

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030420\
 Data File : VY001844.D
 Acq On : 04 Mar 2020 11:11
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 04 17:25:01 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	172498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	313647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	276529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	35568	19.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.72%	
35) Dibromofluoromethane	7.74	113	33684	19.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.32%	
50) Toluene-d8	10.19	98	142071	19.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.38%	
62) 4-Bromofluorobenzene	12.49	95	48866	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31944	20.38	ug/l	96
3) Chloromethane	2.13	50	43576	20.80	ug/l	100
4) Vinyl Chloride	2.27	62	44852	20.98	ug/l	98
5) Bromomethane	2.66	94	29888	21.34	ug/l	97
6) Chloroethane	2.81	64	27903	20.61	ug/l	96
7) Trichlorofluoromethane	3.15	101	58565	19.90	ug/l	96
8) Diethyl Ether	3.55	74	22927	20.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38328	20.51	ug/l	100
10) Methyl Iodide	4.12	142	44845	20.67	ug/l	98
11) Tert butyl alcohol	4.99	59	19662	92.86	ug/l	97
12) 1,1-Dichloroethene	3.90	96	38658	20.49	ug/l	98
13) Acrolein	3.76	56	25942	101.13	ug/l	97
14) Allyl chloride	4.51	41	70077	20.77	ug/l	98
15) Acrylonitrile	5.20	53	57190	93.58	ug/l	98
16) Acetone	3.97	43	45841	87.38	ug/l	97
17) Carbon Disulfide	4.22	76	129418	20.49	ug/l	98
18) Methyl Acetate	4.51	43	25182	18.74	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	99923	19.55	ug/l	99
20) Methylene Chloride	4.75	84	43835	19.28	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	43852	20.56	ug/l	95
22) Diisopropyl ether	6.15	45	140930	20.70	ug/l	97
23) Vinyl Acetate	6.10	43	441221	98.66	ug/l	99
24) 1,1-Dichloroethane	6.05	63	76693	20.82	ug/l	99
25) 2-Butanone	7.02	43	71582	88.59	ug/l	100
26) 2,2-Dichloropropane	7.01	77	61791	20.18	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	47572	20.53	ug/l	98
28) Bromochloromethane	7.36	49	33821	20.07	ug/l	99
29) Tetrahydrofuran	7.38	42	49272	92.63	ug/l	98
30) Chloroform	7.54	83	71122	20.37	ug/l	99
31) Cyclohexane	7.81	56	81796	20.60	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	60422	20.48	ug/l	98
36) 1,1-Dichloropropene	7.94	75	61379	20.83	ug/l	99
37) Ethyl Acetate	7.10	43	32726	18.65	ug/l	100
38) Carbon Tetrachloride	7.93	117	50984	20.22	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	78859	20.03	ug/l	98
40) Benzene	8.18	78	179563	20.50	ug/l	100
41) Methacrylonitrile	7.36	41	43264	20.84	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	45767	20.25	ug/l	100
43) Isopropyl Acetate	8.30	43	60744	18.61	ug/l	100
44) Trichloroethene	8.96	130	43940	20.55	ug/l	94
45) 1,2-Dichloropropane	9.23	63	45518	20.60	ug/l	94
46) Dibromomethane	9.32	93	22491	19.64	ug/l	99
47) Bromodichloromethane	9.51	83	53970	20.39	ug/l	100
48) Methyl methacrylate	9.31	41	27707	18.73	ug/l	99
49) 1,4-Dioxane	9.31	88	5711	378.24	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	151566	90.13	ug/l	99
52) Toluene	10.25	92	108899	20.51	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	56436	19.52	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	69006	20.03	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	32782	19.62	ug/l	98
56) Ethyl methacrylate	10.52	69	45860	18.84	ug/l	95
57) 1,3-Dichloropropane	10.80	76	58184	19.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	122055	123.58	ug/l	100
59) 2-Hexanone	10.84	43	106771	89.30	ug/l	99
60) Dibromochloromethane	10.99	129	34299	19.53	ug/l	100
61) 1,2-Dibromoethane	11.10	107	30327	19.42	ug/l	100
64) Tetrachloroethene	10.73	164	35647	20.90	ug/l	93
65) Chlorobenzene	11.52	112	111210	20.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36542	20.76	ug/l	99
67) Ethyl Benzene	11.60	91	212282	21.04	ug/l	99
68) m/p-Xylenes	11.71	106	154161	41.29	ug/l	99
69) o-Xylene	12.03	106	73368	20.89	ug/l	100
70) Styrene	12.05	104	126115	20.76	ug/l	99
71) Bromoform	12.22	173	17709	18.39	ug/l #	96
73) Isopropylbenzene	12.34	105	196587	20.42	ug/l	100
74) N-amyl acetate	12.15	43	55860	18.93	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	38728	18.67	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	49780	20.44	ug/l #	100
77) Bromobenzene	12.61	156	42447	20.77	ug/l	95
78) n-propylbenzene	12.68	91	245189	20.65	ug/l	100
79) 2-Chlorotoluene	12.76	91	134205	20.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	165473	20.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13243	17.78	ug/l	92
82) 4-Chlorotoluene	12.86	91	140117	20.60	ug/l	99
83) tert-Butylbenzene	13.08	119	138236	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	165123	20.95	ug/l	100
85) sec-Butylbenzene	13.26	105	202417	20.82	ug/l	100
86) p-Isopropyltoluene	13.38	119	175460	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	84070	20.94	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	84678	20.98	ug/l	99
89) n-Butylbenzene	13.70	91	182447	21.18	ug/l	98
90) Hexachloroethane	13.97	117	32768	20.94	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	75433	20.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5492	17.01	ug/l	97

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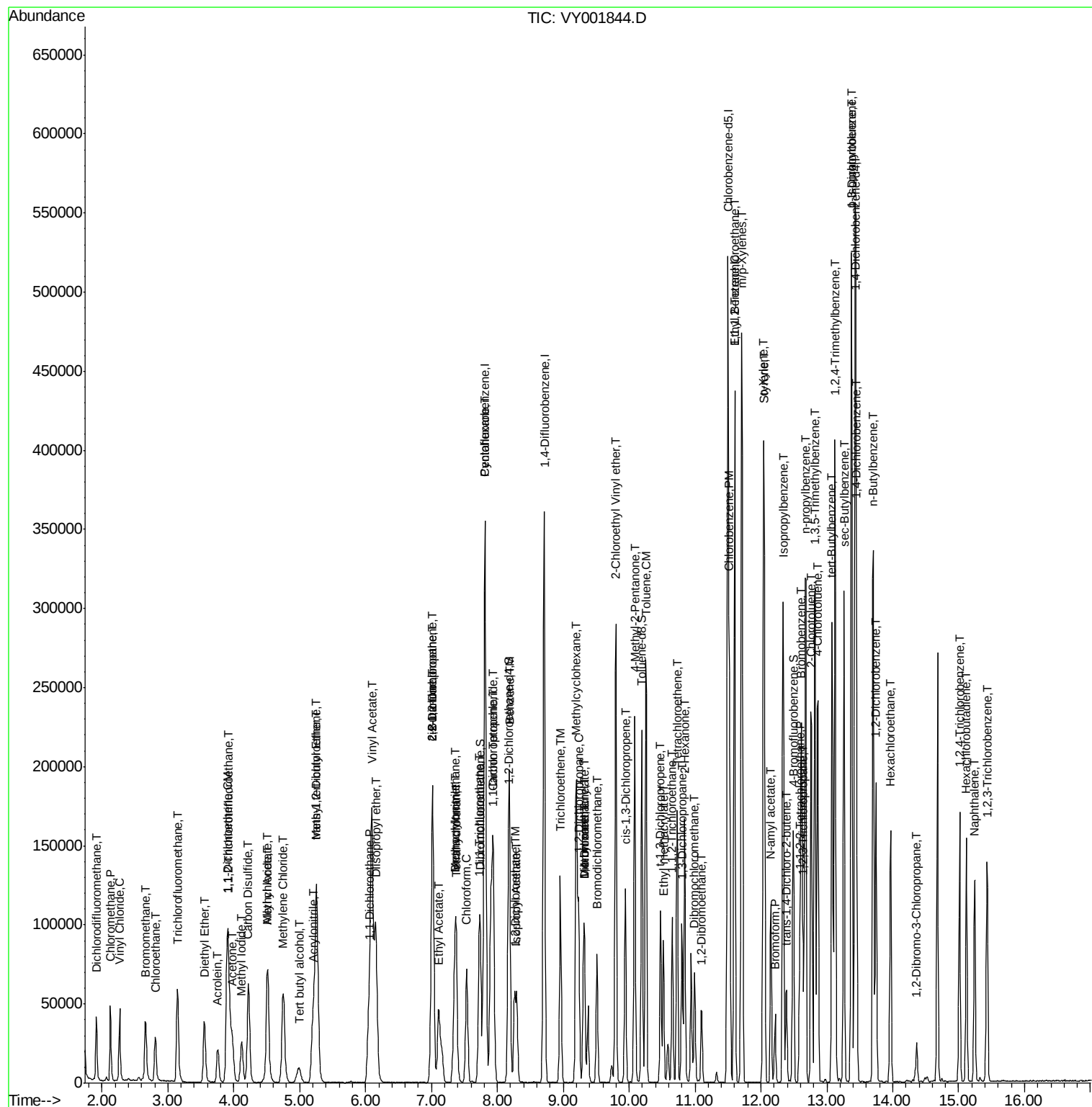
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48203	20.40	ug/l	99
94) Hexachlorobutadiene	15.12	225	24403	21.23	ug/l	99
95) Naphthalene	15.25	128	104864	18.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42264	20.24	ug/l	99

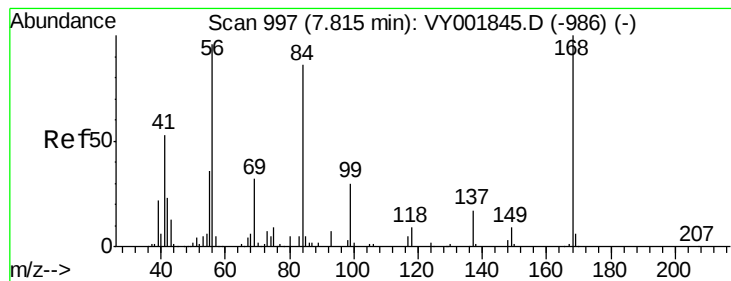
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

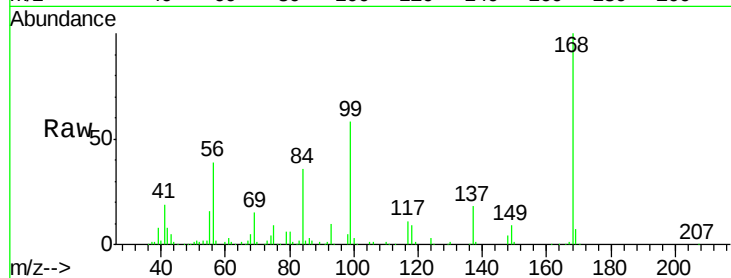
VSTDIC020

Tgt Ion:168 Resp: 172498

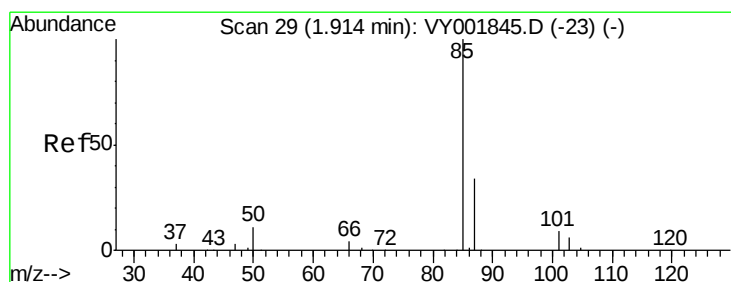
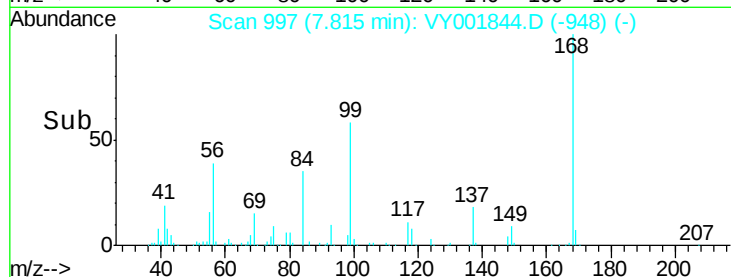
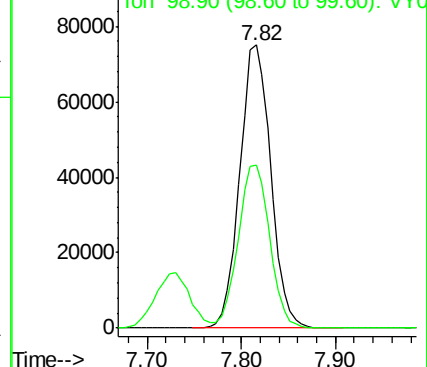
Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001844.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 20.38 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001844.D

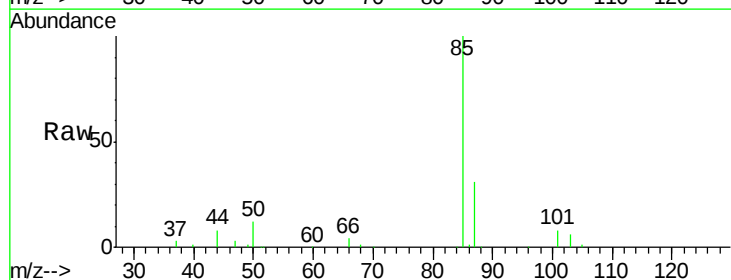
Acq: 04 Mar 2020 11:11

Tgt Ion: 85 Resp: 31944

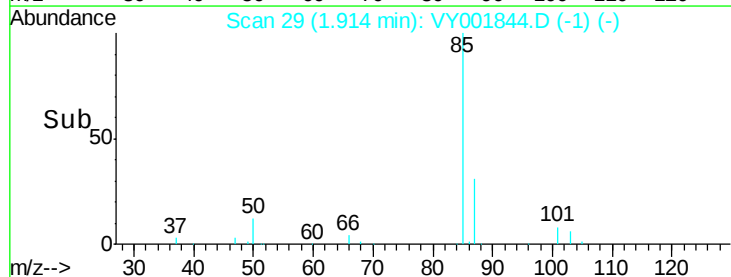
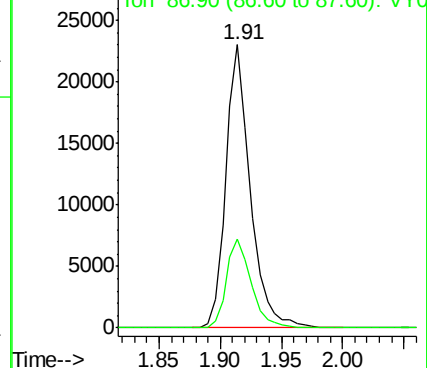
Ion Ratio Lower Upper

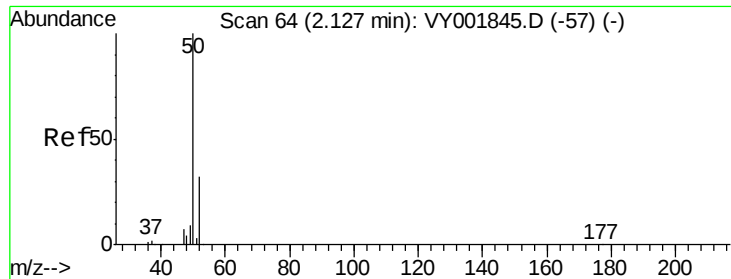
85 100

87 31.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001844.D (-23) (-)





#3

Chloromethane

Concen: 20.80 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

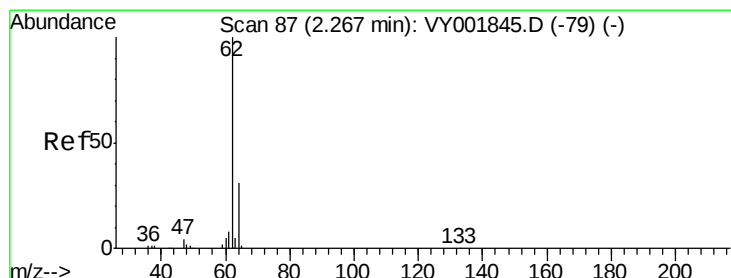
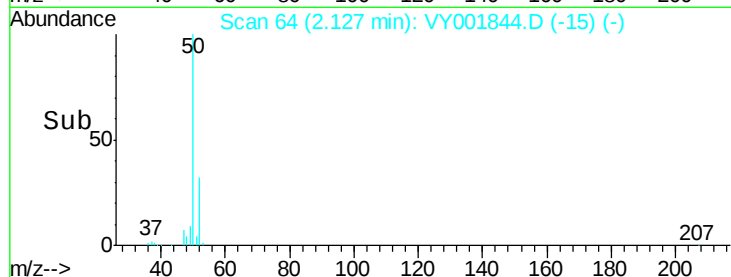
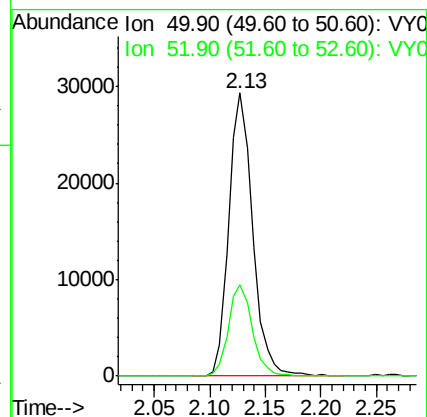
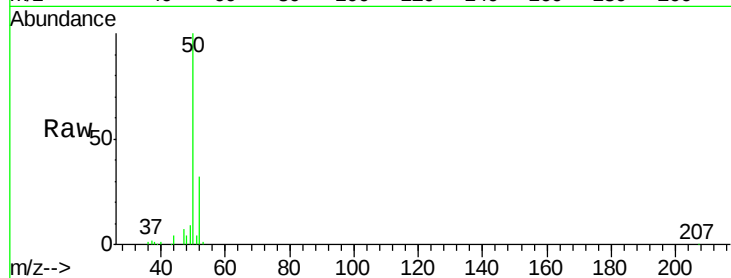
VSTDIC020

Tgt Ion: 50 Resp: 43576

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 20.98 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001844.D

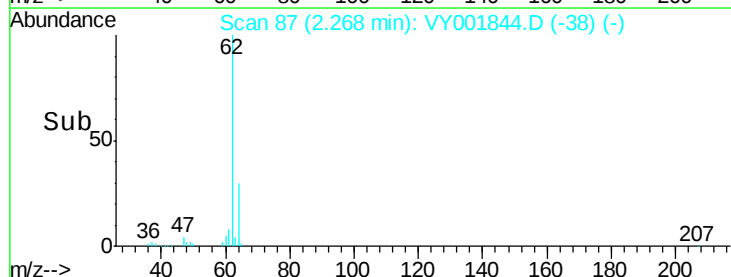
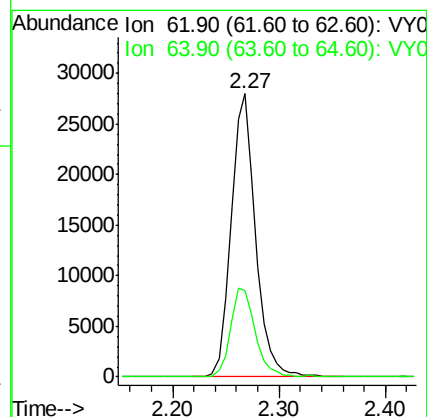
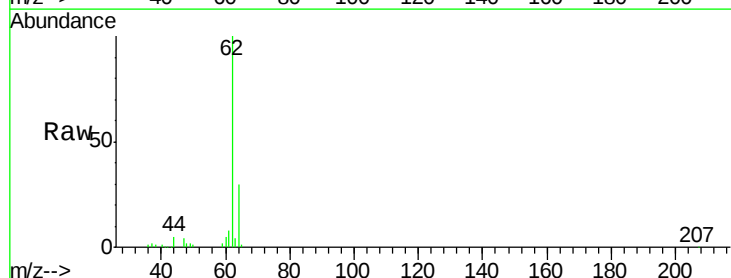
Acq: 04 Mar 2020 11:11

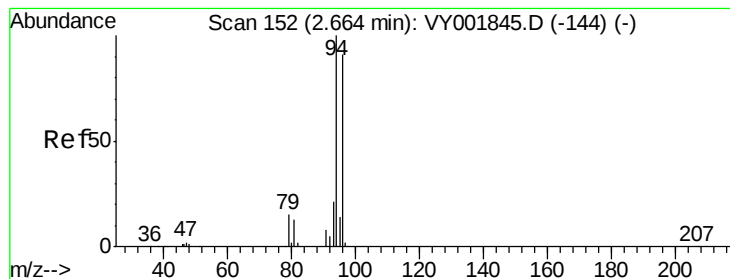
Tgt Ion: 62 Resp: 44852

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 21.34 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampled :

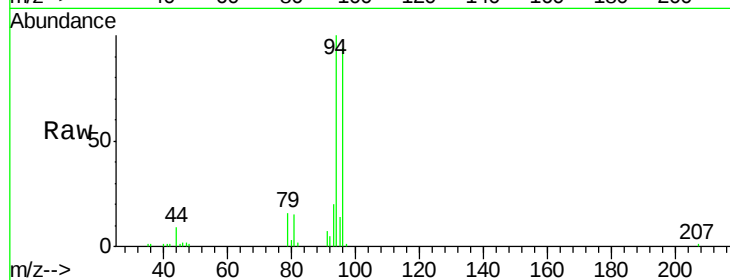
VSTDIC020

Tgt Ion: 94 Resp: 29888

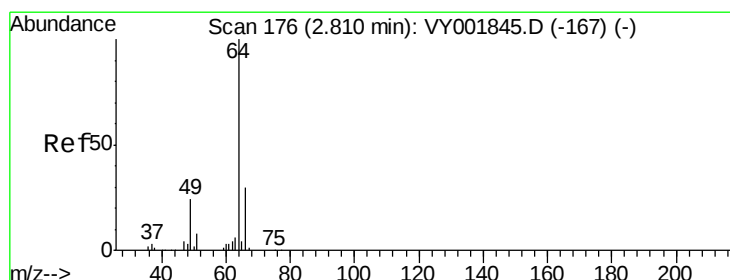
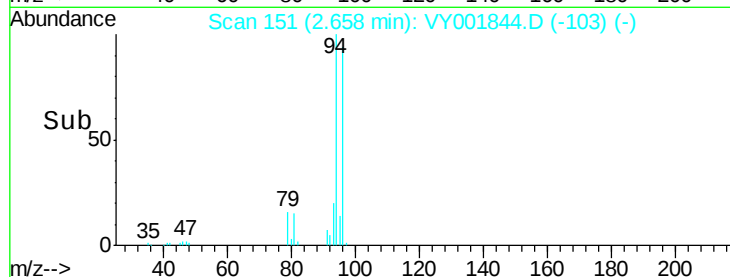
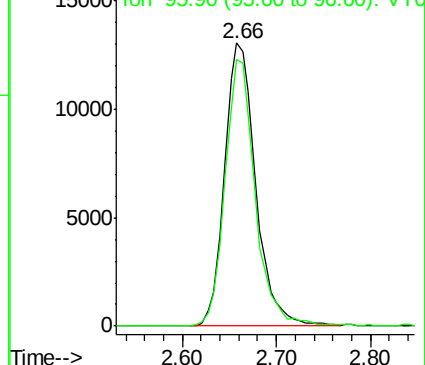
Ion Ratio Lower Upper

94 100

96 94.1 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: 20.61 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001844.D

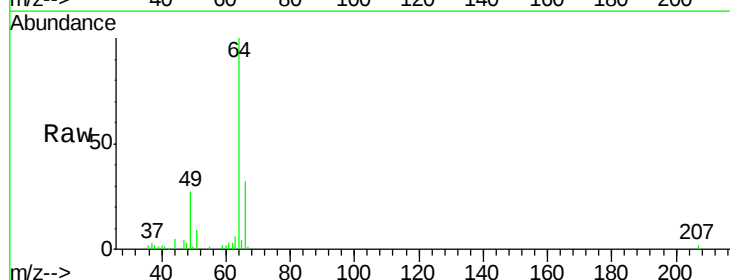
Acq: 04 Mar 2020 11:11

Tgt Ion: 64 Resp: 27903

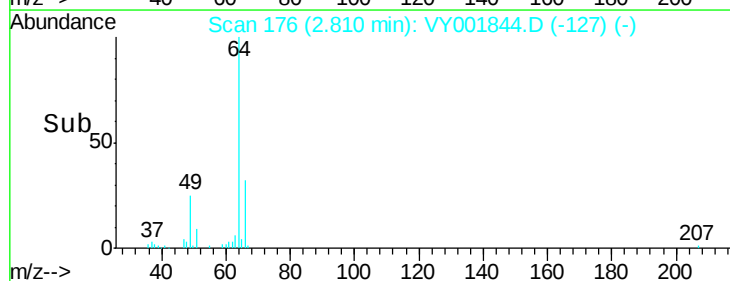
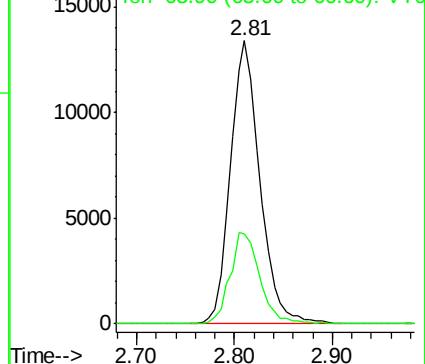
Ion Ratio Lower Upper

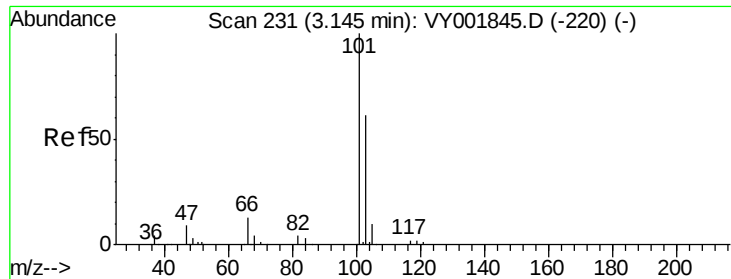
64 100

66 31.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



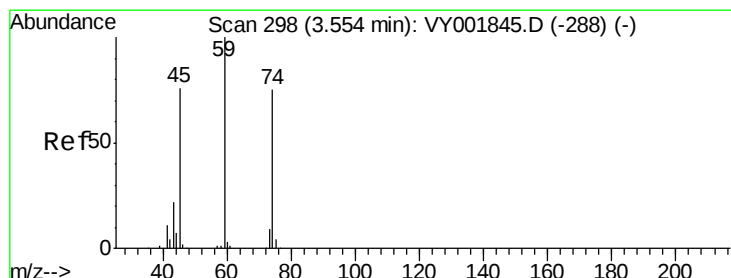
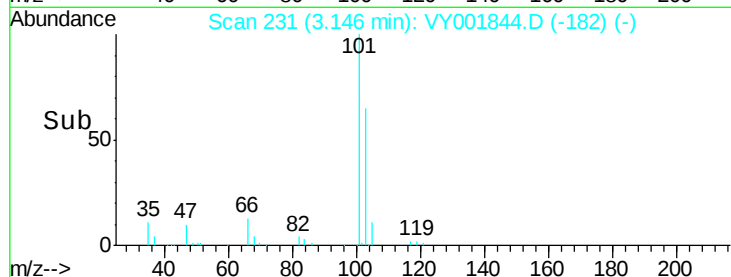
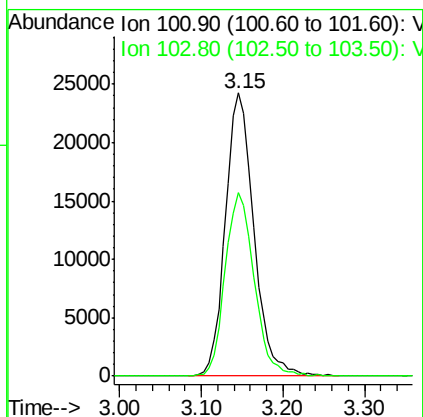
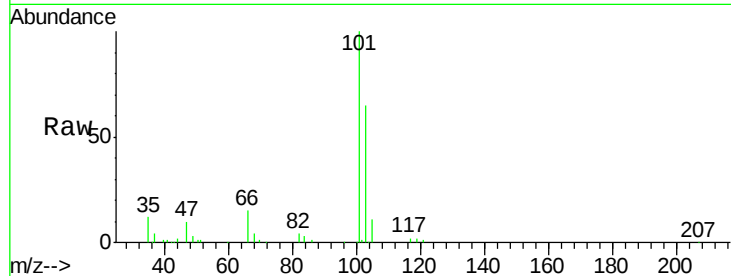


#7

Trichlorofluoromethane
 Concen: 19.90 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Instrument :
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 ClientSampled :
 VSTDIC020

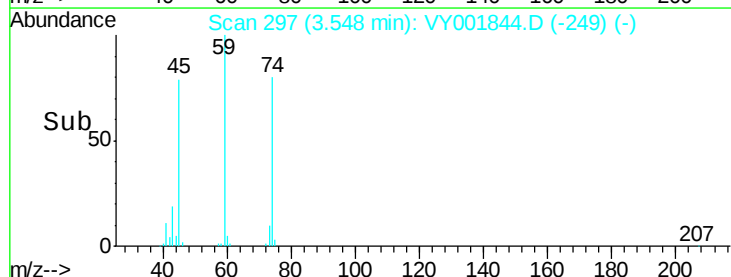
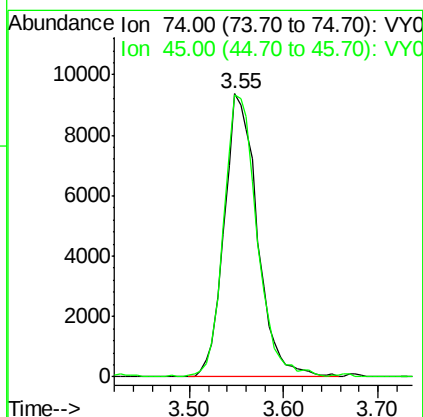
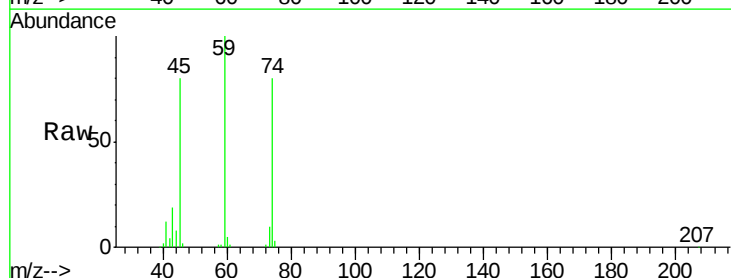
Tgt Ion:101 Resp: 58565
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.1 73.7

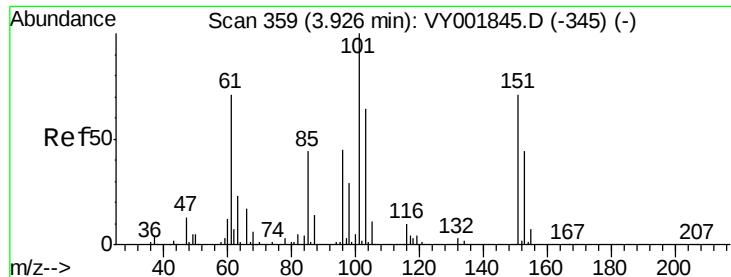


#8

Diethyl Ether
 Concen: 20.04 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 74 Resp: 22927
 Ion Ratio Lower Upper
 74 100
 45 100.1 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.51 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

