

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001288.D
 Acq On : 17 Jan 2020 23:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 18 03:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.84	168	186331	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.73	114	336606	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.52	117	300322	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.44	152	143762	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.19	65	96600	49.09	ug/l	0.04
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.77	113	88584	44.95	ug/l	0.04
Spiked Amount	50.000		Recovery	=	89.90%	
50) Toluene-d8	10.21	98	363812	47.91	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.50	95	137618	44.33	ug/l	0.02
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.93	85	56440	39.44	ug/l	99
3) Chloromethane	2.14	50	89517	43.40	ug/l	99
4) Vinyl Chloride	2.27	62	94742	45.59	ug/l	97
5) Bromomethane	2.68	94	68609	61.47	ug/l	99
6) Chloroethane	2.82	64	64243	53.51	ug/l	93
7) Trichlorofluoromethane	3.16	101	126735	43.82	ug/l	99
8) Diethyl Ether	3.57	74	55504	49.38	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.95	101	83194	44.68	ug/l	99
10) Methyl Iodide	4.14	142	102985	40.41	ug/l	97
11) Tert butyl alcohol	5.02	59	51291	259.04	ug/l	100
12) 1,1-Dichloroethene	3.92	96	84780	44.51	ug/l	99
13) Acrolein	3.77	56	47254	265.09	ug/l	98
14) Allyl chloride	4.54	41	151127	47.01	ug/l	99
15) Acrylonitrile	5.23	53	144230	256.59	ug/l	99
16) Acetone	4.00	43	114322	250.13	ug/l	99
17) Carbon Disulfide	4.24	76	240883	39.07	ug/l	100
18) Methyl Acetate	4.53	43	73871	48.89	ug/l	99
19) Methyl tert-butyl Ether	5.28	73	264325	50.17	ug/l	99
20) Methylene Chloride	4.77	84	123364	58.90	ug/l	96
21) trans-1,2-Dichloroethene	5.28	96	100767	46.65	ug/l	98
22) Diisopropyl ether	6.18	45	338097	51.49	ug/l	95
23) Vinyl Acetate	6.12	43	1079898	257.15	ug/l	100
24) 1,1-Dichloroethane	6.08	63	179672	49.98	ug/l	98
25) 2-Butanone	7.04	43	189618	266.57	ug/l	95
26) 2,2-Dichloropropane	7.04	77	144806	43.80	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	118401	50.03	ug/l	99
28) Bromochloromethane	7.38	49	88234	59.77	ug/l	98
29) Tetrahydrofuran	7.40	42	125536	257.52	ug/l	97
30) Chloroform	7.56	83	179062	50.84	ug/l	97
31) Cyclohexane	7.83	56	156716	41.17	ug/l	98
32) 1,1,1-Trichloroethane	7.75	97	149158	47.73	ug/l	99
36) 1,1-Dichloropropene	7.96	75	134916	43.98	ug/l	100
37) Ethyl Acetate	7.13	43	84521	46.94	ug/l	98
38) Carbon Tetrachloride	7.95	117	125980	44.81	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.22	83	169224	40.69	ug/l	99
40) Benzene	8.21	78	419965	46.89	ug/l	99
41) Methacrylonitrile	7.39	41	114997	135.97	ug/l #	29
42) 1,2-Dichloroethane	8.28	62	119501	47.65	ug/l	99
43) Isopropyl Acetate	8.32	43	168220	48.86	ug/l	98
44) Trichloroethene	8.97	130	107401	46.02	ug/l	98
45) 1,2-Dichloropropane	9.25	63	108877	49.18	ug/l	96
46) Dibromomethane	9.34	93	58524	48.45	ug/l	98
47) Bromodichloromethane	9.53	83	143423	48.72	ug/l	97
48) Methyl methacrylate	9.33	41	75930	47.66	ug/l	99
49) 1,4-Dioxane	9.33	88	16122	1095.90	ug/l	97
51) 4-Methyl-2-Pentanone	10.10	43	427250	244.56	ug/l	100
52) Toluene	10.27	92	266539	46.66	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	154165	46.80	ug/l	99
54) cis-1,3-Dichloropropene	9.96	75	174824	47.07	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	86673	48.40	ug/l	99
56) Ethyl methacrylate	10.53	69	132290	48.29	ug/l	98
57) 1,3-Dichloropropane	10.81	76	152620	49.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.82	63	224893	233.42	ug/l	98
59) 2-Hexanone	10.86	43	302381	246.97	ug/l	99
60) Dibromochloromethane	11.01	129	99982	48.49	ug/l	99
61) 1,2-Dibromoethane	11.11	107	82526	47.19	ug/l	100
64) Tetrachloroethene	10.75	164	88484	45.71	ug/l	95
65) Chlorobenzene	11.54	112	284617	47.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	102792	49.70	ug/l	99
67) Ethyl Benzene	11.61	91	518175	47.20	ug/l	100
68) m/p-Xylenes	11.72	106	395365	95.47	ug/l	98
69) o-Xylene	12.05	106	189121	47.63	ug/l	100
70) Styrene	12.06	104	339179	48.69	ug/l	99
71) Bromoform	12.23	173	58710	46.03	ug/l #	98
73) Isopropylbenzene	12.35	105	504275	46.66	ug/l	100
74) N-amyl acetate	12.16	43	177469	52.62	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	109393	48.11	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	141249	91.78	ug/l #	100
77) Bromobenzene	12.63	156	115237	48.25	ug/l	96
78) n-propylbenzene	12.69	91	611804	47.06	ug/l	99
79) 2-Chlorotoluene	12.78	91	350176	46.90	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	428266	47.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	39219	43.21	ug/l #	98
82) 4-Chlorotoluene	12.88	91	373505	46.86	ug/l	100
83) tert-Butylbenzene	13.09	119	366026	48.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	432224	48.27	ug/l	99
85) sec-Butylbenzene	13.27	105	518208	47.54	ug/l	100
86) p-Isopropyltoluene	13.39	119	454632	48.04	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	222084	49.17	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	221931	47.75	ug/l	99
89) n-Butylbenzene	13.71	91	451945	47.41	ug/l	99
90) Hexachloroethane	13.98	117	89298	48.29	ug/l	98
91) 1,2-Dichlorobenzene	13.76	146	208012	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	18466	45.02	ug/l	97

