

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030420\
 Data File : VY001845.D
 Acq On : 04 Mar 2020 11:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 04 17:25:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 17:21:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	180399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	325479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	92645	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.75	113	87009	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.19	98	368057	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.49	95	127654	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	80358	49.02	ug/l	100
3) Chloromethane	2.13	50	110035	50.23	ug/l	100
4) Vinyl Chloride	2.27	62	116661	52.19	ug/l	100
5) Bromomethane	2.66	94	74400	50.80	ug/l	100
6) Chloroethane	2.81	64	72747	51.37	ug/l	100
7) Trichlorofluoromethane	3.15	101	153931	50.02	ug/l	100
8) Diethyl Ether	3.55	74	61764	51.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	98718	50.51	ug/l	100
10) Methyl Iodide	4.12	142	126505	55.77	ug/l	100
11) Tert butyl alcohol	4.99	59	51876	234.28	ug/l	100
12) 1,1-Dichloroethene	3.90	96	102032	51.72	ug/l	100
13) Acrolein	3.75	56	62398	232.60	ug/l	100
14) Allyl chloride	4.51	41	182225	51.64	ug/l	100
15) Acrylonitrile	5.20	53	167006	261.30	ug/l	100
16) Acetone	3.97	43	143808	262.13	ug/l	100
17) Carbon Disulfide	4.22	76	342788	51.89	ug/l	100
18) Methyl Acetate	4.51	43	73229	52.10	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	278152	52.05	ug/l	100
20) Methylene Chloride	4.75	84	114836	48.31	ug/l	100
21) trans-1,2-Dichloroethene	5.25	96	115375	51.71	ug/l	100
22) Diisopropyl ether	6.15	45	370805	52.07	ug/l	100
23) Vinyl Acetate	6.10	43	1235851	264.25	ug/l	100
24) 1,1-Dichloroethane	6.05	63	200299	52.00	ug/l	100
25) 2-Butanone	7.02	43	220322	260.72	ug/l	100
26) 2,2-Dichloropropane	7.02	77	162194	50.65	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	127018	52.42	ug/l	100
28) Bromochloromethane	7.36	49	91202	51.74	ug/l	100
29) Tetrahydrofuran	7.38	42	143632	258.19	ug/l	100
30) Chloroform	7.53	83	189271	51.84	ug/l	100
31) Cyclohexane	7.81	56	205190	49.42	ug/l	100
32) 1,1,1-Trichloroethane	7.73	97	160816	52.11	ug/l	100
36) 1,1-Dichloropropene	7.94	75	161347	52.78	ug/l	100
37) Ethyl Acetate	7.10	43	95273	52.33	ug/l	100
38) Carbon Tetrachloride	7.92	117	136693	52.25	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	210501	51.51	ug/l	100
40) Benzene	8.19	78	476181	52.39	ug/l	100
41) Methacrylonitrile	7.38	41	126481	58.71	ug/l #	22
42) 1,2-Dichloroethane	8.26	62	124001	52.86	ug/l	100
43) Isopropyl Acetate	8.30	43	178945	52.84	ug/l	100
44) Trichloroethene	8.96	130	114991	51.84	ug/l	100
45) 1,2-Dichloropropane	9.24	63	120663	52.61	ug/l	100
46) Dibromomethane	9.33	93	61454	51.72	ug/l	100
47) Bromodichloromethane	9.52	83	145310	52.90	ug/l	100
48) Methyl methacrylate	9.31	41	82760	53.93	ug/l	100
49) 1,4-Dioxane	9.32	88	17228	1099.53	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	461430	264.41	ug/l	100
52) Toluene	10.26	92	289130	52.47	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	161706	53.91	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	190151	53.18	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	90878	52.41	ug/l	100
56) Ethyl methacrylate	10.52	69	137447	54.40	ug/l	100
57) 1,3-Dichloropropane	10.80	76	160215	52.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	227231	221.70	ug/l	100
59) 2-Hexanone	10.85	43	332672	268.11	ug/l	100
60) Dibromochloromethane	11.00	129	97930	53.74	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85111	52.52	ug/l	100
64) Tetrachloroethene	10.73	164	90642	50.74	ug/l	100
65) Chlorobenzene	11.53	112	298064	52.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	98906	53.64	ug/l	100
67) Ethyl Benzene	11.60	91	556205	52.65	ug/l	100
68) m/p-Xylenes	11.71	106	414755	106.08	ug/l	100
69) o-Xylene	12.04	106	194595	52.91	ug/l	100
70) Styrene	12.05	104	341462	53.68	ug/l	100
71) Bromoform	12.22	173	56023	55.55	ug/l #	100
73) Isopropylbenzene	12.34	105	529498	51.43	ug/l	100
74) N-amyl acetate	12.15	43	165013	52.27	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	114525	51.60	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	147087	56.47	ug/l #	100
77) Bromobenzene	12.62	156	110773	50.67	ug/l	100
78) n-propylbenzene	12.68	91	651460	51.30	ug/l	100
79) 2-Chlorotoluene	12.77	91	360073	51.26	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	433858	51.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41912	52.60	ug/l	100
82) 4-Chlorotoluene	12.86	91	374416	51.47	ug/l	100
83) tert-Butylbenzene	13.08	119	358683	50.92	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	433216	51.39	ug/l	100
85) sec-Butylbenzene	13.27	105	533393	51.28	ug/l	100
86) p-Isopropyltoluene	13.38	119	461226	51.63	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	217259	50.58	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	220936	51.17	ug/l	100
89) n-Butylbenzene	13.70	91	473985	51.43	ug/l	100
90) Hexachloroethane	13.97	117	87129	52.06	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	197350	50.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17247	49.95	ug/l	100

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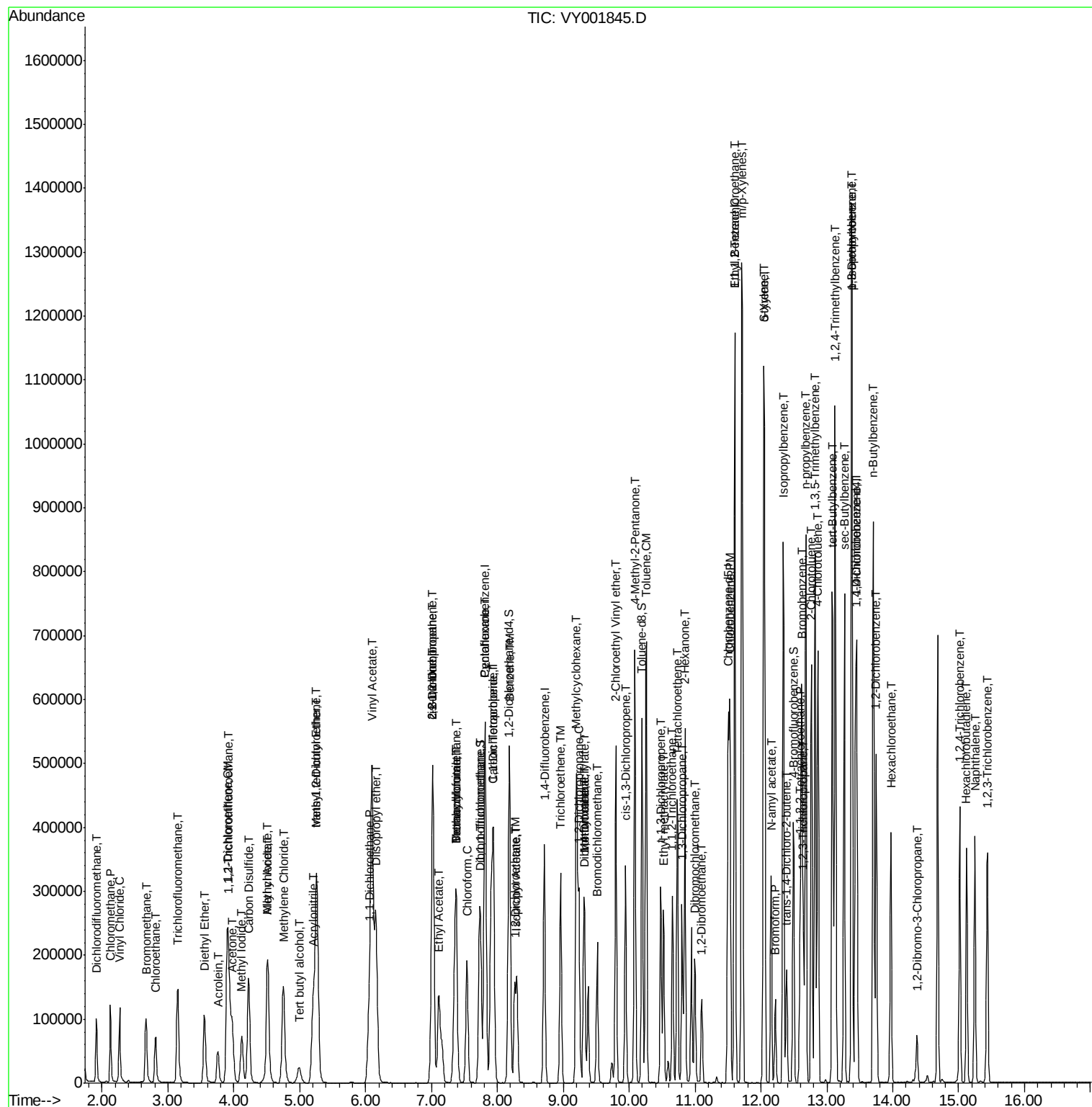
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	128461	50.81	ug/l	100
94) Hexachlorobutadiene	15.12	225	60904	49.53	ug/l	100
95) Naphthalene	15.25	128	304516	51.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	112100	50.20	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

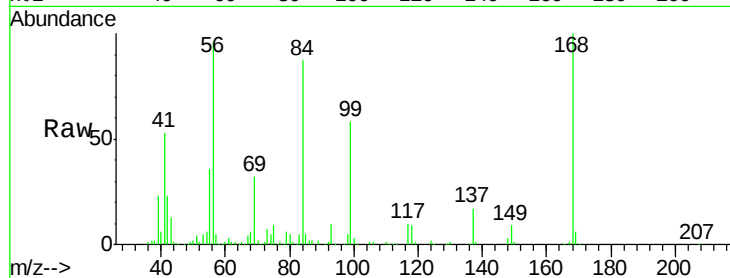
VSTDICCC050

Tgt Ion:168 Resp: 180399

Ion Ratio Lower Upper

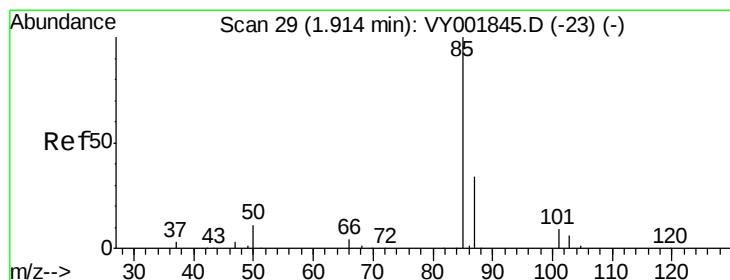
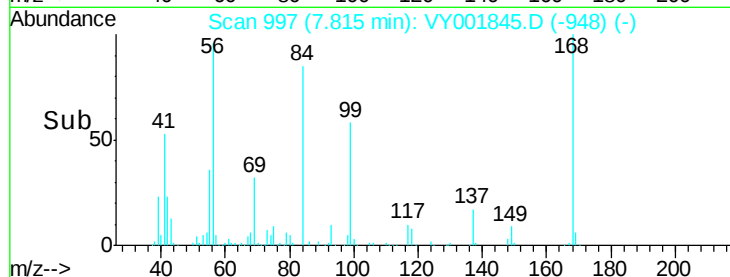
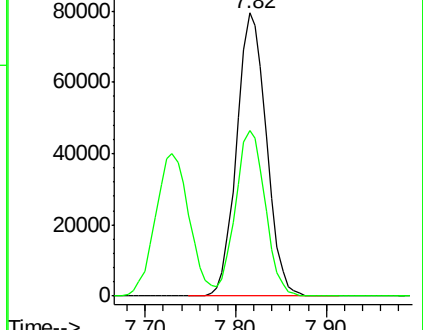
168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 49.02 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001845.D

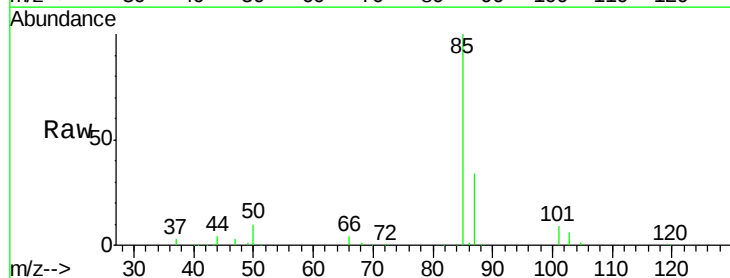
Acq: 04 Mar 2020 11:33

Tgt Ion: 85 Resp: 80358

Ion Ratio Lower Upper

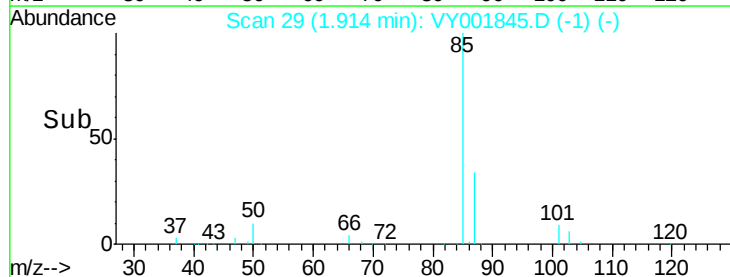
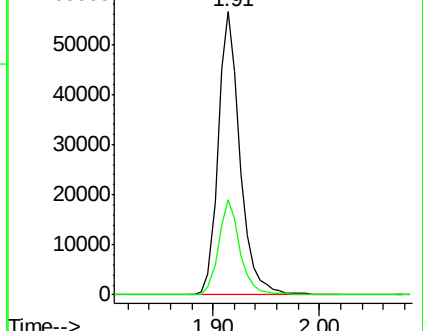
85 100

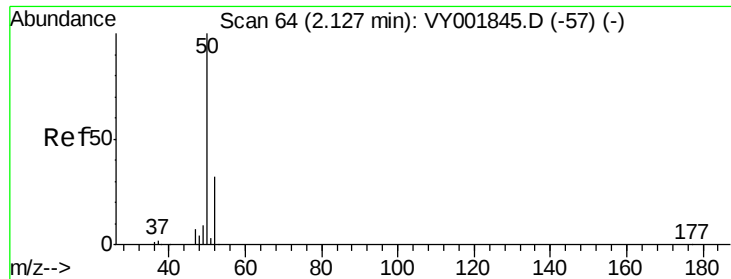
87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 50.23 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

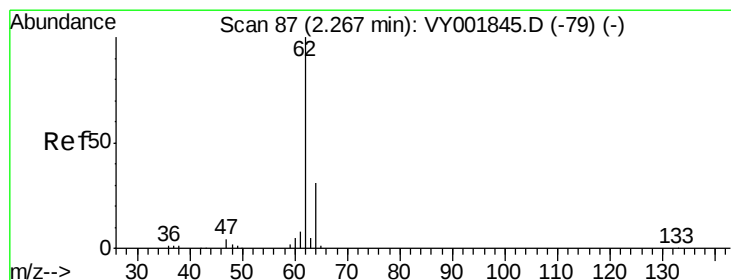
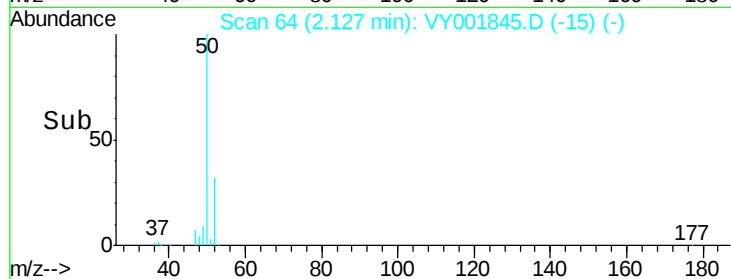
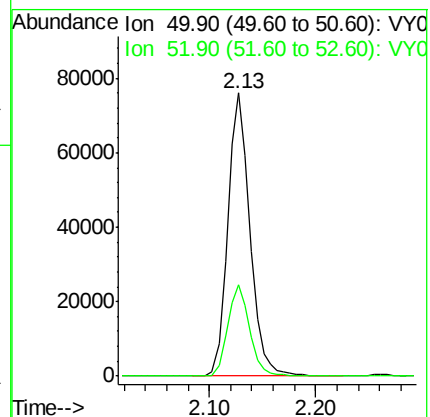
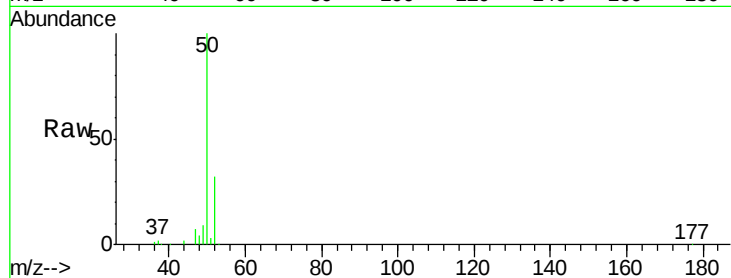
VSTDICCC050

Tgt Ion: 50 Resp: 110035

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 52.19 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001845.D

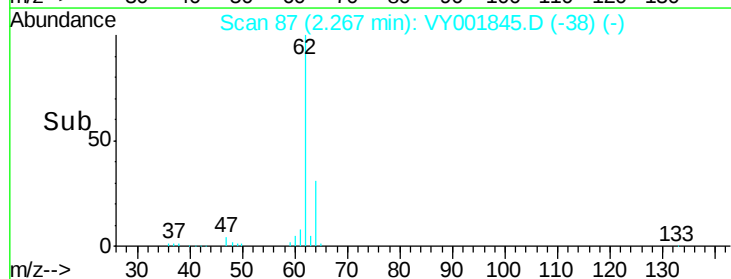
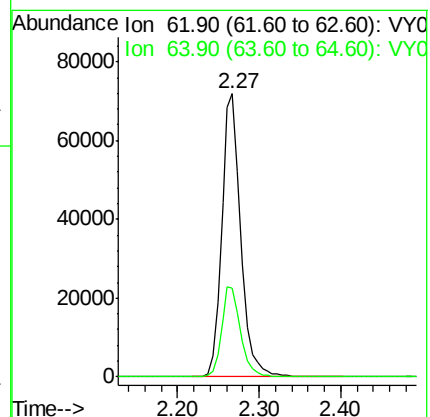
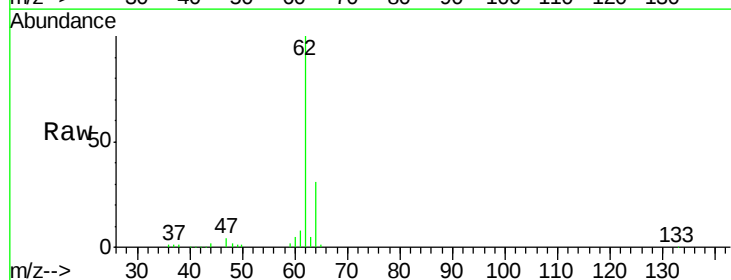
Acq: 04 Mar 2020 11:33

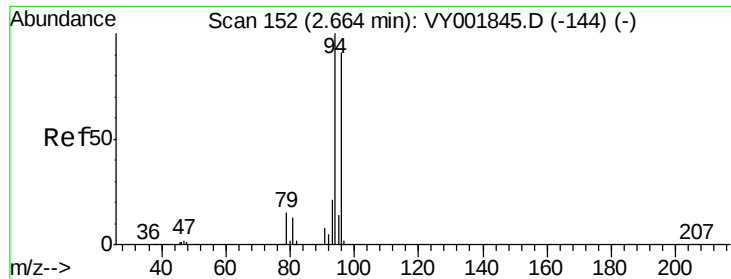
Tgt Ion: 62 Resp: 116661

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 50.80 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

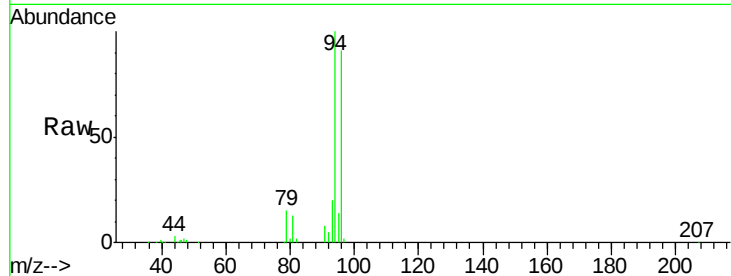
VSTDICCC050

Tgt Ion: 94 Resp: 74400

Ion Ratio Lower Upper

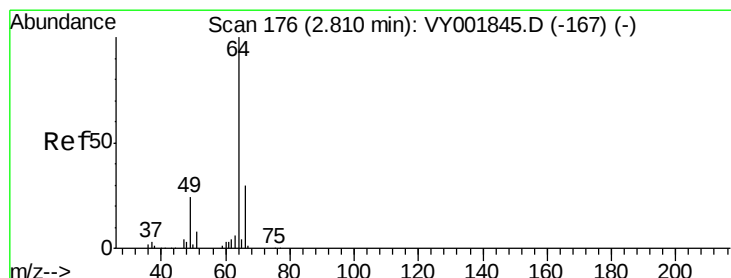
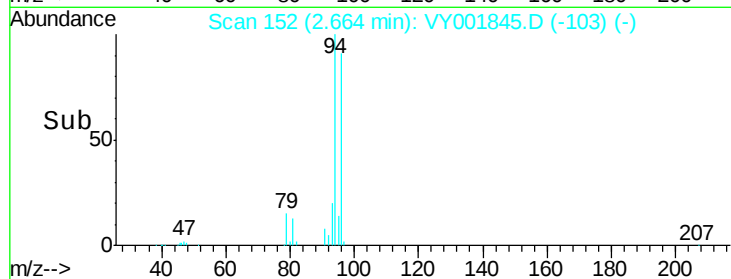
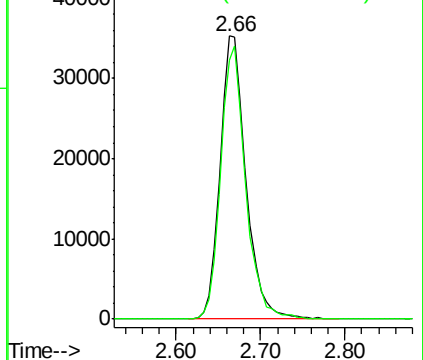
94 100

96 91.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.37 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001845.D

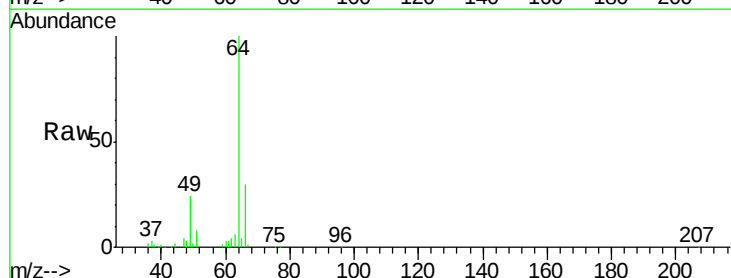
Acq: 04 Mar 2020 11:33

Tgt Ion: 64 Resp: 72747

Ion Ratio Lower Upper

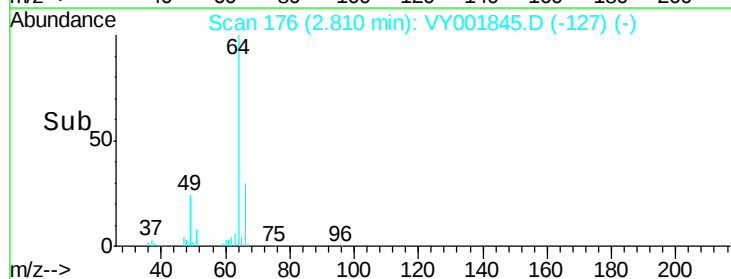
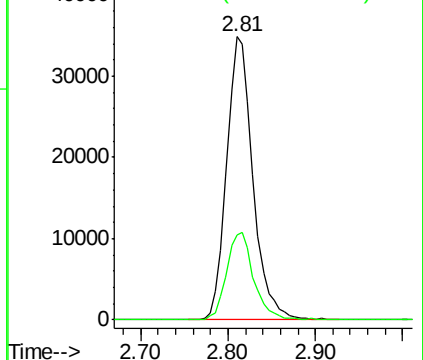
64 100

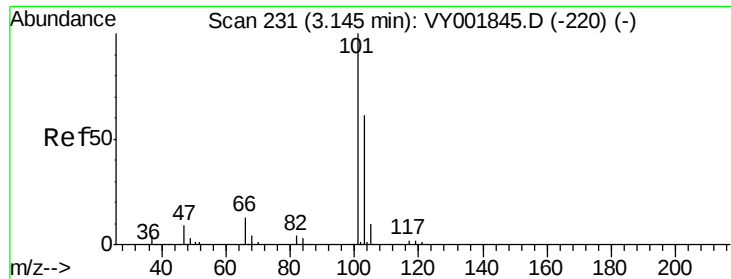
66 29.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



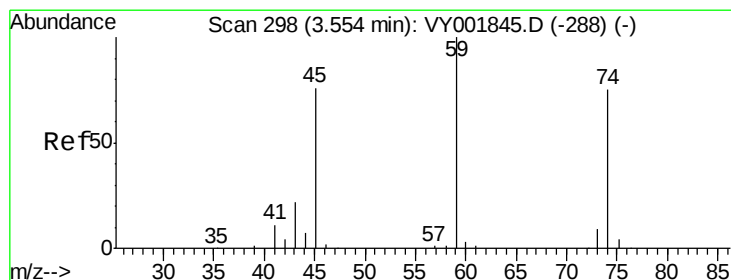
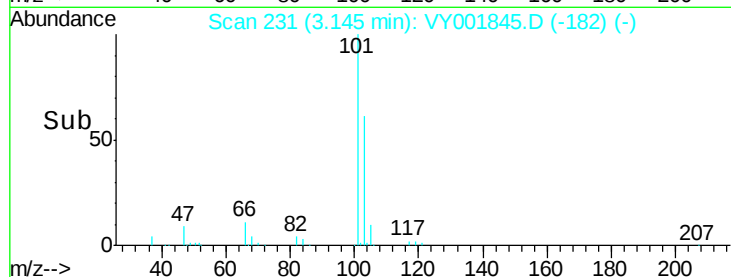
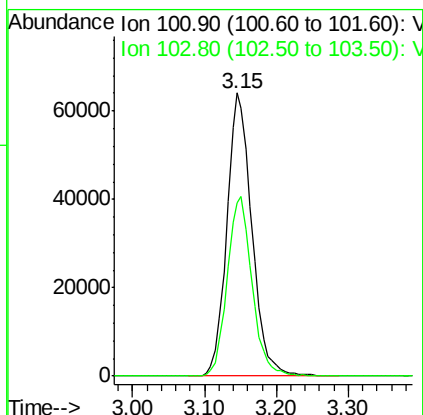
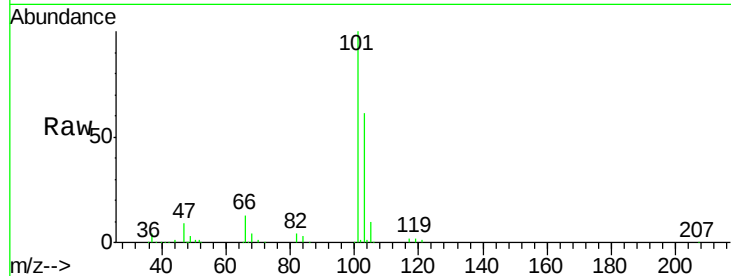


#7

Trichlorofluoromethane
 Concen: 50.02 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Instrument :
 MSVOA_Y
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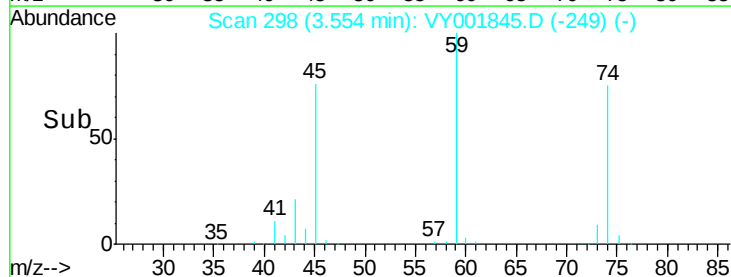
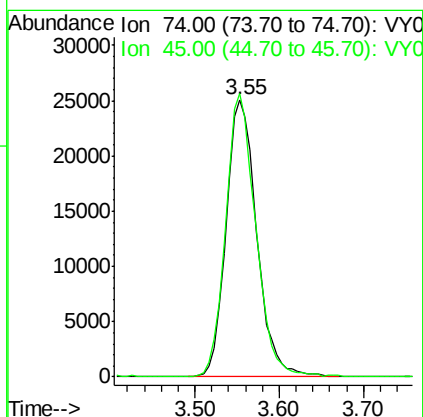
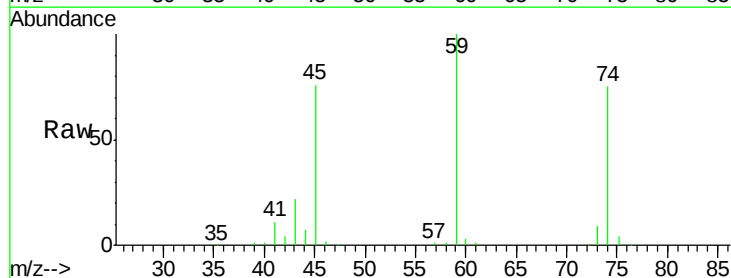
Tgt Ion:101 Resp: 153931
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.1 73.7



#8

Diethyl Ether
 Concen: 51.62 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 74 Resp: 61764
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.51 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

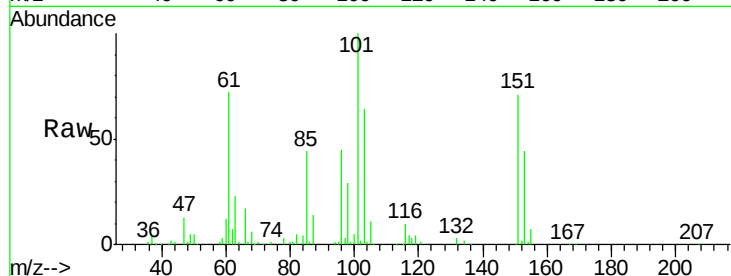
Tgt Ion:101 Resp: 98718

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

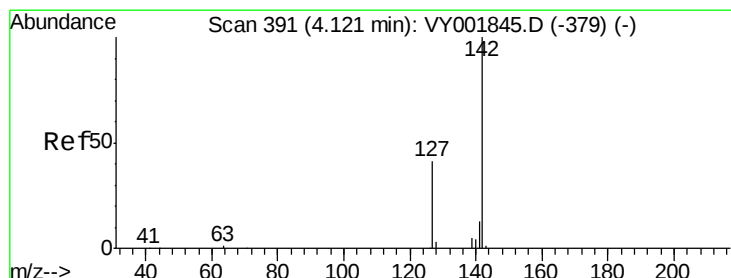
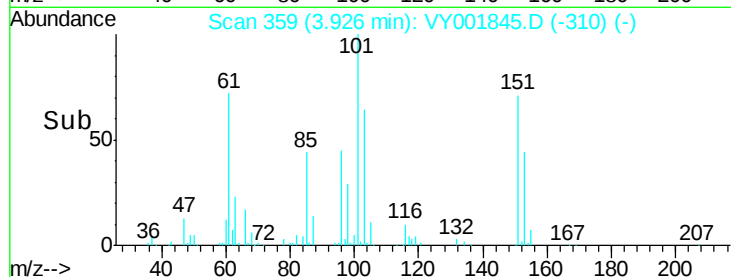
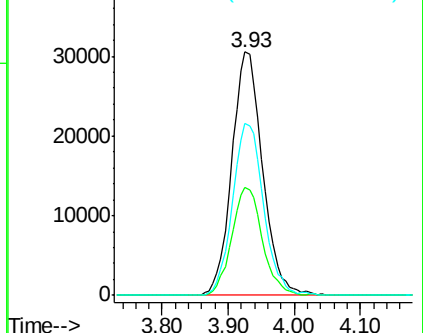
151 71.2 57.0 85.4



