

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
 Data File : VY001484.D
 Acq On : 04 Feb 2020 13:59
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 04 14:41:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 14:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	237914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	409936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	358179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	164889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	117343	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.74	113	114499	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.19	98	462594	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.49	95	169350	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	120312	61.24	ug/l	100
3) Chloromethane	2.13	50	121116	43.49	ug/l	100
4) Vinyl Chloride	2.26	62	128874	44.47	ug/l	100
5) Bromomethane	2.66	94	81546	41.87	ug/l	100
6) Chloroethane	2.81	64	77653	42.26	ug/l	100
7) Trichlorofluoromethane	3.15	101	209997	54.41	ug/l	100
8) Diethyl Ether	3.55	74	68892	43.93	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	127656	52.49	ug/l	100
10) Methyl Iodide	4.11	142	169108	53.13	ug/l	100
11) Tert butyl alcohol	4.99	59	60279	157.20	ug/l	100
12) 1,1-Dichloroethene	3.90	96	126989	50.05	ug/l	100
13) Acrolein	3.75	56	53130	239.08	ug/l	100
14) Allyl chloride	4.51	41	191116	43.40	ug/l	100
15) Acrylonitrile	5.20	53	154643	196.38	ug/l	100
16) Acetone	3.97	43	169764	228.79	ug/l	100
17) Carbon Disulfide	4.22	76	406314	50.75	ug/l	100
18) Methyl Acetate	4.50	43	68009	32.83	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	324808	44.68	ug/l	100
20) Methylene Chloride	4.74	84	140723	35.70	ug/l	100
21) trans-1,2-Dichloroethene	5.25	96	139253	47.69	ug/l	100
22) Diisopropyl ether	6.15	45	379462	40.89	ug/l	100
23) Vinyl Acetate	6.09	43	1195382	199.70	ug/l	100
24) 1,1-Dichloroethane	6.05	63	228498	45.89	ug/l	100
25) 2-Butanone	7.02	43	215821	198.23	ug/l	100
26) 2,2-Dichloropropane	7.00	77	211347	47.16	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	150459	46.37	ug/l	100
28) Bromochloromethane	7.36	49	85403	42.51	ug/l	100
29) Tetrahydrofuran	7.37	42	127917	182.86	ug/l	100
30) Chloroform	7.53	83	231889	47.12	ug/l	100
31) Cyclohexane	7.81	56	226202	45.50	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	212369	50.62	ug/l	100
36) 1,1-Dichloropropene	7.94	75	190767	49.11	ug/l	100
37) Ethyl Acetate	7.10	43	86437	38.06	ug/l	100
38) Carbon Tetrachloride	7.92	117	186541	53.18	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	254214	50.88	ug/l	100
40) Benzene	8.18	78	541717	46.96	ug/l	100
41) Methacrylonitrile	7.37	41	119156	102.77	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	146157	45.62	ug/l	100
43) Isopropyl Acetate	8.29	43	173191	39.21	ug/l	100
44) Trichloroethene	8.96	130	145374	48.66	ug/l	100
45) 1,2-Dichloropropane	9.23	63	129464	44.83	ug/l	100
46) Dibromomethane	9.32	93	71705	45.96	ug/l	100
47) Bromodichloromethane	9.51	83	179022	47.67	ug/l	100
48) Methyl methacrylate	9.30	41	79227	39.31	ug/l	100
49) 1,4-Dioxane	9.31	88	17933	827.73	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	423033	186.79	ug/l	100
52) Toluene	10.25	92	342022	46.81	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	192943	46.75	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	223896	47.07	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	103300	45.16	ug/l	100
56) Ethyl methacrylate	10.52	69	147745	43.09	ug/l	100
57) 1,3-Dichloropropane	10.80	76	181292	45.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	271362	221.37	ug/l	100
59) 2-Hexanone	10.84	43	314804	198.77	ug/l	100
60) Dibromochloromethane	10.99	129	123797	47.81	ug/l	100
61) 1,2-Dibromoethane	11.10	107	101757	46.80	ug/l	100
64) Tetrachloroethene	10.73	164	119274	51.38	ug/l	100
65) Chlorobenzene	11.52	112	360816	47.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	125289	48.72	ug/l	100
67) Ethyl Benzene	11.60	91	663861	47.86	ug/l	100
68) m/p-Xylenes	11.71	106	496916	95.99	ug/l	100
69) o-Xylene	12.03	106	236827	47.61	ug/l	100
70) Styrene	12.05	104	407144	46.82	ug/l	100
71) Bromoform	12.21	173	70149	46.14	ug/l #	100
73) Isopropylbenzene	12.34	105	643209	49.35	ug/l	100
74) N-amyl acetate	12.15	43	161510	39.45	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	117947	43.39	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	159281	81.62	ug/l #	100
77) Bromobenzene	12.61	156	139371	48.45	ug/l	100
78) n-propylbenzene	12.67	91	767094	49.05	ug/l	100
79) 2-Chlorotoluene	12.76	91	436087	48.75	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	540801	49.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45402	44.10	ug/l	100
82) 4-Chlorotoluene	12.86	91	456283	47.93	ug/l	100
83) tert-Butylbenzene	13.08	119	460139	50.15	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	533451	48.88	ug/l	100
85) sec-Butylbenzene	13.26	105	649295	49.96	ug/l	100
86) p-Isopropyltoluene	13.38	119	568736	49.57	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	261831	47.48	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	263280	47.00	ug/l	100
89) n-Butylbenzene	13.70	91	559624	48.62	ug/l	100
90) Hexachloroethane	13.97	117	109899	50.53	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	239030	47.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20979	44.28	ug/l	100

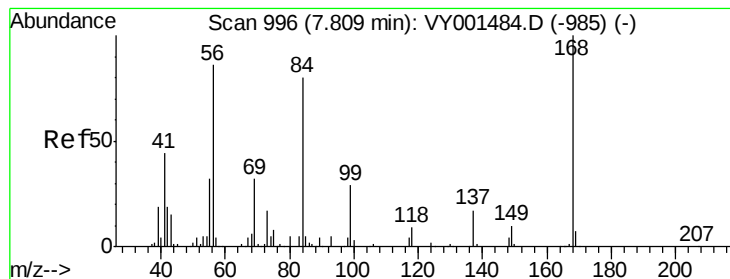
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	158153	46.23	ug/l	100
94) Hexachlorobutadiene	15.12	225	81248	48.49	ug/l	100
95) Naphthalene	15.24	128	349718	45.04	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	136226	45.59	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

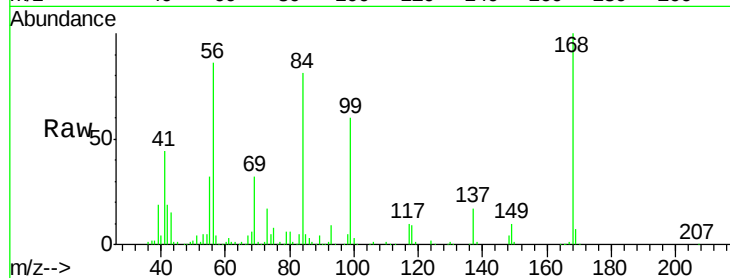
VSTDICCC050

Tgt Ion: 168 Resp: 237914

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

120000

100000

80000

60000

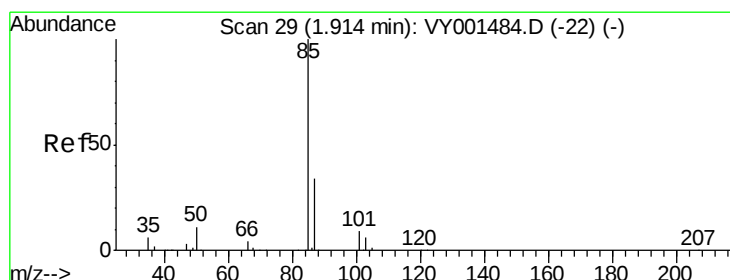
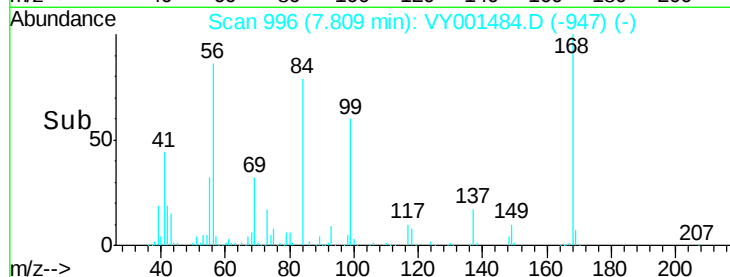
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 61.24 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001484.D

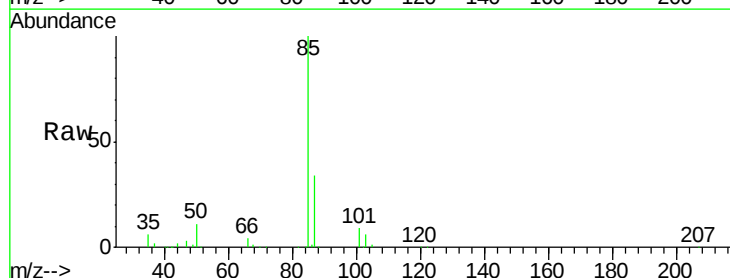
Acq: 04 Feb 2020 13:59

Tgt Ion: 85 Resp: 120312

Ion Ratio Lower Upper

85 100

87 33.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

80000

60000

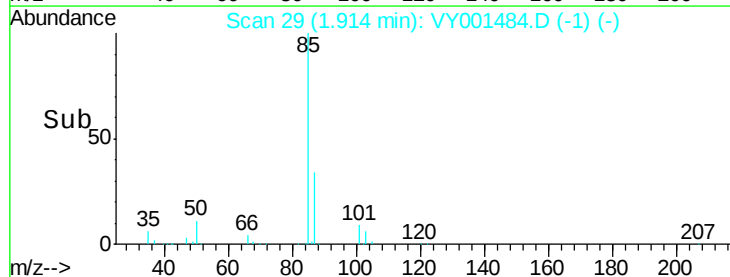
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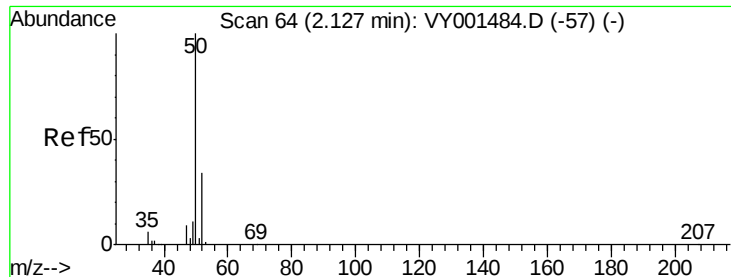
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.49 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

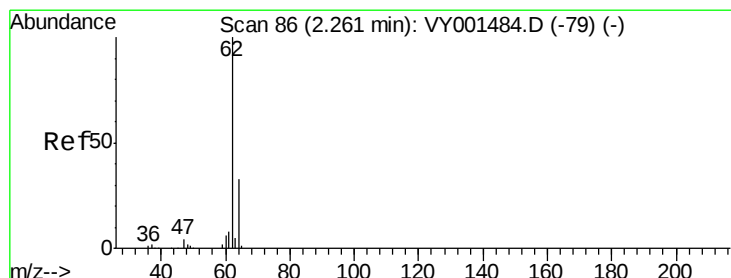
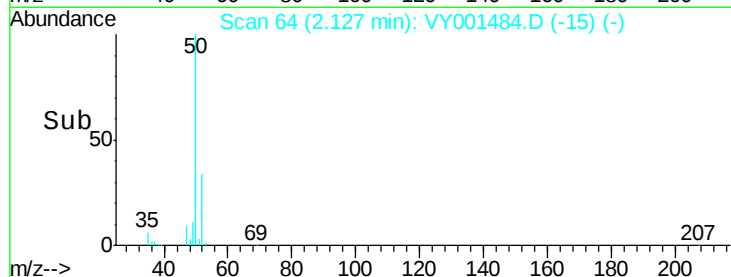
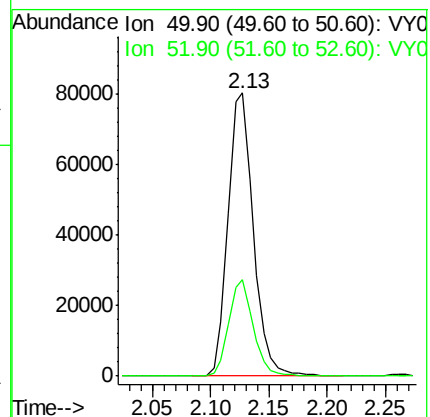
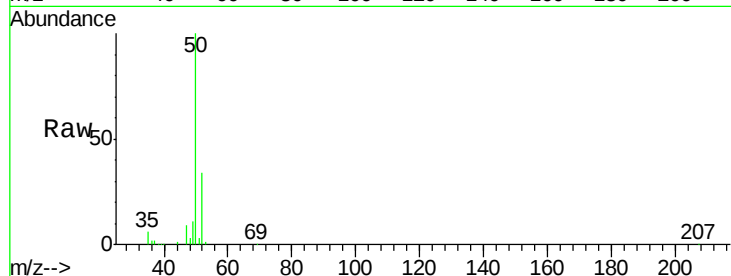
VSTDICCC050

Tgt Ion: 50 Resp: 121116

Ion Ratio Lower Upper

50 100

52 34.1 27.3 40.9



#4

Vinyl Chloride

Concen: 44.47 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001484.D

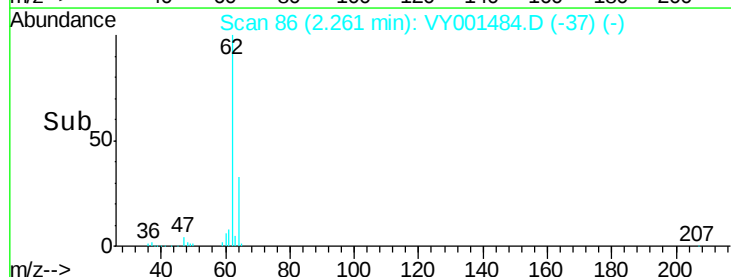
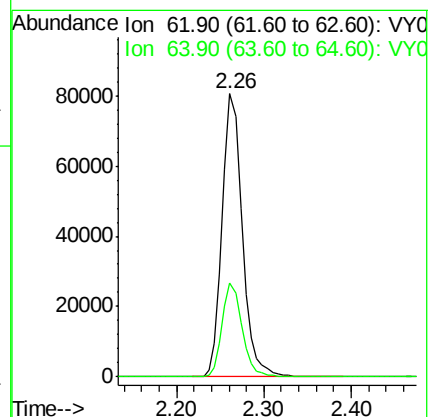
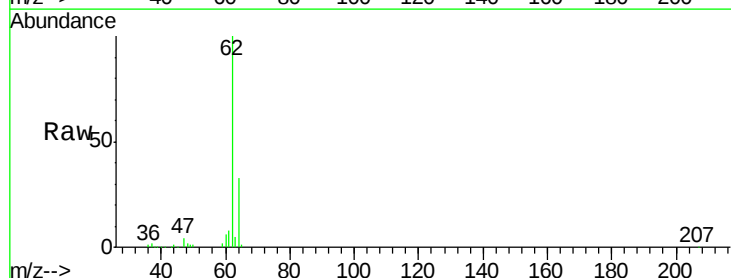
Acq: 04 Feb 2020 13:59

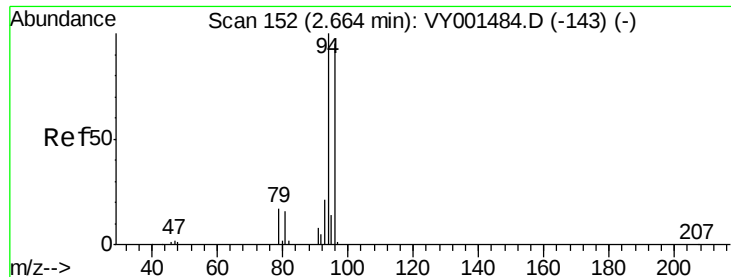
Tgt Ion: 62 Resp: 128874

Ion Ratio Lower Upper

62 100

64 33.0 26.4 39.6





#5

Bromomethane

Concen: 41.87 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

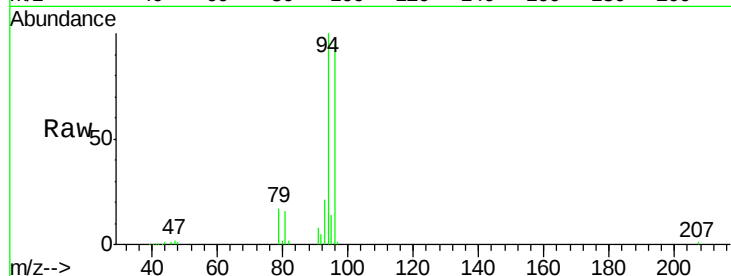
VSTDICCC050

Tgt Ion: 94 Resp: 81546

Ion Ratio Lower Upper

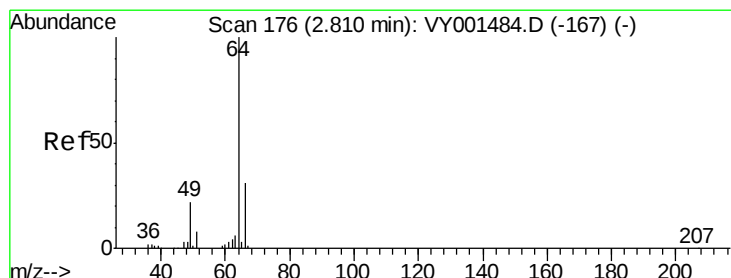
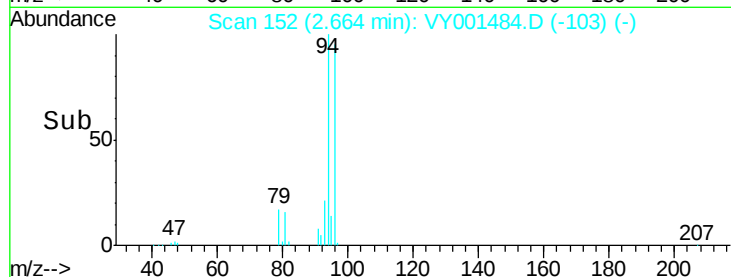
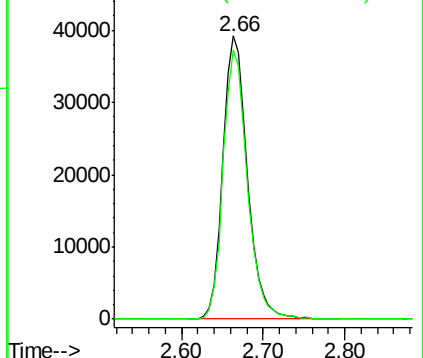
94 100

96 95.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 42.26 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001484.D

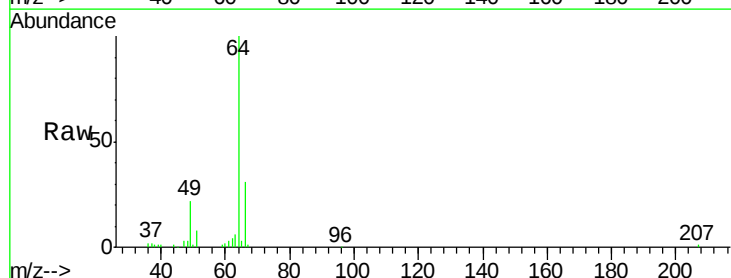
Acq: 04 Feb 2020 13:59

Tgt Ion: 64 Resp: 77653

Ion Ratio Lower Upper

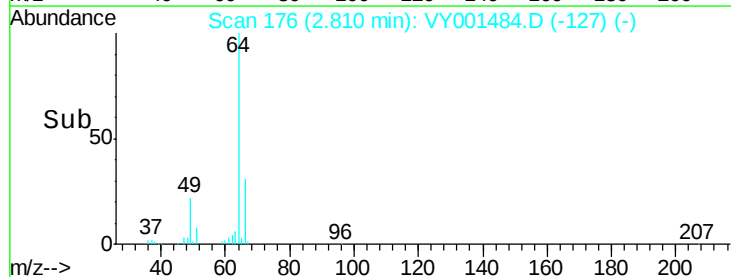
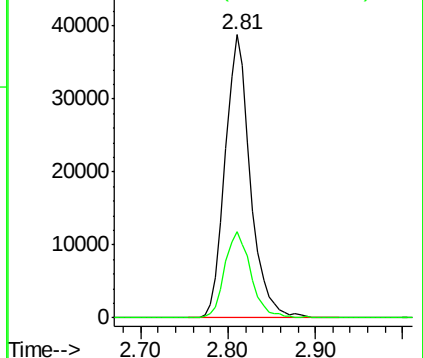
64 100

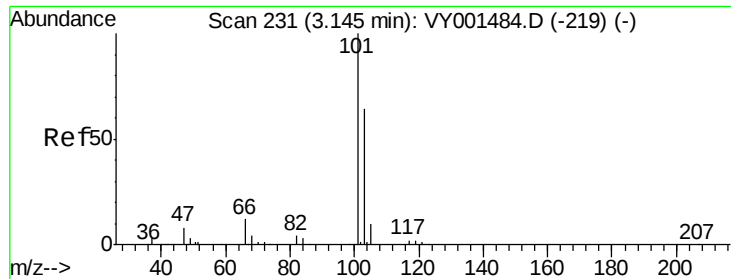
66 30.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



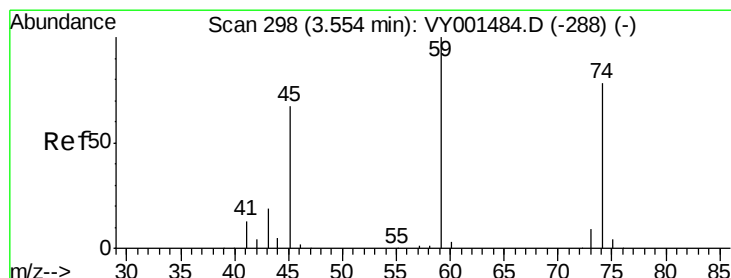
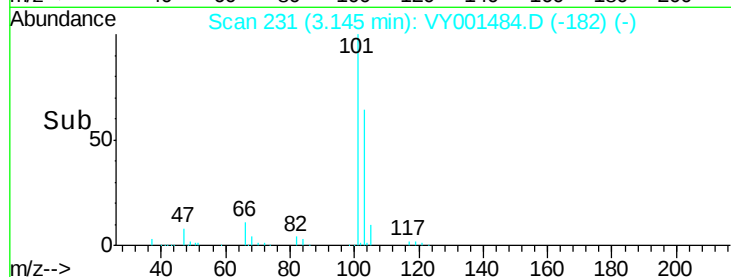
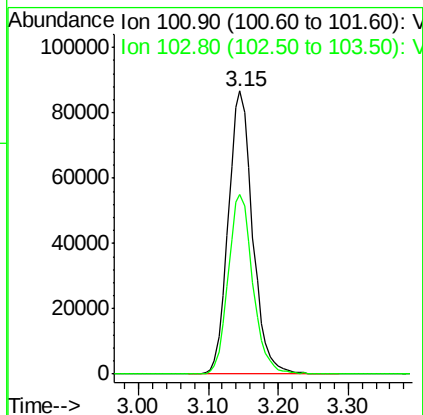
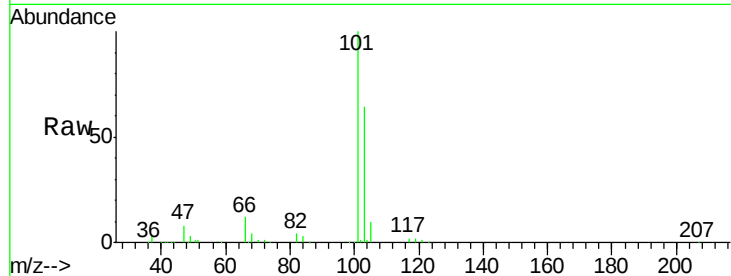


#7

Trichlorofluoromethane
Concen: 54.41 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

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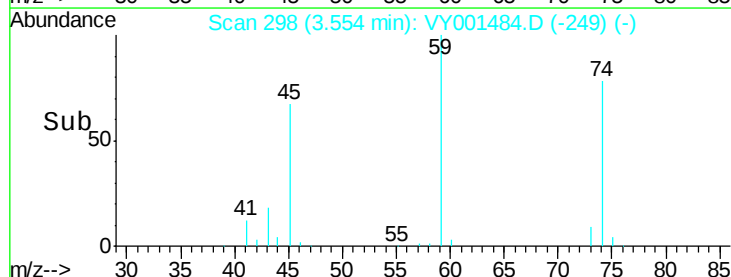
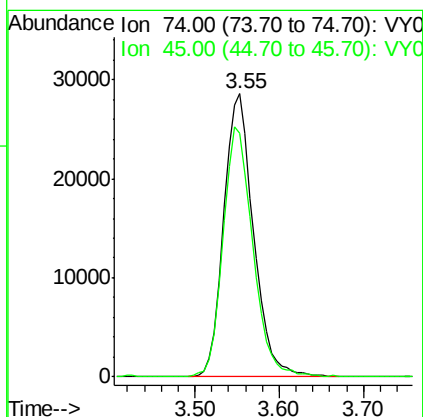
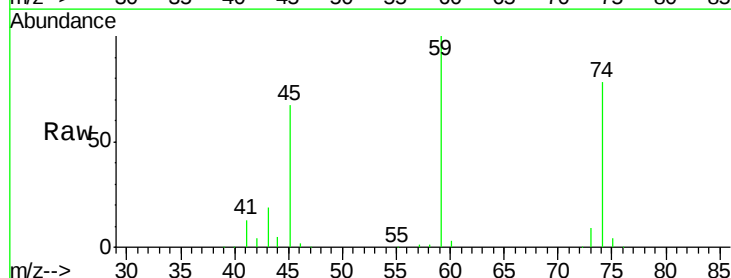
Tgt Ion:101 Resp: 209997
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3

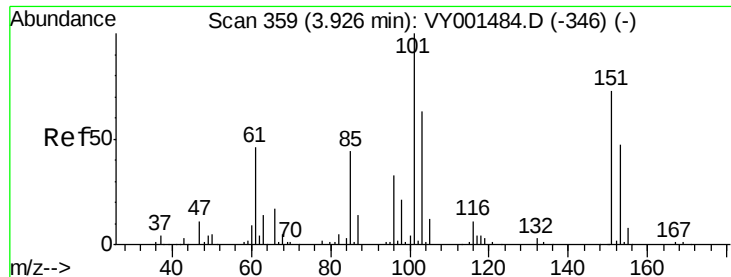


#8

Diethyl Ether
Concen: 43.93 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 74 Resp: 68892
Ion Ratio Lower Upper
74 100
45 89.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.49 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

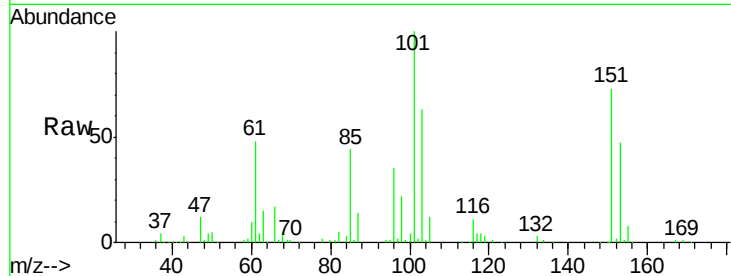
Tgt Ion:101 Resp: 127656

Ion Ratio Lower Upper

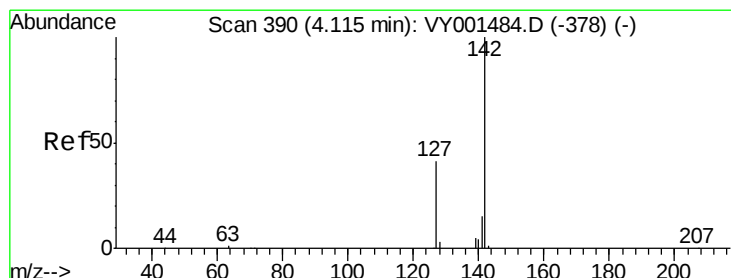
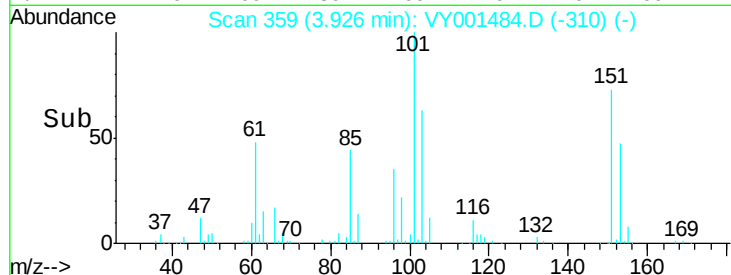
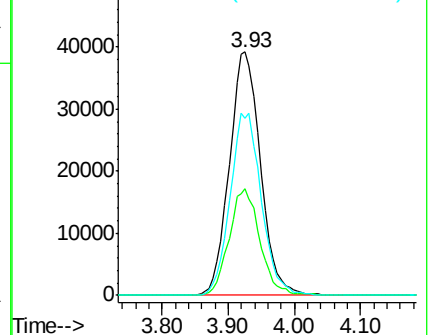
101 100

85 43.2 34.6 51.8

151 75.4 60.3 90.5



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: 53.13 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

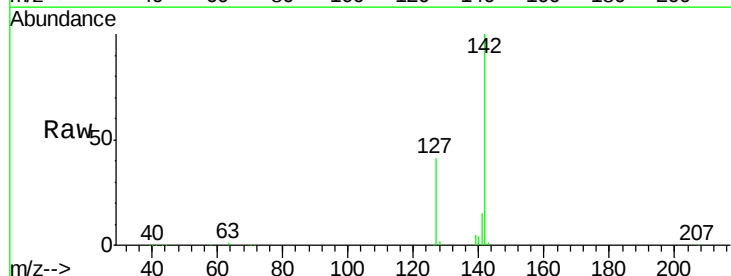
Tgt Ion:142 Resp: 169108

Ion Ratio Lower Upper

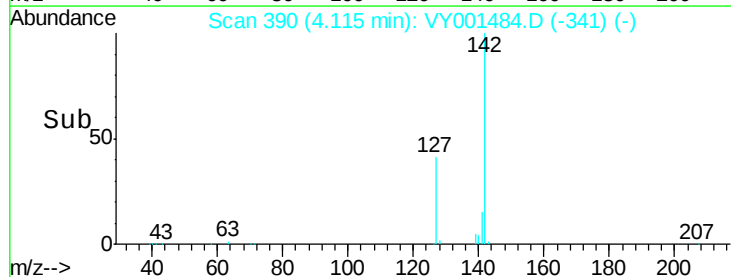
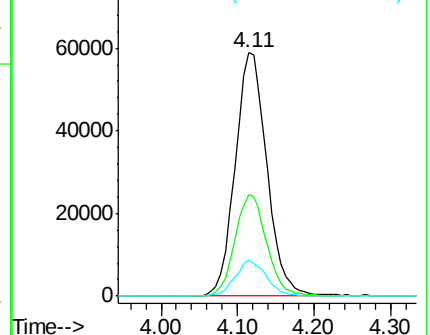
142 100