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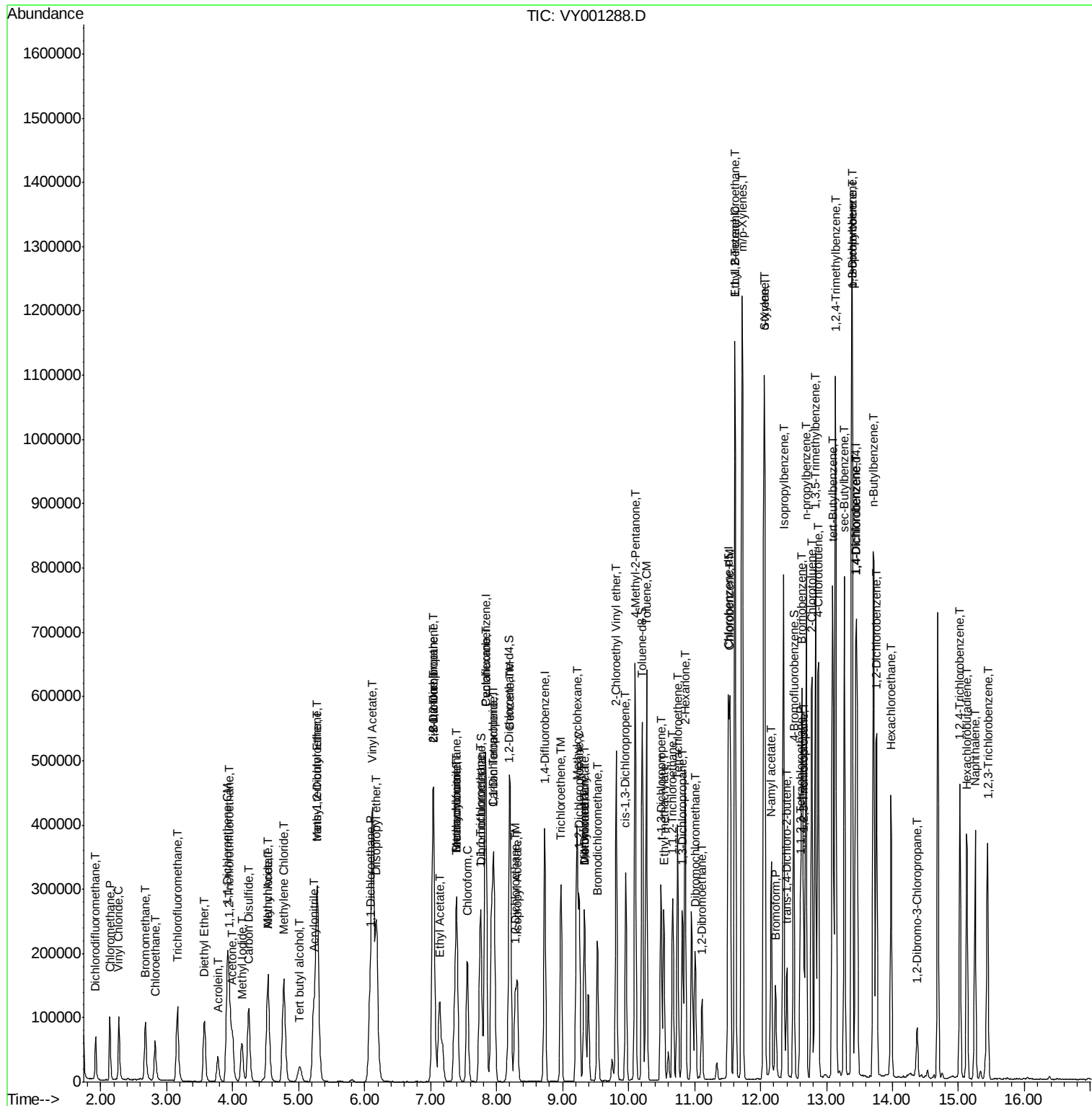
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	133381	48.23	ug/l	99
94) Hexachlorobutadiene	15.13	225	66263	47.56	ug/l	98
95) Naphthalene	15.25	128	310700	48.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	118453	48.60	ug/l	100

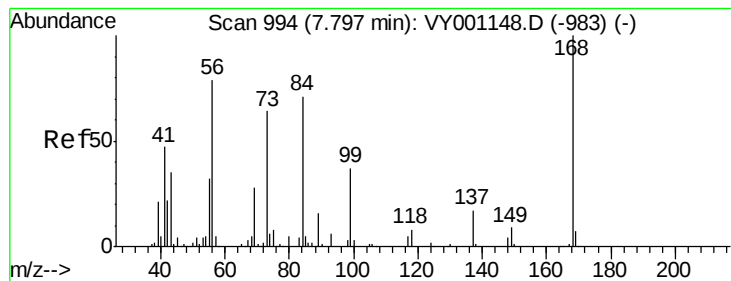
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.84 min Scan# 1001