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: 55.77 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

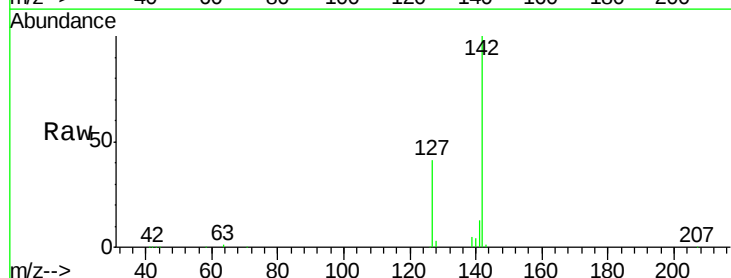
Tgt Ion:142 Resp: 126505

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

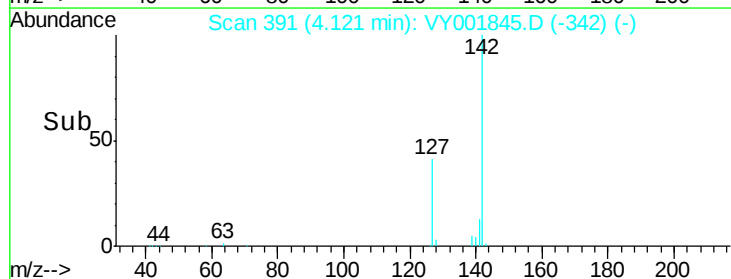
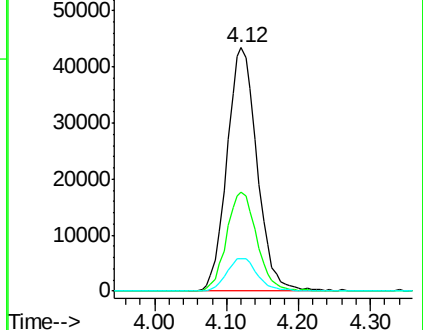
141 13.8 11.0 16.6

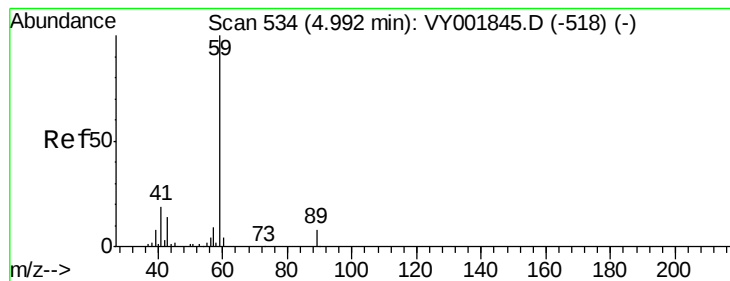


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



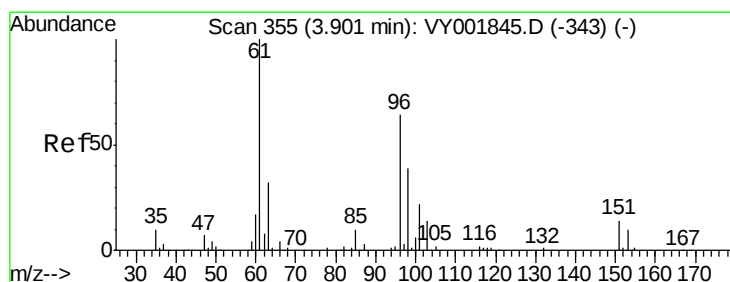
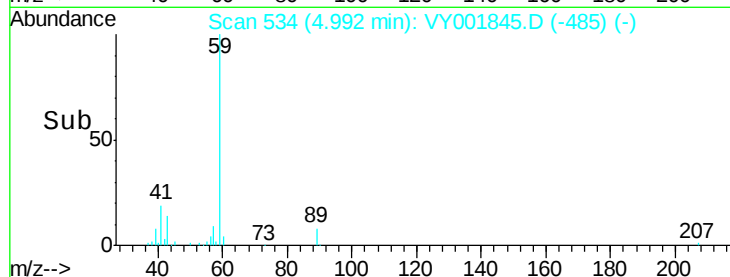
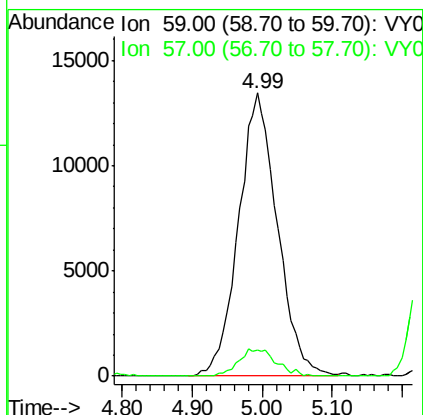
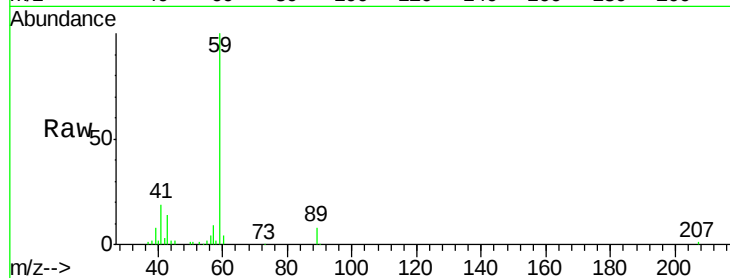


#11

Tert butyl alcohol
Concen: 234.28 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

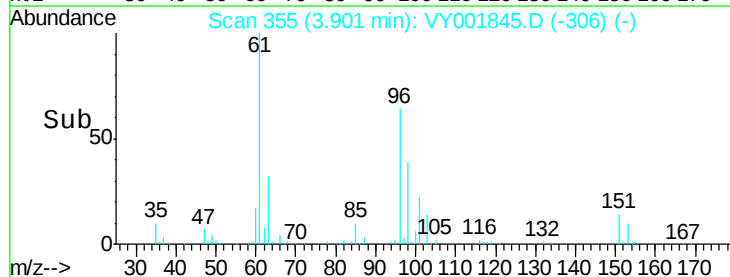
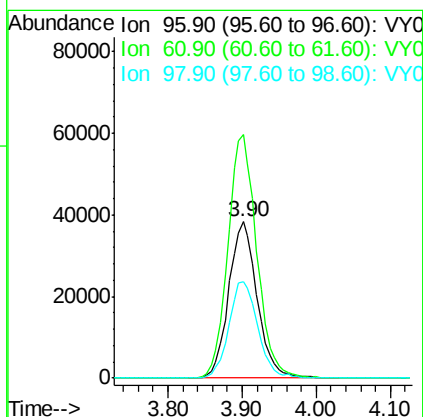
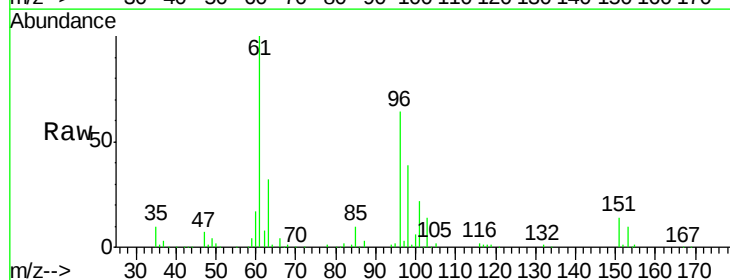
Tgt Ion: 59 Resp: 51876
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2

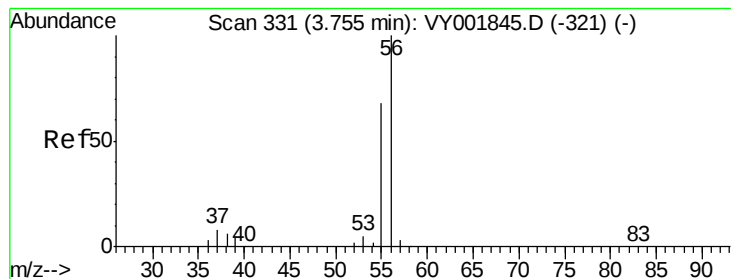


#12

1,1-Dichloroethene
Concen: 51.72 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 96 Resp: 102032
Ion Ratio Lower Upper
96 100
61 156.0 124.8 187.2
98 61.5 49.2 73.8





#13

Acrolein

Concen: 232.60 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

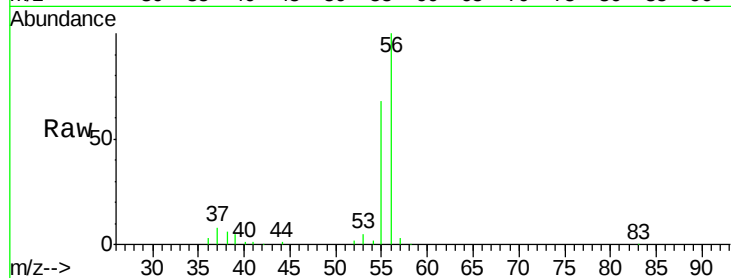
VSTDICCC050

Tgt Ion: 56 Resp: 62398

Ion Ratio Lower Upper

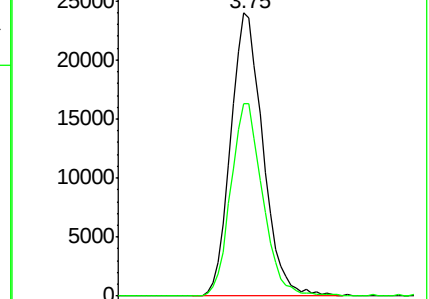
56 100

55 67.5 54.0 81.0

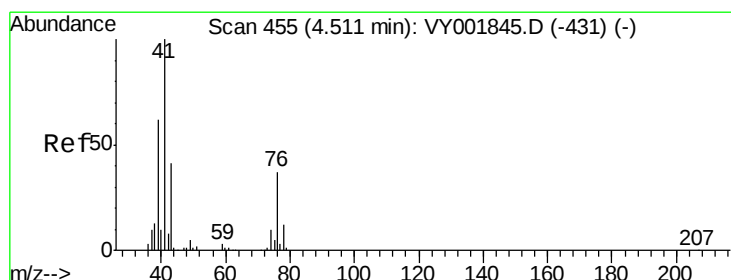
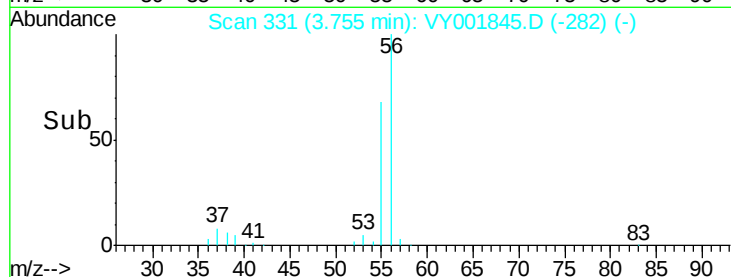


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



Time-->



#14

Allyl chloride

Concen: 51.64 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

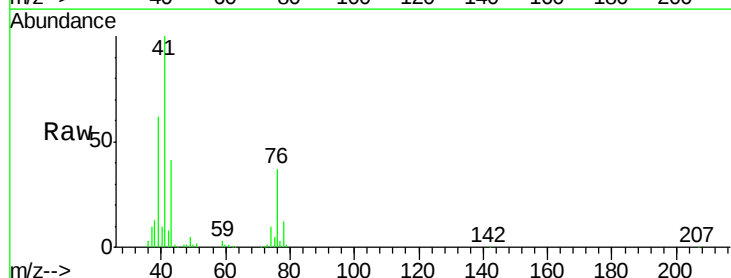
Tgt Ion: 41 Resp: 182225

Ion Ratio Lower Upper

41 100

39 61.3 49.0 73.6

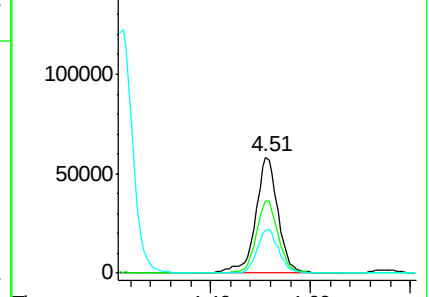
76 36.1 28.9 43.3



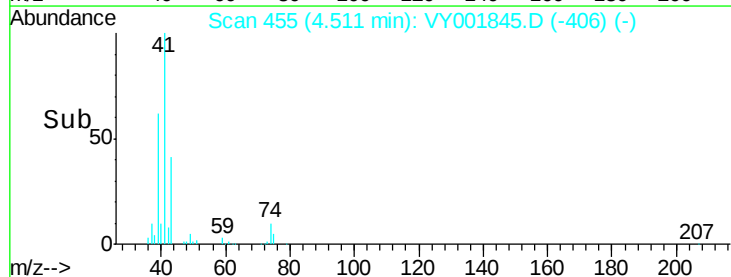
Abundance Ion 41.00 (40.70 to 41.70): VY0

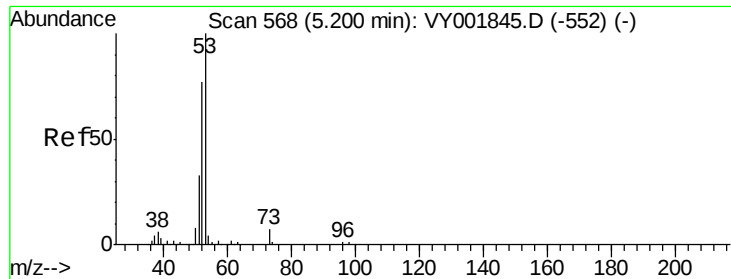
Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



Time-->





#15

Acrylonitrile

Concen: 261.30 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

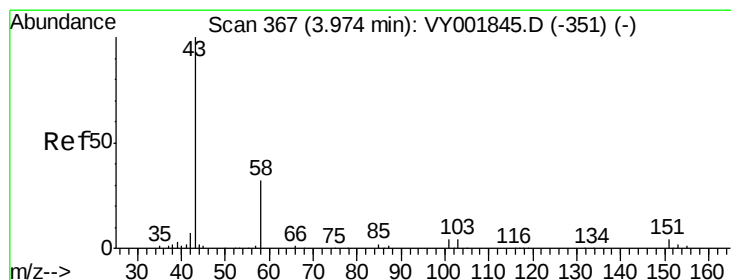
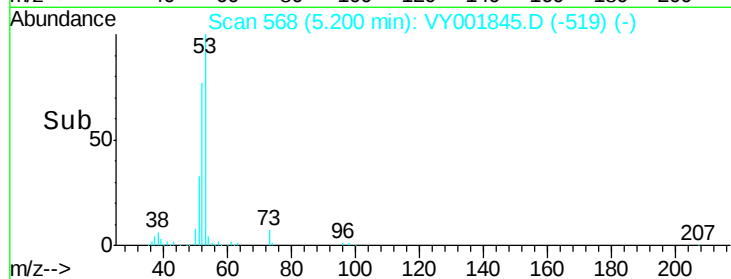
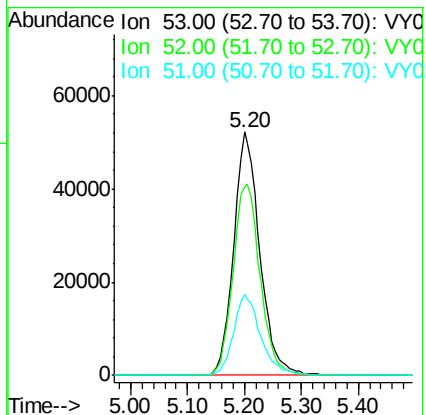
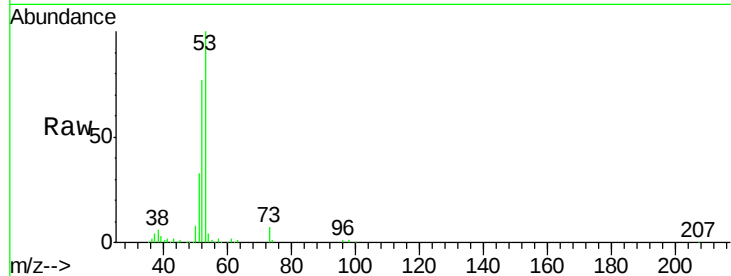
Tgt Ion: 53 Resp: 167006

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

51 34.4 27.5 41.3



#16

Acetone

Concen: 262.13 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001845.D

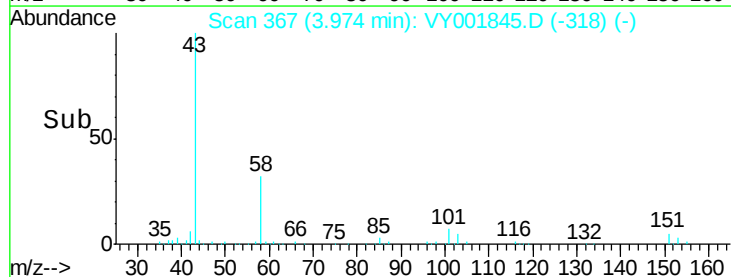
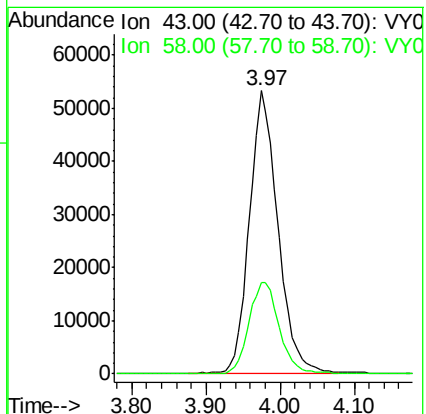
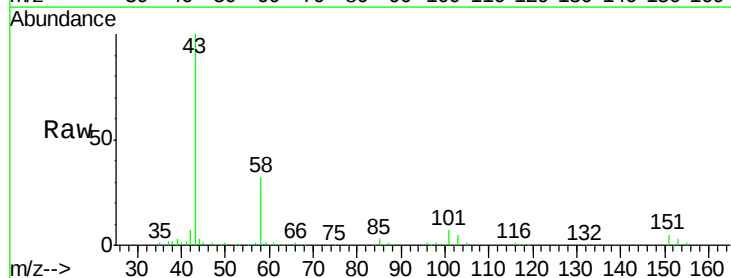
Acq: 04 Mar 2020 11:33

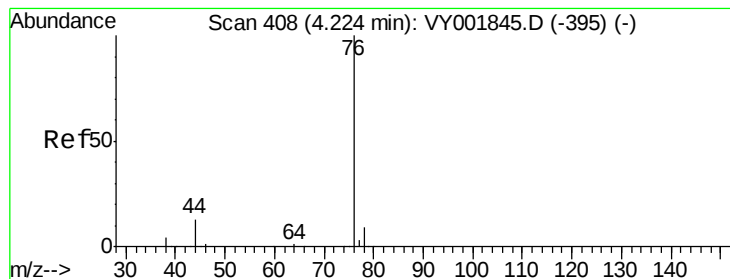
Tgt Ion: 43 Resp: 143808

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9





#17

Carbon Disulfide

Concen: 51.89 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

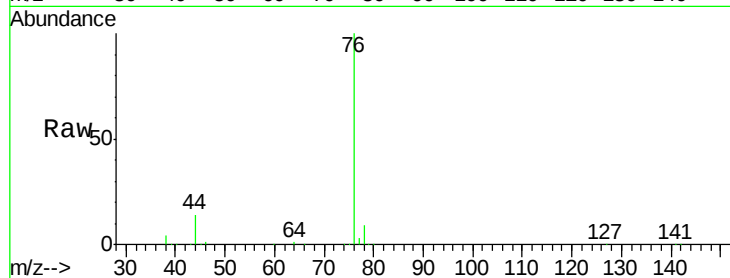
VSTDICCC050

Tgt Ion: 76 Resp: 342788

Ion Ratio Lower Upper

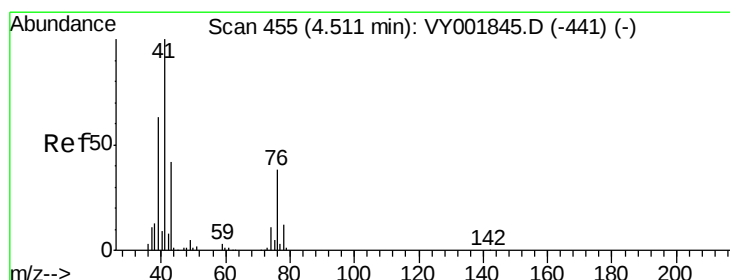
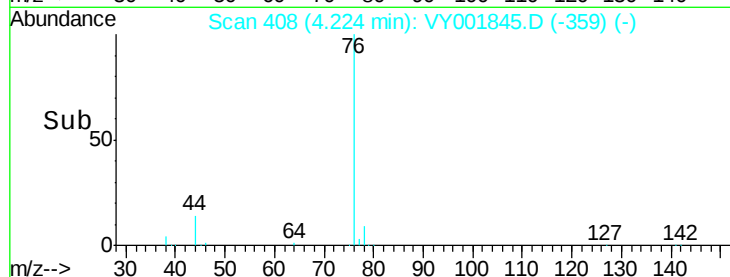
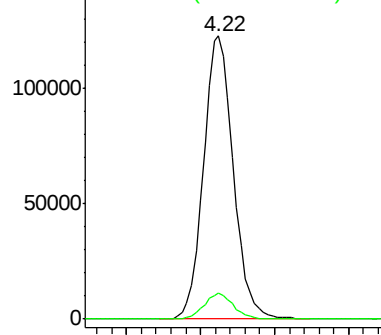
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 52.10 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001845.D

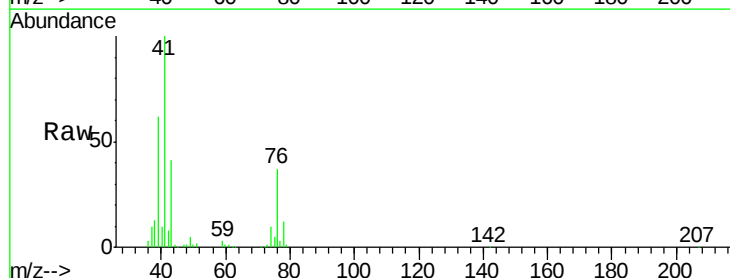
Acq: 04 Mar 2020 11:33

Tgt Ion: 43 Resp: 73229

Ion Ratio Lower Upper

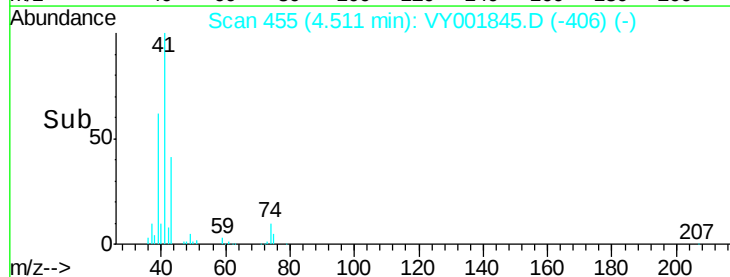
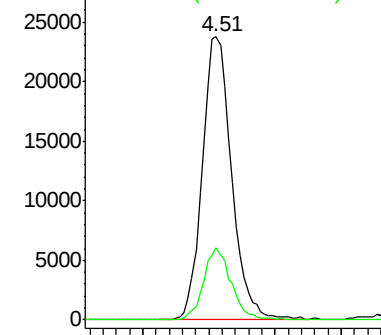
43 100

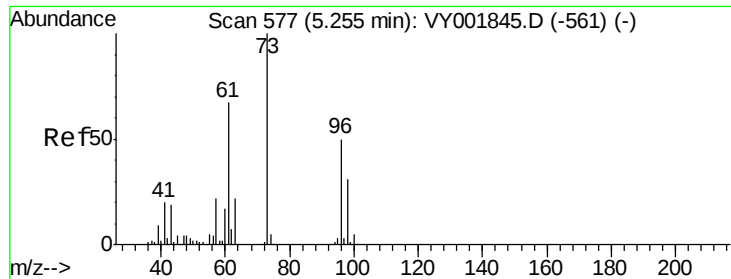
74 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

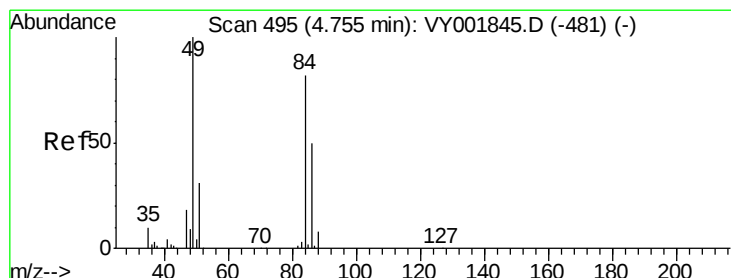
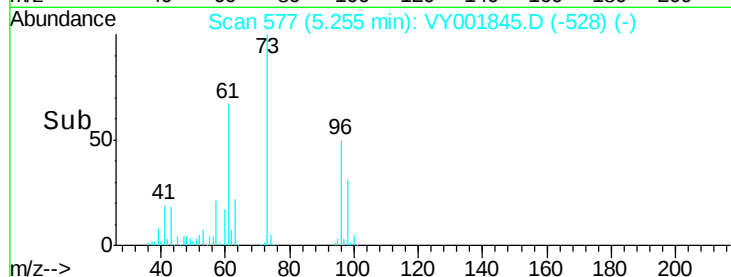
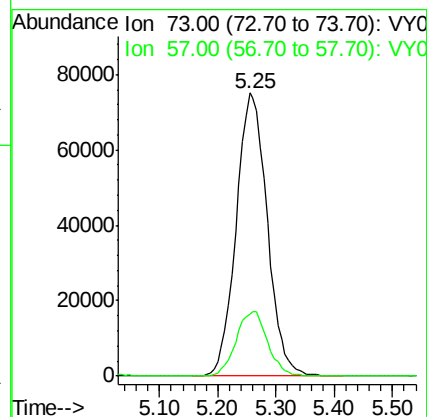
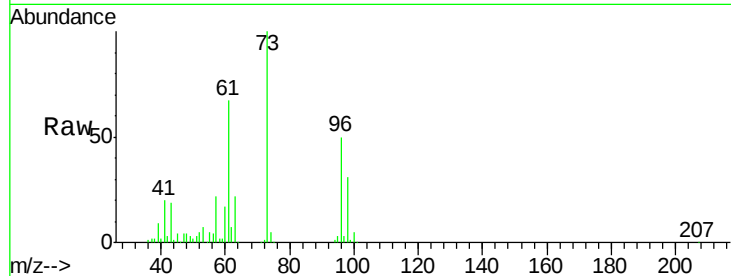




#19
Methyl tert-butyl Ether
Concen: 52.05 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

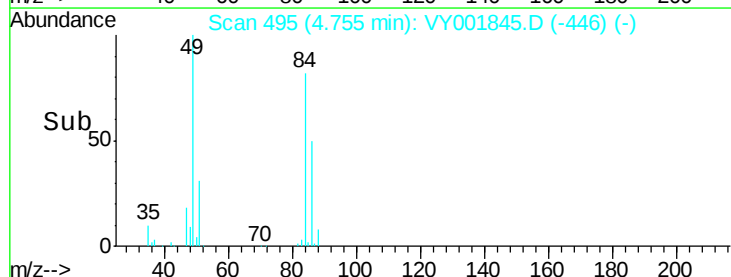
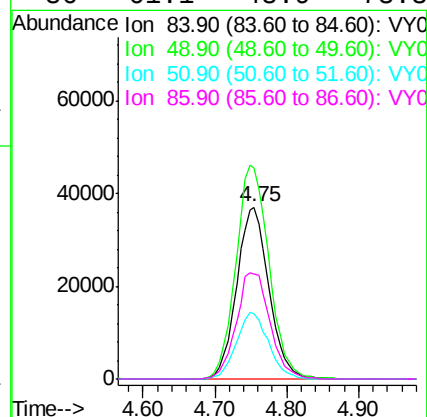
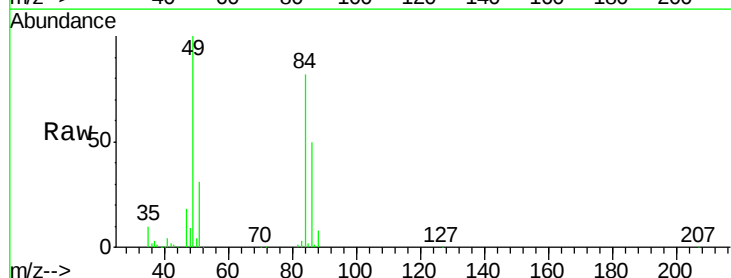
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 278152
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 48.31 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 84 Resp: 114836
Ion Ratio Lower Upper
84 100
49 122.7 98.2 147.2
51 37.7 30.2 45.2
86 61.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 51.71 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

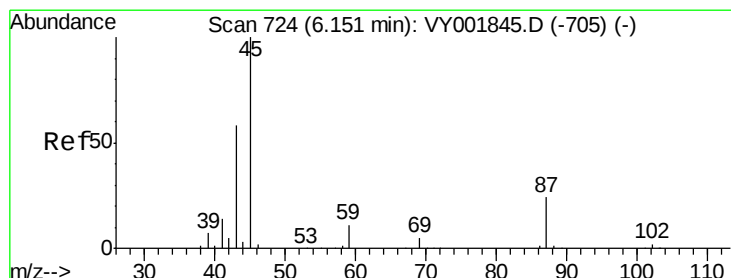
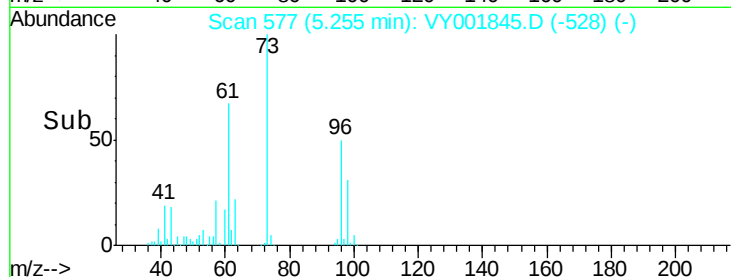
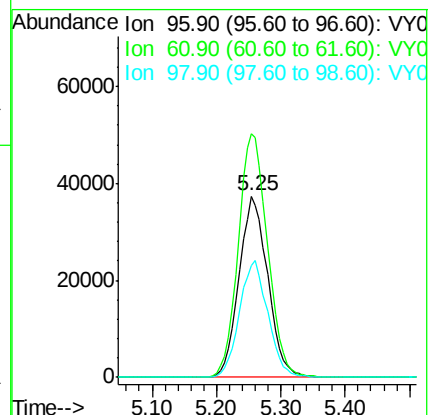
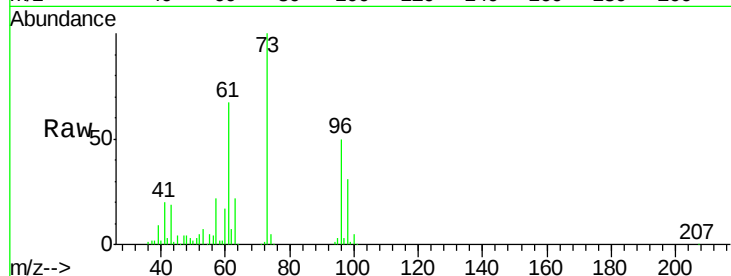
Tgt Ion: 96 Resp: 115375