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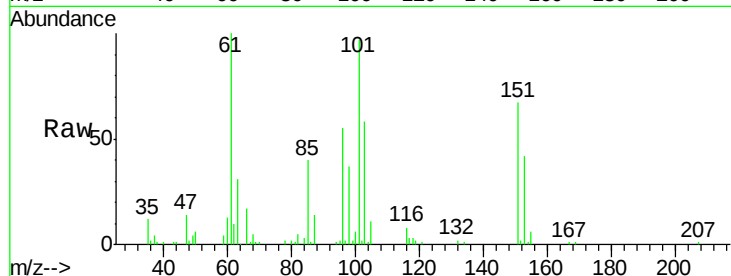
Tgt Ion:101 Resp: 38328

Ion Ratio Lower Upper

101 100

85 44.5 35.3 52.9

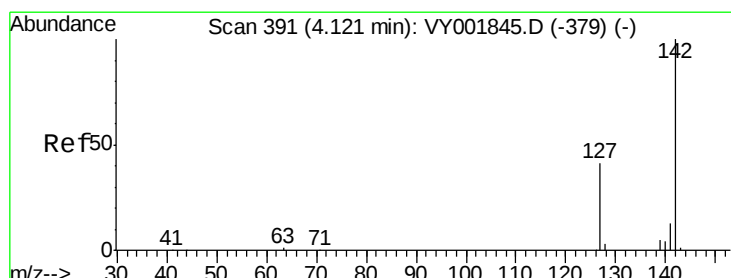
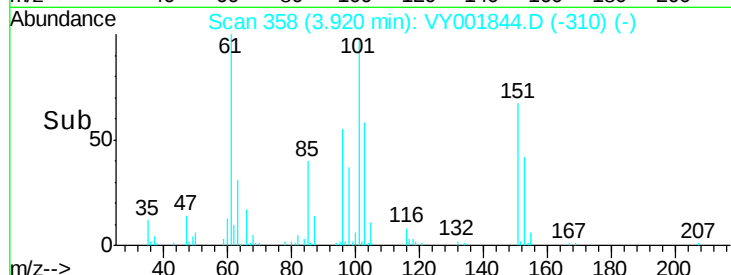
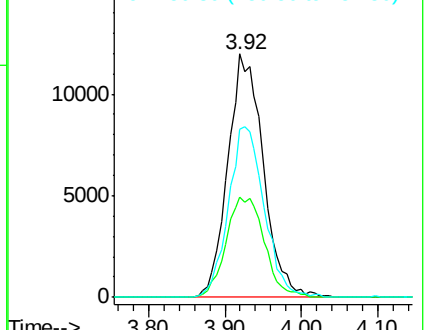
151 71.0 57.0 85.4



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: 20.67 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

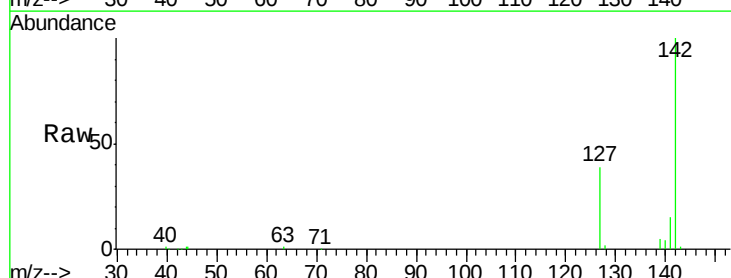
Tgt Ion:142 Resp: 44845

Ion Ratio Lower Upper

142 100

127 39.8 32.7 49.1

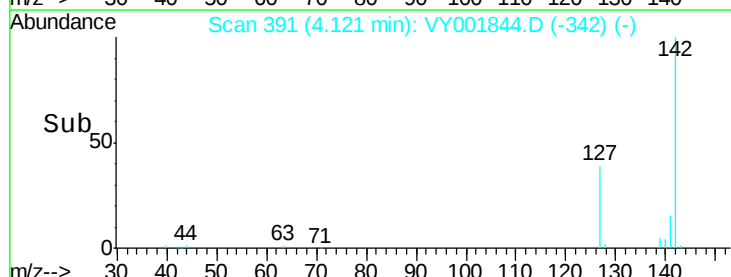
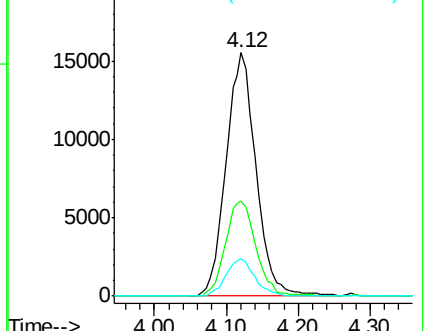
141 14.6 11.0 16.6

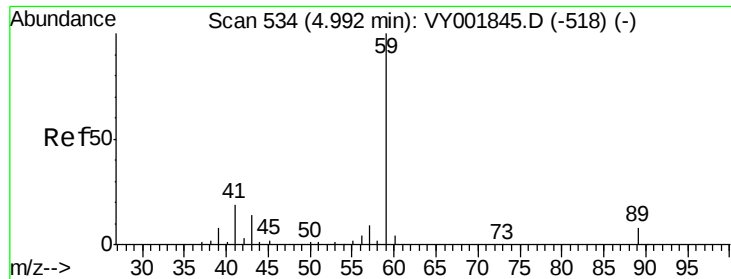


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

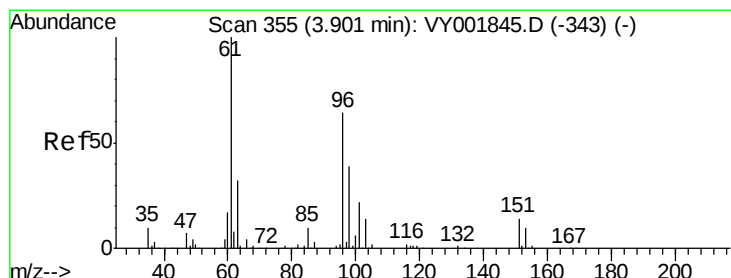
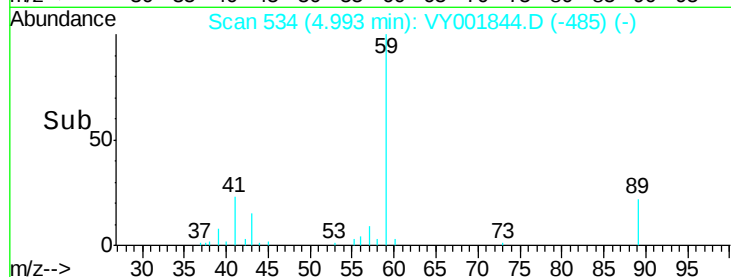
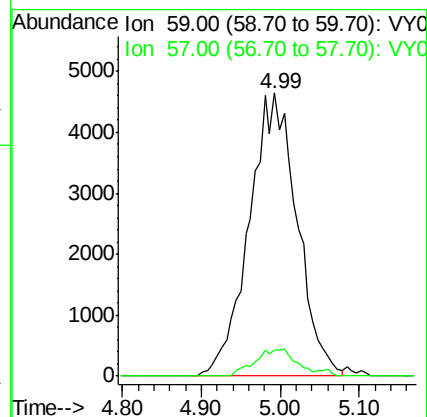
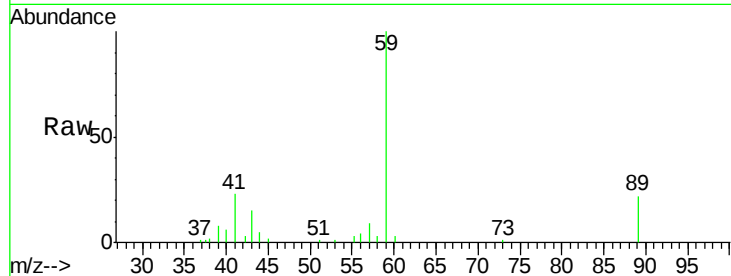




#11
Tert butyl alcohol
Concen: 92.86 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

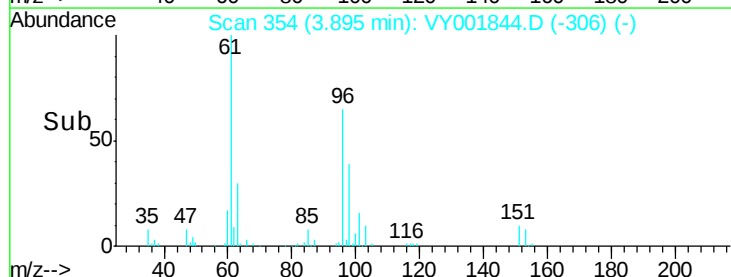
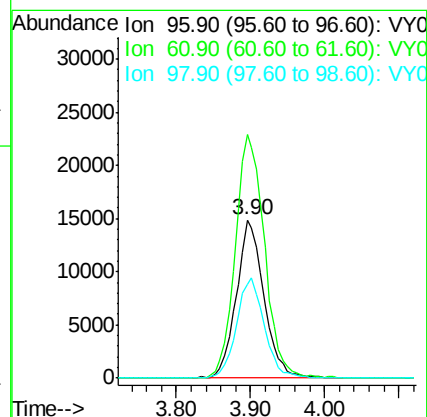
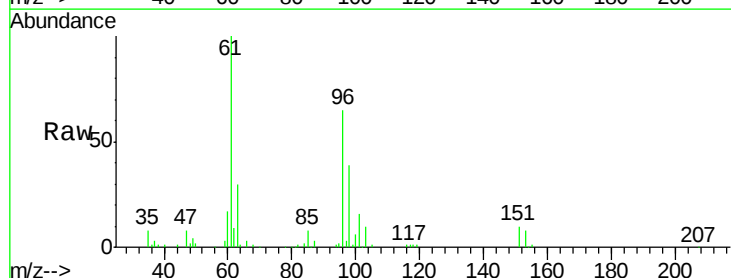
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

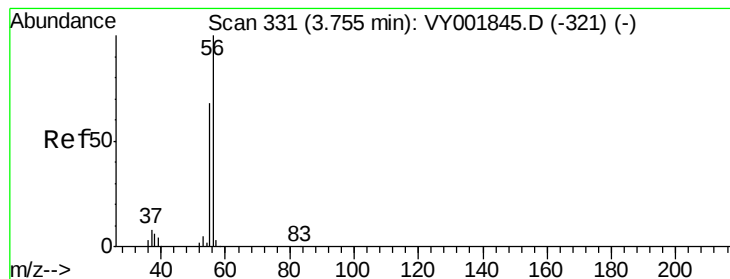
Tgt Ion: 59 Resp: 19662
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.49 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 96 Resp: 38658
Ion Ratio Lower Upper
96 100
61 154.1 124.8 187.2
98 59.6 49.2 73.8





#13

Acrolein

Concen: 101.13 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

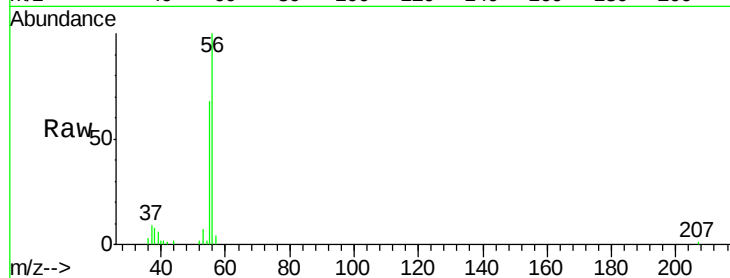
VSTDIC020

Tgt Ion: 56 Resp: 25942

Ion Ratio Lower Upper

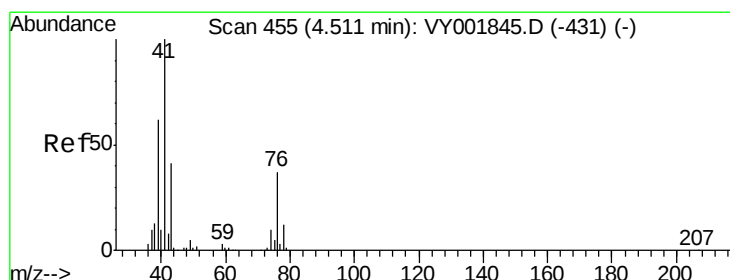
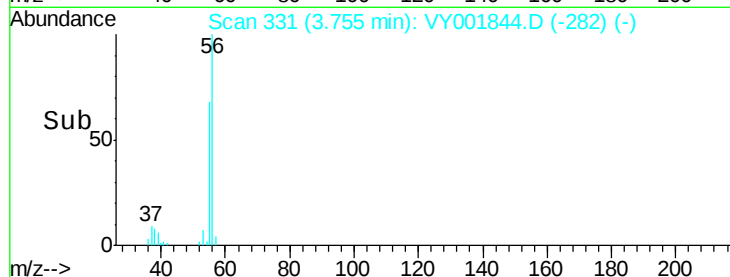
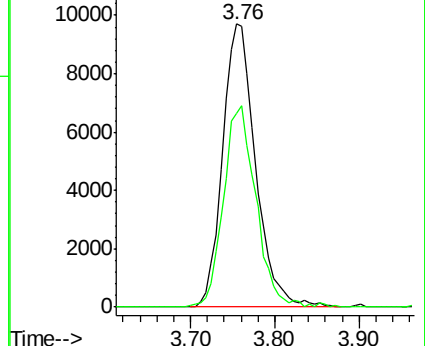
56 100

55 69.5 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.77 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

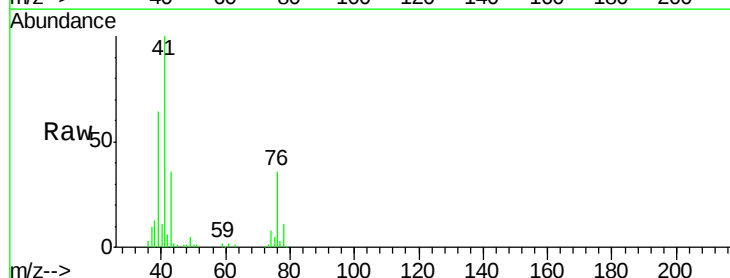
Tgt Ion: 41 Resp: 70077

Ion Ratio Lower Upper

41 100

39 59.8 49.0 73.6

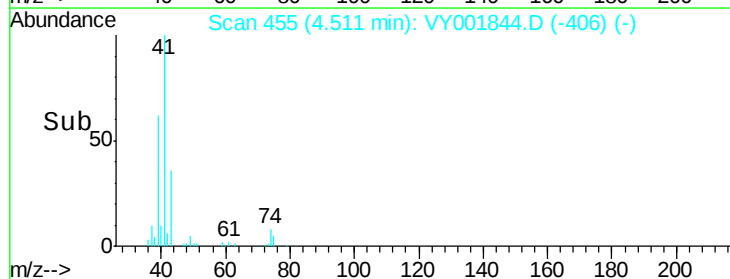
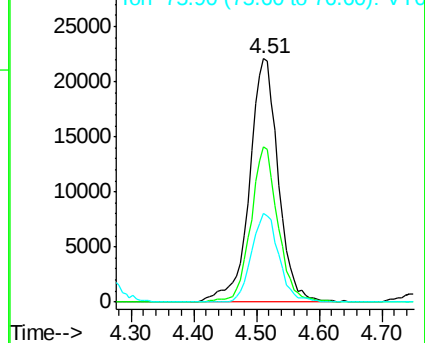
76 34.4 28.9 43.3

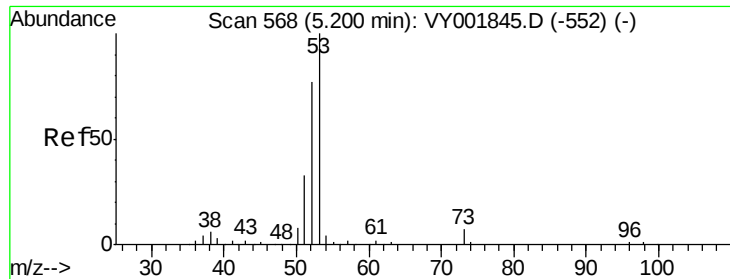


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

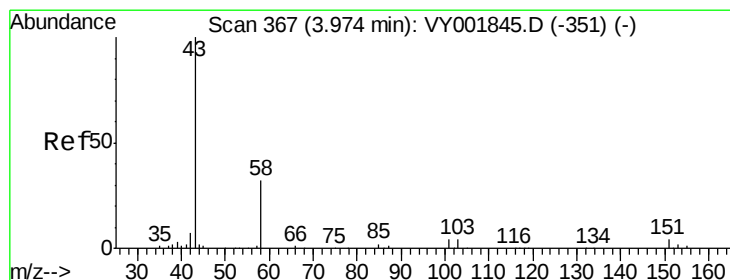
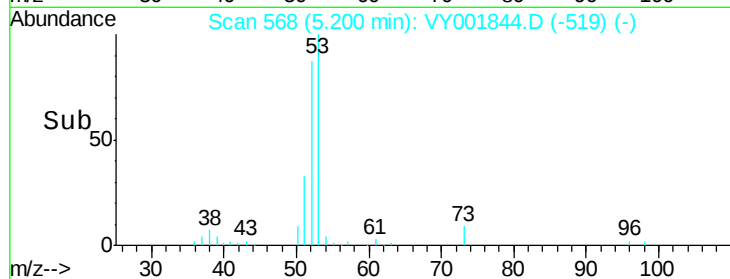
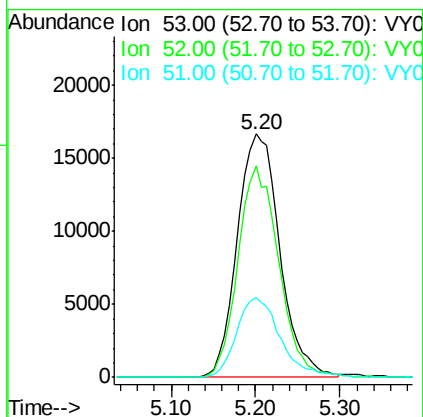
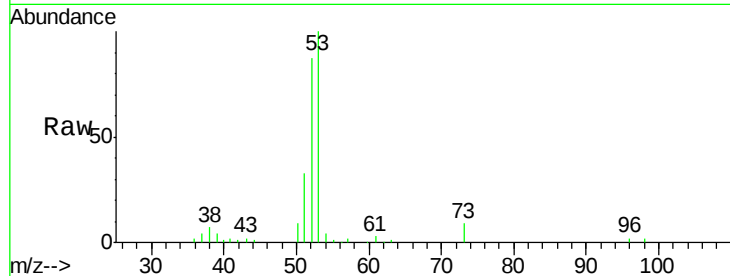




#15
 Acrylonitrile
 Concen: 93.58 ug/l
 RT: 5.20 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

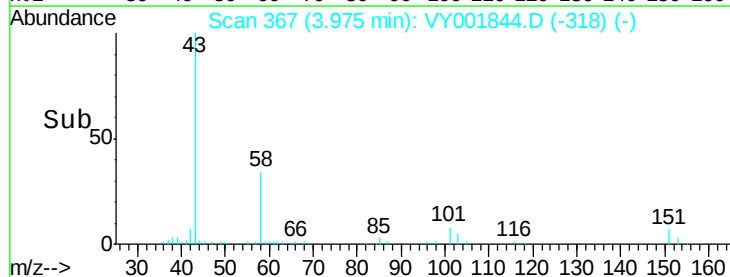
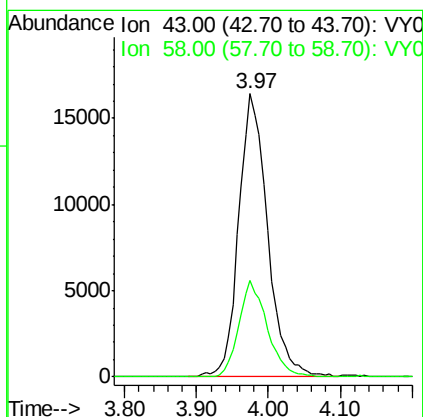
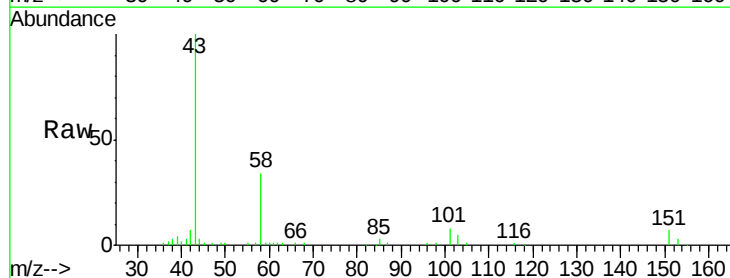
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

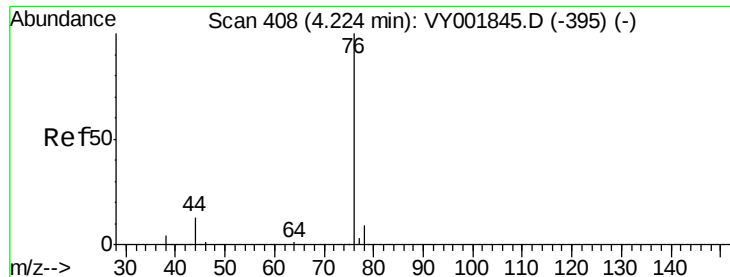
Tgt Ion: 53 Resp: 57190
 Ion Ratio Lower Upper
 53 100
 52 83.0 65.1 97.7
 51 33.7 27.5 41.3



#16
 Acetone
 Concen: 87.38 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 43 Resp: 45841
 Ion Ratio Lower Upper
 43 100
 58 34.2 25.9 38.9

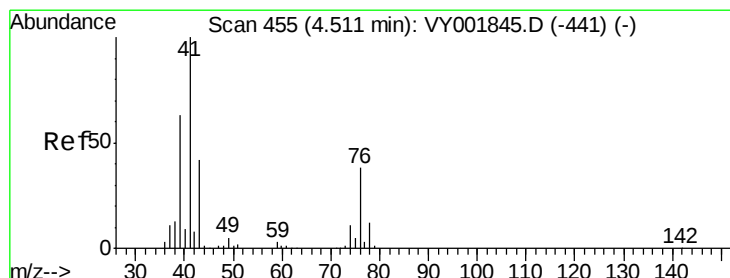
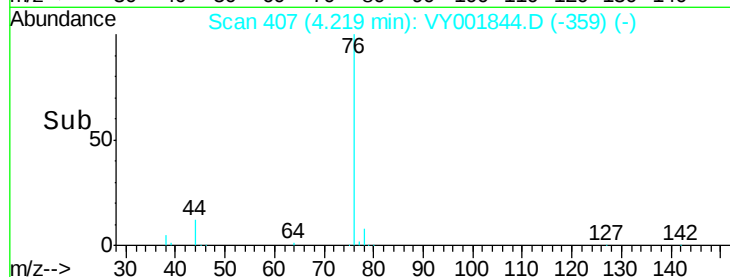
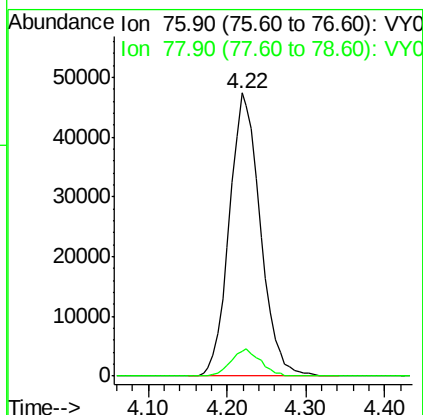
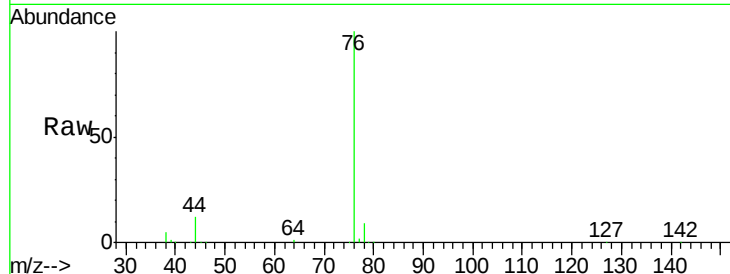




#17
Carbon Disulfide
Concen: 20.49 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

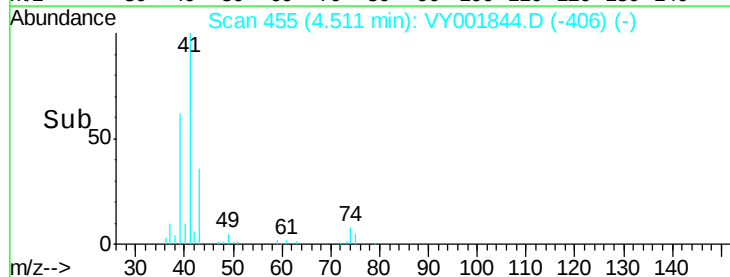
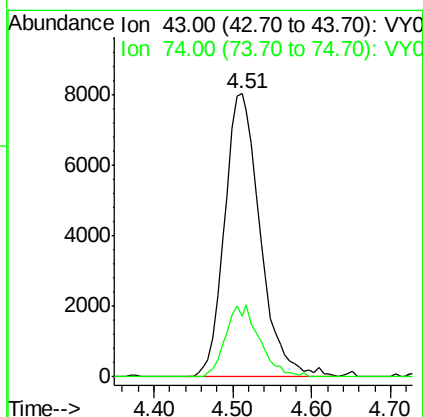
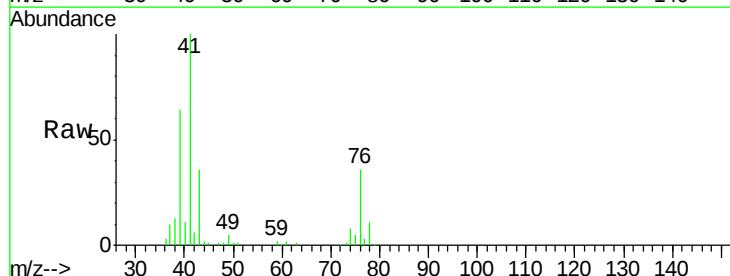
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

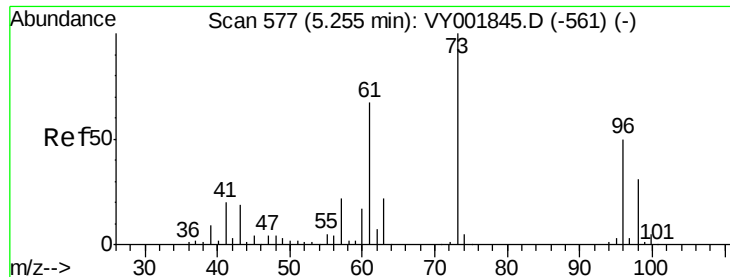
Tgt Ion: 76 Resp: 129418
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 18.74 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 43 Resp: 25182
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.6

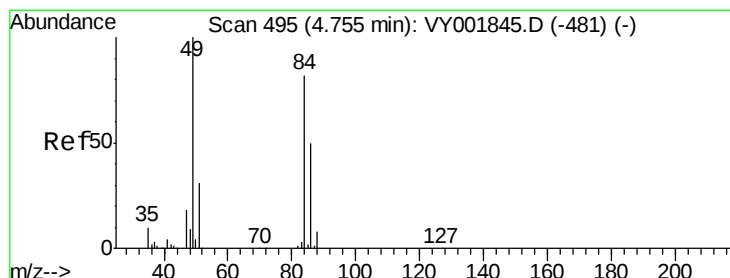
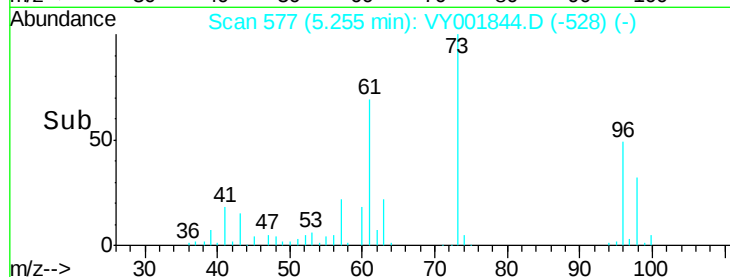
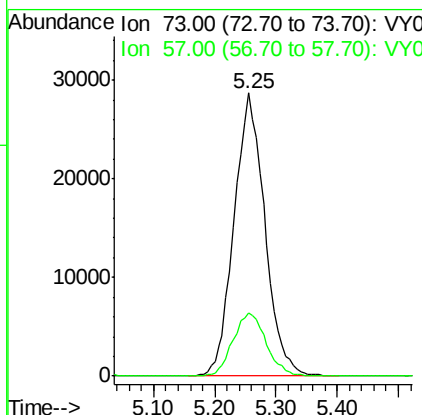
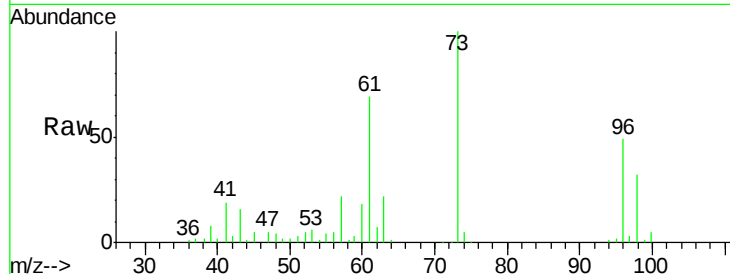




#19
Methyl tert-butyl Ether
Concen: 19.55 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

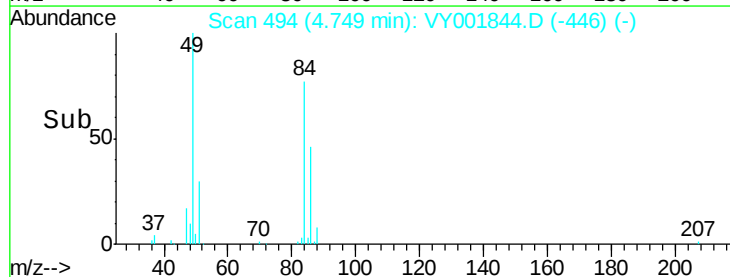
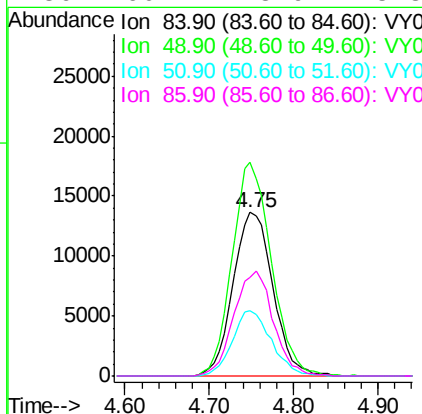
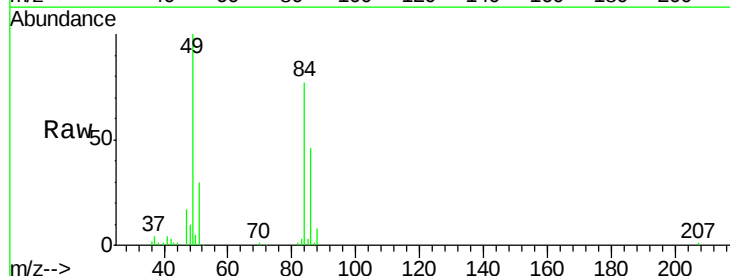
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

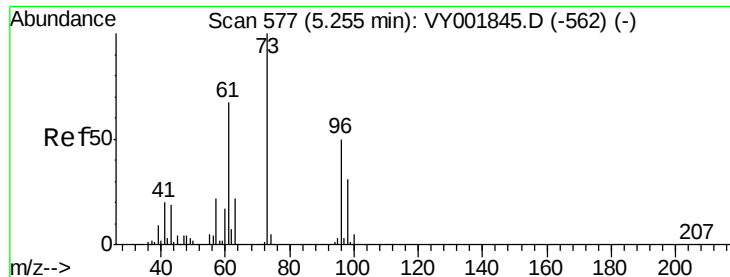
Tgt Ion: 73 Resp: 99923
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2



#20
Methylene Chloride
Concen: 19.28 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 84 Resp: 43835
Ion Ratio Lower Upper
84 100
49 130.6 98.2 147.2
51 39.7 30.2 45.2
86 60.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.56 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