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

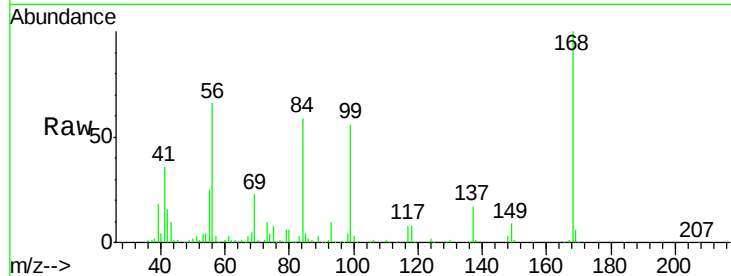
VSTDCCC050EC

Tgt Ion:168 Resp: 186331

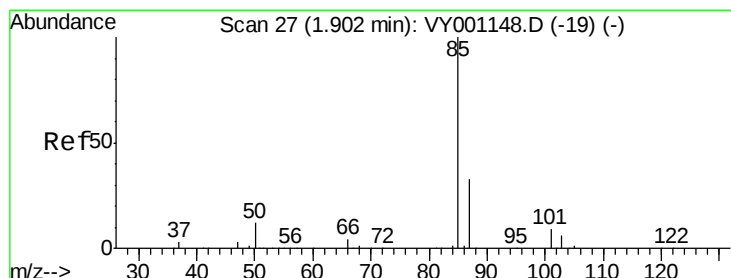
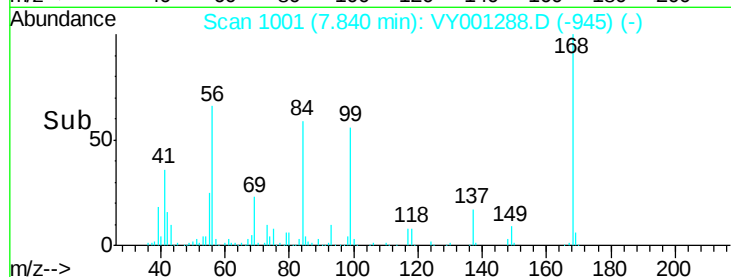
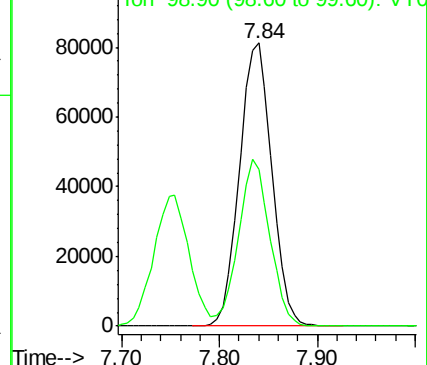
Ion Ratio Lower Upper

168 100

99 55.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 39.44 ug/l

RT: 1.93 min Scan# 31

Delta R.T. 0.02 min

Lab File: VY001288.D

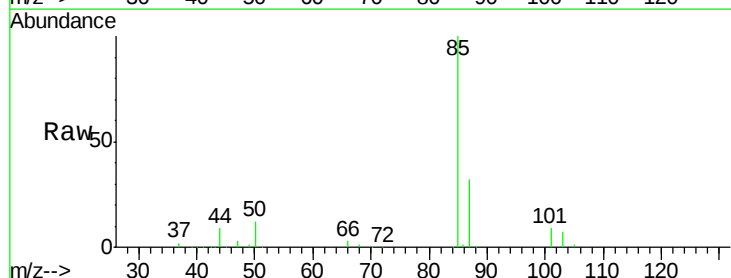
Acq: 17 Jan 2020 23:50

Tgt Ion: 85 Resp: 56440

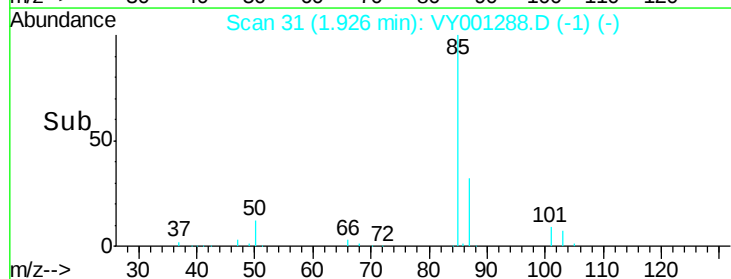
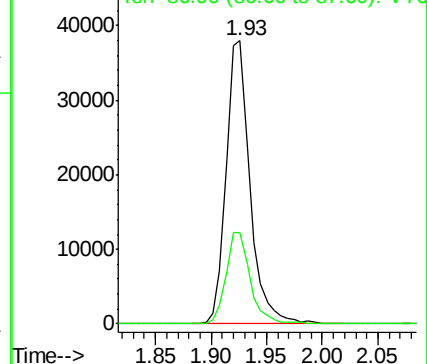
Ion Ratio Lower Upper

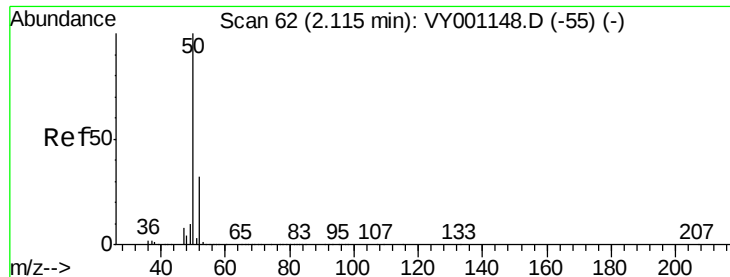
85 100

87 32.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)