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

98 61.6 49.3 73.9



#22

Diisopropyl ether

Concen: 52.07 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Tgt Ion: 45 Resp: 370805

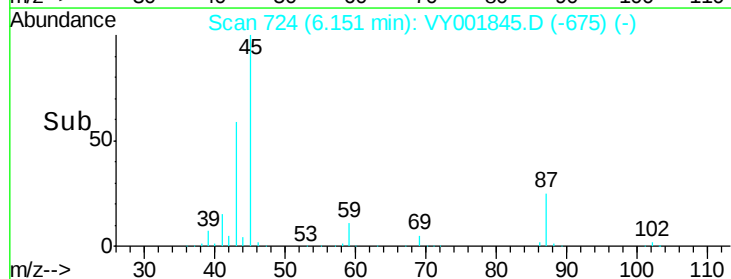
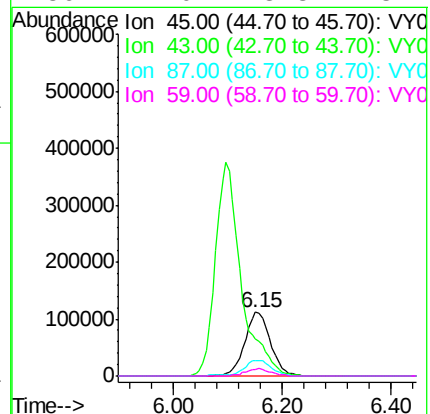
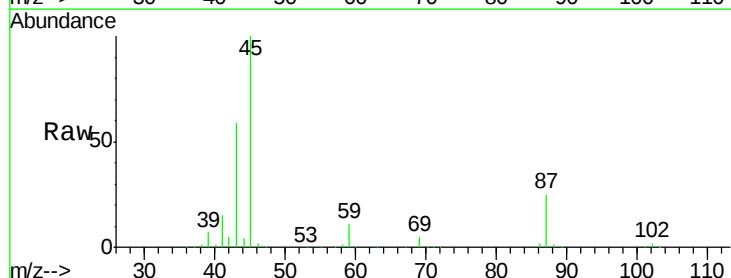
Ion Ratio Lower Upper

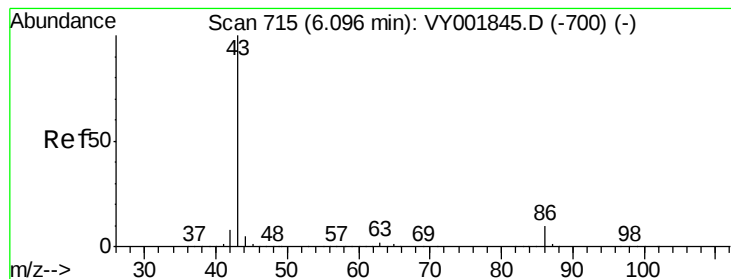
45 100

43 59.0 47.2 70.8

87 24.8 19.8 29.8

59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 264.25 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

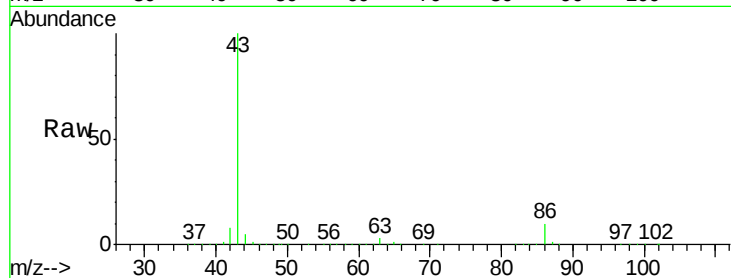
VSTDICCC050

Tgt Ion: 43 Resp: 1235851

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

400000

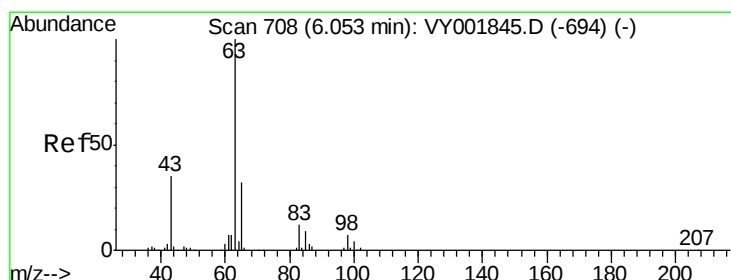
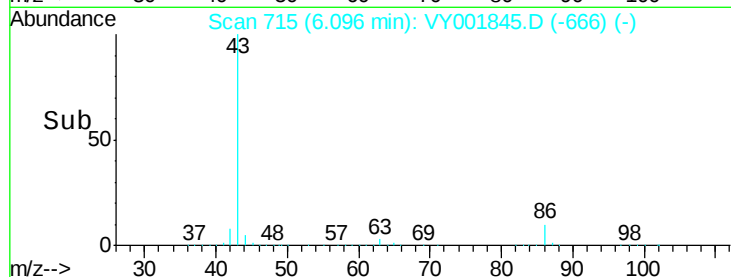
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.00 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

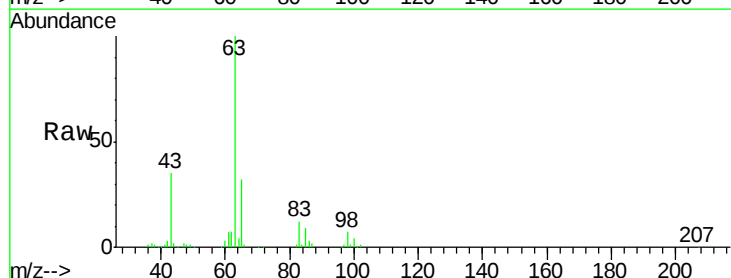
Tgt Ion: 63 Resp: 200299

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0



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

6.05

80000

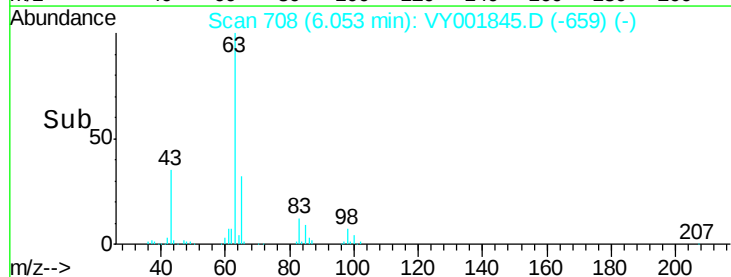
60000

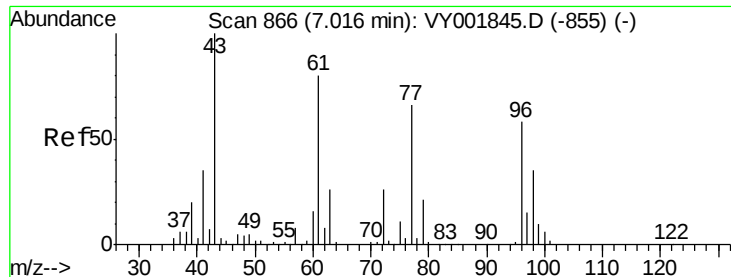
40000

20000

0

Time-->

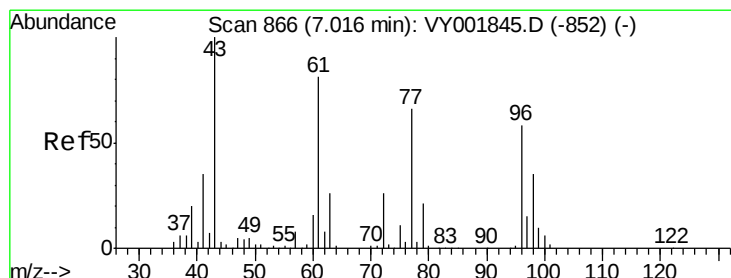
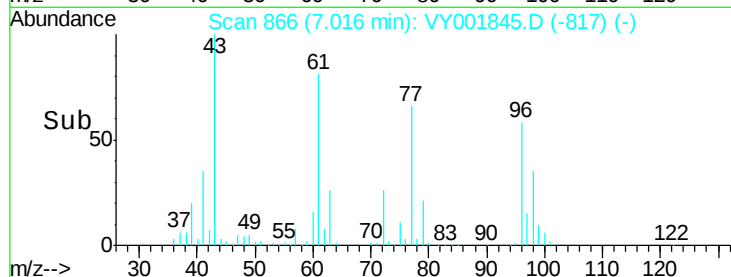
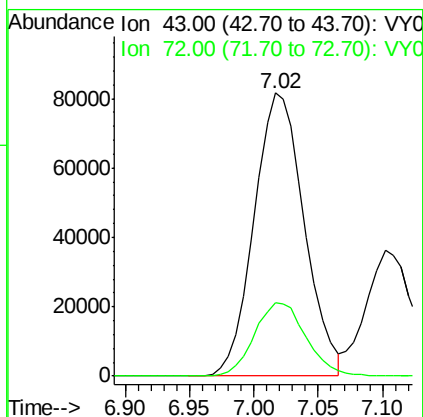
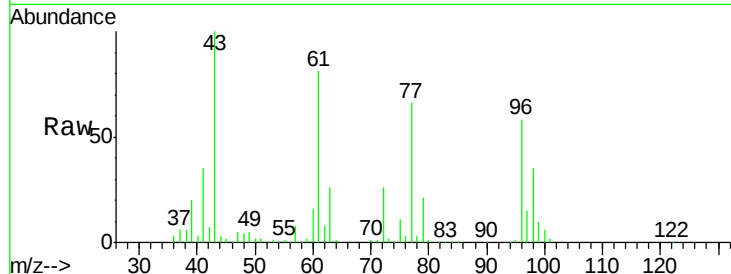




#25
2-Butanone
Concen: 260.72 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

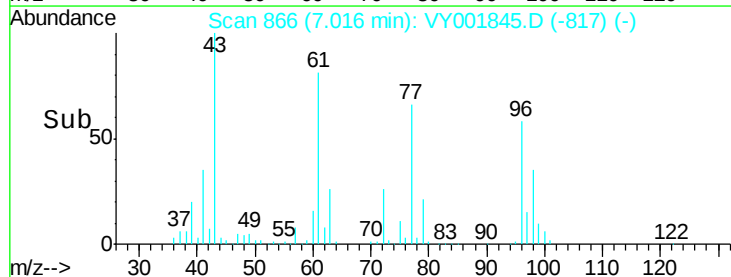
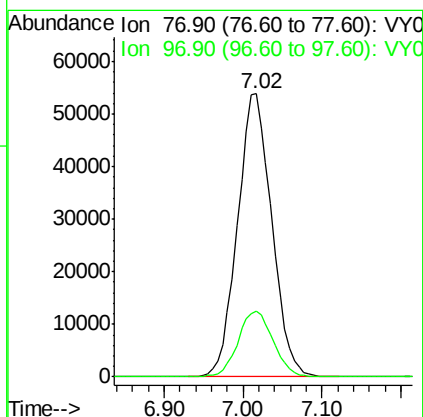
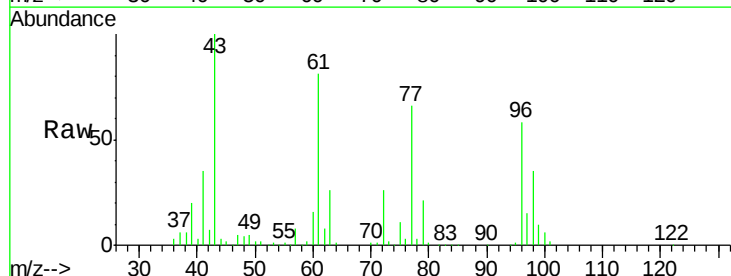
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

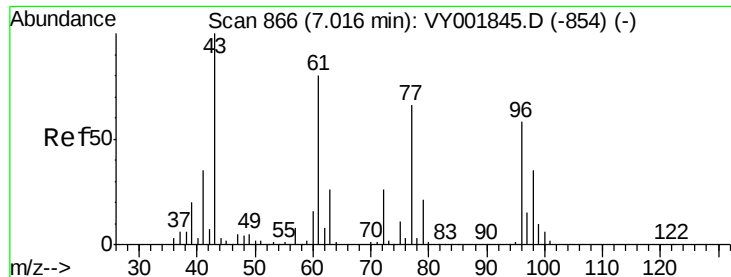
Tgt Ion: 43 Resp: 220322
Ion Ratio Lower Upper
43 100
72 26.1 20.9 31.3



#26
2,2-Dichloropropane
Concen: 50.65 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 77 Resp: 162194
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7



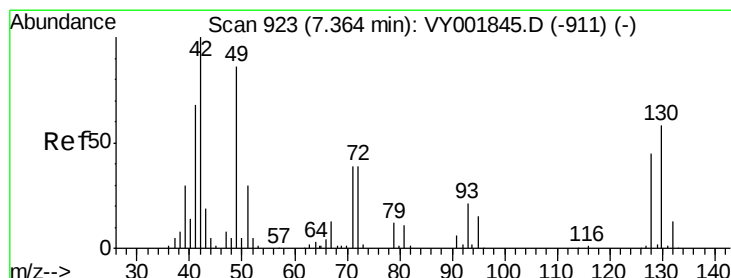
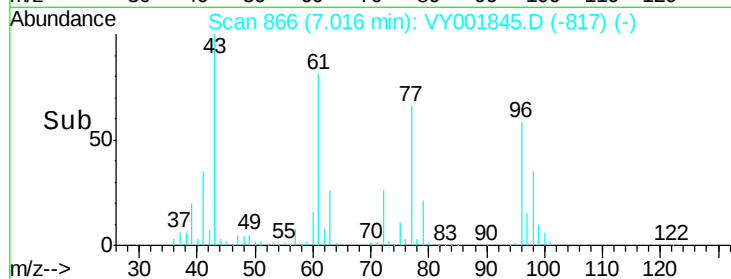
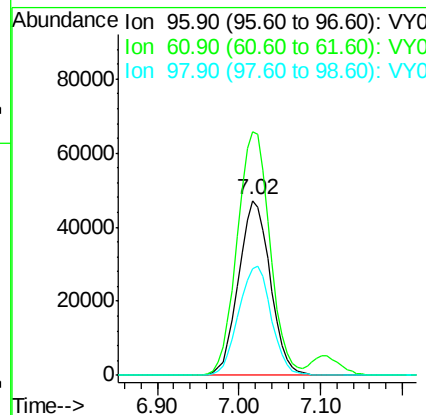
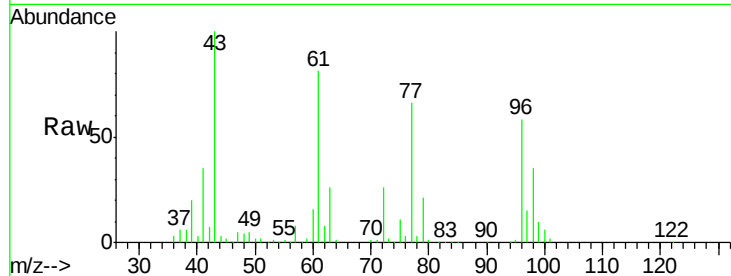


#27

cis-1,2-Dichloroethene
Concen: 52.42 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

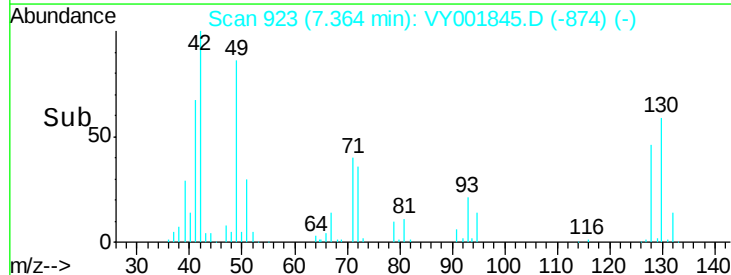
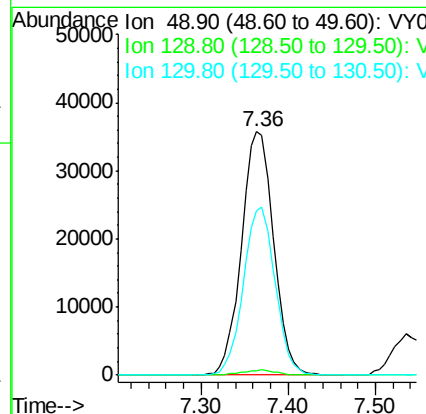
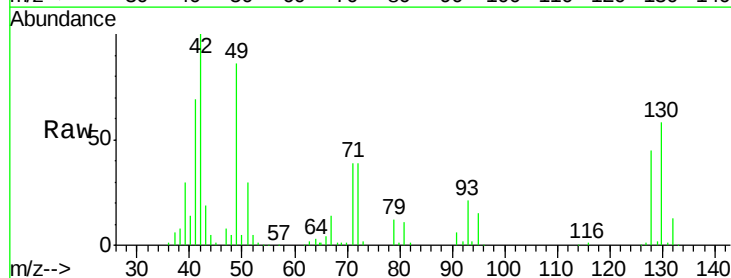
Tgt Ion: 96 Resp: 127018
Ion Ratio Lower Upper
96 100
61 144.1 0.0 288.2
98 64.5 0.0 129.0

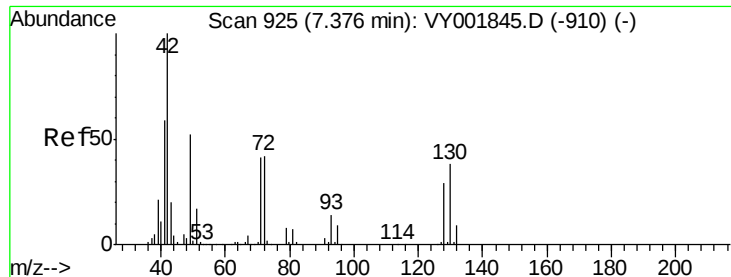


#28

Bromochloromethane
Concen: 51.74 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 49 Resp: 91202
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 68.0 54.4 81.6

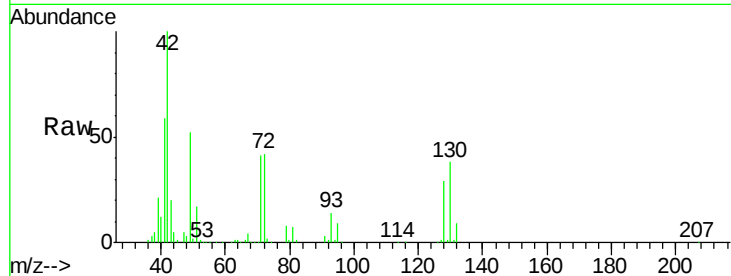




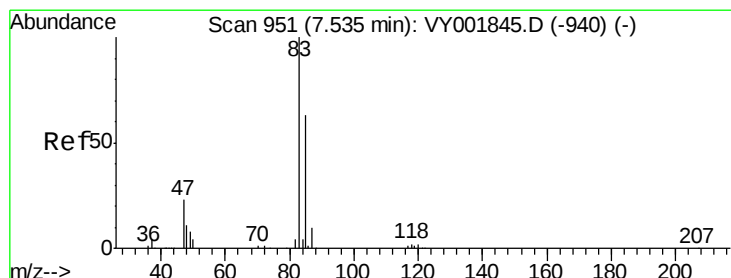
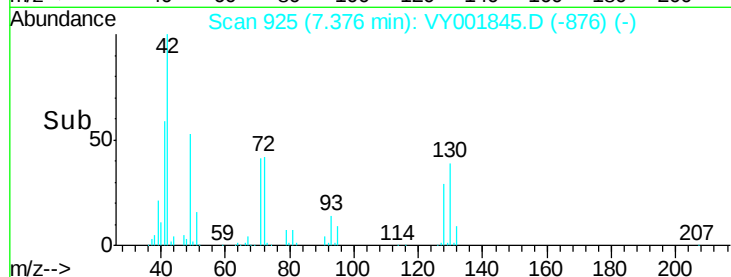
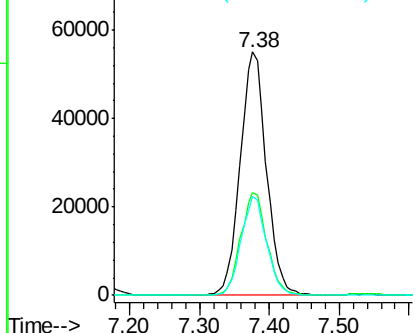
#29
Tetrahydrofuran
Concen: 258.19 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 143632
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 39.1 31.3 46.9

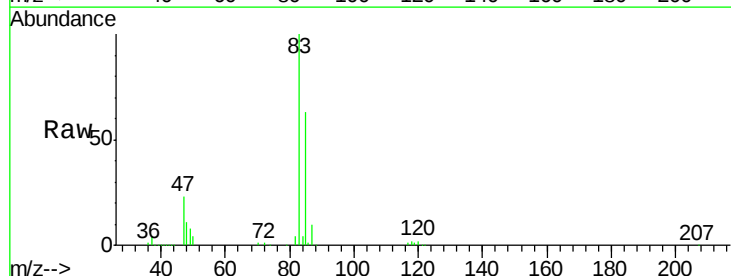


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

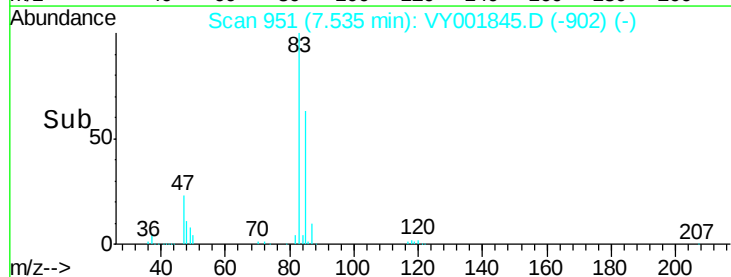
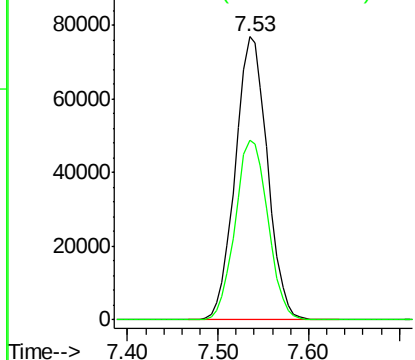


#30
Chloroform
Concen: 51.84 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 83 Resp: 189271
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1



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





#31

Cyclohexane

Concen: 49.42 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

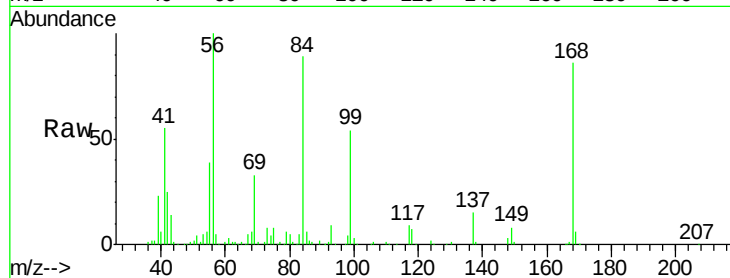
Tgt Ion: 56 Resp: 205190

Ion Ratio Lower Upper

56 100

69 33.4 26.7 40.1

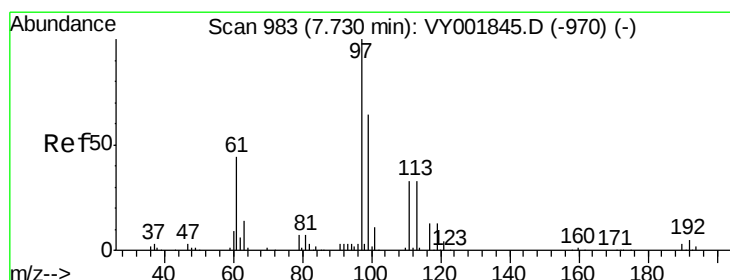
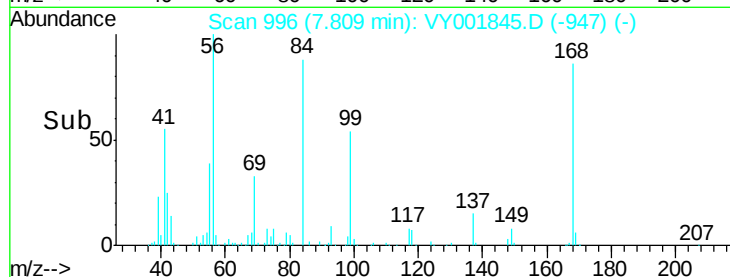
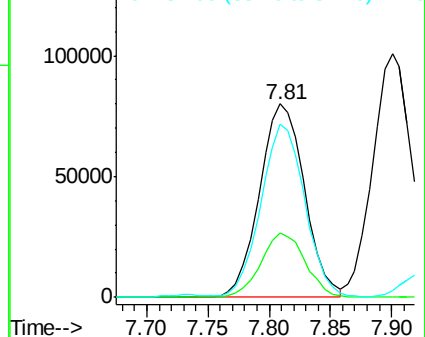
84 88.0 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.11 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

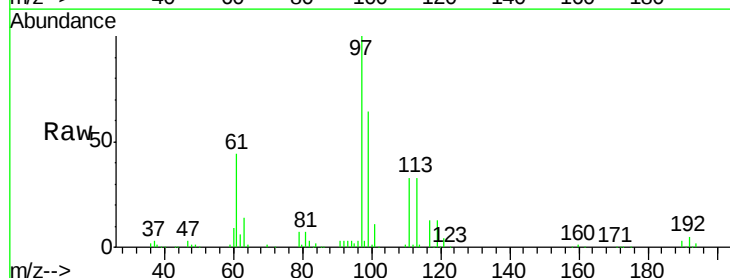
Tgt Ion: 97 Resp: 160816

Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

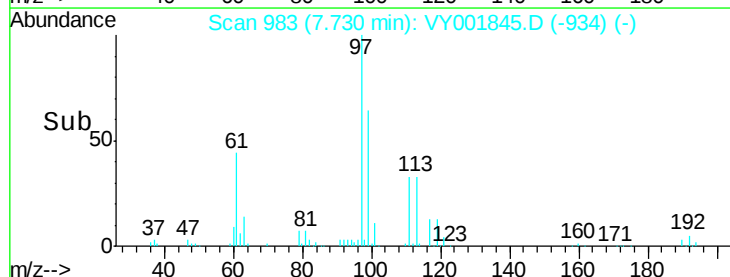
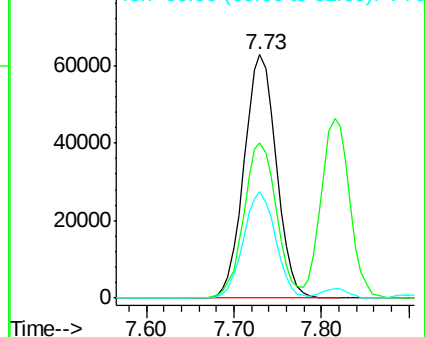
61 43.7 35.0 52.4

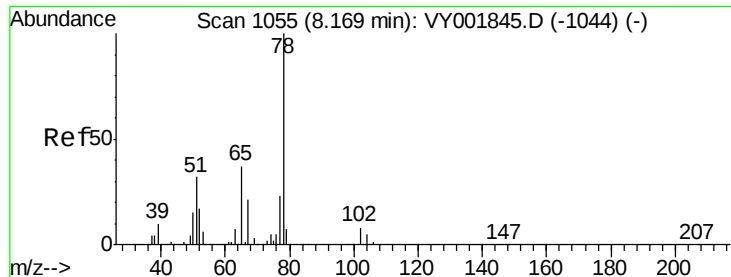


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

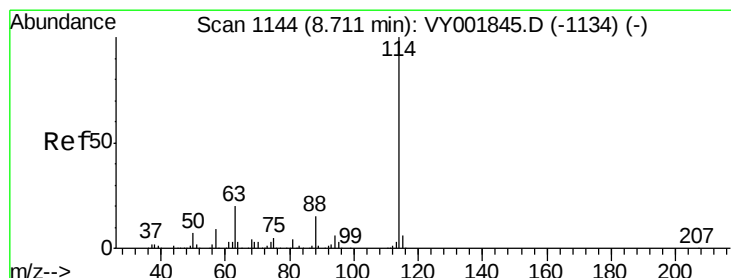
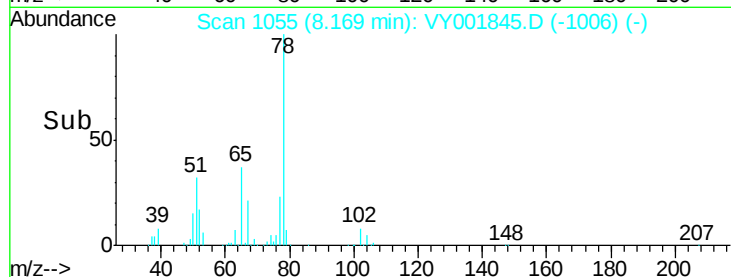
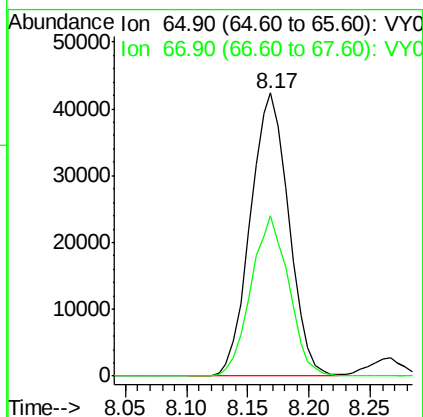
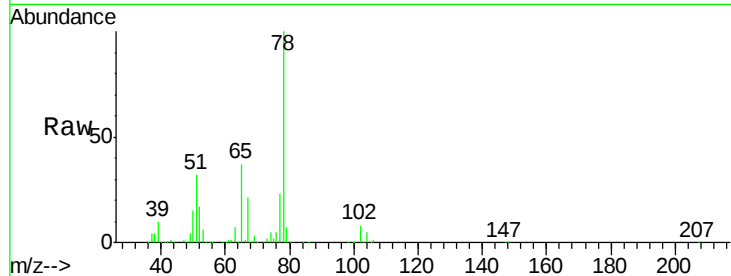




#33
 1,2-Dichloroethane-d4
 Concen: 48.22 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

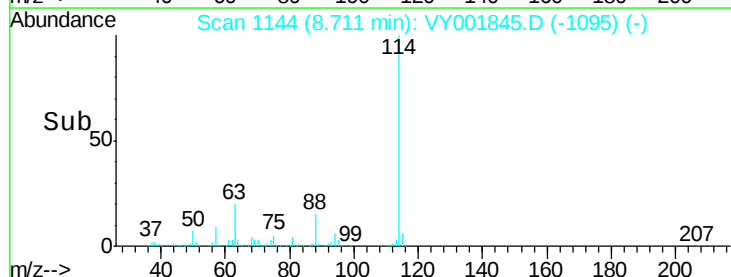
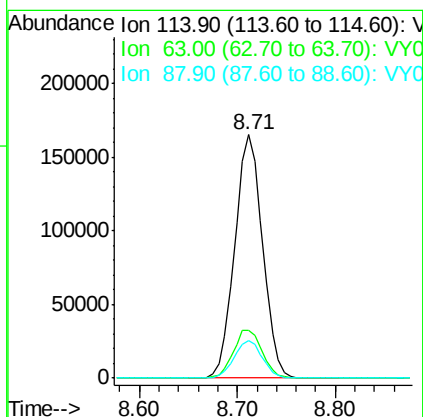
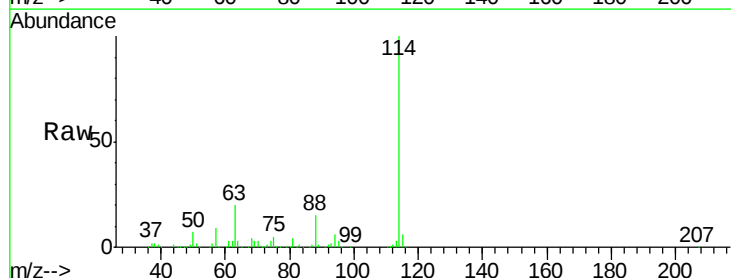
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

