 76.4 114.6

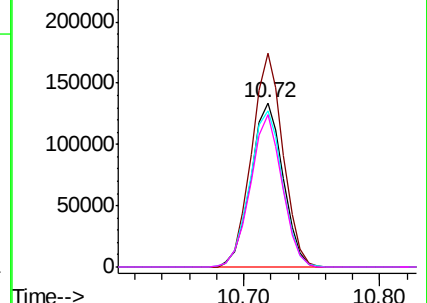
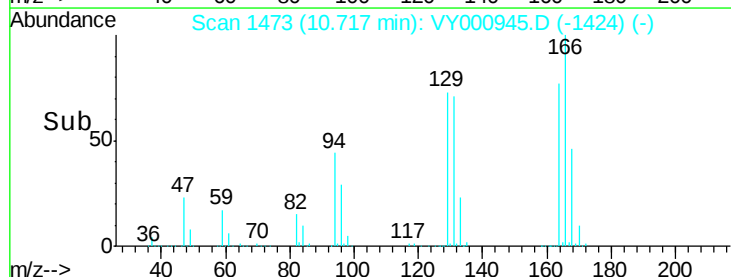


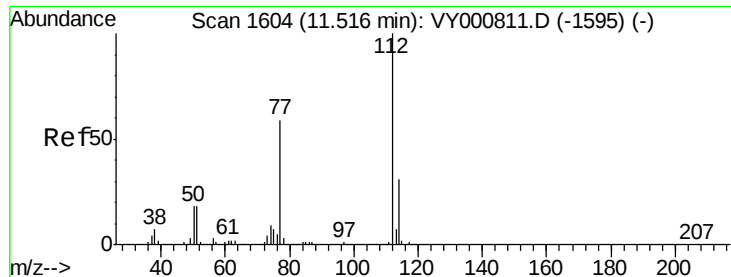
Abundance Ion 163.80 (163.50 to 164.50): V

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

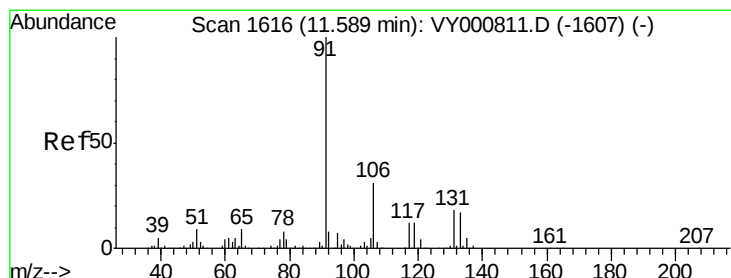
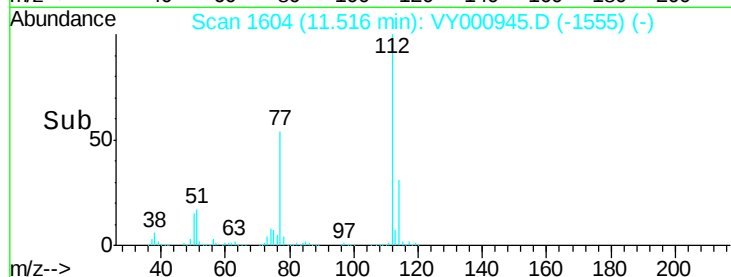
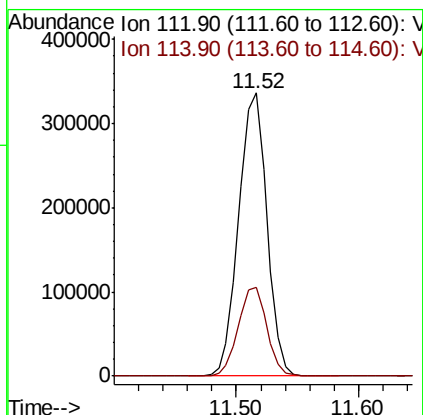
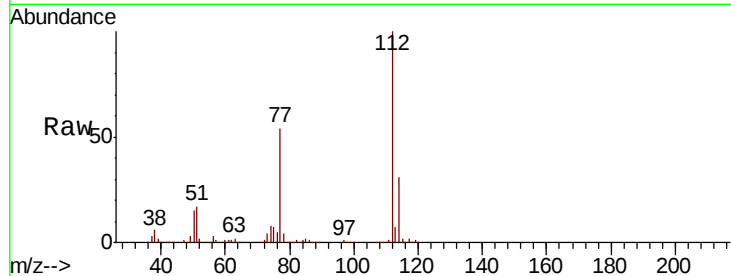




#65
Chlorobenzene
Concen: 54.963 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

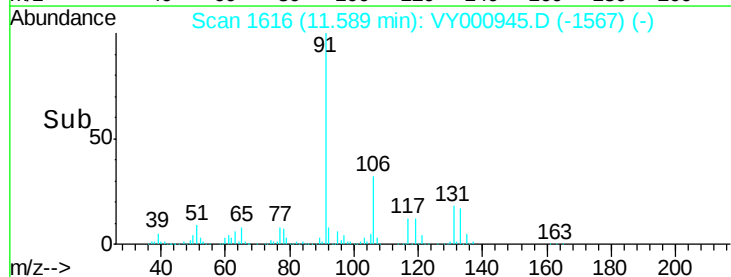
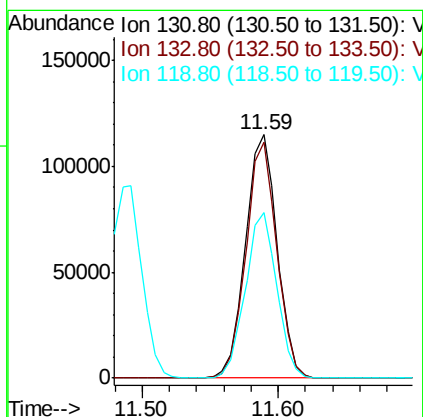
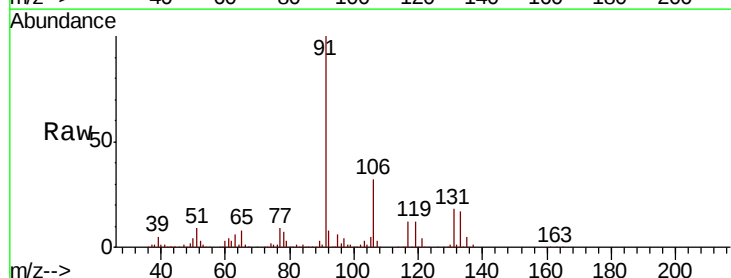
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

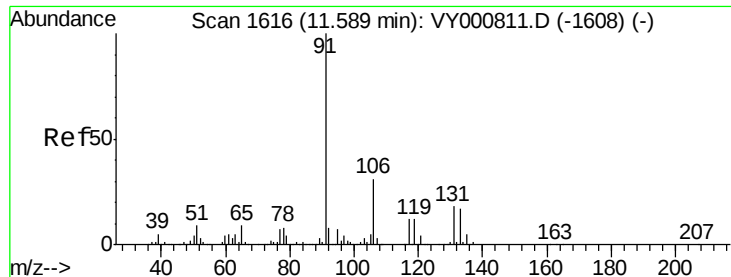
Tgt Ion:112 Resp: 539428
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.540 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion:131 Resp: 187004
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 67.7 33.8 101.3

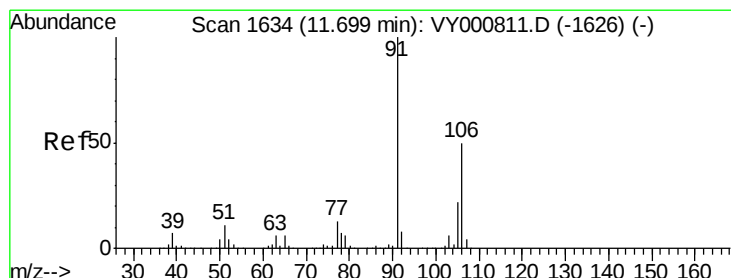
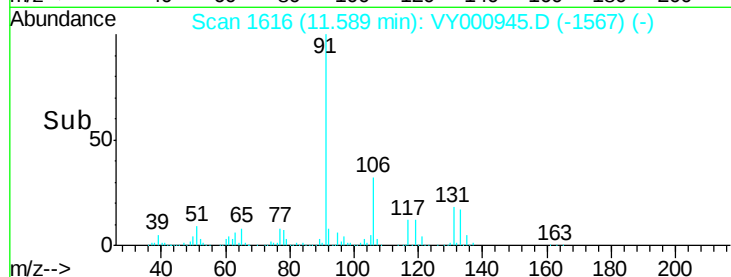
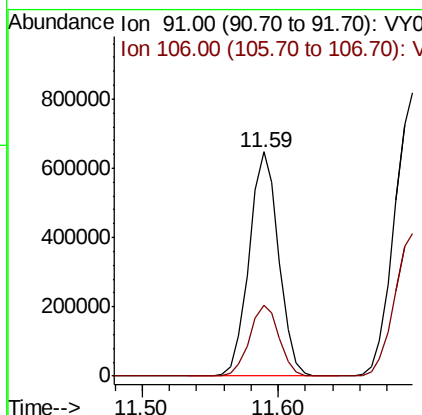
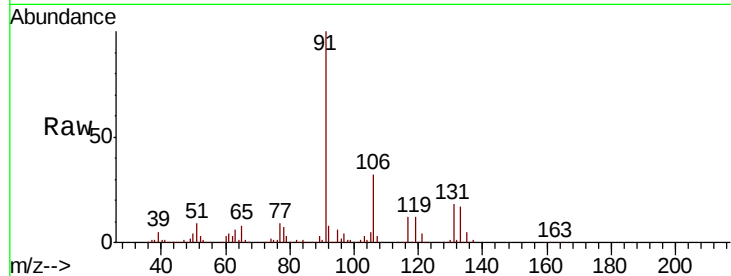




#67
Ethyl Benzene
Concen: 53.887 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