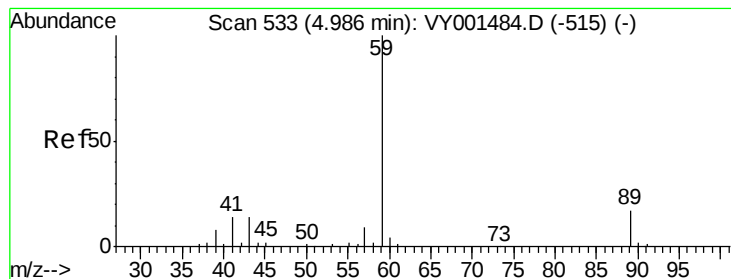
127 41.6 33.3 49.9

141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



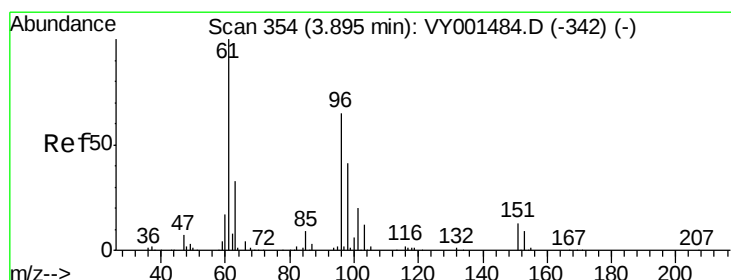
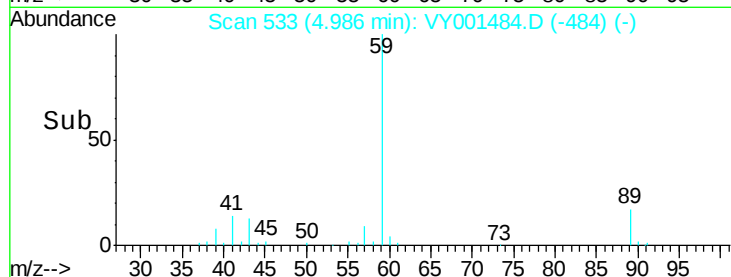
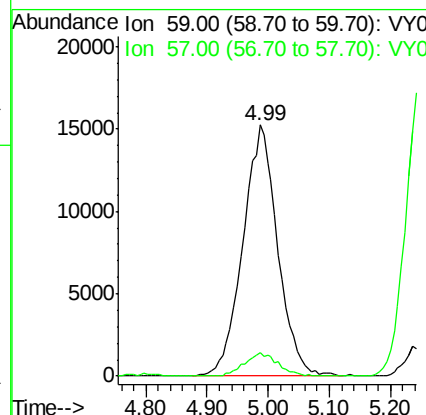
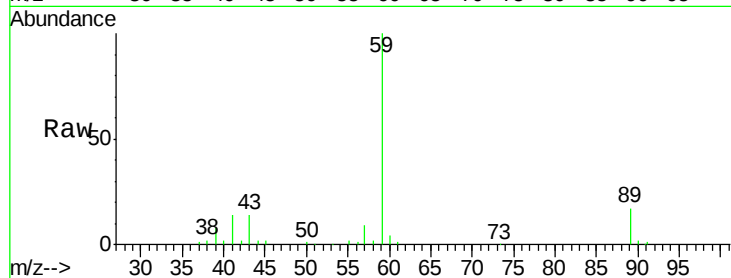


#11

Tert butyl alcohol
 Concen: 157.20 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

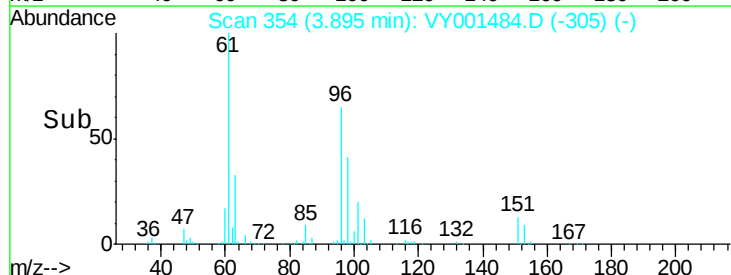
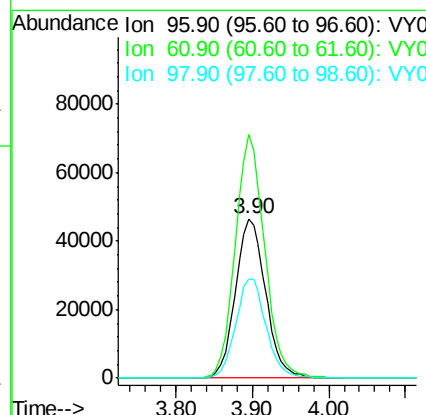
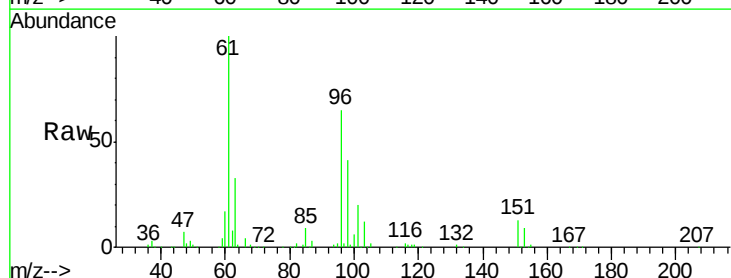
Tgt Ion: 59 Resp: 60279
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.0 10.6

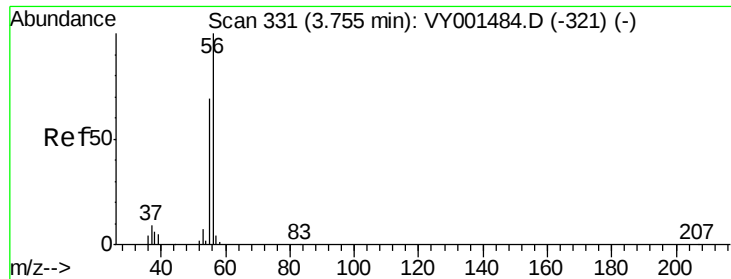


#12

1,1-Dichloroethene
 Concen: 50.05 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 96 Resp: 126989
 Ion Ratio Lower Upper
 96 100
 61 152.9 122.3 183.5
 98 62.1 49.7 74.5





#13

Acrolein

Concen: 239.08 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

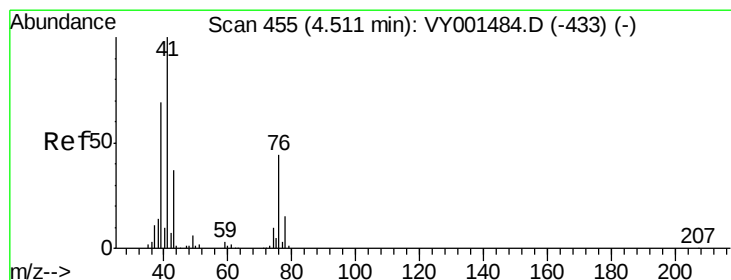
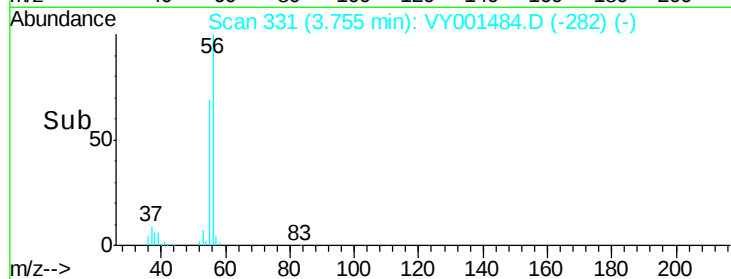
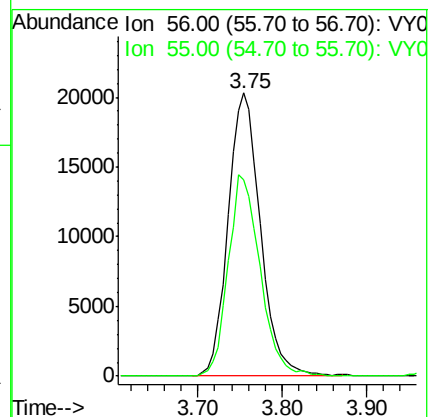
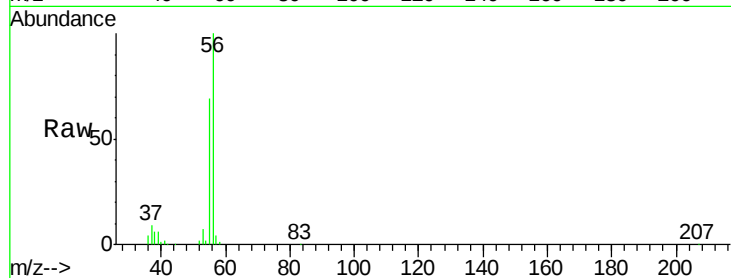
VSTDICCC050

Tgt Ion: 56 Resp: 53130

Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.4



#14

Allyl chloride

Concen: 43.40 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

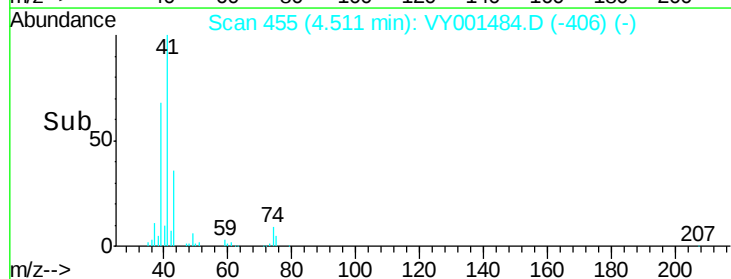
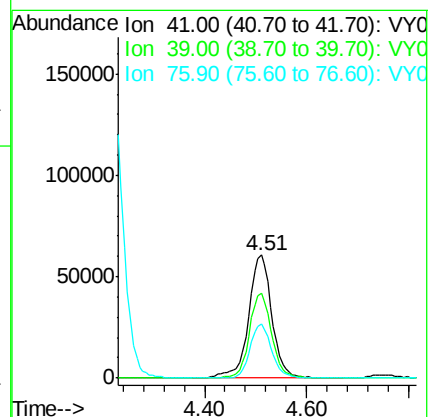
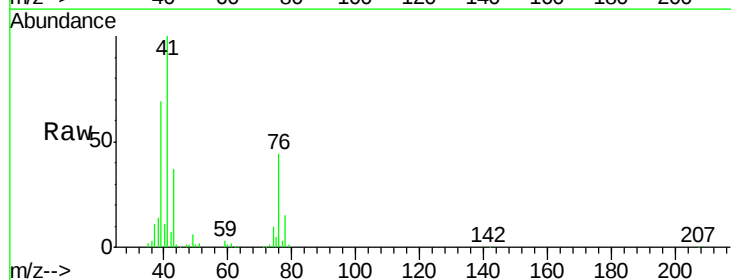
Tgt Ion: 41 Resp: 191116

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 40.7 32.6 48.8





#15

Acrylonitrile

Concen: 196.38 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

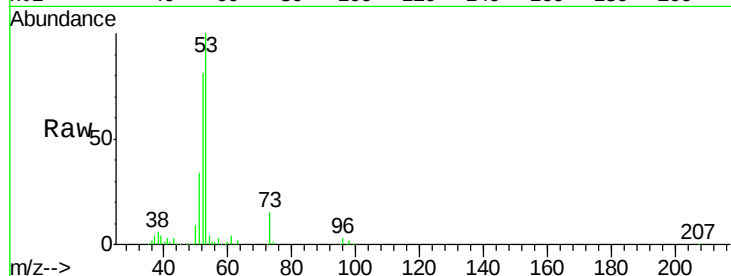
Tgt Ion: 53 Resp: 154643

Ion Ratio Lower Upper

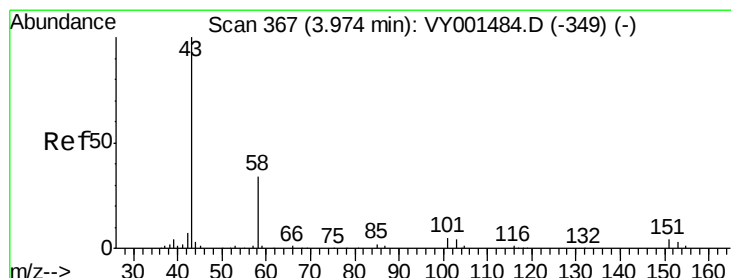
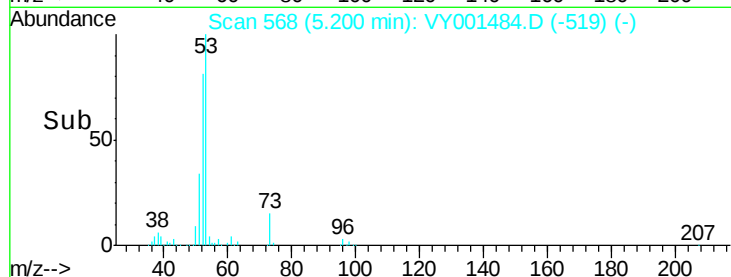
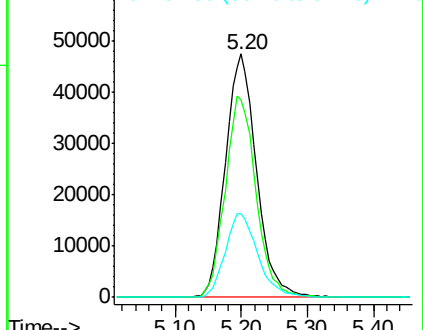
53 100

52 81.8 65.4 98.2

51 36.2 29.0 43.4



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



#16

Acetone

Concen: 228.79 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001484.D

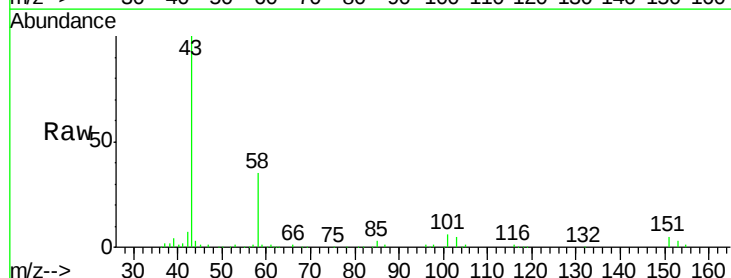
Acq: 04 Feb 2020 13:59

Tgt Ion: 43 Resp: 169764

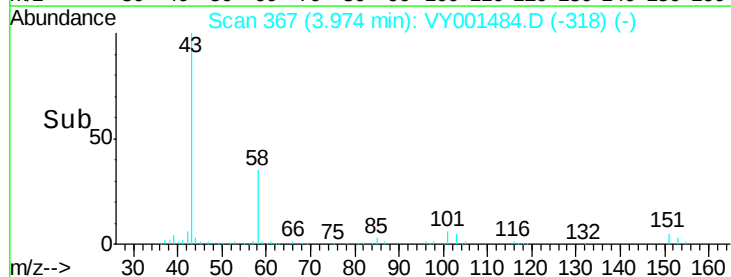
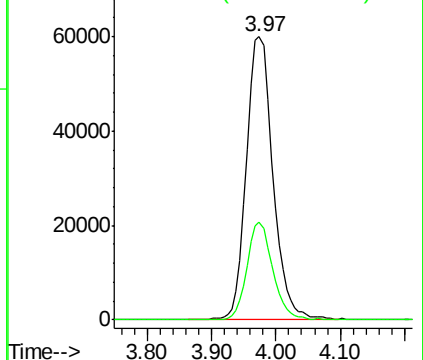
Ion Ratio Lower Upper

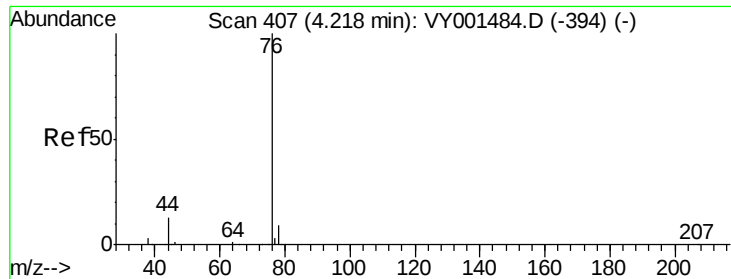
43 100

58 34.4 27.5 41.3



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

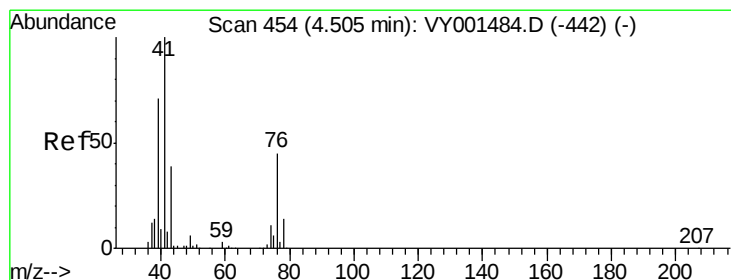
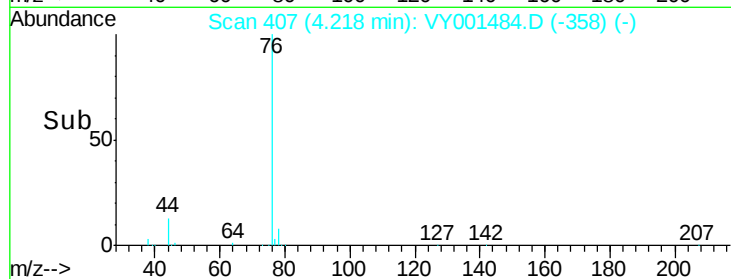
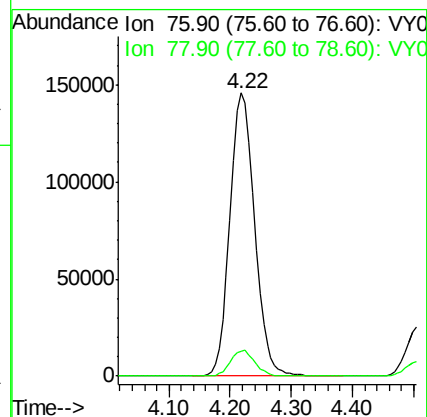
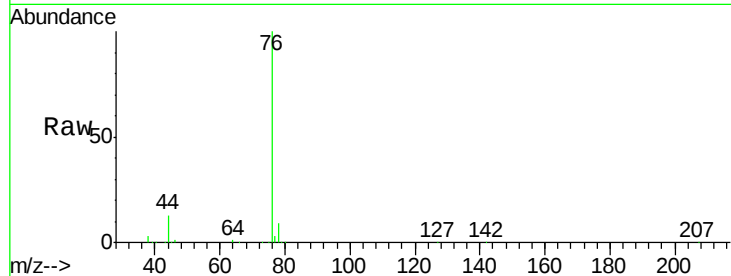




#17
Carbon Disulfide
Concen: 50.75 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

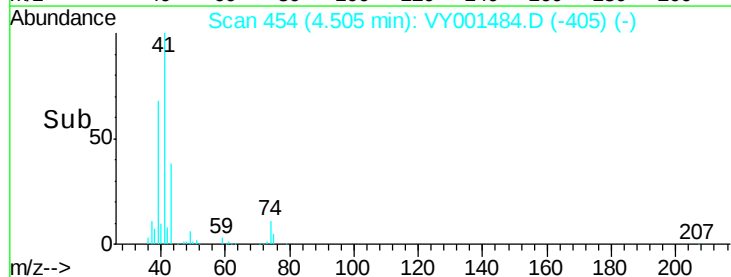
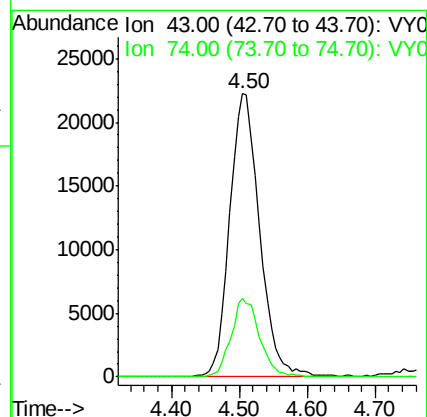
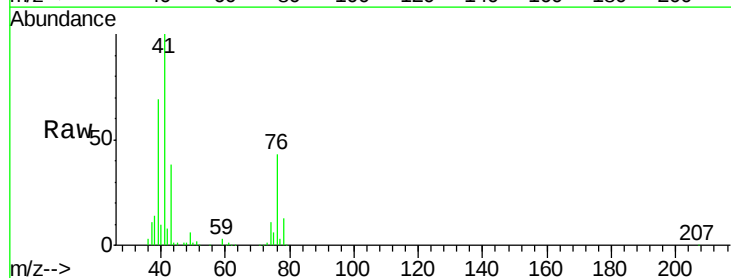
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

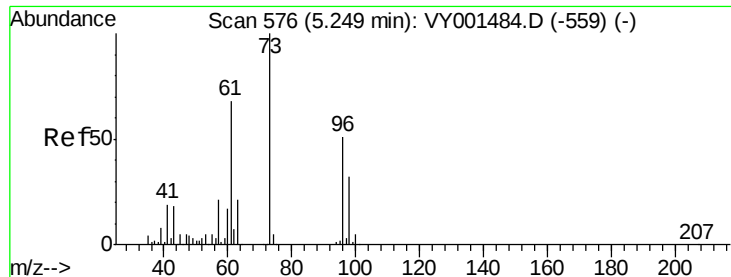
Tgt Ion: 76 Resp: 406314
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 32.83 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 43 Resp: 68009
Ion Ratio Lower Upper
43 100
74 26.3 21.0 31.6

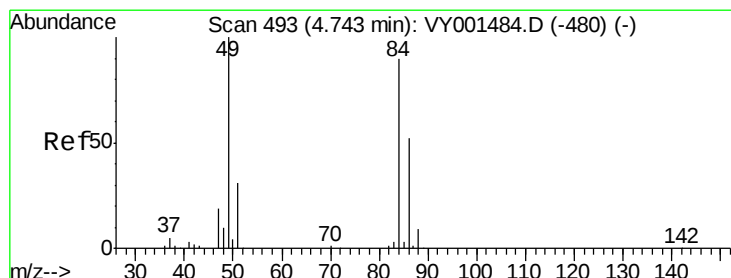
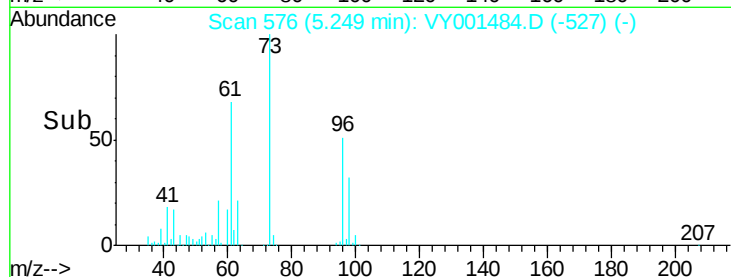
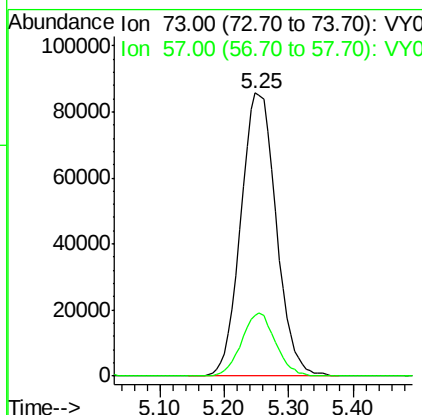
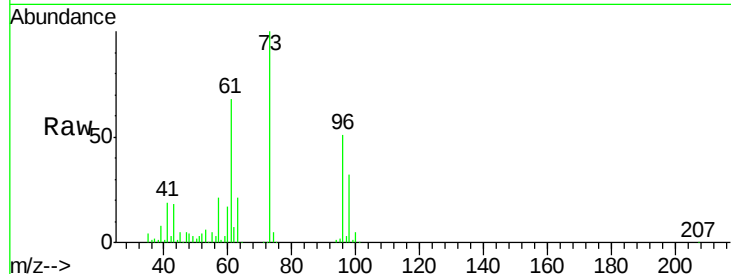




#19
Methyl tert-butyl Ether
Concen: 44.68 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

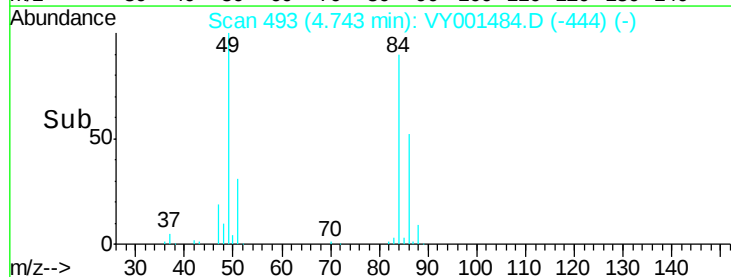
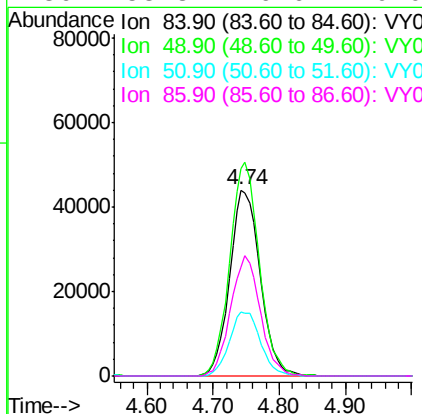
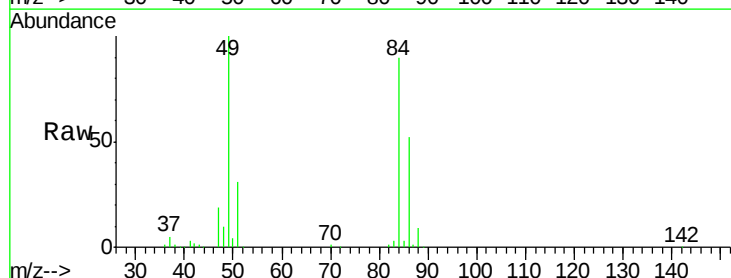
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

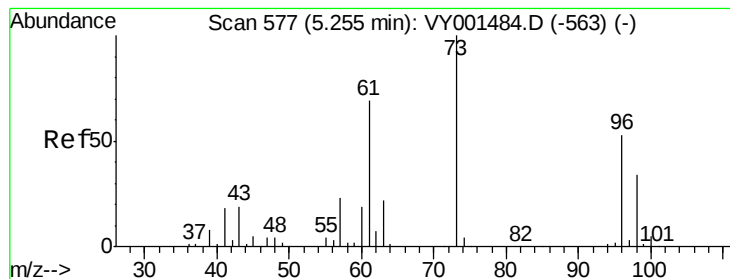
Tgt Ion: 73 Resp: 324808
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 35.70 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 84 Resp: 140723
Ion Ratio Lower Upper
84 100
49 111.3 89.0 133.6
51 34.3 27.4 41.2
86 58.3 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 47.69 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

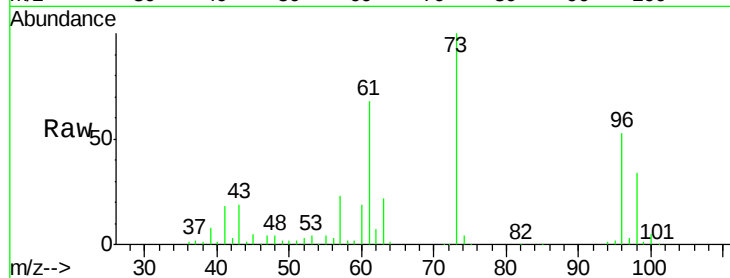
Tgt Ion: 96 Resp: 139253

Ion Ratio Lower Upper

96 100

61 130.3 104.2 156.4

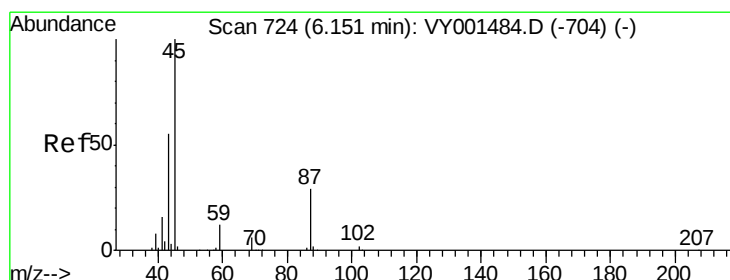
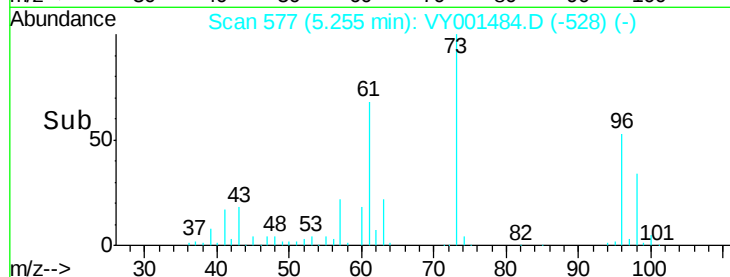
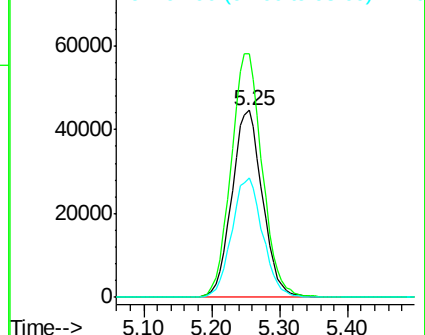
98 64.2 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VY001484.D (-563) (-)

Ion 60.90 (60.60 to 61.60): VY001484.D (-563) (-)

Ion 97.90 (97.60 to 98.60): VY001484.D (-563) (-)



#22

Diisopropyl ether

Concen: 40.89 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Tgt Ion: 45 Resp: 379462

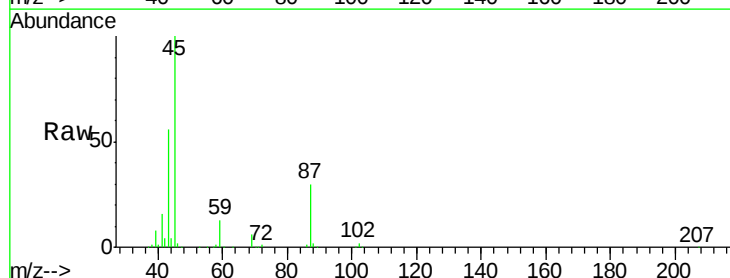
Ion Ratio Lower Upper

45 100

43 55.3 44.2 66.4

87 29.9 23.9 35.9

59 12.7 10.2 15.2

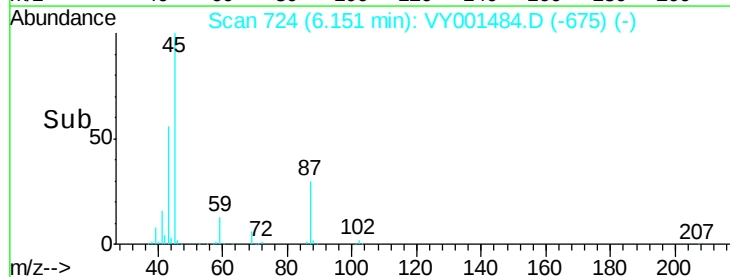
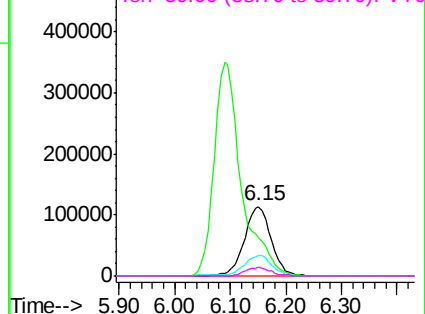