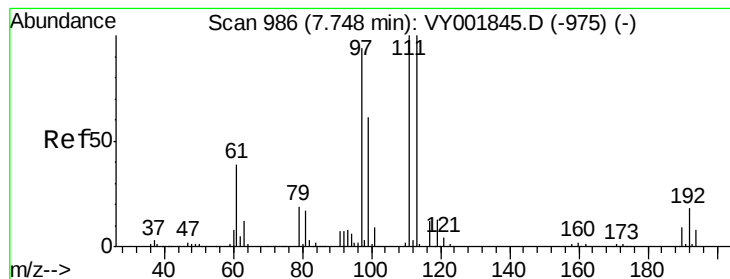
Tgt Ion: 65 Resp: 92645
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 114 Resp: 325479
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.94 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

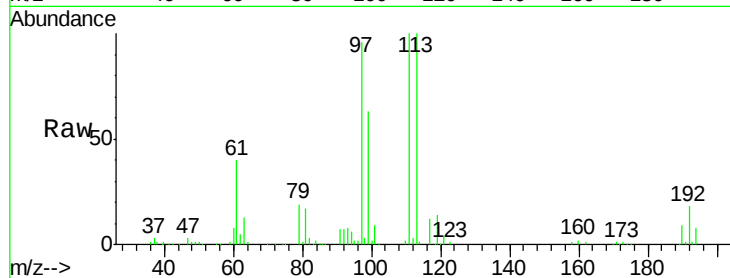
Tgt Ion:113 Resp: 87009

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

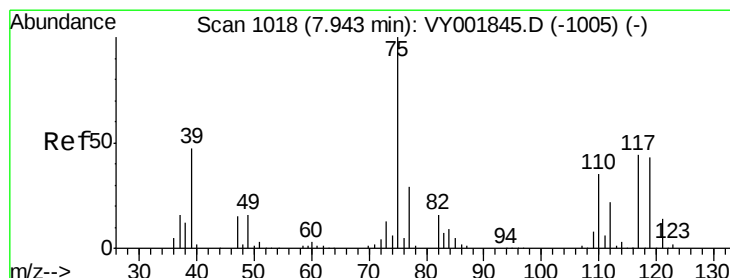
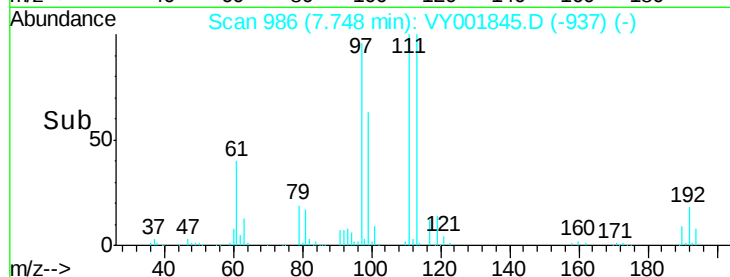
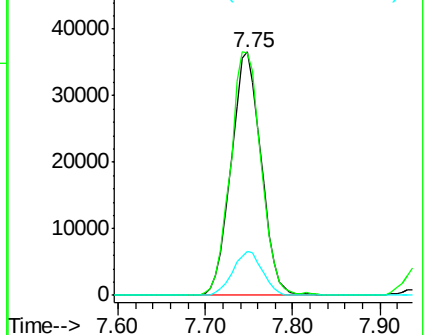
192 17.7 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.78 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

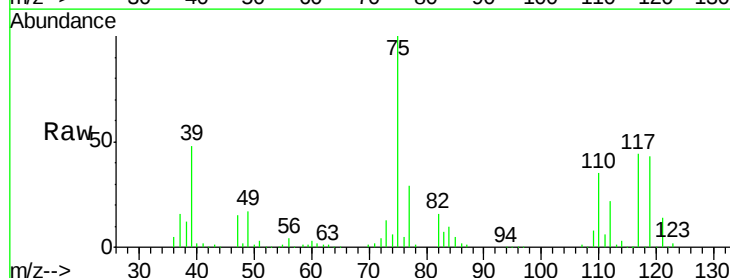
Tgt Ion: 75 Resp: 161347

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

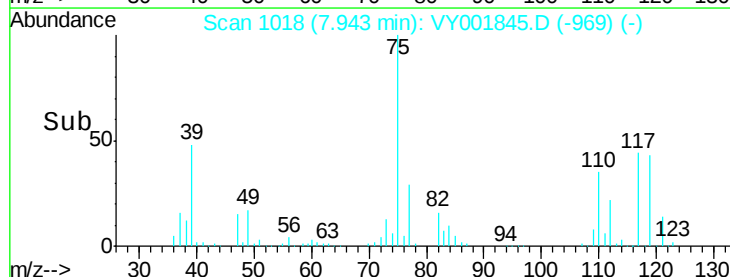
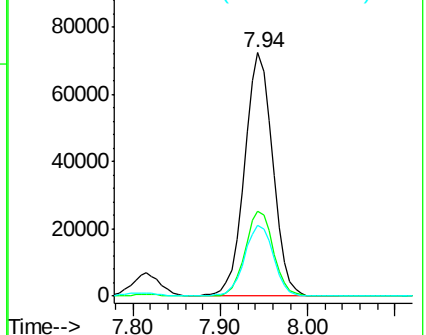
77 30.2 24.2 36.2

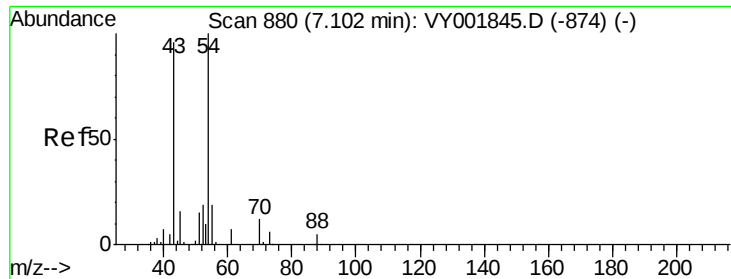


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

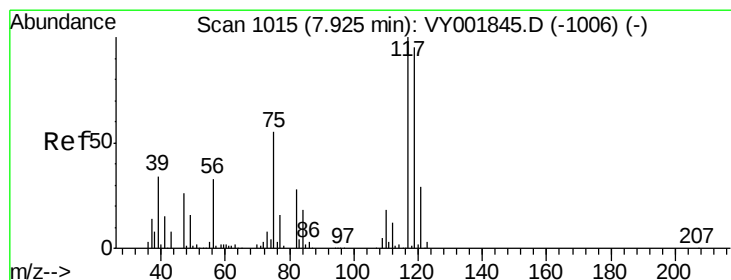
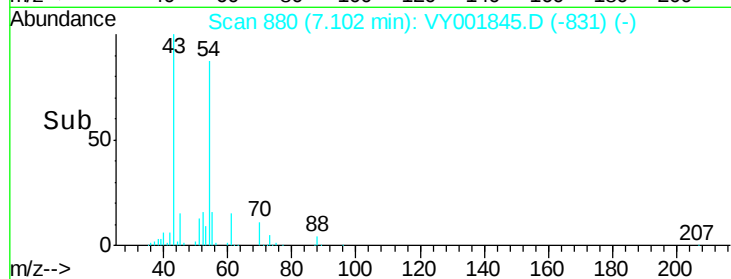
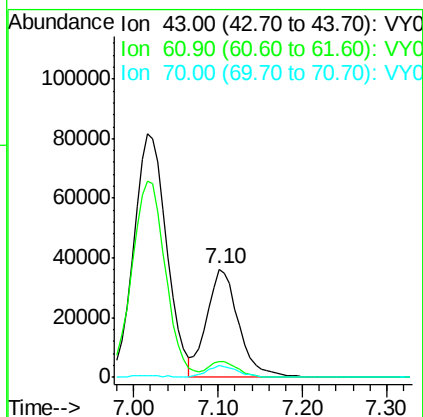
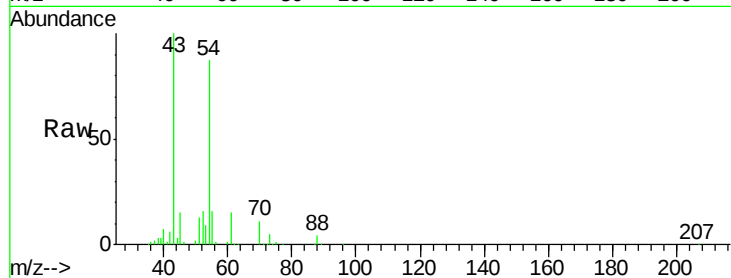




#37
Ethyl Acetate
Concen: 52.33 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

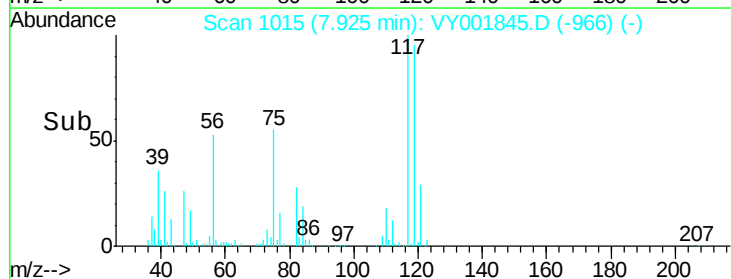
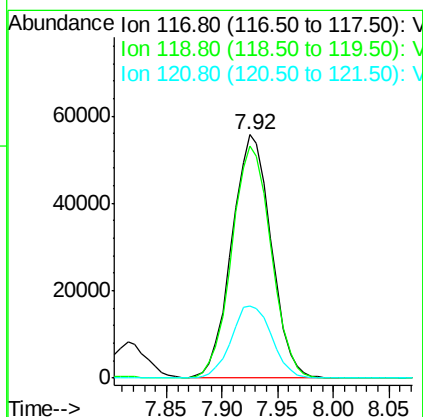
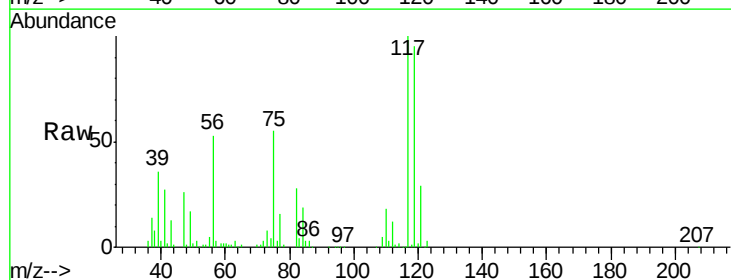
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

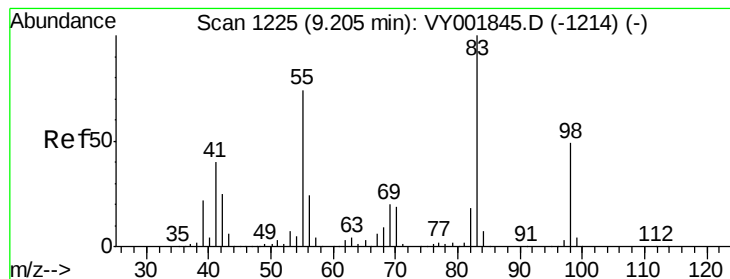
Tgt Ion: 43 Resp: 95273
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 52.25 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 117 Resp: 136693
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 29.4 23.5 35.3





#39

Methylcyclohexane

Concen: 51.51 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

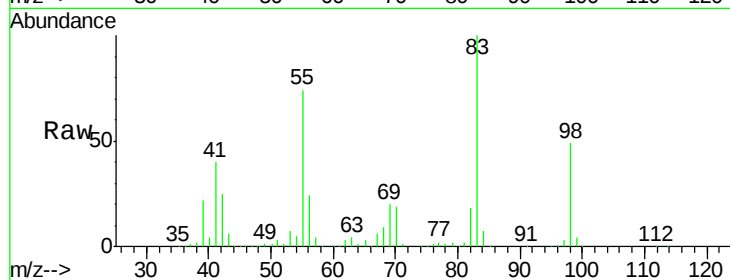
Tgt Ion: 83 Resp: 210501

Ion Ratio Lower Upper

83 100

55 74.2 59.4 89.0

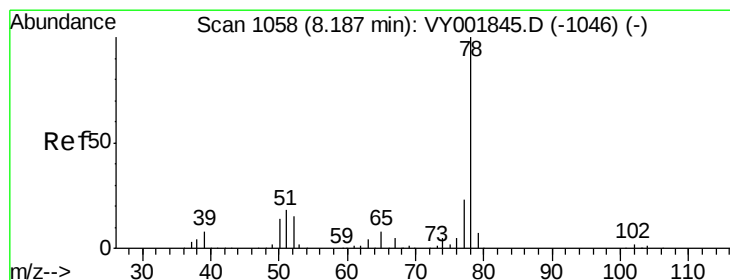
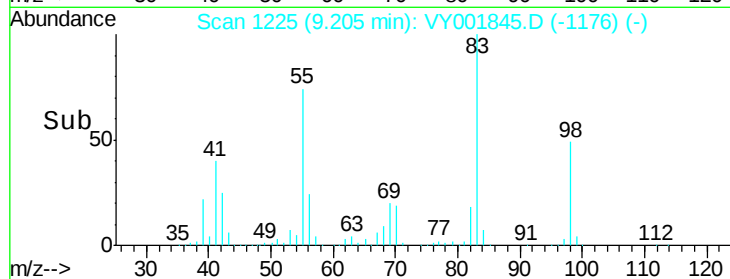
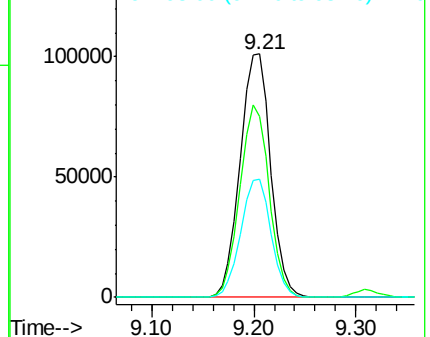
98 48.6 38.9 58.3



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: 52.39 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VY001845.D

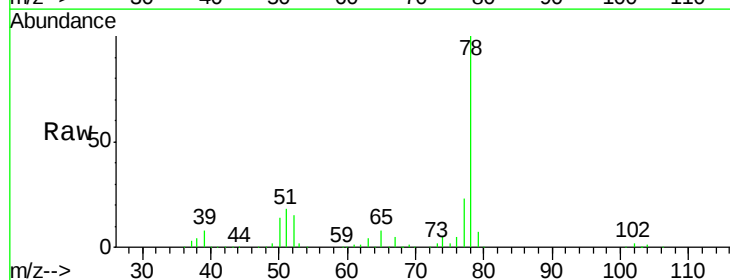
Acq: 04 Mar 2020 11:33

Tgt Ion: 78 Resp: 476181

Ion Ratio Lower Upper

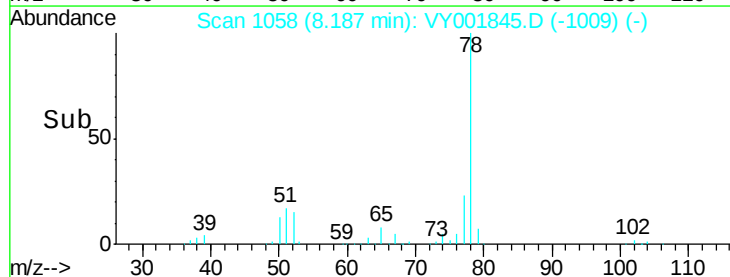
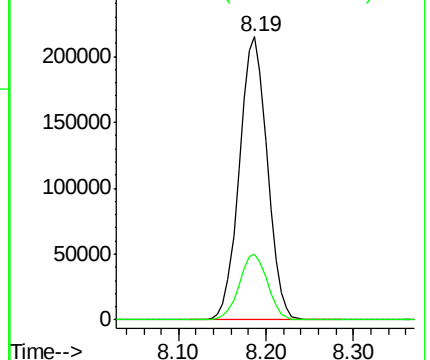
78 100

77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

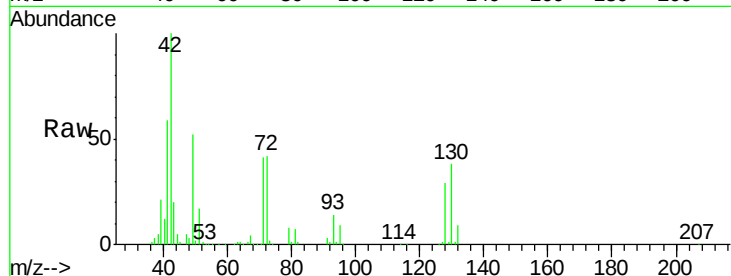




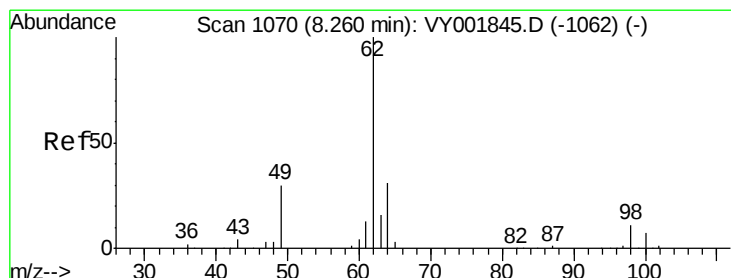
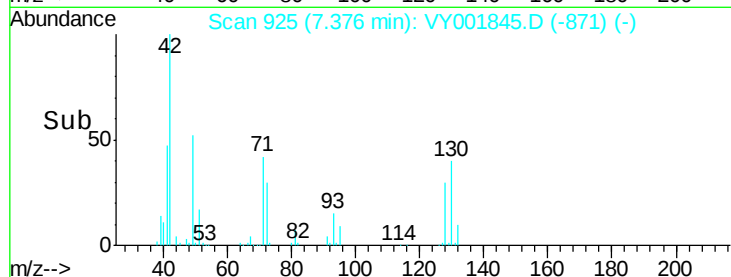
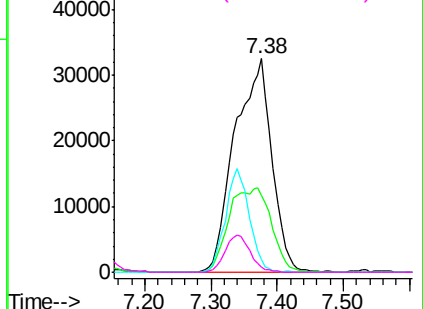
#41
Methacrylonitrile
Concen: 58.71 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 126481
Ion Ratio Lower Upper
41 100
39 45.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

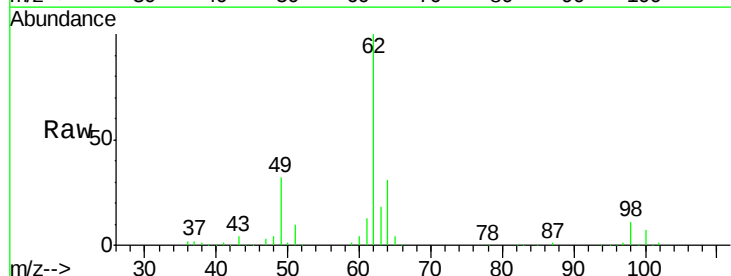


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

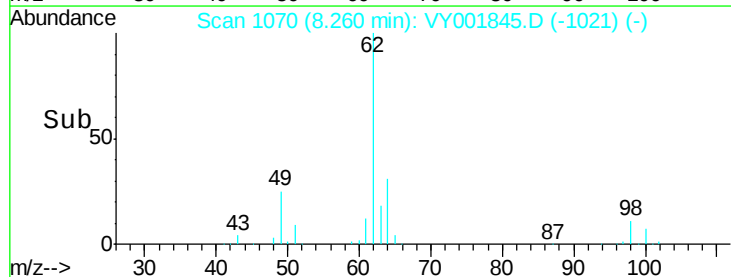
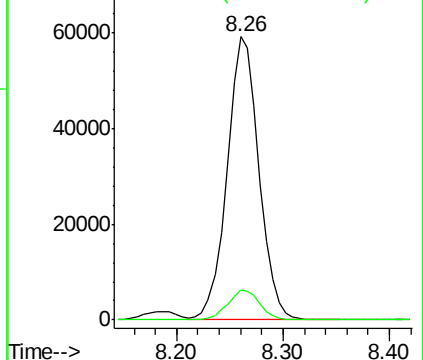


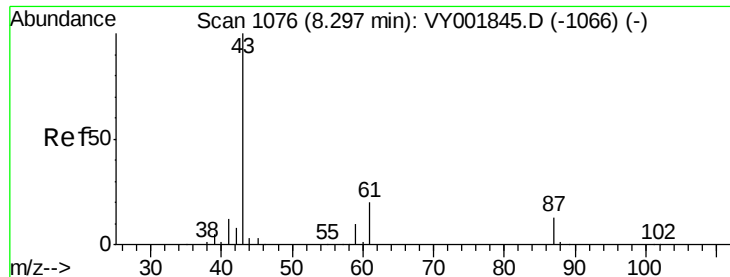
#42
1,2-Dichloroethane
Concen: 52.86 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 62 Resp: 124001
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



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

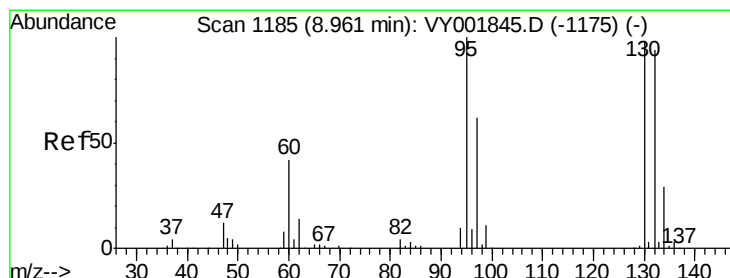
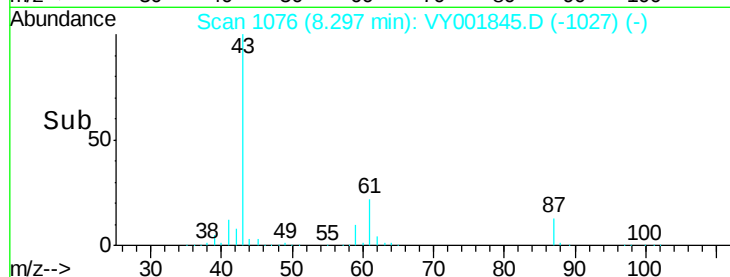
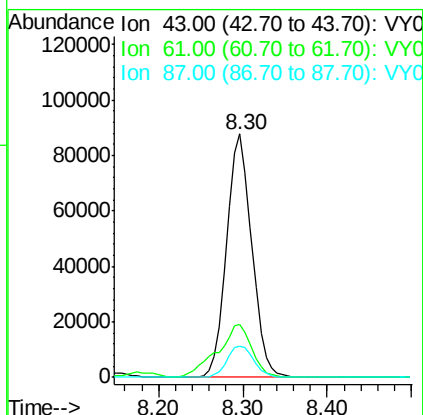
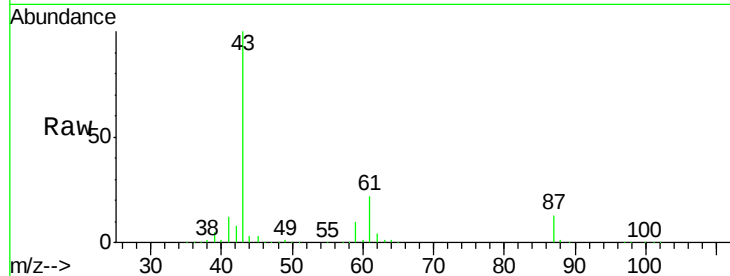




#43
Isopropyl Acetate
Concen: 52.84 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

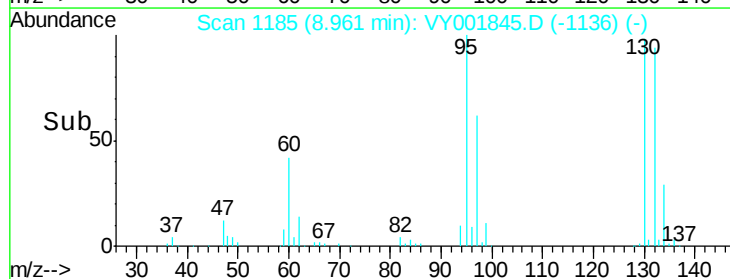
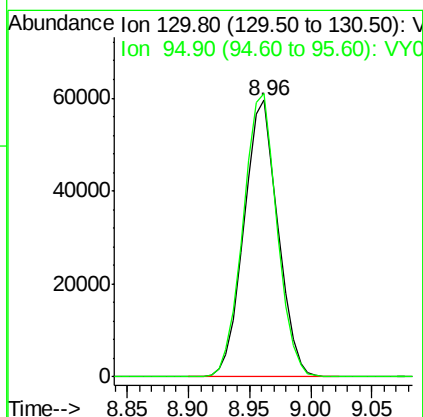
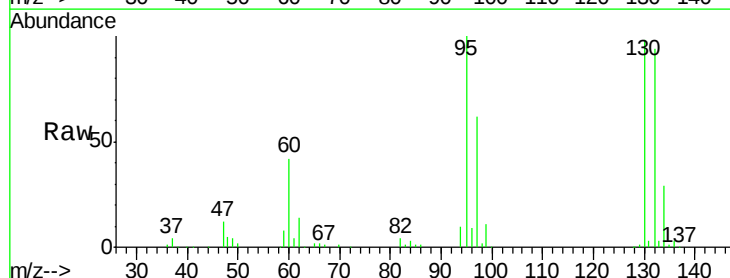
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

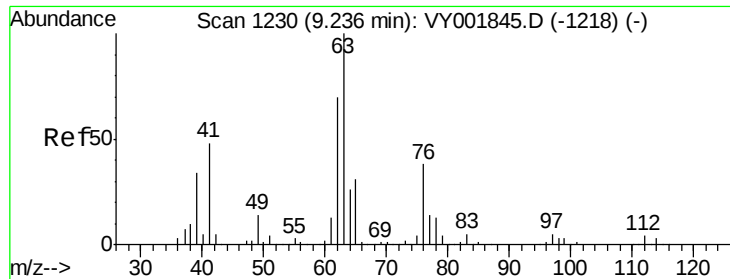
Tgt Ion: 43 Resp: 178945
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.6
87 13.6 10.9 16.3



#44
Trichloroethene
Concen: 51.84 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 130 Resp: 114991
Ion Ratio Lower Upper
130 100
95 102.3 0.0 204.6

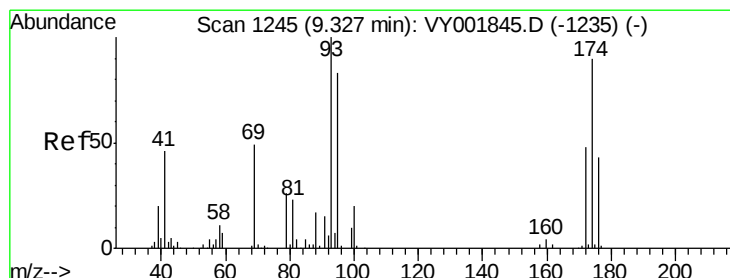
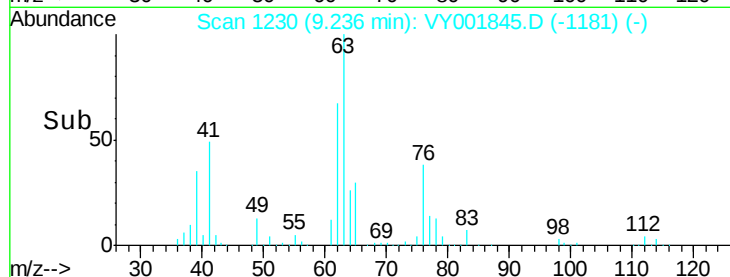
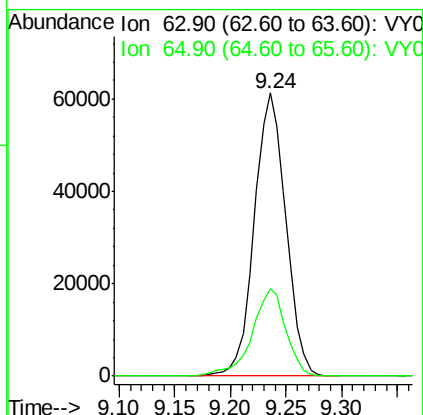
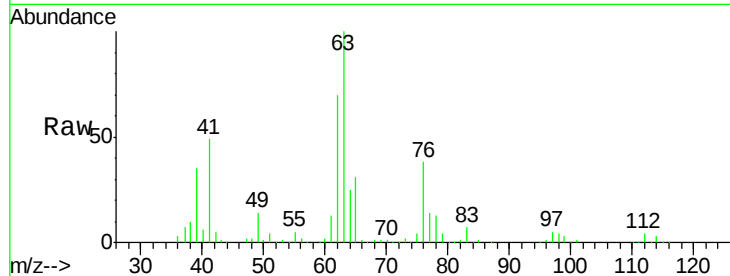




#45
 1,2-Dichloropropane
 Concen: 52.61 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

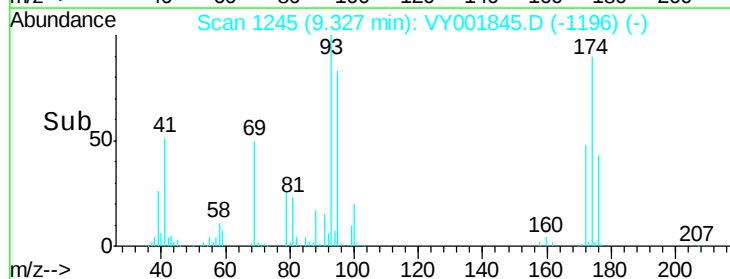
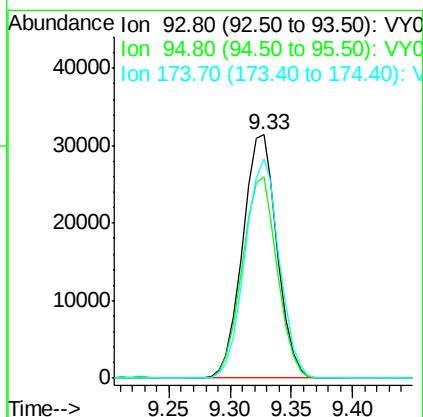
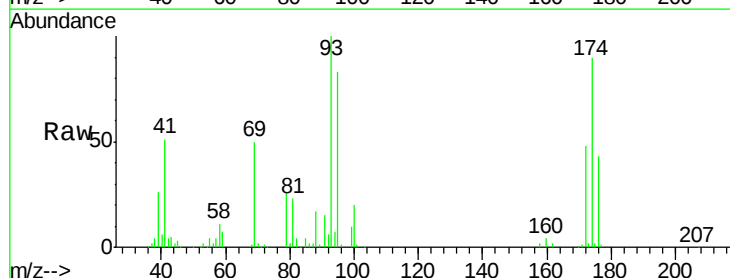
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