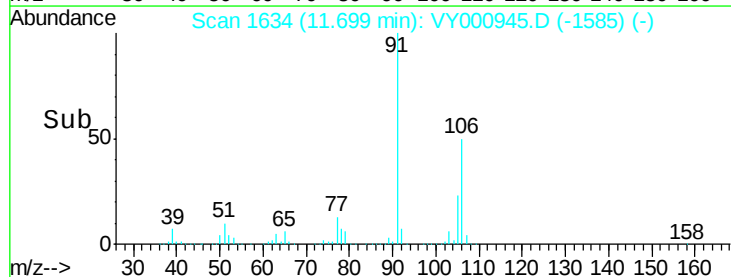
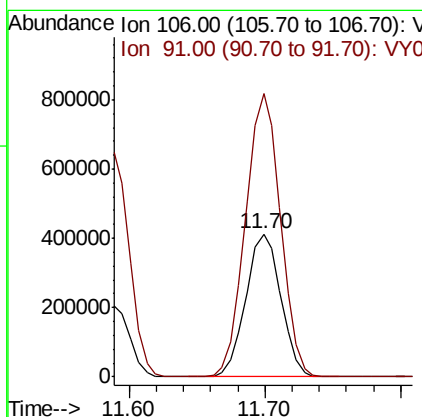
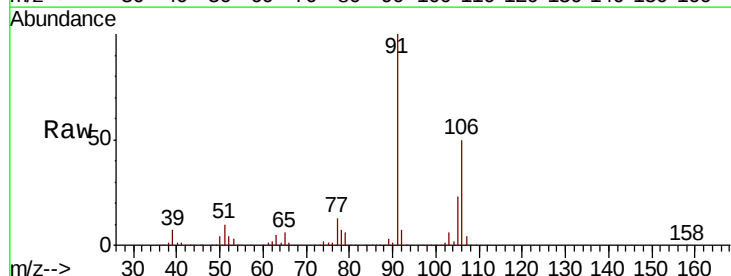
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

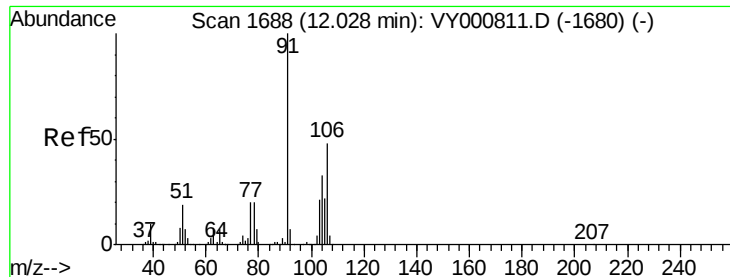
Tgt Ion: 91 Resp: 984962
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6



#68
m/p-Xylenes
Concen: 108.950 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 106 Resp: 747468
Ion Ratio Lower Upper
106 100
91 197.5 159.6 239.4

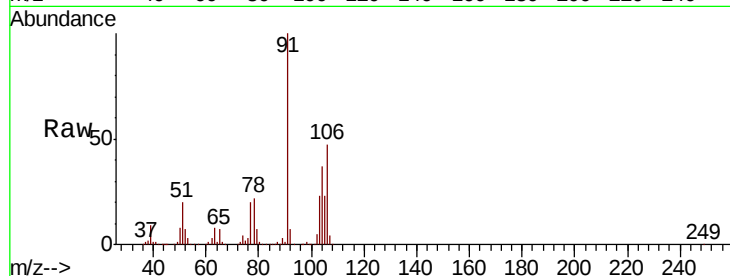




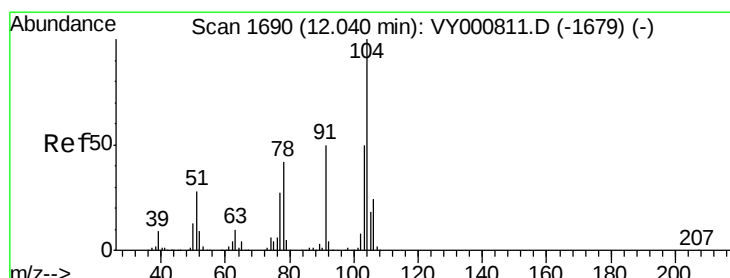
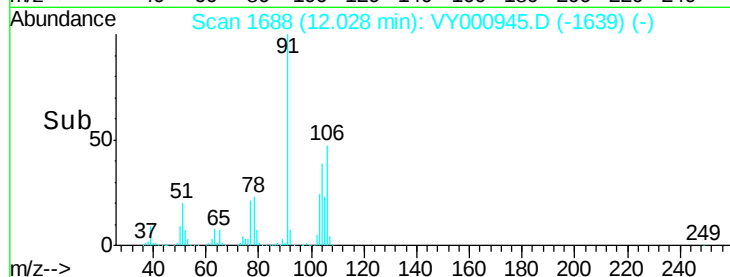
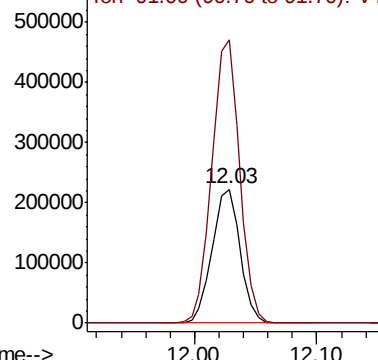
#69
o-Xylene
Concen: 54.876 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 351034
Ion Ratio Lower Upper
106 100
91 209.9 106.1 318.1

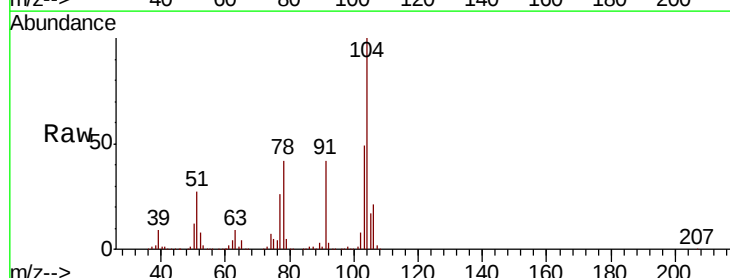


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

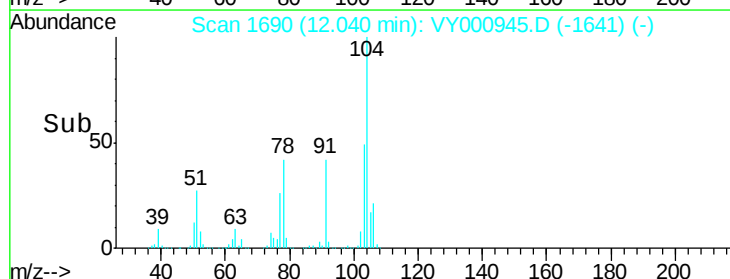
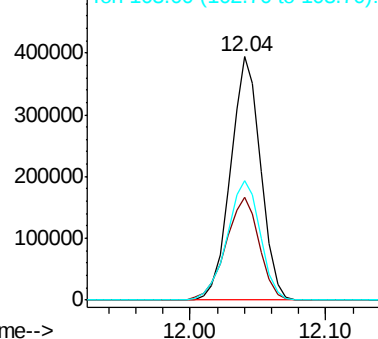


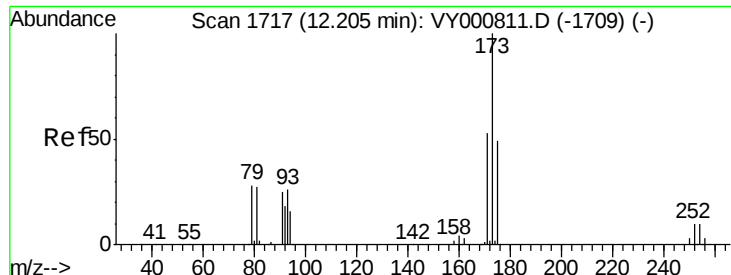
#70
Styrene
Concen: 55.704 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion:104 Resp: 610141
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.4
103 54.2 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.549 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

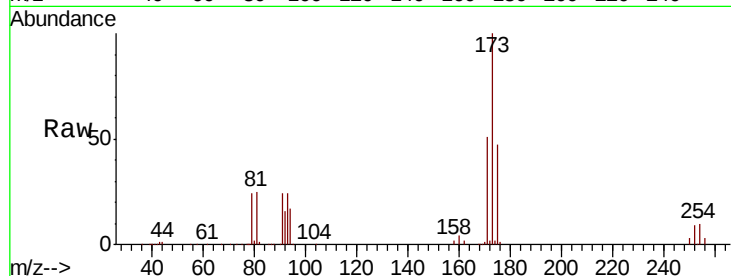
Tgt Ion:173 Resp: 105489

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

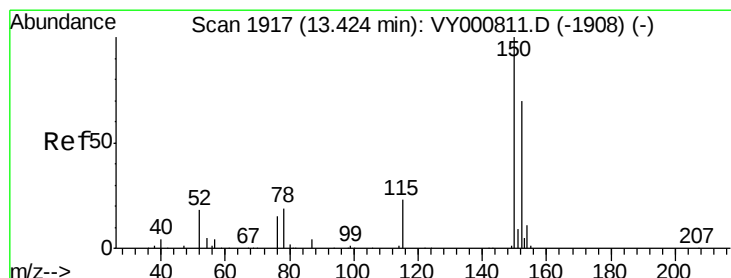
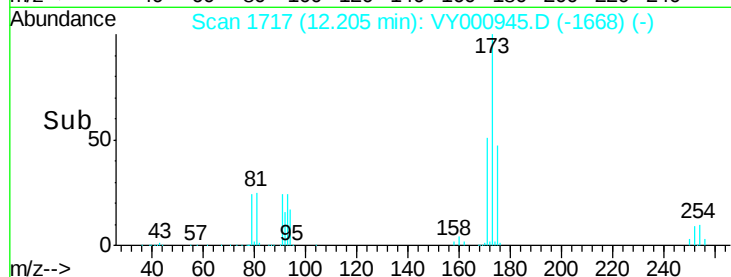
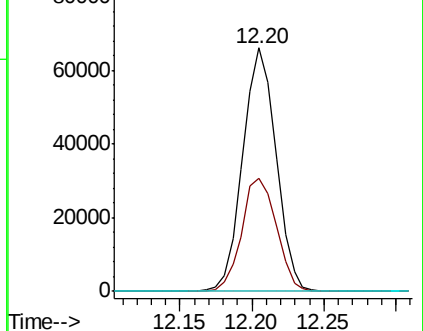
254 0.0 0.0 0.0