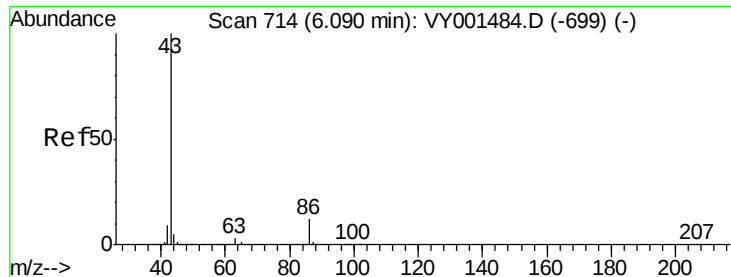
Abundance Ion 45.00 (44.70 to 45.70): VY001484.D (-704) (-)

Ion 43.00 (42.70 to 43.70): VY001484.D (-704) (-)

Ion 87.00 (86.70 to 87.70): VY001484.D (-704) (-)

Ion 59.00 (58.70 to 59.70): VY001484.D (-704) (-)





#23

Vinyl Acetate

Concen: 199.70 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

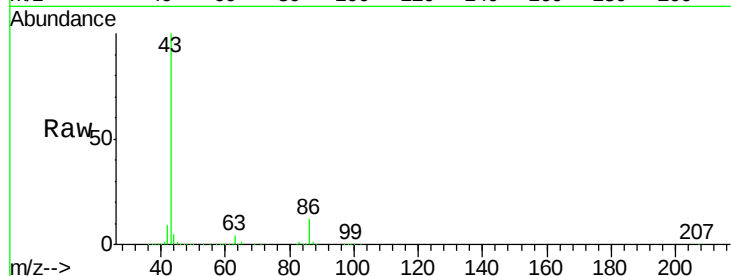
VSTDICCC050

Tgt Ion: 43 Resp: 1195382

Ion Ratio Lower Upper

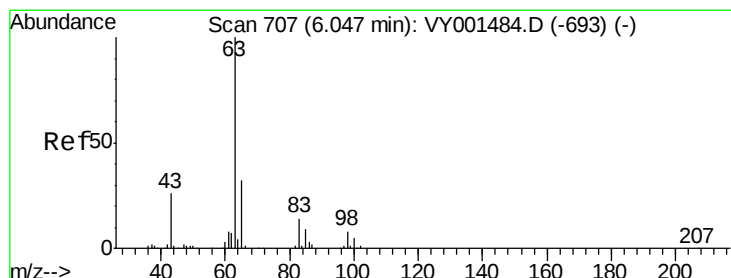
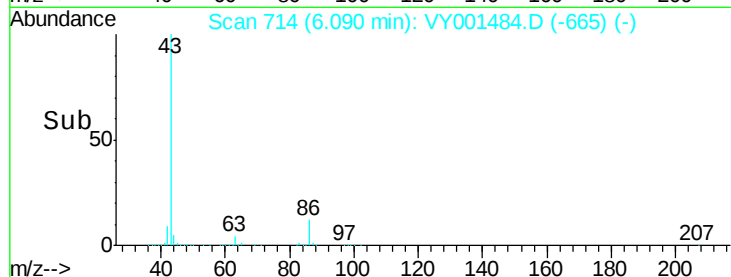
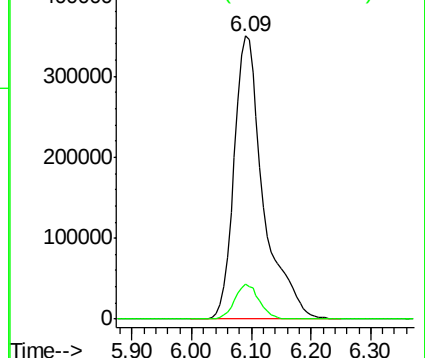
43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 45.89 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

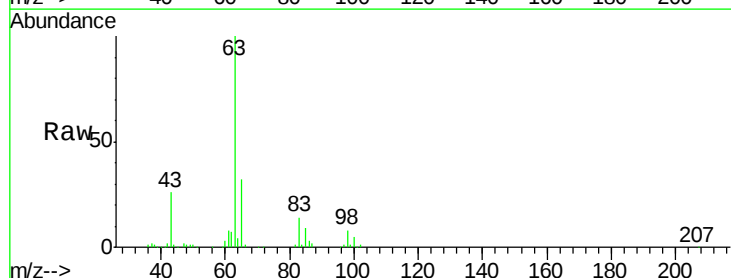
Tgt Ion: 63 Resp: 228498

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

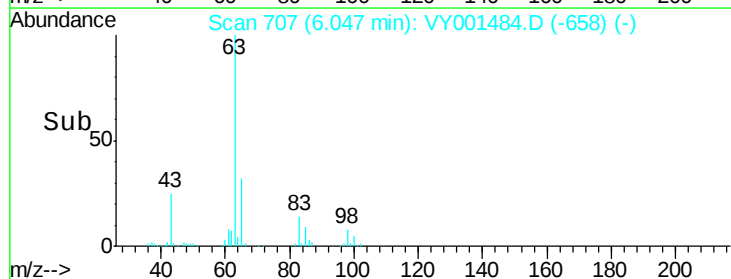
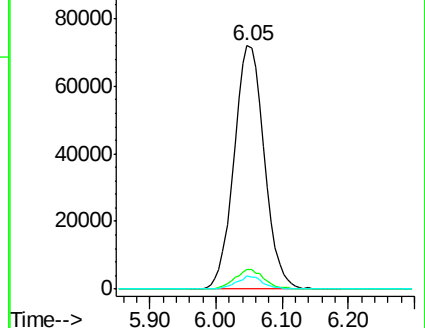
100 5.3 2.6 8.0

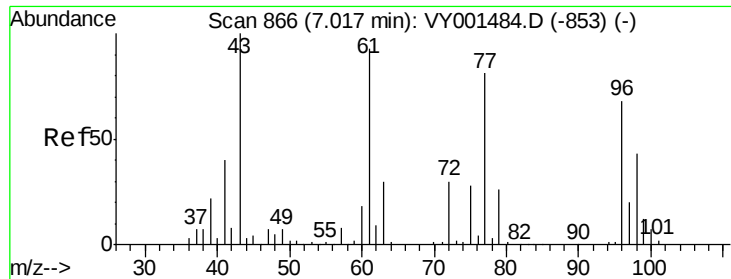


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 198.23 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

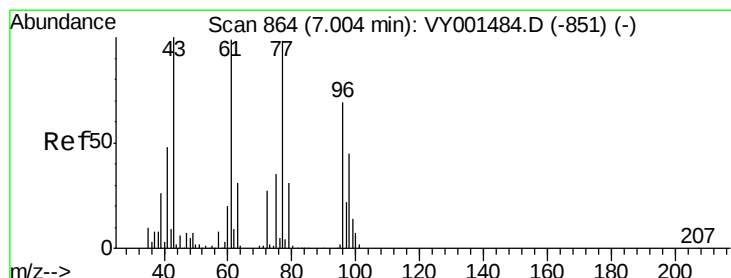
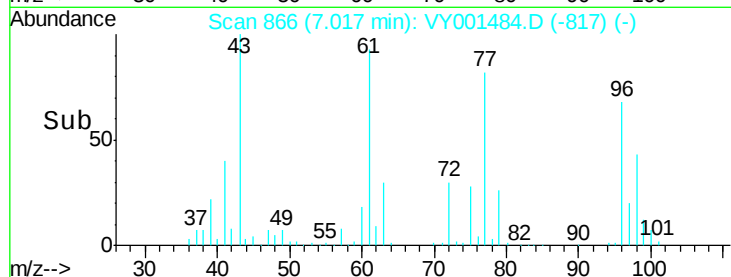
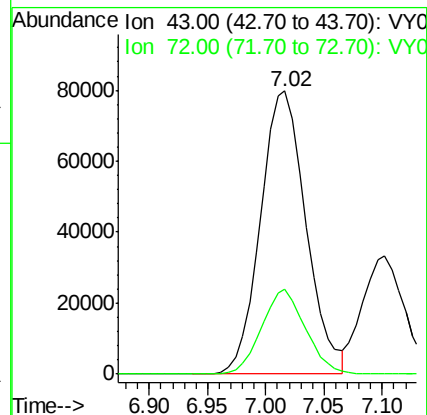
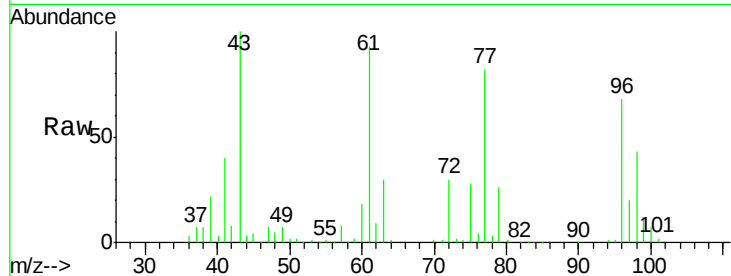
VSTDICCC050

Tgt Ion: 43 Resp: 215821

Ion Ratio Lower Upper

43 100

72 29.8 23.8 35.8



#26

2,2-Dichloropropane

Concen: 47.16 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001484.D

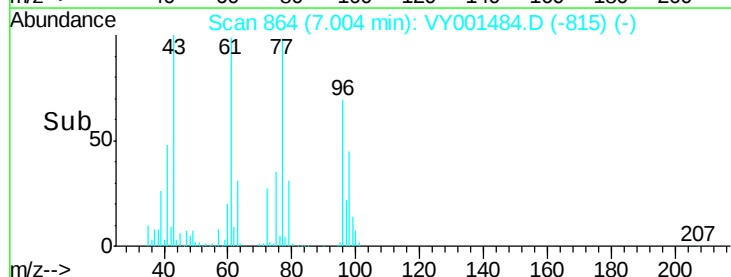
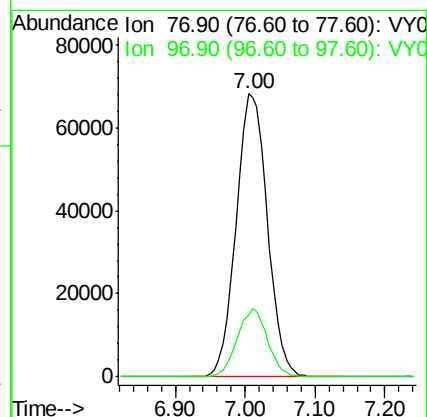
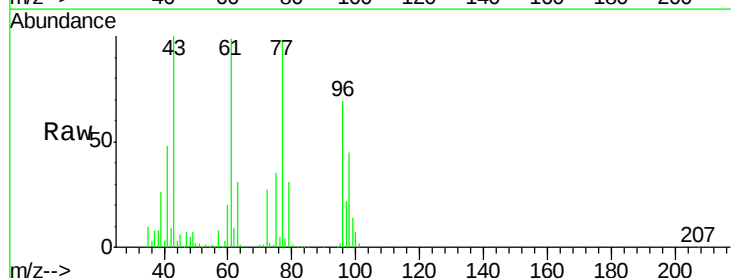
Acq: 04 Feb 2020 13:59

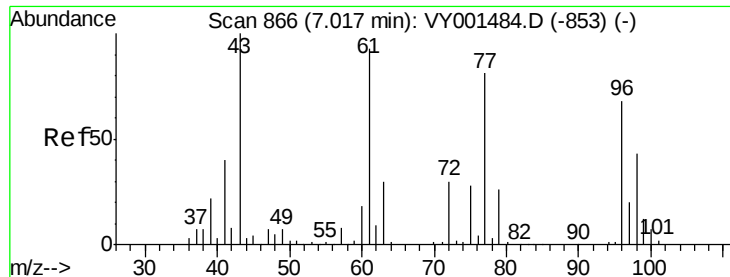
Tgt Ion: 77 Resp: 211347

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0

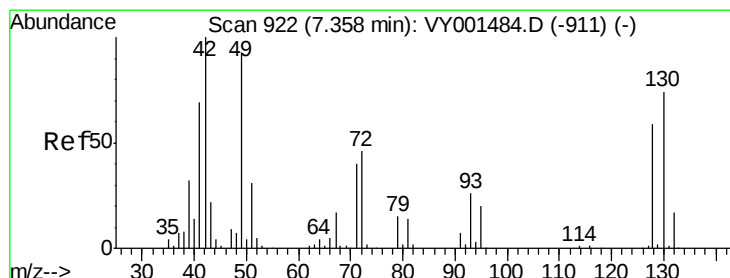
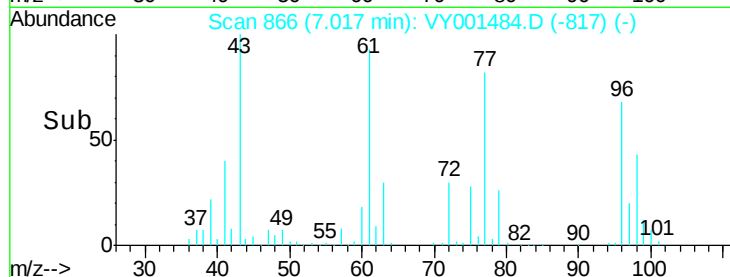
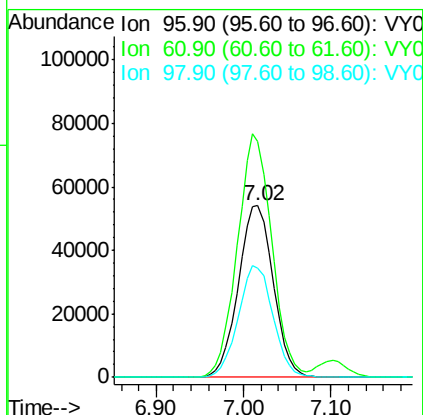
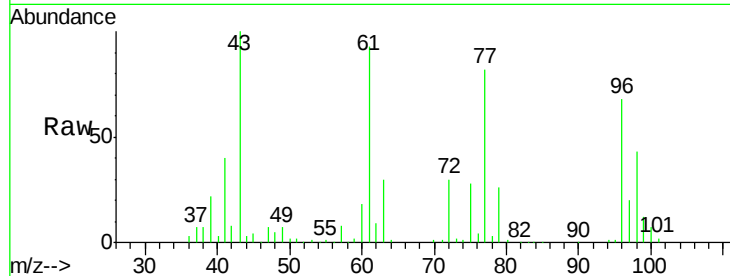




#27
 cis-1,2-Dichloroethene
 Concen: 46.37 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

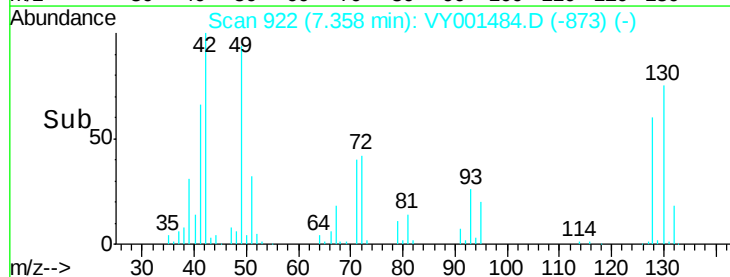
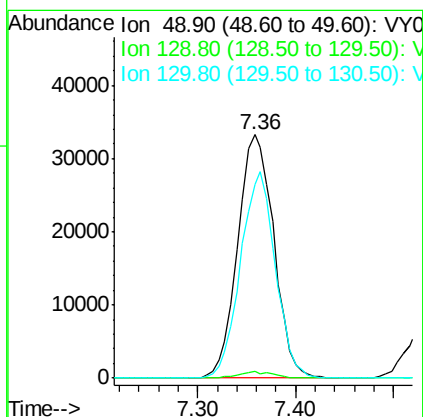
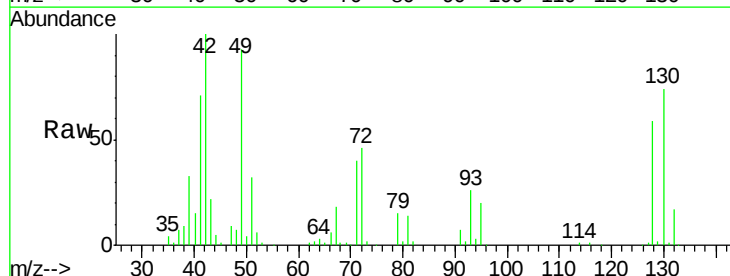
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

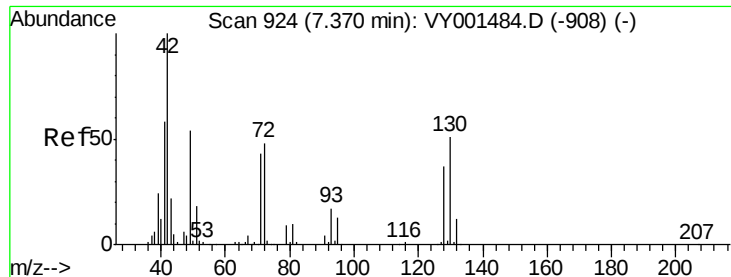
Tgt Ion: 96 Resp: 150459
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 278.8
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 42.51 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 49 Resp: 85403
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 81.8 65.4 98.2

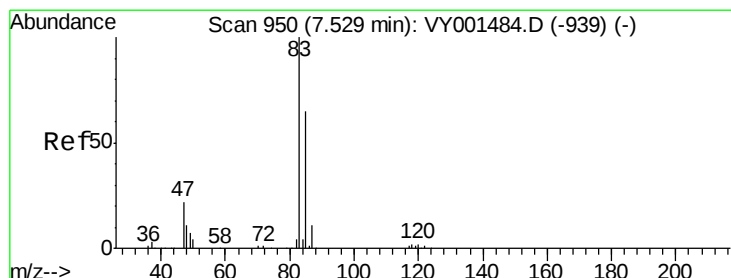
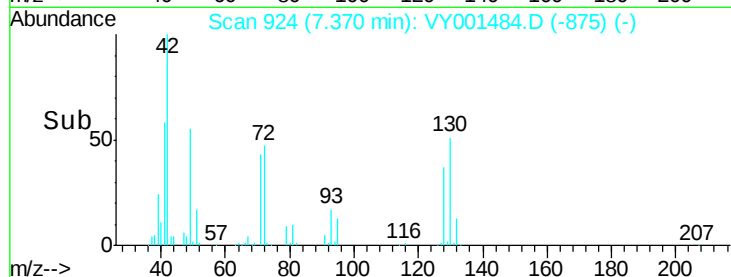
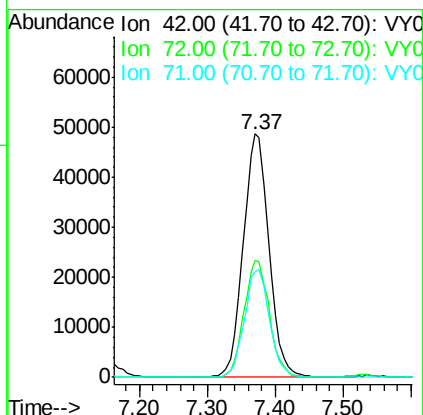
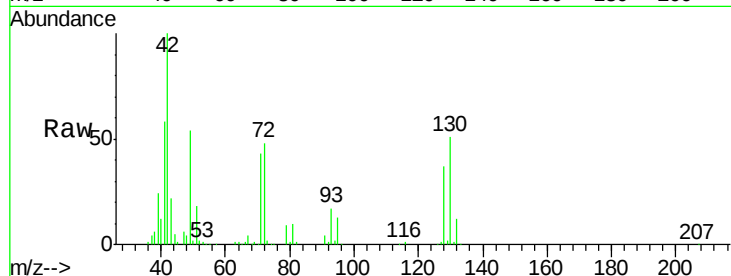




#29
Tetrahydrofuran
Concen: 182.86 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

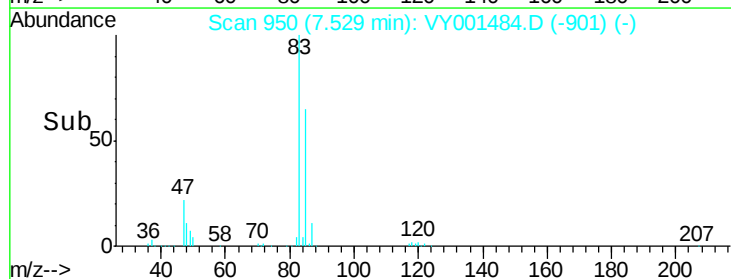
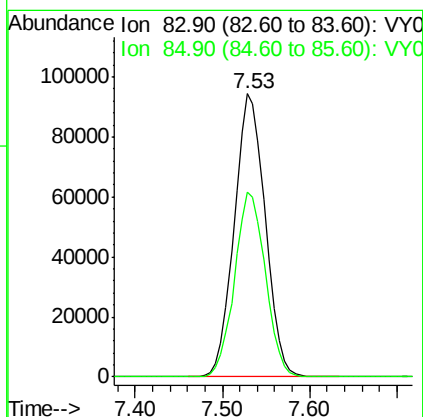
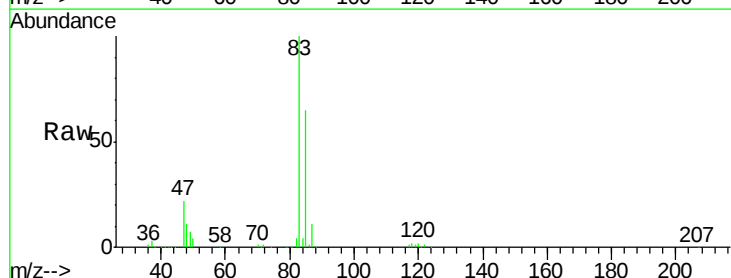
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

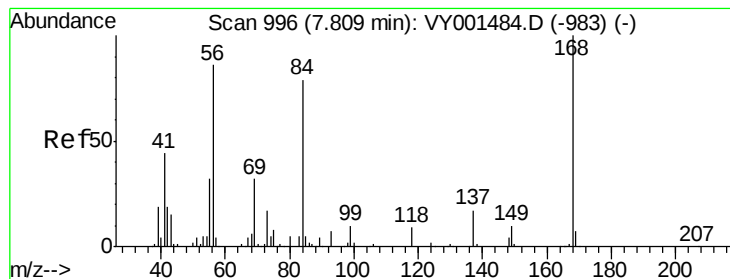
Tgt Ion: 42 Resp: 127917
Ion Ratio Lower Upper
42 100
72 47.2 37.8 56.6
71 43.5 34.8 52.2



#30
Chloroform
Concen: 47.12 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 83 Resp: 231889
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6





#31

Cyclohexane

Concen: 45.50 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

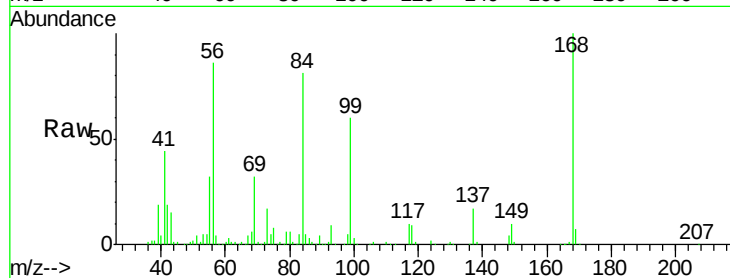
Tgt Ion: 56 Resp: 226202

Ion Ratio Lower Upper

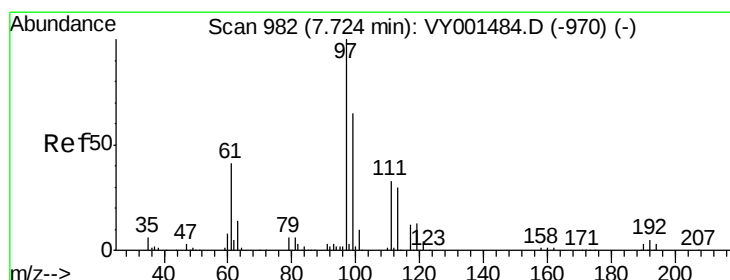
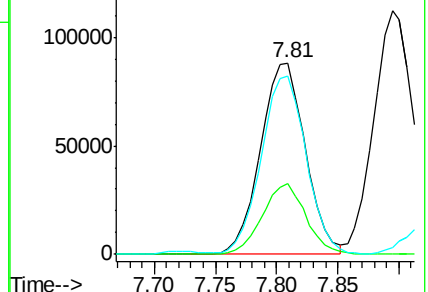
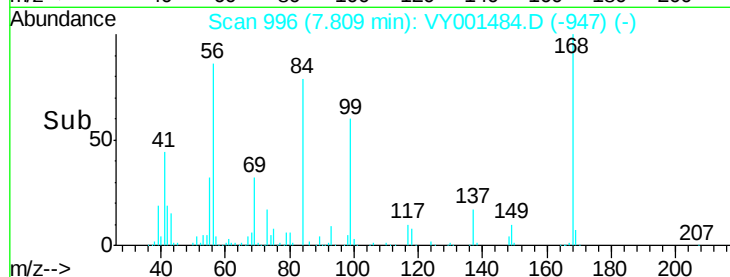
56 100

69 37.0 29.6 44.4

84 92.0 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 50.62 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

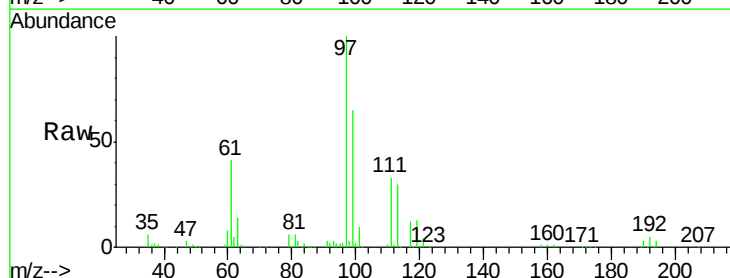
Tgt Ion: 97 Resp: 212369

Ion Ratio Lower Upper

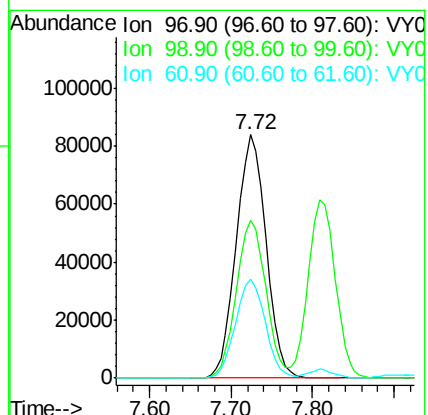
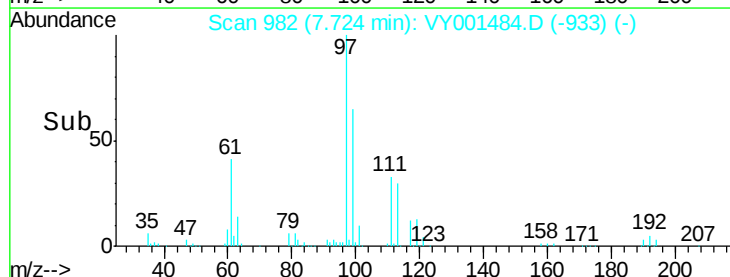
97 100

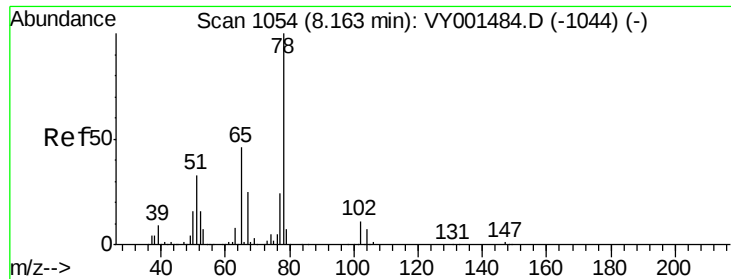
99 64.8 51.8 77.8

61 40.6 32.5 48.7



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

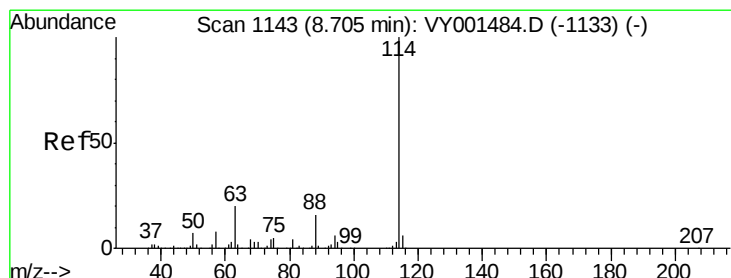
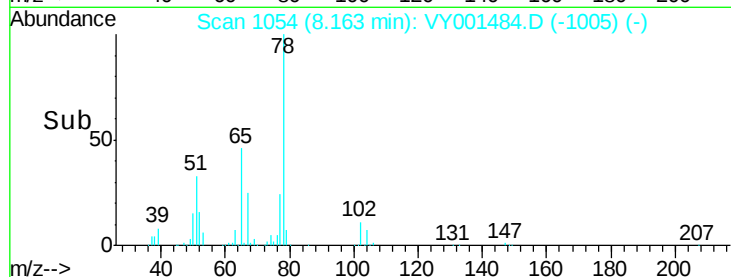
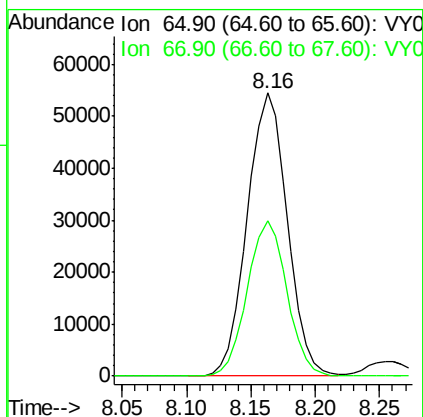
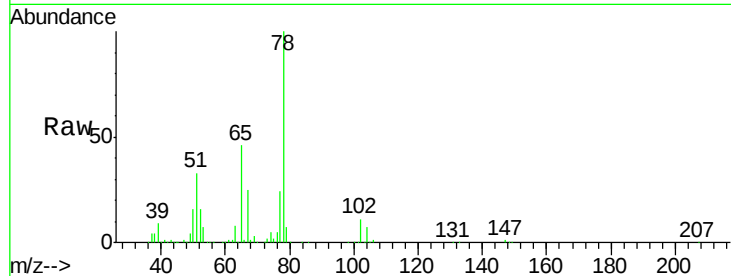




#33
 1,2-Dichloroethane-d4
 Concen: 46.24 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

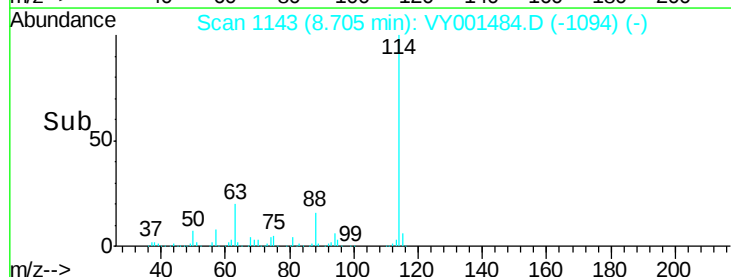
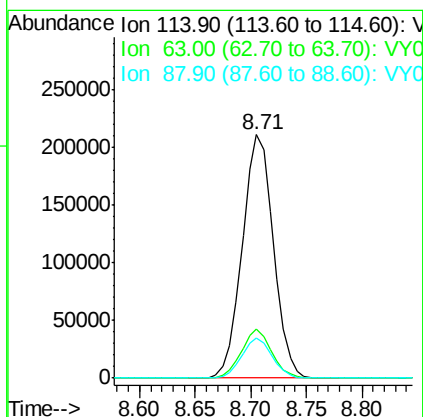
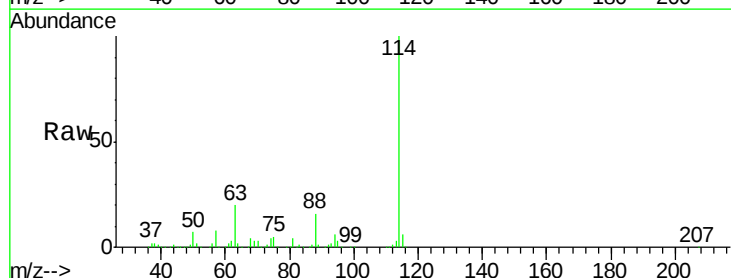
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