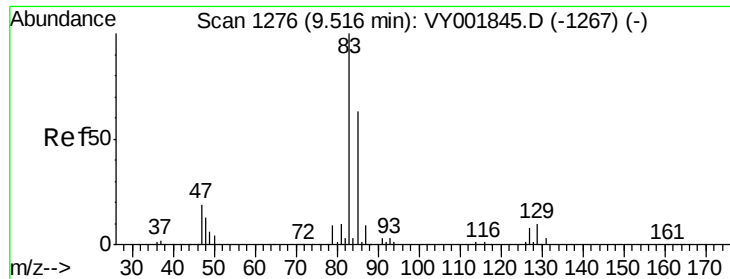
Tgt Ion: 63 Resp: 120663
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 51.72 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 93 Resp: 61454
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 89.8 71.8 107.8

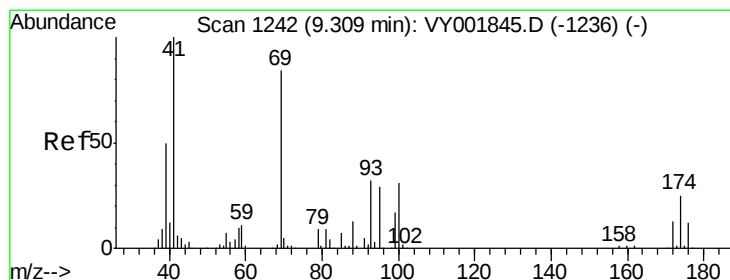
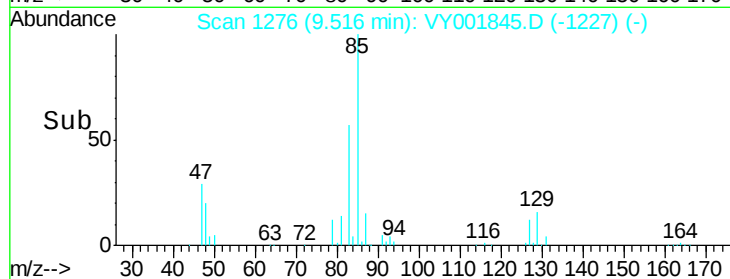
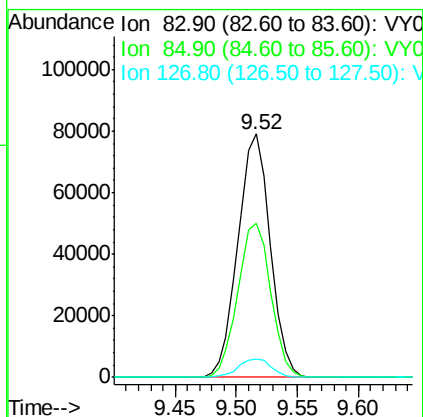
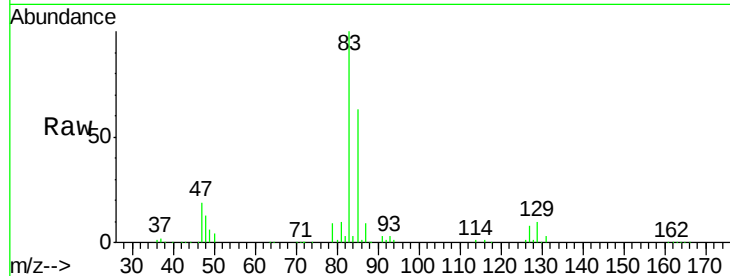




#47
 Bromodichloromethane
 Concen: 52.90 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

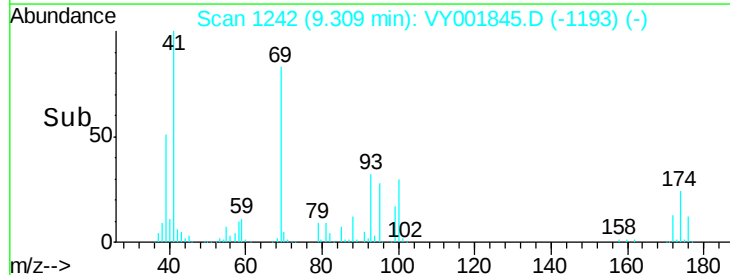
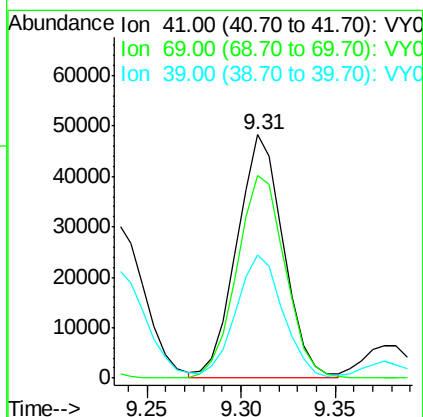
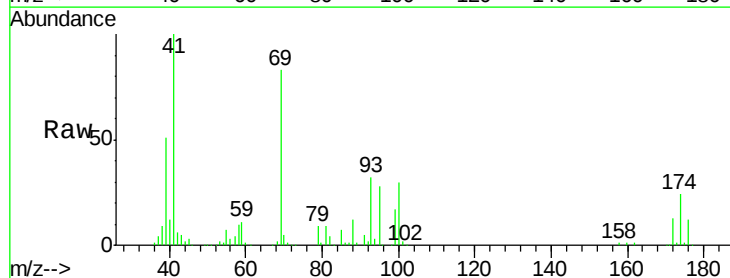
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

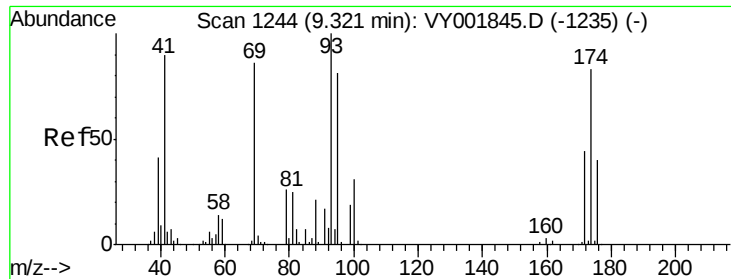
Tgt Ion: 83 Resp: 145310
 Ion Ratio Lower Upper
 83 100
 85 63.3 50.6 76.0
 127 7.8 6.2 9.4



#48
 Methyl methacrylate
 Concen: 53.93 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 41 Resp: 82760
 Ion Ratio Lower Upper
 41 100
 69 86.3 69.0 103.6
 39 48.9 39.1 58.7

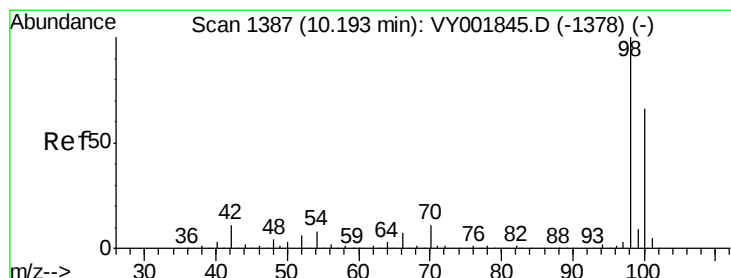
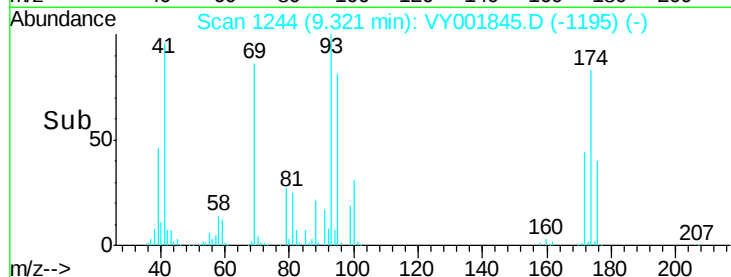
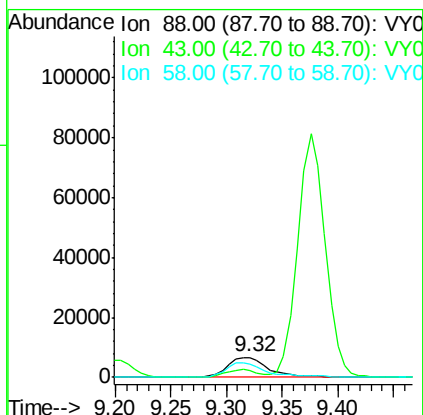
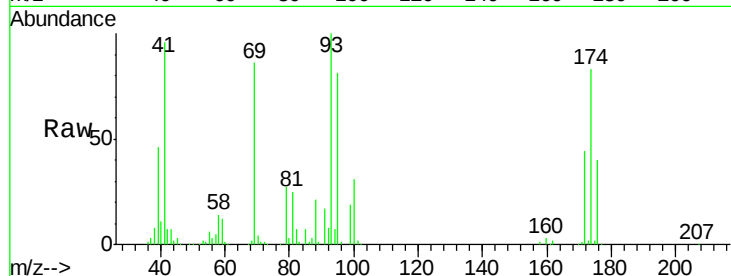




#49
1,4-Dioxane
Concen: 1099.53 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

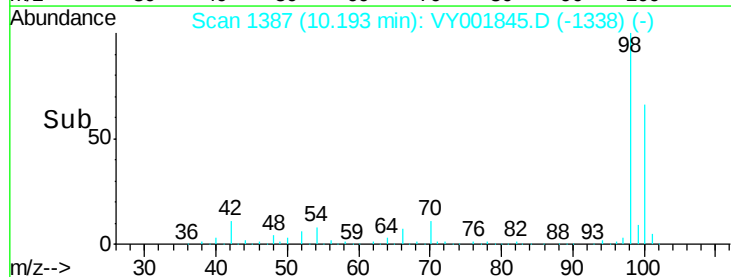
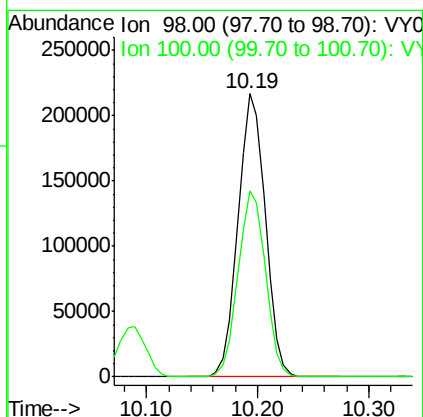
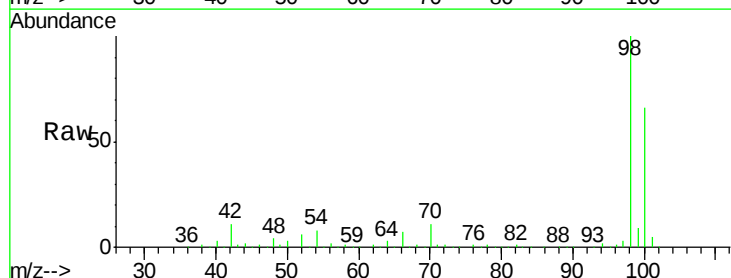
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

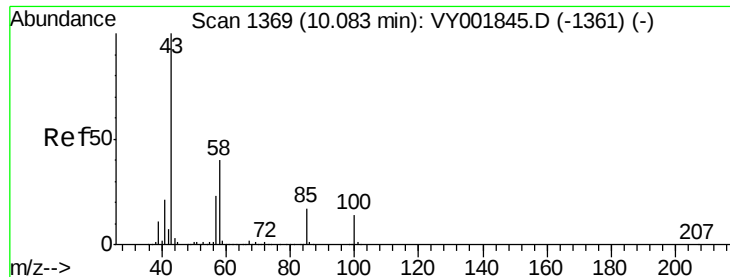
Tgt Ion: 88 Resp: 17228
Ion Ratio Lower Upper
88 100
43 31.3 25.0 37.6
58 73.6 58.9 88.3



#50
Toluene-d8
Concen: 49.15 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 98 Resp: 368057
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 264.41 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

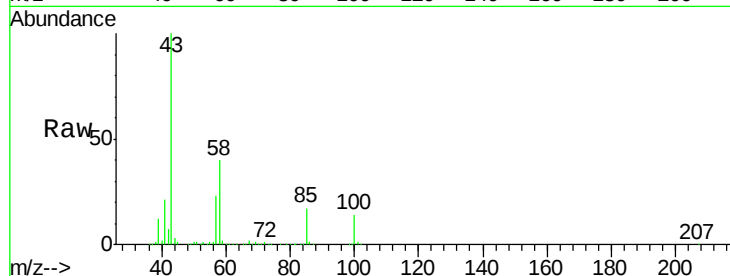
VSTDICCC050

Tgt Ion: 43 Resp: 461430

Ion Ratio Lower Upper

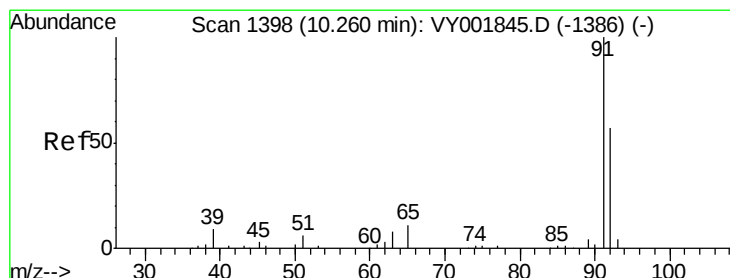
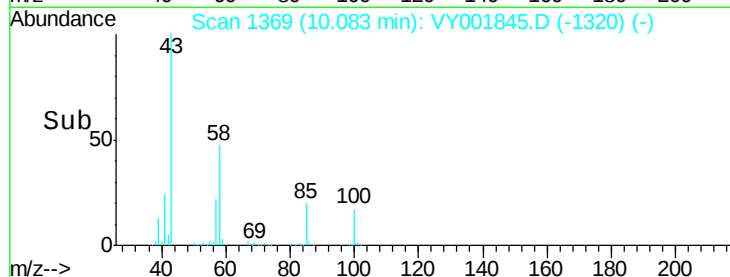
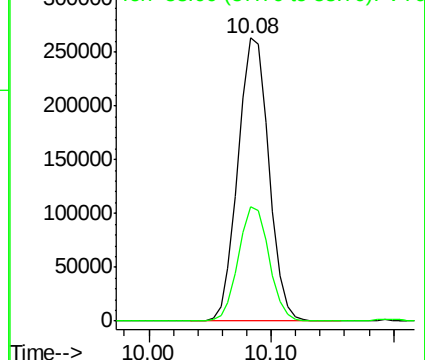
43 100

58 40.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.47 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001845.D

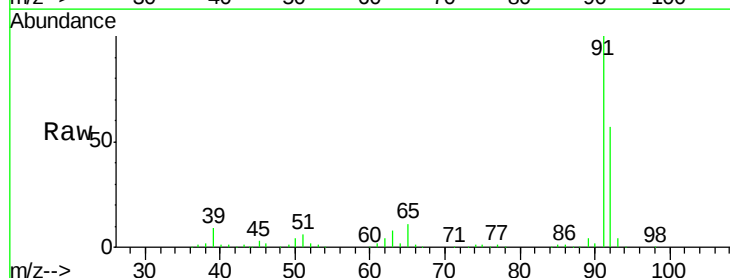
Acq: 04 Mar 2020 11:33

Tgt Ion: 92 Resp: 289130

Ion Ratio Lower Upper

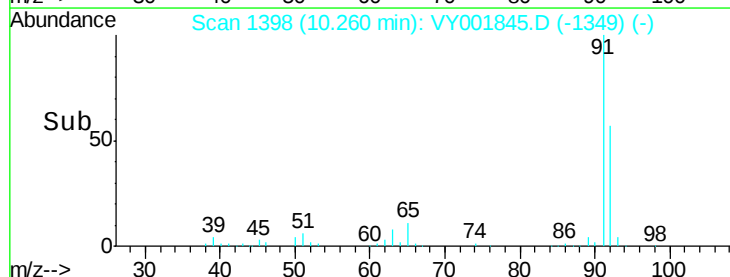
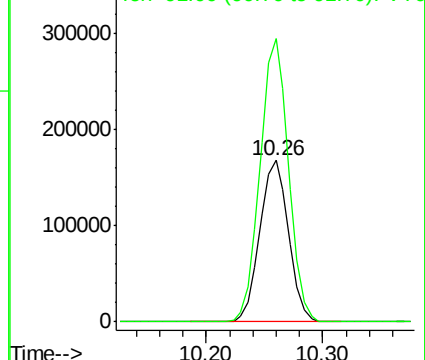
92 100

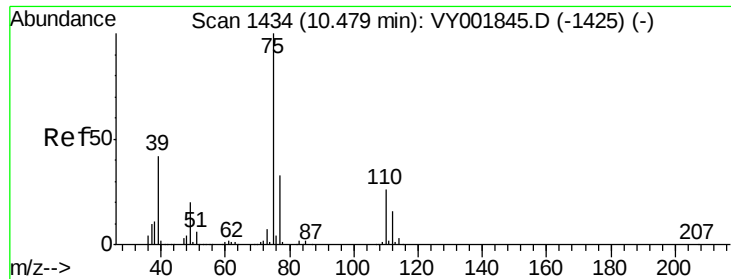
91 173.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 53.91 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampled :

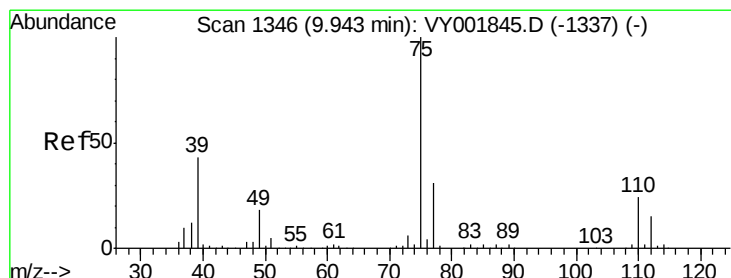
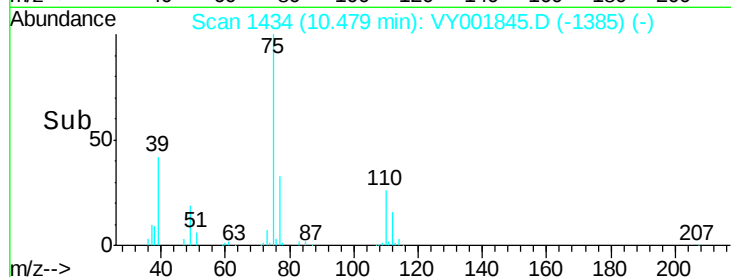
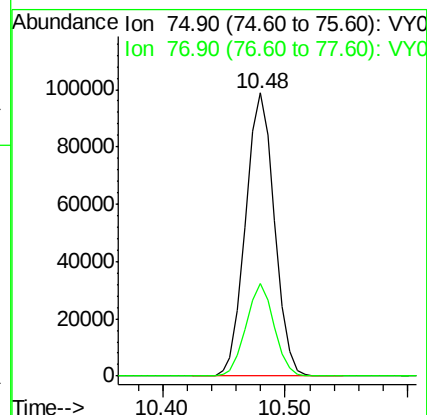
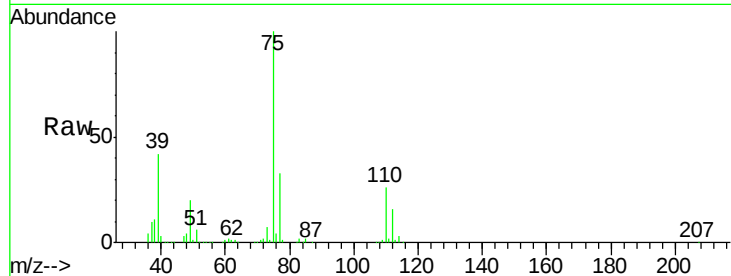
VSTDICCC050

Tgt Ion: 75 Resp: 161706

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 53.18 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

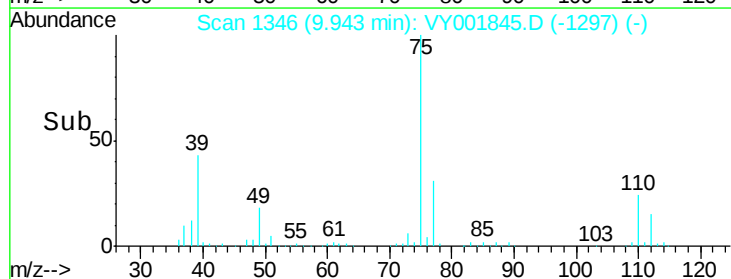
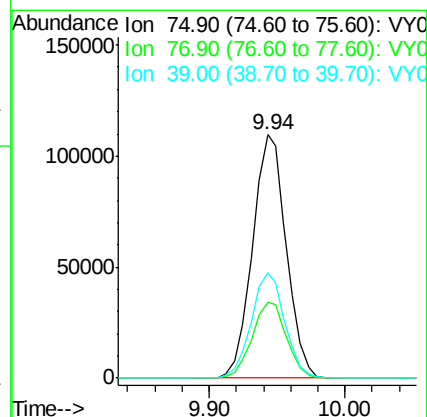
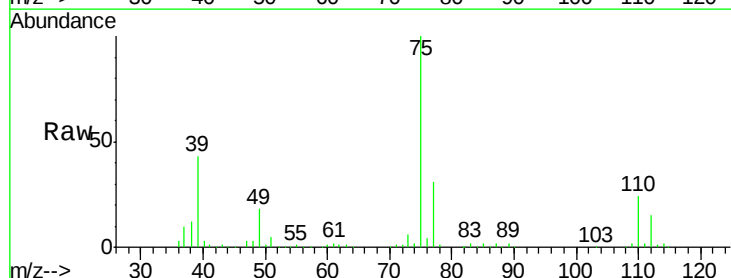
Tgt Ion: 75 Resp: 190151

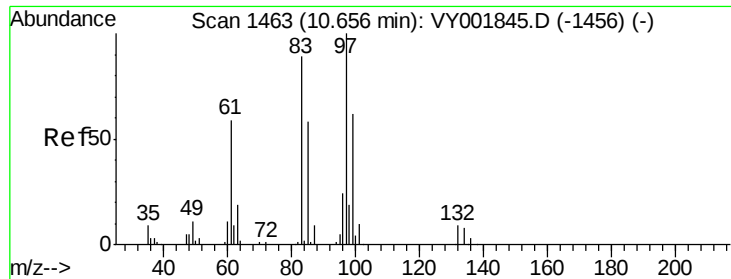
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 43.4 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 52.41 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 90878

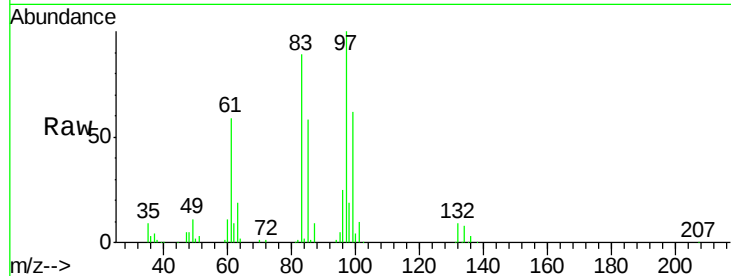
Ion Ratio Lower Upper

97 100

83 89.5 71.6 107.4

85 58.2 46.6 69.8

99 62.2 49.8 74.6

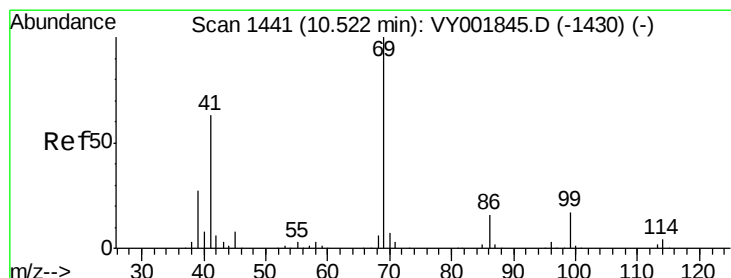
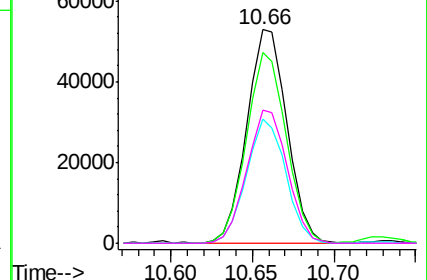
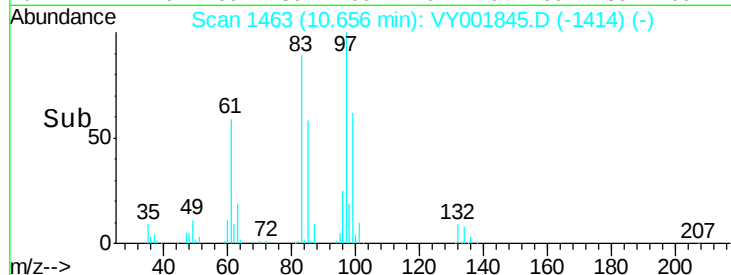


Abundance Ion 96.90 (96.60 to 97.60): VY001845.D (-1456) (-)

Ion 82.90 (82.60 to 83.60): VY001845.D (-1456) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1456) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-1456) (-)



#56

Ethyl methacrylate

Concen: 54.40 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

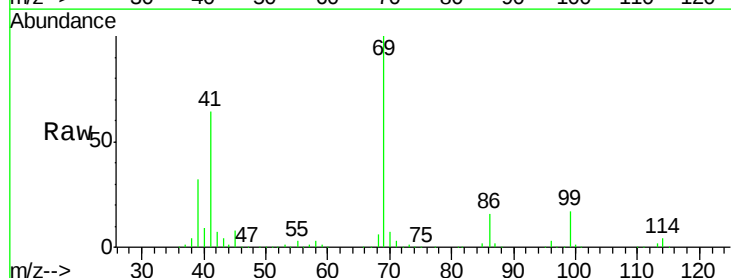
Tgt Ion: 69 Resp: 137447

Ion Ratio Lower Upper

69 100

41 62.4 49.9 74.9

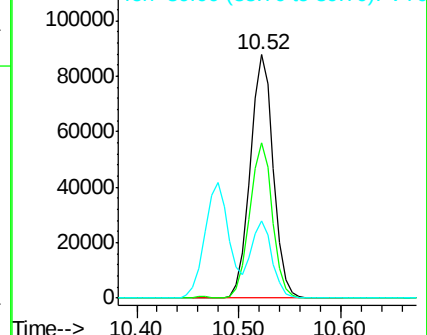
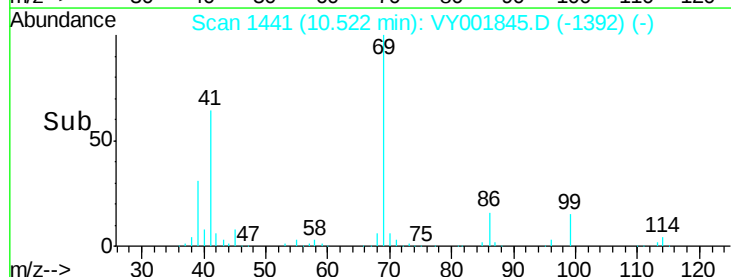
39 28.8 23.0 34.6



Abundance Ion 69.00 (68.70 to 69.70): VY001845.D (-1430) (-)

Ion 41.00 (40.70 to 41.70): VY001845.D (-1430) (-)

Ion 39.00 (38.70 to 39.70): VY001845.D (-1430) (-)

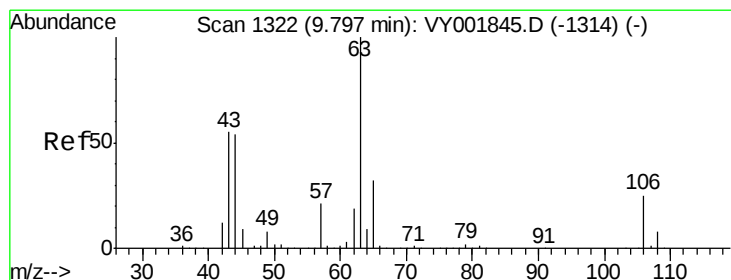
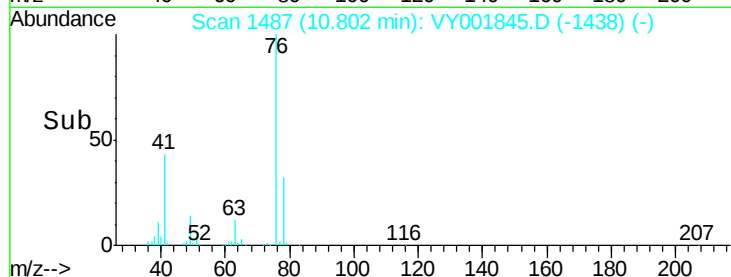
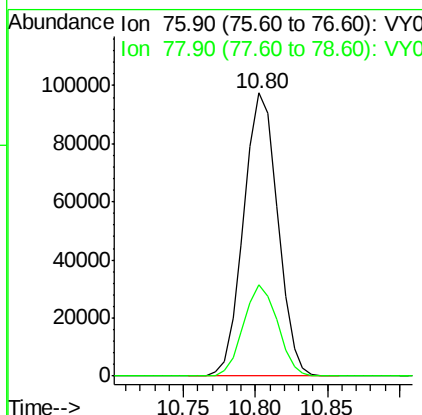
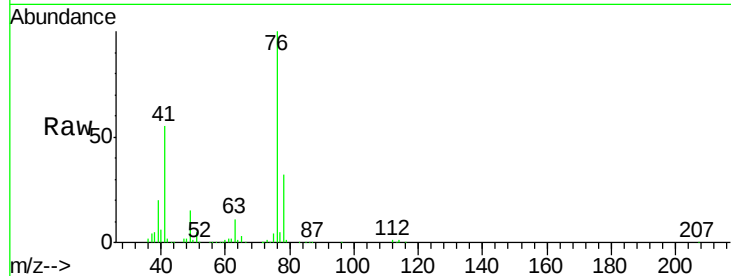




#57
 1,3-Dichloropropane
 Concen: 52.18 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

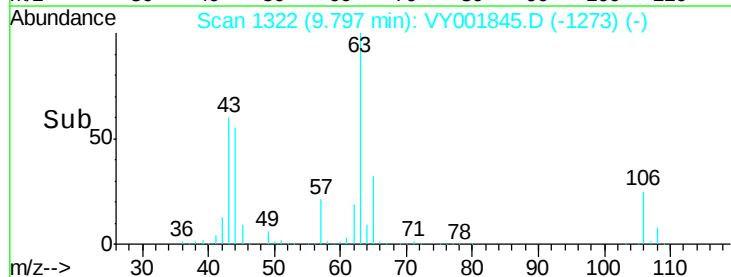
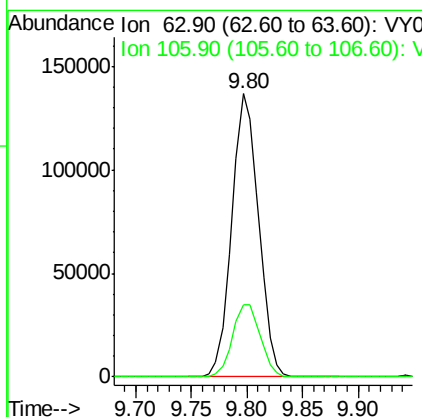
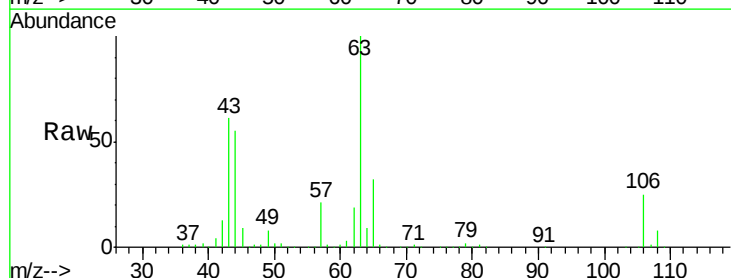
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