#3

Chloromethane

Concen: 43.40 ug/l

RT: 2.14 min Scan# 66

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

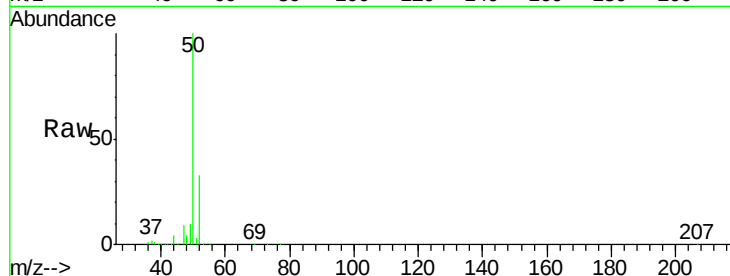
VSTDCCC050EC

Tgt Ion: 50 Resp: 89517

Ion Ratio Lower Upper

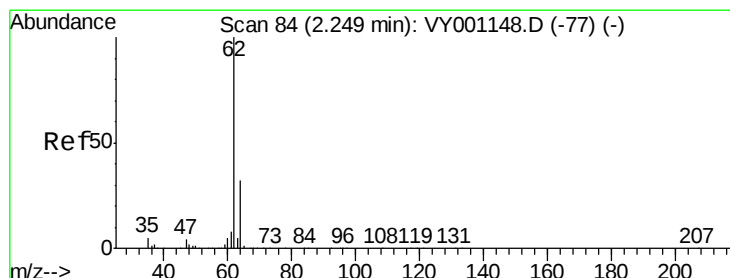
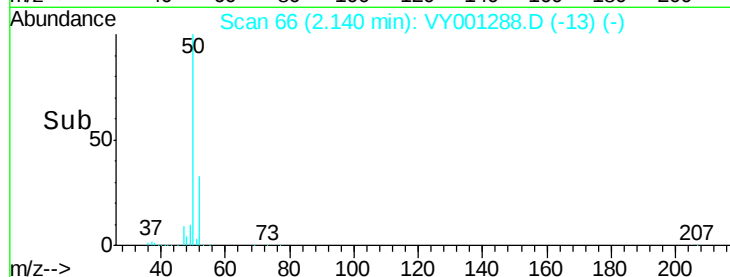
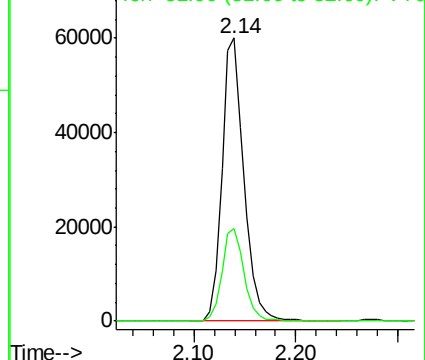
50 100

52 32.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.59 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.02 min

Lab File: VY001288.D

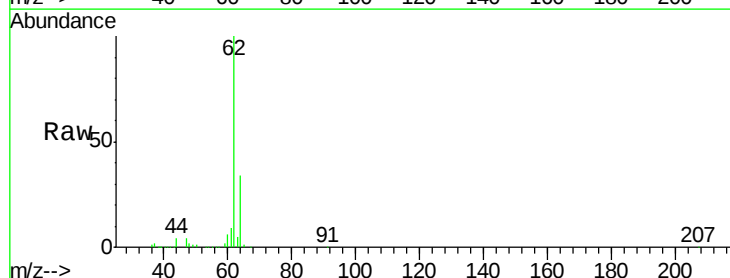
Acq: 17 Jan 2020 23:50

Tgt Ion: 62 Resp: 94742

Ion Ratio Lower Upper

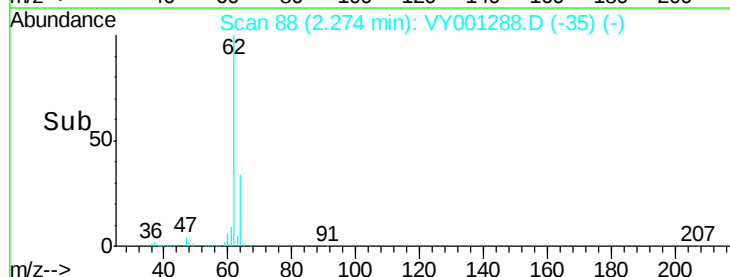
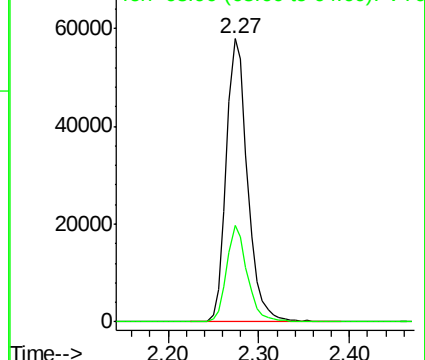
62 100

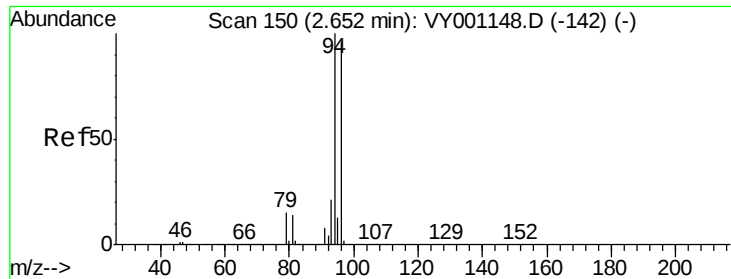
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 61.47 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.02 min

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Instrument :

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ClientSampleId :