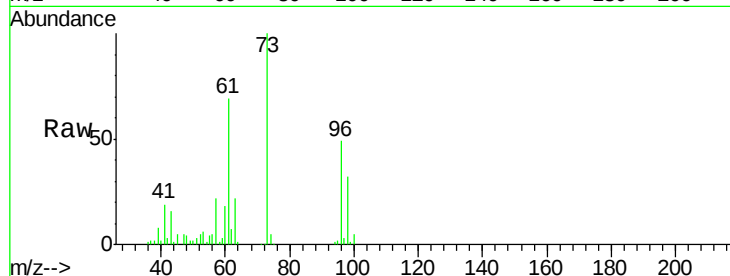
Tgt Ion: 96 Resp: 43852

Ion Ratio Lower Upper

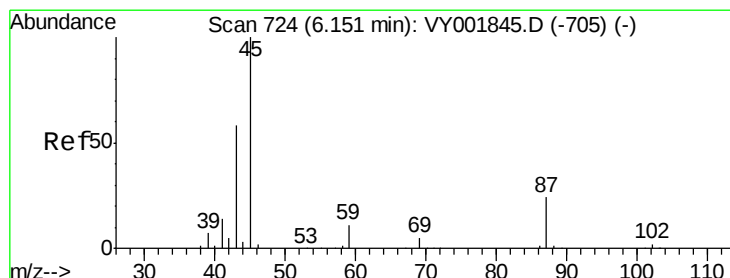
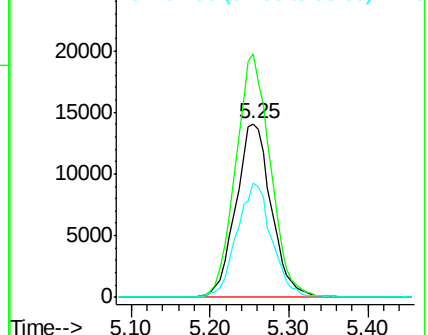
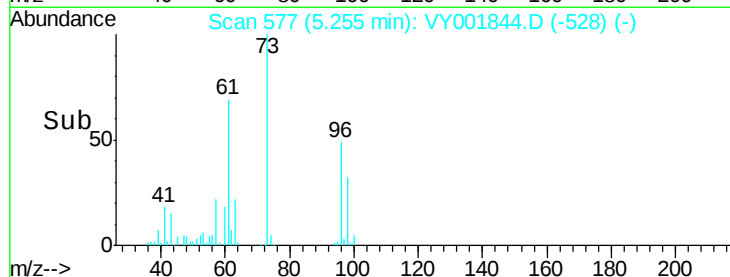
96 100

61 140.6 107.7 161.5

98 66.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY001844.D (-528) (-)



#22

Diisopropyl ether

Concen: 20.70 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Tgt Ion: 45 Resp: 140930

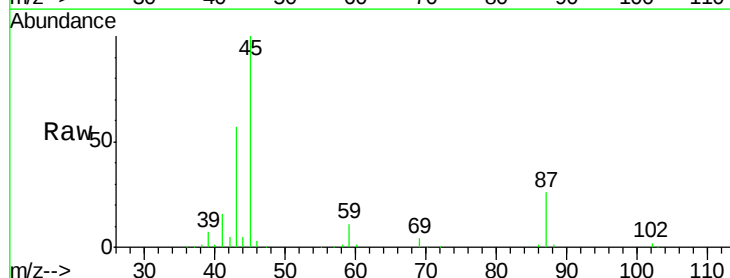
Ion Ratio Lower Upper

45 100

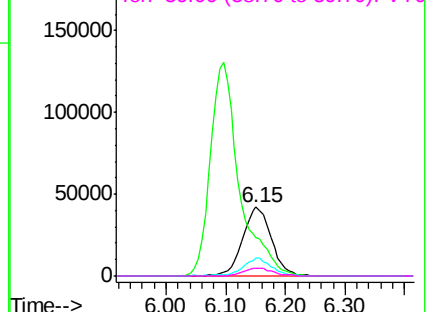
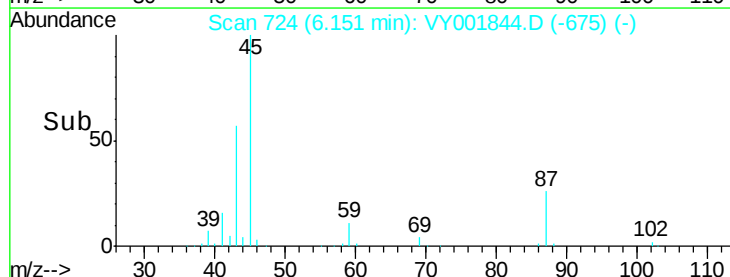
43 56.3 47.2 70.8

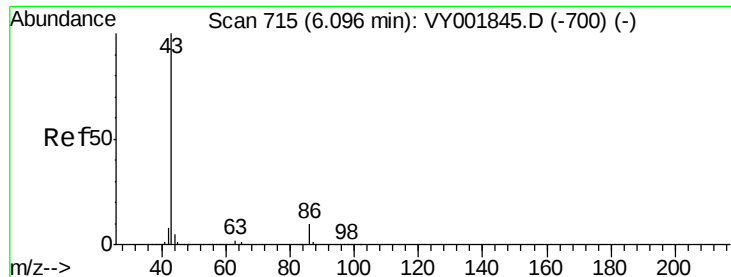
87 25.5 19.8 29.8

59 10.6 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VY001844.D (-675) (-)





#23

Vinyl Acetate

Concen: 98.66 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampled :

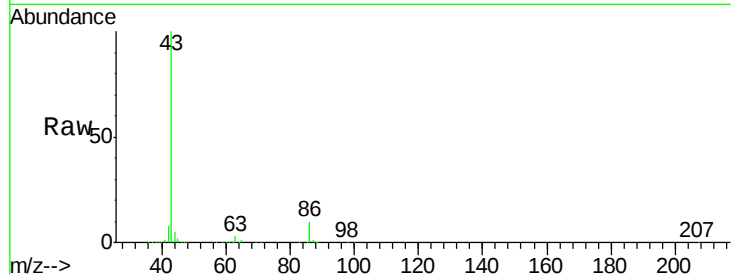
VSTDIC020

Tgt Ion: 43 Resp: 441221

Ion Ratio Lower Upper

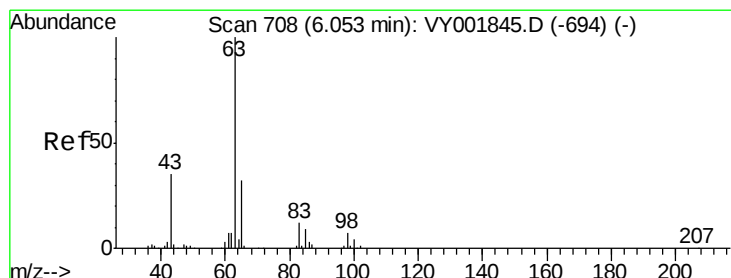
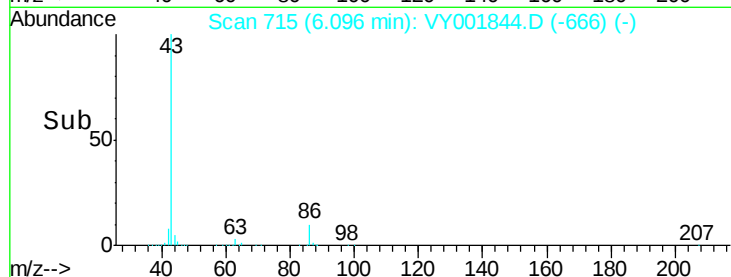
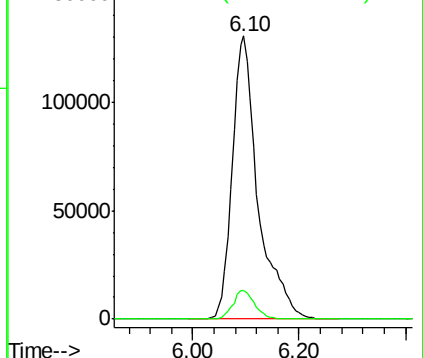
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.82 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

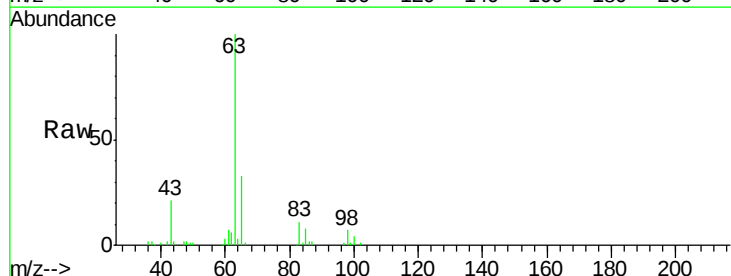
Tgt Ion: 63 Resp: 76693

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

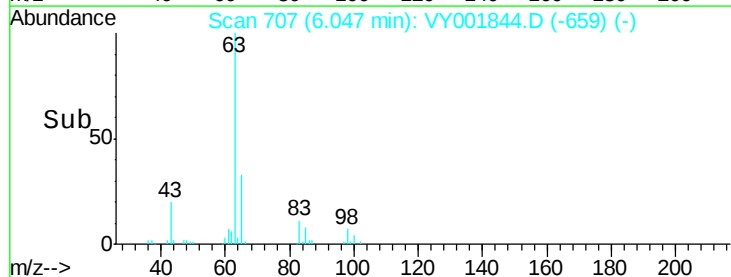
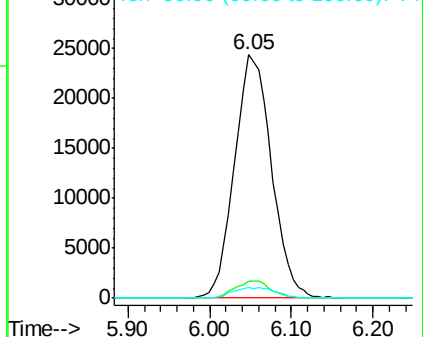
100 4.5 2.0 6.0

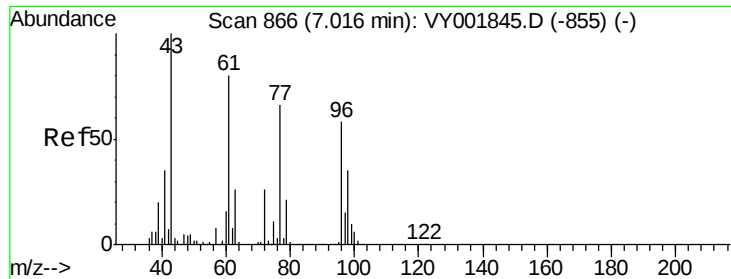


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

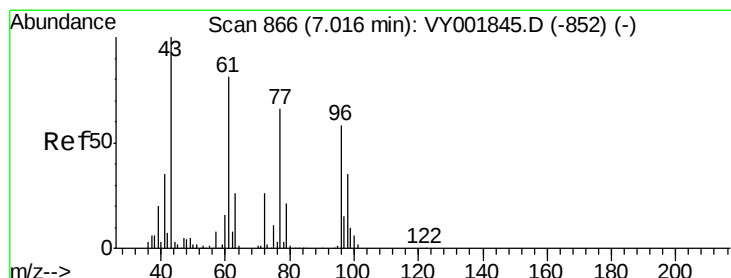
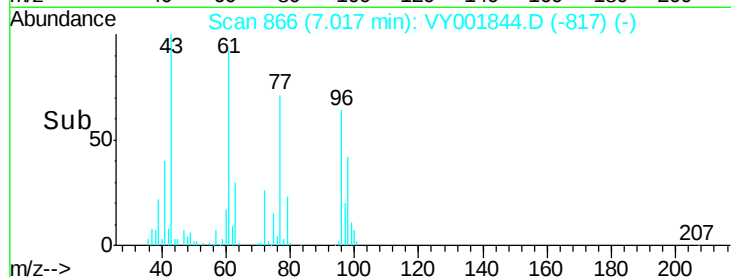
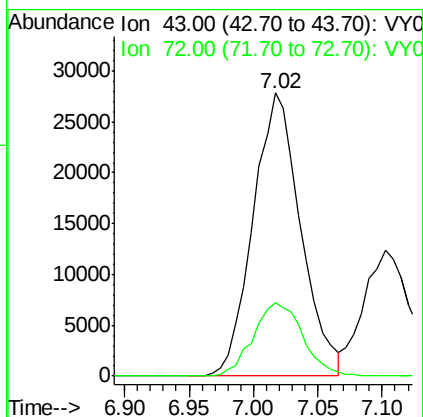
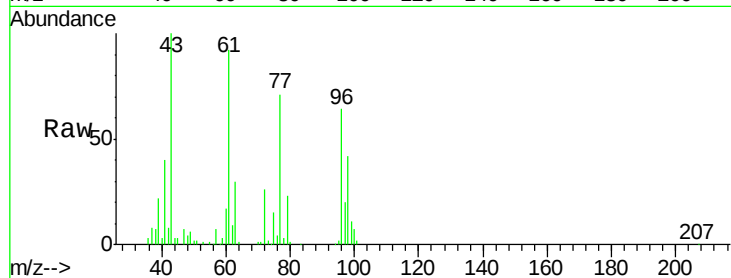




#25
 2-Butanone
 Concen: 88.59 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

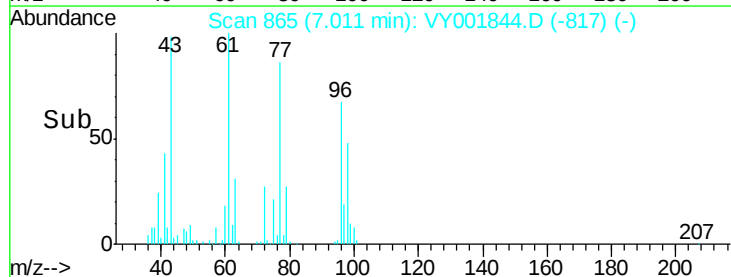
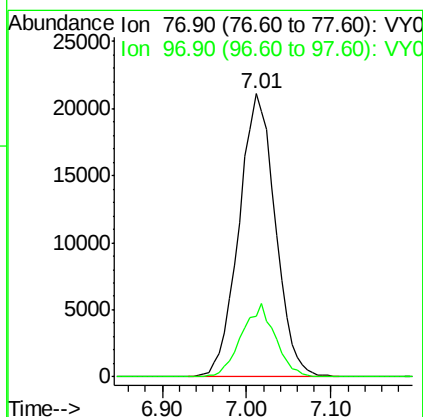
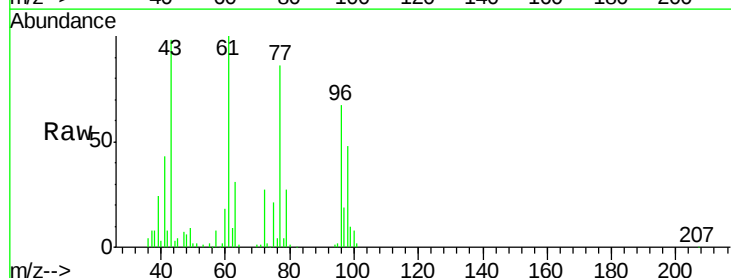
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

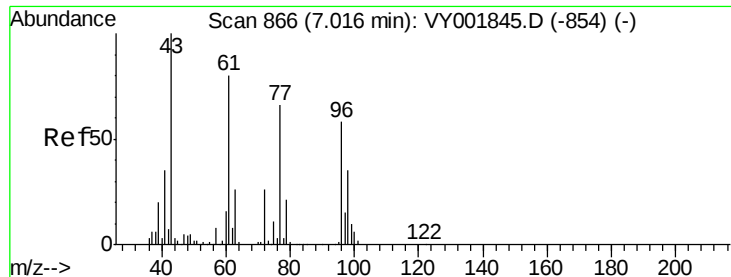
Tgt Ion: 43 Resp: 71582
 Ion Ratio Lower Upper
 43 100
 72 26.1 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 20.18 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 77 Resp: 61791
 Ion Ratio Lower Upper
 77 100
 97 23.9 11.9 35.7

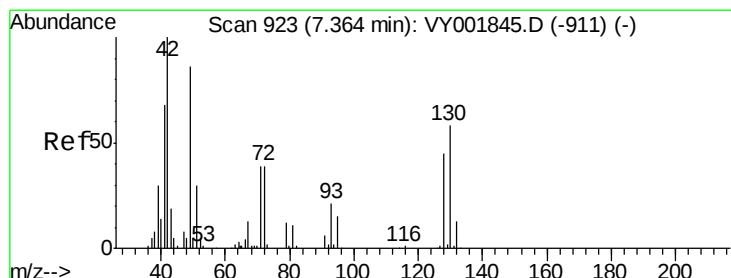
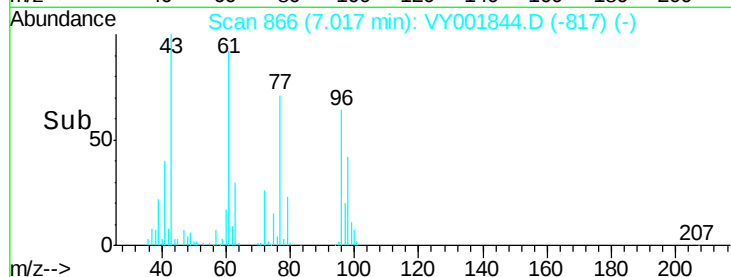
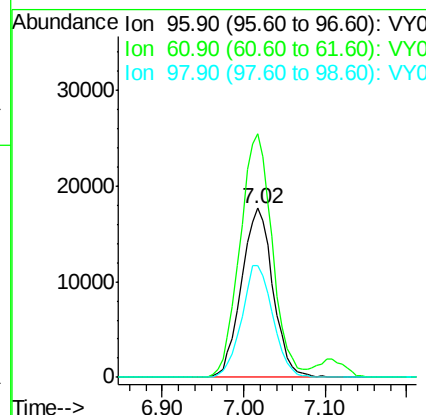
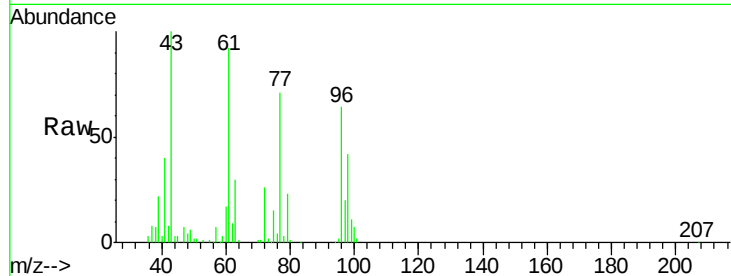




#27
 cis-1,2-Dichloroethene
 Concen: 20.53 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

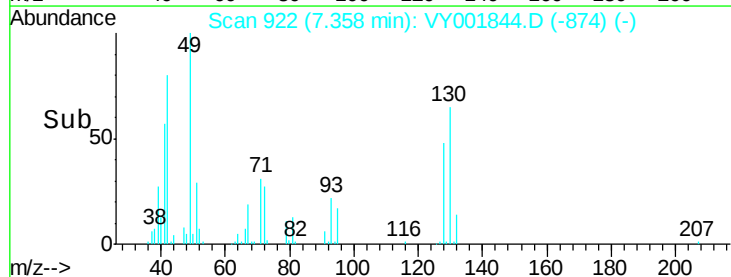
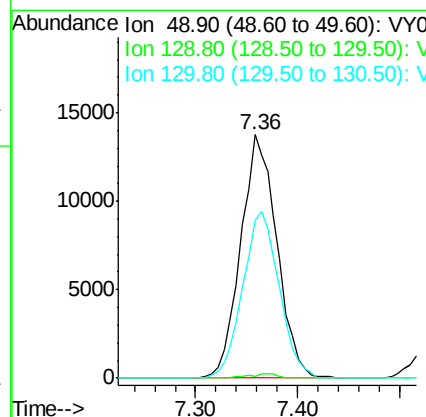
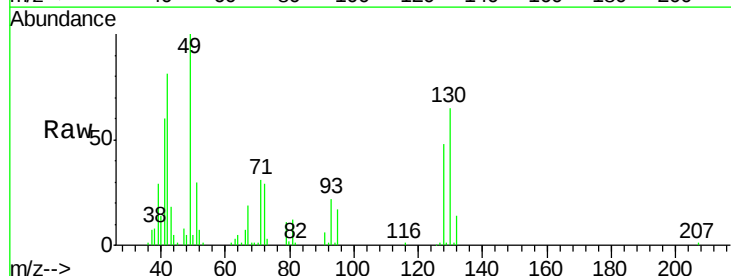
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

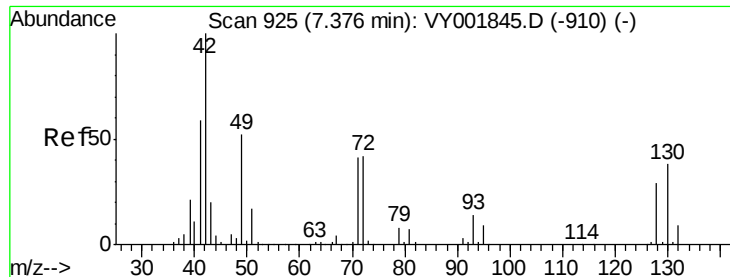
Tgt Ion: 96 Resp: 47572
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 288.2
 98 65.1 0.0 129.0



#28
 Bromochloromethane
 Concen: 20.07 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 49 Resp: 33821
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 68.9 54.4 81.6

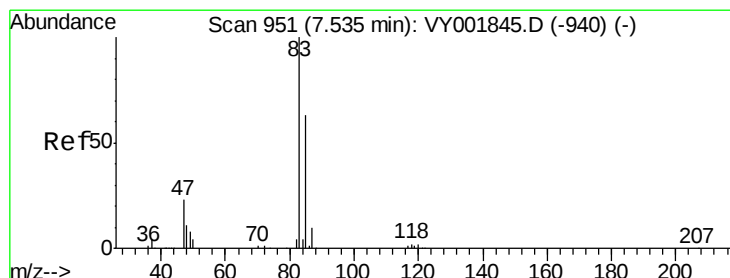
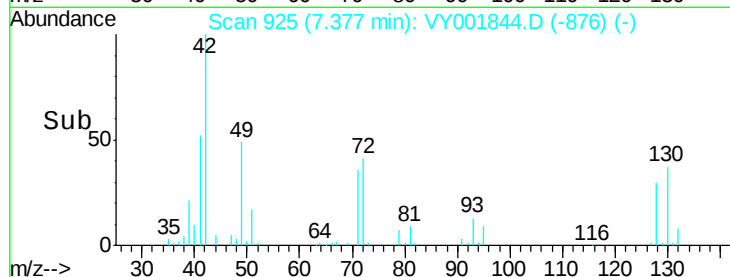
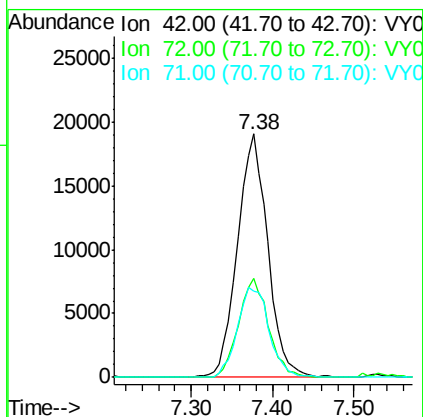
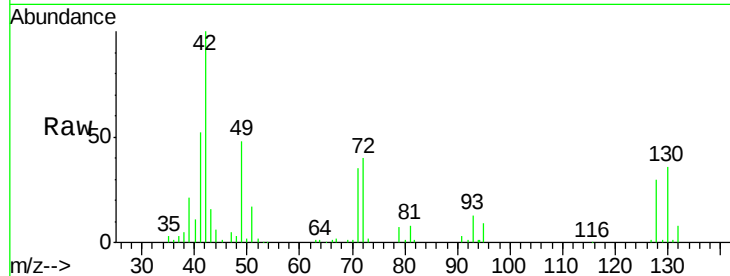




#29
Tetrahydrofuran
Concen: 92.63 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

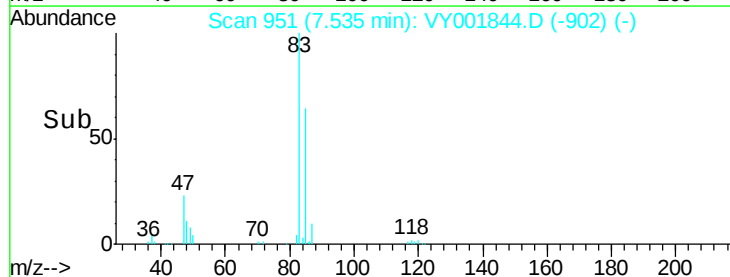
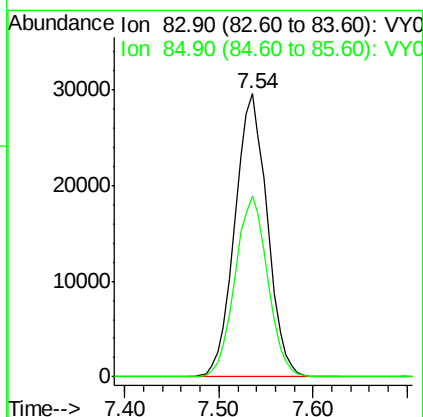
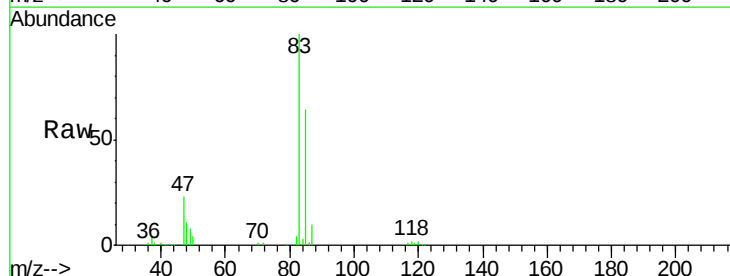
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

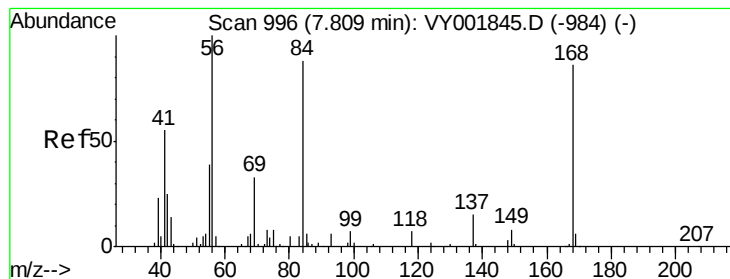
Tgt Ion: 42 Resp: 49272
Ion Ratio Lower Upper
42 100
72 39.8 33.5 50.3
71 38.6 31.3 46.9



#30
Chloroform
Concen: 20.37 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 83 Resp: 71122
Ion Ratio Lower Upper
83 100
85 63.8 50.7 76.1





#31

Cyclohexane

Concen: 20.60 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

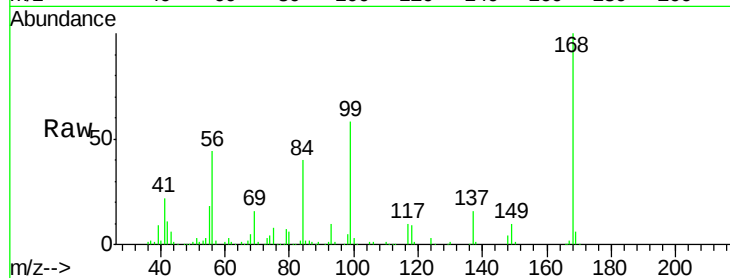
Tgt Ion: 56 Resp: 81796

Ion Ratio Lower Upper

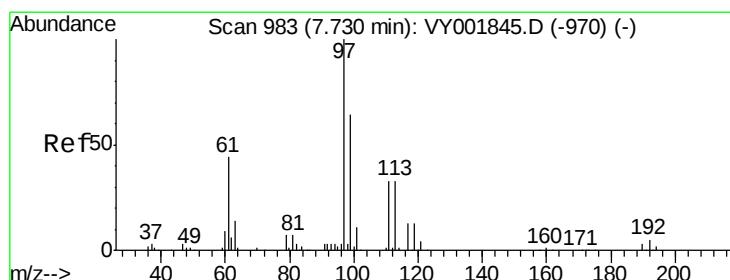
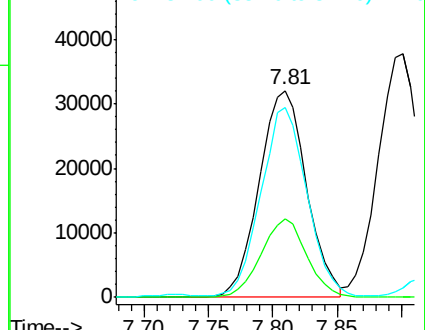
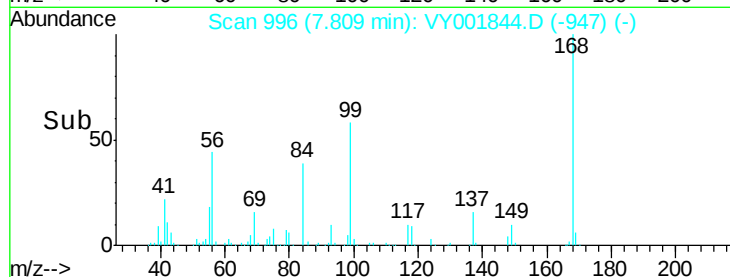
56 100

69 37.6 26.7 40.1

84 90.5 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY001844.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 20.48 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

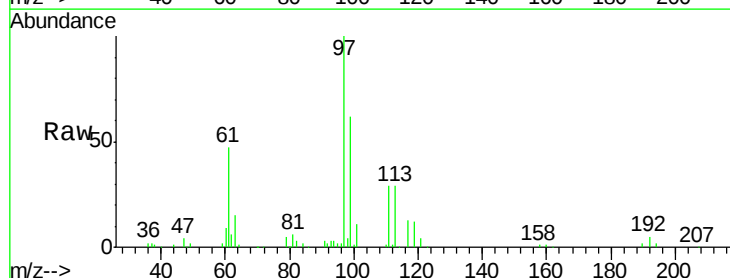
Tgt Ion: 97 Resp: 60422

Ion Ratio Lower Upper

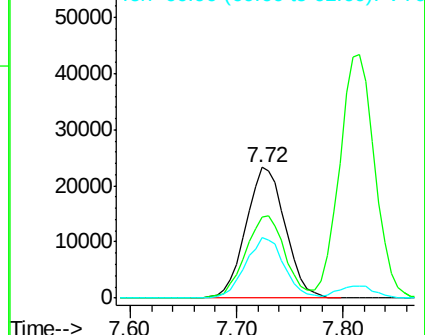
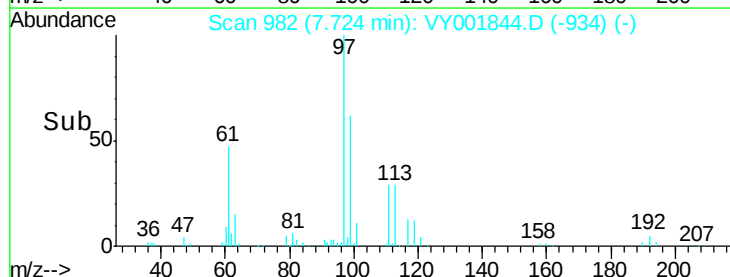
97 100

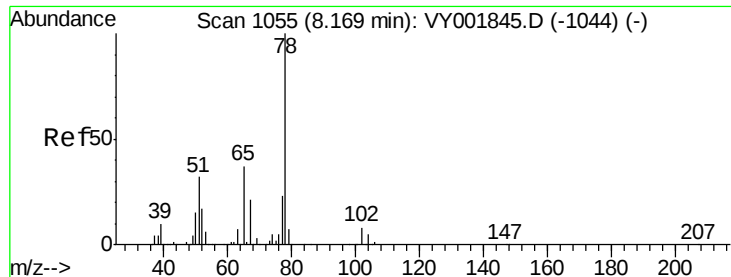
99 63.6 52.0 78.0

61 45.5 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VY001844.D (-934) (-)