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: VY000945.D

Acq: 16 Dec 2019 10:38

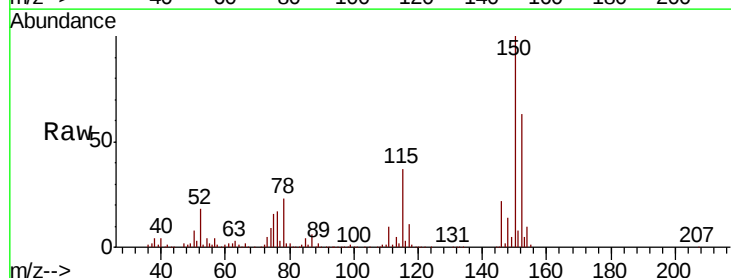
Tgt Ion:152 Resp: 221362

Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.8

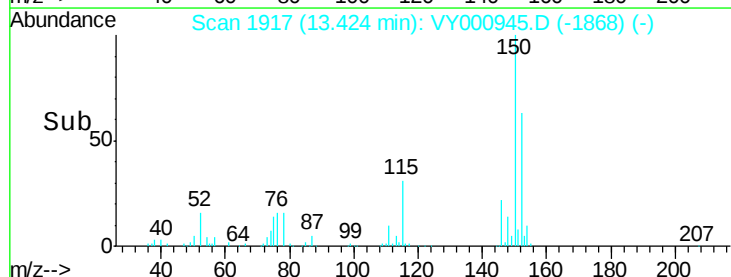
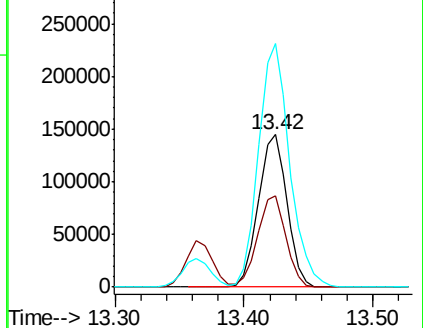
150 174.1 0.0 351.2

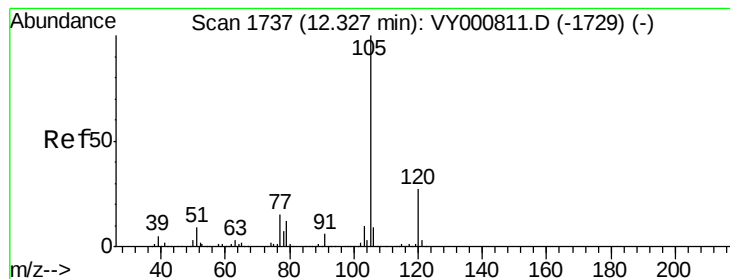


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.503 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

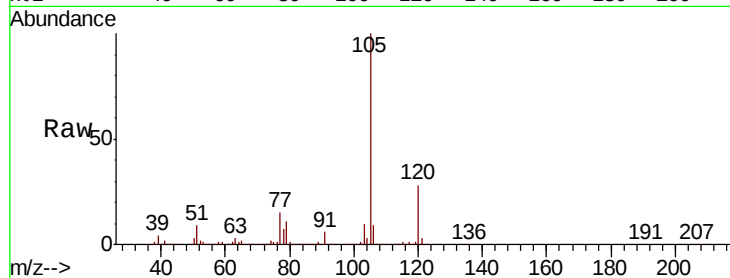
VSTDCCC050

Tgt Ion: 105 Resp: 943008

Ion Ratio Lower Upper

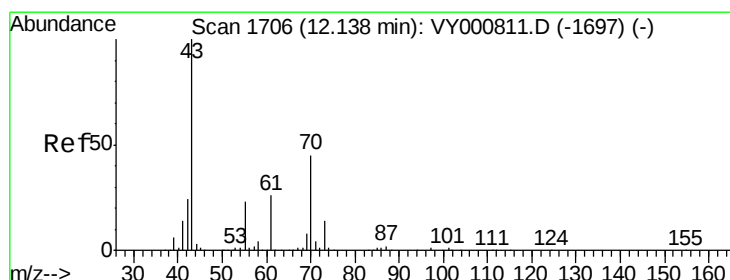
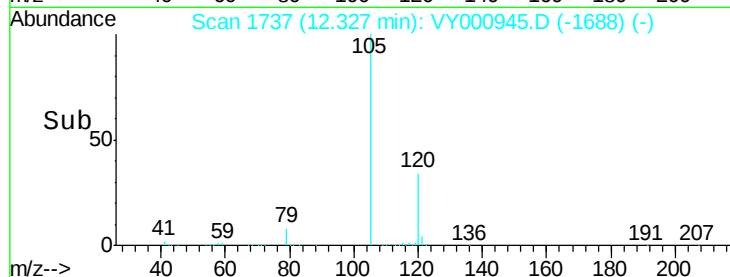
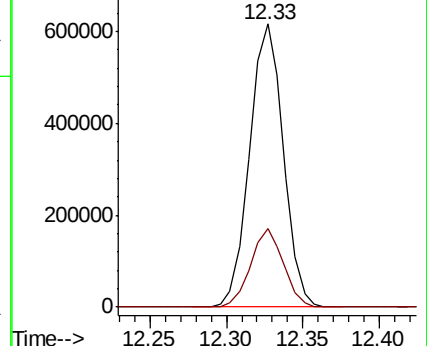
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.612 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Tgt Ion: 43 Resp: 243385

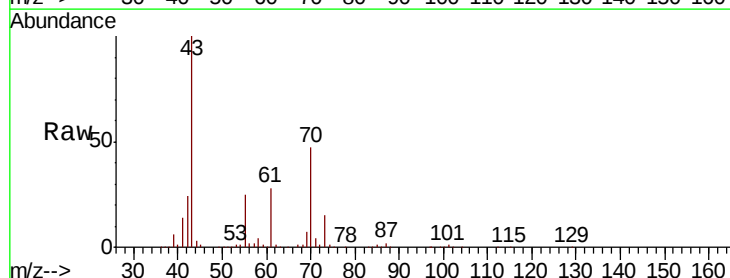
Ion Ratio Lower Upper

43 100

70 47.4 36.6 54.8

55 23.7 18.8 28.2

61 27.3 21.0 31.6

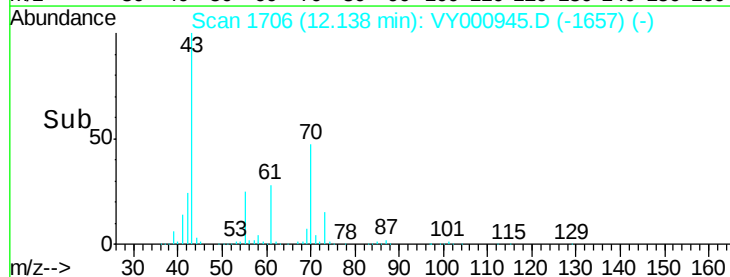
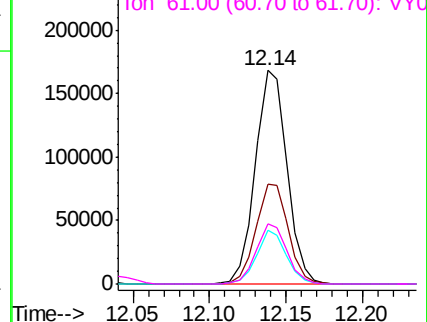


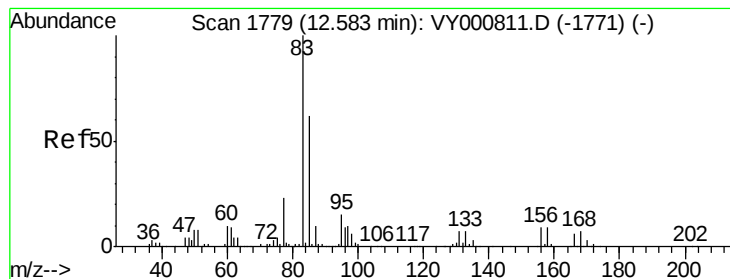
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.950 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

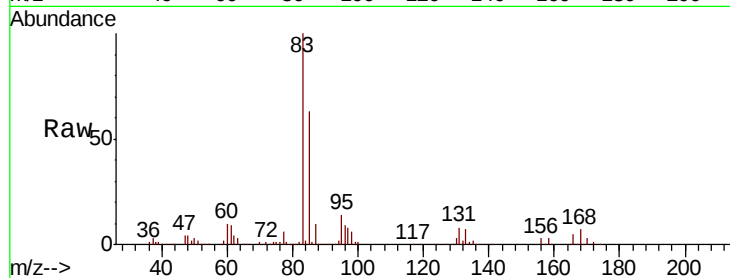
Tgt Ion: 83 Resp: 180413

Ion Ratio Lower Upper

83 100

131 9.4 4.3 13.1

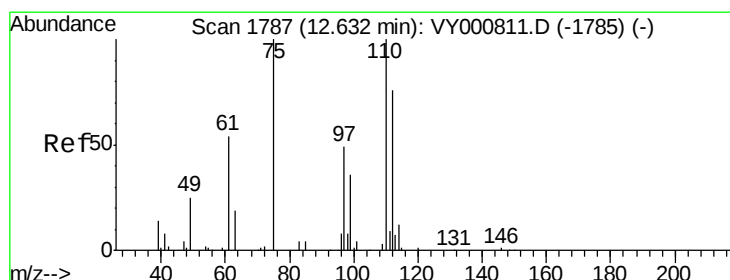
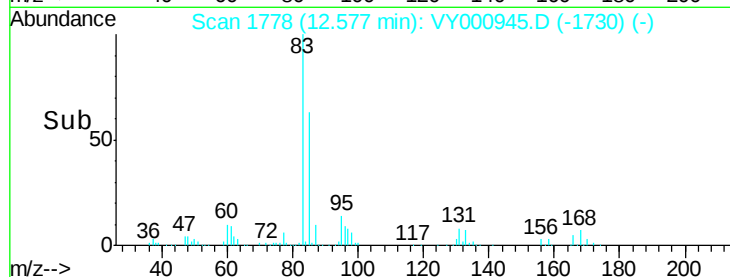
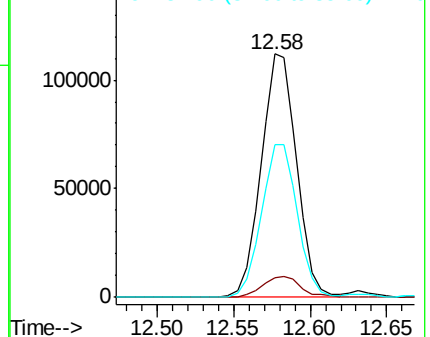
85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 99.272 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000945.D