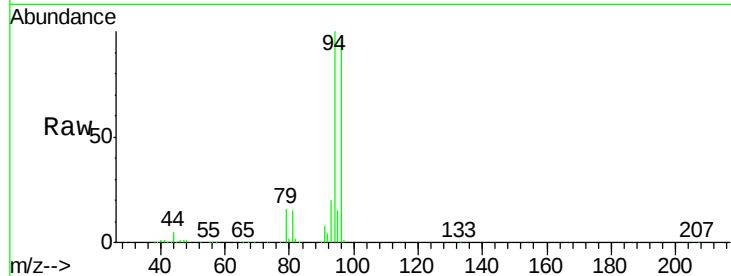
VSTDCCC050EC

Tgt Ion: 94 Resp: 68609

Ion Ratio Lower Upper

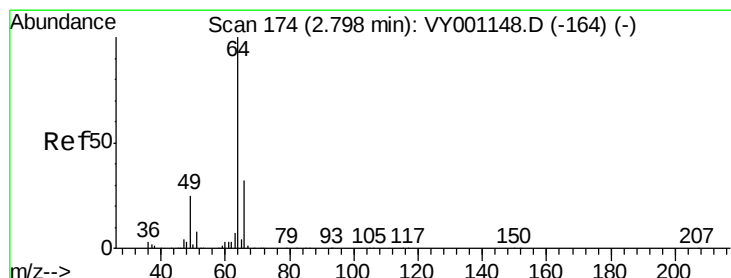
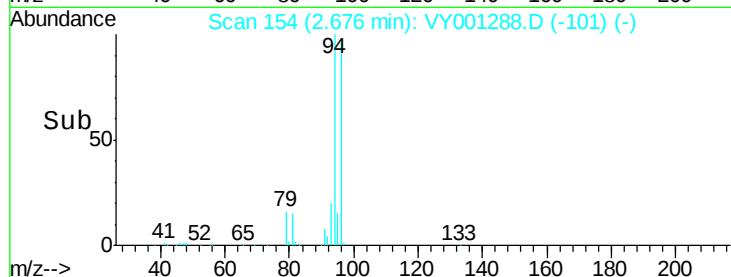
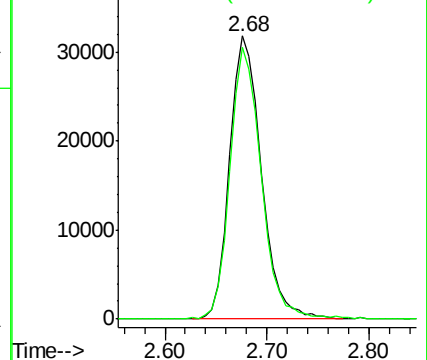
94 100

96 95.3 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.51 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.02 min

Lab File: VY001288.D

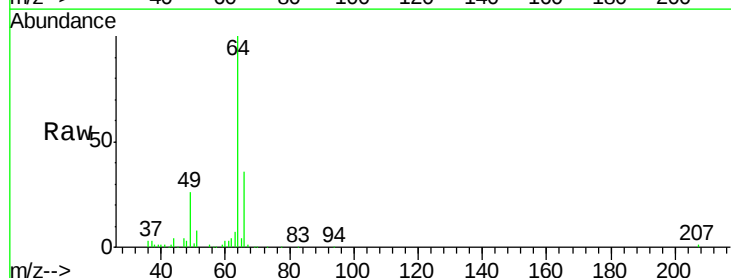
Acq: 17 Jan 2020 23:50

Tgt Ion: 64 Resp: 64243

Ion Ratio Lower Upper

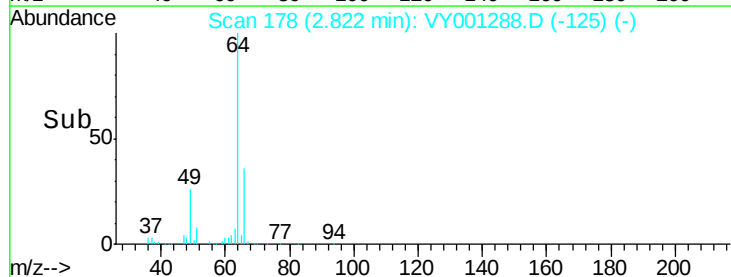
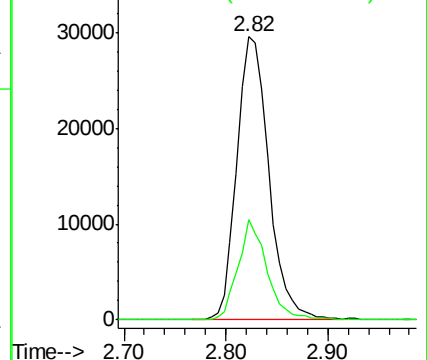
64 100

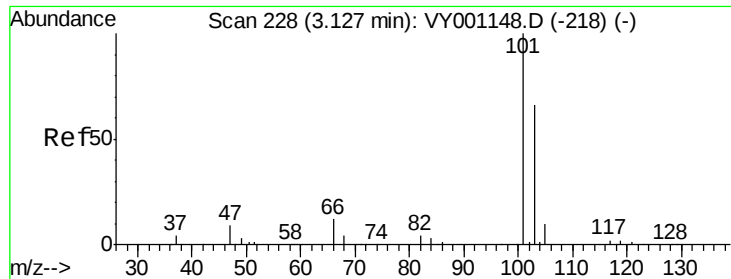
66 35.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