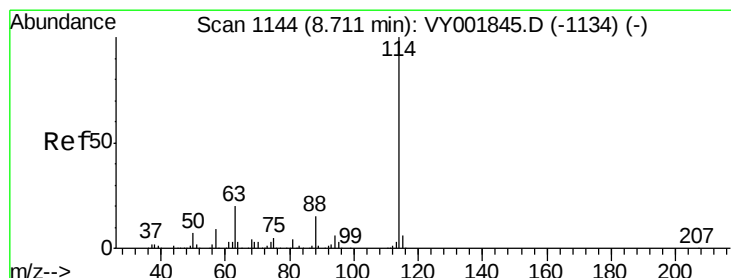
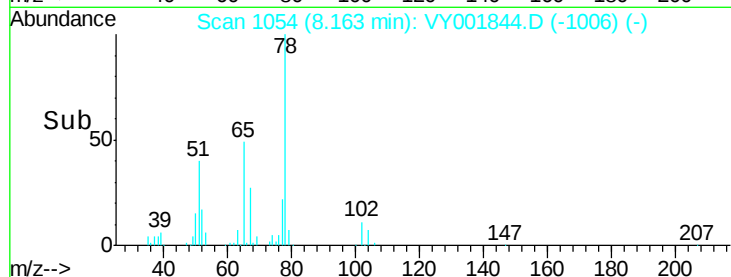
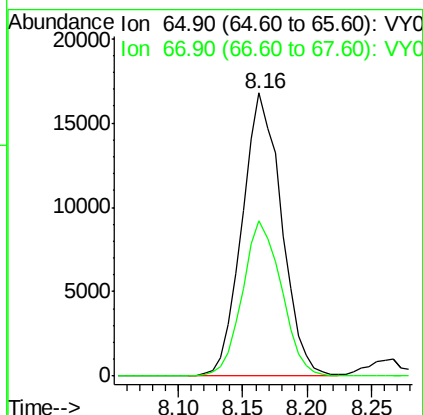
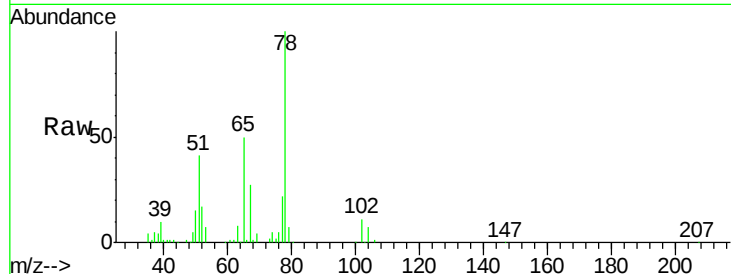




#33
 1,2-Dichloroethane-d4
 Concen: 19.36 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

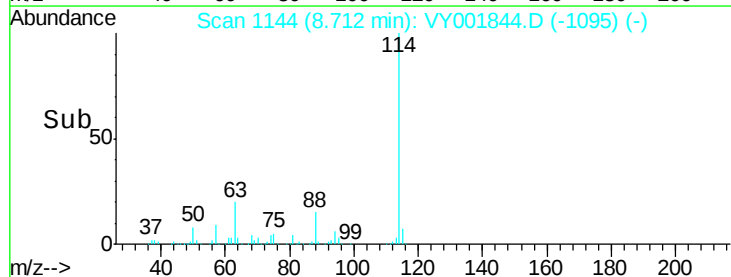
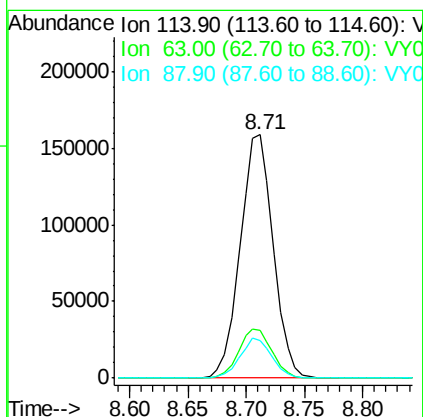
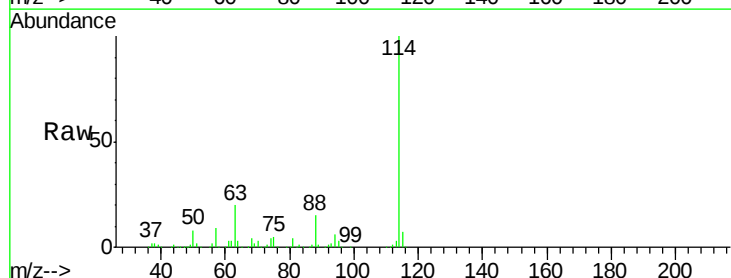
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

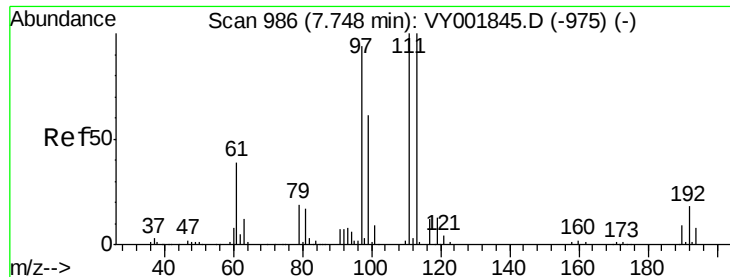
Tgt Ion: 65 Resp: 35568
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 114 Resp: 313647
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 30.4

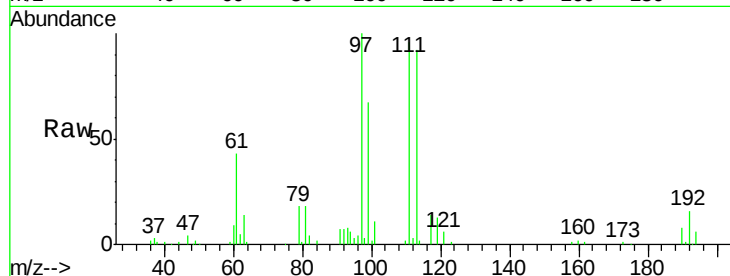




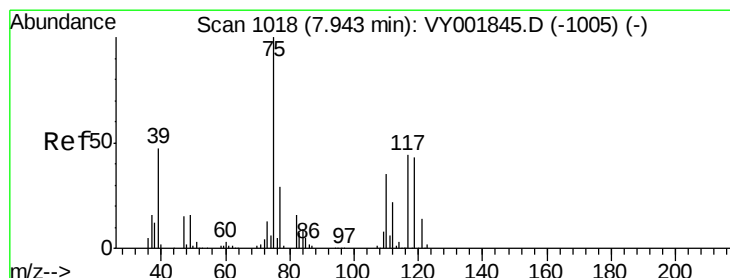
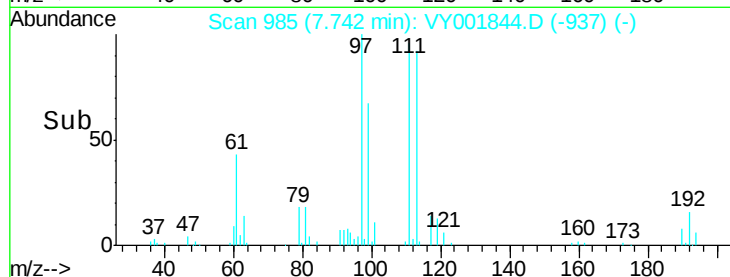
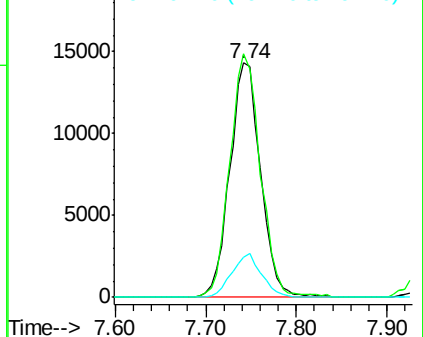
#35
 Dibromofluoromethane
 Concen: 19.66 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:113 Resp: 33684
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 18.1 14.2 21.2

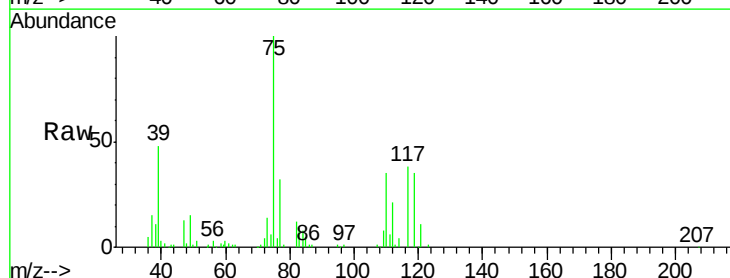


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

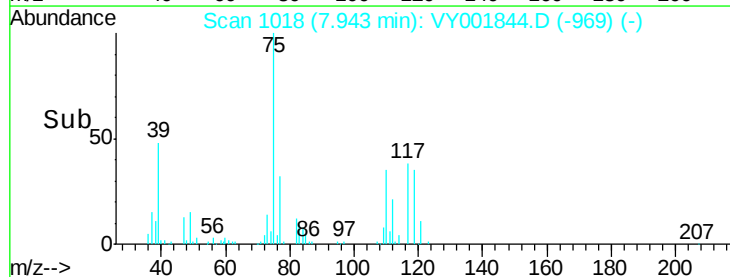
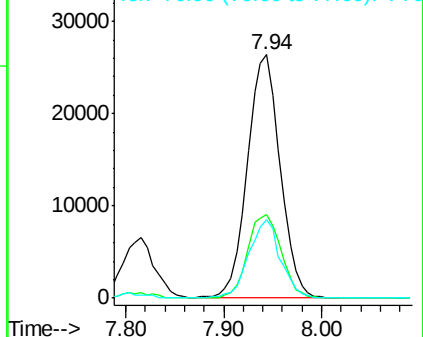


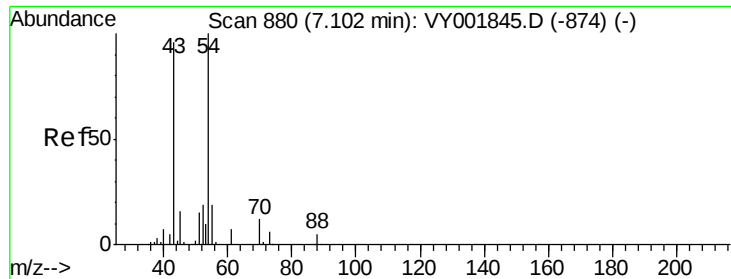
#36
 1,1-Dichloropropene
 Concen: 20.83 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 75 Resp: 61379
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.4 52.2
 77 31.2 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

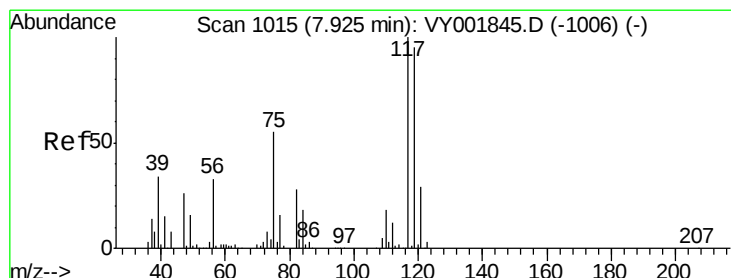
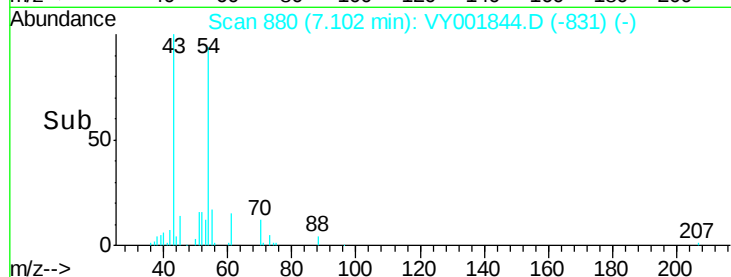
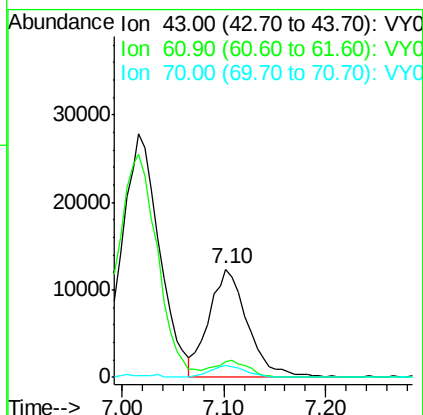
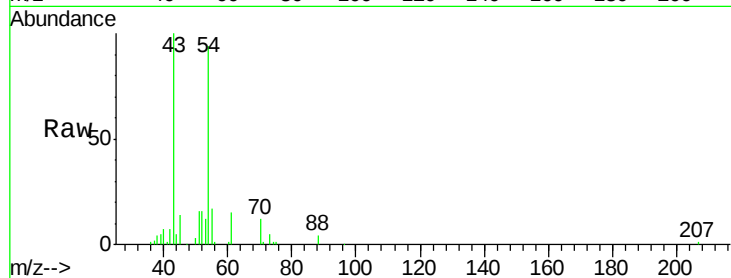




#37
Ethyl Acetate
Concen: 18.65 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

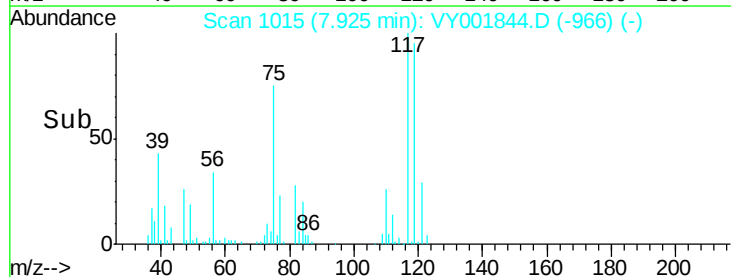
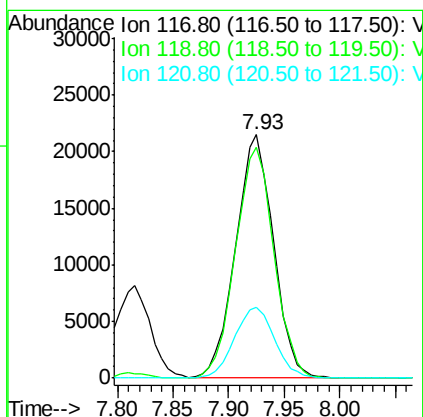
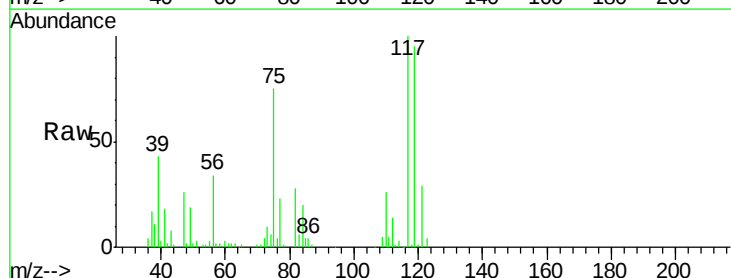
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

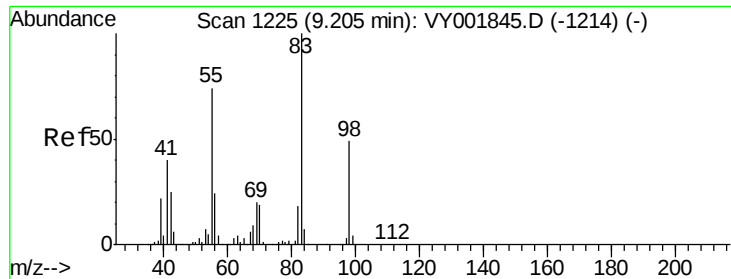
Tgt Ion: 43 Resp: 32726
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.22 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 117 Resp: 50984
Ion Ratio Lower Upper
117 100
119 94.8 76.3 114.5
121 28.9 23.5 35.3

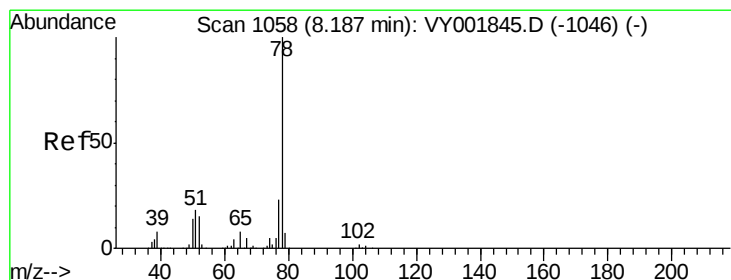
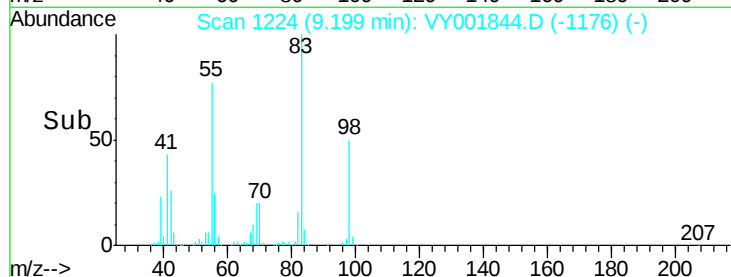
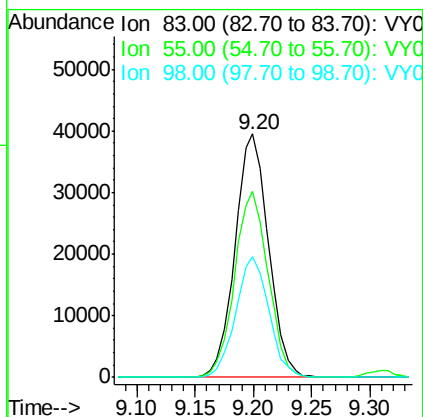
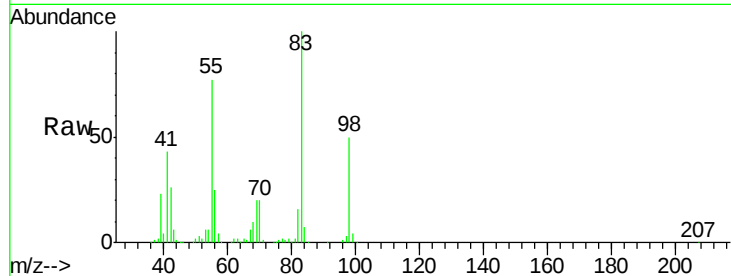




#39
Methylcyclohexane
Concen: 20.03 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

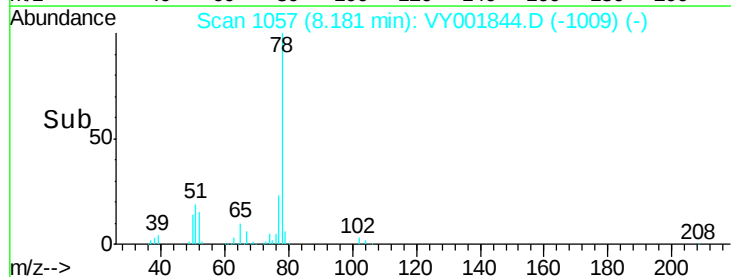
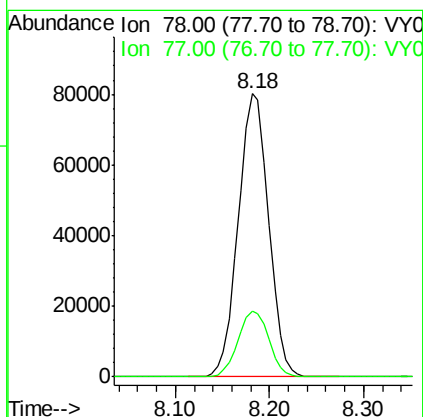
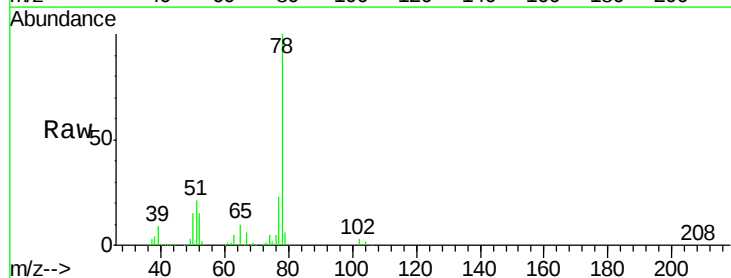
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

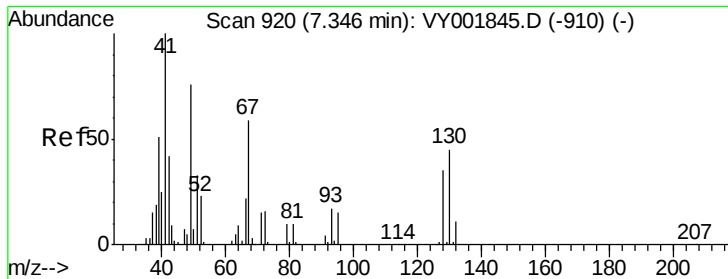
Tgt Ion: 83 Resp: 78859
Ion Ratio Lower Upper
83 100
55 76.6 59.4 89.0
98 49.7 38.9 58.3



#40
Benzene
Concen: 20.50 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 78 Resp: 179563
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#41

Methacrylonitrile

Concen: 20.84 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 43264

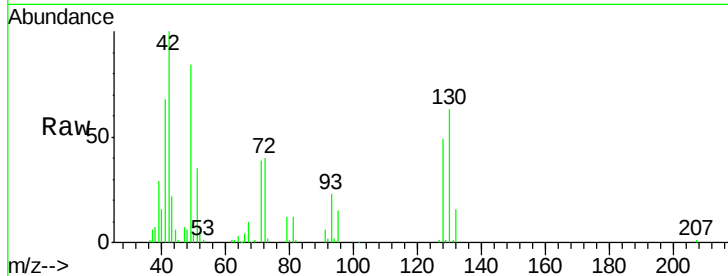
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

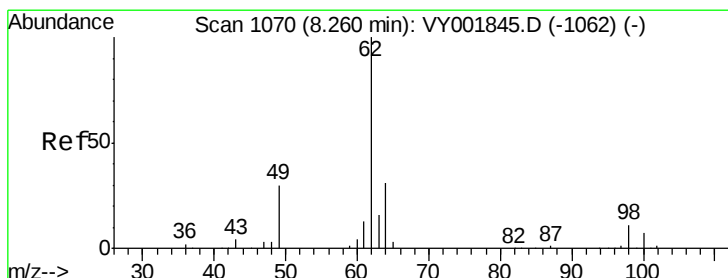
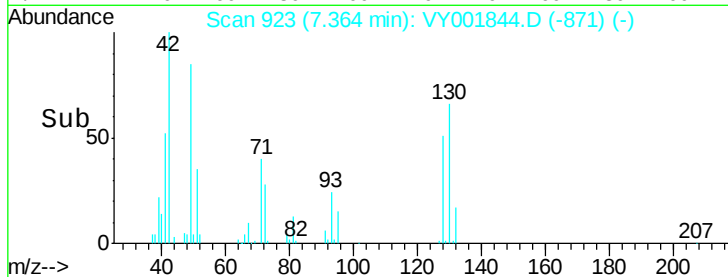
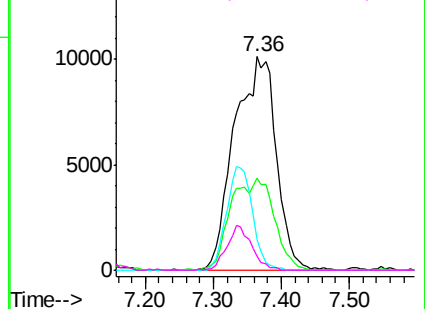


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 20.25 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001844.D

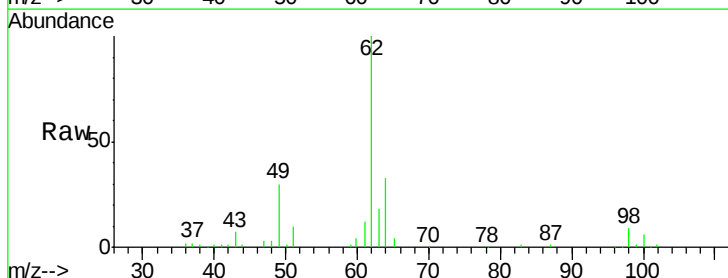
Acq: 04 Mar 2020 11:11

Tgt Ion: 62 Resp: 45767

Ion Ratio Lower Upper

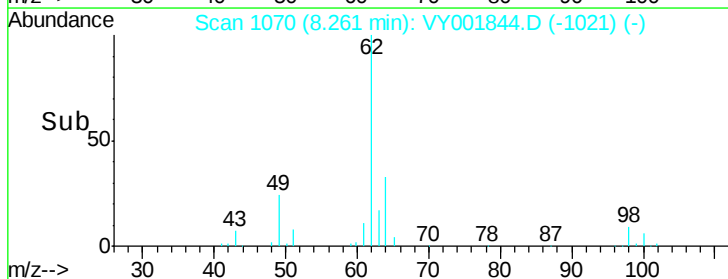
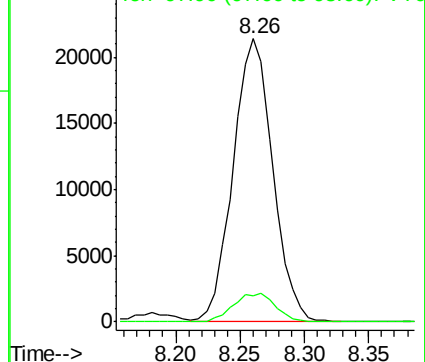
62 100

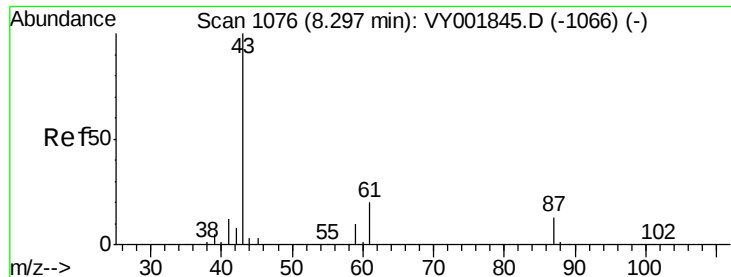
98 10.8 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 18.61 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

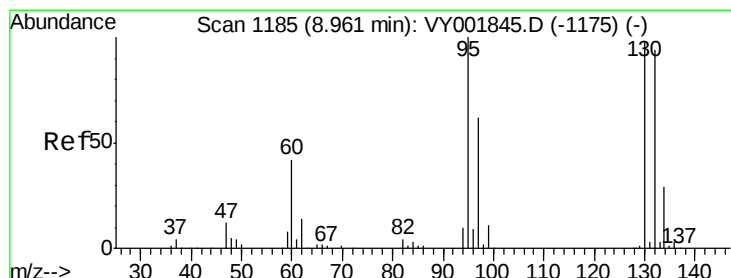
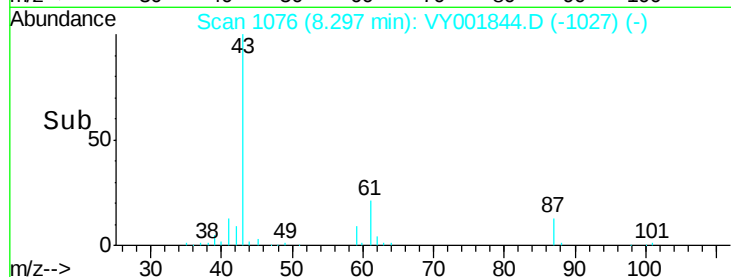
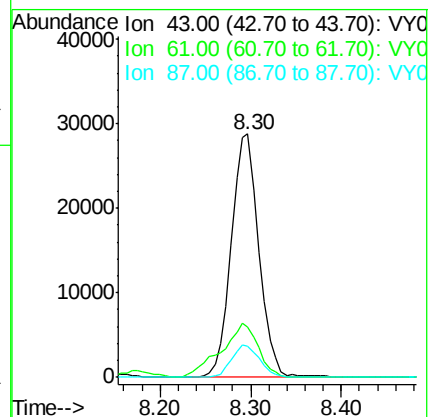
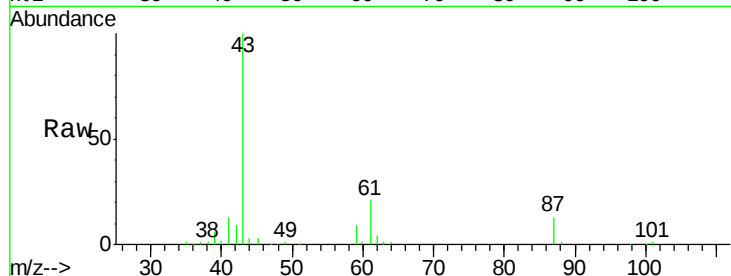
Tgt Ion: 43 Resp: 60744

Ion Ratio Lower Upper

43 100

61 29.8 23.8 35.6

87 13.5 10.9 16.3



#44

Trichloroethene

Concen: 20.55 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001844.D

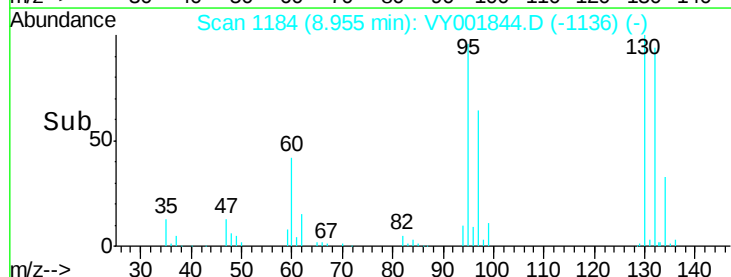
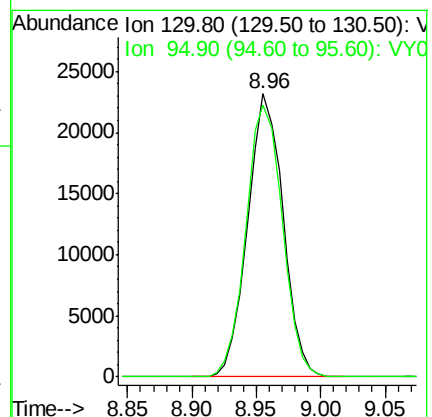
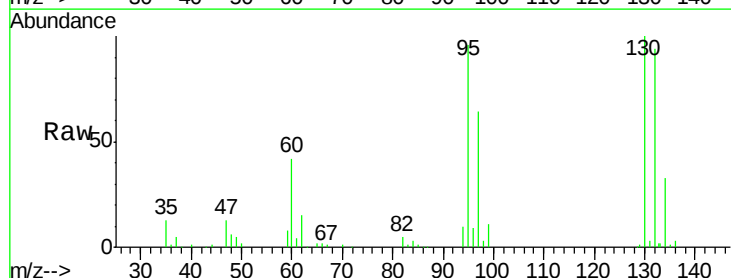
Acq: 04 Mar 2020 11:11