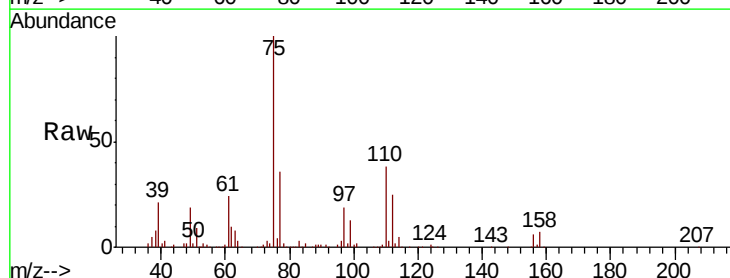
Acq: 16 Dec 2019 10:38

Tgt Ion: 75 Resp: 248974

Ion Ratio Lower Upper

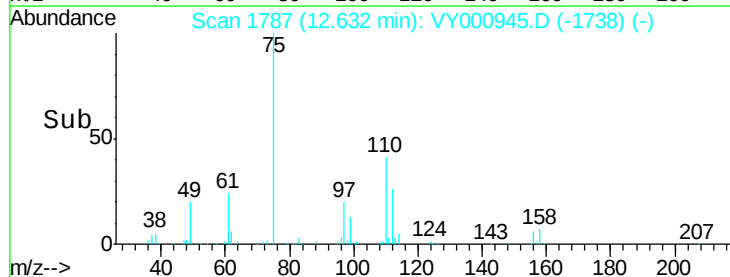
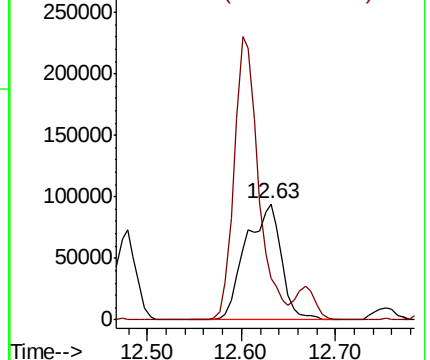
75 100

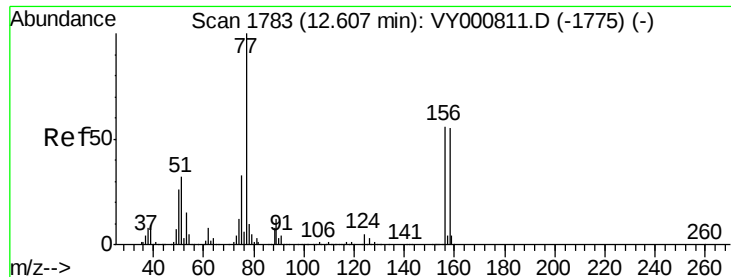
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.422 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

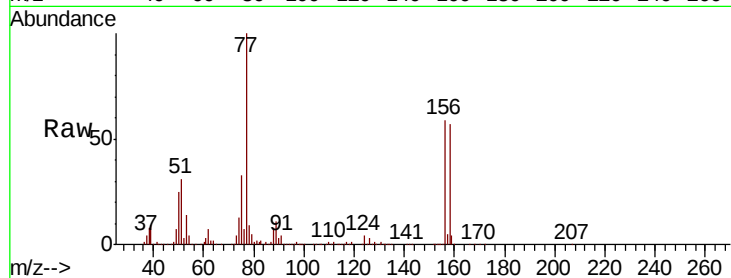
Tgt Ion:156 Resp: 207923

Ion Ratio Lower Upper

156 100

77 199.9 102.6 307.7

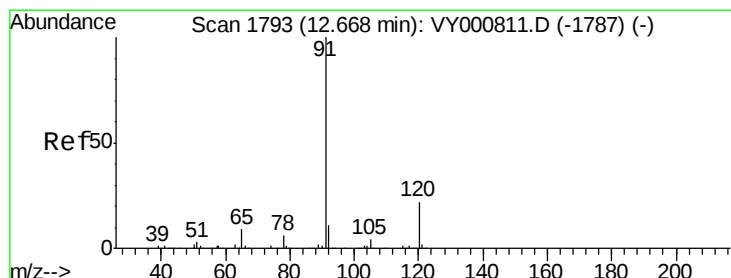
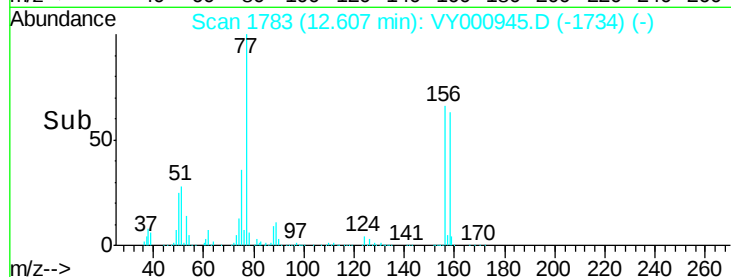
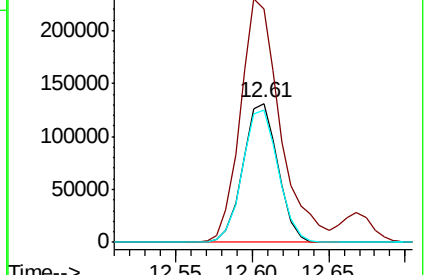
158 97.7 47.6 142.8



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: 53.400 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000945.D

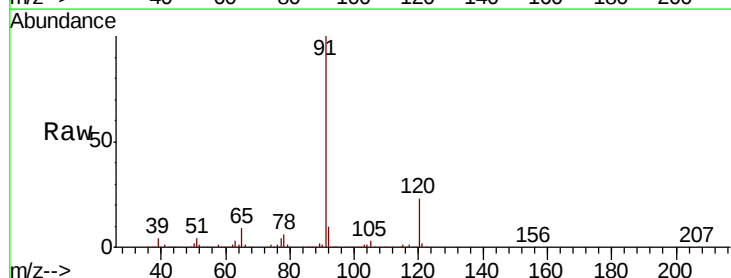
Acq: 16 Dec 2019 10:38

Tgt Ion: 91 Resp: 1149203

Ion Ratio Lower Upper

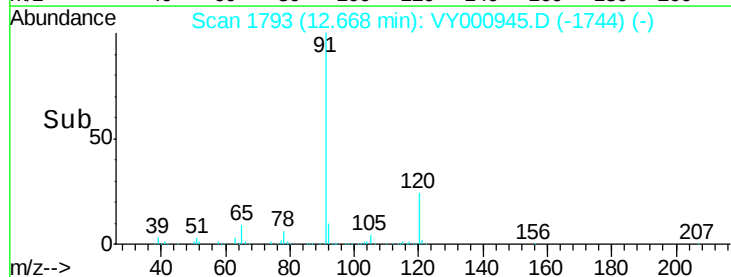
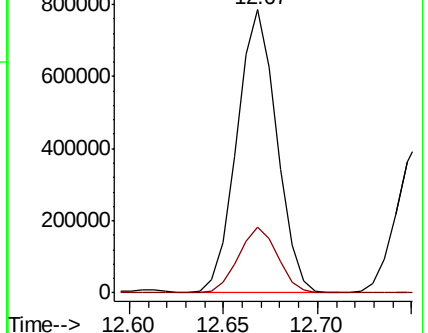
91 100

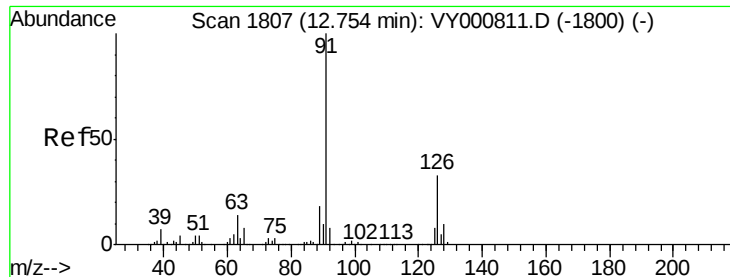
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.139 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

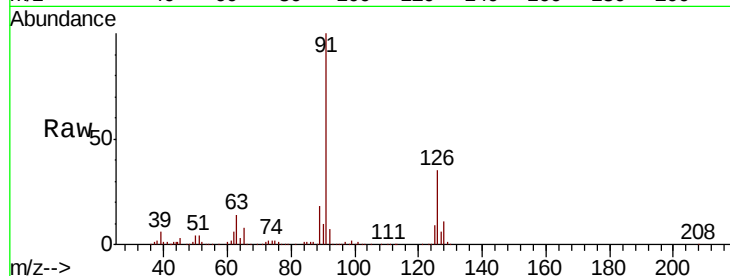
VSTDCCC050

Tgt Ion: 91 Resp: 631781

Ion Ratio Lower Upper

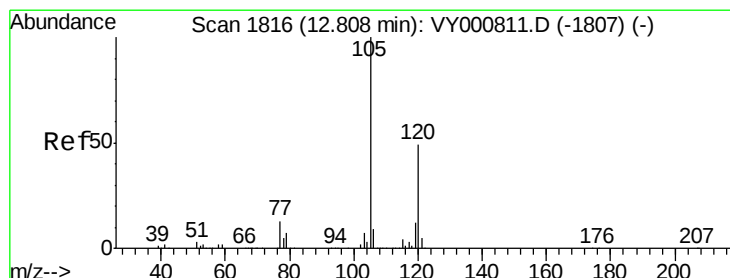
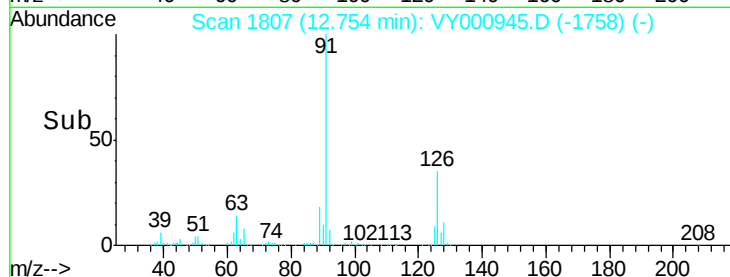
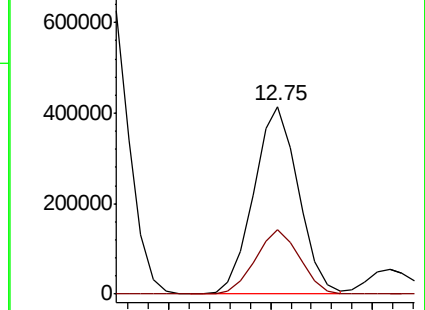
91 100

126 34.4 17.0 51.0



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

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.034 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000945.D