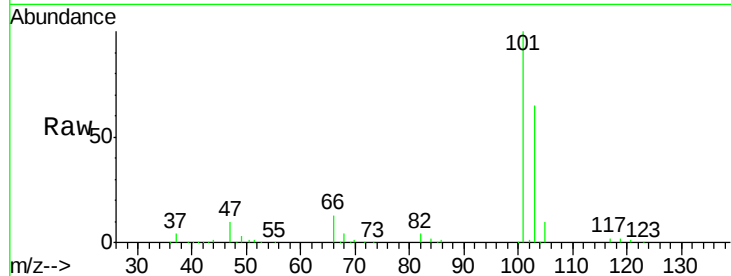


#7

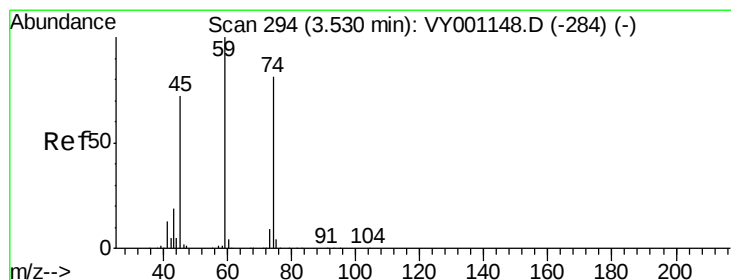
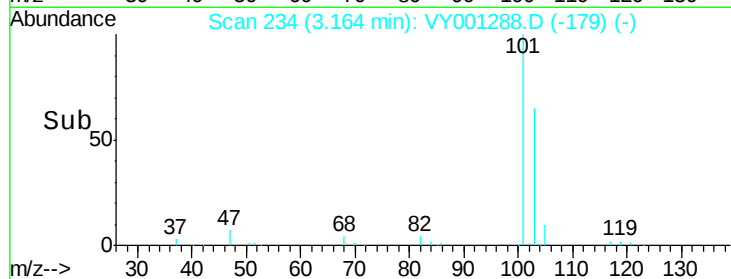
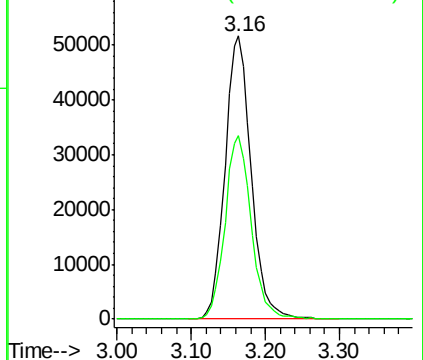
Trichlorofluoromethane
Concen: 43.82 ug/l
RT: 3.16 min Scan# 234
Delta R.T. 0.04 min
Lab File: VY001288.D
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Tgt Ion:101 Resp: 126735
Ion Ratio Lower Upper
101 100
103 64.8 52.6 79.0



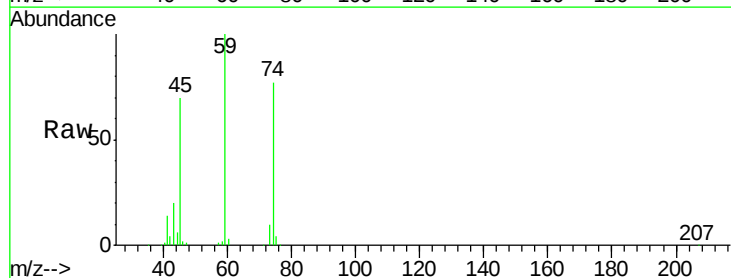
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



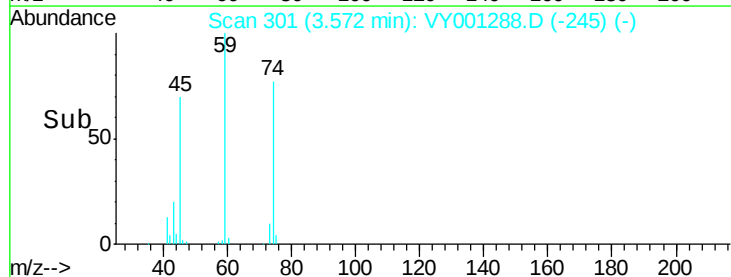
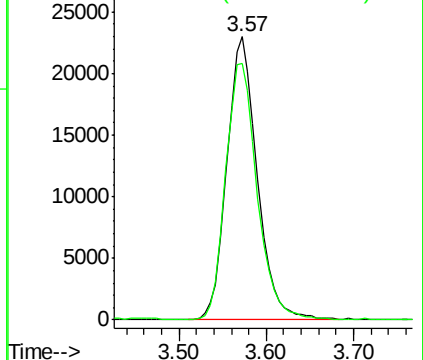
#8

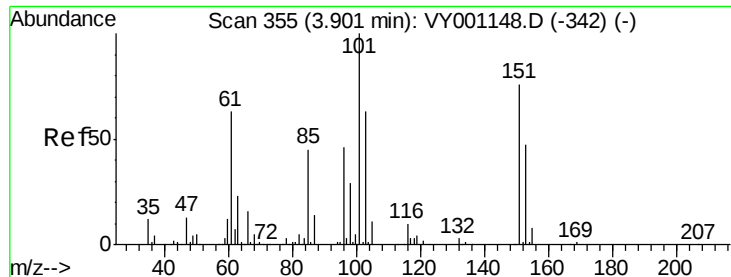
Diethyl Ether
Concen: 49.38 ug/l
RT: 3.57 min Scan# 301
Delta R.T. 0.04 min
Lab File: VY001288.D
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Tgt Ion: 74 Resp: 55504
Ion Ratio Lower Upper
74 100
45 94.4 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.68 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