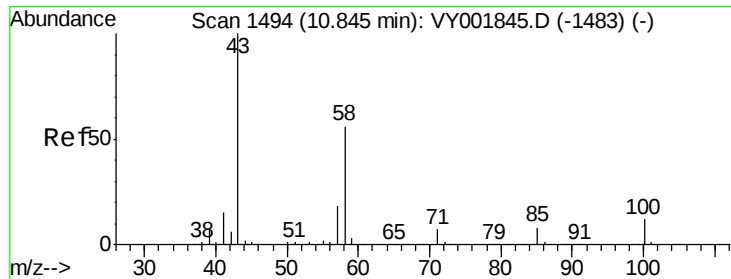
Tgt Ion: 76 Resp: 160215
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 221.70 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 63 Resp: 227231
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

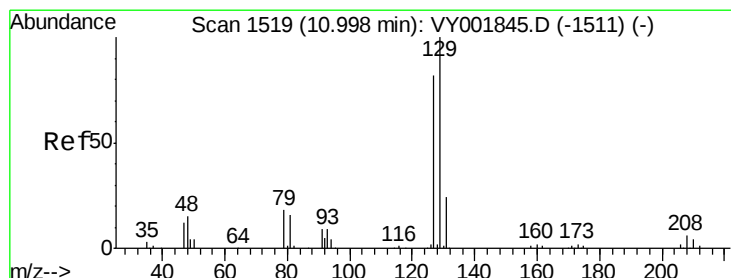
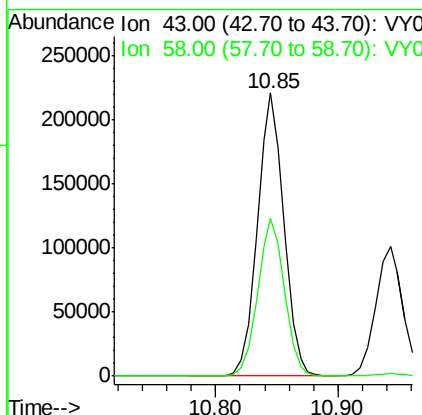
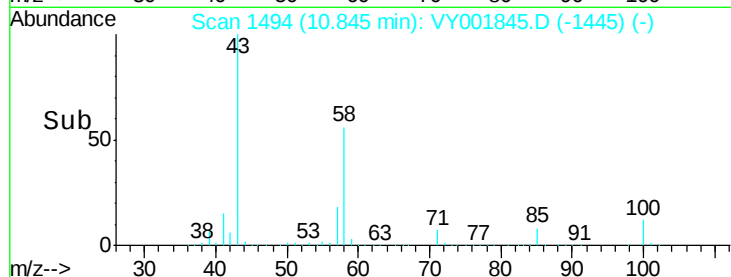
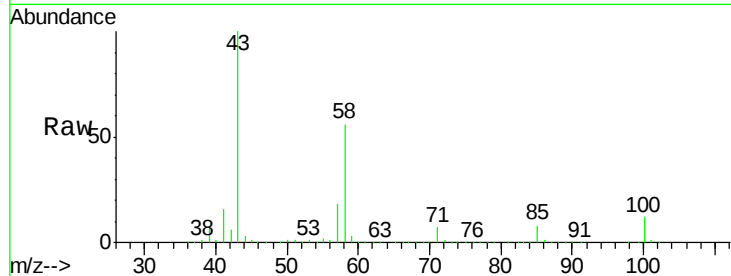




#59
2-Hexanone
Concen: 268.11 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

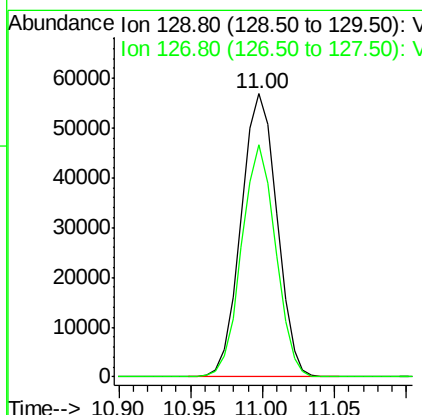
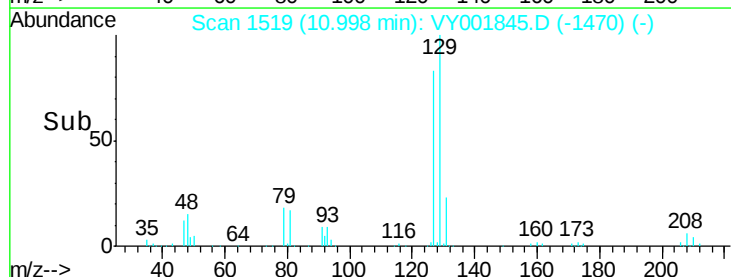
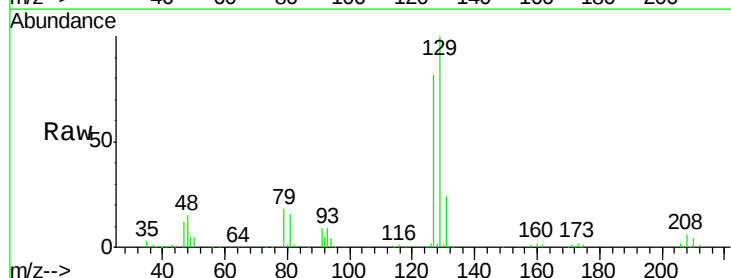
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 332672
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 53.74 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 129 Resp: 97930
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

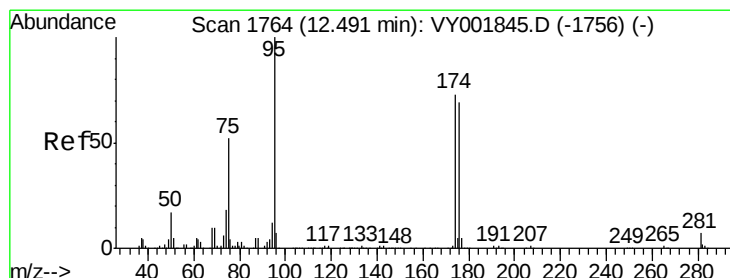
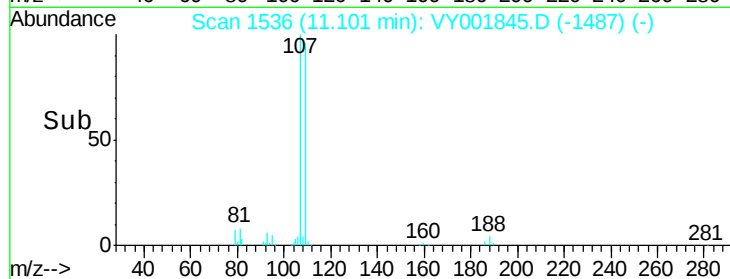
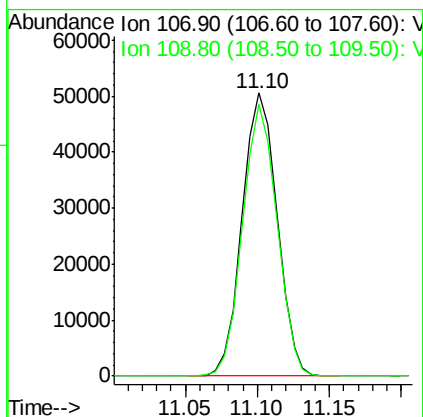
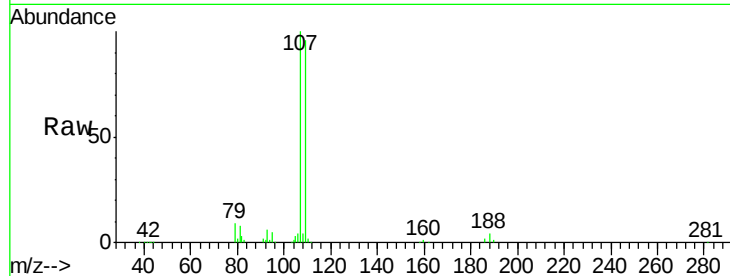




#61
 1,2-Dibromoethane
 Concen: 52.52 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

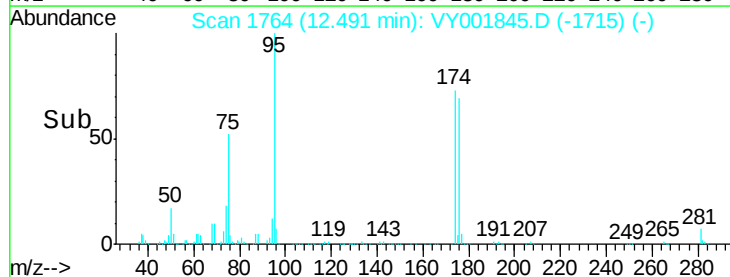
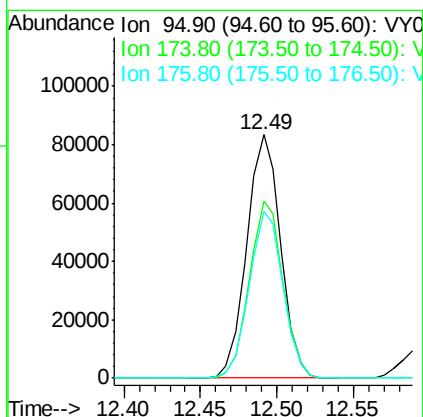
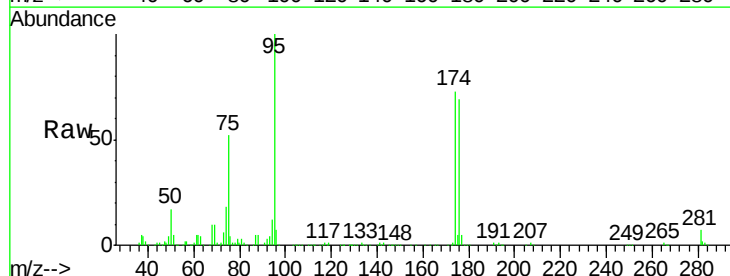
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

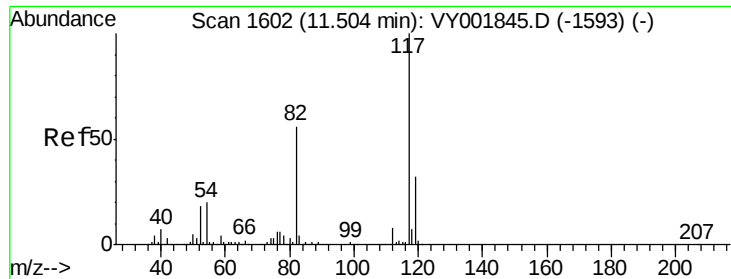
Tgt Ion: 107 Resp: 85111
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.13 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 95 Resp: 127654
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 145.0
 176 68.7 0.0 137.4

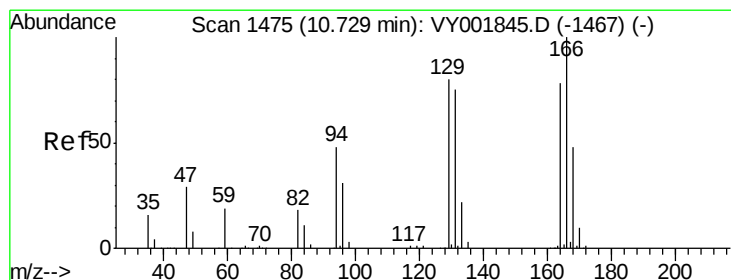
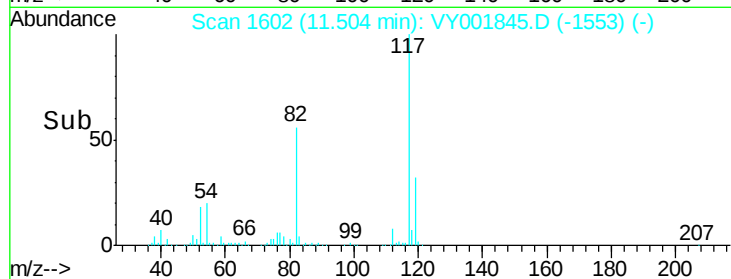
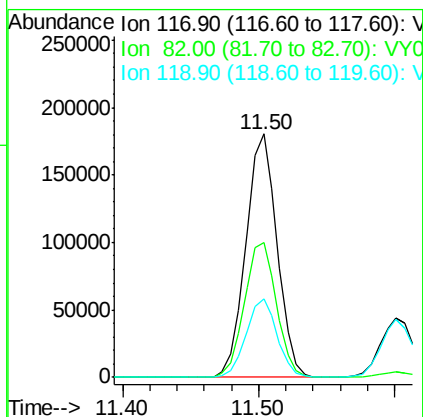
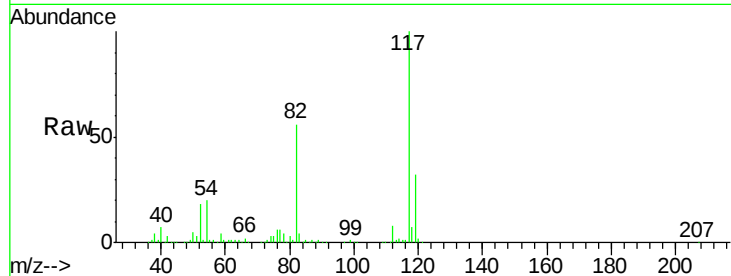




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

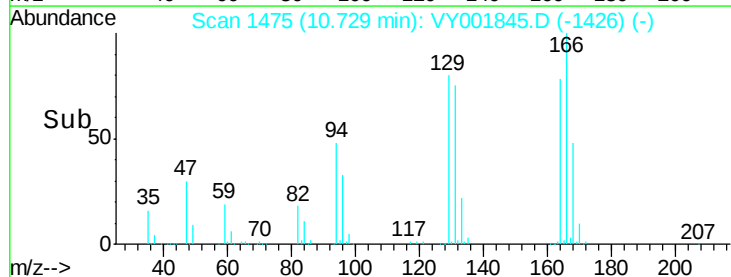
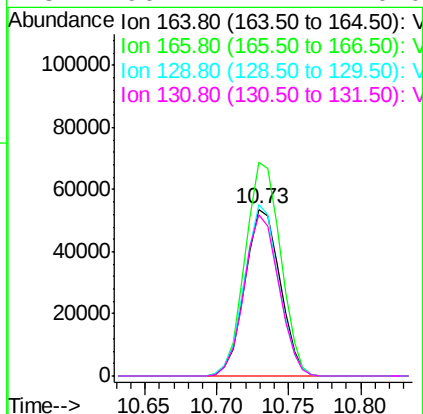
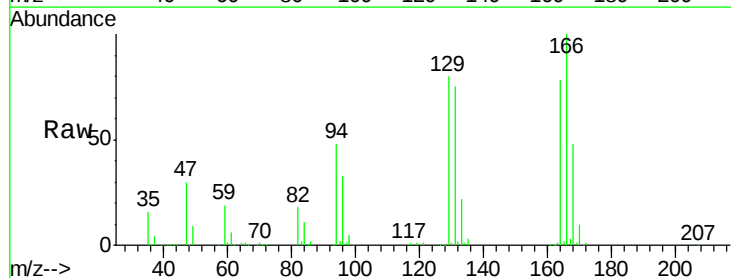
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

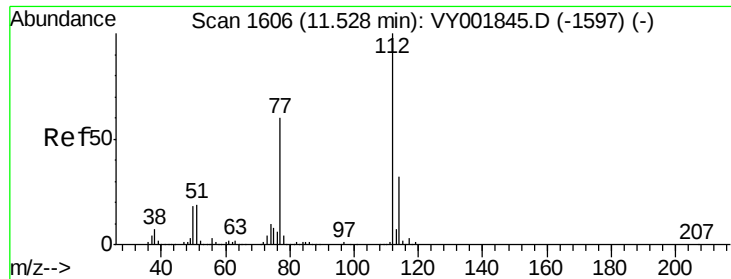
Tgt Ion:117 Resp: 289609
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 50.74 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion:164 Resp: 90642
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 102.9 82.3 123.5
131 96.7 77.4 116.0

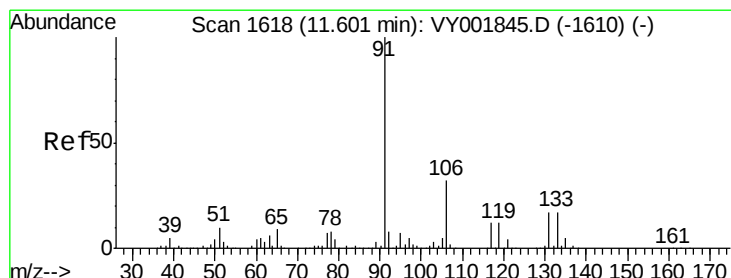
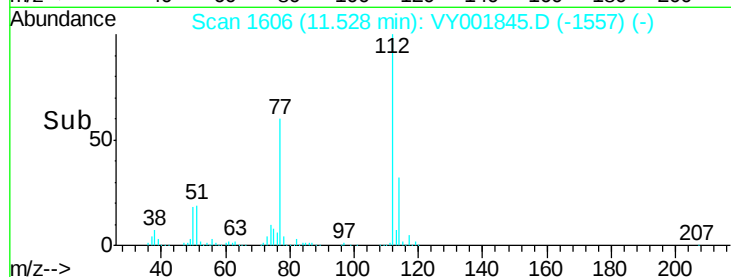
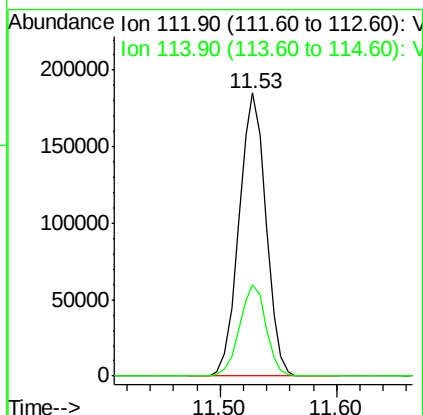
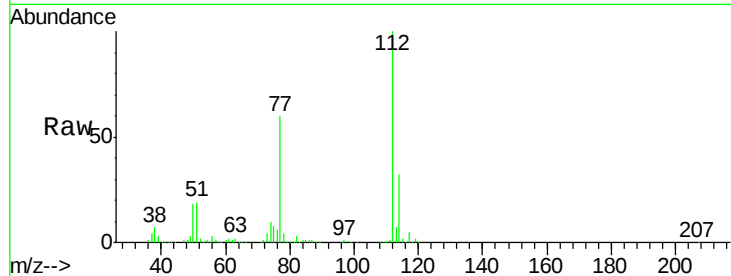




#65
Chlorobenzene
Concen: 52.72 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

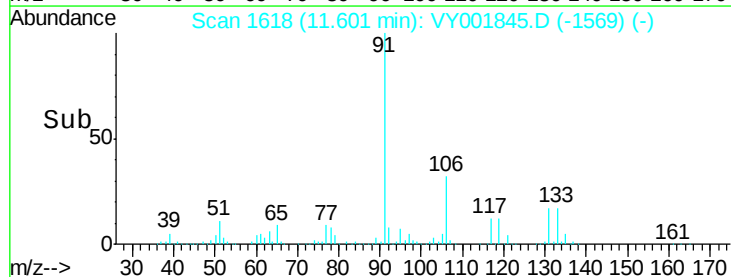
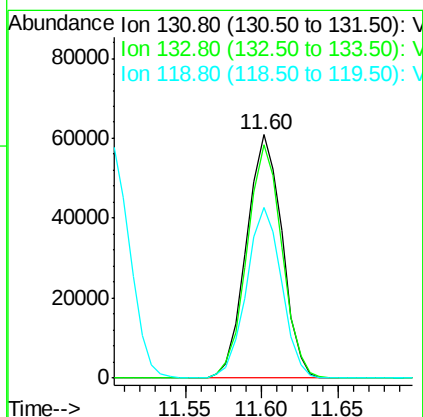
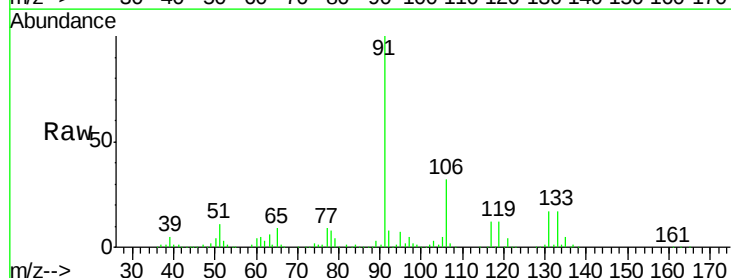
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

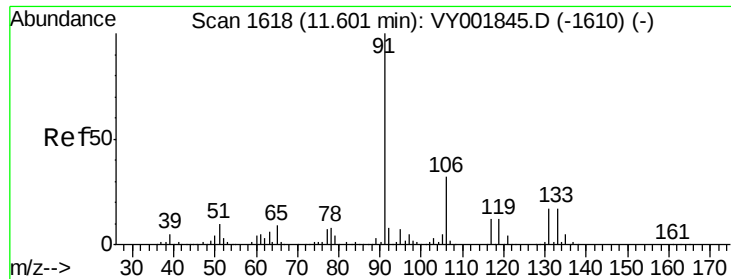
Tgt Ion:112 Resp: 298064
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.64 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion:131 Resp: 98906
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 69.1 34.5 103.6

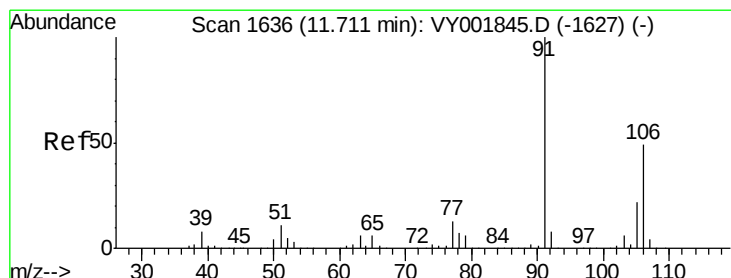
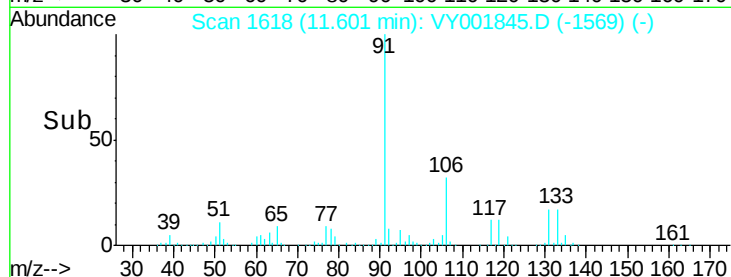
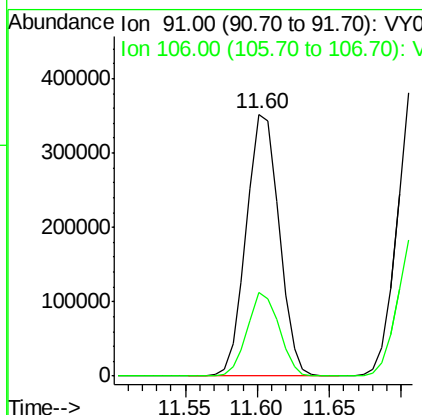
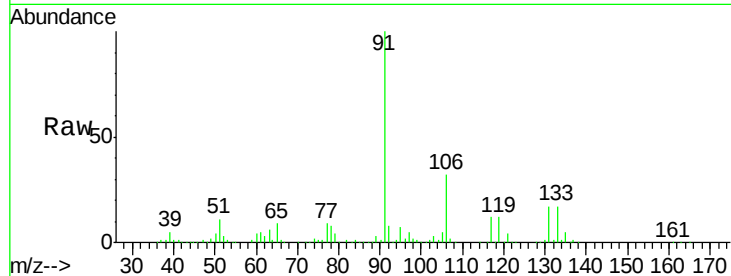




#67
Ethyl Benzene
Concen: 52.65 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

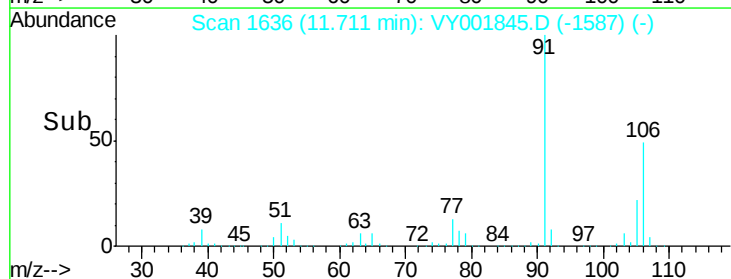
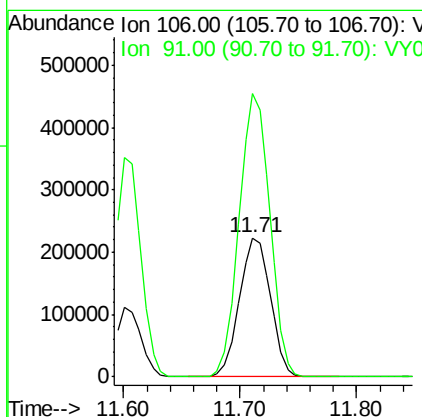
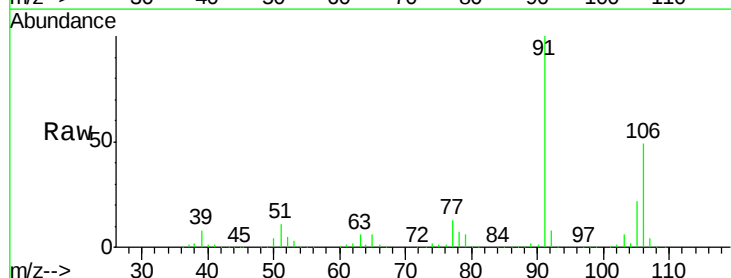
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

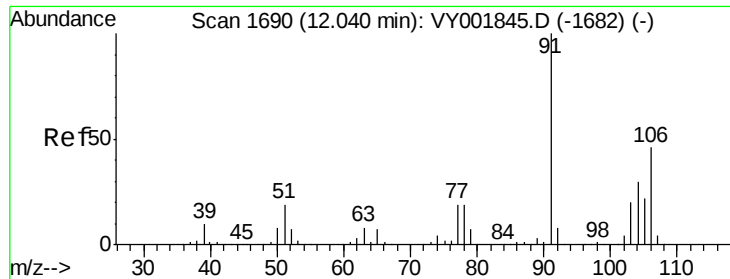
Tgt Ion: 91 Resp: 556205
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 106.08 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 106 Resp: 414755
Ion Ratio Lower Upper
106 100
91 201.6 161.3 241.9

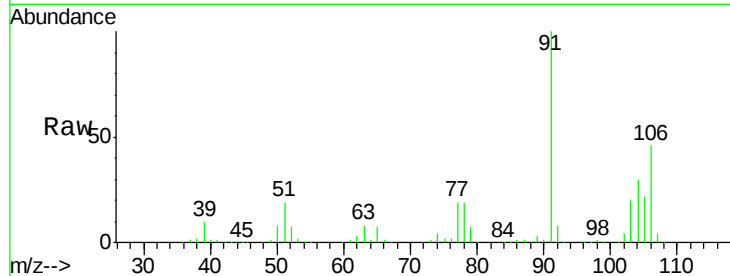




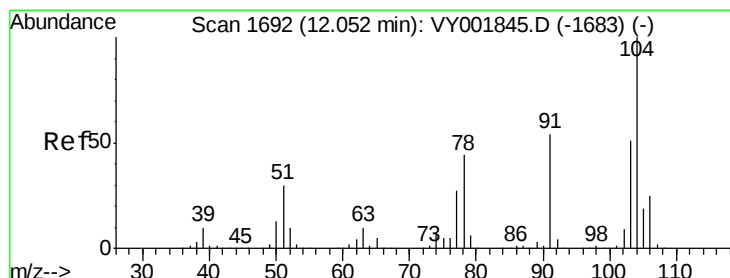
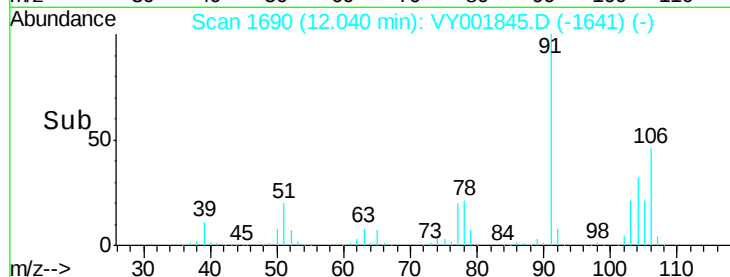
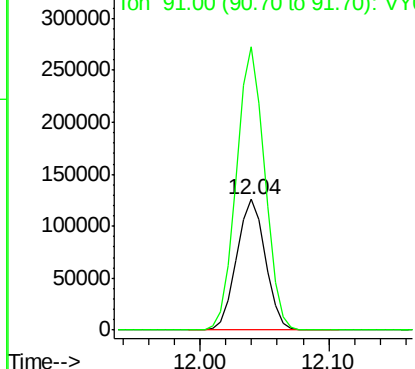
#69
o-Xylene
Concen: 52.91 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 194595
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4

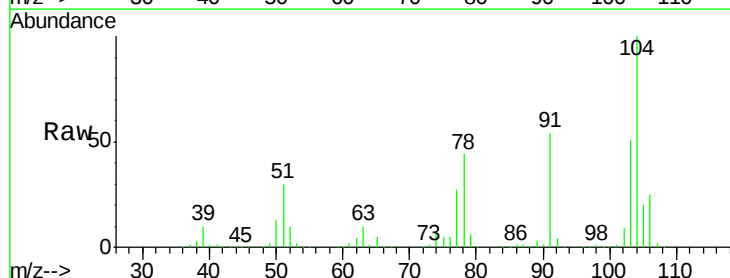


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

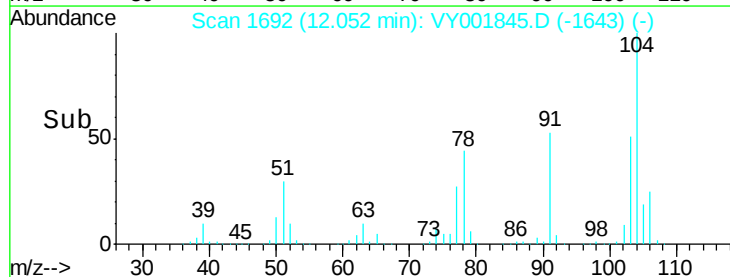
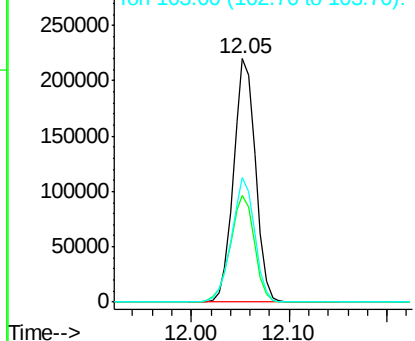


#70
Styrene
Concen: 53.68 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion:104 Resp: 341462
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 53.6 42.9 64.3



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: 55.55 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