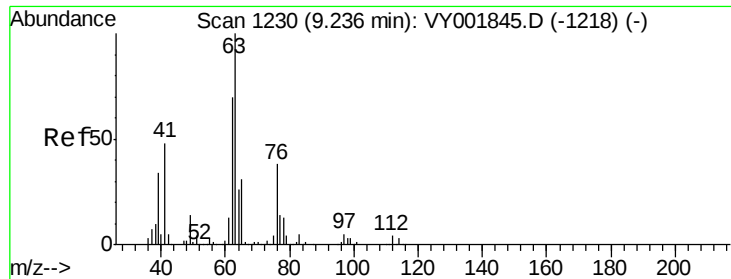
Tgt Ion: 130 Resp: 43940

Ion Ratio Lower Upper

130 100

95 96.2 0.0 204.6

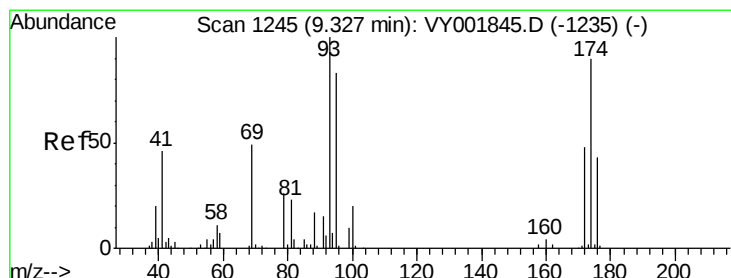
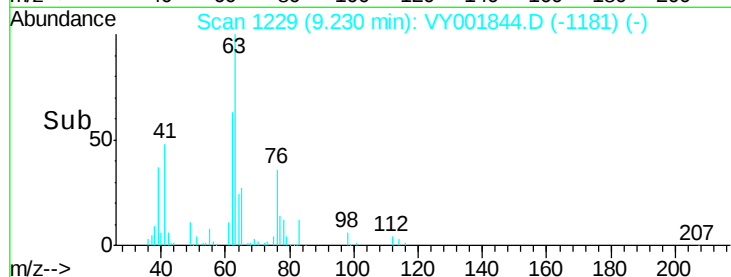
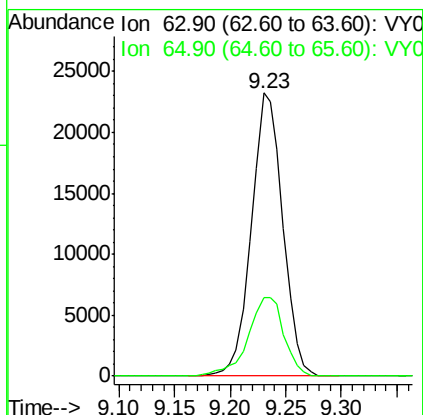
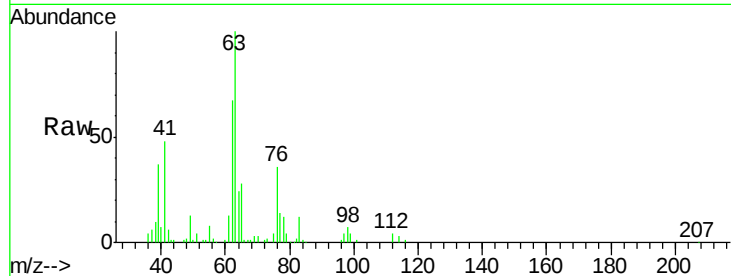




#45
 1,2-Dichloropropane
 Concen: 20.60 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

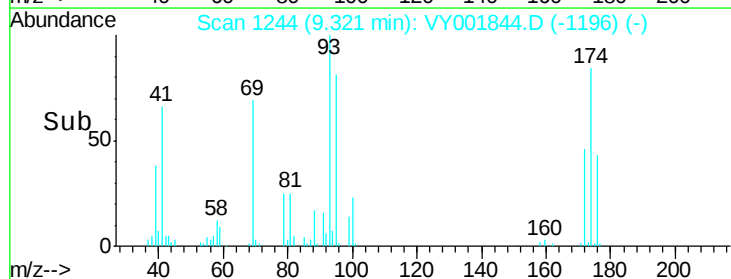
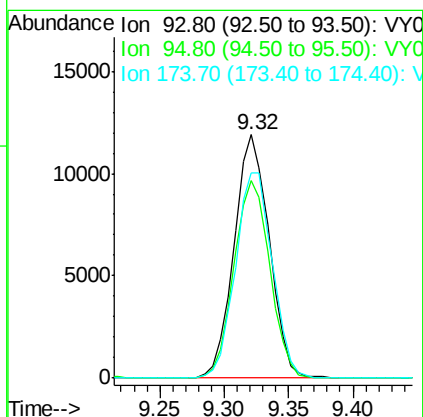
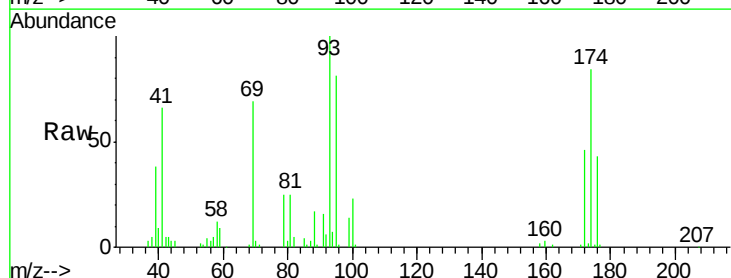
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

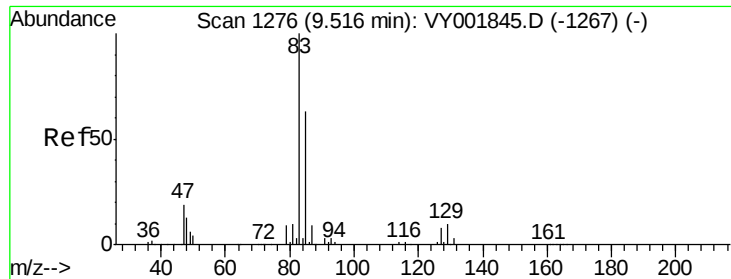
Tgt Ion: 63 Resp: 45518
 Ion Ratio Lower Upper
 63 100
 65 27.6 24.9 37.3



#46
 Dibromomethane
 Concen: 19.64 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 93 Resp: 22491
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.4
 174 88.5 71.8 107.8





#47

Bromodichloromethane

Concen: 20.39 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

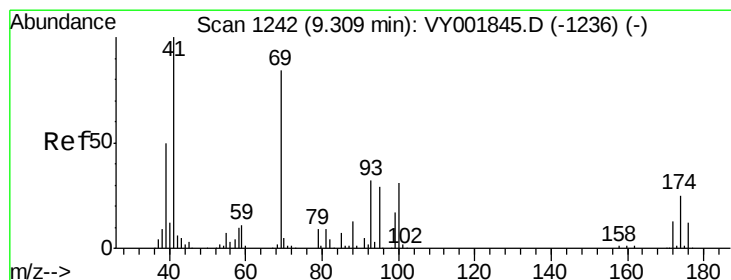
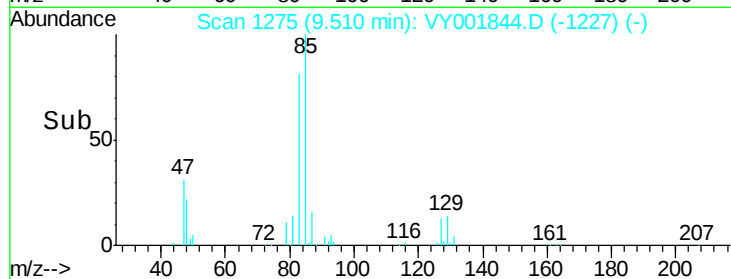
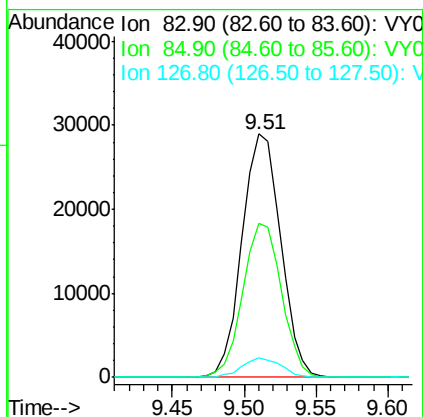
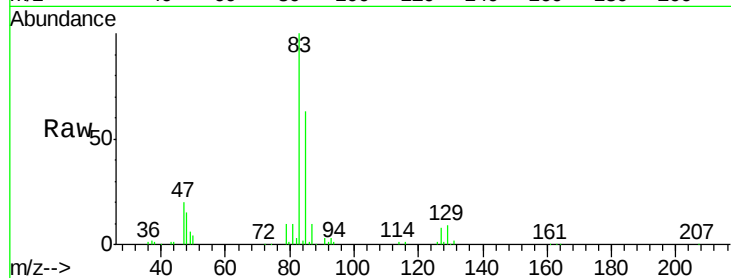
Tgt Ion: 83 Resp: 53970

Ion Ratio Lower Upper

83 100

85 63.2 50.6 76.0

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 18.73 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

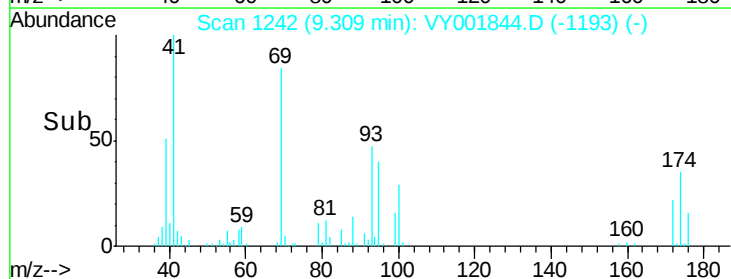
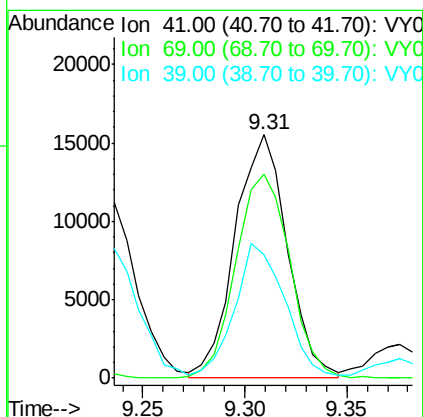
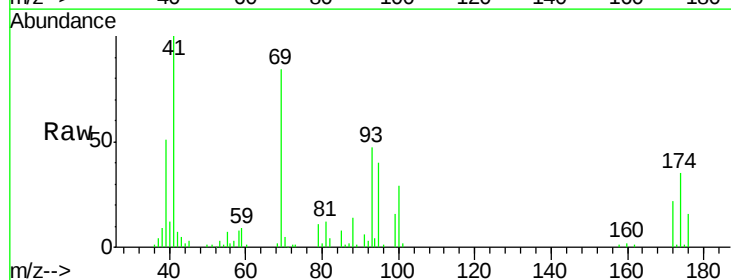
Tgt Ion: 41 Resp: 27707

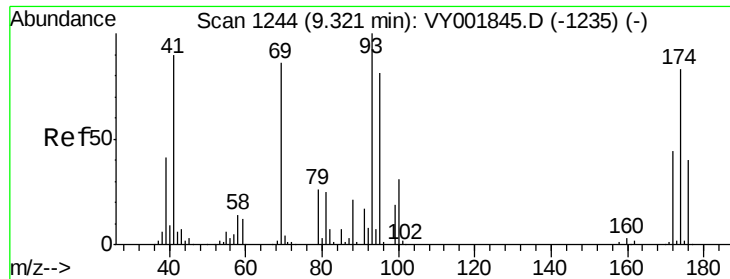
Ion Ratio Lower Upper

41 100

69 86.3 69.0 103.6

39 50.9 39.1 58.7

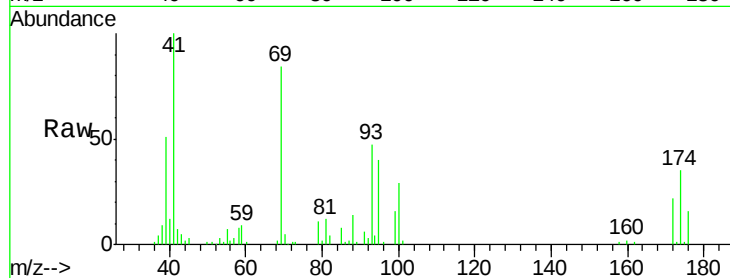




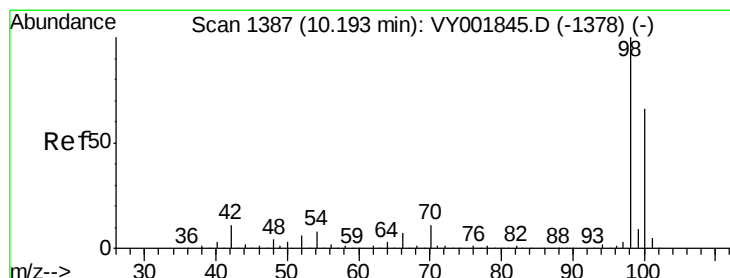
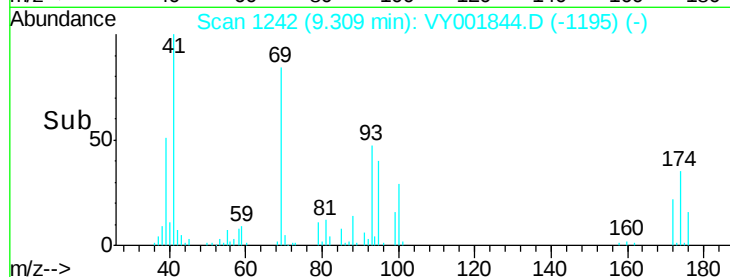
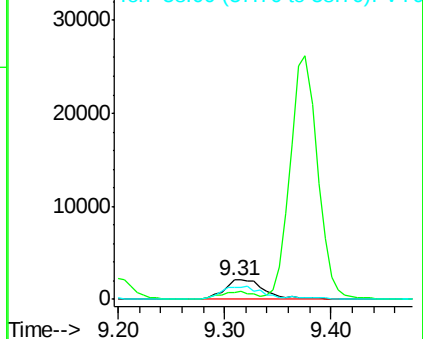
#49
 1,4-Dioxane
 Concen: 378.24 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 5711
 Ion Ratio Lower Upper
 88 100
 43 32.9 25.0 37.6
 58 65.6 58.9 88.3

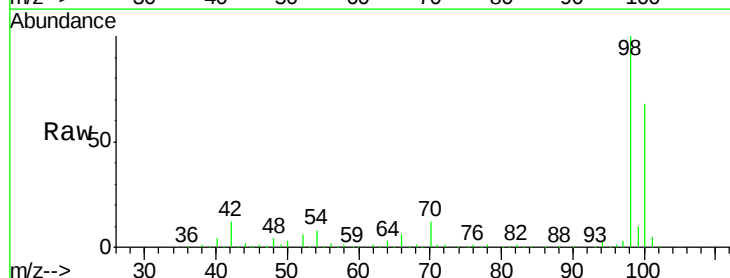


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

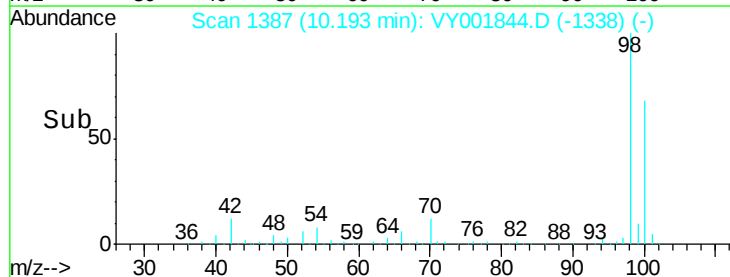
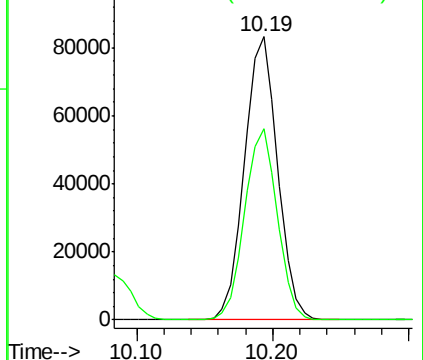


#50
 Toluene-d8
 Concen: 19.69 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 98 Resp: 142071
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 90.13 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

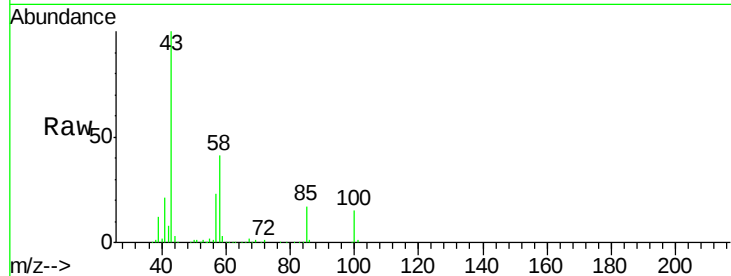
VSTDIC020

Tgt Ion: 43 Resp: 151566

Ion Ratio Lower Upper

43 100

58 39.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

80000

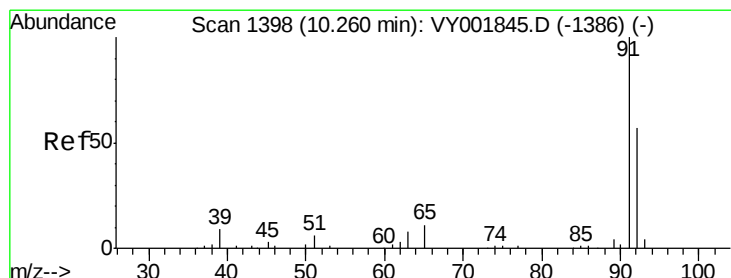
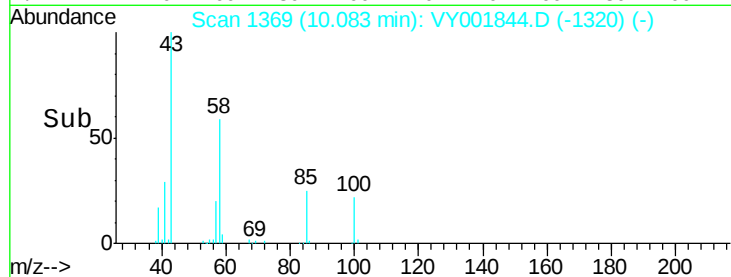
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.51 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001844.D

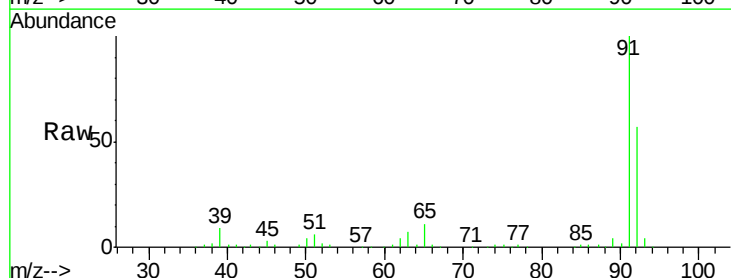
Acq: 04 Mar 2020 11:11

Tgt Ion: 92 Resp: 108899

Ion Ratio Lower Upper

92 100

91 175.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

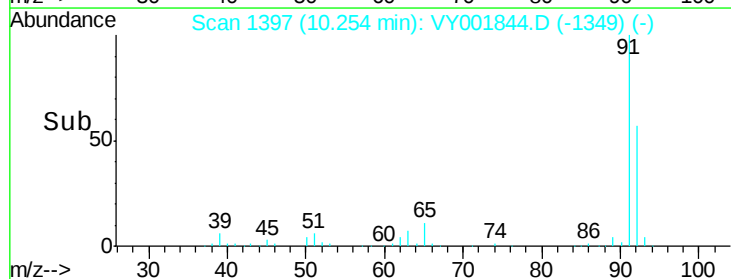
10.25

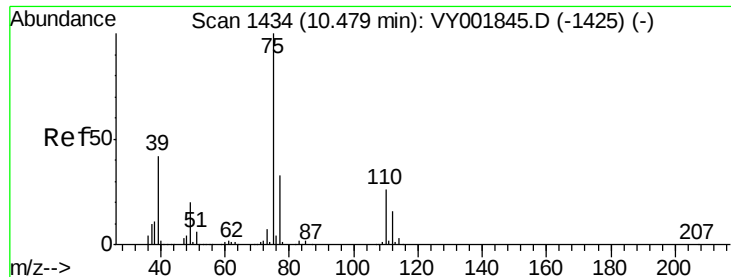
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

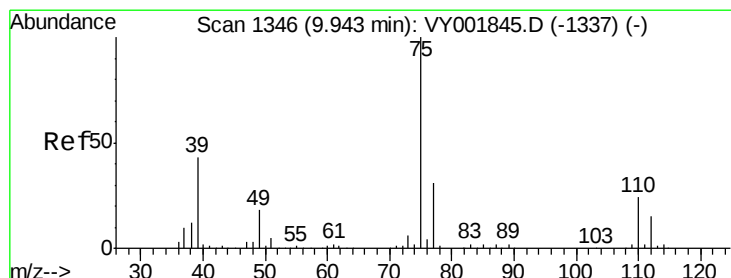
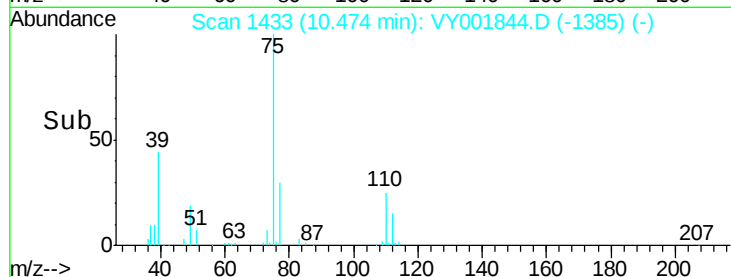
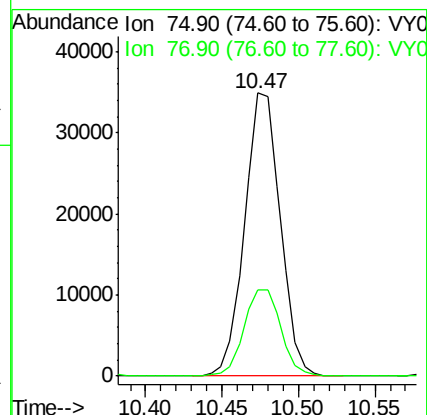
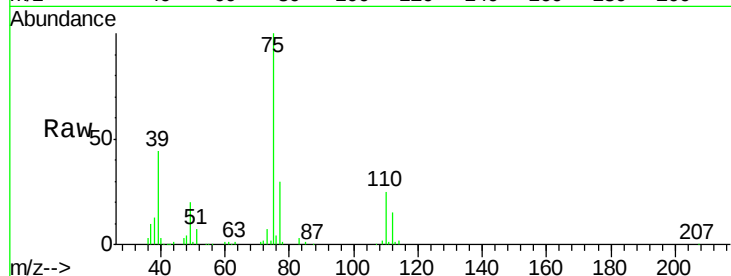
VSTDIC020

Tgt Ion: 75 Resp: 56436

Ion Ratio Lower Upper

75 100

77 30.5 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.03 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

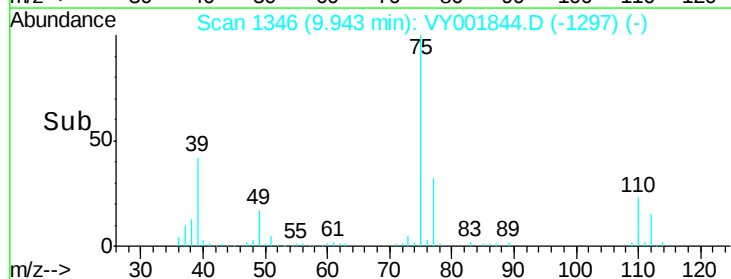
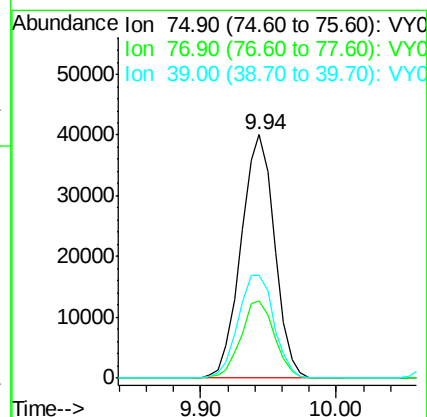
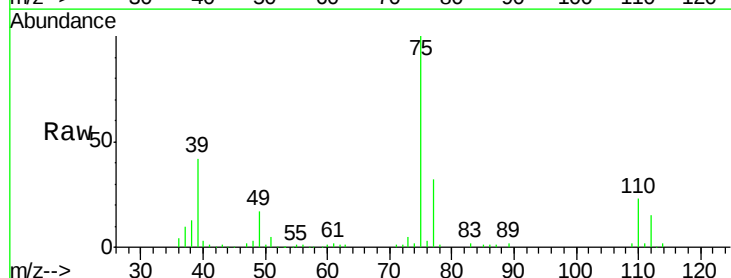
Tgt Ion: 75 Resp: 69006

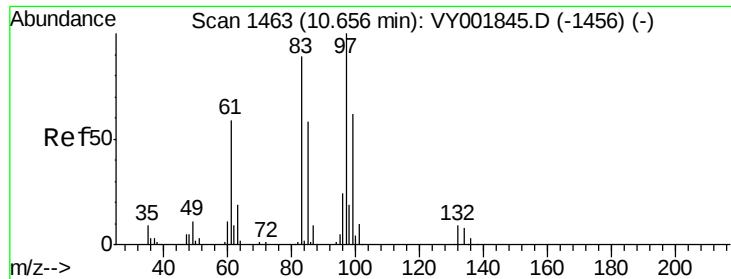
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 42.2 34.7 52.1

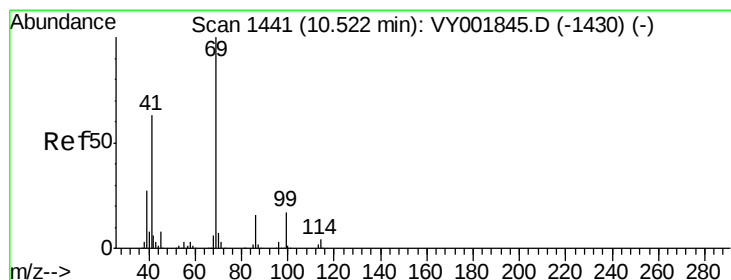
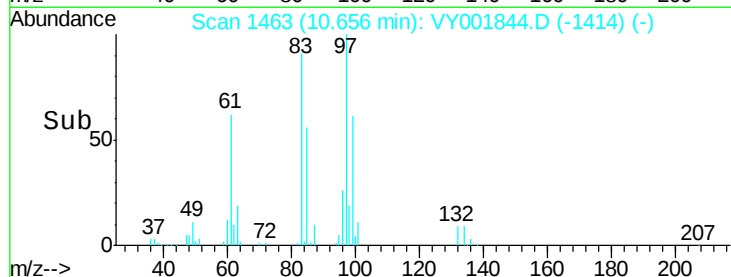
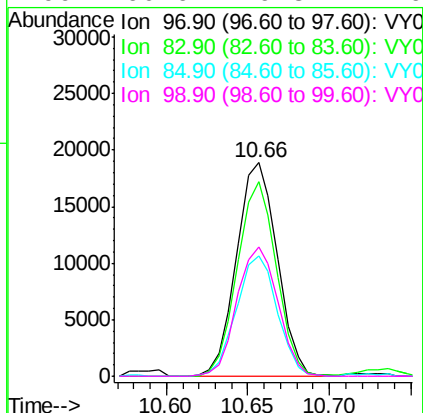
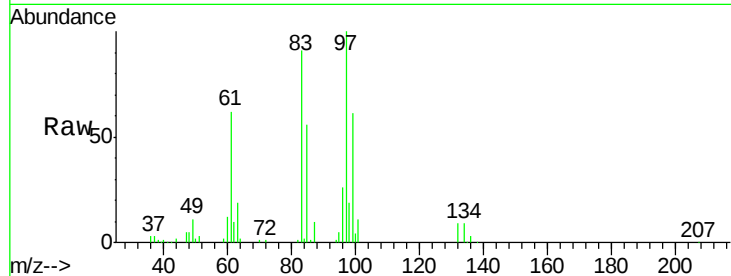




#55
 1,1,2-Trichloroethane
 Concen: 19.62 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

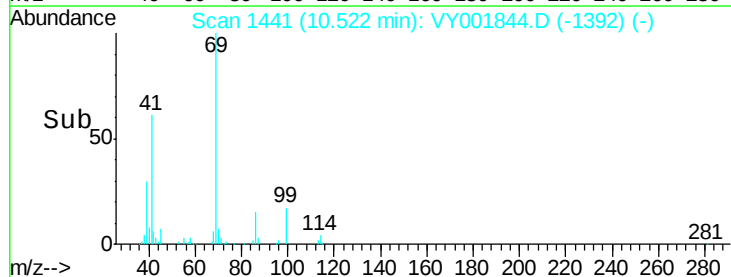
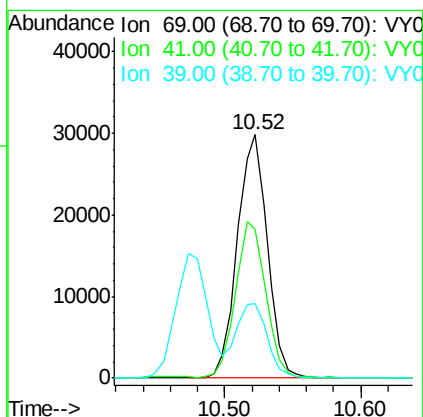
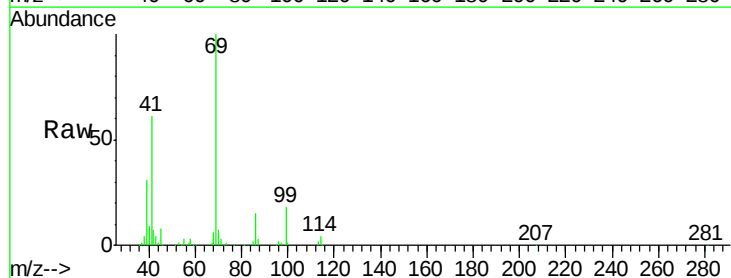
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

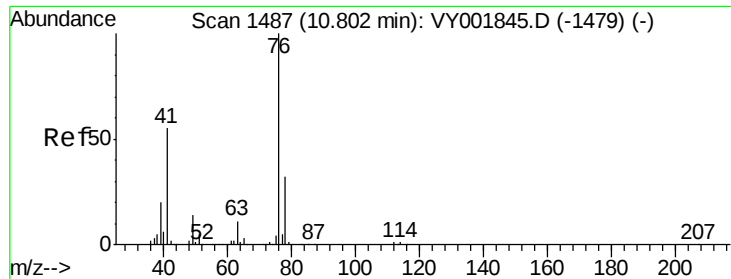
Tgt Ion: 97 Resp: 32782
 Ion Ratio Lower Upper
 97 100
 83 90.9 71.6 107.4
 85 56.1 46.6 69.8
 99 60.6 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 18.84 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 69 Resp: 45860
 Ion Ratio Lower Upper
 69 100
 41 65.2 49.9 74.9
 39 32.3 23.0 34.6

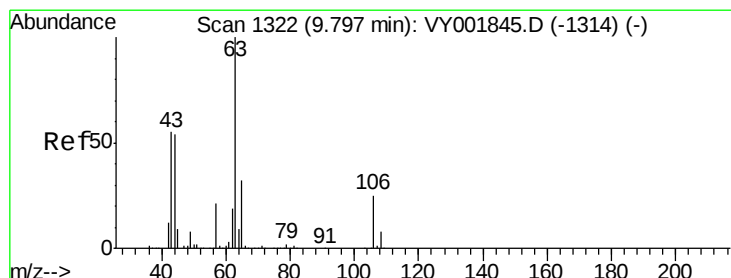
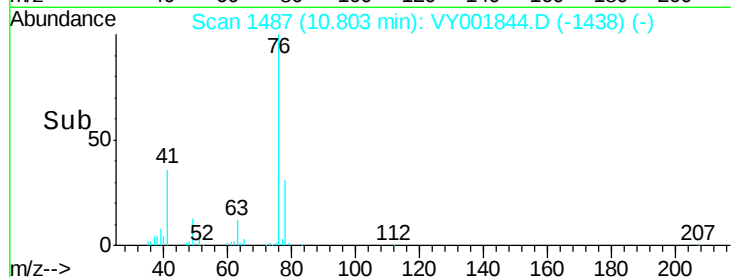
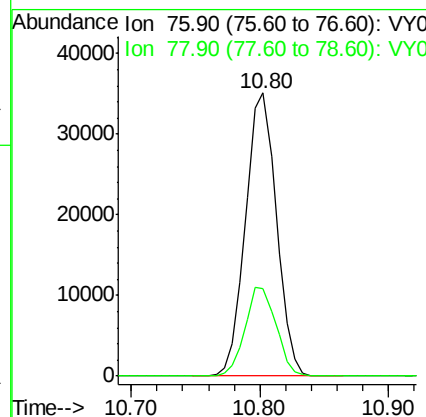
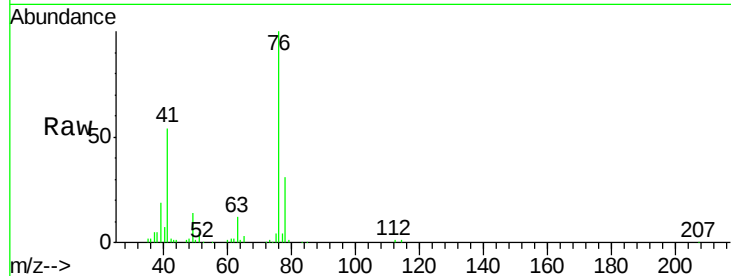