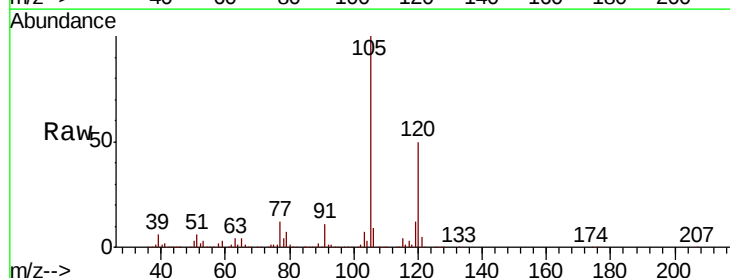
Acq: 16 Dec 2019 10:38

Tgt Ion: 105 Resp: 788531

Ion Ratio Lower Upper

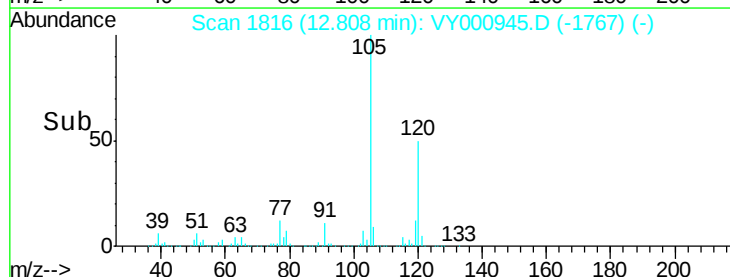
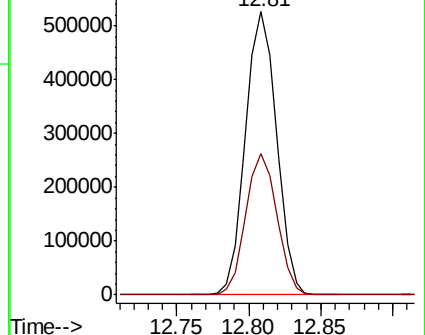
105 100

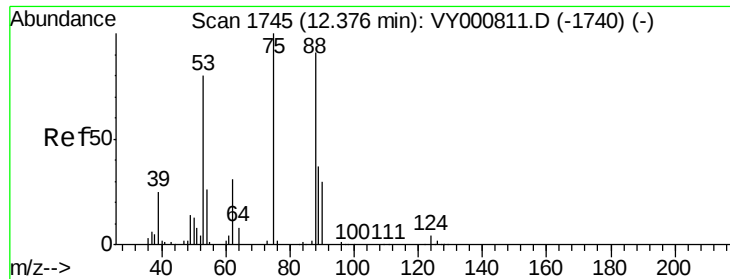
120 49.9 24.6 74.0



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

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.033 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000945.D

Acq: 16 Dec 2019 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

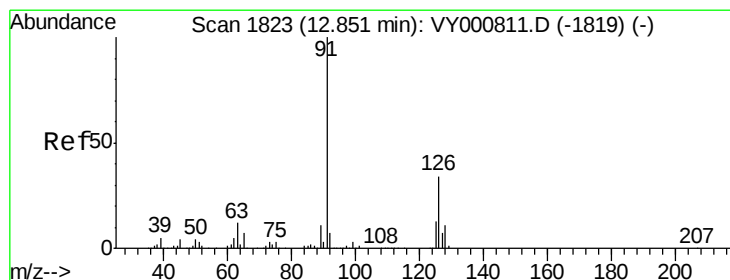
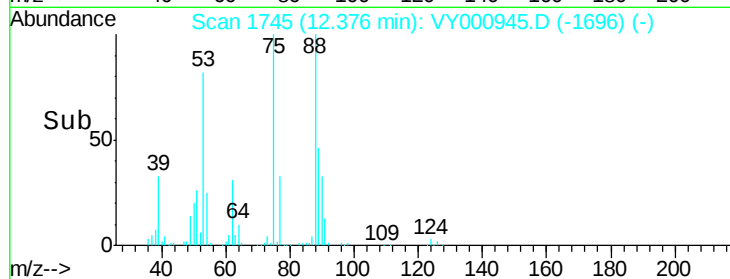
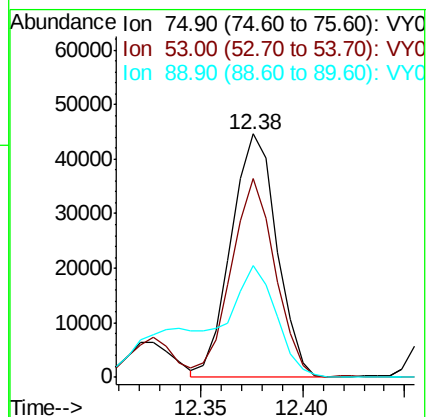
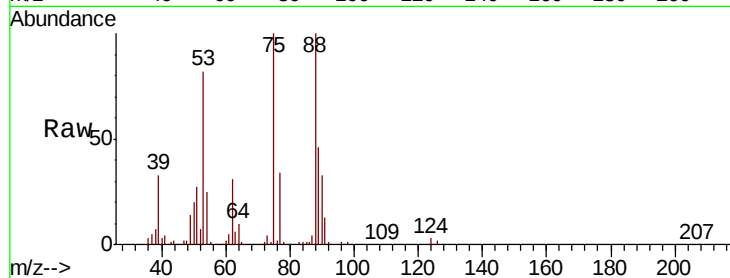
Tgt Ion: 75 Resp: 68989

Ion Ratio Lower Upper

75 100

53 78.4 64.6 96.8

89 47.7 33.6 50.4



#82

4-Chlorotoluene

Concen: 53.826 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000945.D

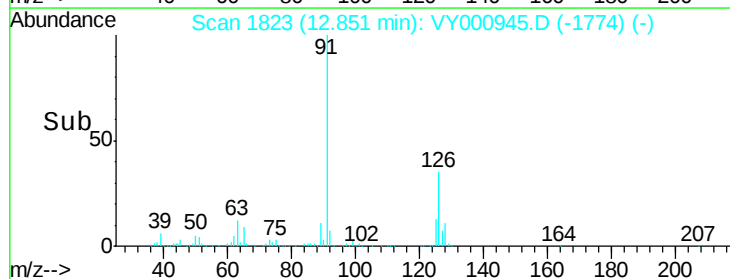
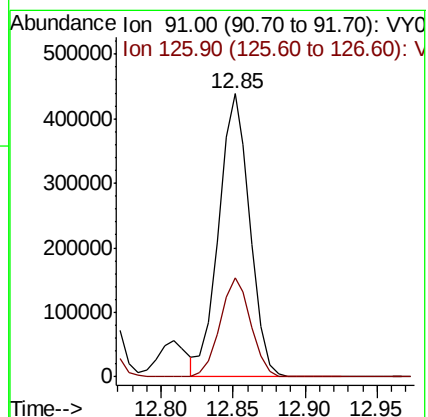
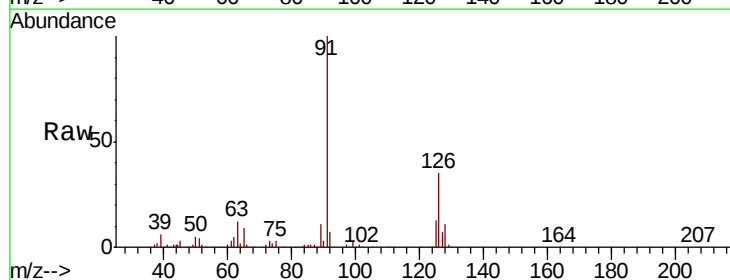
Acq: 16 Dec 2019 10:38

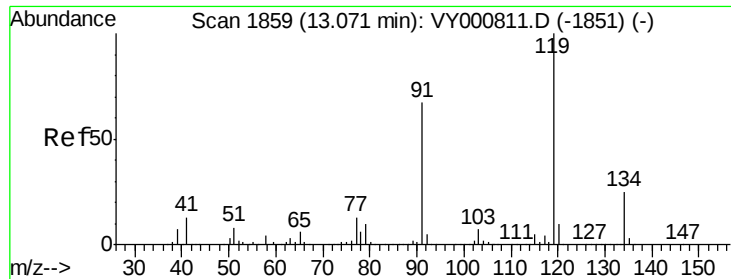
Tgt Ion: 91 Resp: 659321

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.9

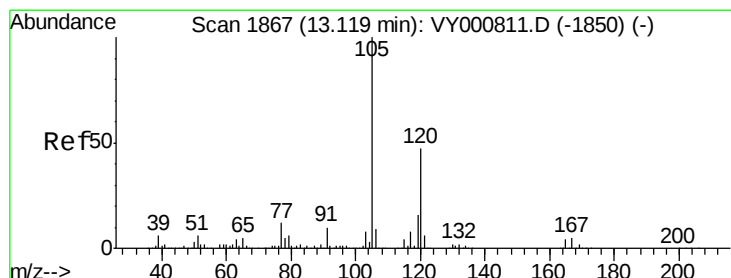
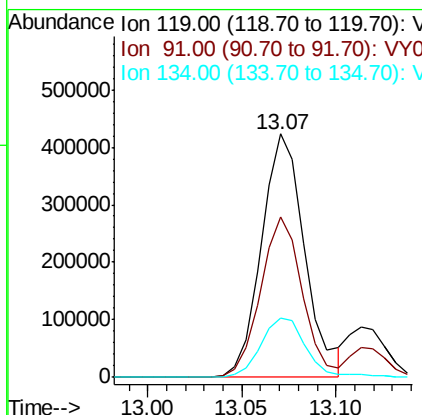
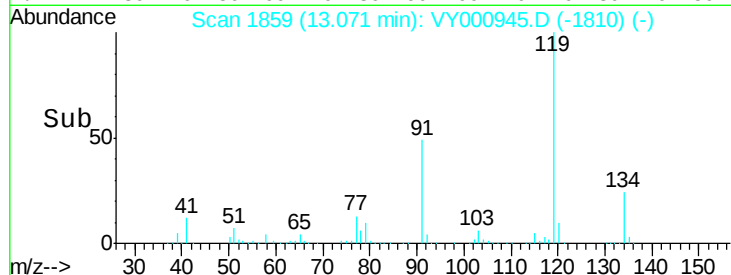
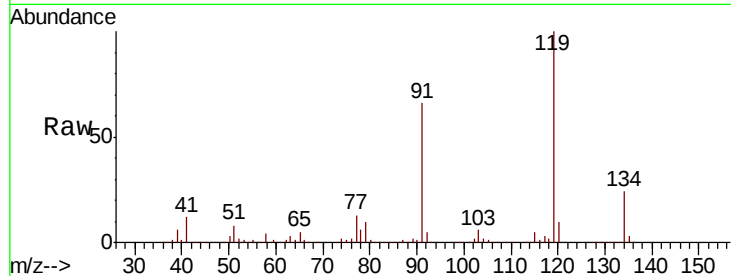




#83
 tert-Butylbenzene
 Concen: 54.761 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