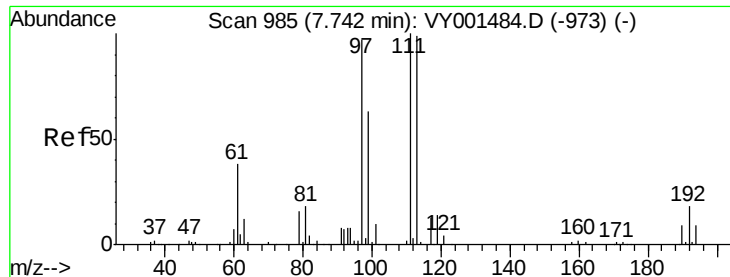
Tgt Ion: 65 Resp: 117343
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 114 Resp: 409936
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 16.3 0.0 32.6

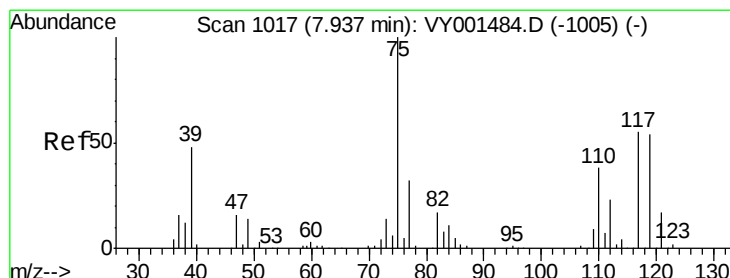
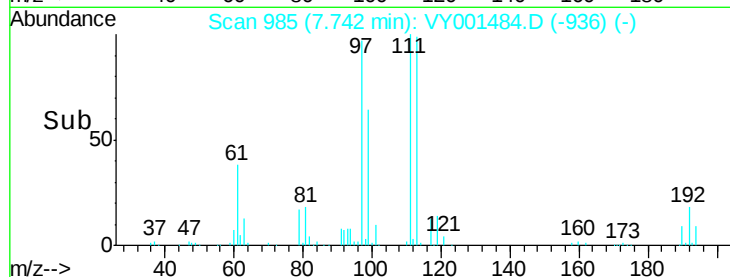
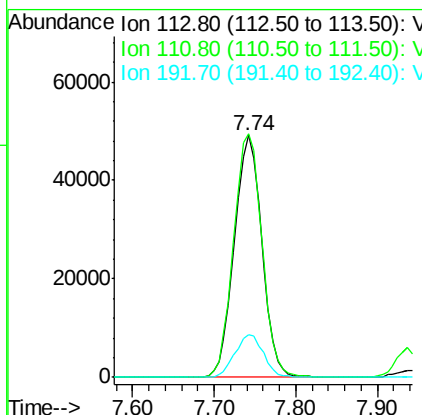
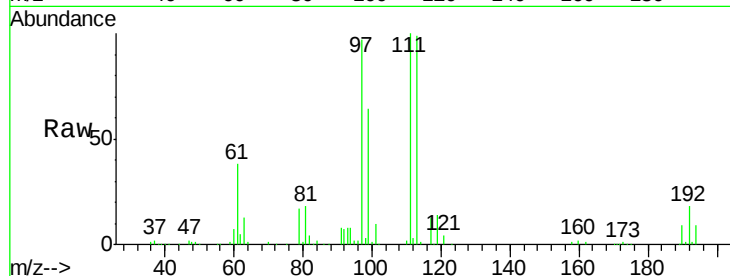




#35
 Dibromofluoromethane
 Concen: 47.87 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

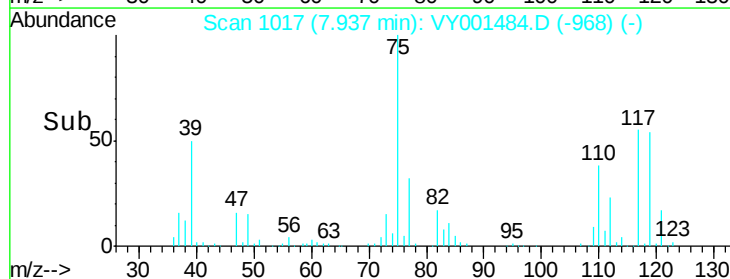
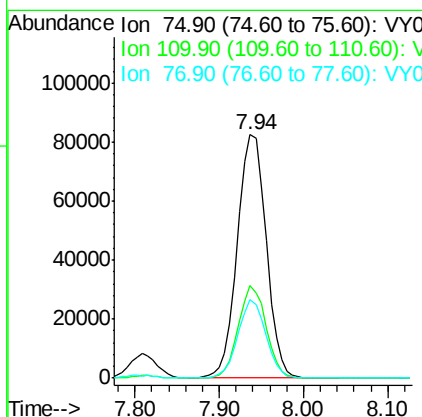
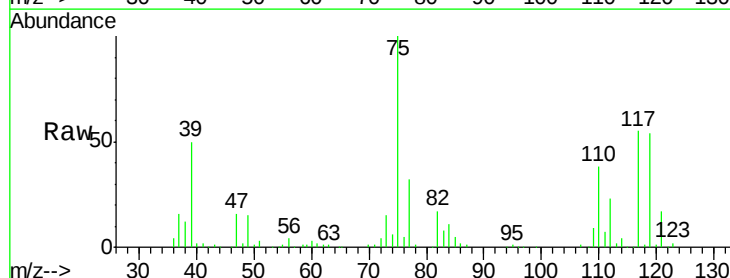
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 114499
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.3 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 49.11 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 75 Resp: 190767
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.2 25.0 37.4

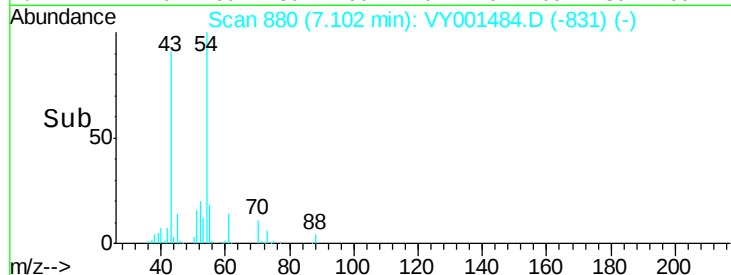
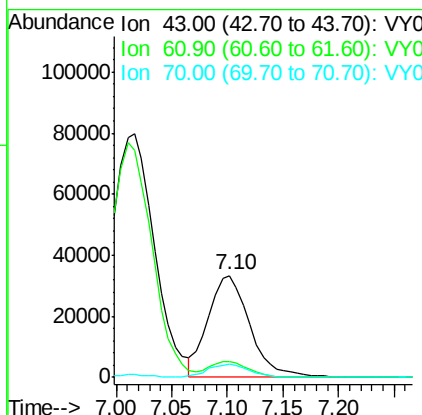
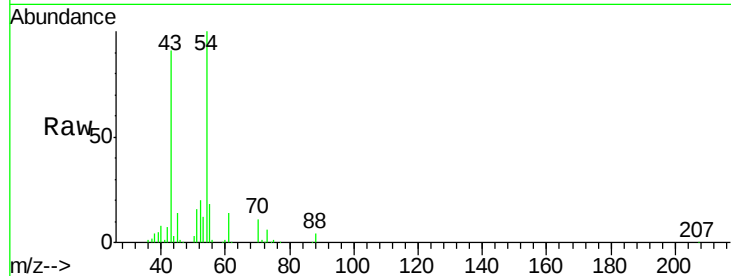




#37
 Ethyl Acetate
 Concen: 38.06 ug/l
 RT: 7.10 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

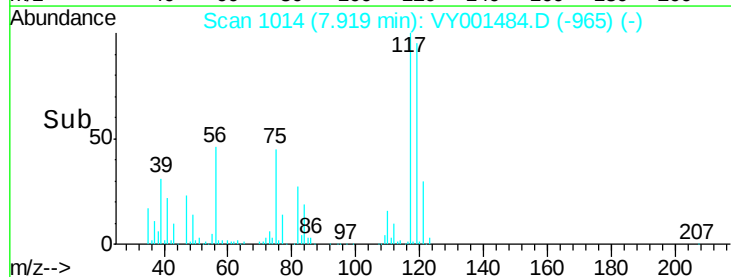
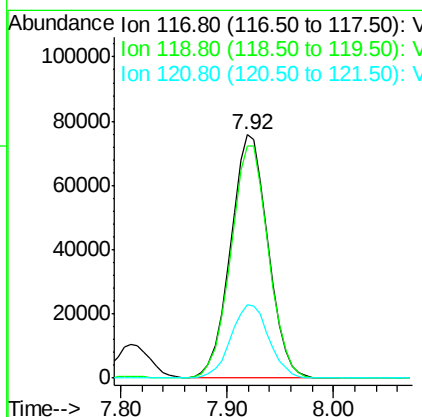
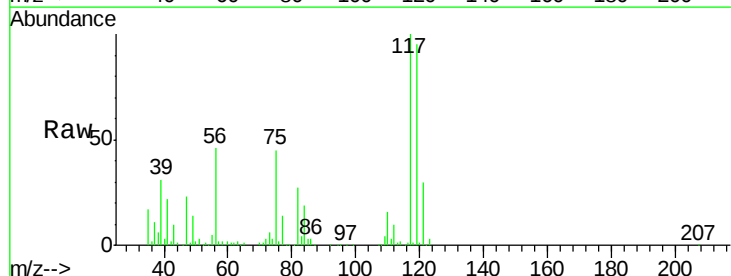
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

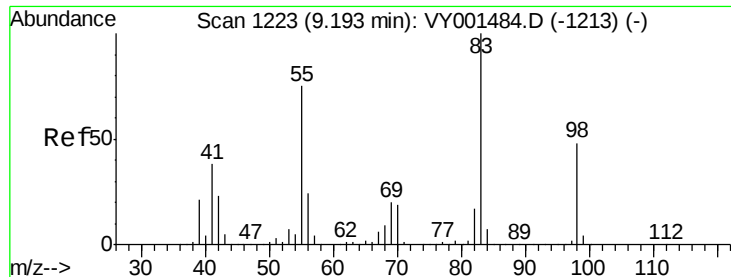
Tgt Ion: 43 Resp: 86437
 Ion Ratio Lower Upper
 43 100
 61 15.0 12.0 18.0
 70 12.8 10.2 15.4



#38
 Carbon Tetrachloride
 Concen: 53.18 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 117 Resp: 186541
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.4 114.6
 121 30.3 24.2 36.4

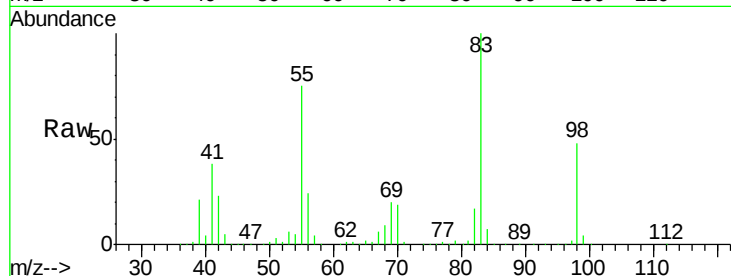




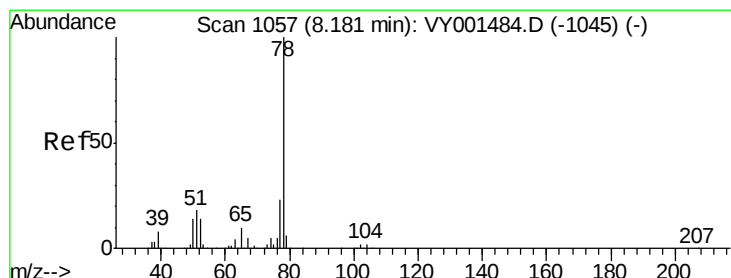
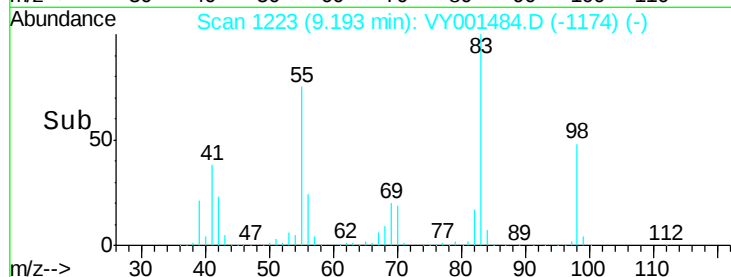
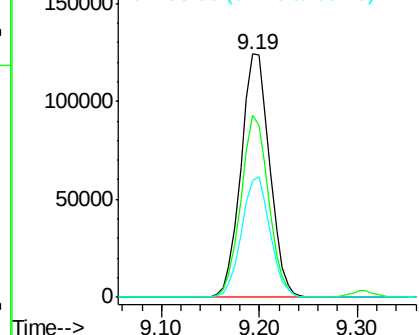
#39
Methylcyclohexane
Concen: 50.88 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 254214
Ion Ratio Lower Upper
83 100
55 74.7 59.8 89.6
98 48.2 38.6 57.8

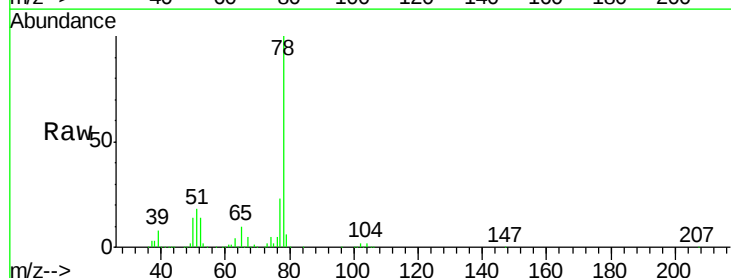


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

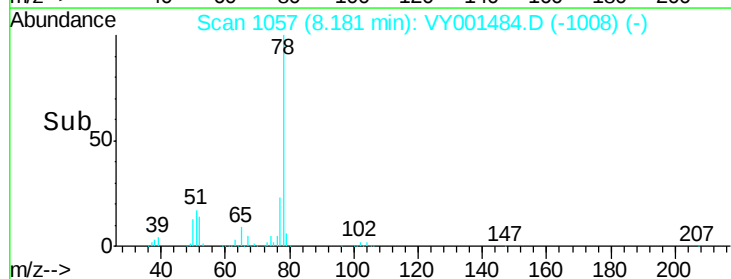
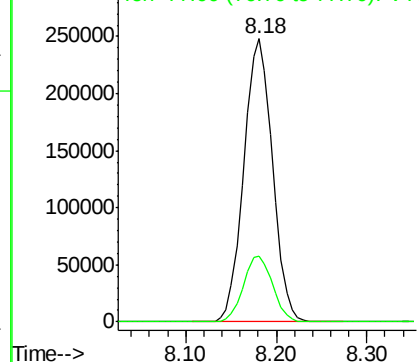


#40
Benzene
Concen: 46.96 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 78 Resp: 541717
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7



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

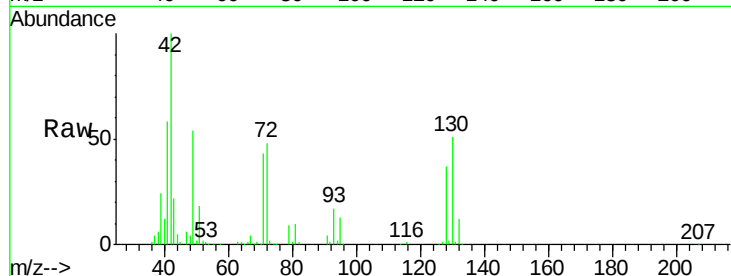




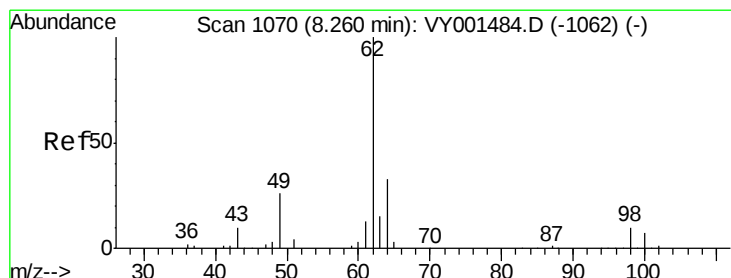
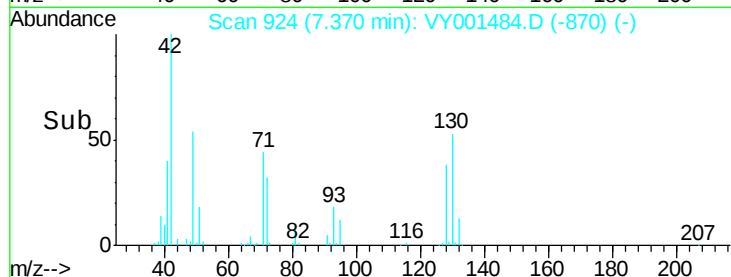
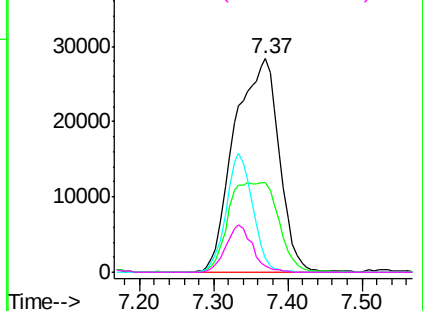
#41
Methacrylonitrile
Concen: 102.77 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 119156
Ion Ratio Lower Upper
41 100
39 46.7 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

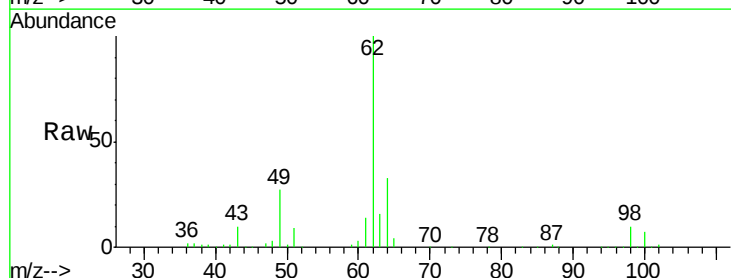


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

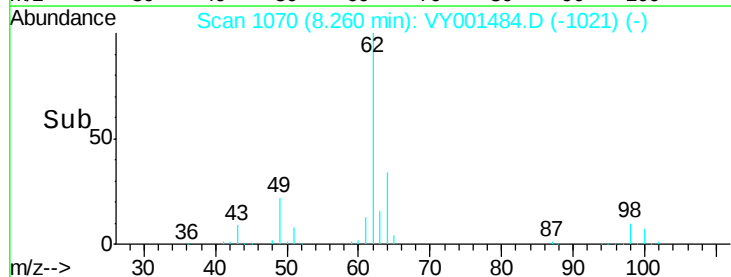
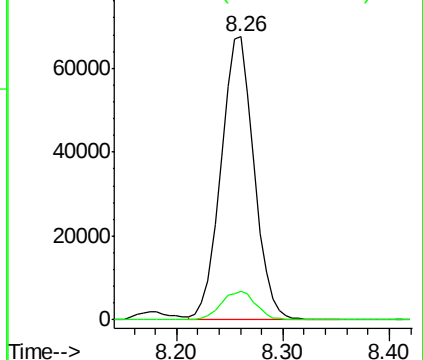


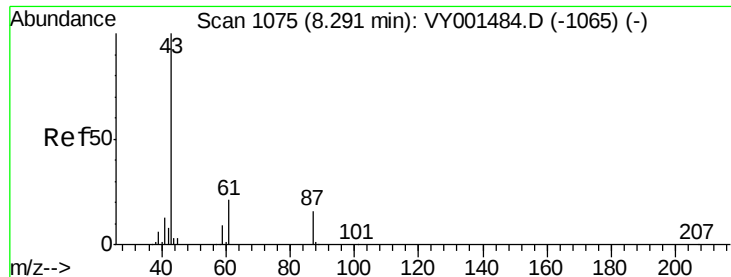
#42
1,2-Dichloroethane
Concen: 45.62 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 62 Resp: 146157
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 39.21 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

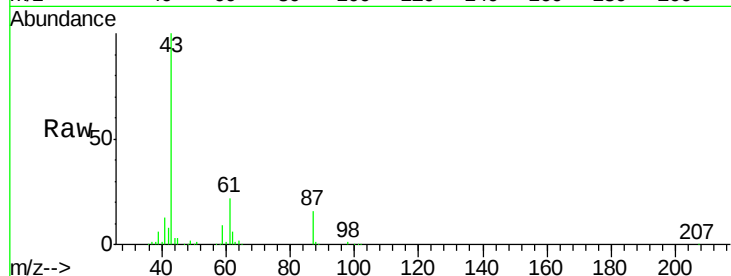
Tgt Ion: 43 Resp: 173191

Ion Ratio Lower Upper

43 100

61 31.4 25.1 37.7

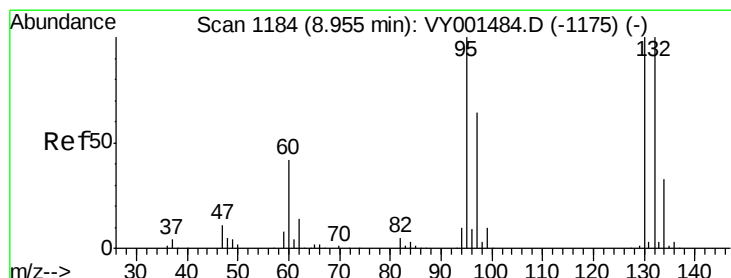
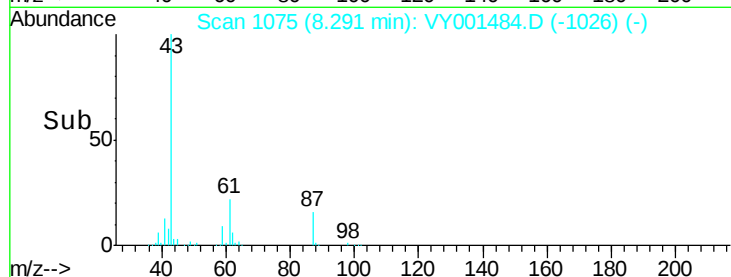
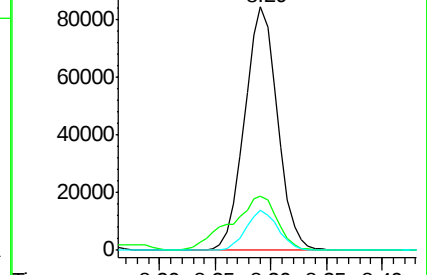
87 15.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001484.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001484.D (-1065) (-)



#44

Trichloroethene

Concen: 48.66 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001484.D

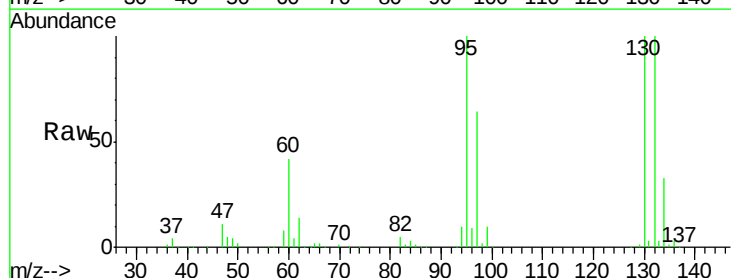
Acq: 04 Feb 2020 13:59

Tgt Ion: 130 Resp: 145374

Ion Ratio Lower Upper

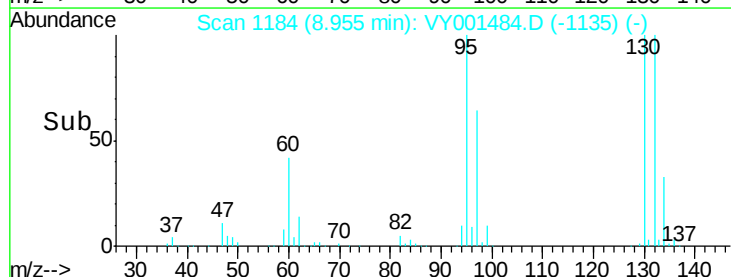
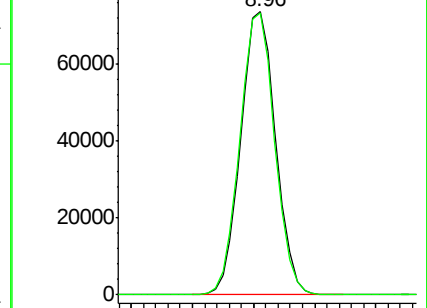
130 100

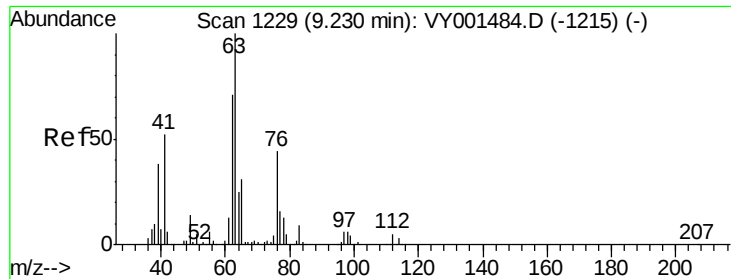
95 99.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001484.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001484.D (-1175) (-)

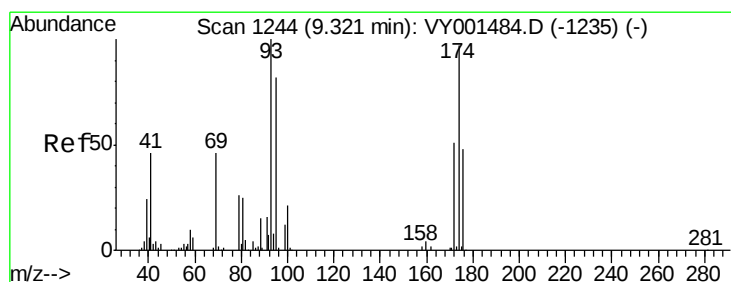
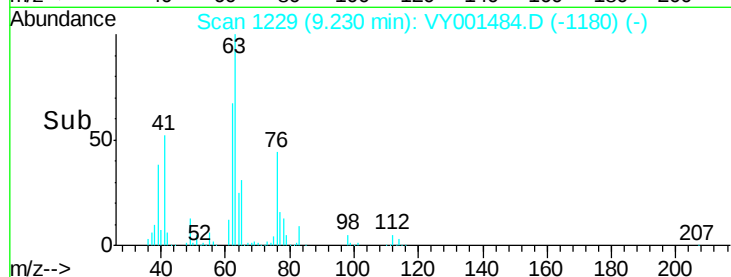
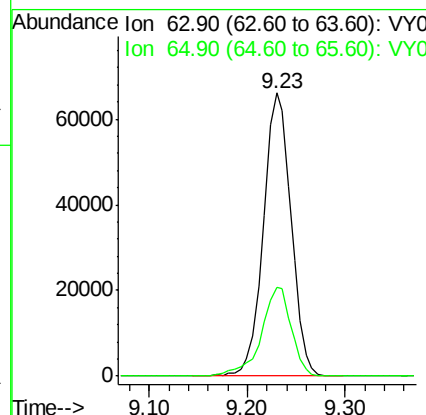
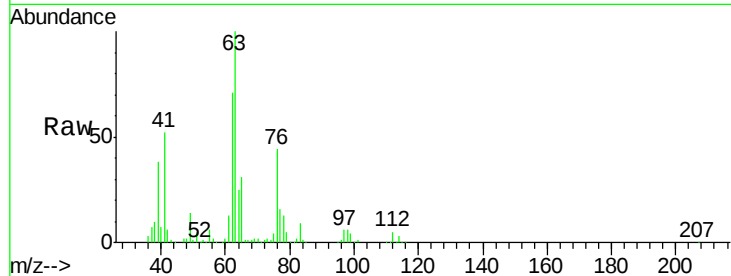




#45
 1,2-Dichloropropane
 Concen: 44.83 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

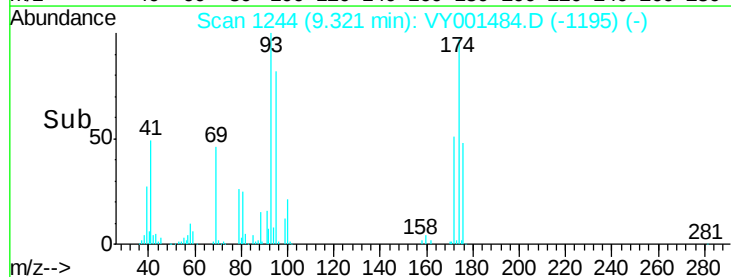
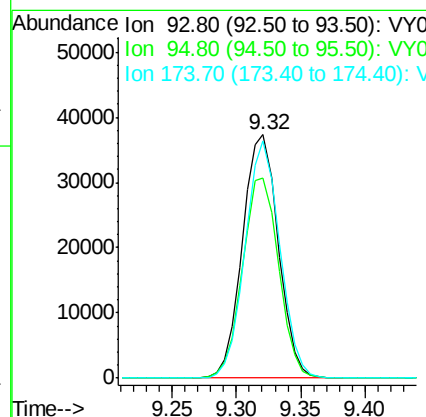
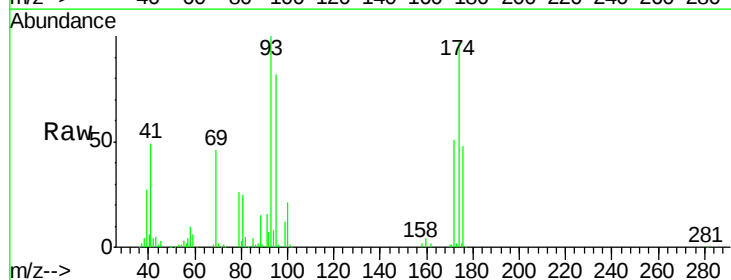
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

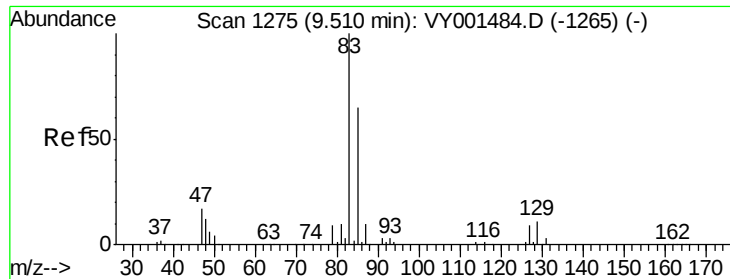
Tgt Ion: 63 Resp: 129464
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 45.96 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 93 Resp: 71705
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 94.3 75.4 113.2