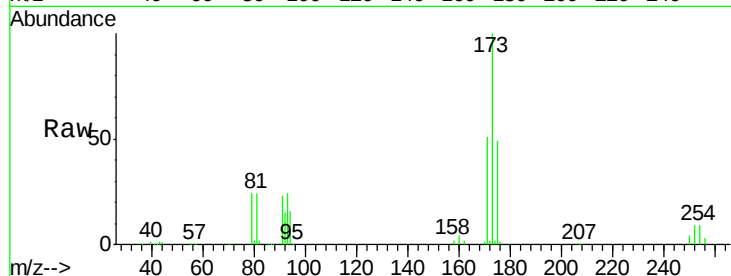
Tgt Ion:173 Resp: 56023

Ion Ratio Lower Upper

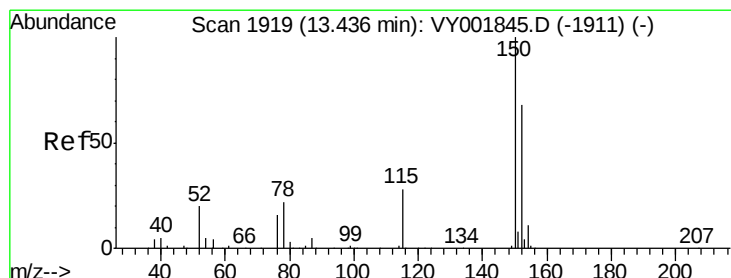
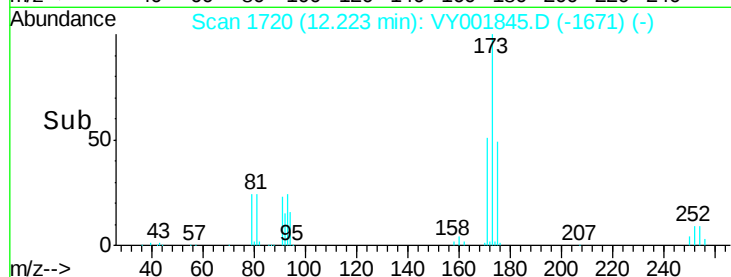
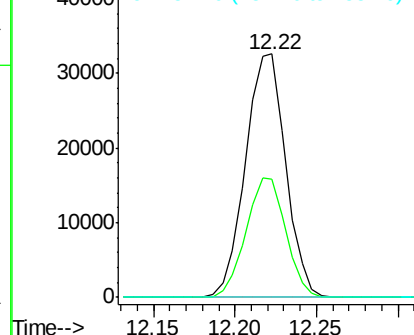
173 100

175 48.5 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

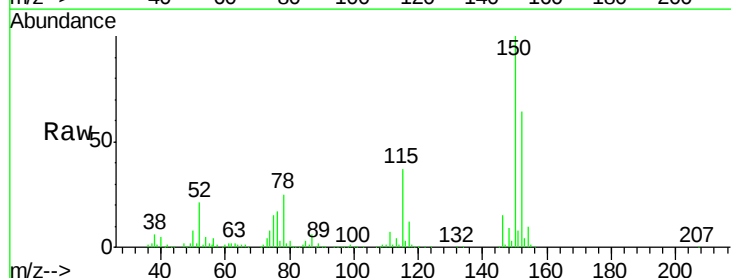
Tgt Ion:152 Resp: 137104

Ion Ratio Lower Upper

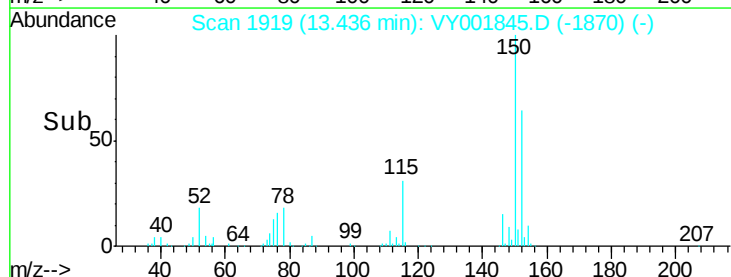
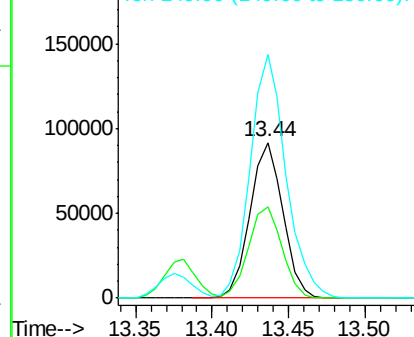
152 100

115 59.8 29.9 89.7

150 170.3 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.43 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

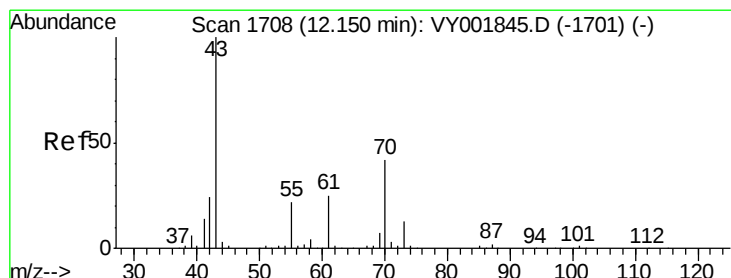
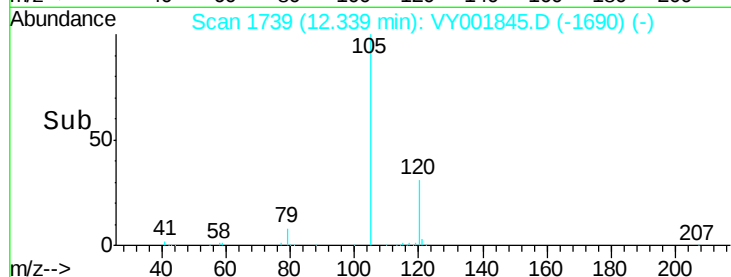
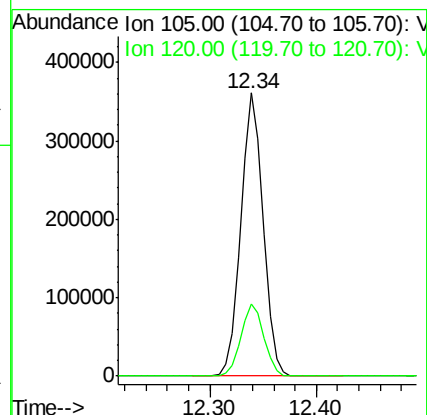
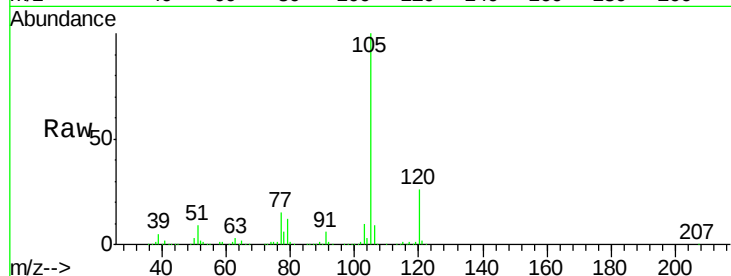
VSTDICCC050

Tgt Ion: 105 Resp: 529498

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 52.27 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Tgt Ion: 43 Resp: 165013

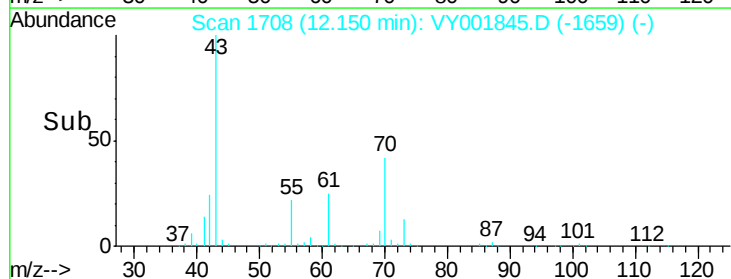
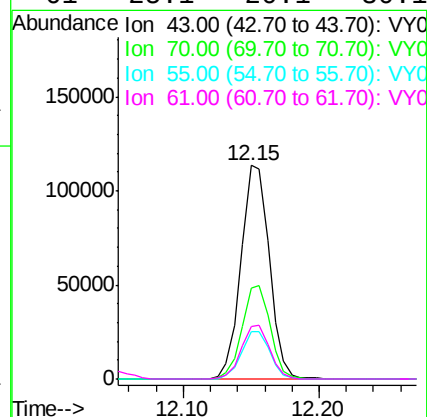
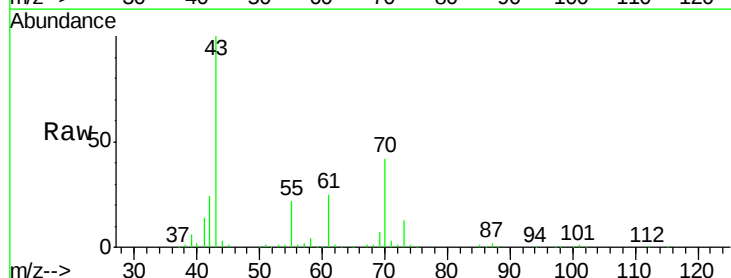
Ion Ratio Lower Upper

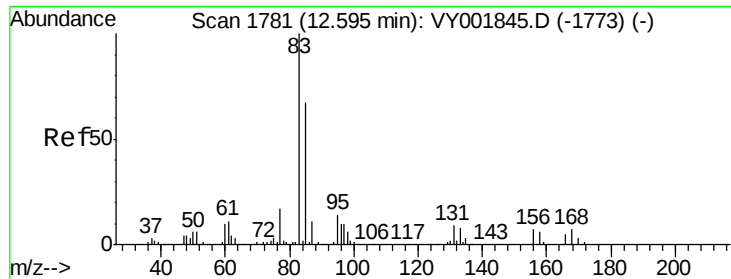
43 100

70 43.4 34.7 52.1

55 22.8 18.2 27.4

61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.60 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

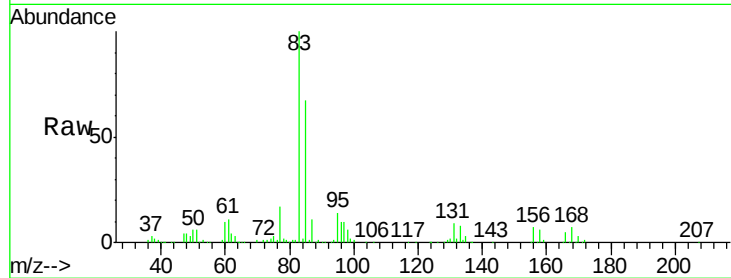
Tgt Ion: 83 Resp: 114525

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

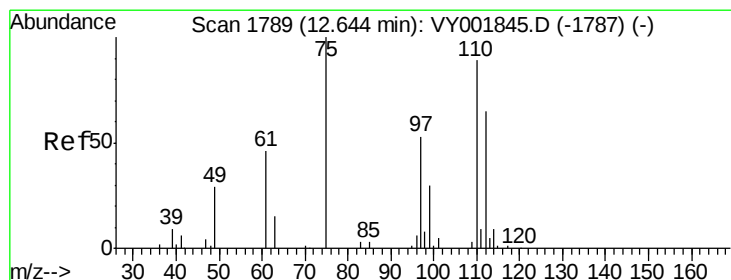
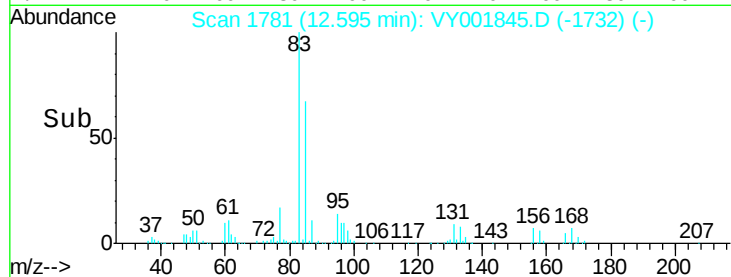
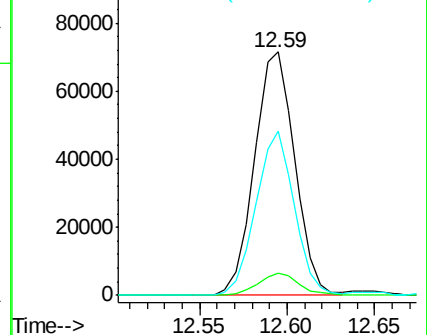
85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 56.47 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001845.D

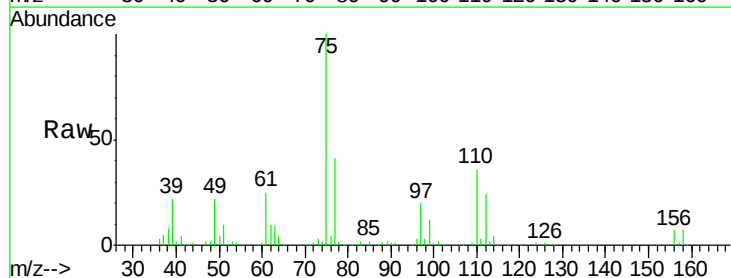
Acq: 04 Mar 2020 11:33

Tgt Ion: 75 Resp: 147087

Ion Ratio Lower Upper

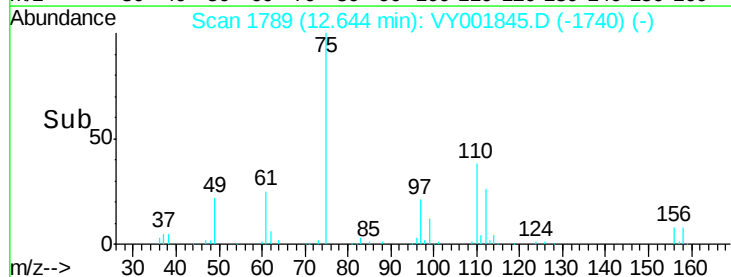
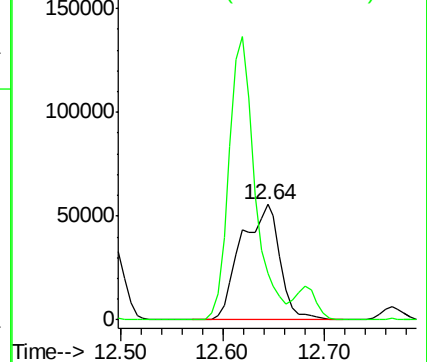
75 100

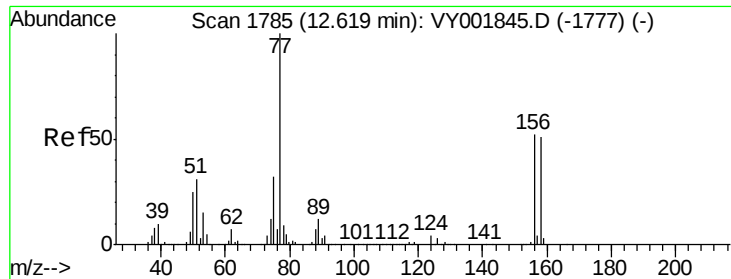
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.67 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

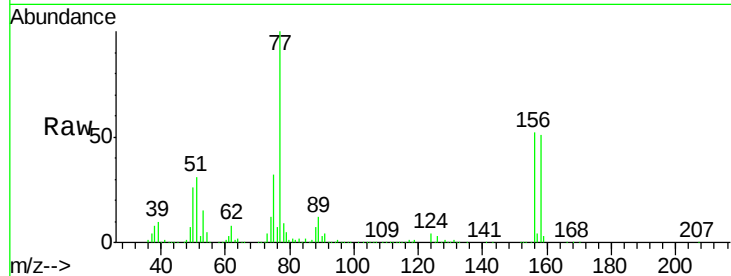
Tgt Ion:156 Resp: 110773

Ion Ratio Lower Upper

156 100

77 218.0 109.0 327.0

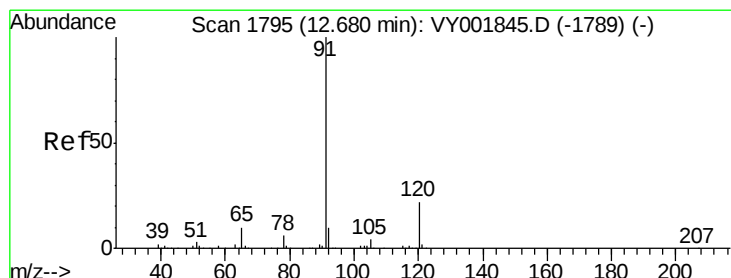
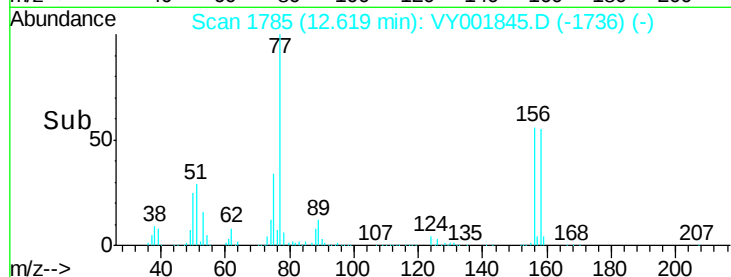
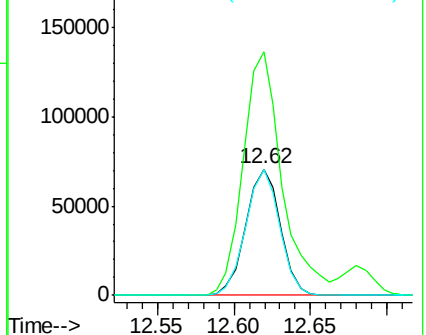
158 97.9 48.9 146.8



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: 51.30 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001845.D

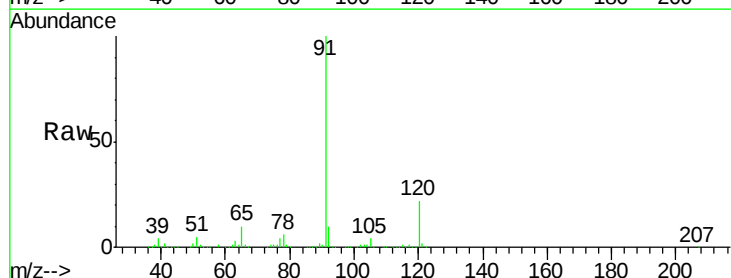
Acq: 04 Mar 2020 11:33

Tgt Ion: 91 Resp: 651460

Ion Ratio Lower Upper

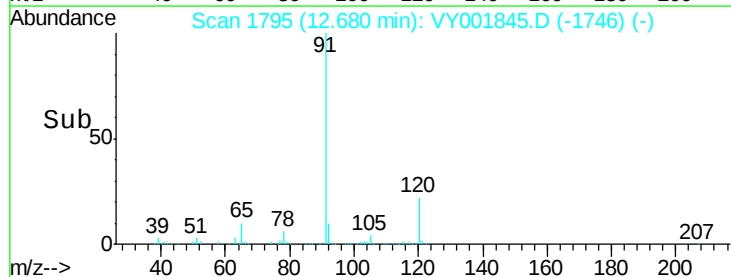
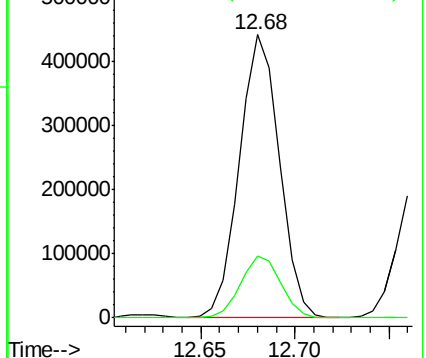
91 100

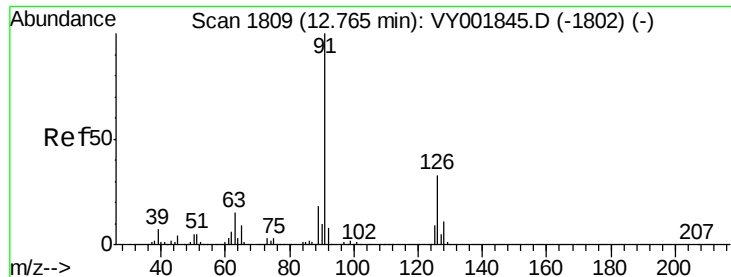
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.26 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

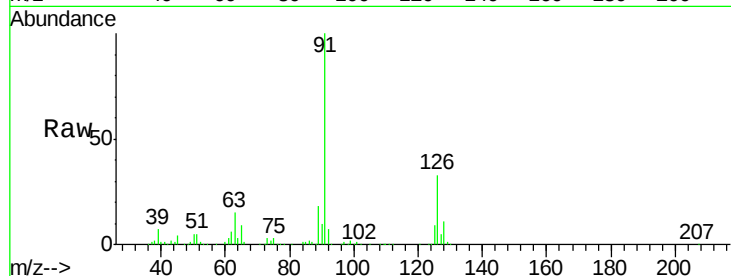
VSTDICCC050

Tgt Ion: 91 Resp: 360073

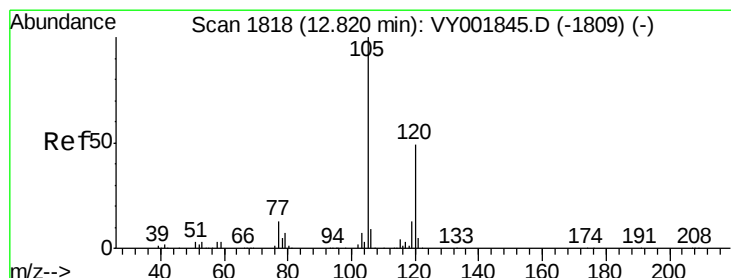
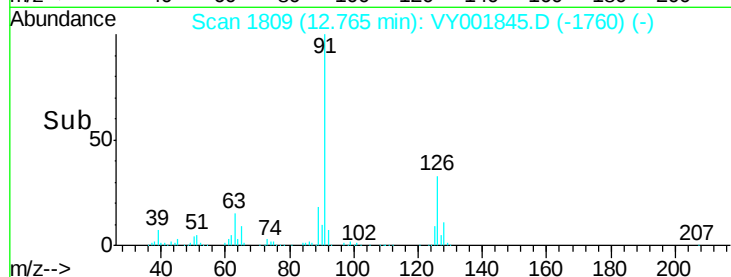
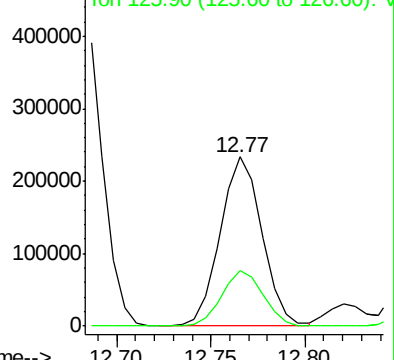
Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.46 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001845.D

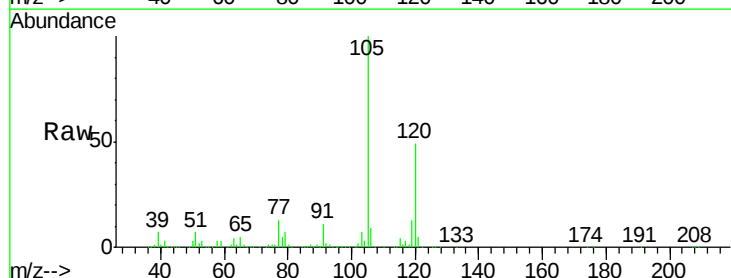
Acq: 04 Mar 2020 11:33

Tgt Ion: 105 Resp: 433858

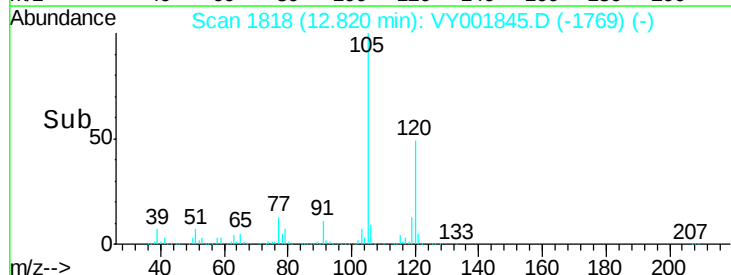
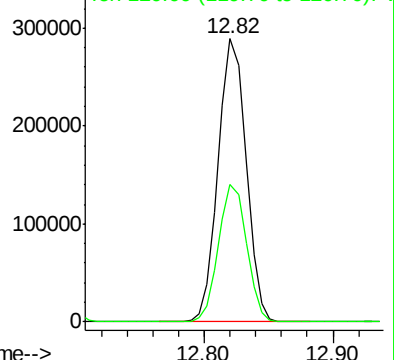
Ion Ratio Lower Upper

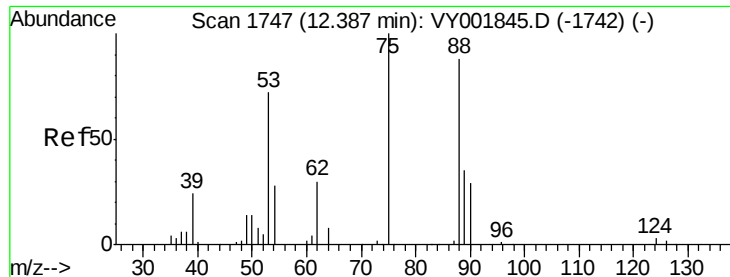
105 100

120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.60 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

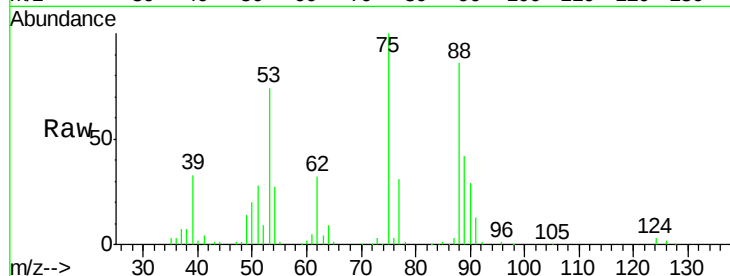
Tgt Ion: 75 Resp: 41912

Ion Ratio Lower Upper

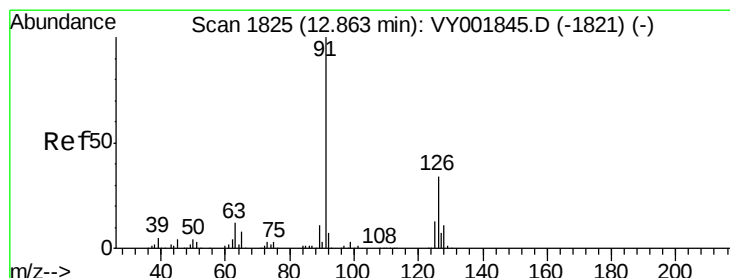
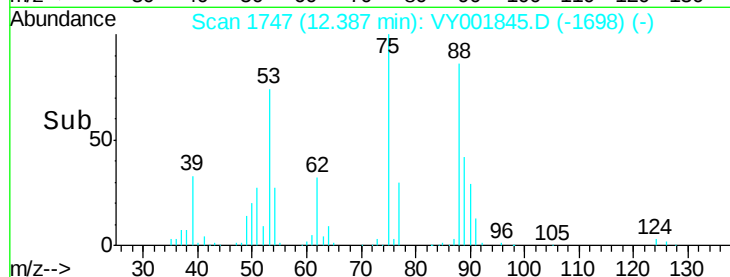
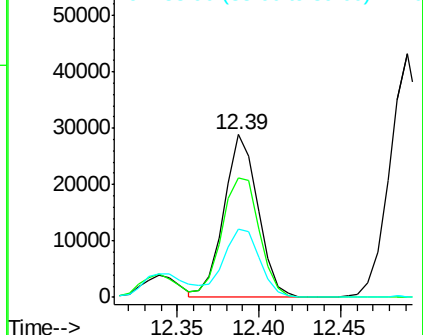
75 100

53 81.7 65.4 98.0

89 45.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.47 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001845.D

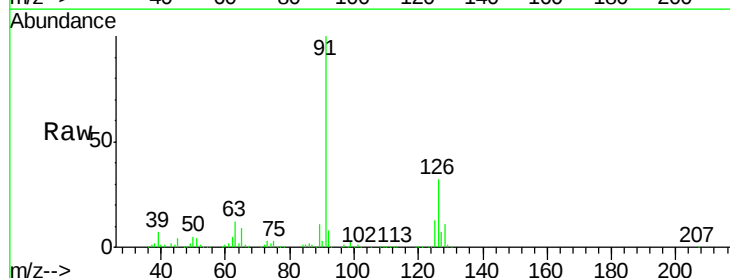
Acq: 04 Mar 2020 11:33

Tgt Ion: 91 Resp: 374416

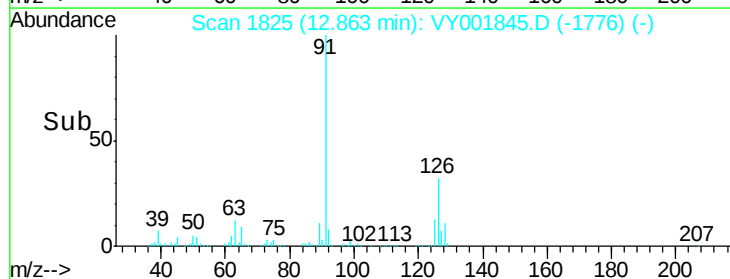
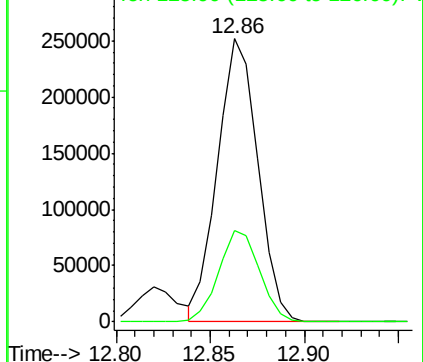
Ion Ratio Lower Upper

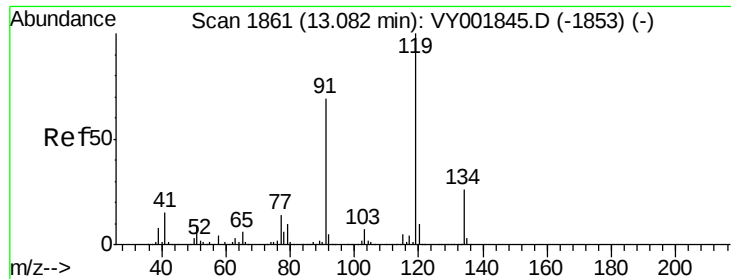
91 100

126 32.8 16.4 49.2



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

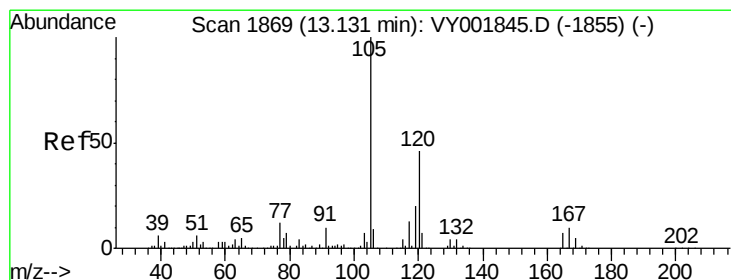
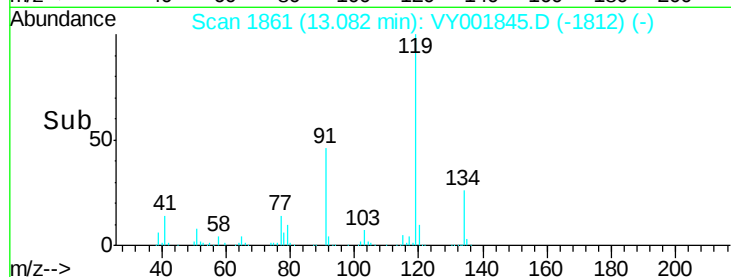
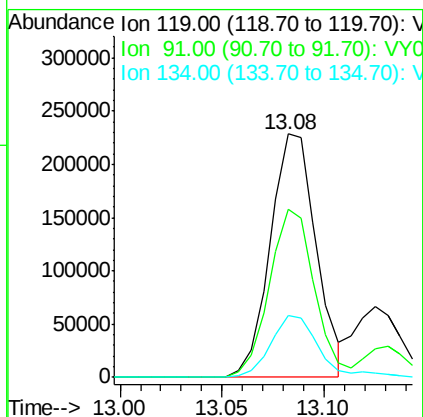
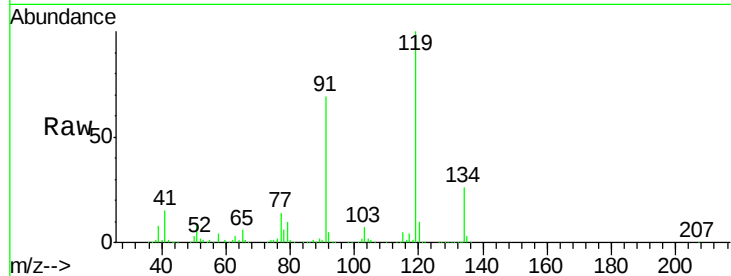