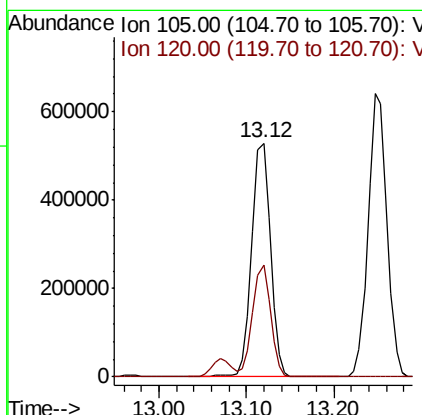
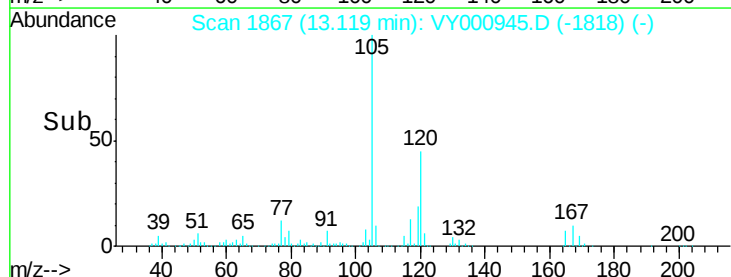
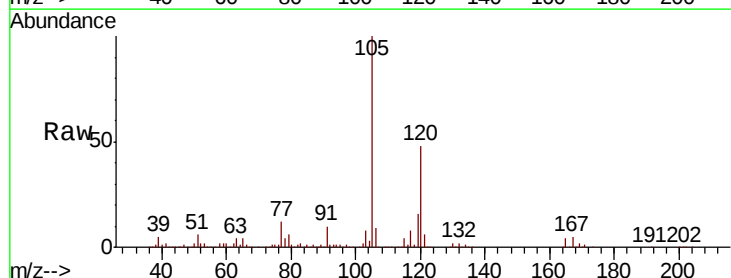
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

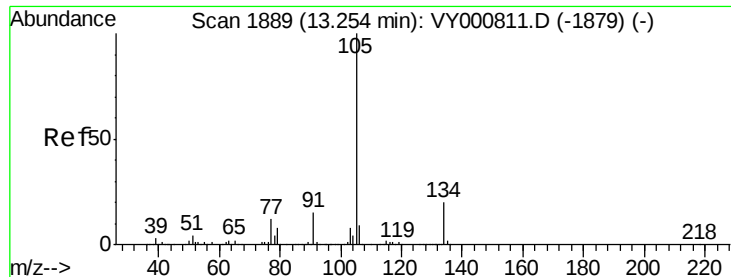
Tgt Ion:	119	Resp:	671883
Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.3	96.8
134	25.8	12.9	38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.904 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion:	105	Resp:	787014
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.6	67.8

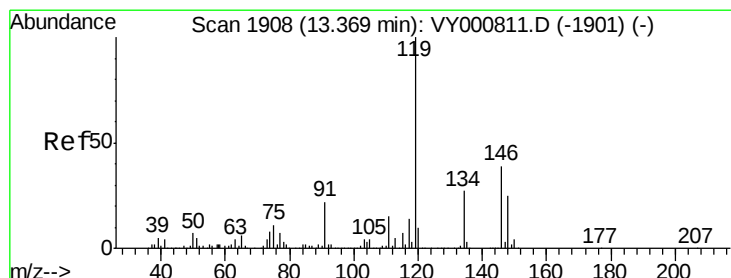
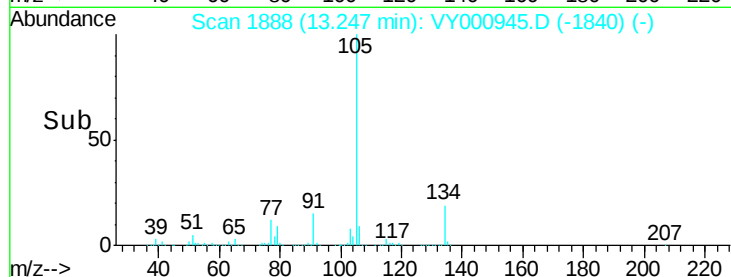
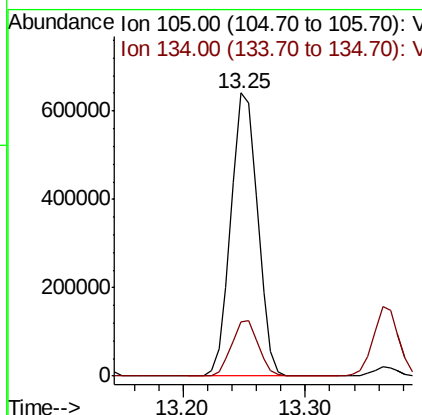
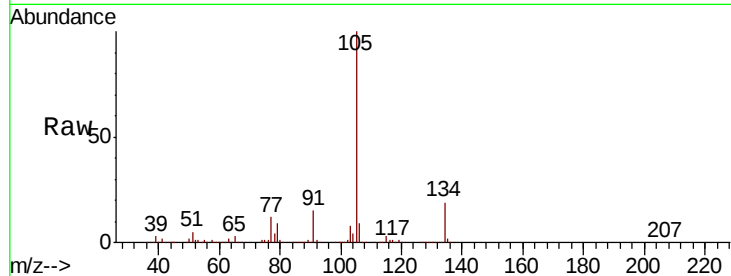




#85
 sec-Butylbenzene
 Concen: 54.242 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

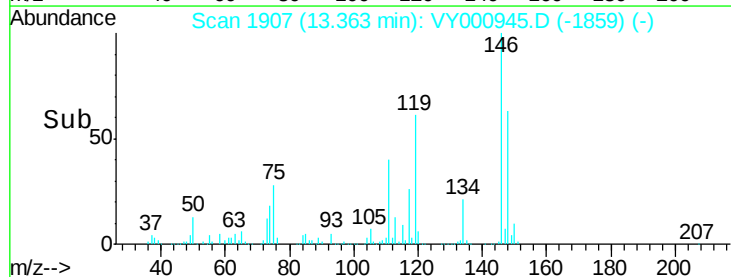
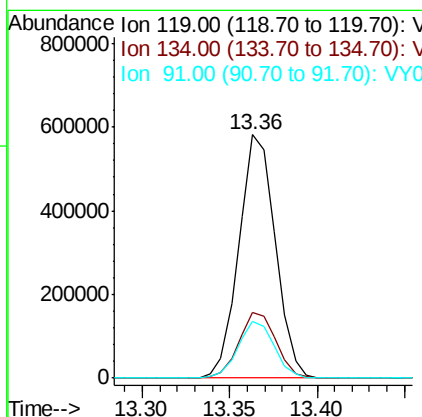
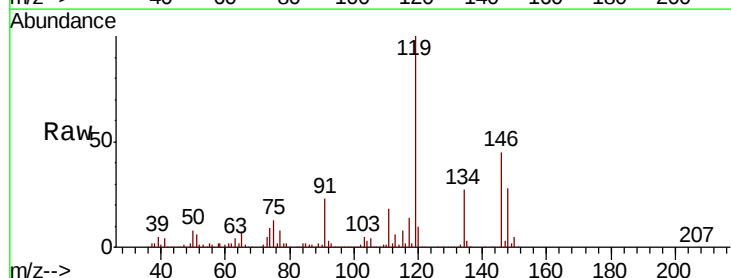
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

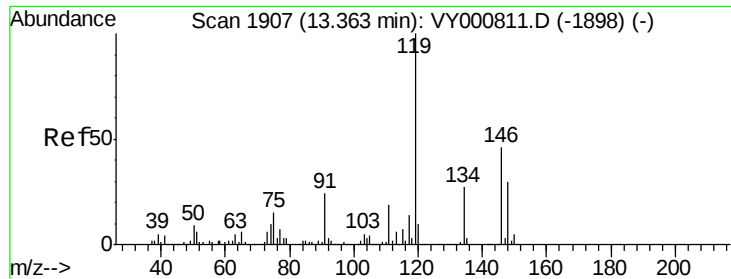
Tgt Ion:105 Resp: 967888
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.261 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion:119 Resp: 842139
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 23.1 11.5 34.5

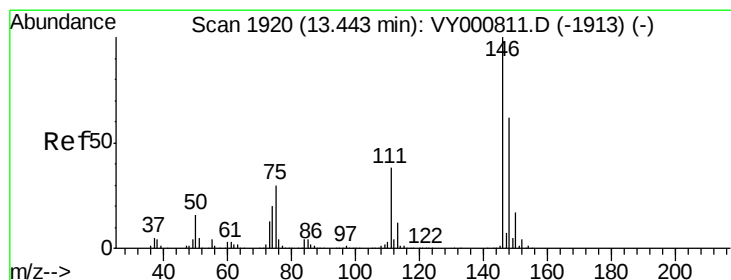
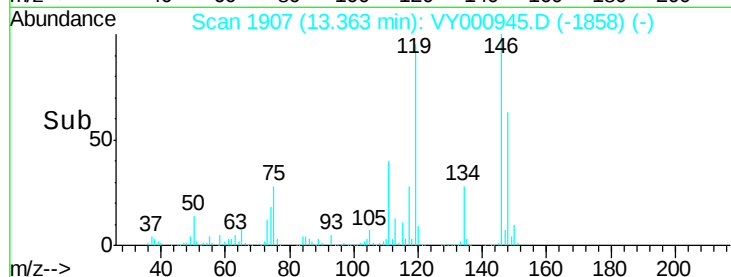
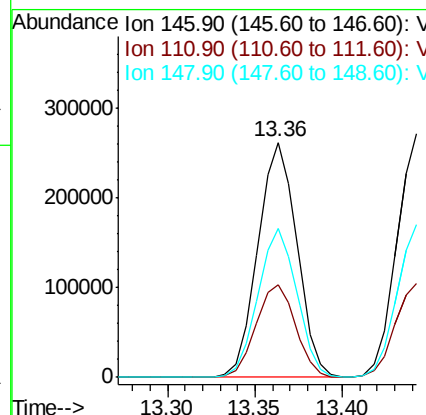
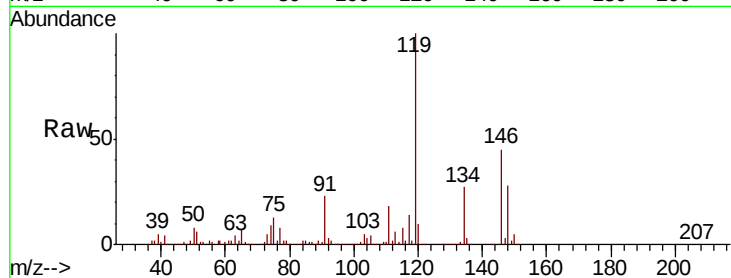




#87
 1,3-Dichlorobenzene
 Concen: 54.053 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