#47

Bromodichloromethane

Concen: 47.67 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

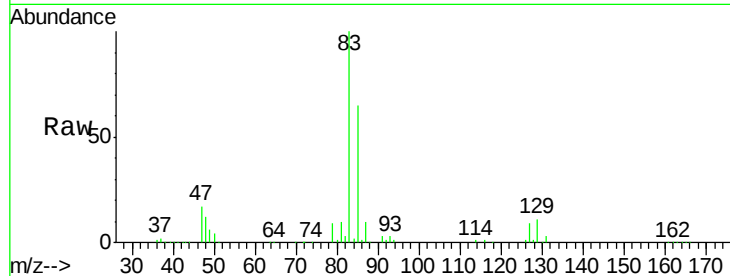
Tgt Ion: 83 Resp: 179022

Ion Ratio Lower Upper

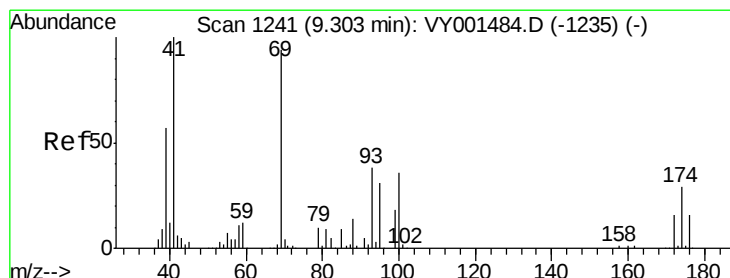
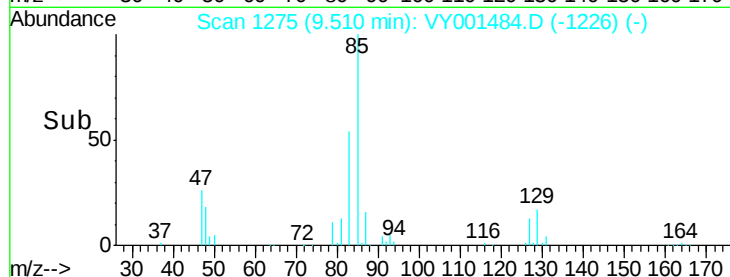
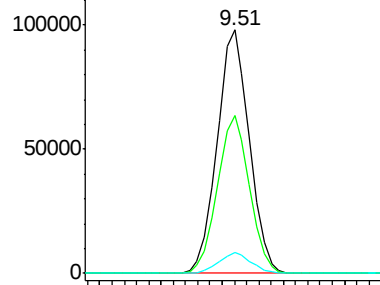
83 100

85 64.9 51.9 77.9

127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 39.31 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

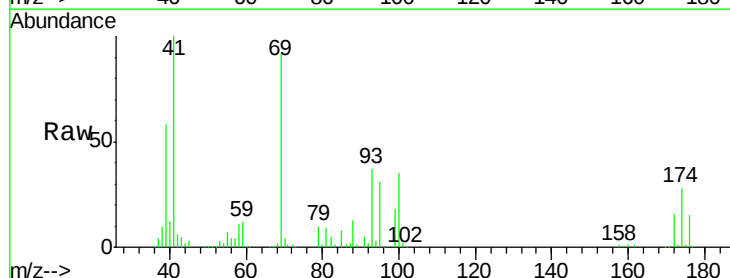
Tgt Ion: 41 Resp: 79227

Ion Ratio Lower Upper

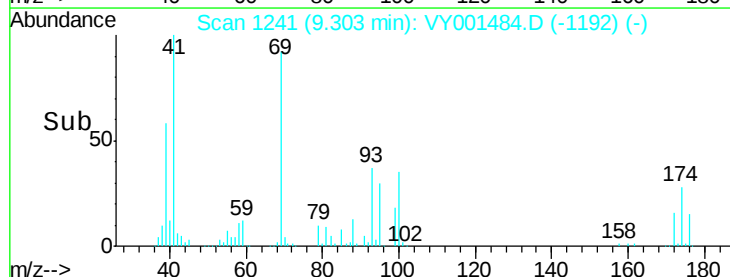
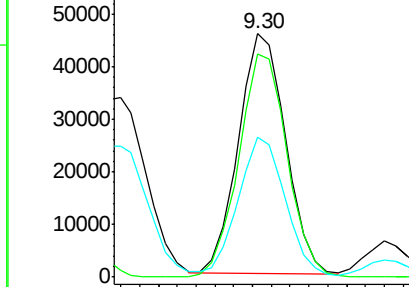
41 100

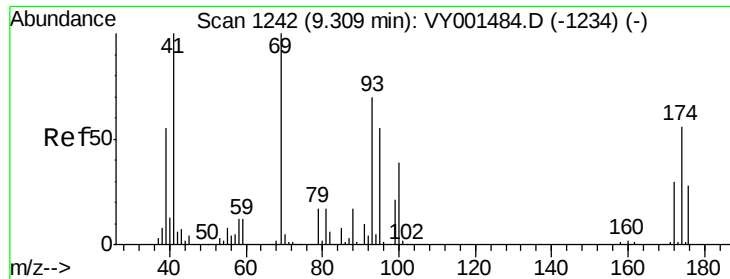
69 95.7 76.6 114.8

39 56.7 45.4 68.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

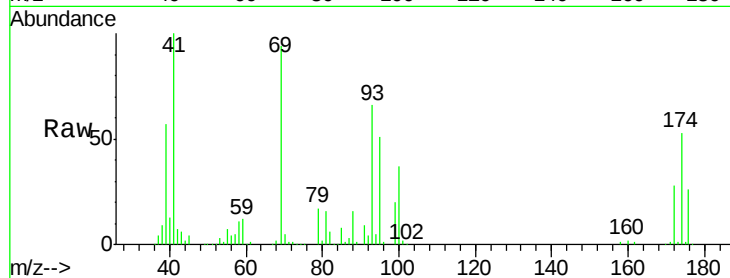




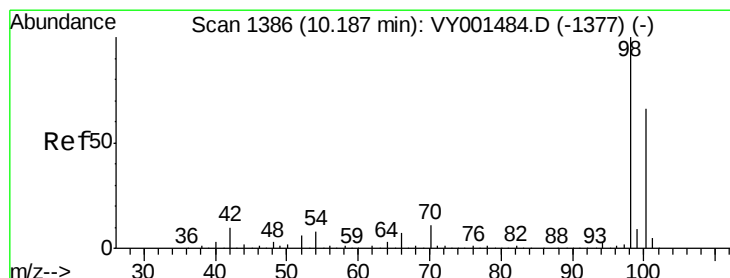
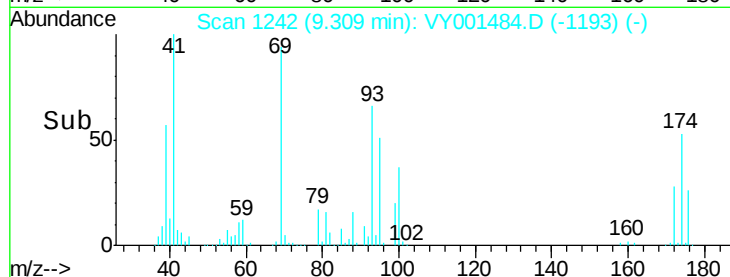
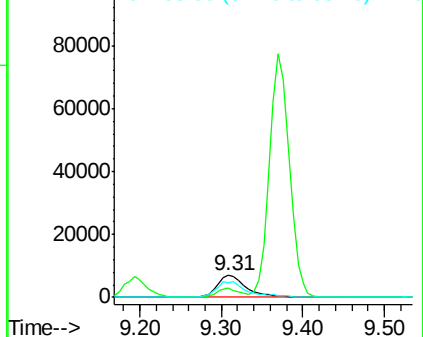
#49
 1,4-Dioxane
 Concen: 827.73 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 17933
 Ion Ratio Lower Upper
 88 100
 43 31.0 24.8 37.2
 58 74.1 59.3 88.9

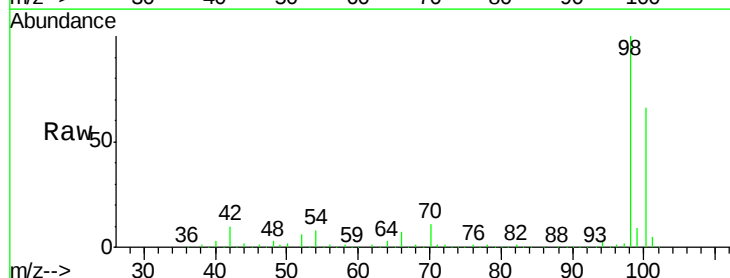


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

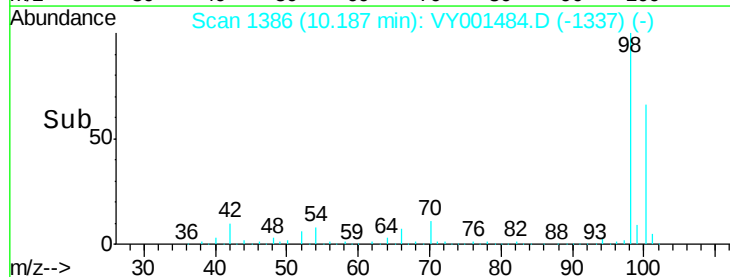
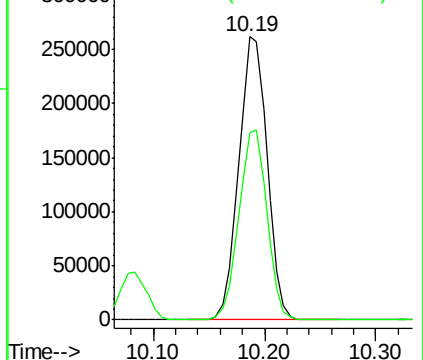


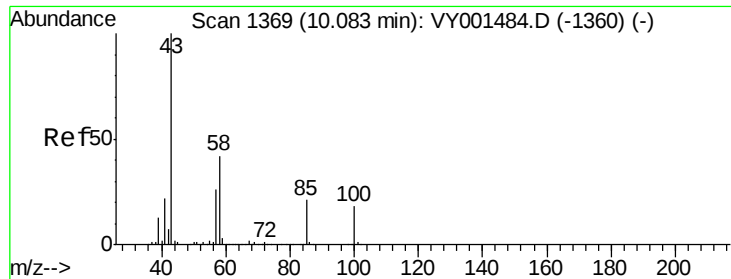
#50
 Toluene-d8
 Concen: 49.86 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 98 Resp: 462594
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.6



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

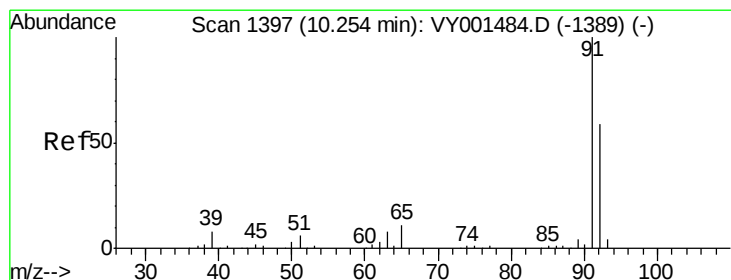
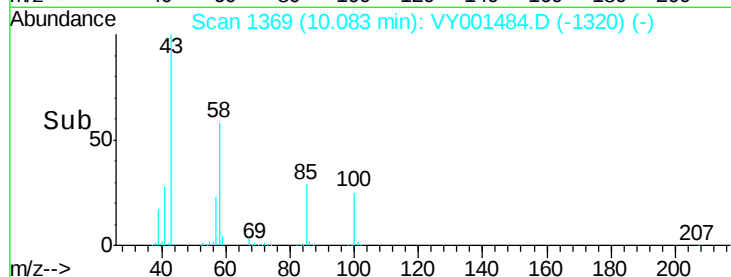
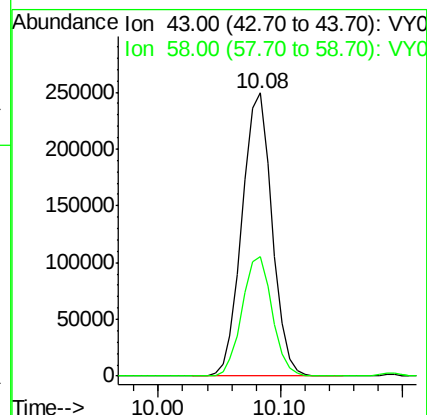
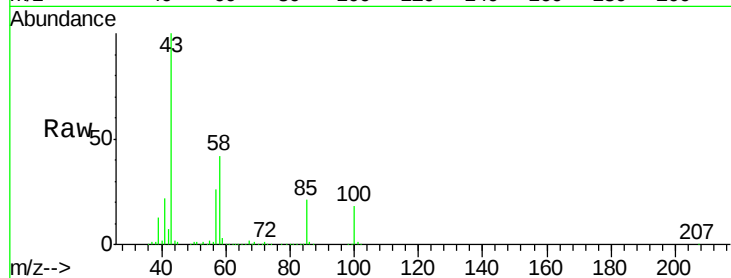




#51
 4-Methyl-2-Pentanone
 Concen: 186.79 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

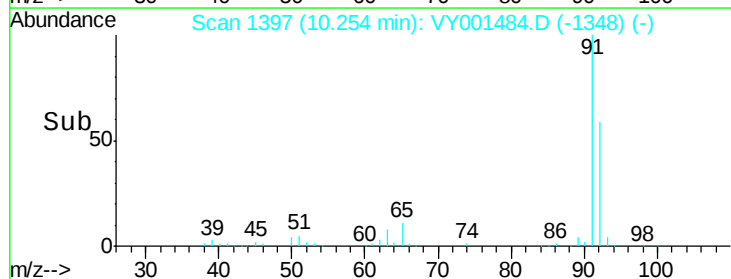
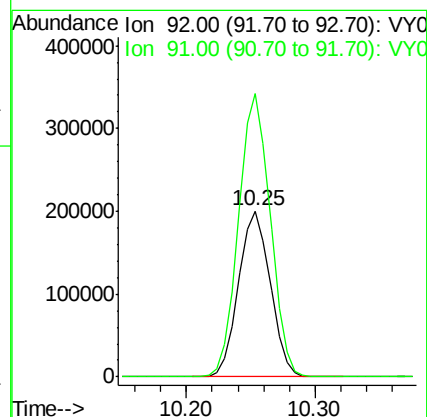
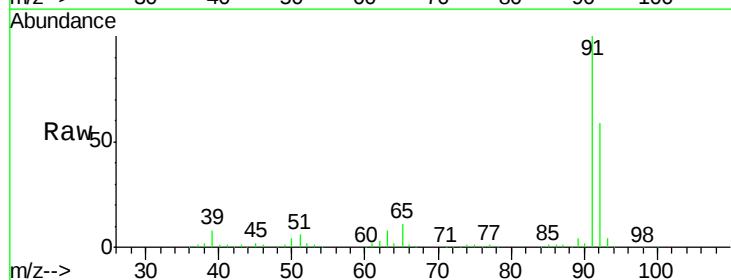
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

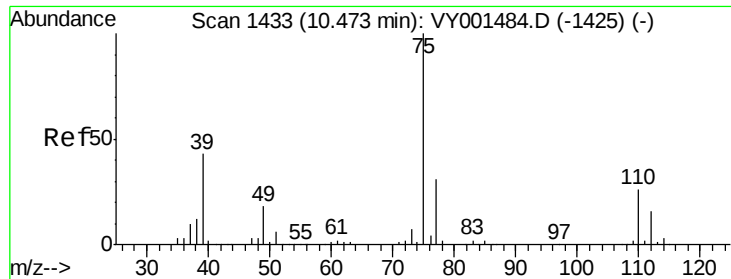
Tgt Ion: 43 Resp: 423033
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.9 50.9



#52
 Toluene
 Concen: 46.81 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 92 Resp: 342022
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 46.75 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampled :

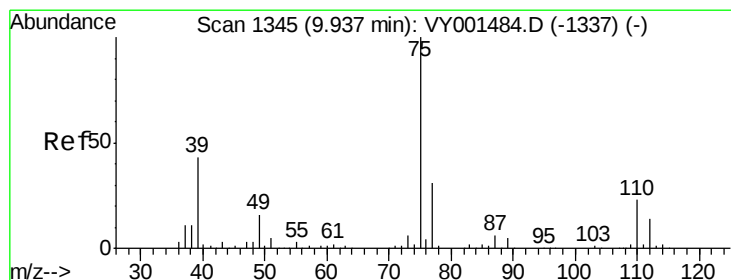
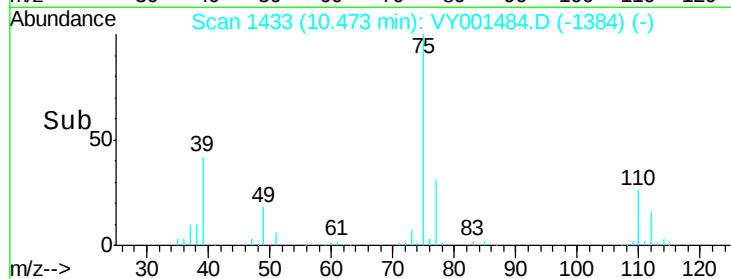
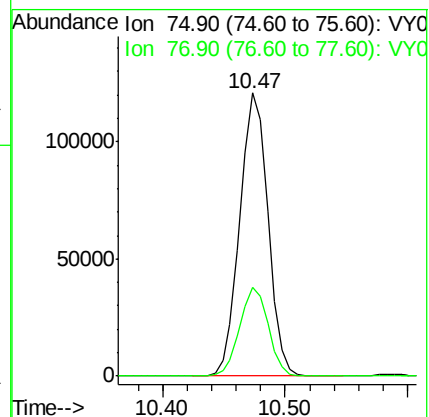
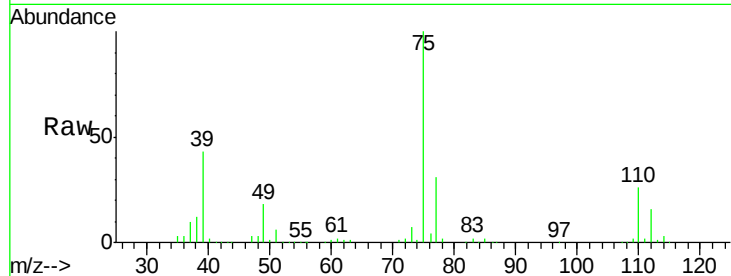
VSTDICCC050

Tgt Ion: 75 Resp: 192943

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 47.07 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

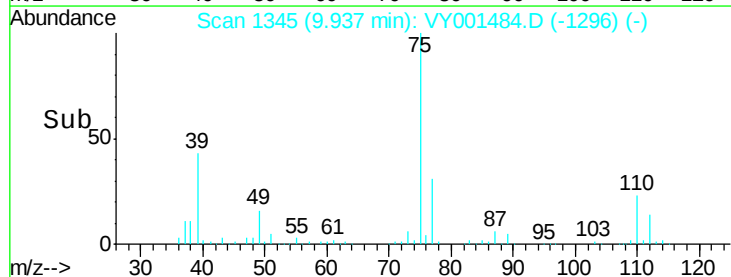
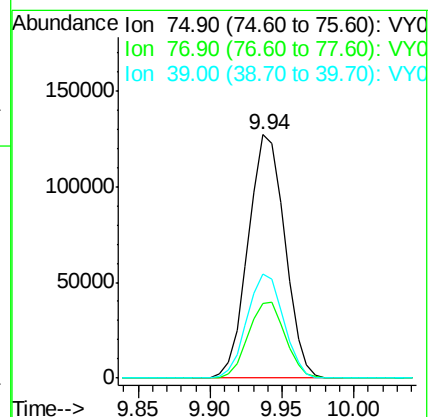
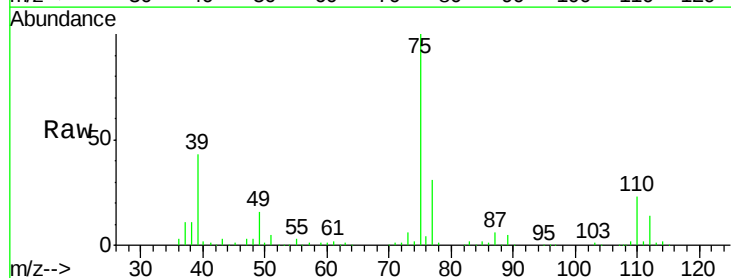
Tgt Ion: 75 Resp: 223896

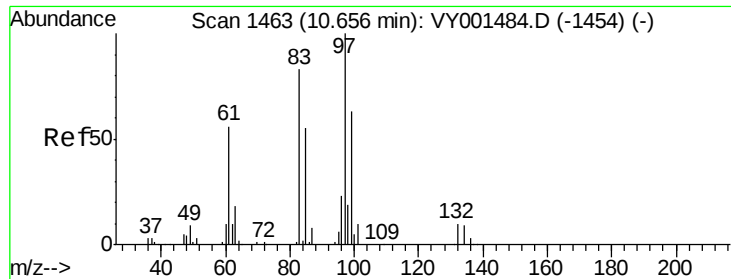
Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 42.5 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 45.16 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 103300

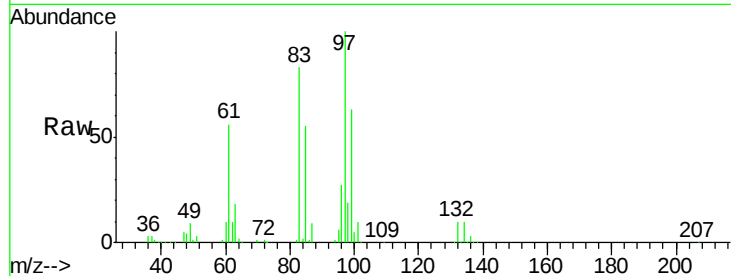
Ion Ratio Lower Upper

97 100

83 82.7 66.2 99.2

85 54.7 43.8 65.6

99 62.6 50.1 75.1

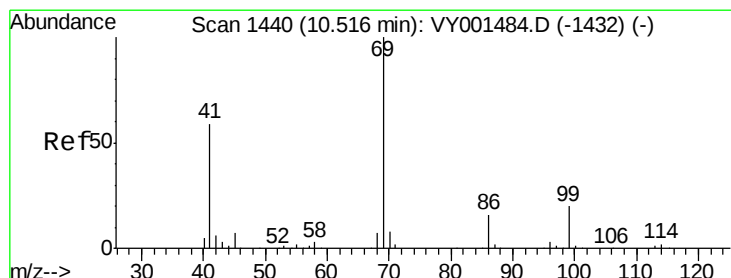
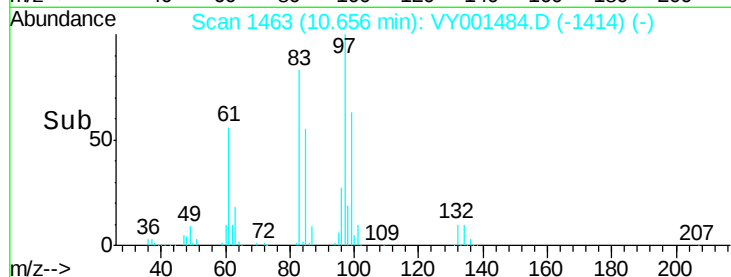
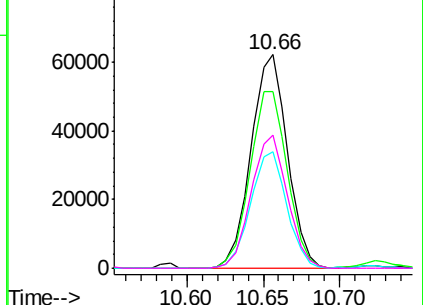


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 43.09 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

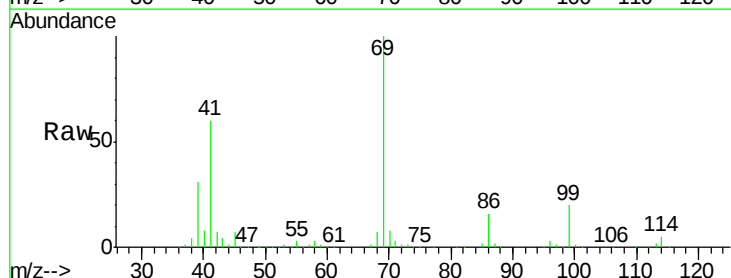
Tgt Ion: 69 Resp: 147745

Ion Ratio Lower Upper

69 100

41 59.8 47.8 71.8

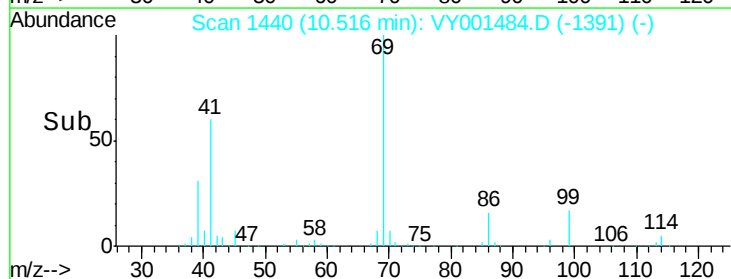
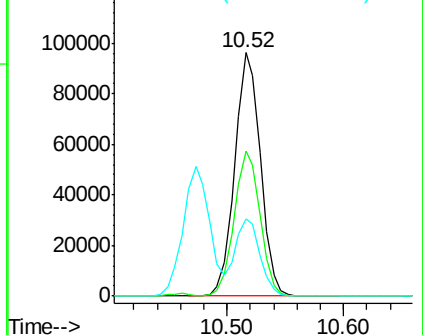
39 30.5 24.4 36.6

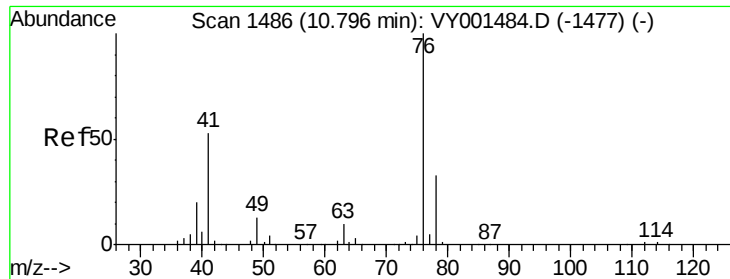


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

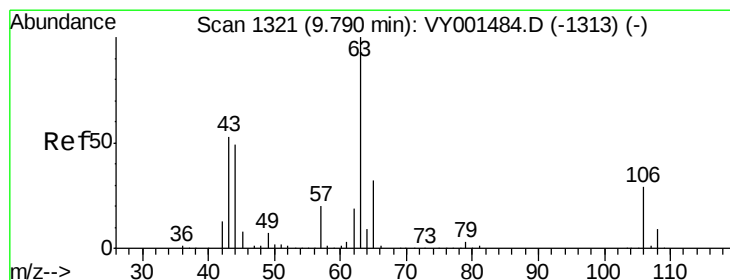
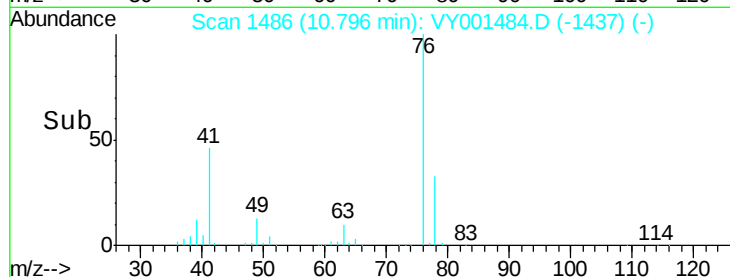
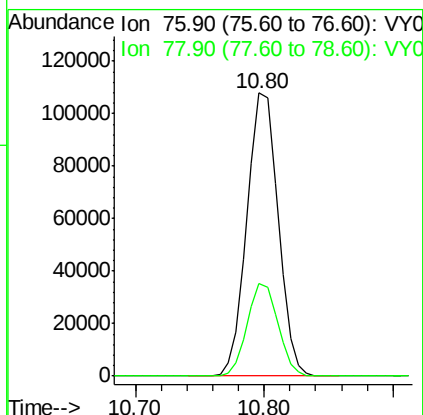
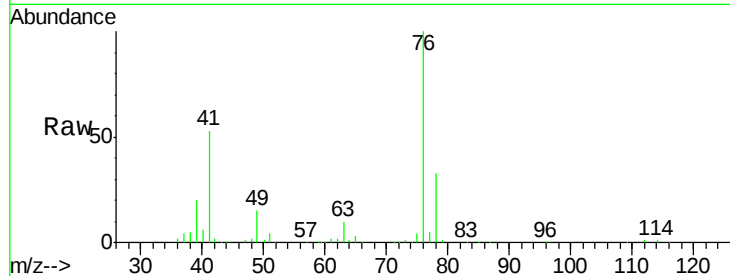




#57
 1,3-Dichloropropane
 Concen: 45.39 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

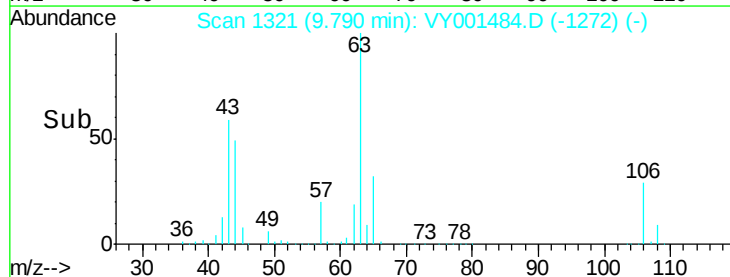
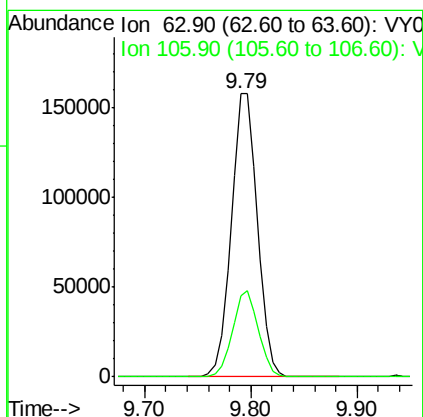
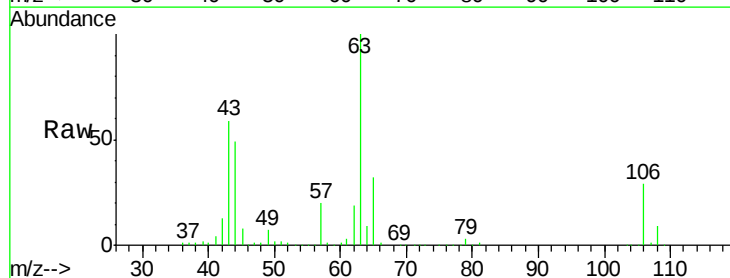
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

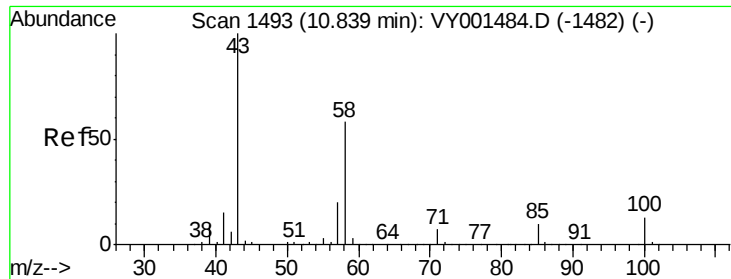
Tgt Ion: 76 Resp: 181292
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 221.37 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 63 Resp: 271362
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0