#57
 1,3-Dichloropropane
 Concen: 19.66 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

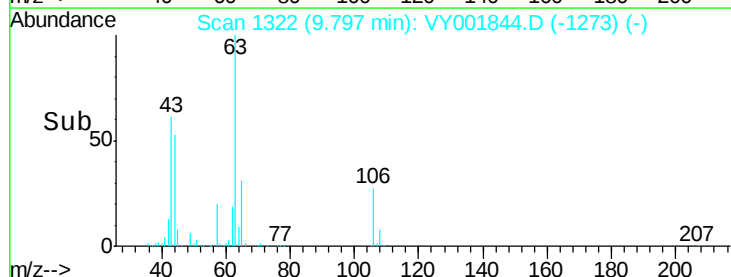
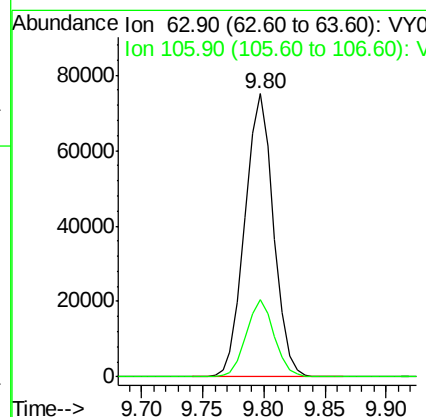
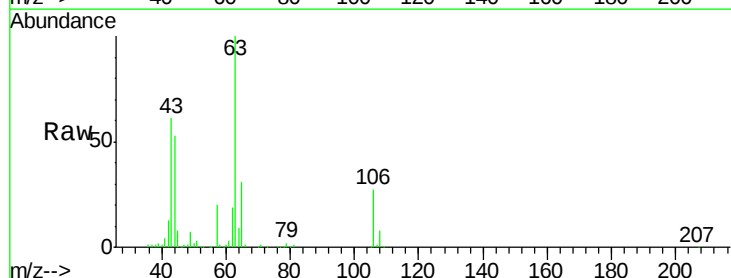
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

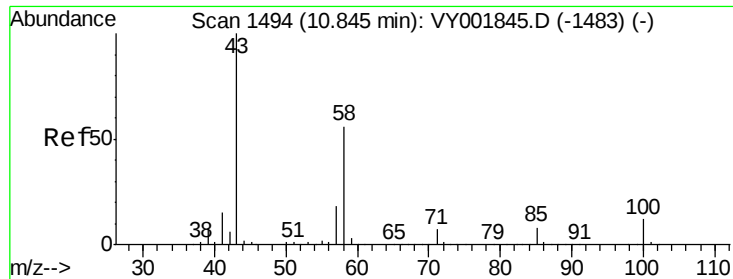
Tgt Ion: 76 Resp: 58184
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 123.58 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 63 Resp: 122055
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.3 31.9

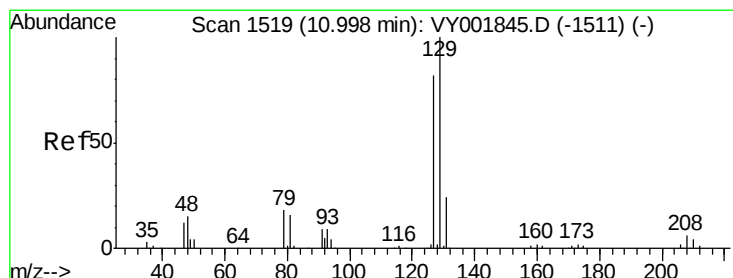
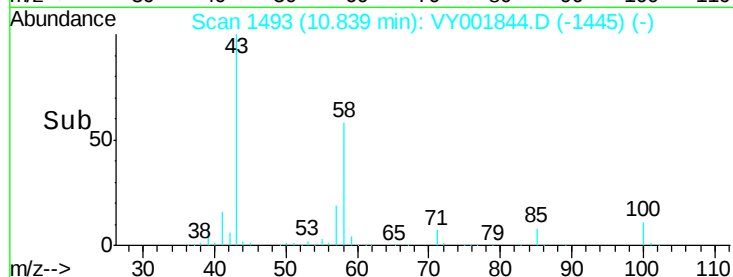
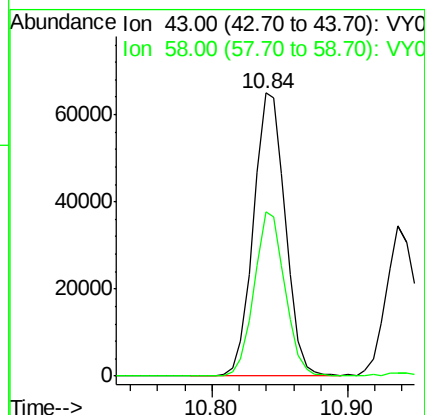
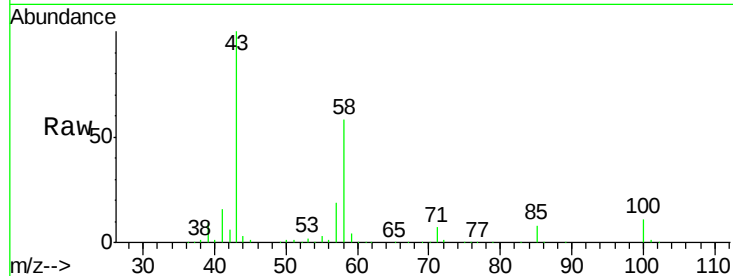




#59
2-Hexanone
Concen: 89.30 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

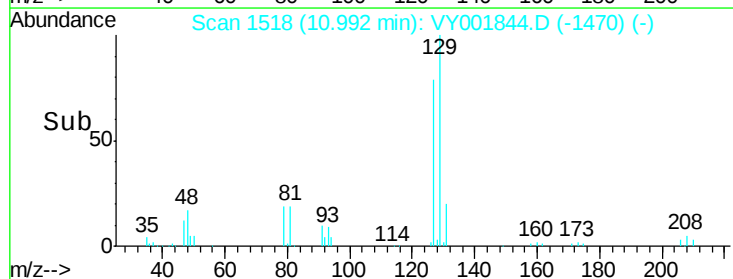
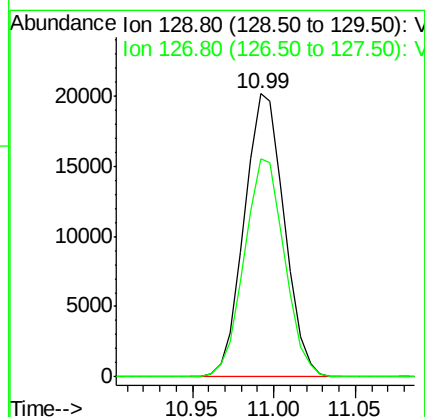
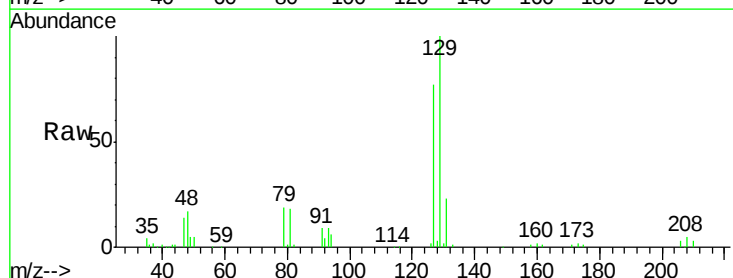
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 106771
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 19.53 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 129 Resp: 34299
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

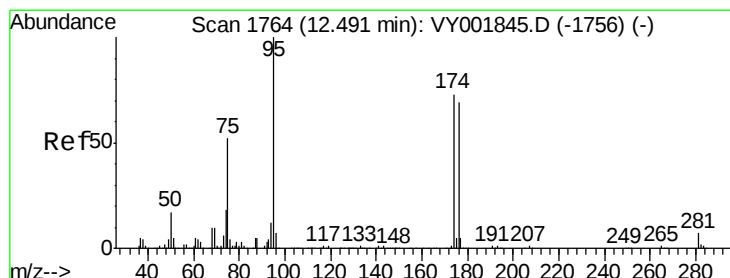
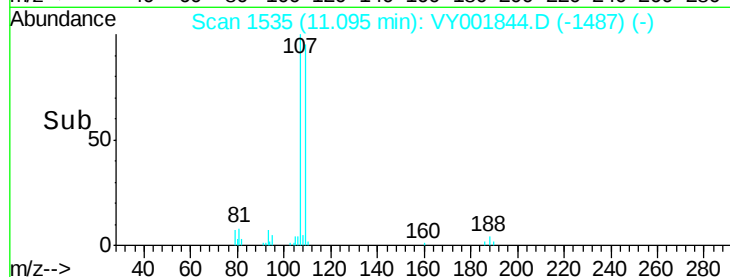
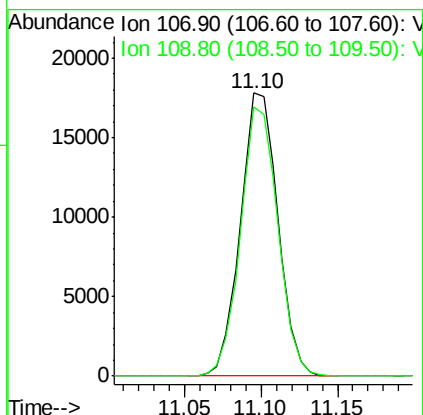
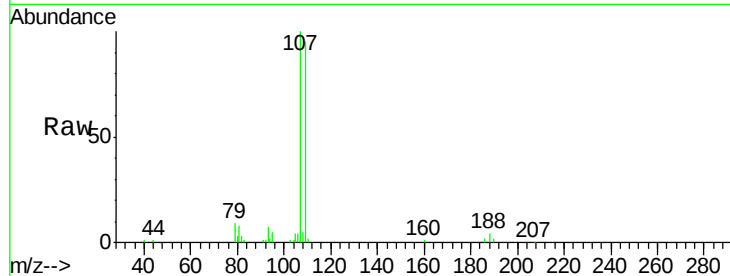




#61
 1,2-Dibromoethane
 Concen: 19.42 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

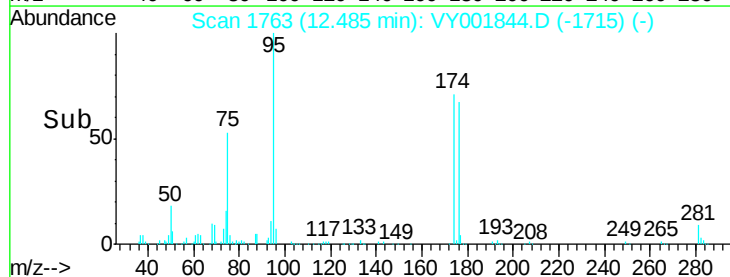
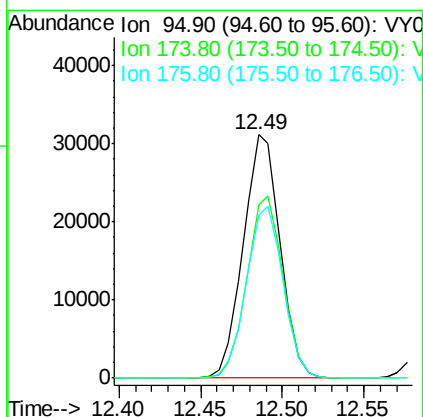
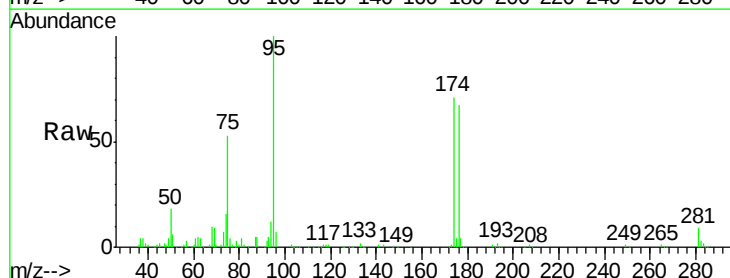
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 30327
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 19.52 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 95 Resp: 48866
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 145.0
 176 70.3 0.0 137.4

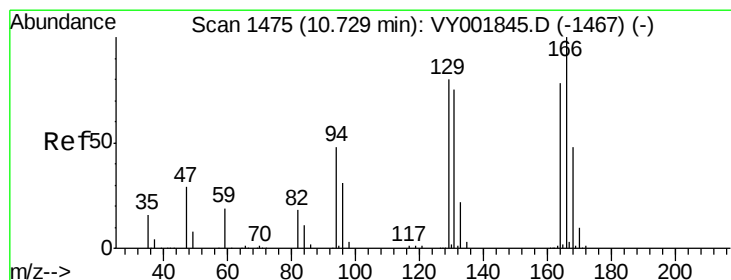
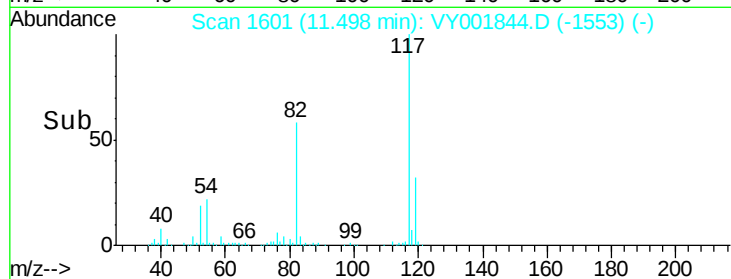
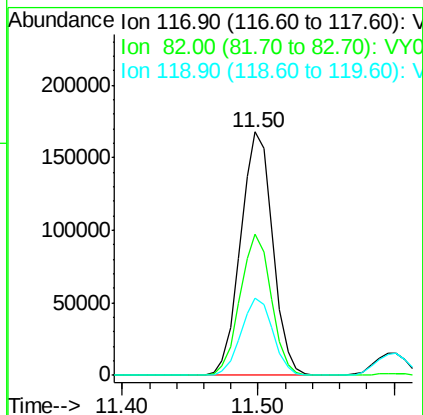
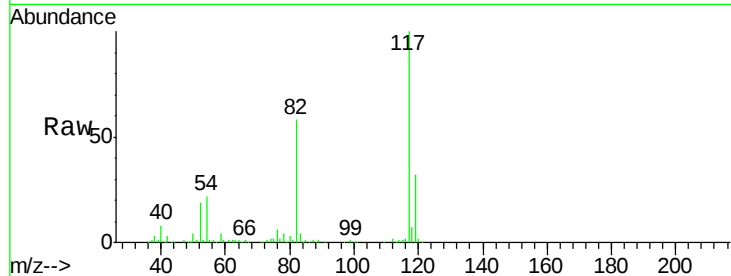




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

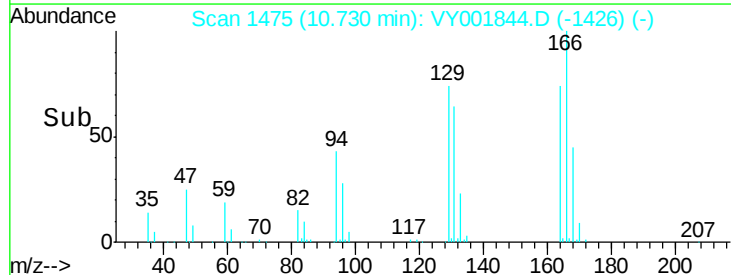
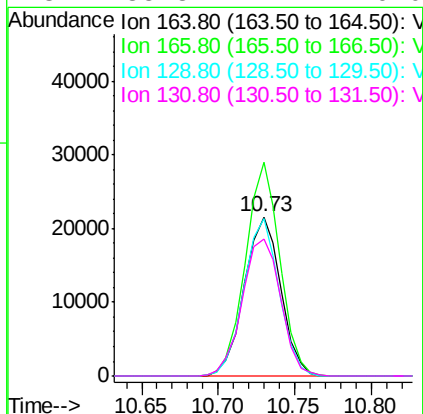
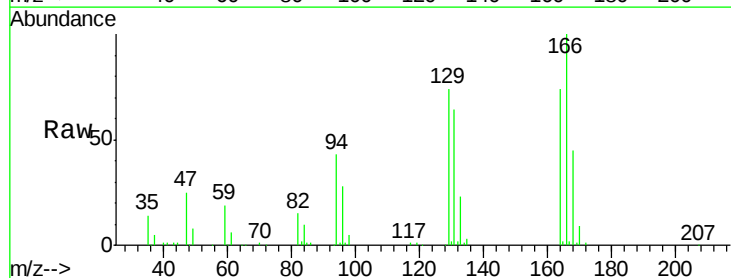
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

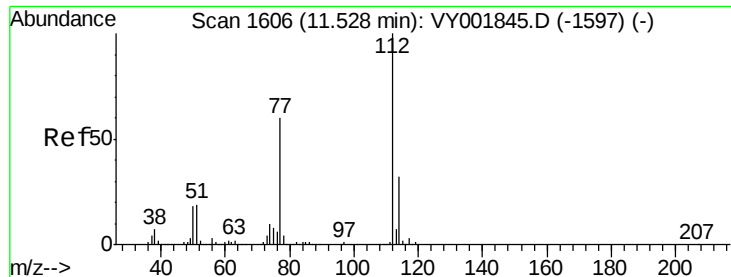
Tgt Ion:117 Resp: 276529
Ion Ratio Lower Upper
117 100
82 58.1 44.5 66.7
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 20.90 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion:164 Resp: 35647
Ion Ratio Lower Upper
164 100
166 134.2 102.6 154.0
129 98.7 82.3 123.5
131 85.8 77.4 116.0

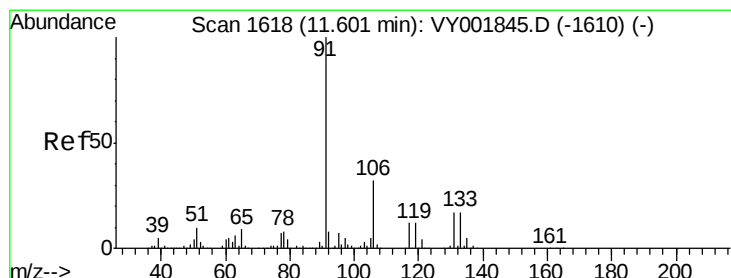
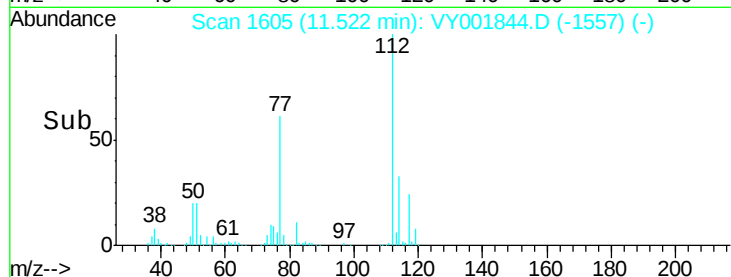
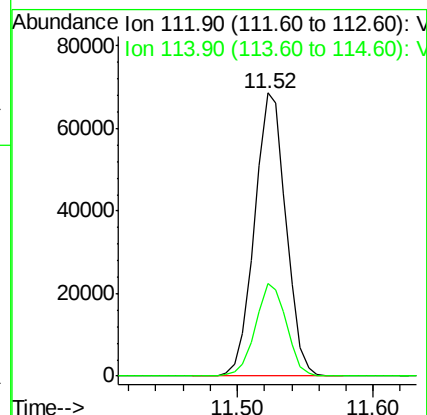
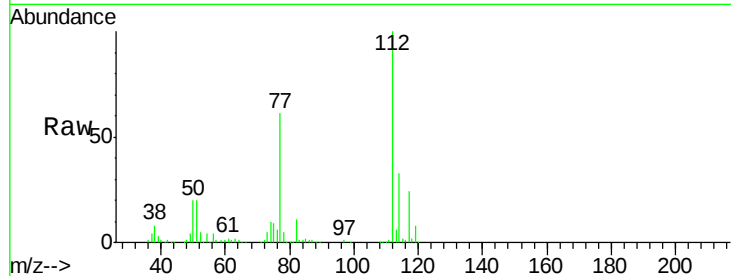




#65
Chlorobenzene
Concen: 20.60 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

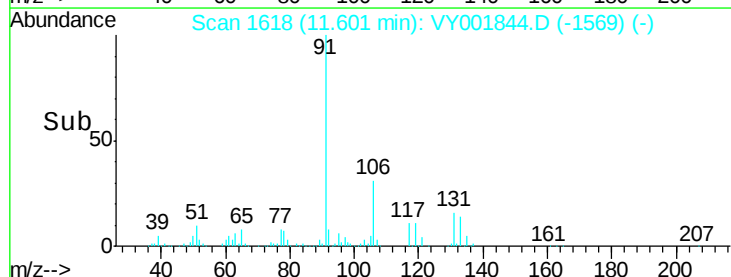
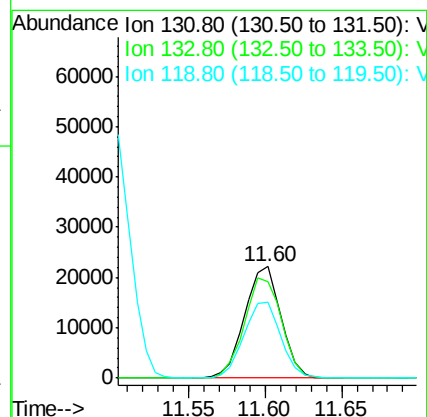
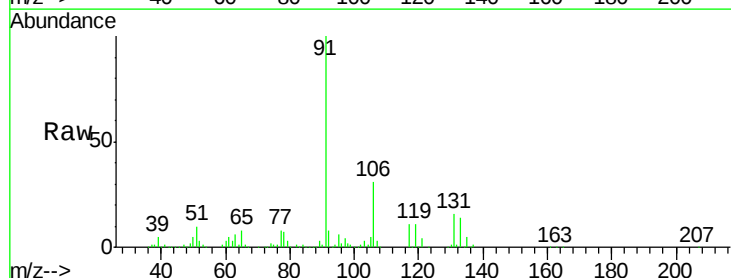
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

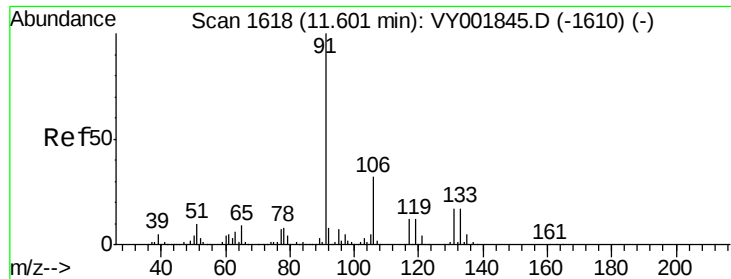
Tgt Ion:112 Resp: 111210
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.76 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion:131 Resp: 36542
Ion Ratio Lower Upper
131 100
133 92.0 47.1 141.3
119 69.0 34.5 103.6

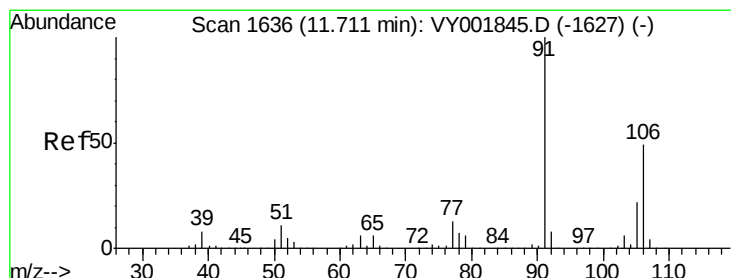
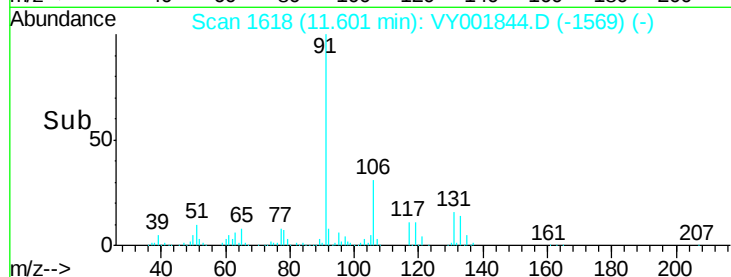
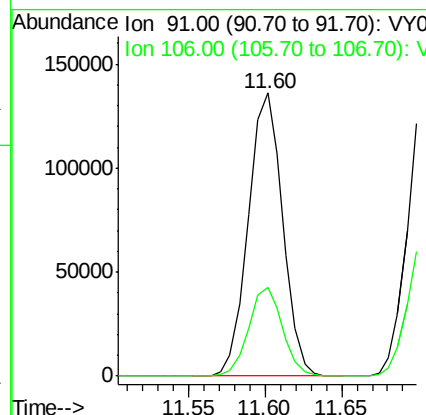
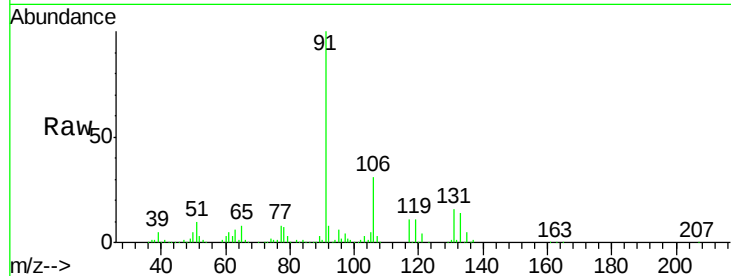




#67
Ethyl Benzene
Concen: 21.04 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

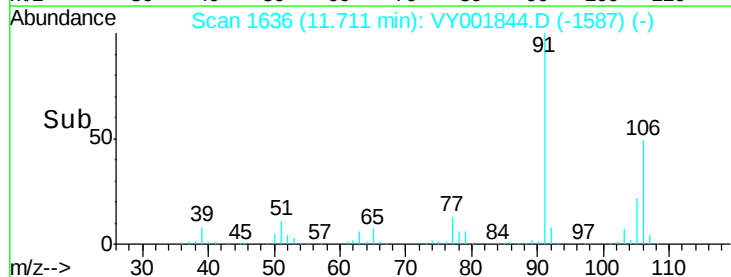
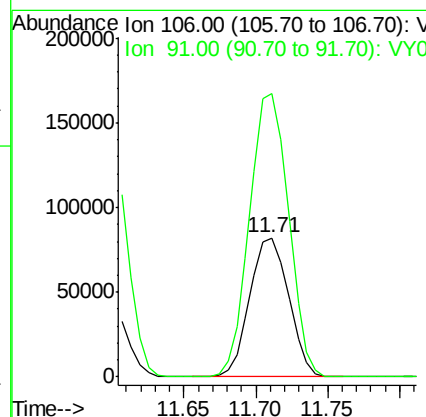
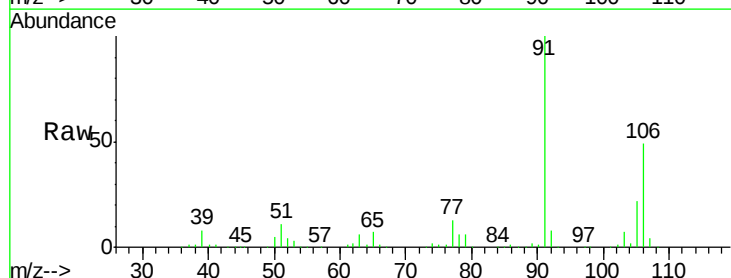
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

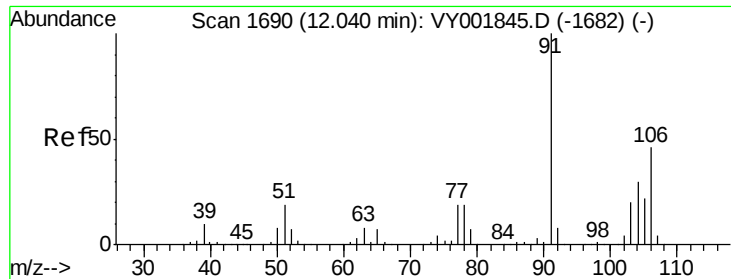
Tgt Ion: 91 Resp: 212282
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 41.29 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 106 Resp: 154161
Ion Ratio Lower Upper
106 100
91 203.8 161.3 241.9

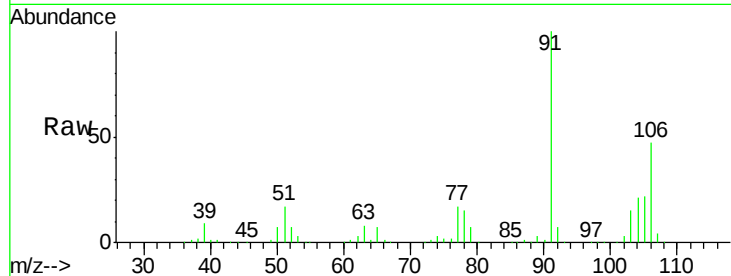




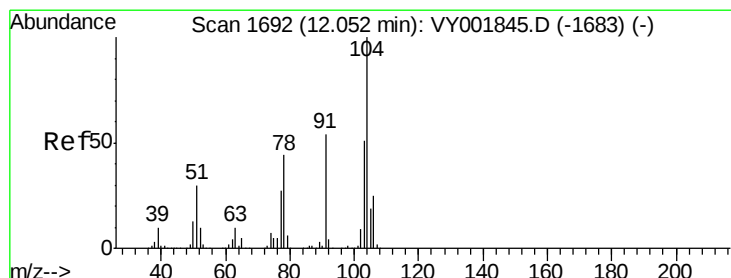
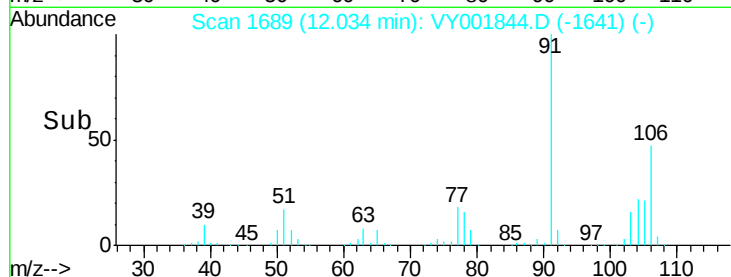
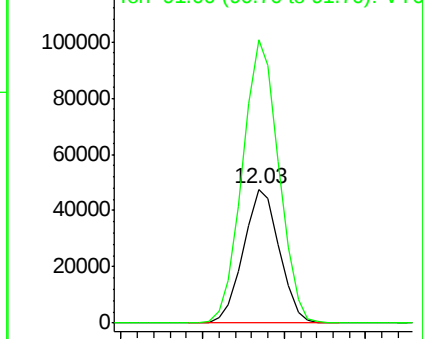
#69
o-Xylene
Concen: 20.89 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 73368
Ion Ratio Lower Upper
106 100
91 212.9 106.8 320.4