#83
 tert-Butylbenzene
 Concen: 50.92 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

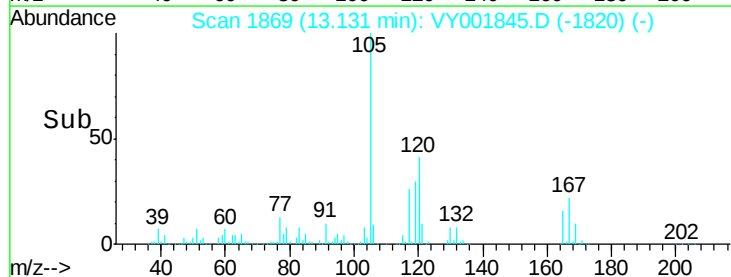
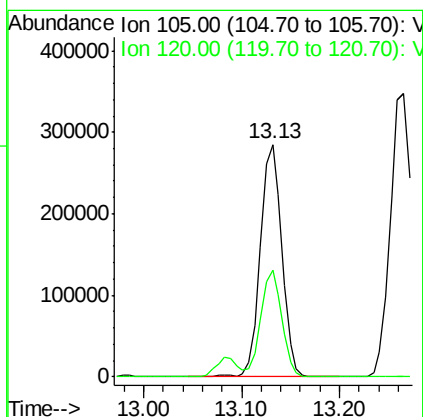
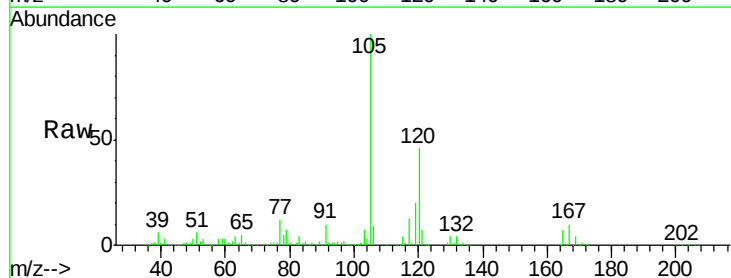
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

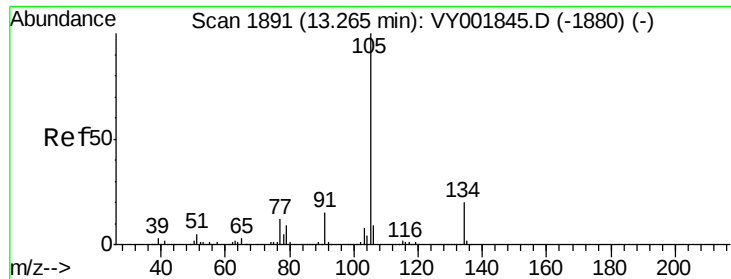
Tgt Ion:119 Resp: 358683
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.0 101.8
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.39 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion:105 Resp: 433216
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.28 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

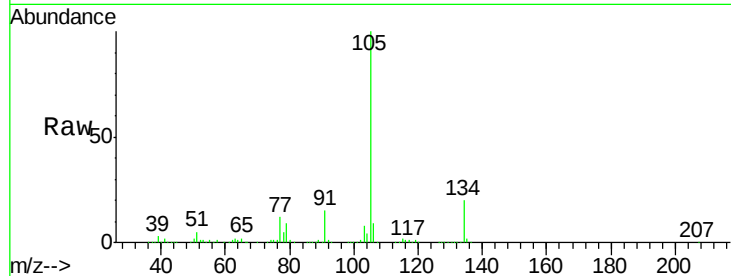
VSTDICCC050

Tgt Ion:105 Resp: 533393

Ion Ratio Lower Upper

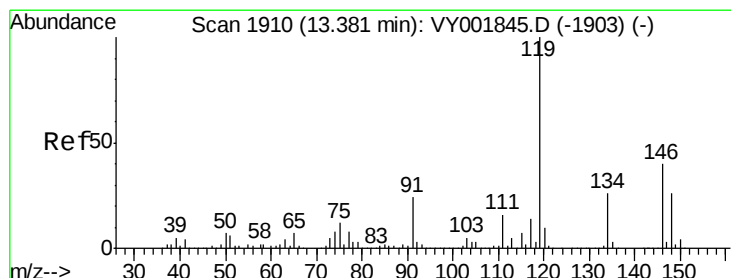
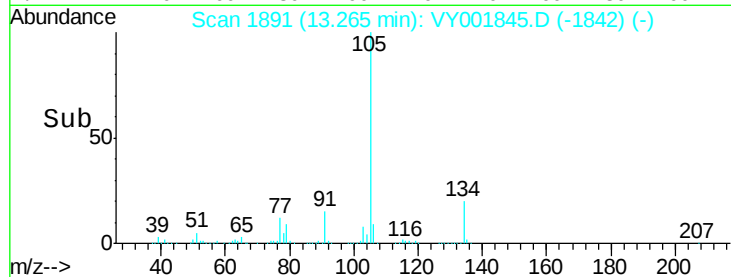
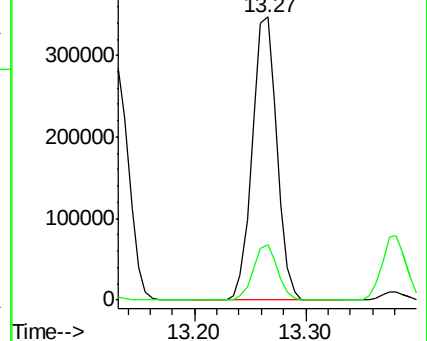
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.63 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

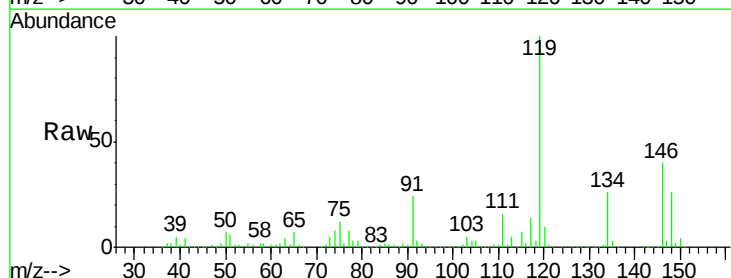
Tgt Ion:119 Resp: 461226

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

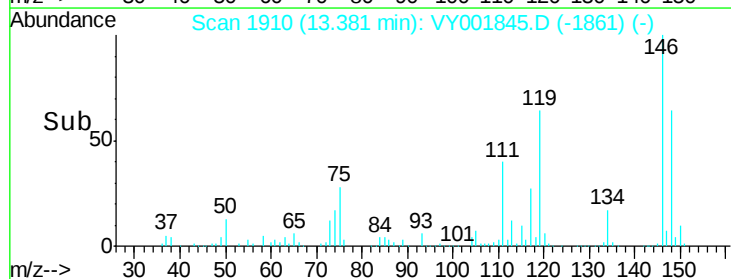
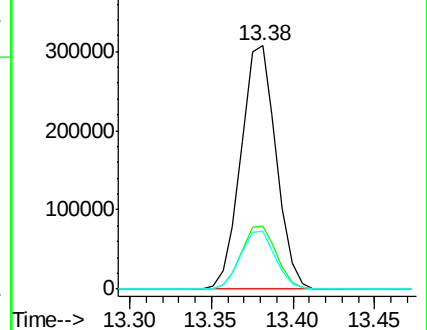
91 23.8 11.9 35.7

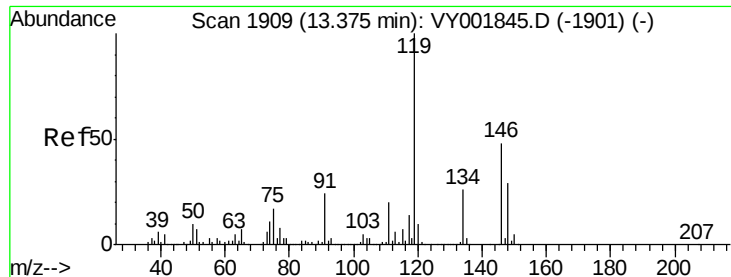


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

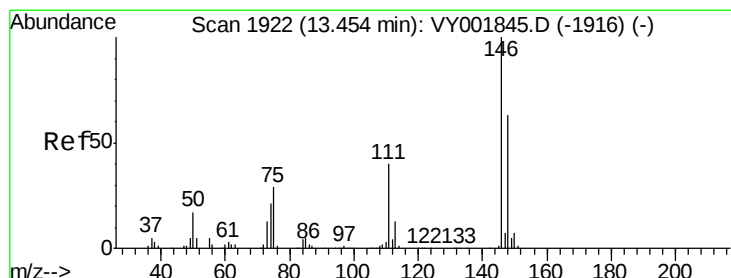
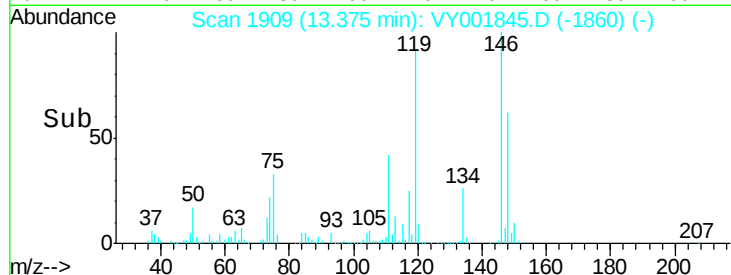
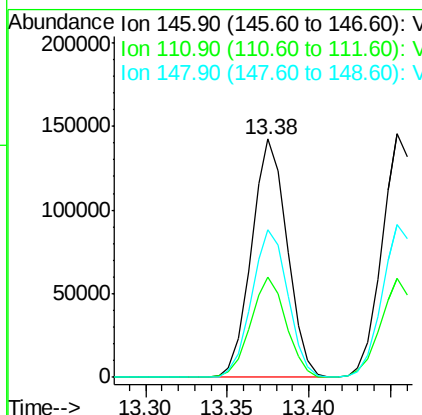
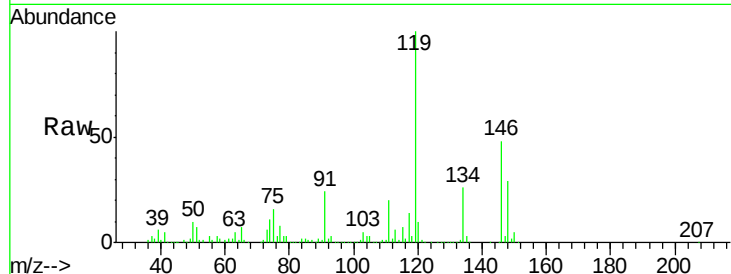




#87
 1,3-Dichlorobenzene
 Concen: 50.58 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

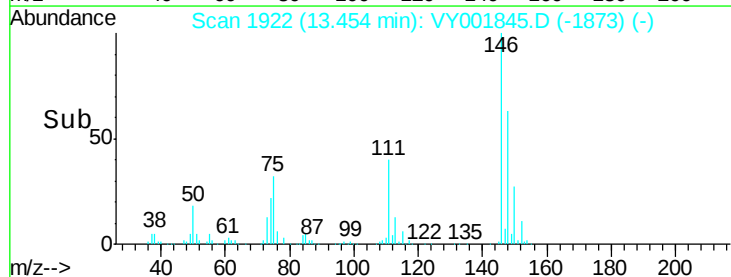
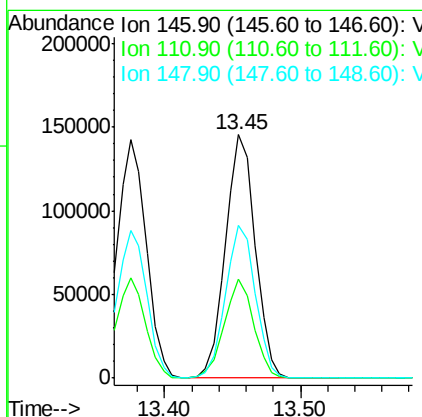
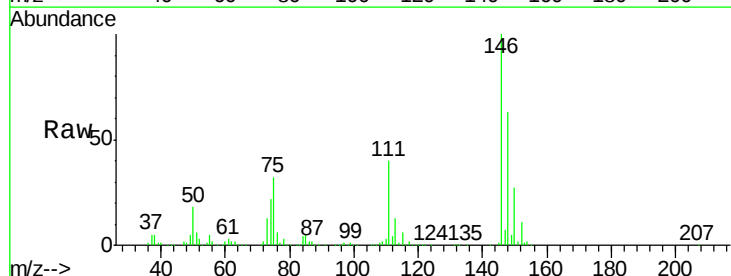
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

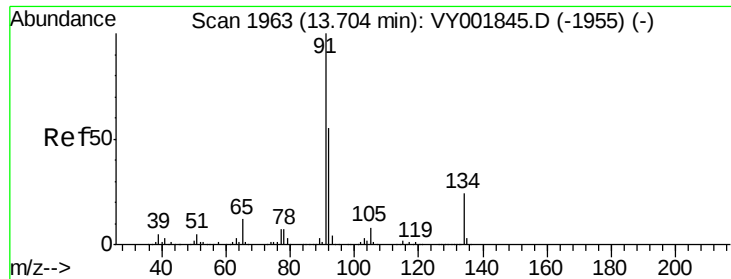
Tgt Ion:146 Resp: 217259
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 62.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 51.17 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion:146 Resp: 220936
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.0 31.5 94.5

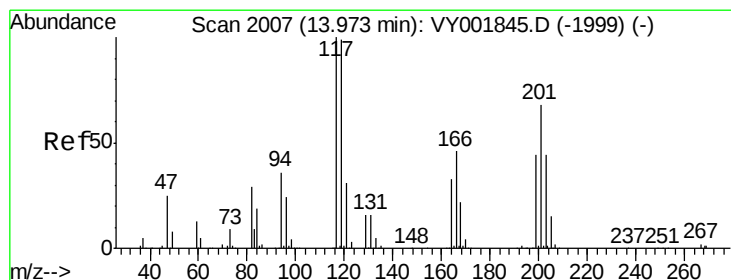
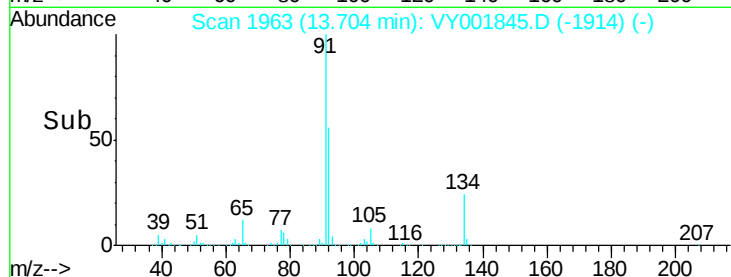
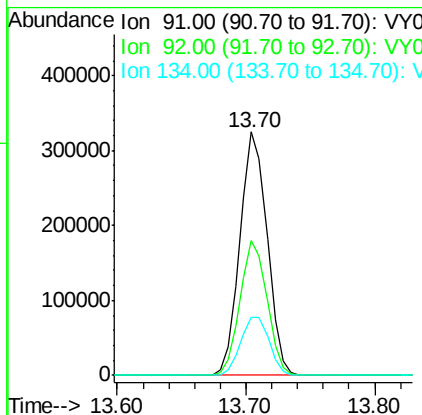
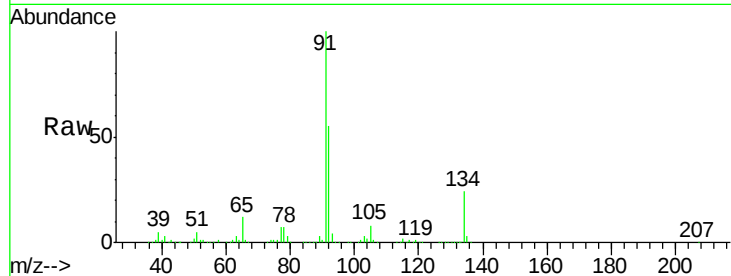




#89
n-Butylbenzene
Concen: 51.43 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

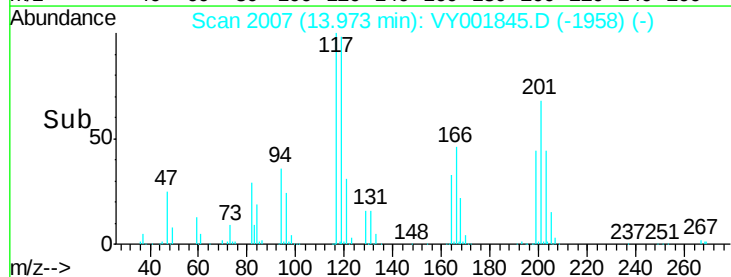
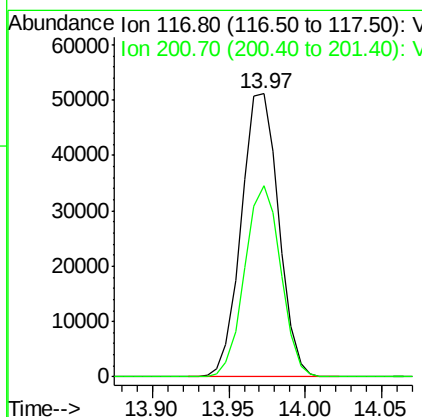
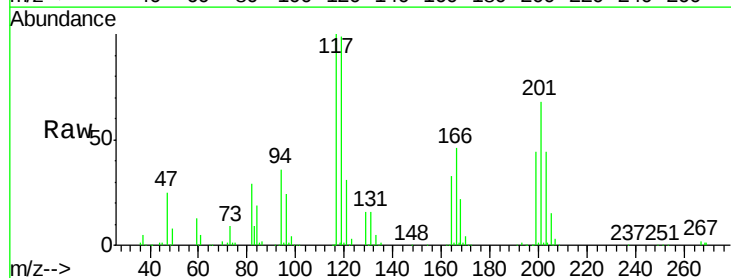
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 473985
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 25.0 12.5 37.5



#90
Hexachloroethane
Concen: 52.06 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion: 117 Resp: 87129
Ion Ratio Lower Upper
117 100
201 65.0 32.5 97.5

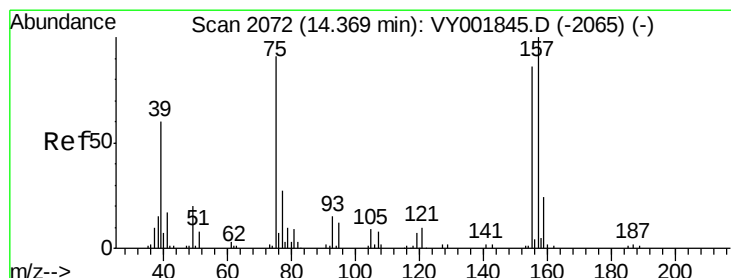
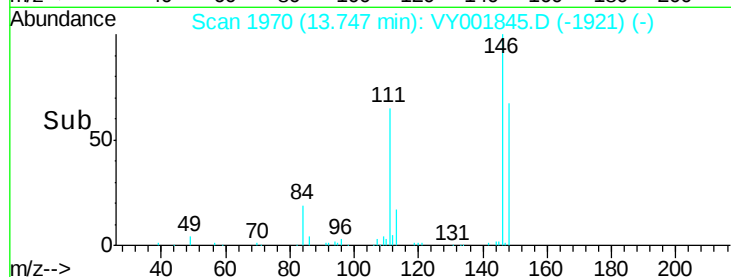
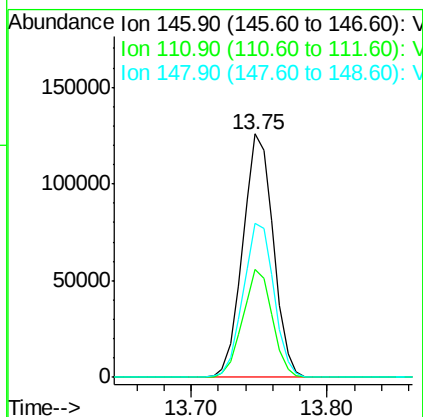
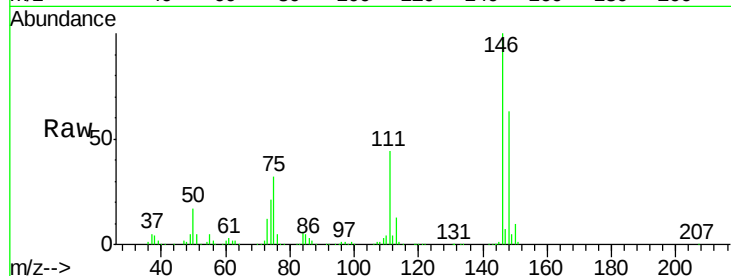




#91
 1,2-Dichlorobenzene
 Concen: 50.94 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

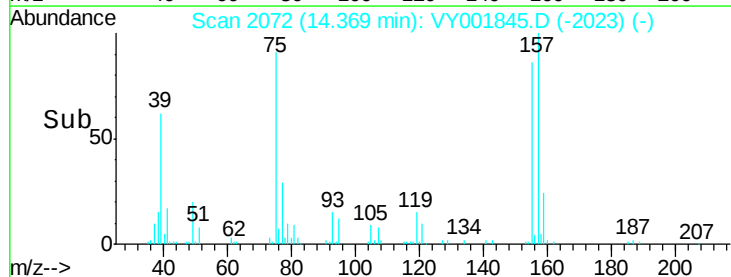
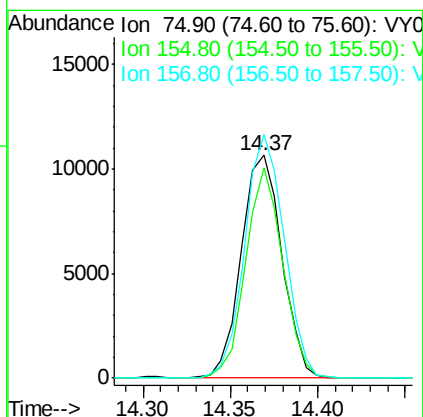
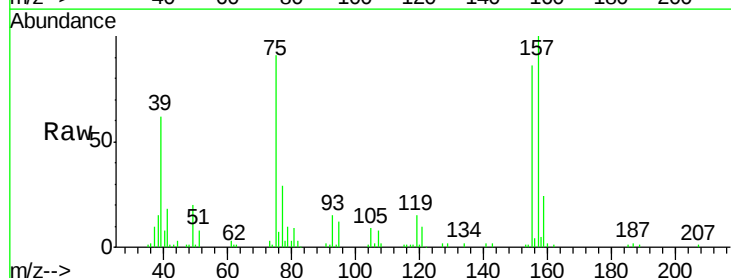
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

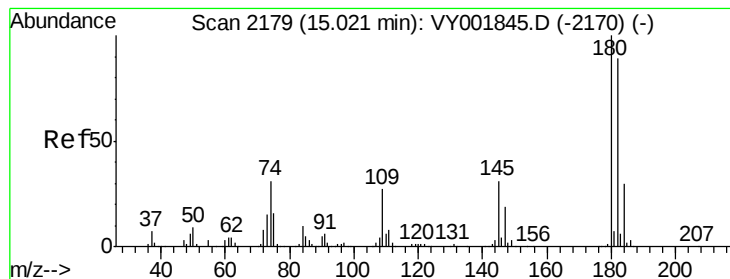
Tgt Ion: 146 Resp: 197350
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.95 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001845.D
 Acq: 04 Mar 2020 11:33

Tgt Ion: 75 Resp: 17247
 Ion Ratio Lower Upper
 75 100
 155 85.8 42.9 128.7
 157 106.3 53.1 159.4





#93

1,2,4-Trichlorobenzene

Concen: 50.81 ug/l

RT: 15.02 min Scan# 2179

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

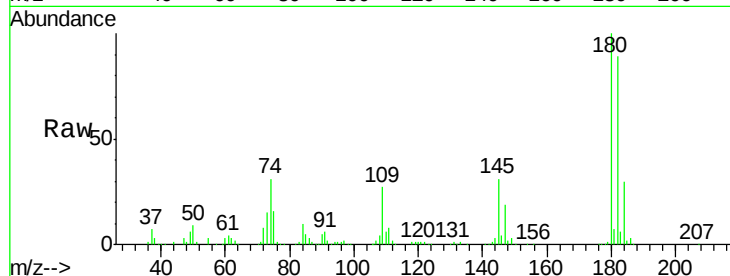
Tgt Ion:180 Resp: 128461

Ion Ratio Lower Upper

180 100

182 92.2 46.1 138.3

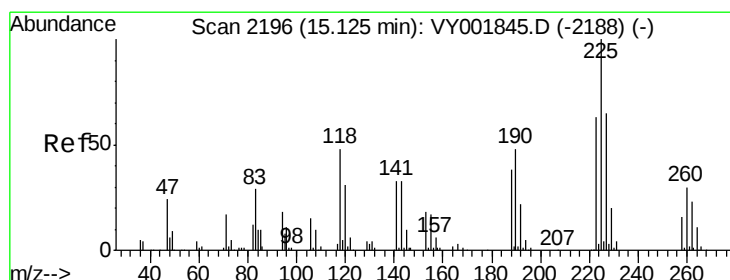
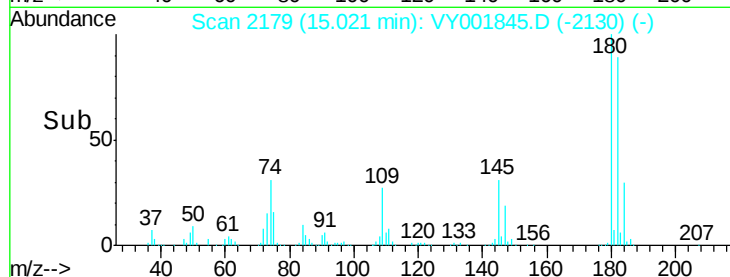
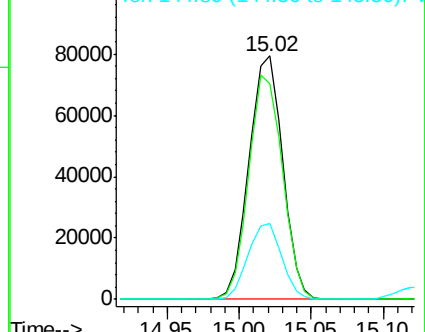
145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 49.53 ug/l

RT: 15.12 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VY001845.D

Acq: 04 Mar 2020 11:33

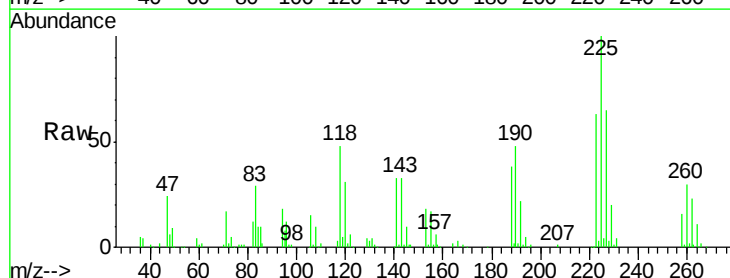
Tgt Ion:225 Resp: 60904

Ion Ratio Lower Upper

225 100

223 63.0 31.5 94.5

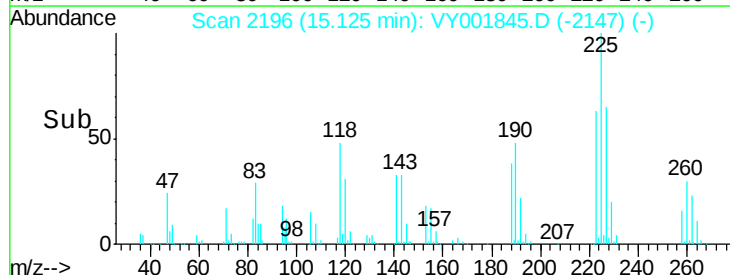
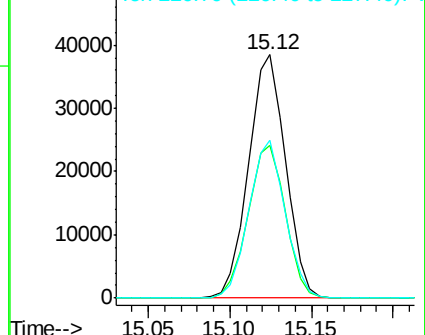
227 63.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

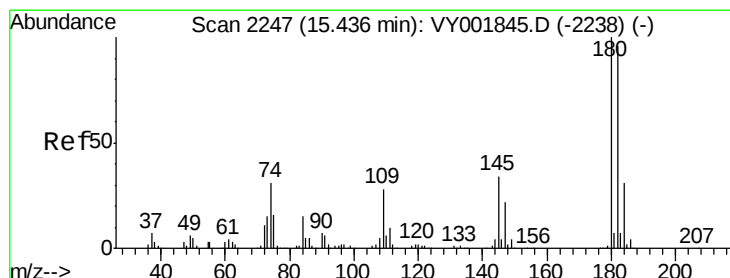
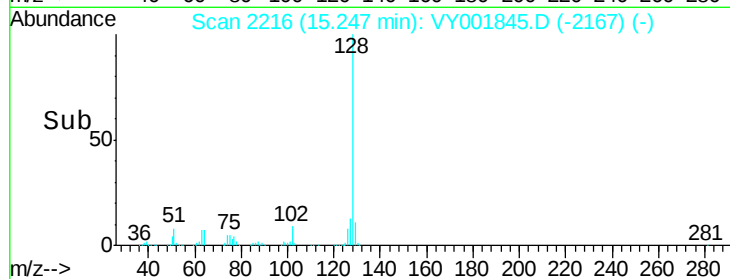
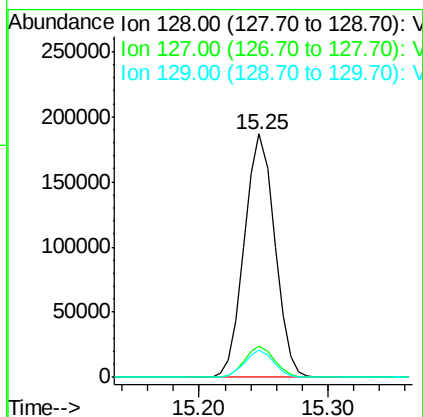
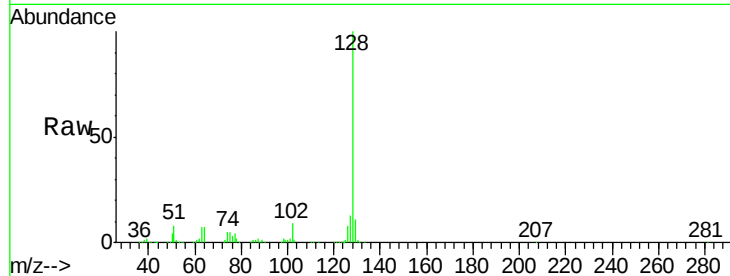




#95
Naphthalene
Concen: 51.21 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 304516
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.20 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001845.D
Acq: 04 Mar 2020 11:33

Tgt Ion:180 Resp: 112100
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 33.5 16.8 50.3