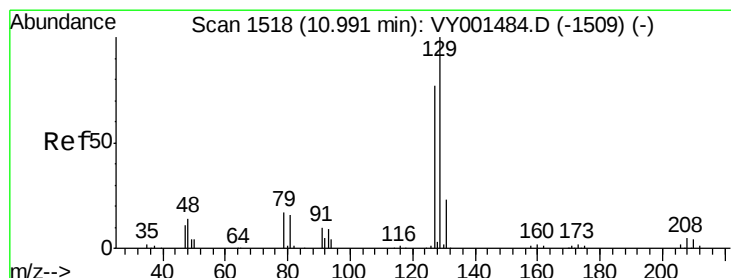
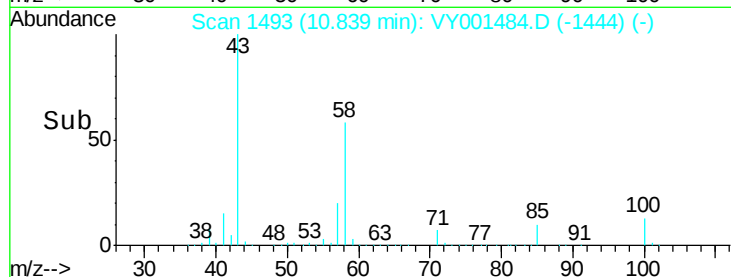
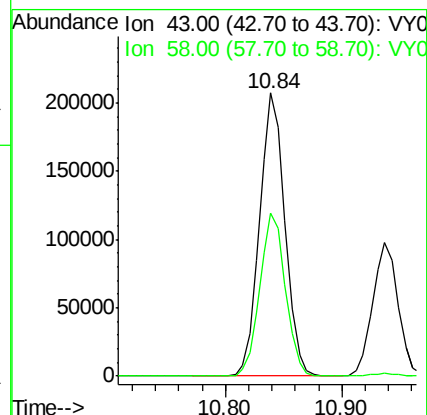
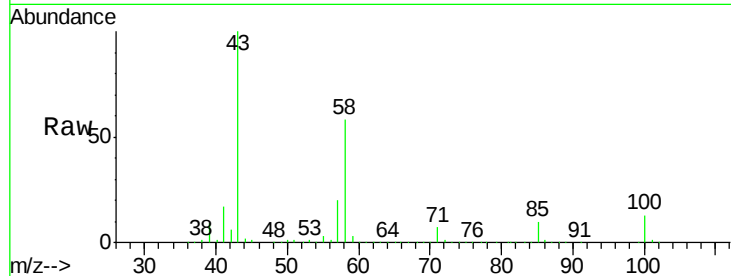




#59
2-Hexanone
Concen: 198.77 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

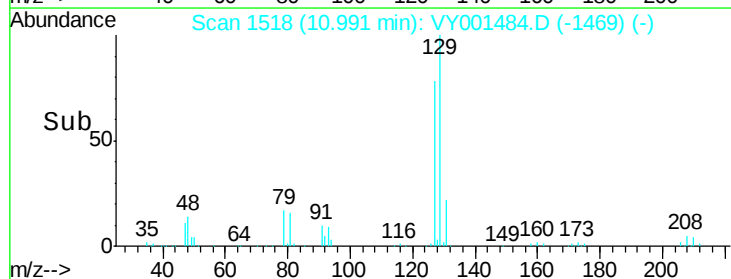
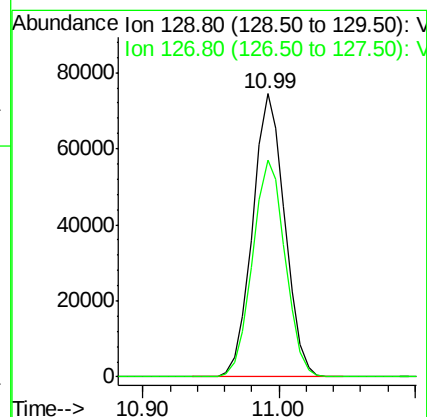
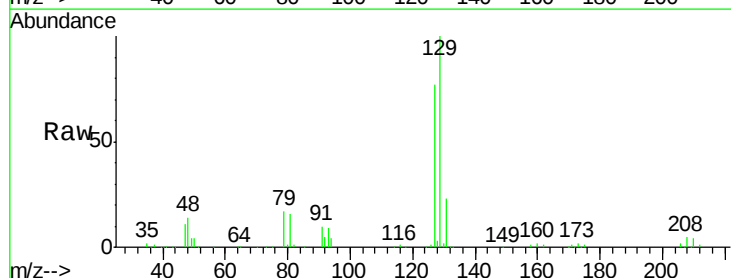
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

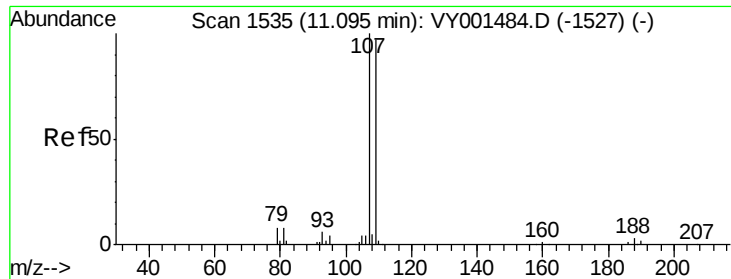
Tgt Ion: 43 Resp: 314804
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 47.81 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 129 Resp: 123797
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.80 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

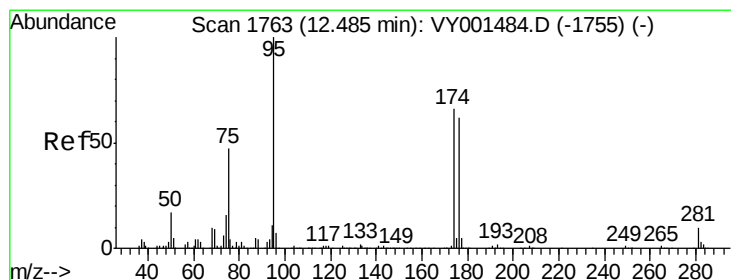
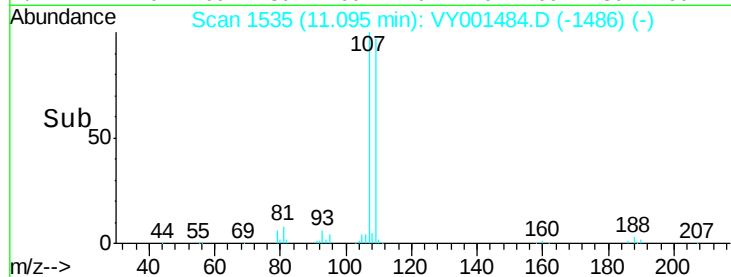
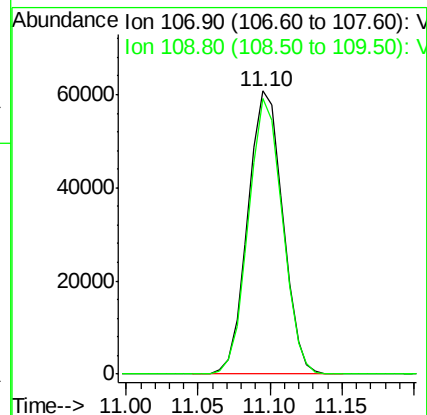
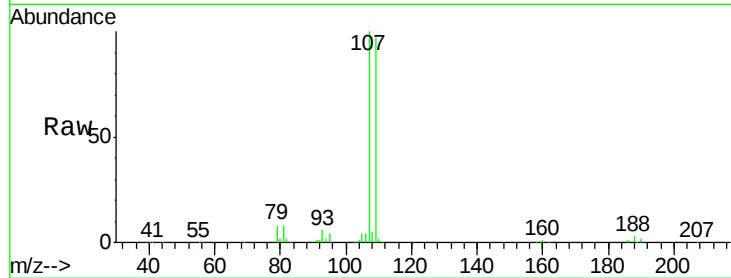
VSTDICCC050

Tgt Ion: 107 Resp: 101757

Ion Ratio Lower Upper

107 100

109 95.2 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 46.12 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

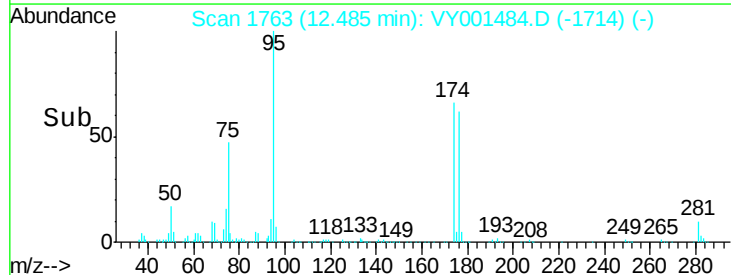
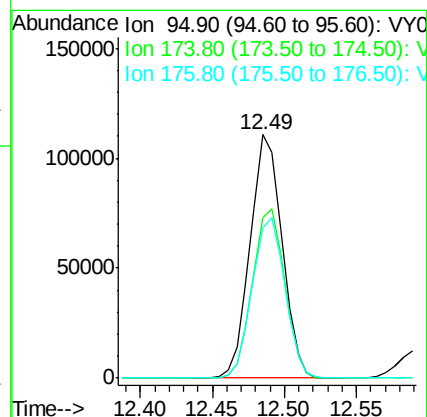
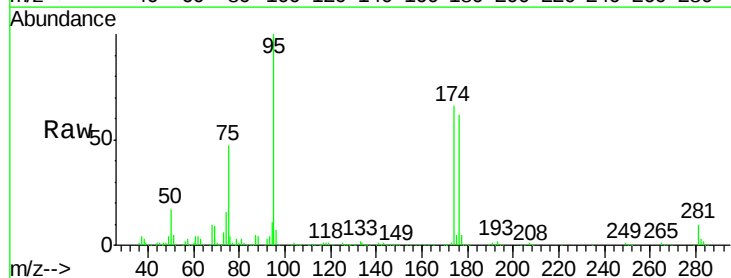
Tgt Ion: 95 Resp: 169350

Ion Ratio Lower Upper

95 100

174 70.7 0.0 141.4

176 67.7 0.0 135.4

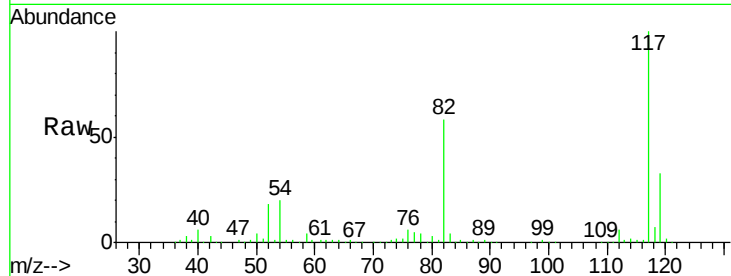




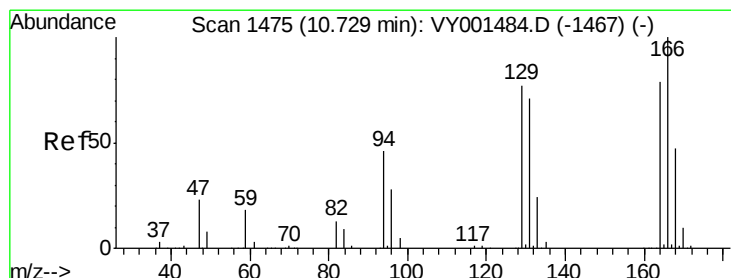
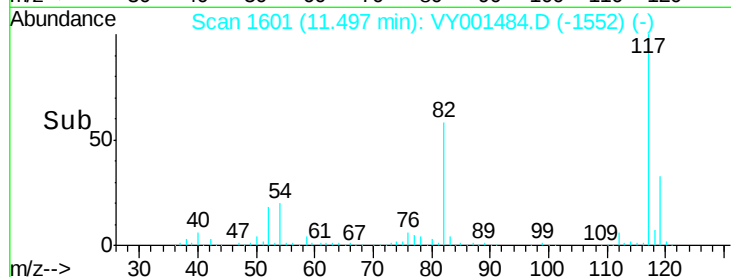
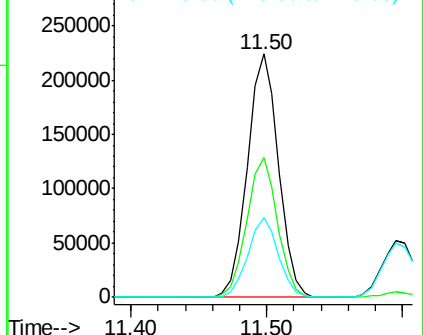
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 358179
Ion Ratio Lower Upper
117 100
82 57.6 46.1 69.1
119 32.6 26.1 39.1



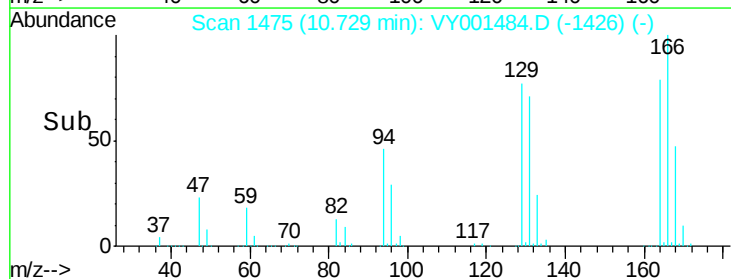
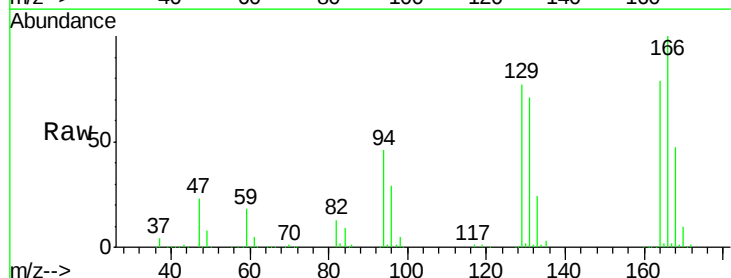
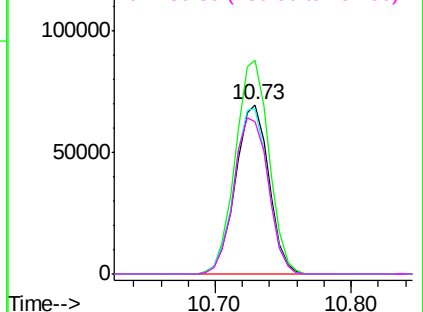
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

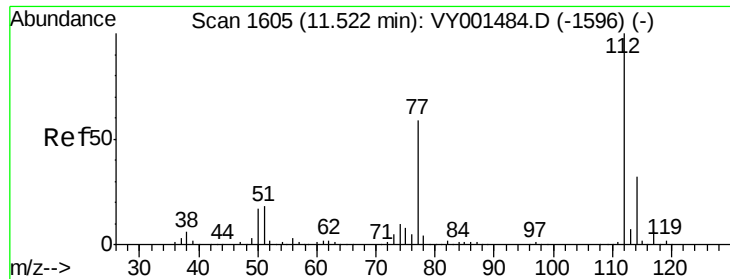


#64
Tetrachloroethene
Concen: 51.38 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion:164 Resp: 119274
Ion Ratio Lower Upper
164 100
166 126.0 100.8 151.2
129 97.2 77.8 116.6
131 90.0 72.0 108.0

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





#65

Chlorobenzene

Concen: 47.89 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

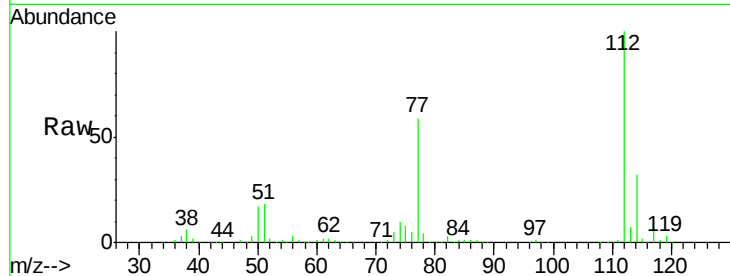
VSTDICCC050

Tgt Ion:112 Resp: 360816

Ion Ratio Lower Upper

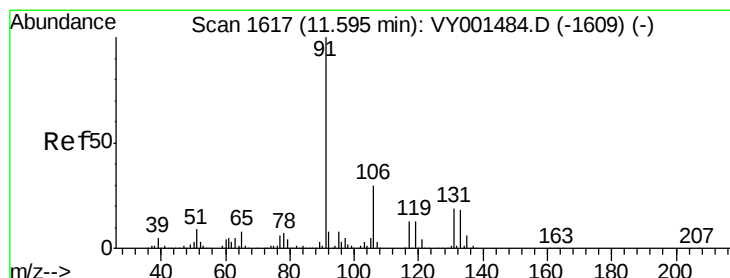
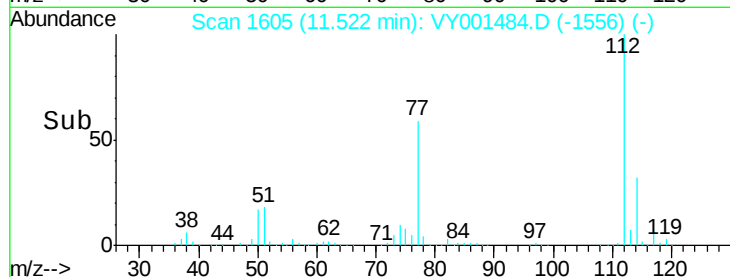
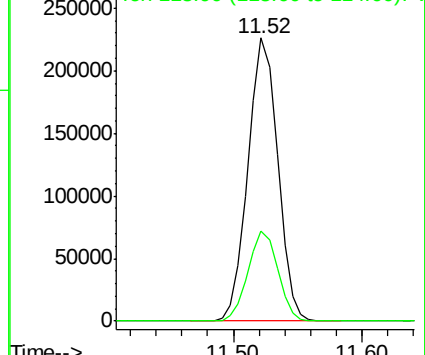
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.72 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

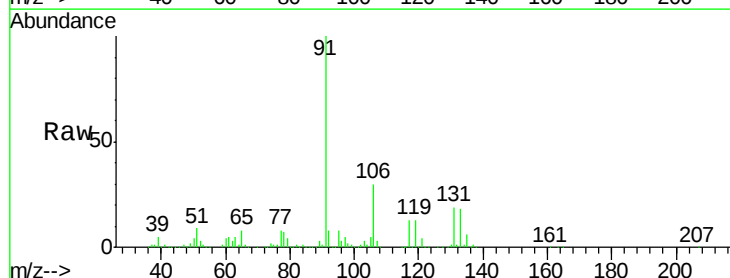
Tgt Ion:131 Resp: 125289

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.8

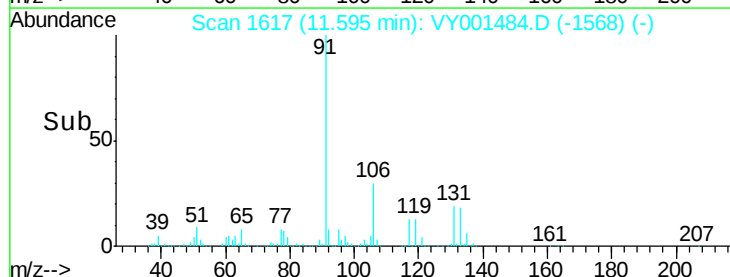
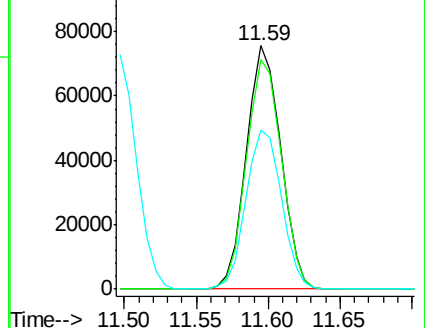
119 67.3 33.7 101.0

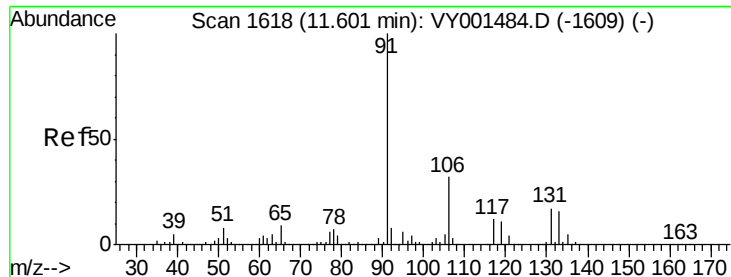


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

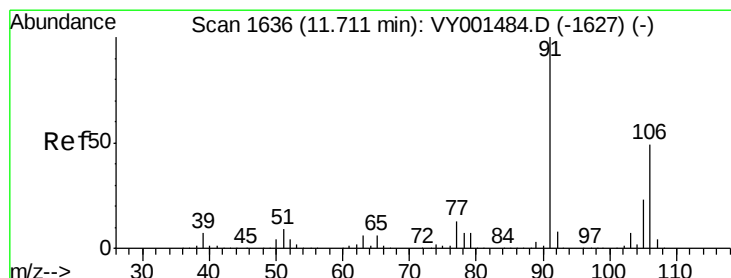
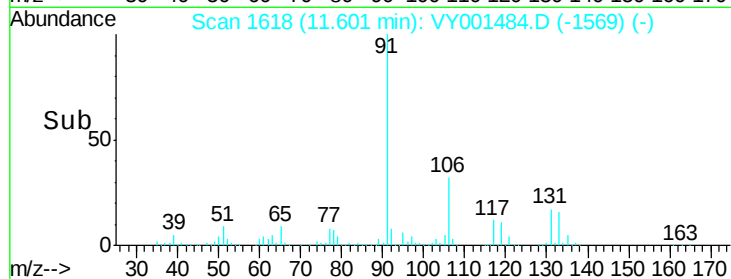
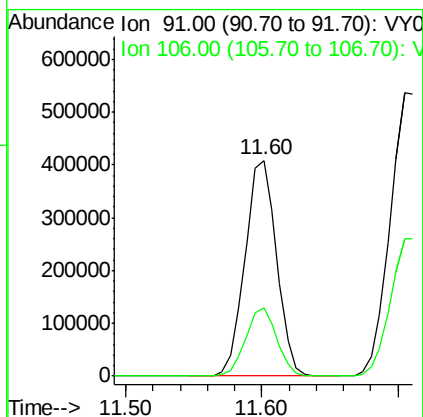
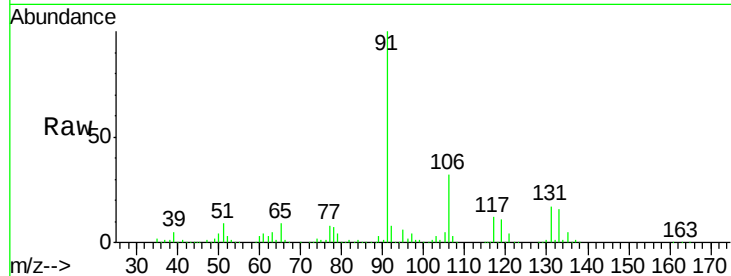




#67
Ethyl Benzene
Concen: 47.86 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

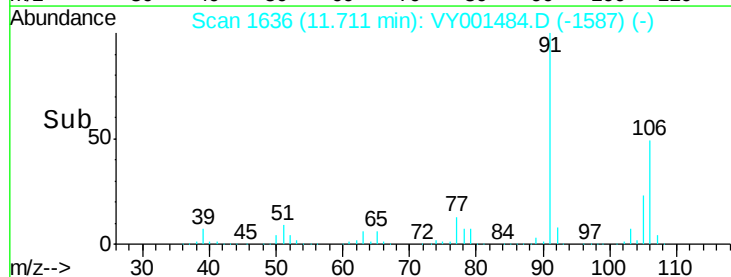
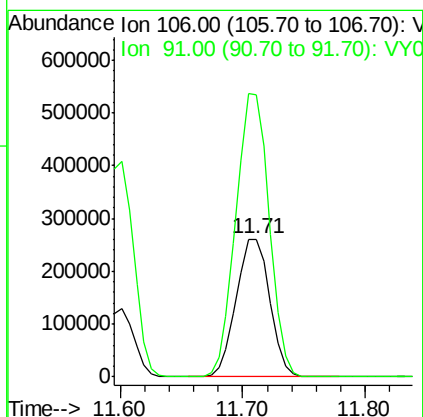
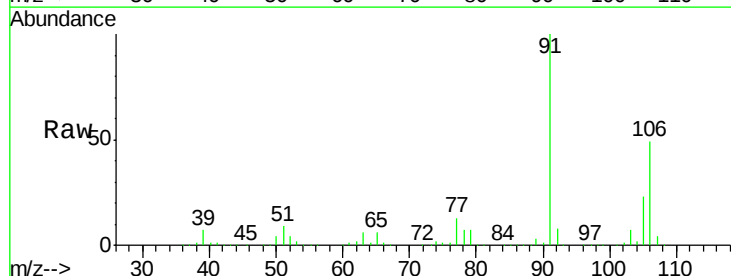
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 663861
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 95.99 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 106 Resp: 496916
Ion Ratio Lower Upper
106 100
91 204.5 163.6 245.4

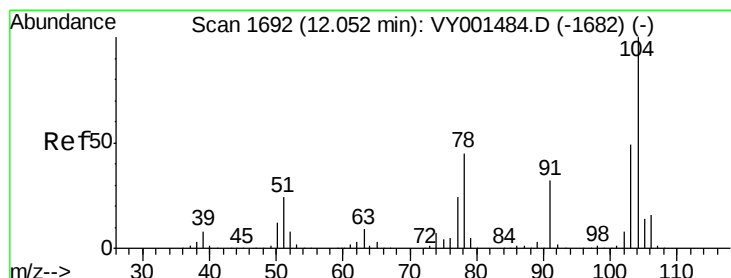
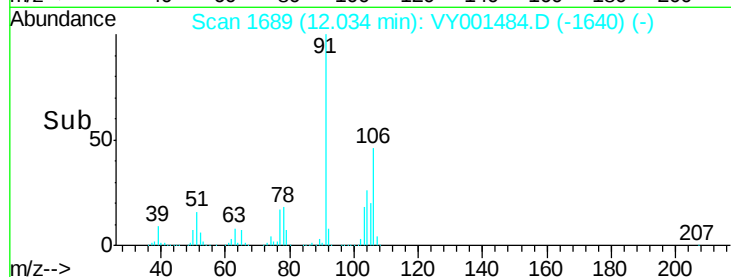
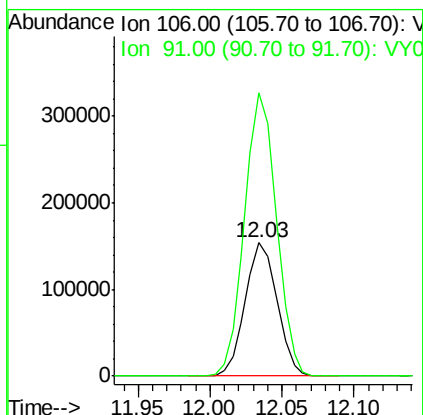
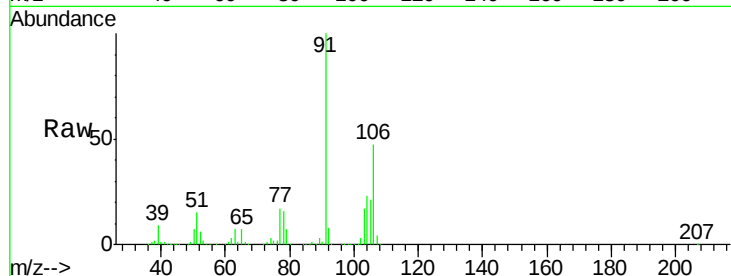




#69
o-Xylene
Concen: 47.61 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

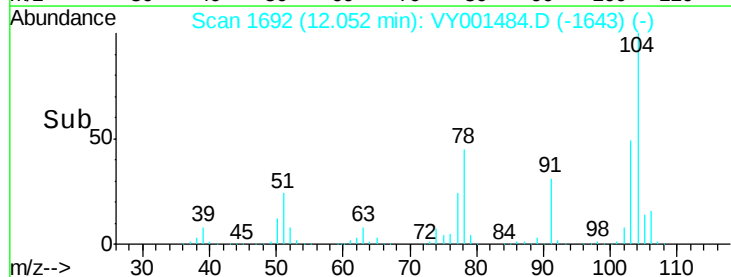
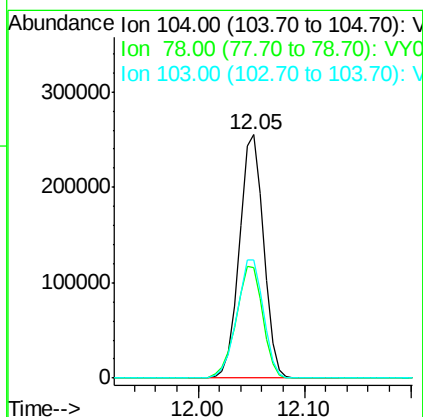
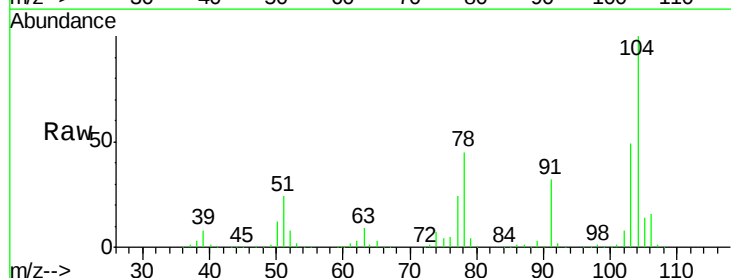
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

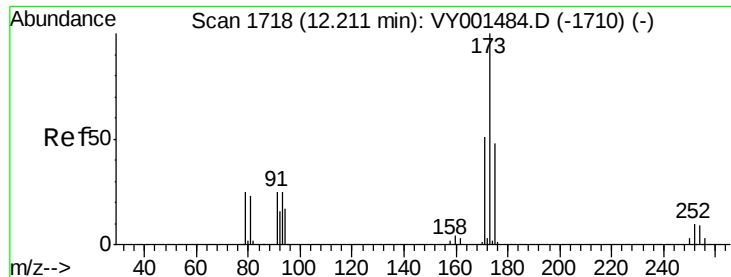
Tgt Ion:106 Resp: 236827
Ion Ratio Lower Upper
106 100
91 212.0 106.0 318.0



#70
Styrene
Concen: 46.82 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion:104 Resp: 407144
Ion Ratio Lower Upper
104 100
78 50.5 40.4 60.6
103 53.5 42.8 64.2





#71

Bromoform

Concen: 46.14 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampled :

VSTDICCC050

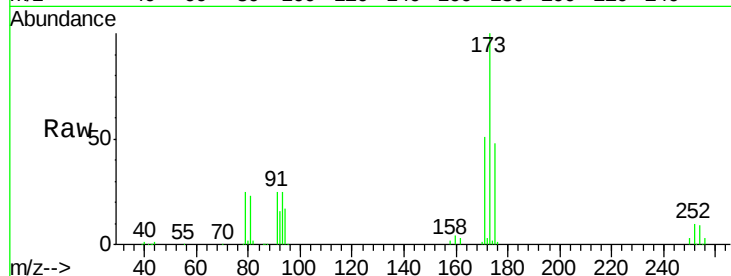
Tgt Ion:173 Resp: 70149

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

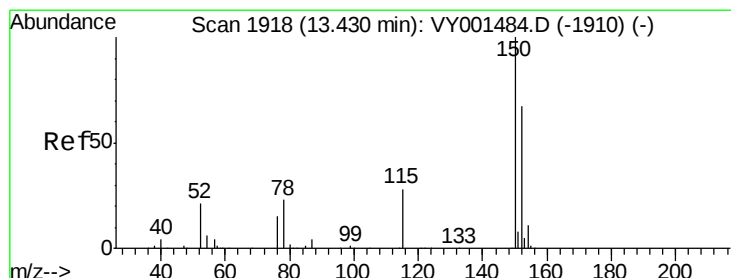
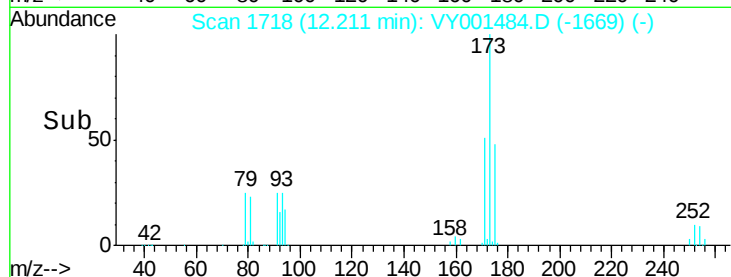
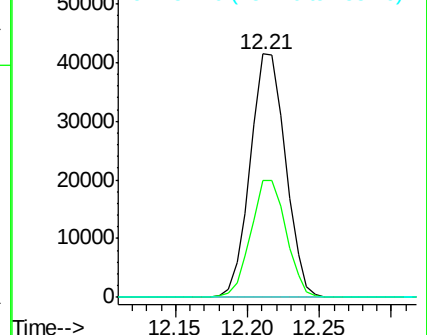
254 0.1 0.1 0.1#