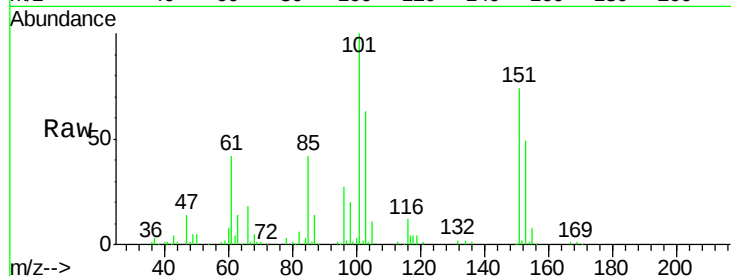
Tgt Ion:101 Resp: 83194

Ion Ratio Lower Upper

101 100

85 42.5 35.2 52.8

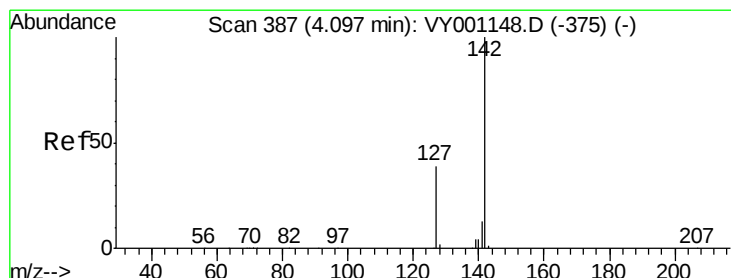
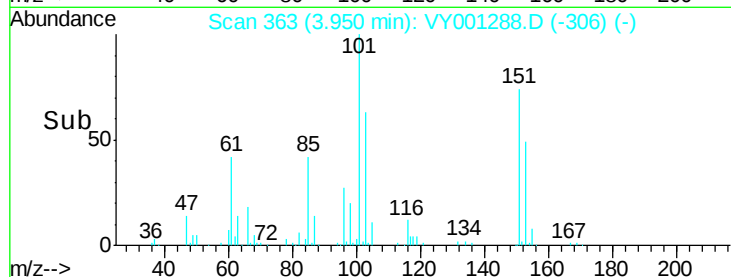
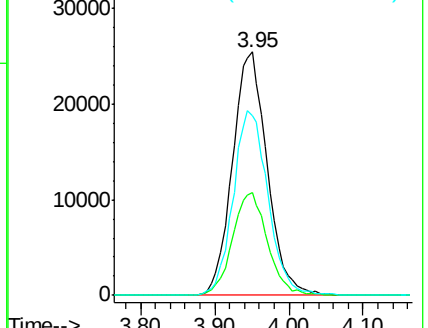
151 76.2 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.41 ug/l

RT: 4.14 min Scan# 394

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

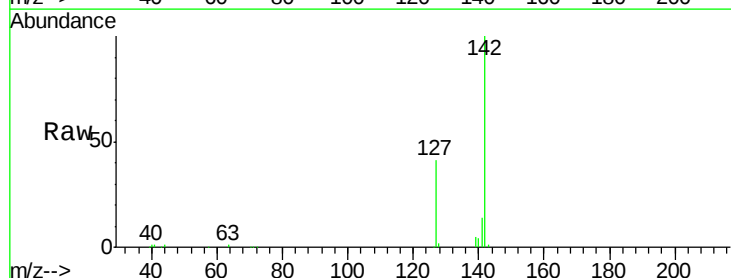
Tgt Ion:142 Resp: 102985

Ion Ratio Lower Upper

142 100

127 40.5 30.8 46.2

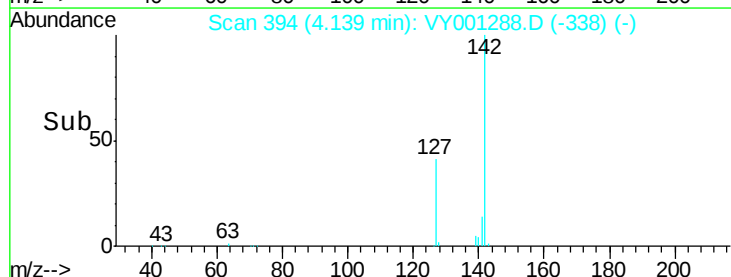
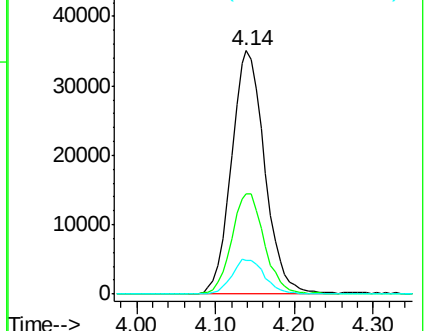
141 14.2 11.0 16.4