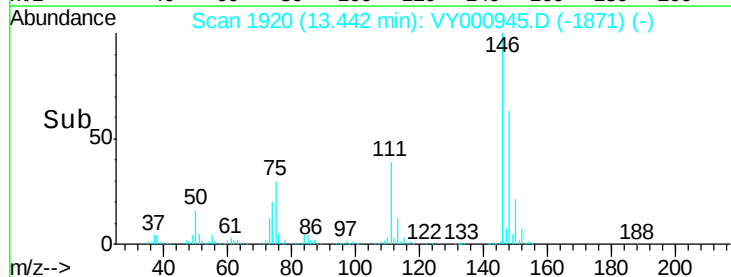
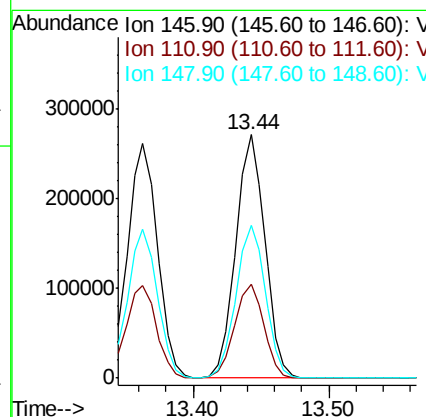
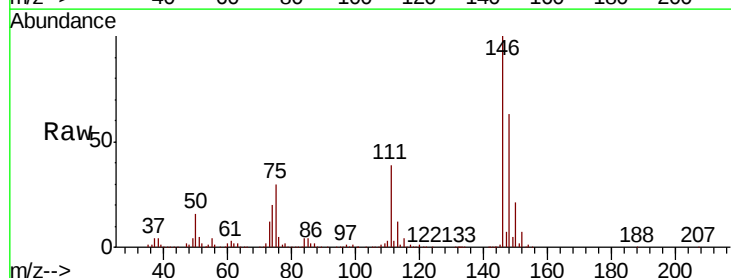
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

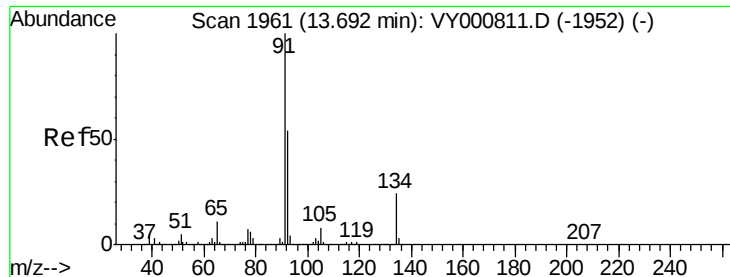
Tgt Ion:146 Resp: 405118
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 54.494 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion:146 Resp: 404402
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.0 59.9
 148 63.1 31.7 95.1

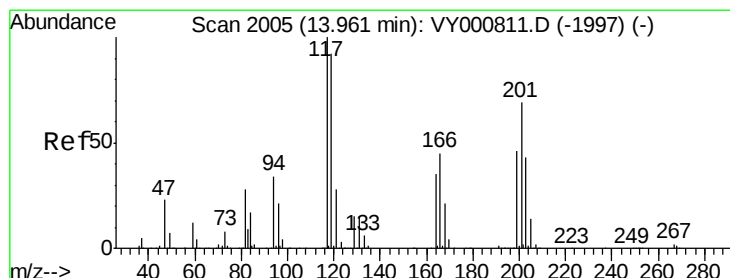
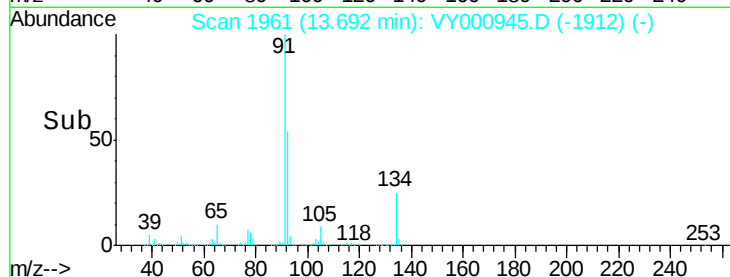
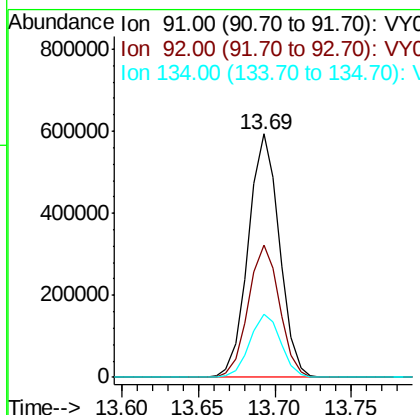
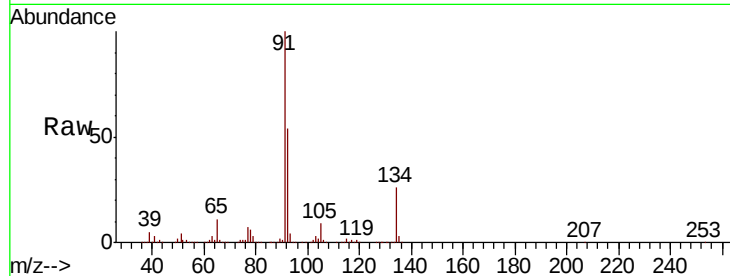




#89
n-Butylbenzene
Concen: 53.400 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

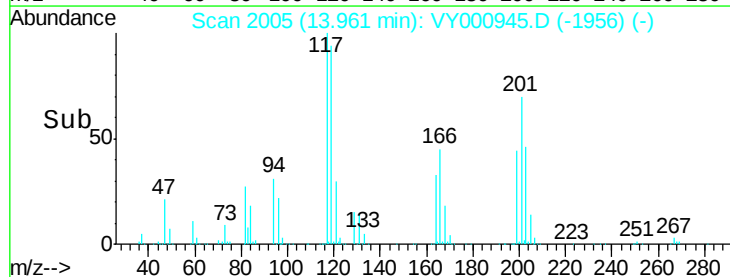
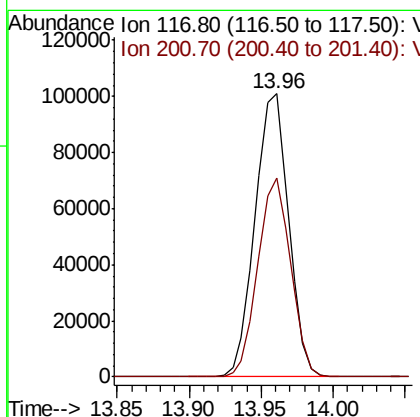
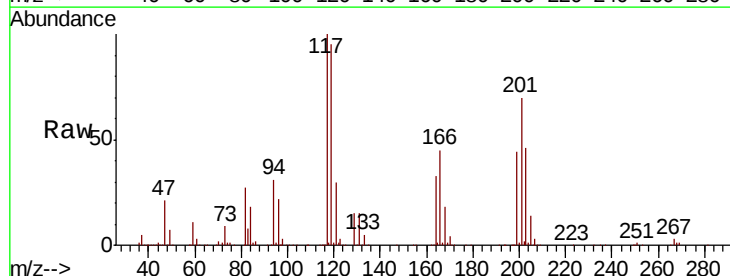
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

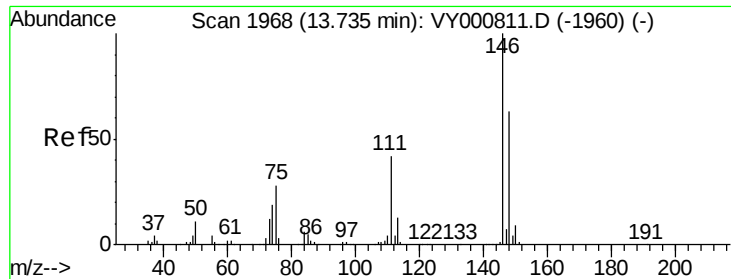
Tgt Ion: 91 Resp: 837949
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 56.795 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion: 117 Resp: 162379
Ion Ratio Lower Upper
117 100
201 69.0 34.0 102.0

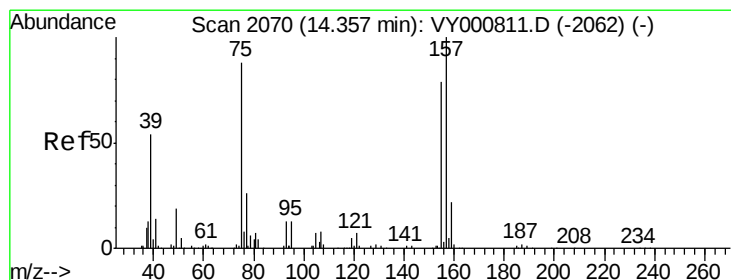
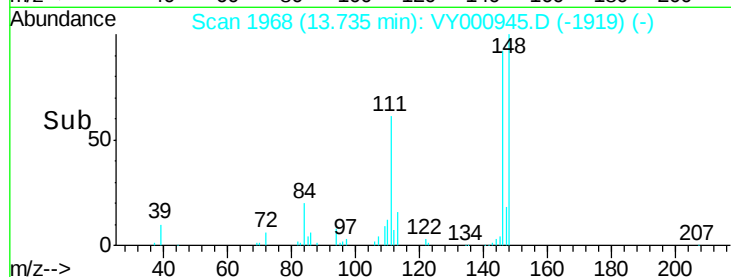
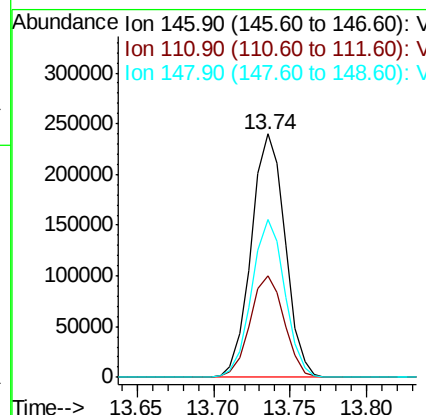
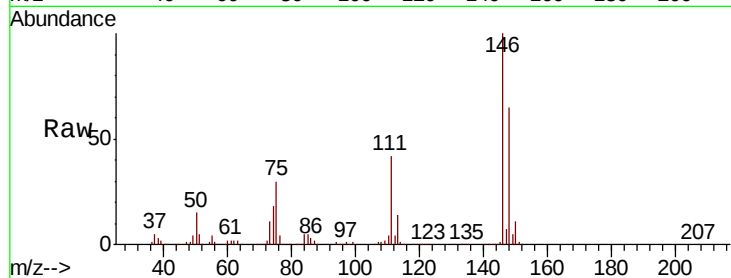