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. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

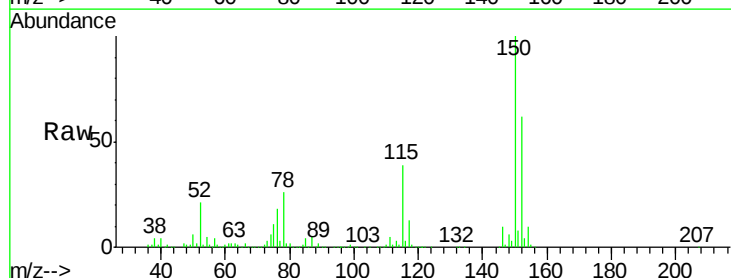
Tgt Ion:152 Resp: 164889

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.3

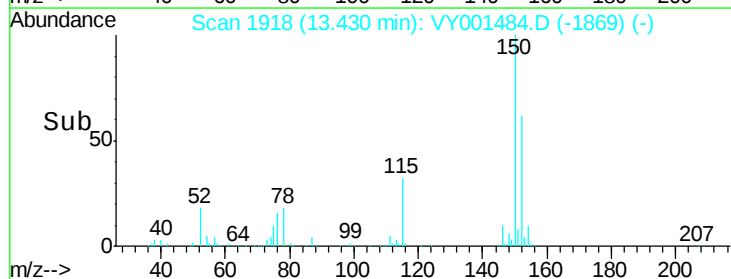
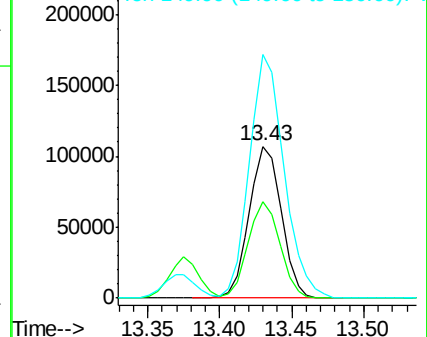
150 173.4 0.0 346.8

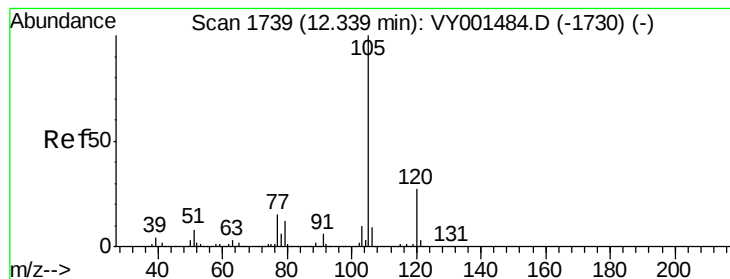


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.35 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

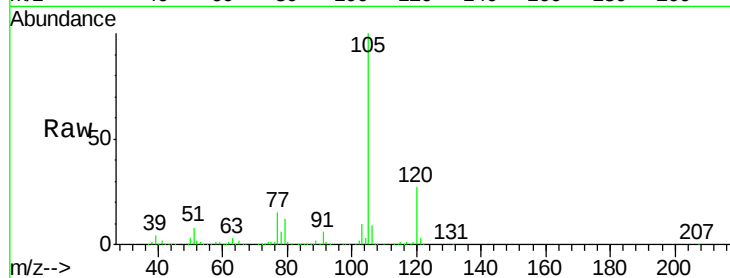
VSTDICCC050

Tgt Ion:105 Resp: 643209

Ion Ratio Lower Upper

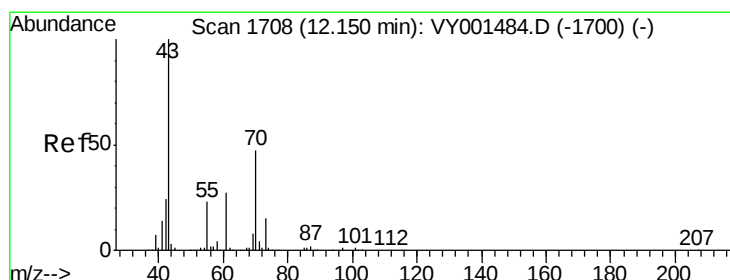
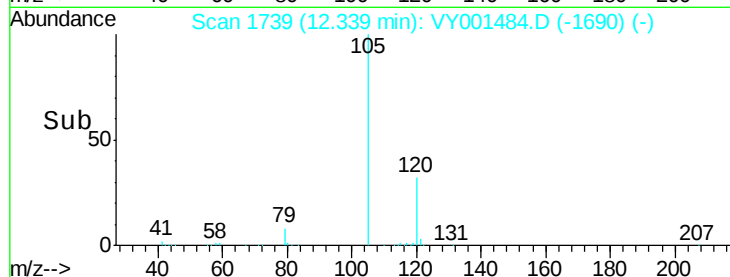
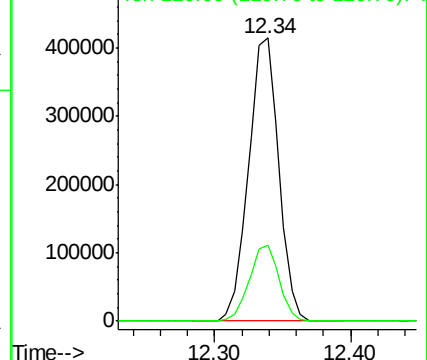
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 39.45 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Tgt Ion: 43 Resp: 161510

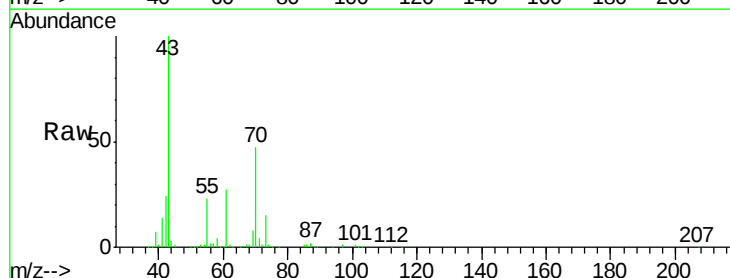
Ion Ratio Lower Upper

43 100

70 46.5 37.2 55.8

55 23.5 18.8 28.2

61 26.8 21.4 32.2

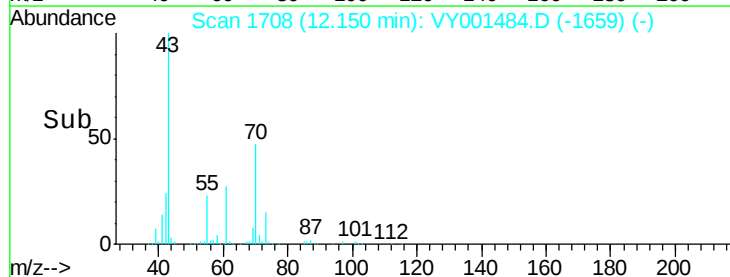
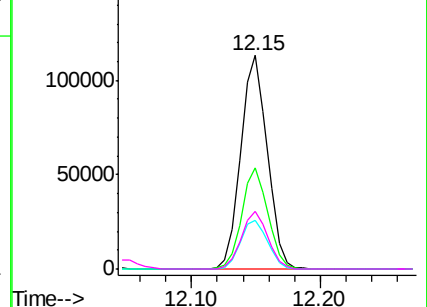


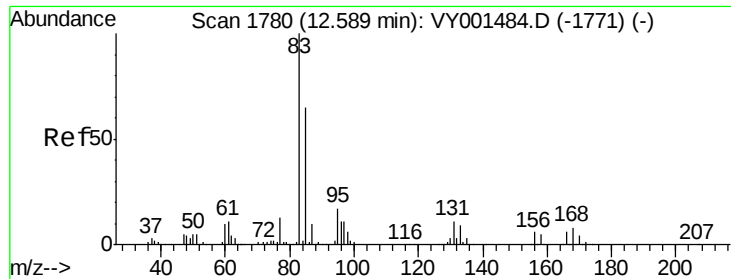
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.39 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

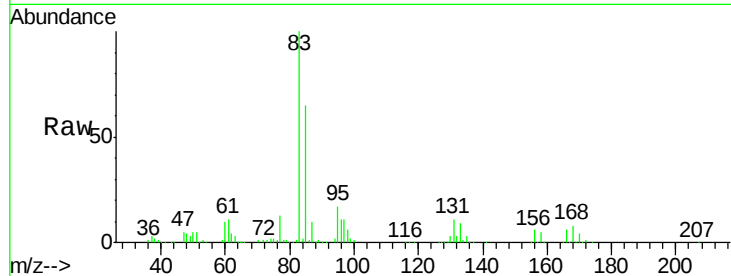
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 117947

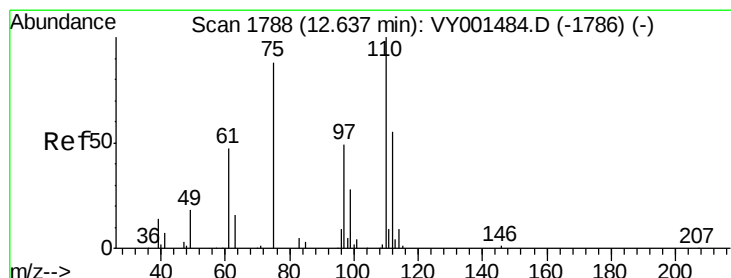
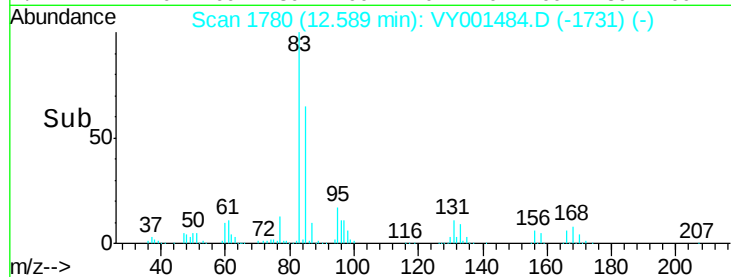
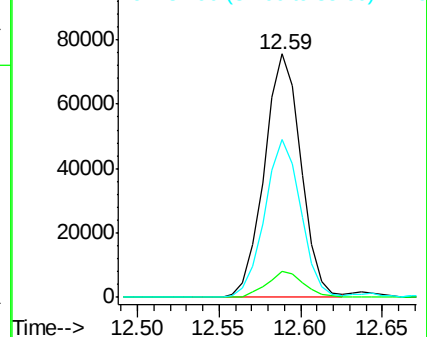
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.4	16.2
85	64.0	32.0	96.0



Abundance Ion 82.90 (82.60 to 83.60): VY001484.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY001484.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY001484.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 81.62 ug/l

RT: 12.64 min Scan# 1788

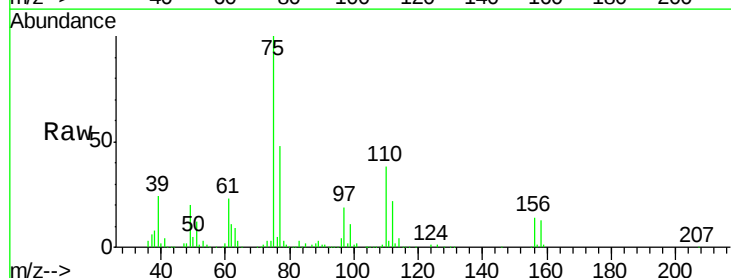
Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

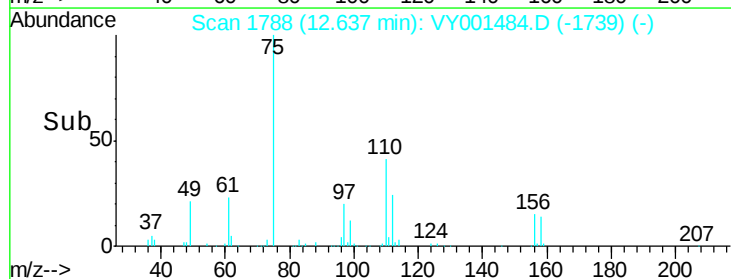
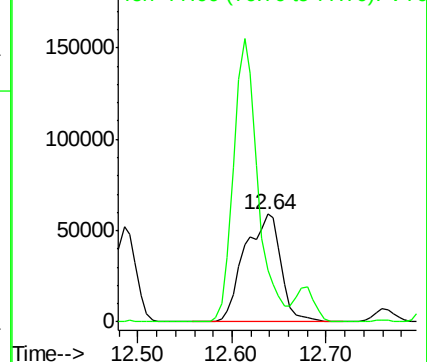
Tgt Ion: 75 Resp: 159281

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001484.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY001484.D (-1786) (-)





#77

Bromobenzene

Concen: 48.45 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

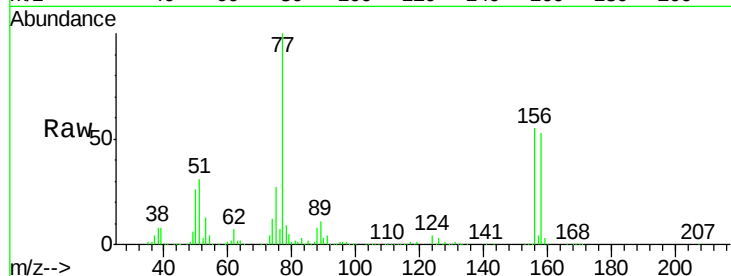
Tgt Ion: 156 Resp: 139371

Ion Ratio Lower Upper

156 100

77 199.5 99.8 299.3

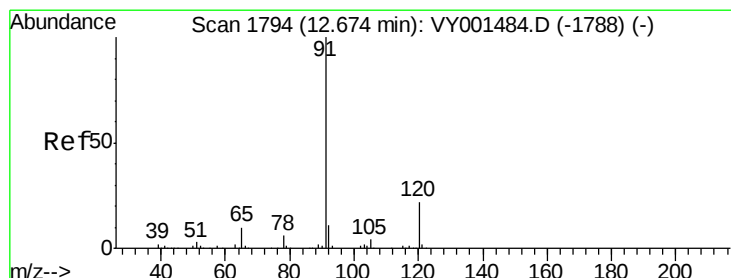
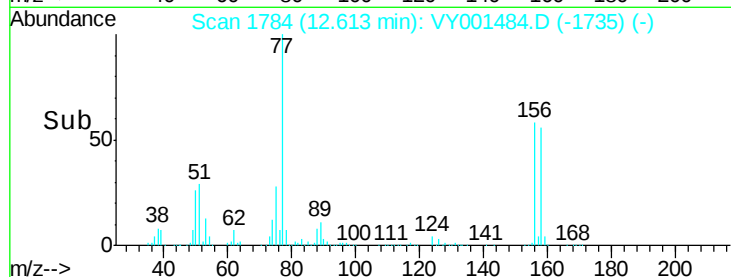
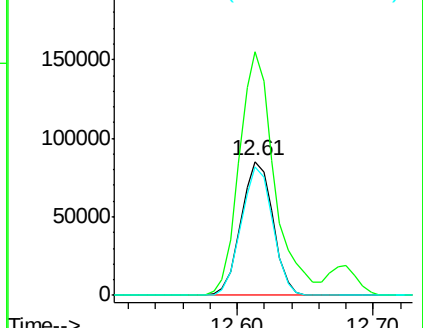
158 95.1 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.05 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001484.D

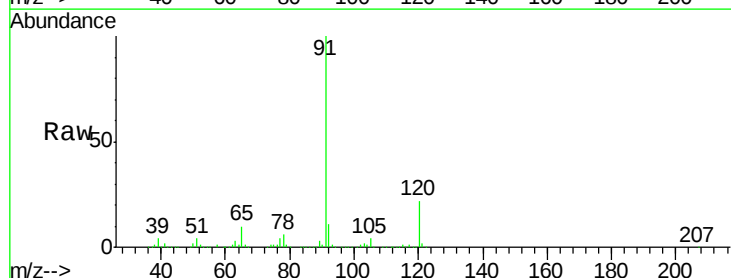
Acq: 04 Feb 2020 13:59

Tgt Ion: 91 Resp: 767094

Ion Ratio Lower Upper

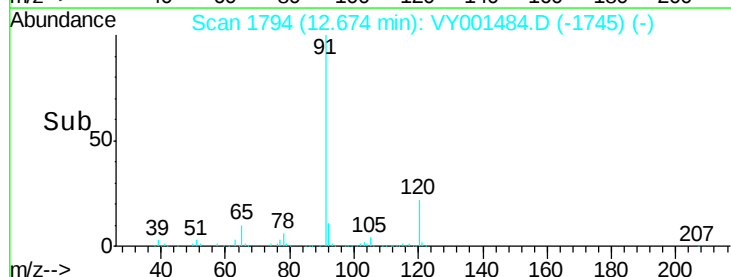
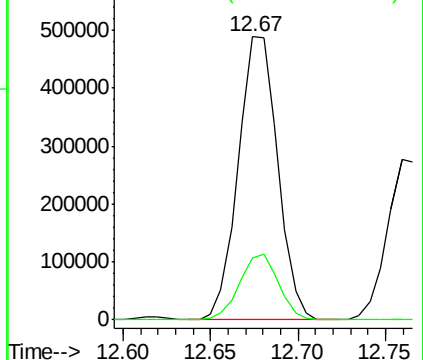
91 100

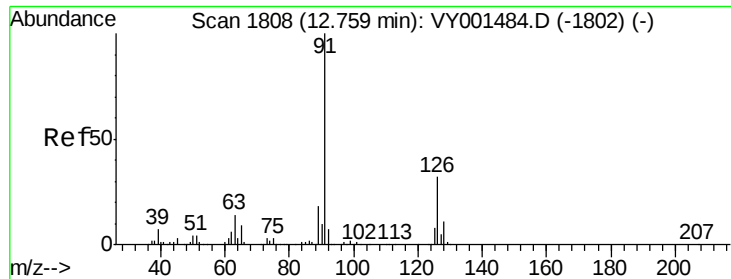
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.75 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

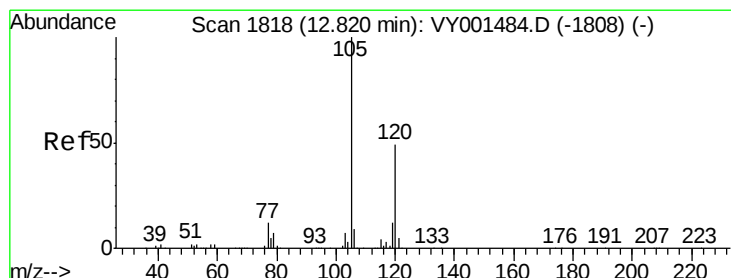
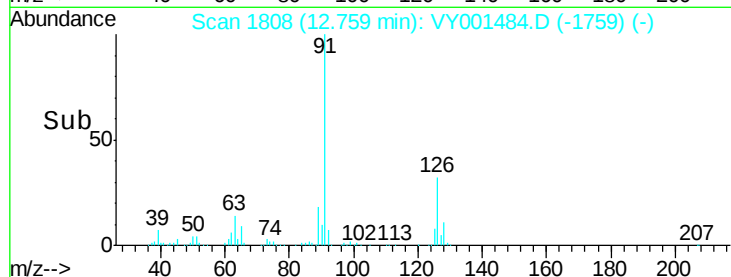
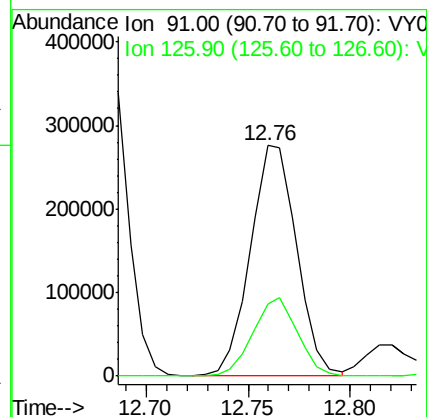
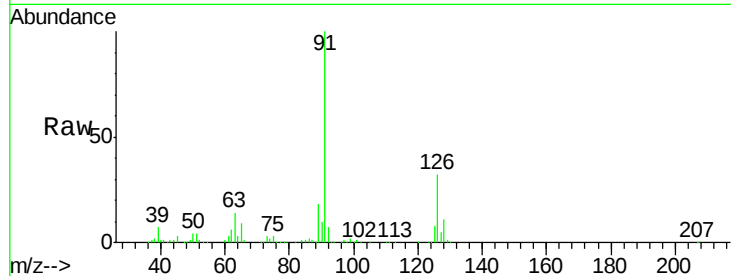
VSTDICCC050

Tgt Ion: 91 Resp: 436087

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 49.70 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001484.D

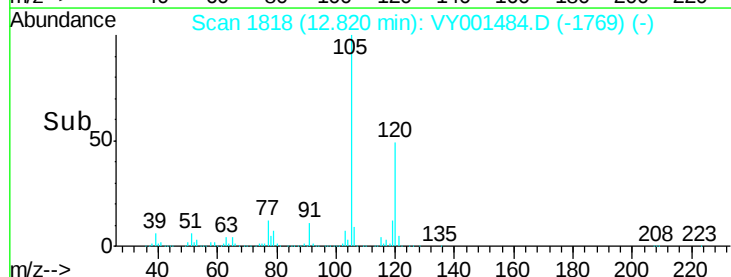
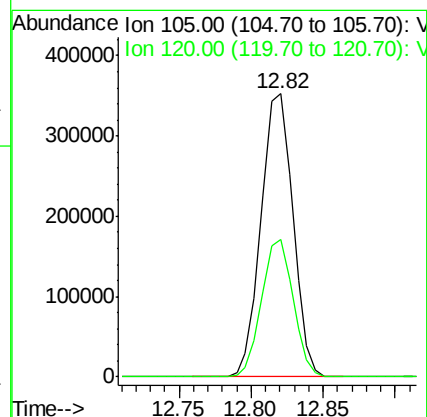
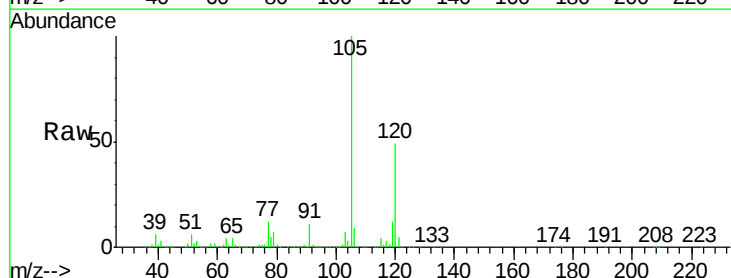
Acq: 04 Feb 2020 13:59

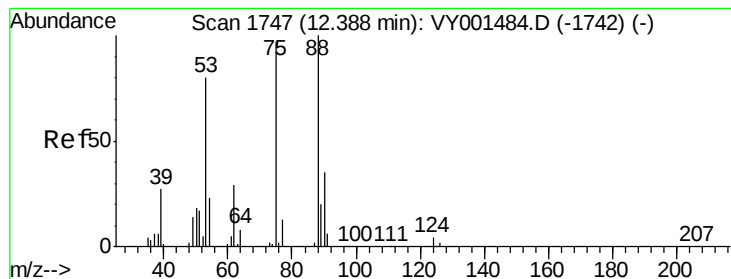
Tgt Ion: 105 Resp: 540801

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 44.10 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

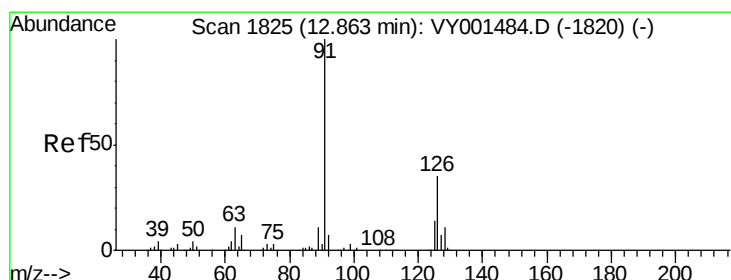
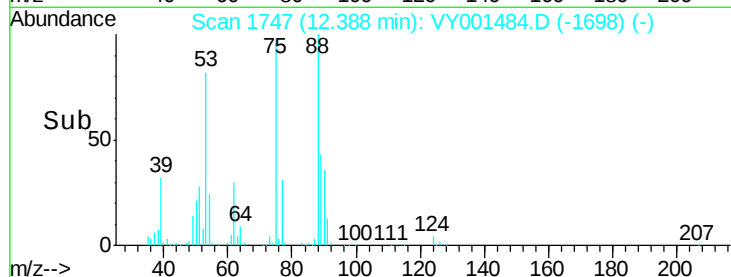
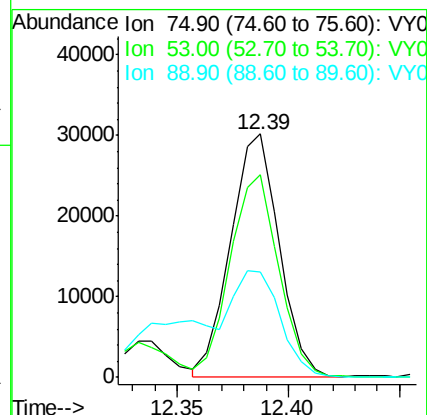
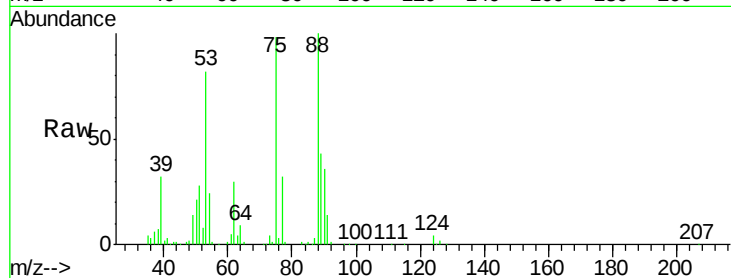
Tgt Ion: 75 Resp: 45402

Ion Ratio Lower Upper

75 100

53 84.6 67.7 101.5

89 43.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 47.93 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001484.D

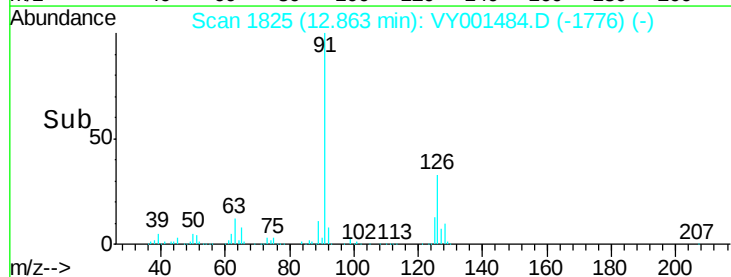
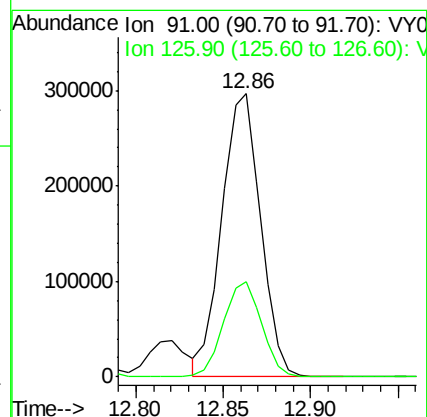
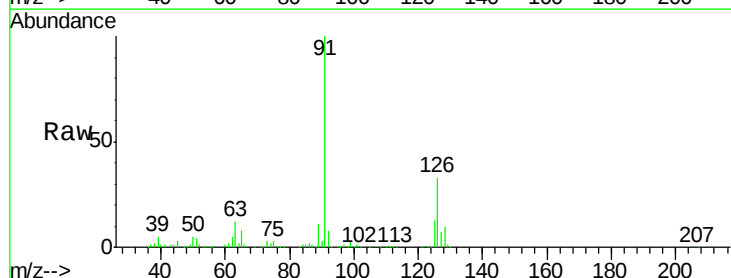
Acq: 04 Feb 2020 13:59

Tgt Ion: 91 Resp: 456283

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5

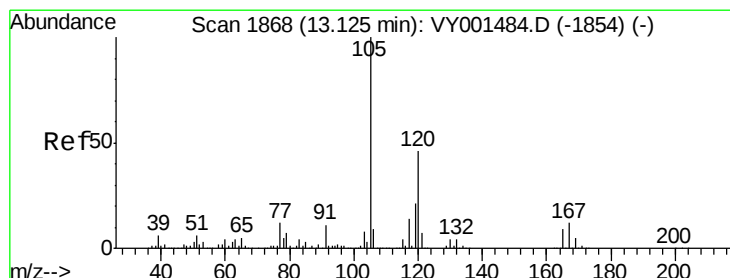
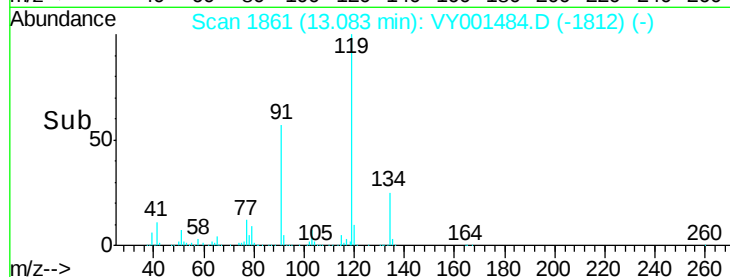
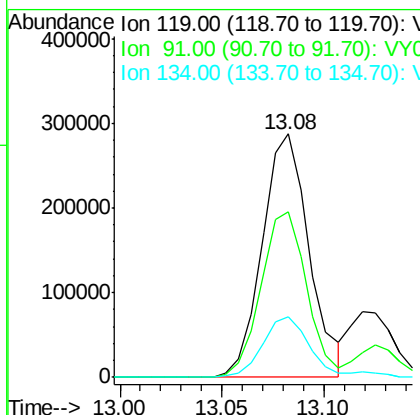
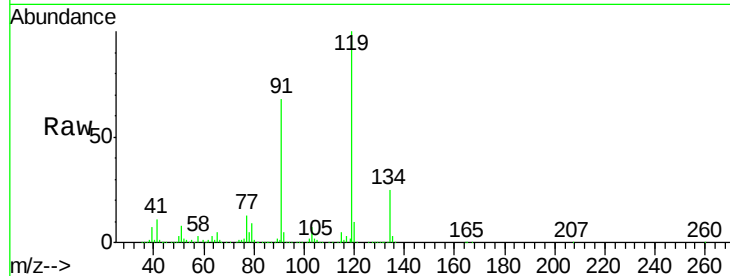




#83
 tert-Butylbenzene
 Concen: 50.15 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