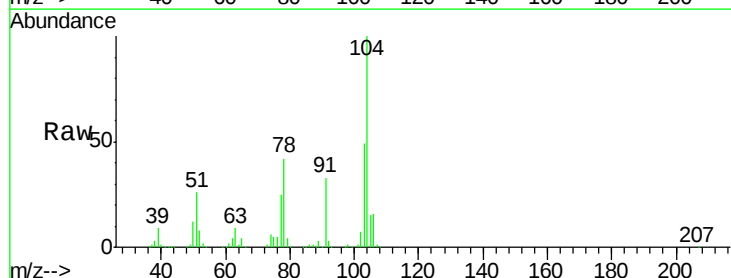


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

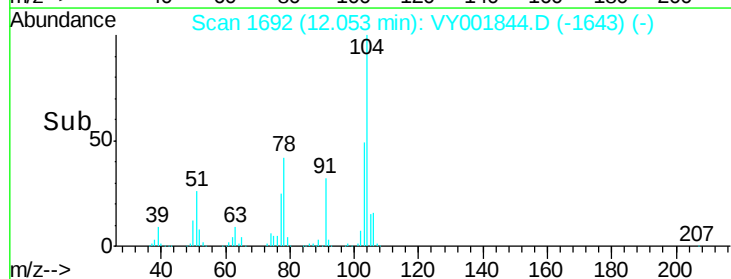
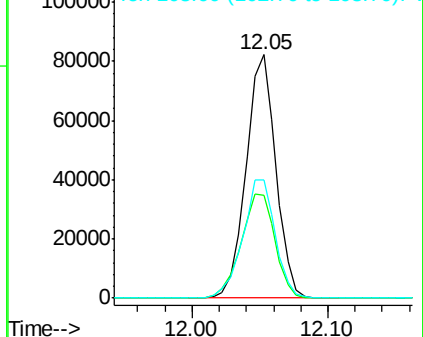


#70
Styrene
Concen: 20.76 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion:104 Resp: 126115
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 53.0 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

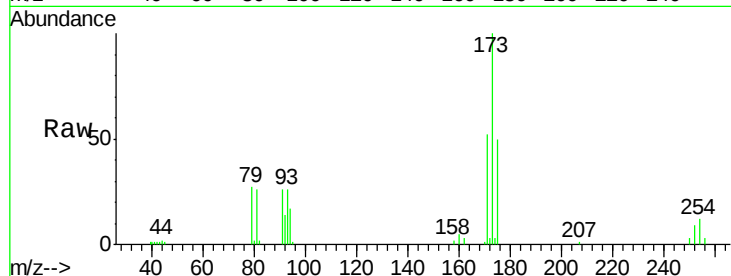




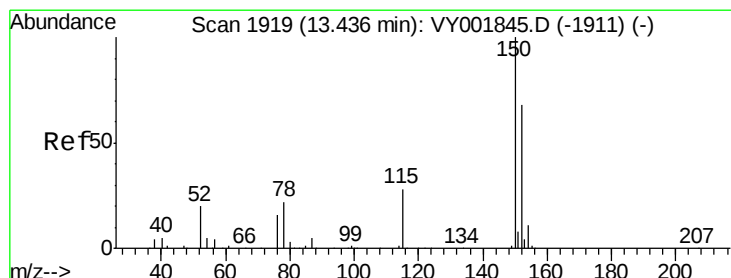
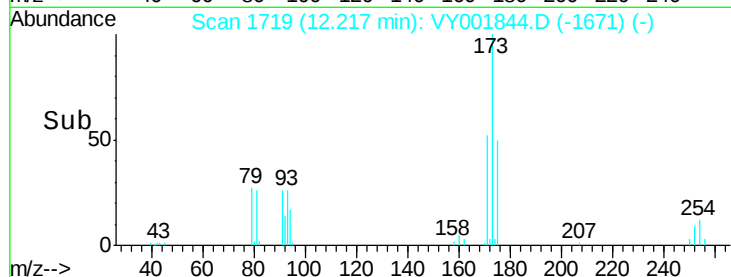
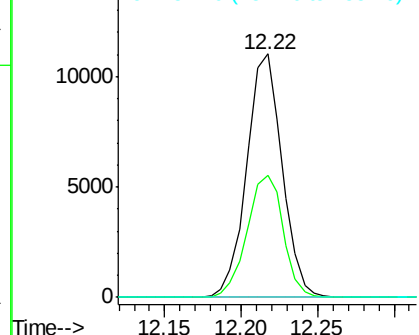
#71
Bromoform
Concen: 18.39 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 17709
Ion Ratio Lower Upper
173 100
175 51.0 24.3 72.8
254 0.0 0.0 0.0

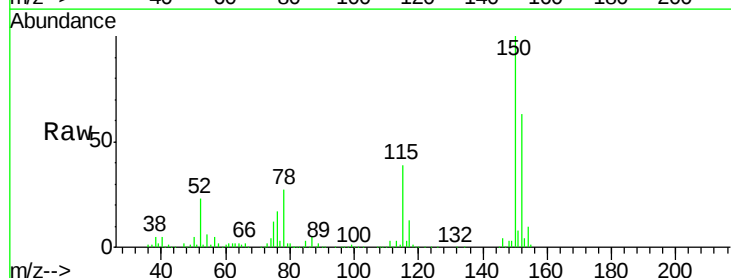


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

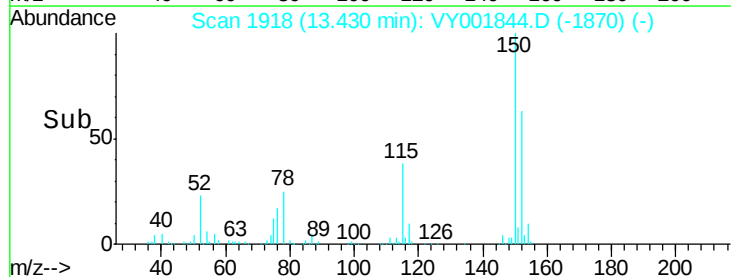
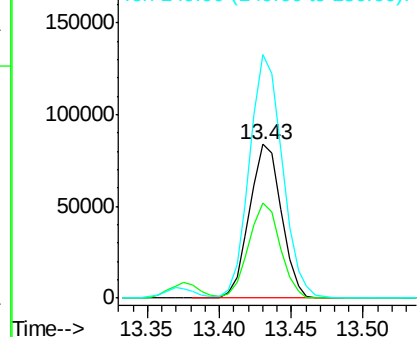


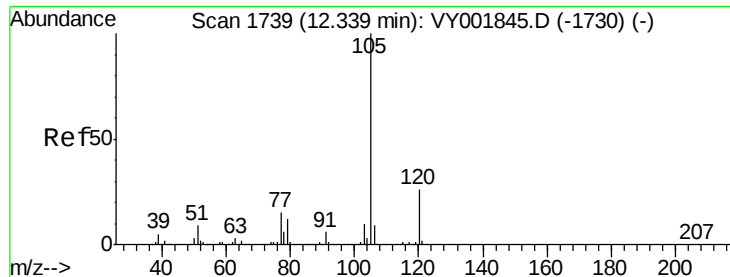
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion:152 Resp: 128168
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 163.5 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: 20.42 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

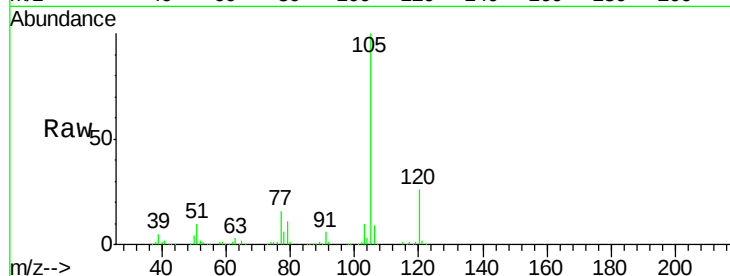
VSTDIC020

Tgt Ion:105 Resp: 196587

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

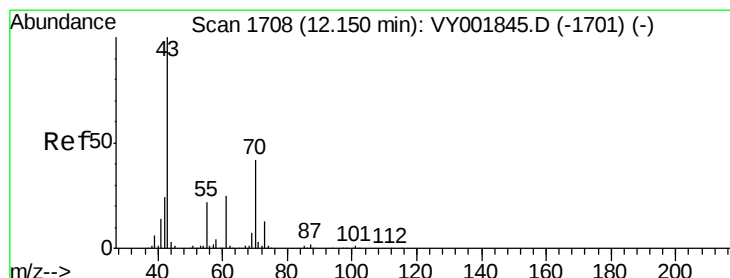
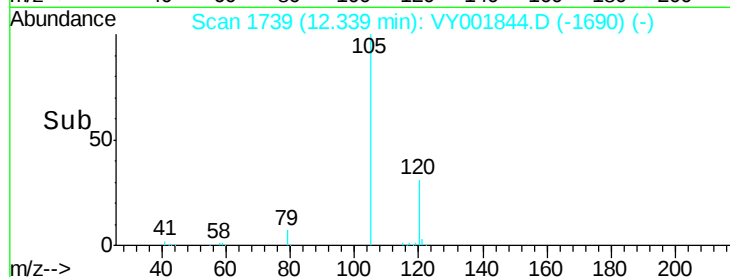
12.34

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.93 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Tgt Ion: 43 Resp: 55860

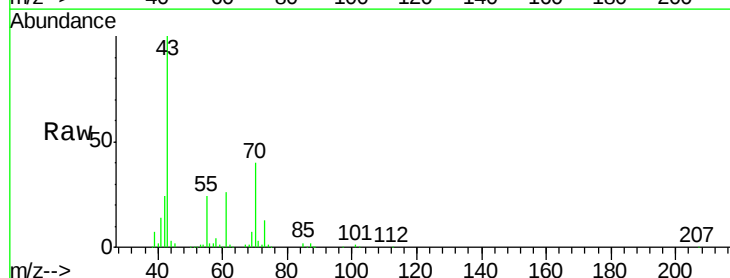
Ion Ratio Lower Upper

43 100

70 42.3 34.7 52.1

55 23.3 18.2 27.4

61 25.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.15

40000

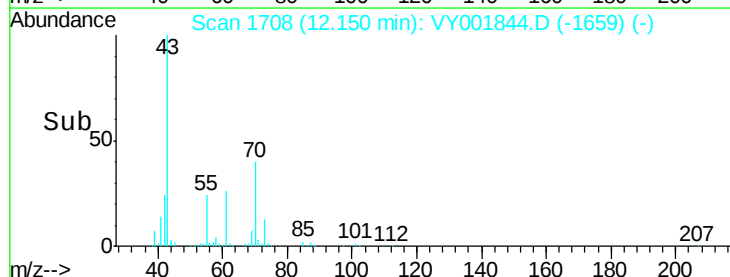
30000

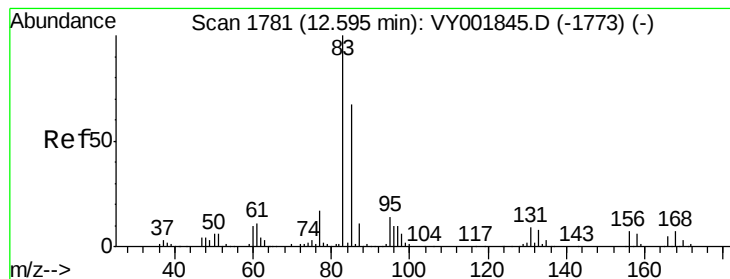
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.67 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

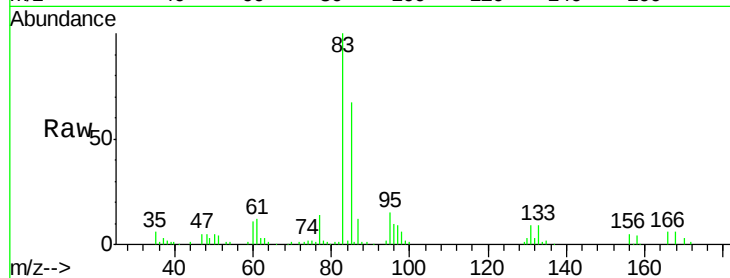
Tgt Ion: 83 Resp: 38728

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

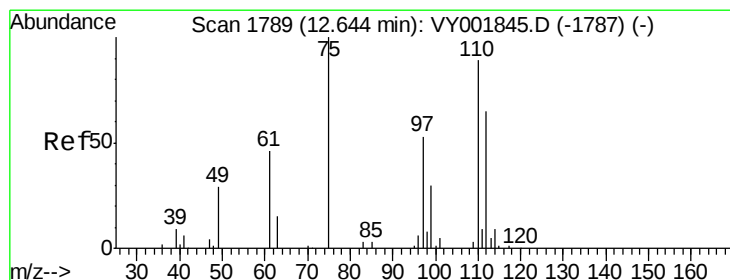
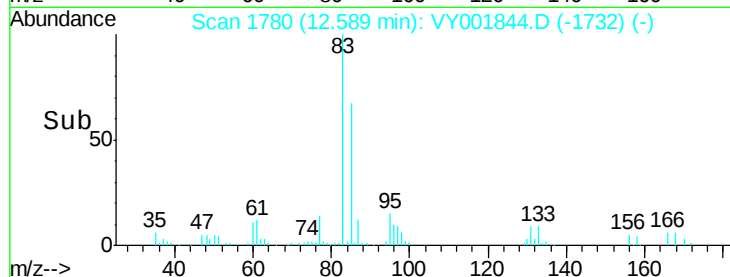
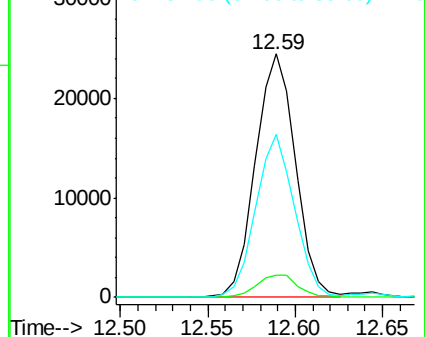
85 65.1 32.1 96.3



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: 20.44 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001844.D

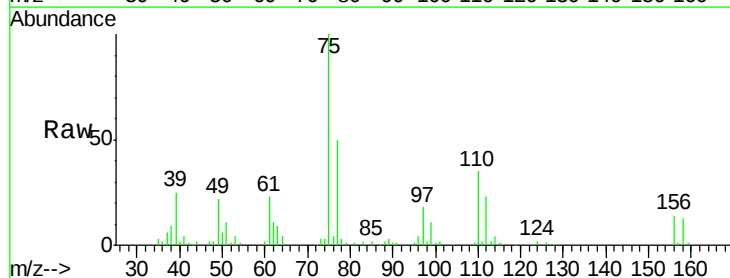
Acq: 04 Mar 2020 11:11

Tgt Ion: 75 Resp: 49780

Ion Ratio Lower Upper

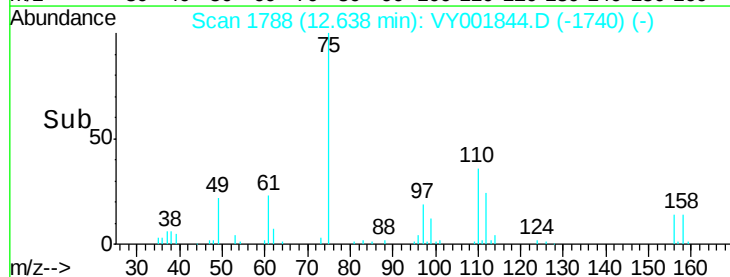
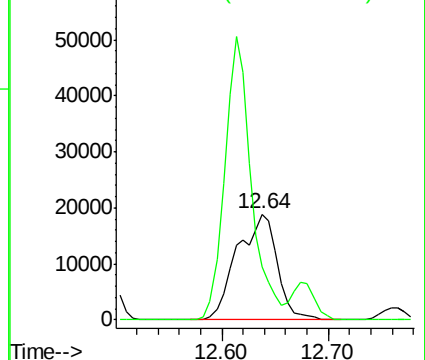
75 100

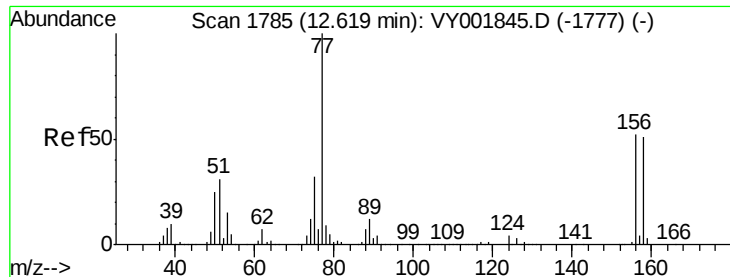
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

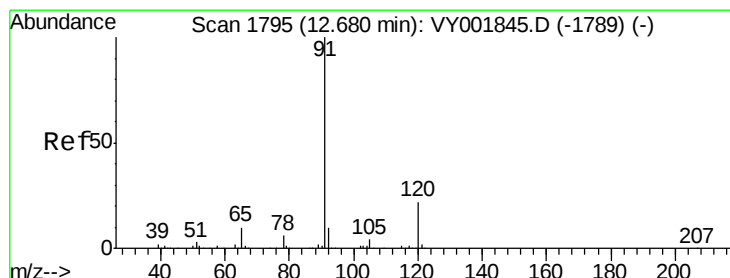
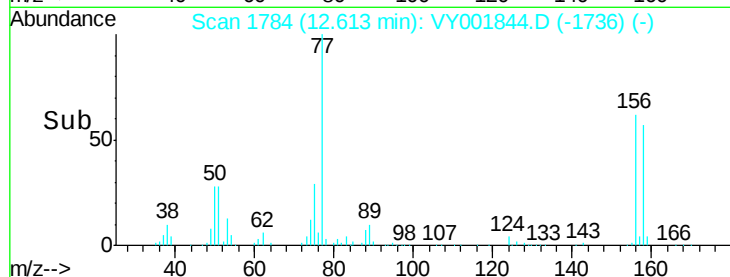
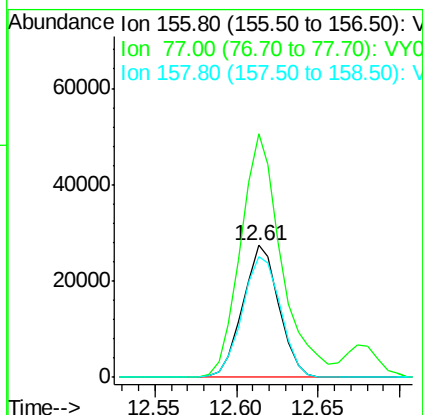
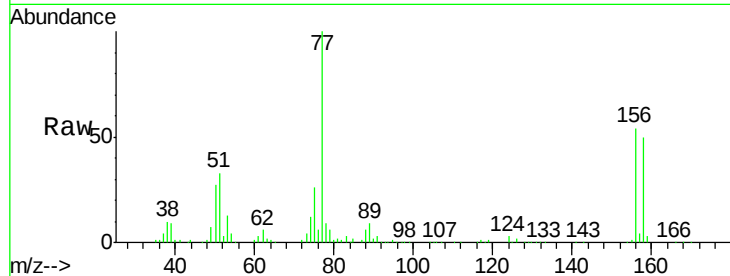




#77
Bromobenzene
Concen: 20.77 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

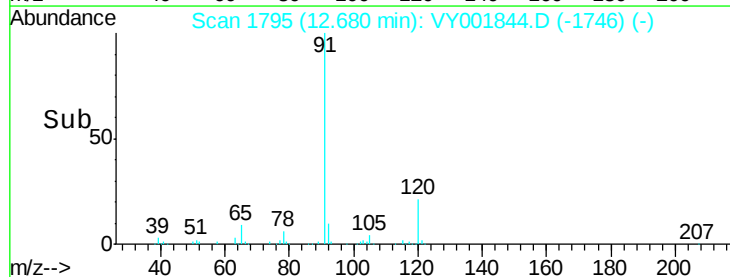
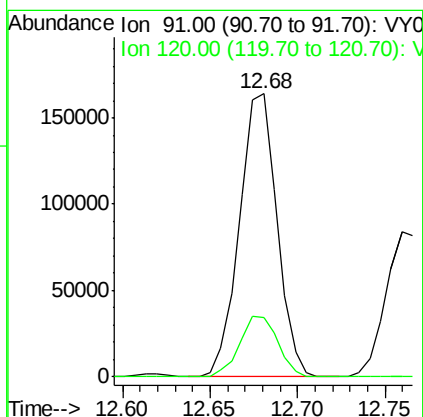
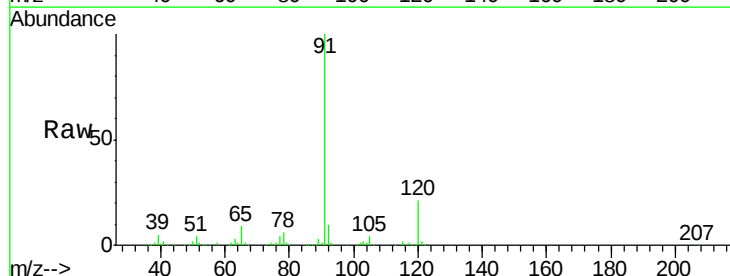
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 42447
Ion Ratio Lower Upper
156 100
77 207.5 109.0 327.0
158 96.6 48.9 146.8



#78
n-propylbenzene
Concen: 20.65 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 91 Resp: 245189
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.44 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

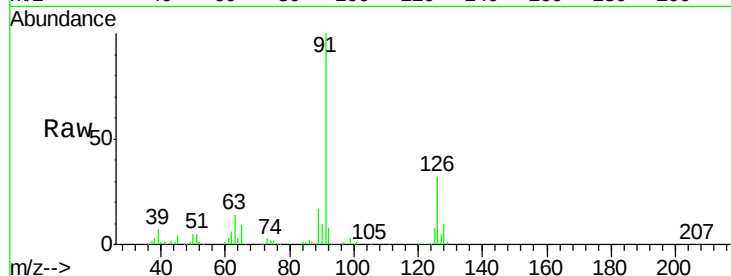
VSTDIC020

Tgt Ion: 91 Resp: 134205

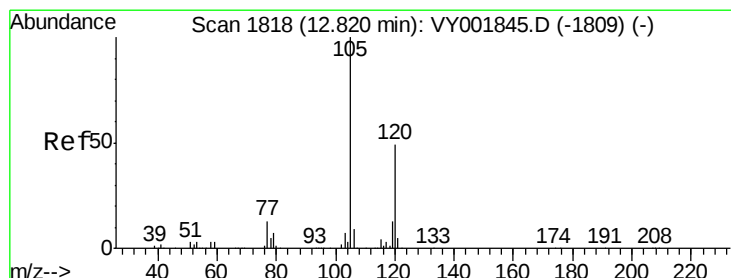
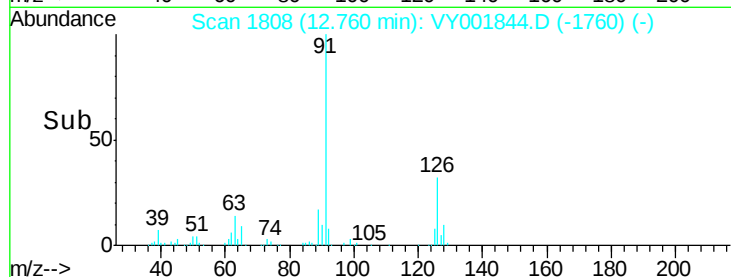
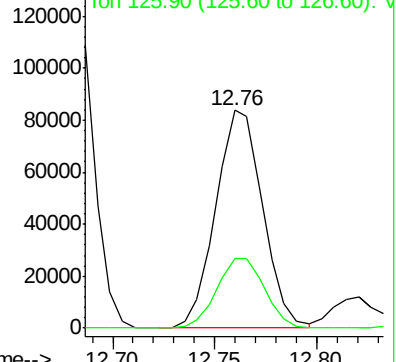
Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001844.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.99 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001844.D

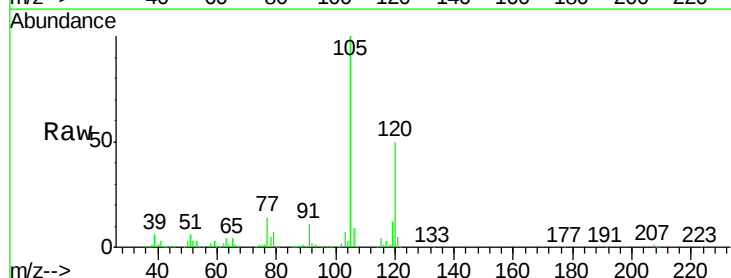
Acq: 04 Mar 2020 11:11

Tgt Ion: 105 Resp: 165473

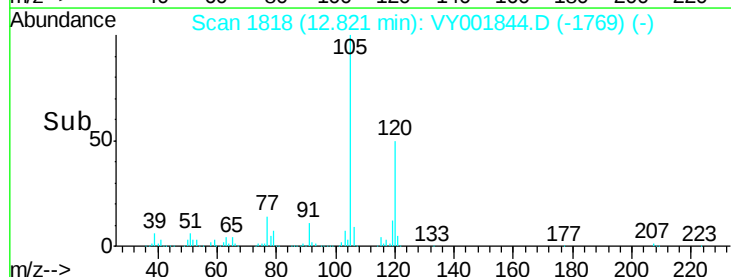
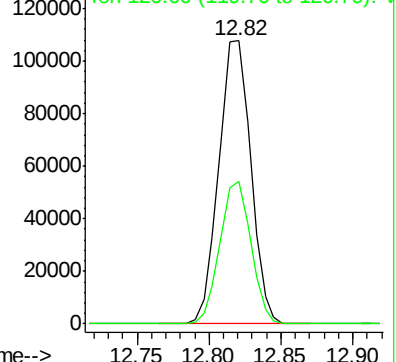
Ion Ratio Lower Upper

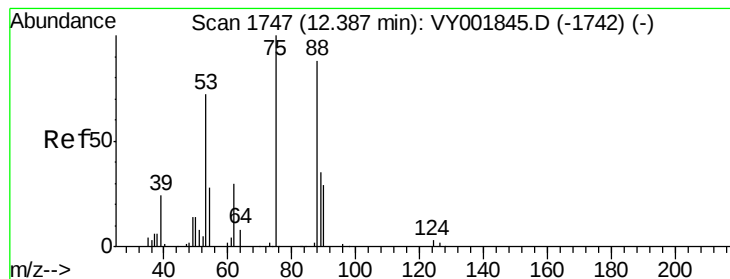
105 100

120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001844.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.78 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

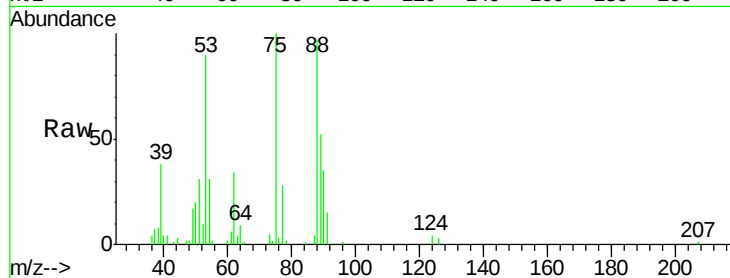
Tgt Ion: 75 Resp: 13243

Ion Ratio Lower Upper

75 100

53 92.5 65.4 98.0

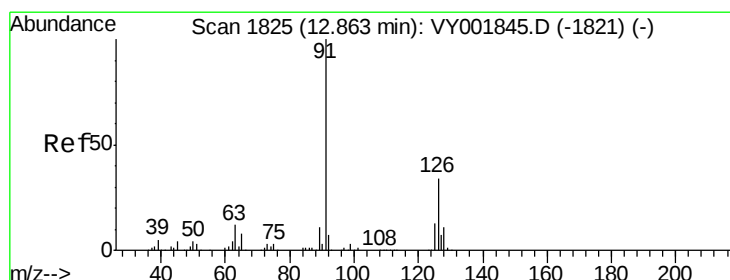
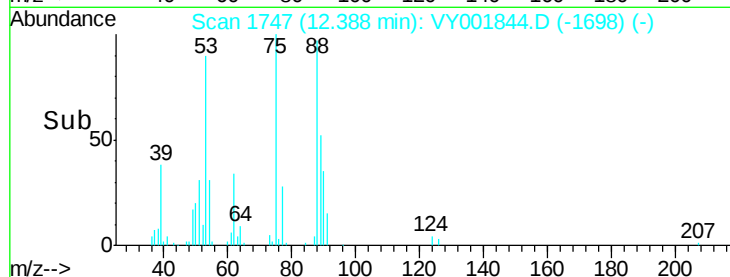
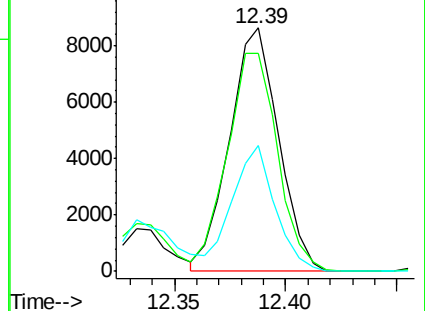
89 45.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY001844.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001844.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001844.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 20.60 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001844.D

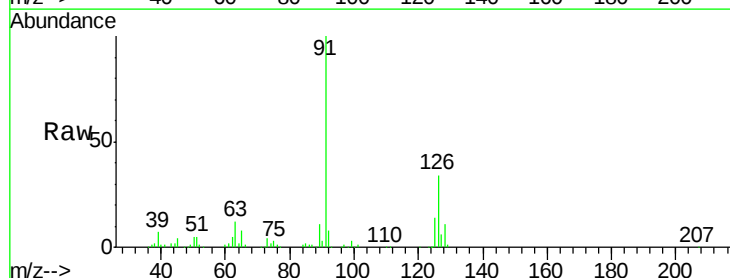
Acq: 04 Mar 2020 11:11

Tgt Ion: 91 Resp: 140117

Ion Ratio Lower Upper

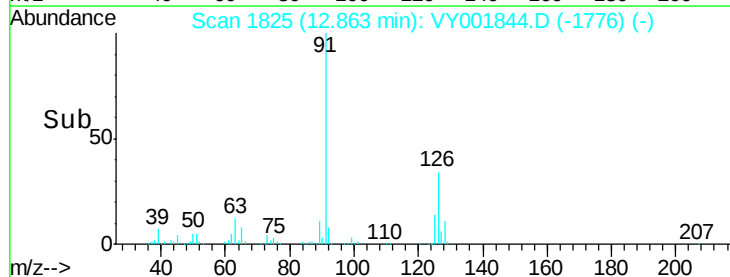
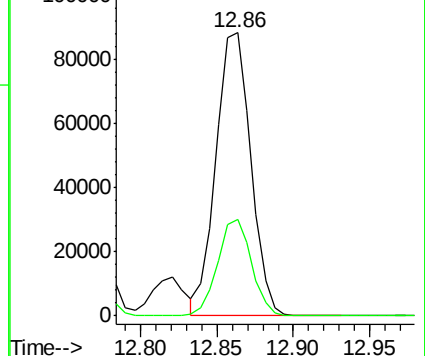
91 100

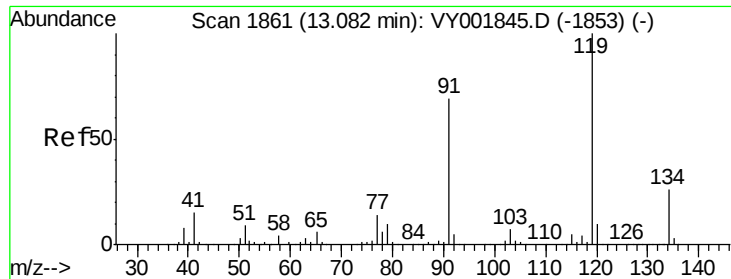
126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001844.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001844.D (-1776) (-)