#91
 1,2-Dichlorobenzene
 Concen: 54.799 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

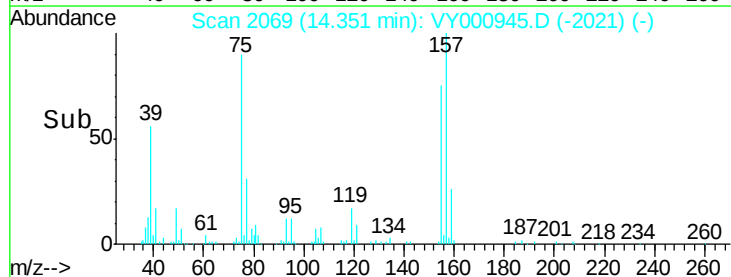
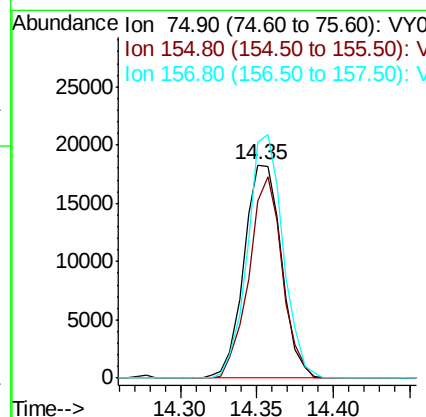
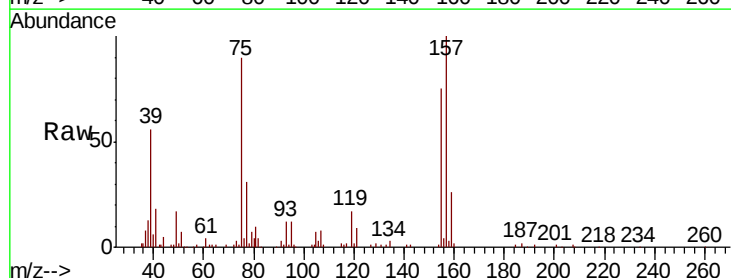
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 369430
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.9 62.7
 148 63.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.214 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion: 75 Resp: 30939
 Ion Ratio Lower Upper
 75 100
 155 84.6 44.3 132.9
 157 108.7 56.3 168.9

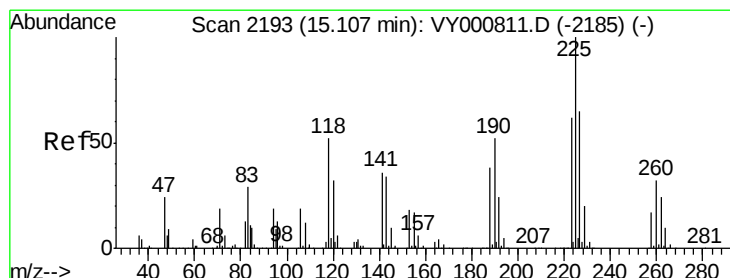
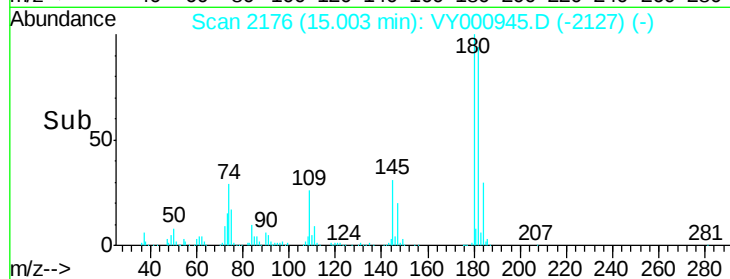
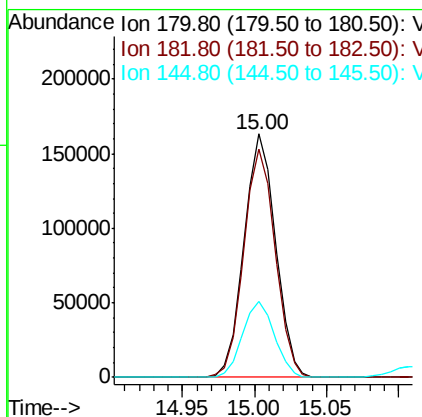
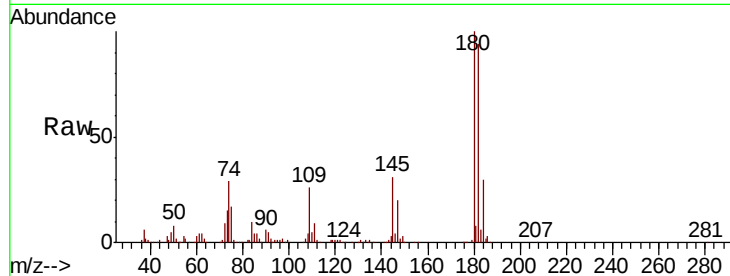




#93
 1,2,4-Trichlorobenzene
 Concen: 54.022 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

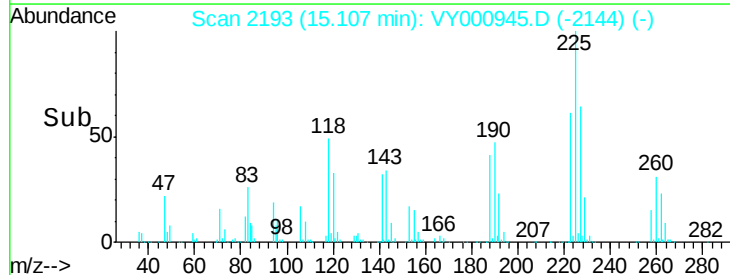
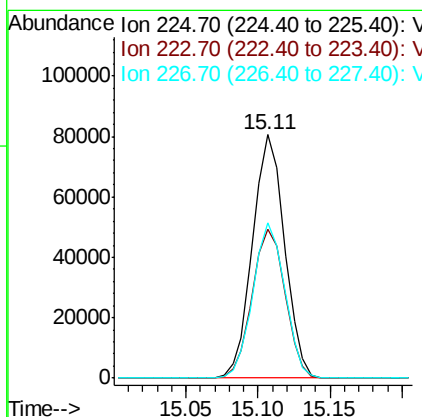
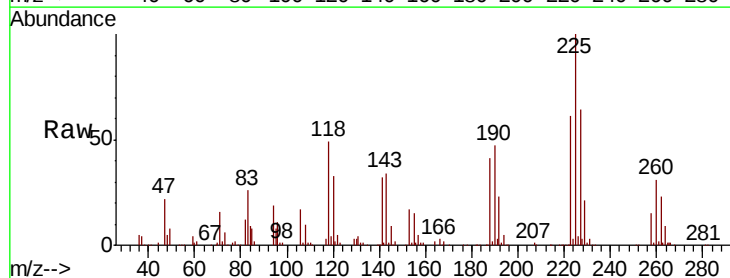
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

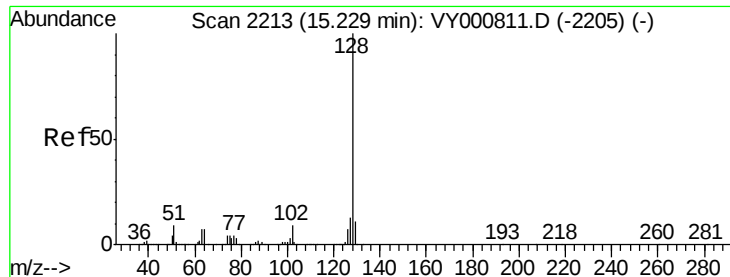
Tgt Ion:180 Resp: 246438
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 141.9
 145 31.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 54.716 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000945.D
 Acq: 16 Dec 2019 10:38

Tgt Ion:225 Resp: 123753
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.3
 227 63.6 31.8 95.3

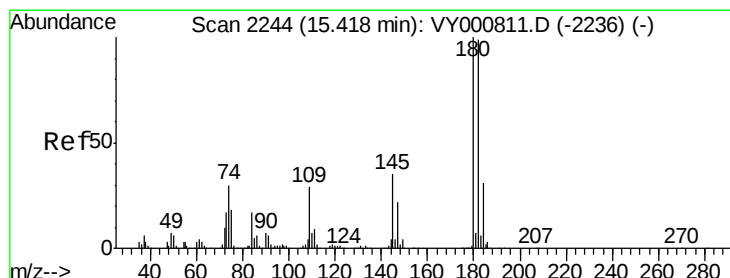
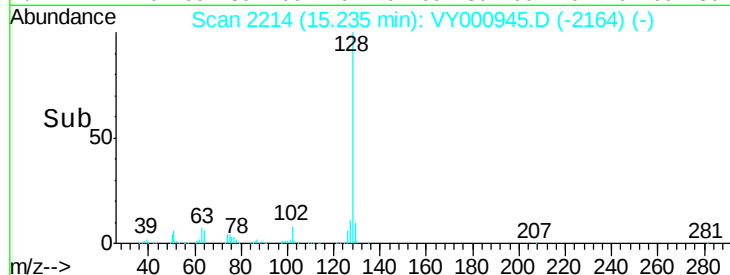
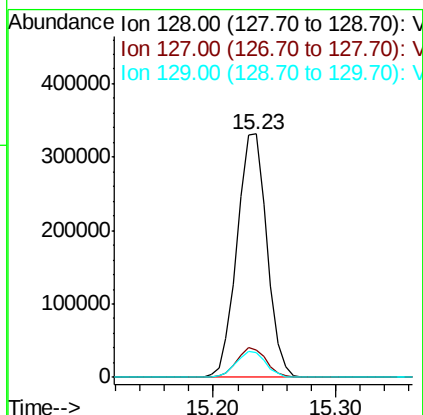
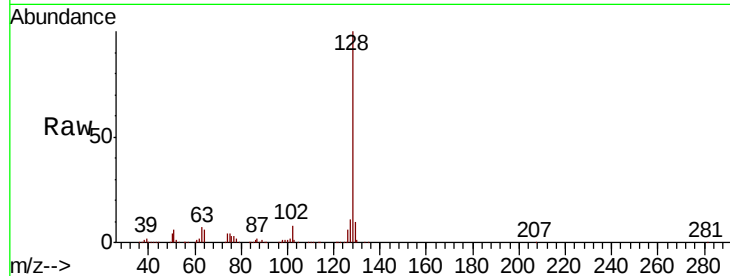




#95
Naphthalene
Concen: 52.844 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 559743
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.345 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000945.D
Acq: 16 Dec 2019 10:38

Tgt Ion:180 Resp: 217367
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 32.7 16.9 50.6