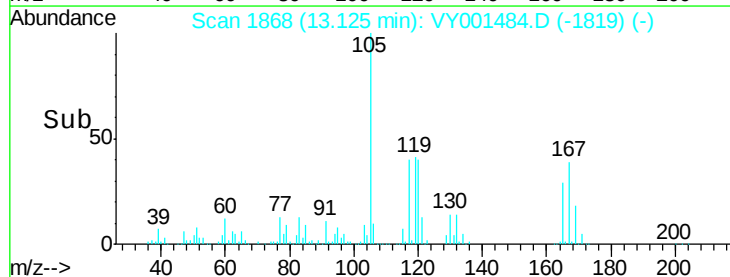
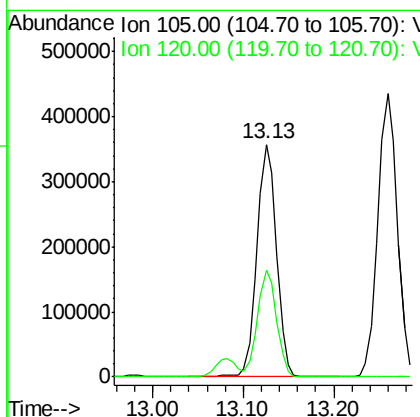
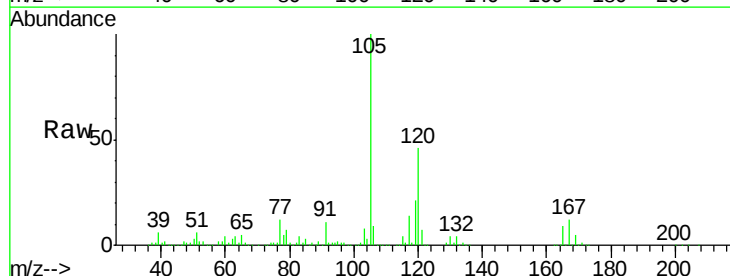
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

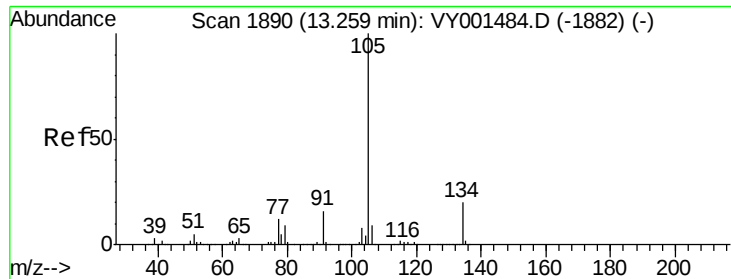
Tgt Ion:119 Resp: 460139
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.1 99.3
 134 26.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.88 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion:105 Resp: 533451
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0

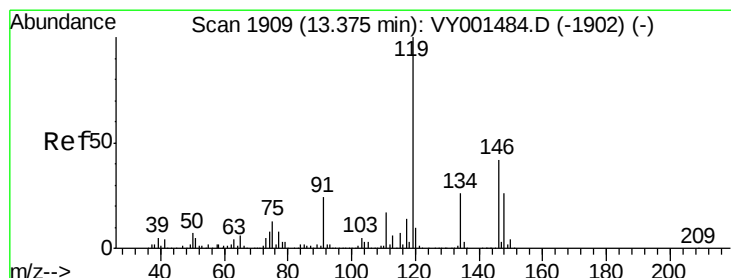
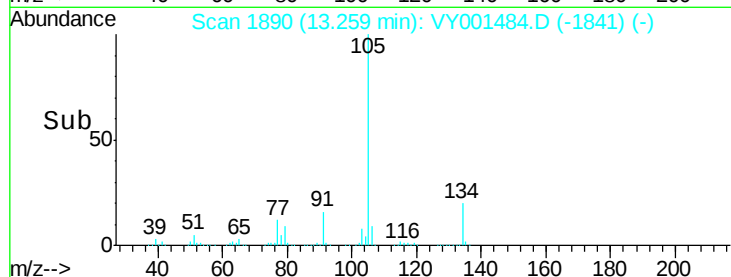
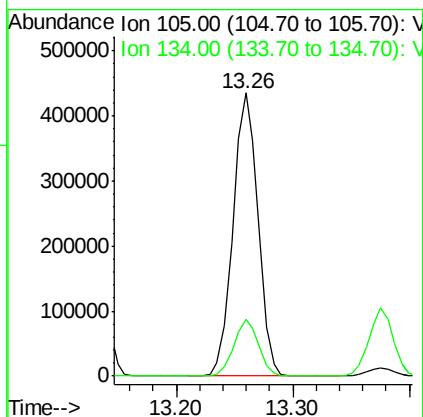
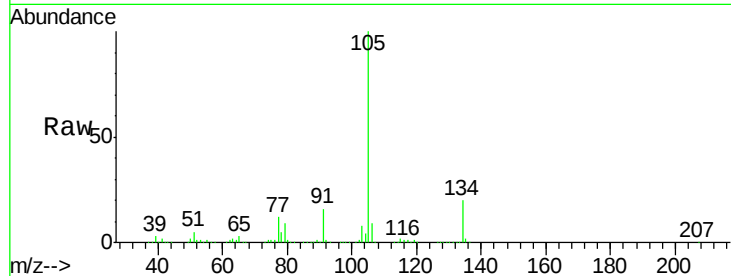




#85
 sec-Butylbenzene
 Concen: 49.96 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

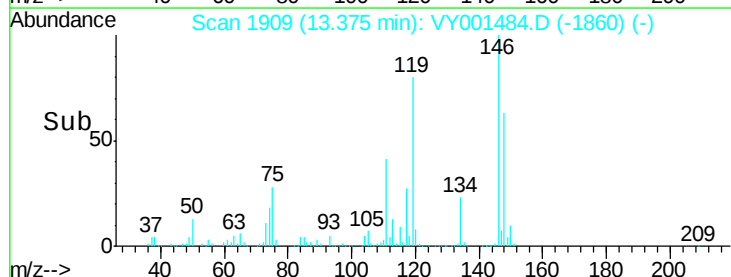
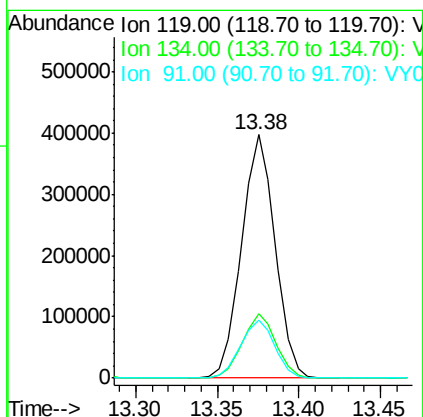
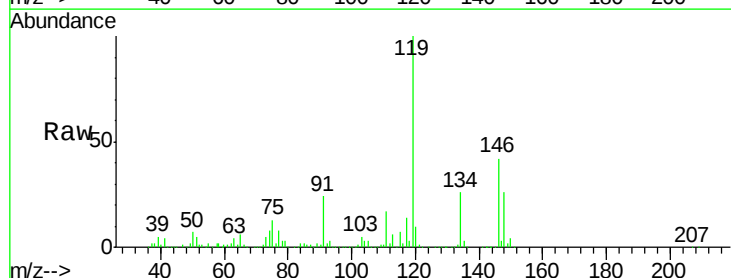
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

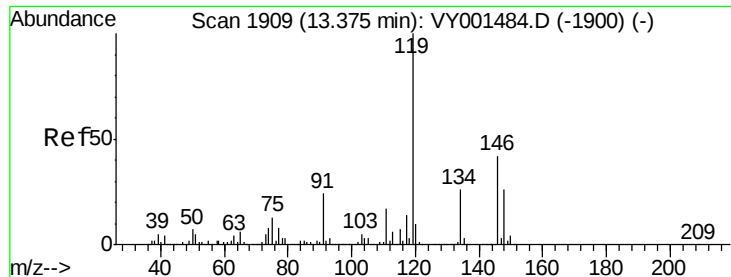
Tgt Ion:105 Resp: 649295
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 49.57 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion:119 Resp: 568736
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 24.4 12.2 36.6

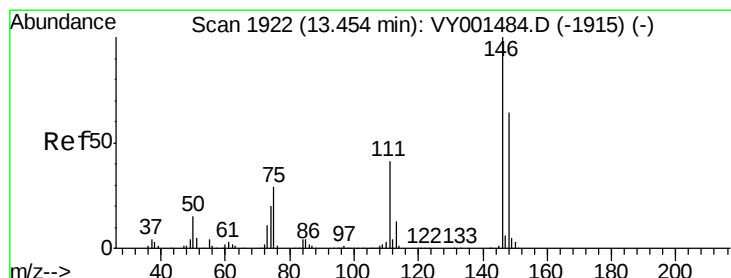
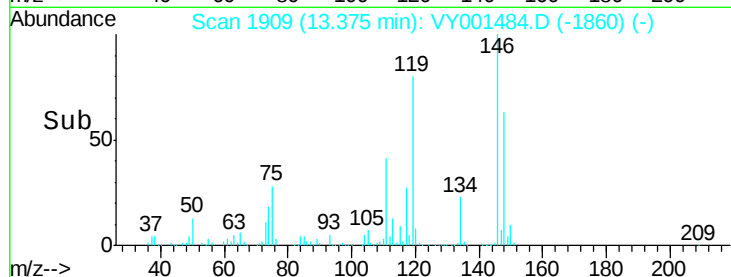
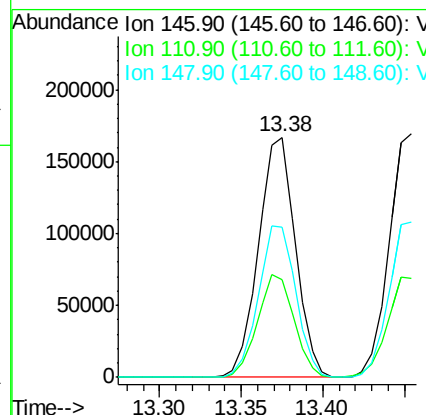
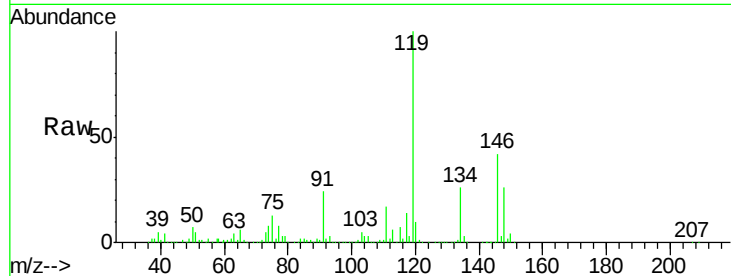




#87
 1,3-Dichlorobenzene
 Concen: 47.48 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

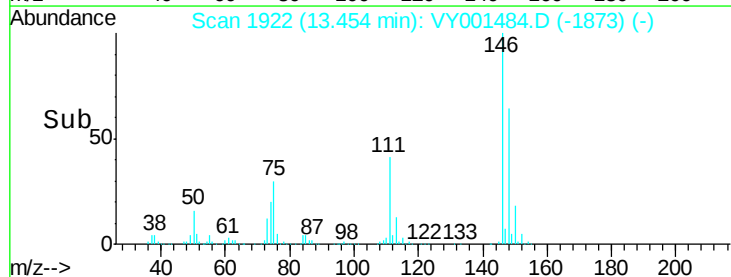
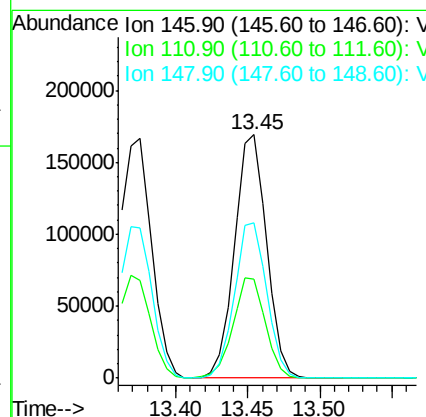
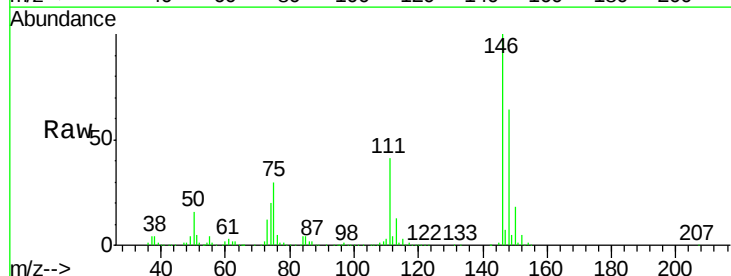
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

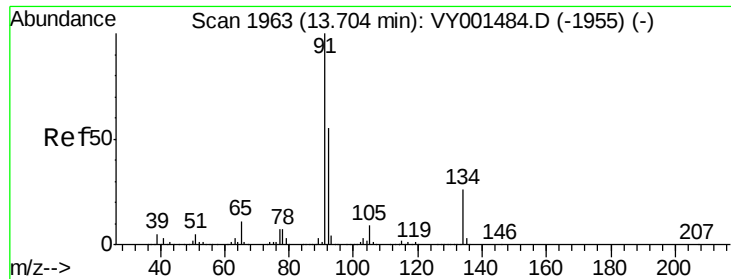
Tgt Ion:146 Resp: 261831
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.00 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion:146 Resp: 263280
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.3 32.1 96.5

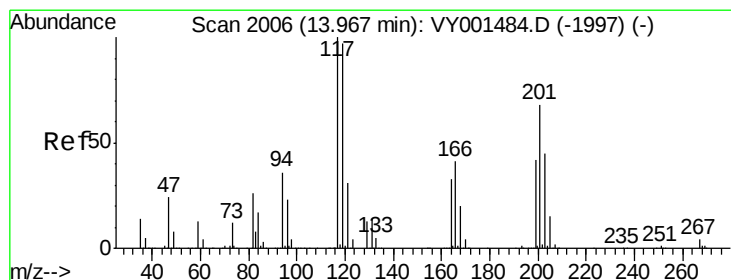
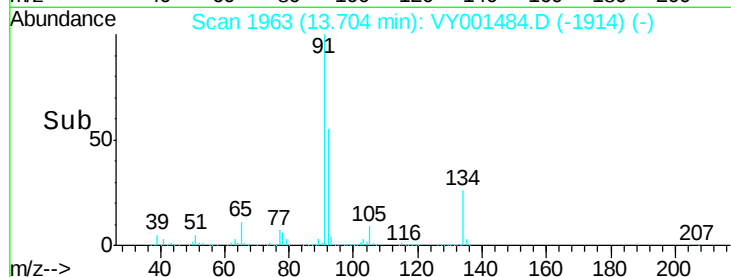
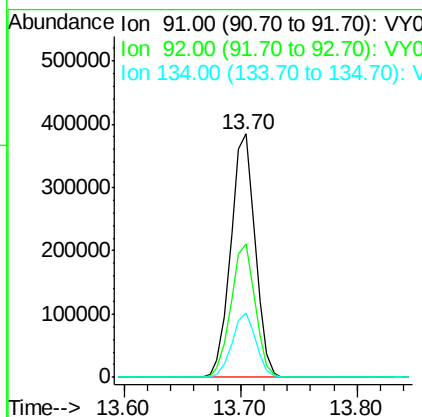
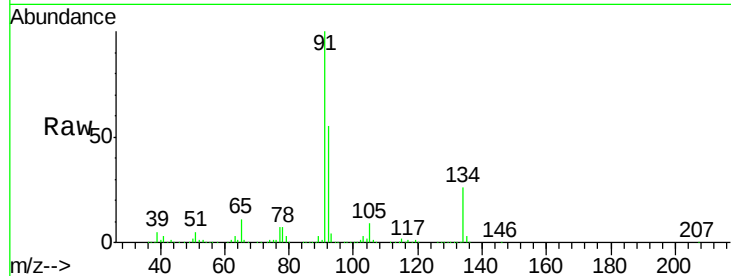




#89
n-Butylbenzene
Concen: 48.62 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

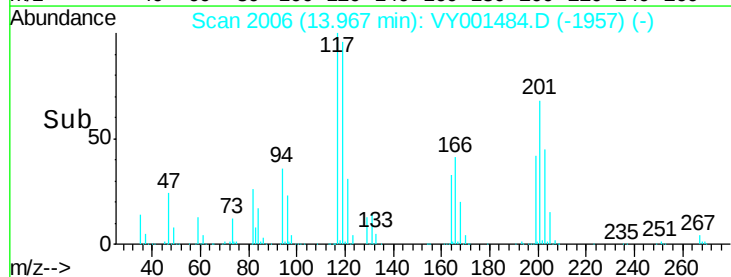
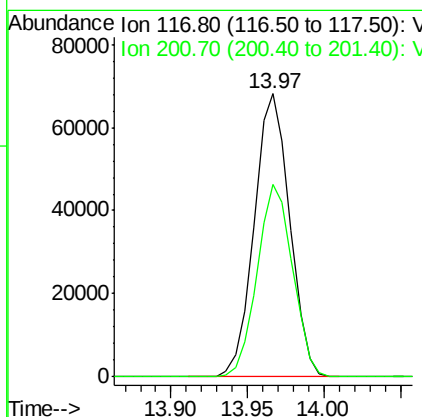
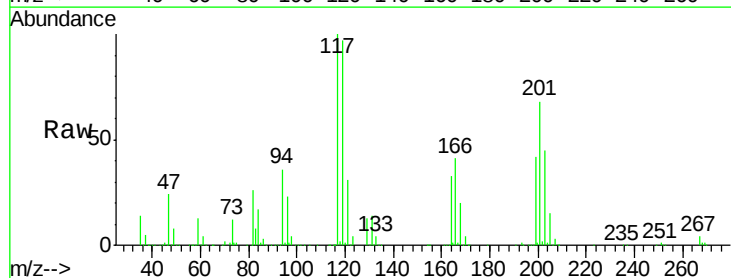
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

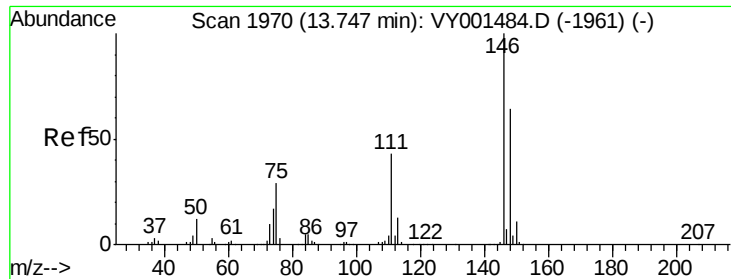
Tgt Ion: 91 Resp: 559624
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 50.53 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion: 117 Resp: 109899
Ion Ratio Lower Upper
117 100
201 68.2 34.1 102.3

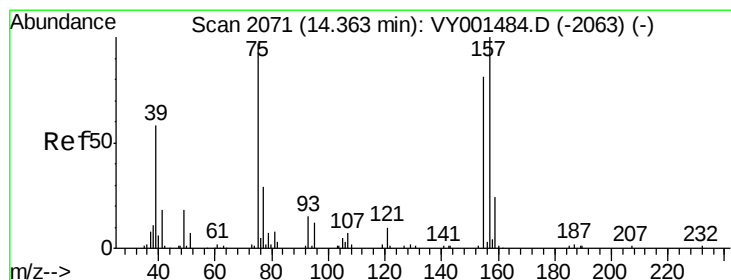
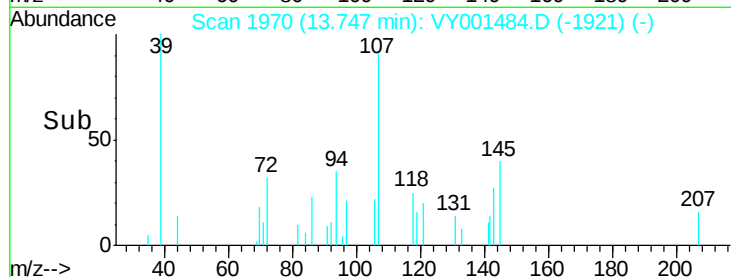
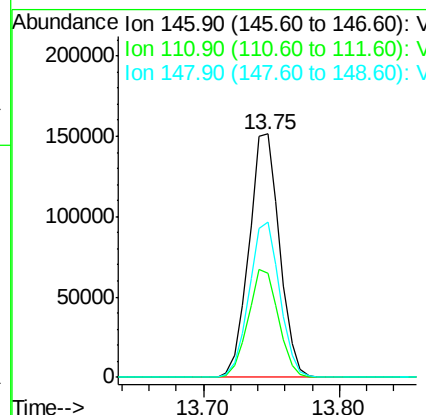
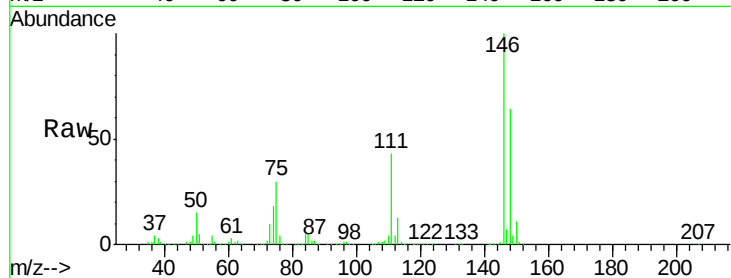




#91
 1,2-Dichlorobenzene
 Concen: 47.09 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

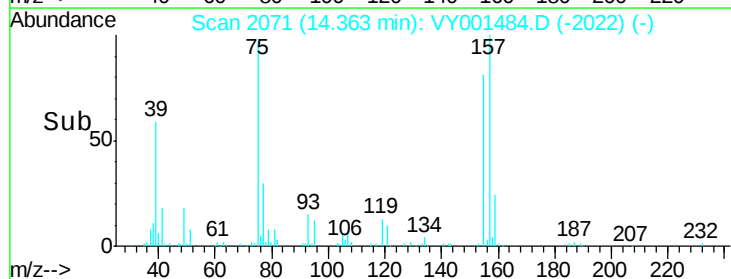
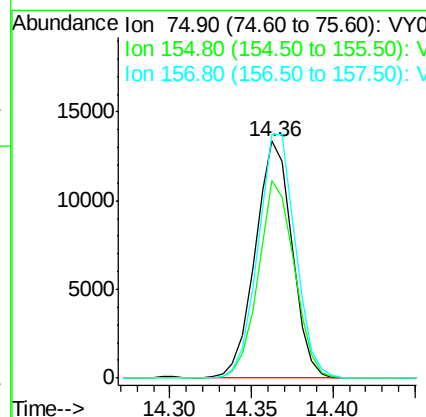
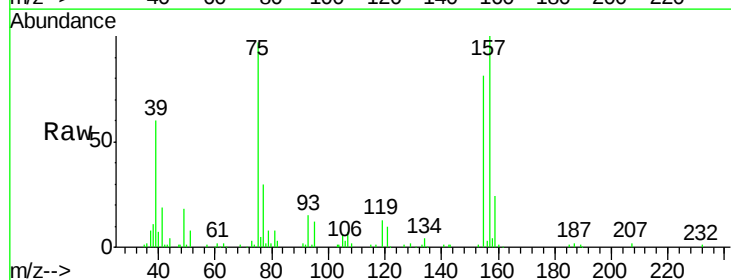
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

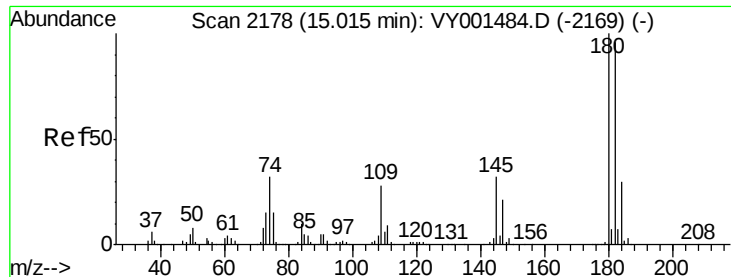
Tgt Ion:146 Resp: 239030
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.8
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.28 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001484.D
 Acq: 04 Feb 2020 13:59

Tgt Ion: 75 Resp: 20979
 Ion Ratio Lower Upper
 75 100
 155 81.4 40.7 122.1
 157 104.7 52.3 157.1

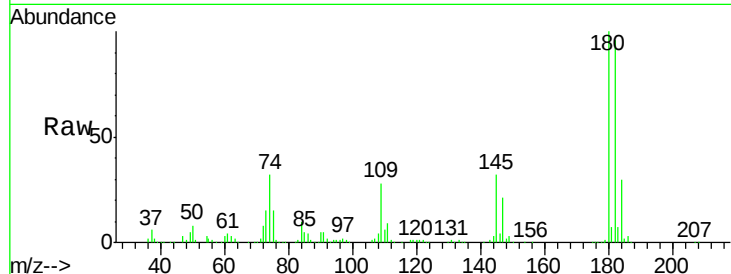




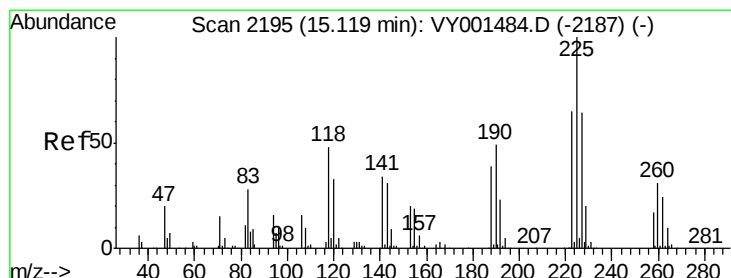
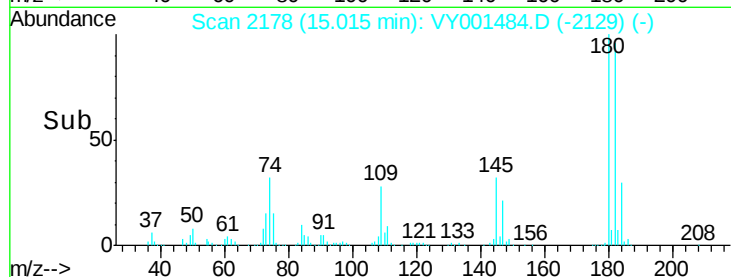
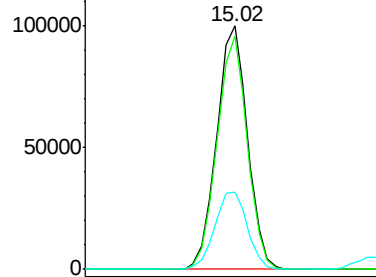
#93
1,2,4-Trichlorobenzene
Concen: 46.23 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	33.5	16.8	50.3

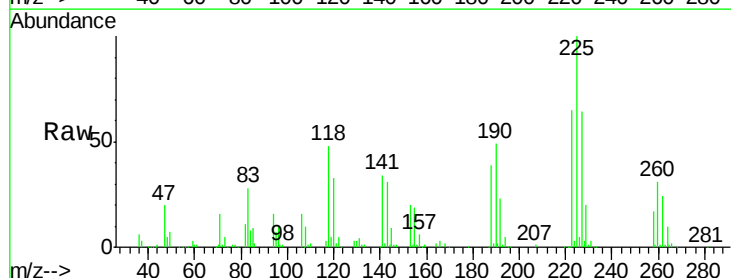


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

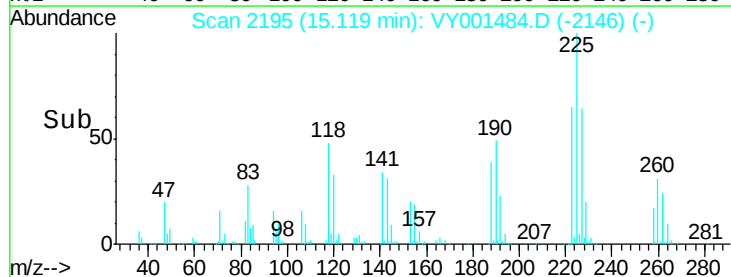
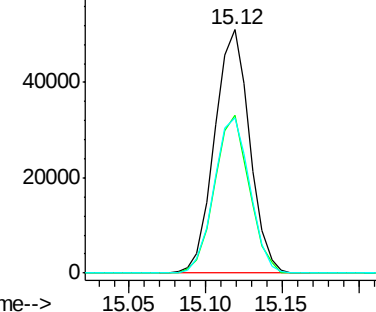


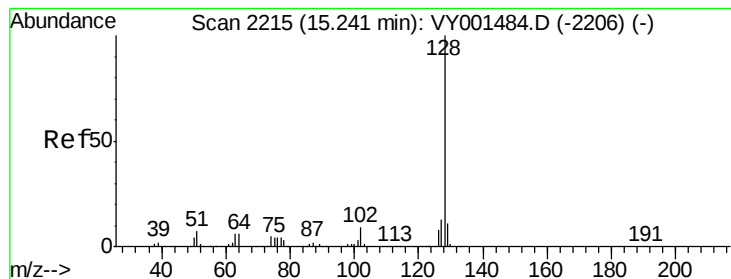
#94
Hexachlorobutadiene
Concen: 48.49 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001484.D
Acq: 04 Feb 2020 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.7
227	65.1	32.6	97.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.04 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

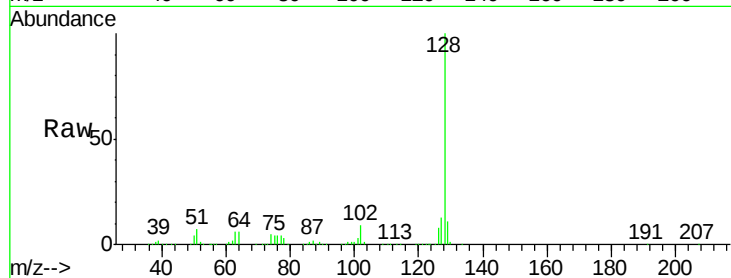
Tgt Ion:128 Resp: 349718

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

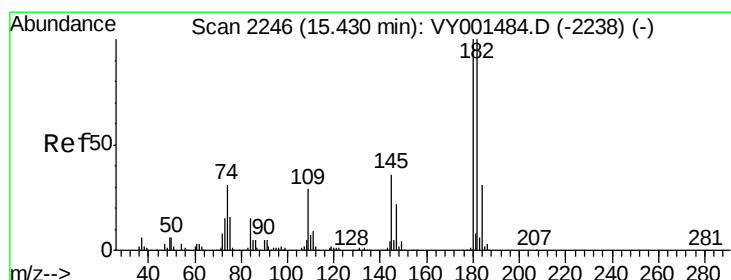
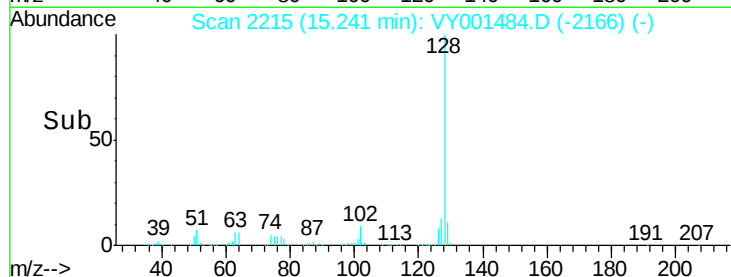
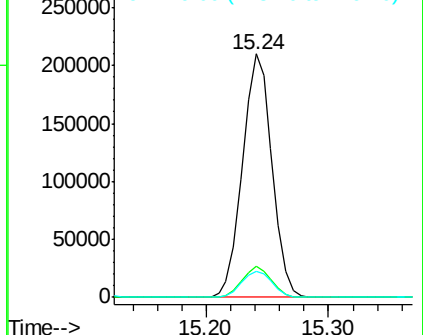
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.59 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001484.D

Acq: 04 Feb 2020 13:59

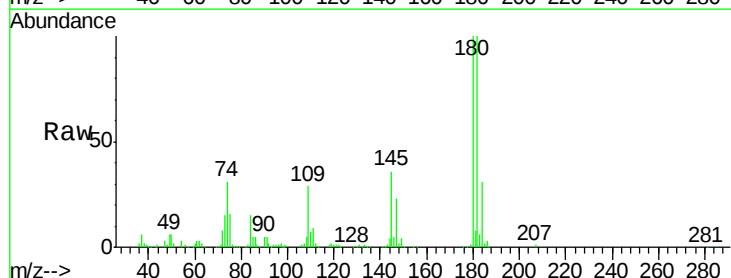
Tgt Ion:180 Resp: 136226

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 35.7 17.8 53.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