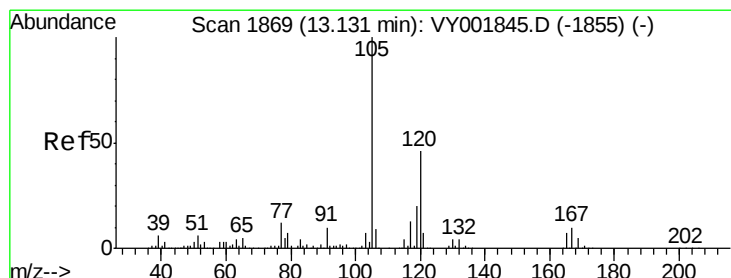
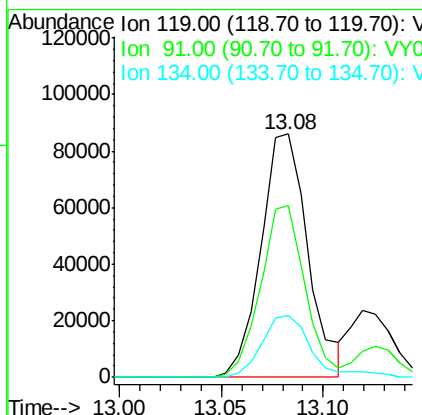
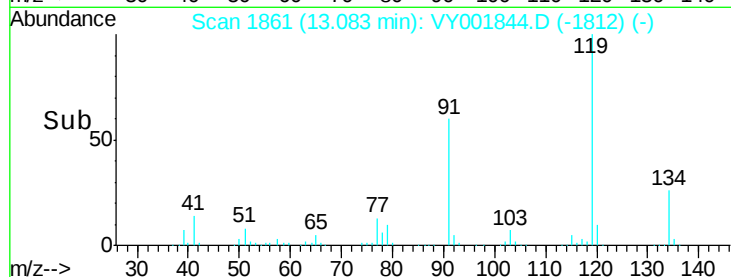
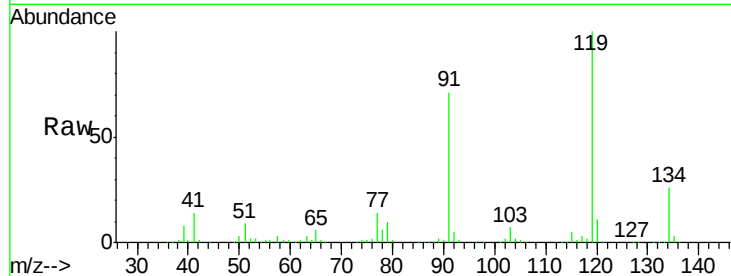




#83
 tert-Butylbenzene
 Concen: 20.99 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

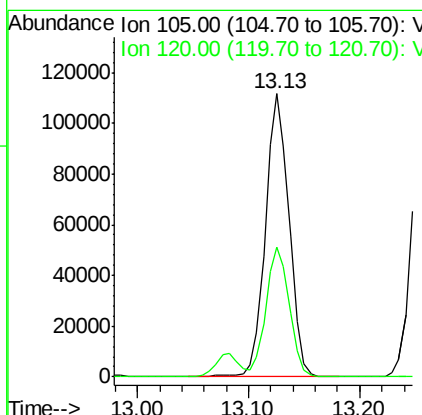
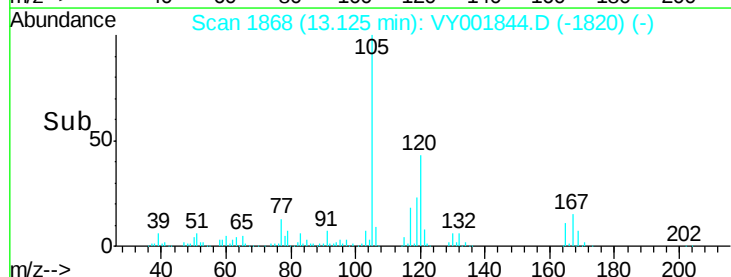
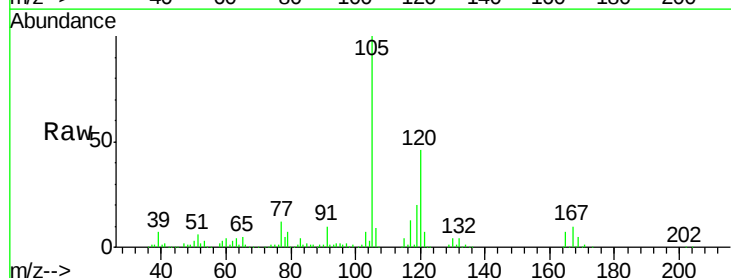
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

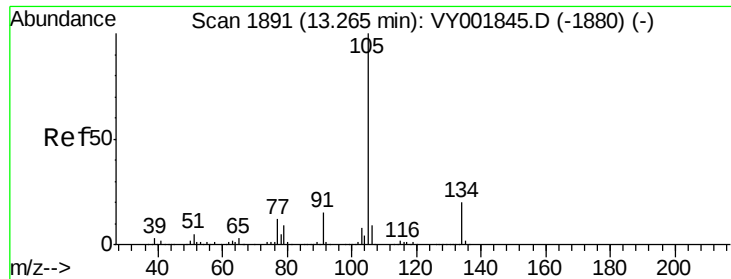
Tgt Ion:	119	Resp:	138236
Ion	Ratio	Lower	Upper
119	100		
91	66.7	34.0	101.8
134	27.0	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.95 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion:	105	Resp:	165123
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.82 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

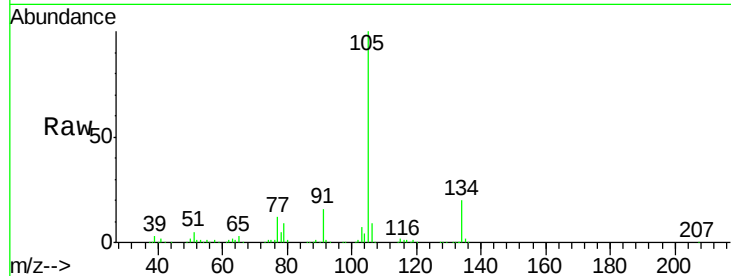
VSTDIC020

Tgt Ion:105 Resp: 202417

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

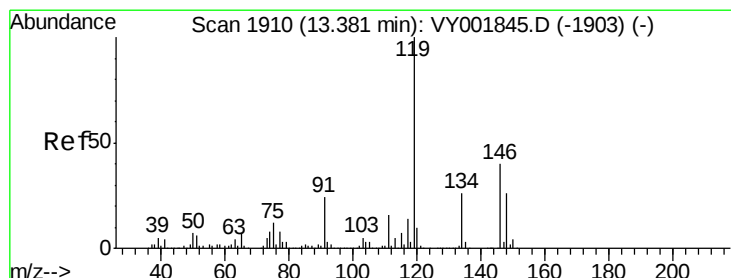
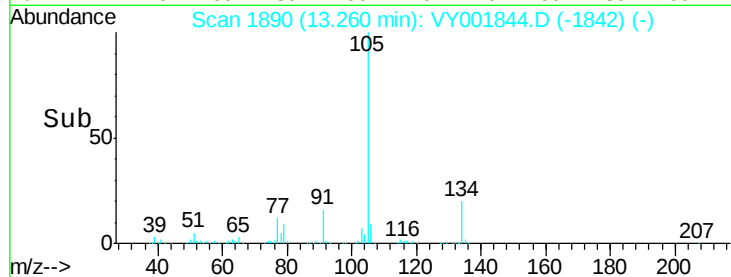
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.01 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001844.D

Acq: 04 Mar 2020 11:11

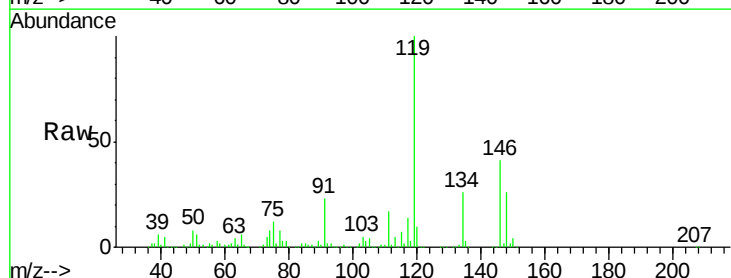
Tgt Ion:119 Resp: 175460

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.6 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

150000

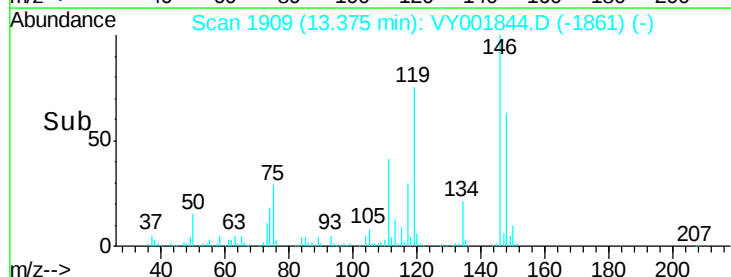
100000

50000

0

13.30 13.35 13.40 13.45

Time-->

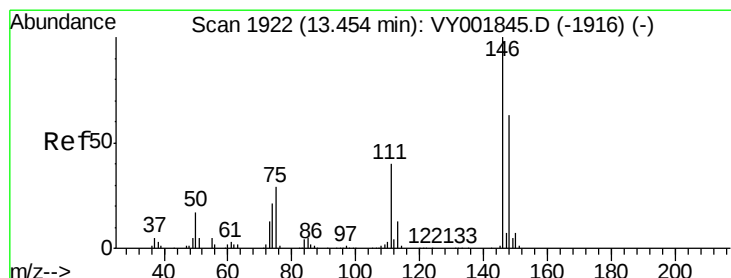
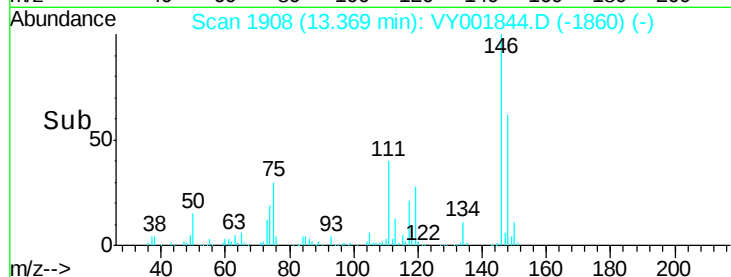
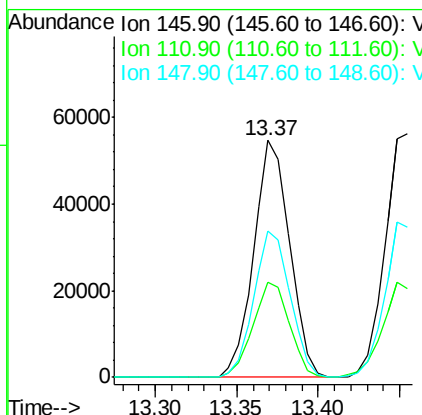
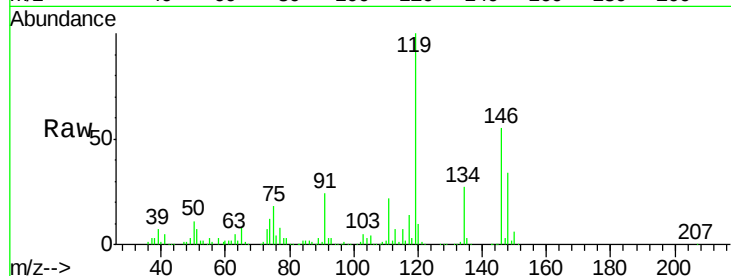




#87
 1,3-Dichlorobenzene
 Concen: 20.94 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

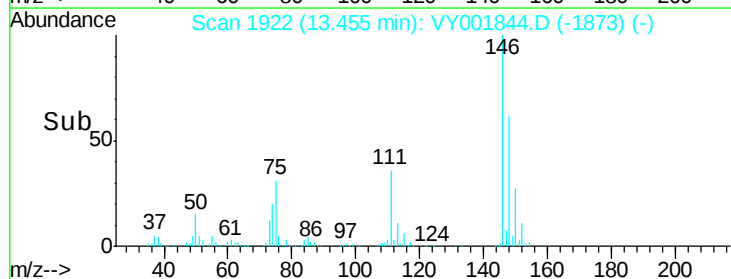
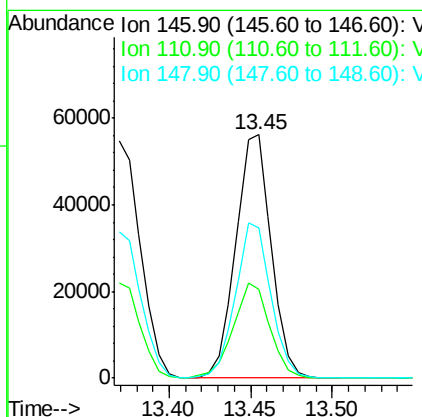
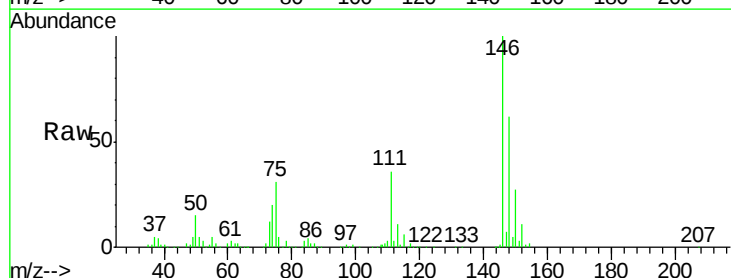
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

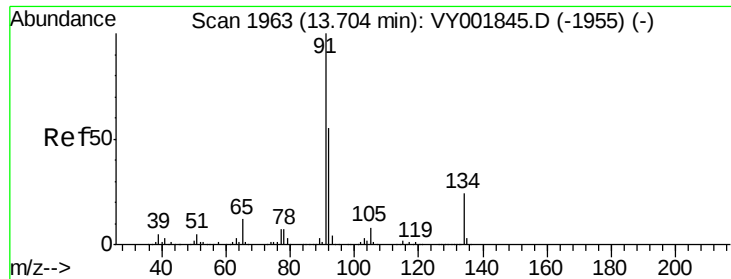
Tgt Ion:146 Resp: 84070
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.8 62.5
 148 62.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 20.98 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion:146 Resp: 84678
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.0 31.5 94.5

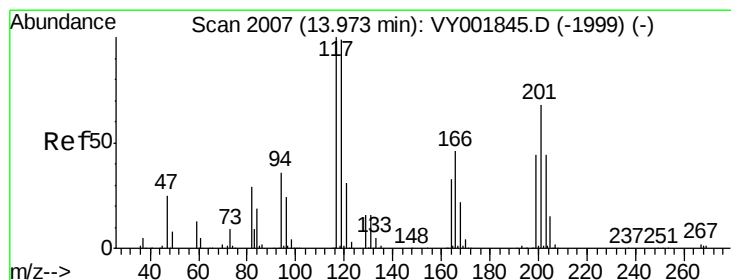
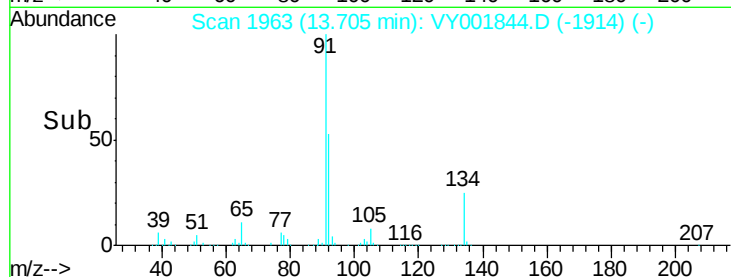
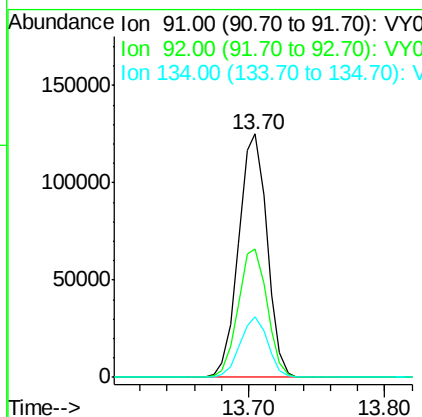
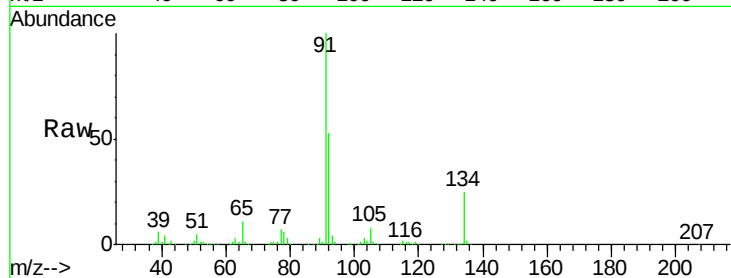




#89
n-Butylbenzene
Concen: 21.18 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

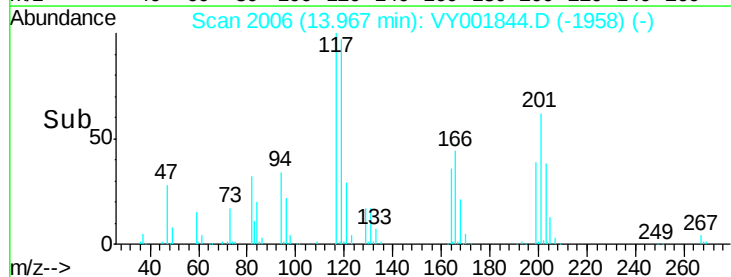
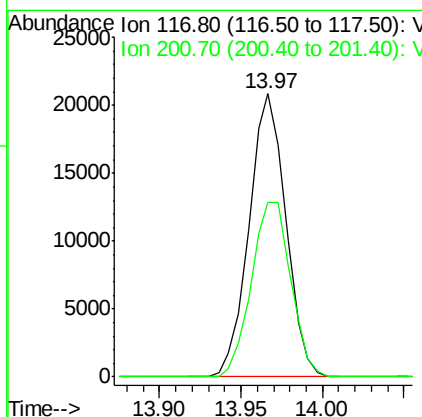
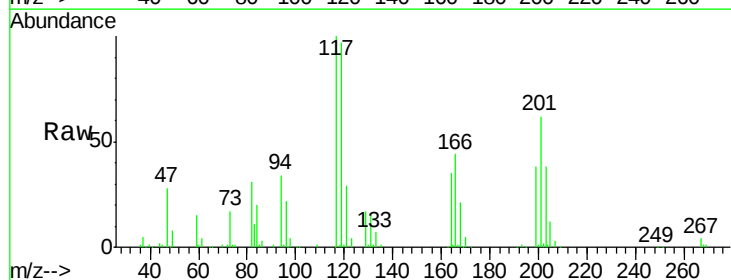
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

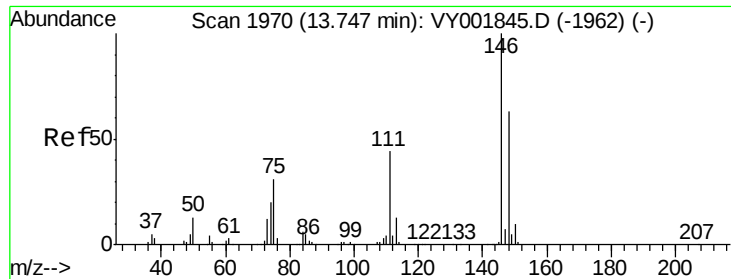
Tgt Ion: 91 Resp: 182447
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.4
134 24.3 12.5 37.5



#90
Hexachloroethane
Concen: 20.94 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion: 117 Resp: 32768
Ion Ratio Lower Upper
117 100
201 66.3 32.5 97.5

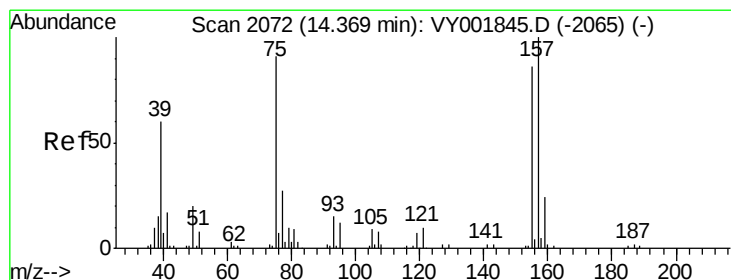
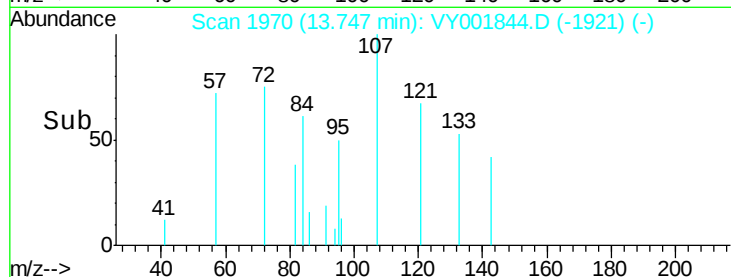
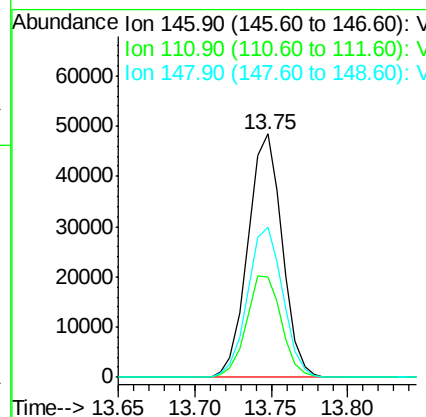
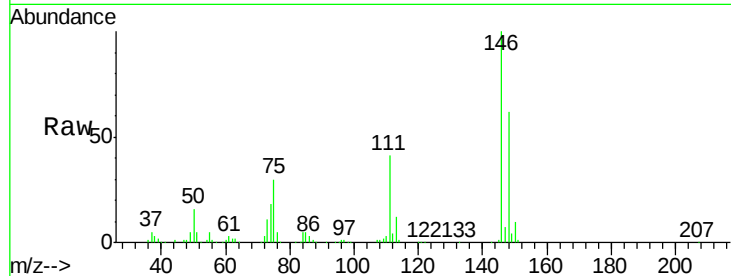




#91
 1,2-Dichlorobenzene
 Concen: 20.83 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

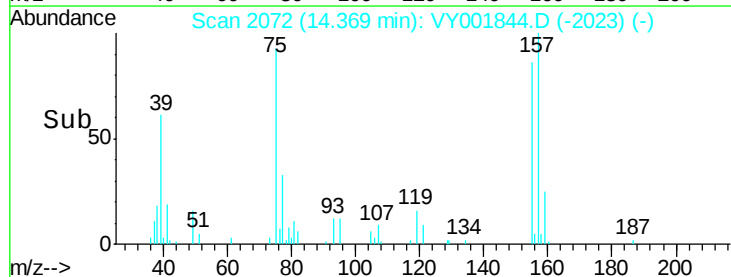
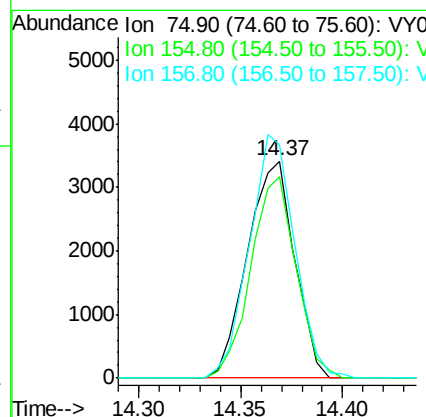
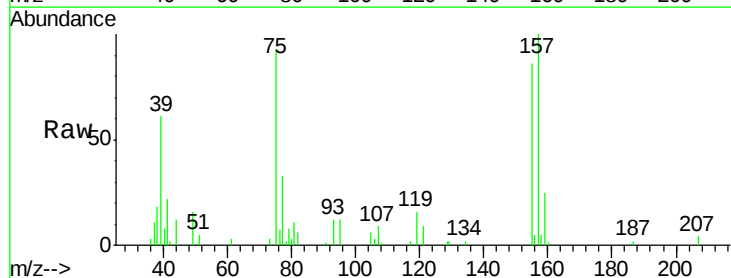
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

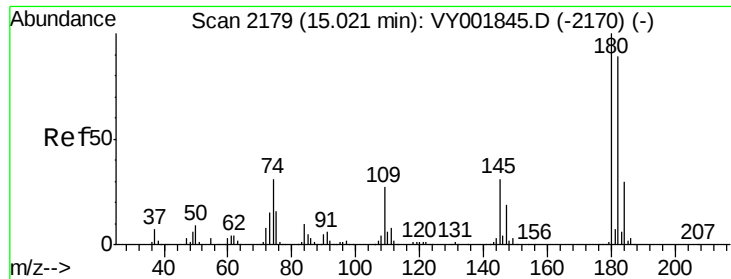
Tgt Ion: 146 Resp: 75433
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.5 64.5
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.01 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion: 75 Resp: 5492
 Ion Ratio Lower Upper
 75 100
 155 88.9 42.9 128.7
 157 108.3 53.1 159.4

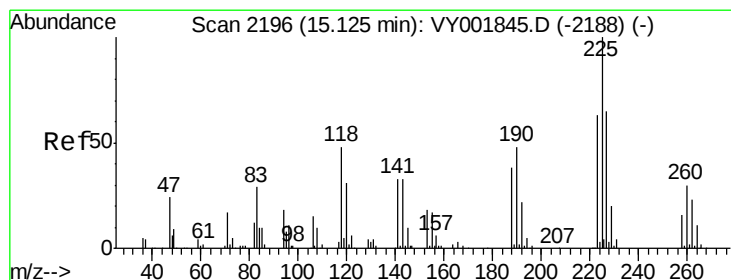
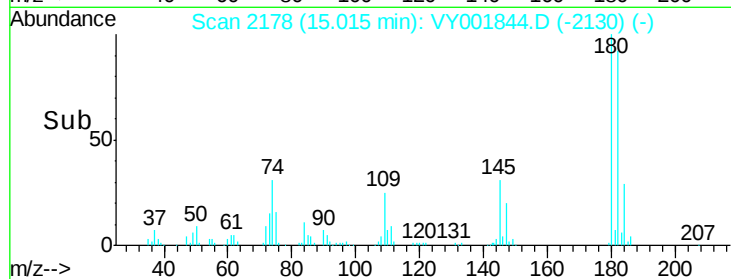
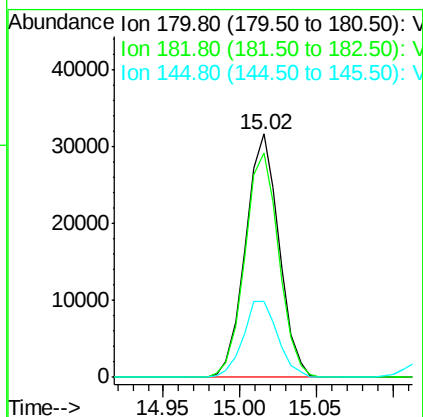
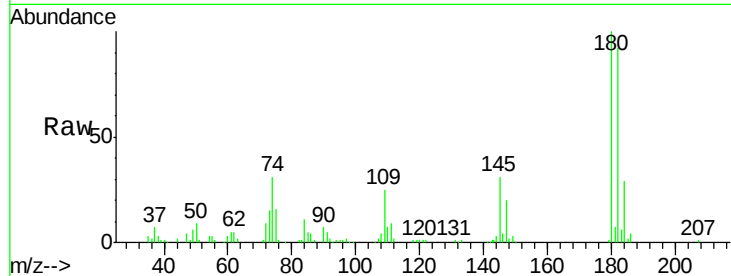




#93
 1,2,4-Trichlorobenzene
 Concen: 20.40 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

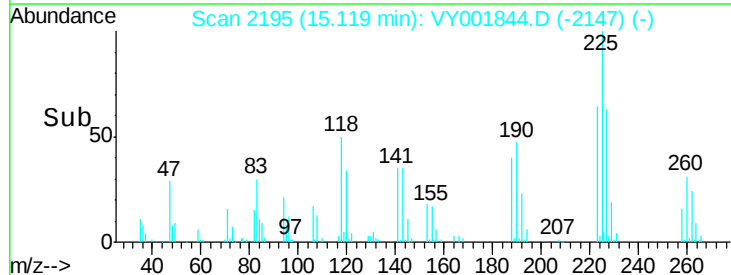
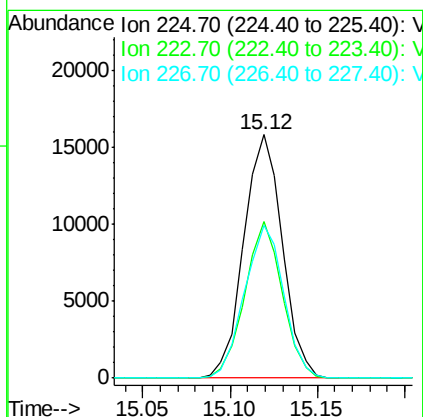
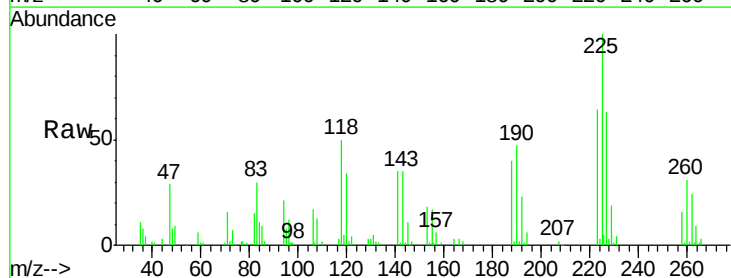
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 48203
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.1 138.3
 145 32.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.23 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001844.D
 Acq: 04 Mar 2020 11:11

Tgt Ion:225 Resp: 24403
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.5 94.5
 227 63.5 31.9 95.5

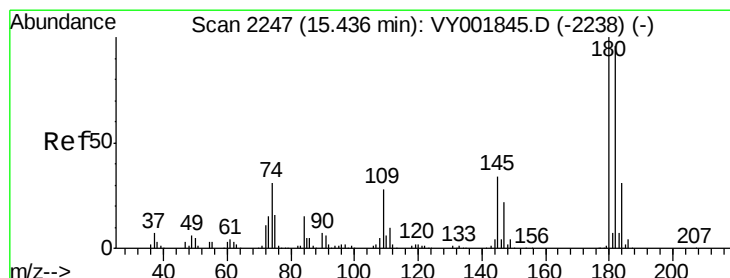
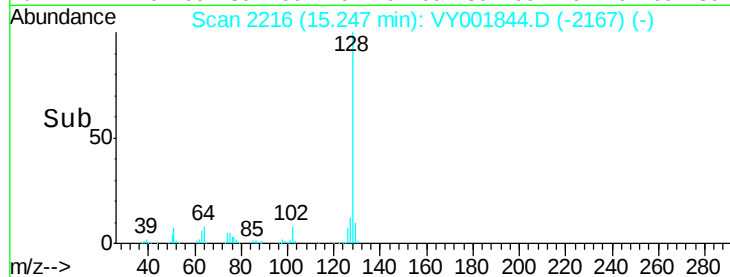
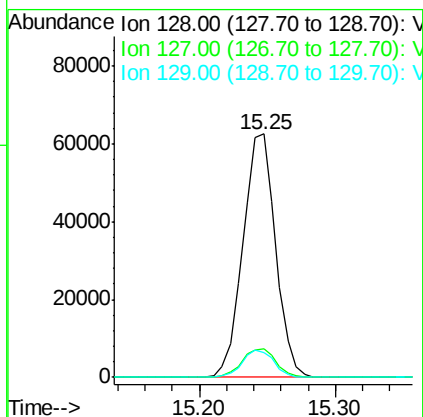
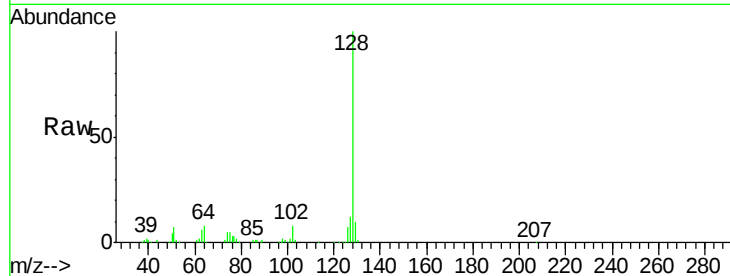




#95
Naphthalene
Concen: 18.87 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 104864
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.24 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY001844.D
Acq: 04 Mar 2020 11:11

Tgt Ion:180 Resp: 42264
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 33.2 16.8 50.3