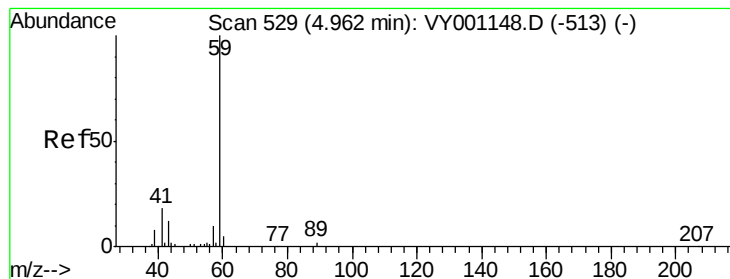


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 259.04 ug/l

RT: 5.02 min Scan# 538

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

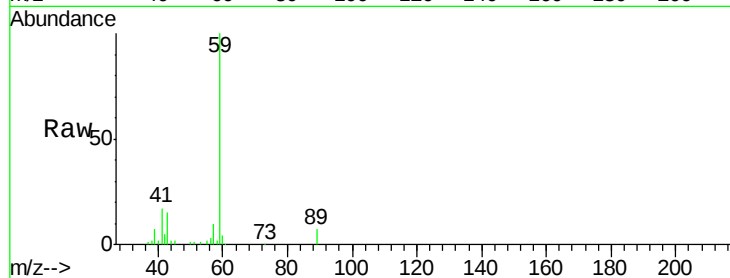
VSTDCCC050EC

Tgt Ion: 59 Resp: 51291

Ion Ratio Lower Upper

59 100

57 9.9 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

15000

10000

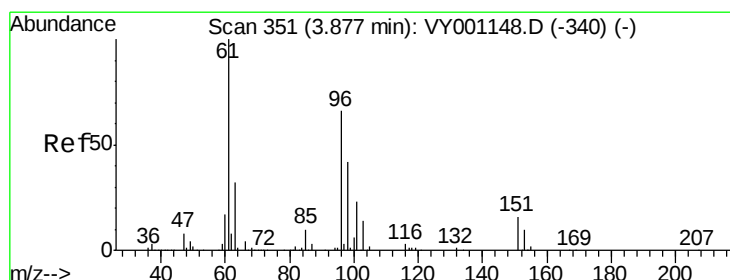
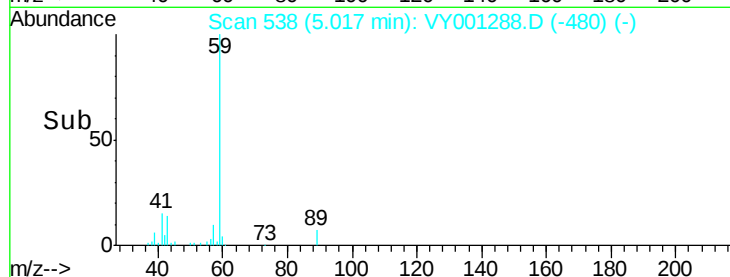
5000

0

Time-->

4.90 5.00 5.10 5.20

5.02



#12

1,1-Dichloroethene

Concen: 44.51 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

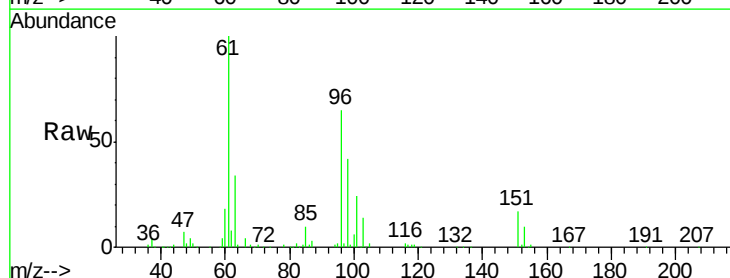
Tgt Ion: 96 Resp: 84780

Ion Ratio Lower Upper

96 100

61 154.0 122.1 183.1

98 64.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

60000

50000

40000

30000

20000

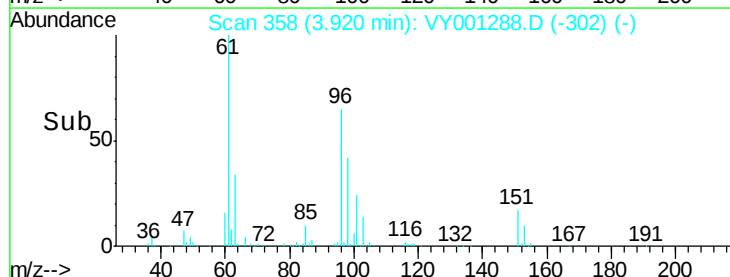
10000

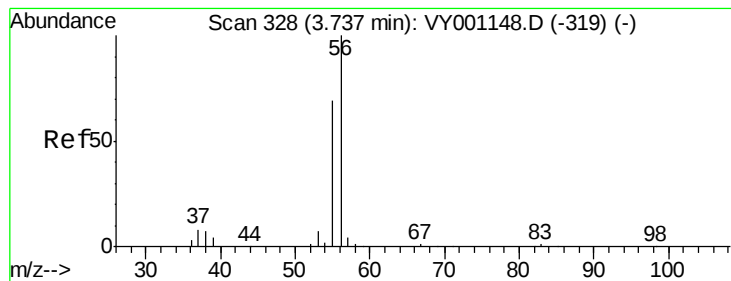
0

Time-->

3.80 3.90 4.00 4.10

3.92





#13

Acrolein

Concen: 265.09 ug/l

RT: 3.77 min Scan# 334

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

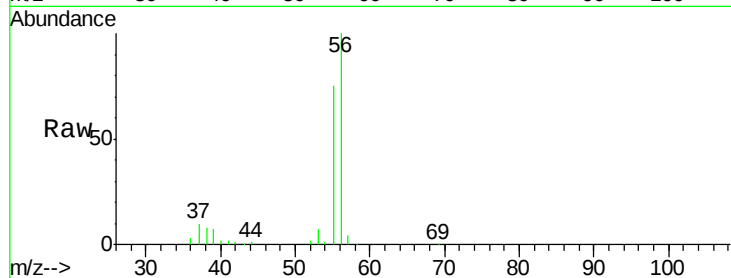
VSTDCCC050EC

Tgt Ion: 56 Resp: 47254

Ion Ratio Lower Upper

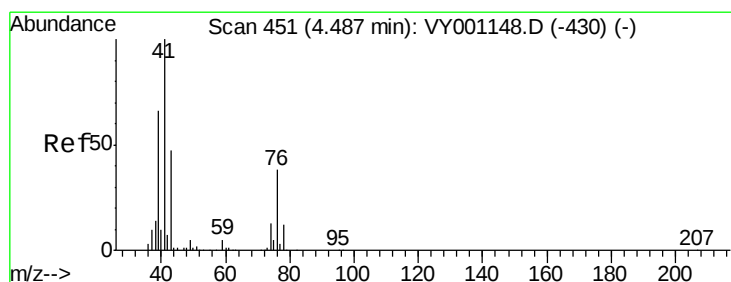
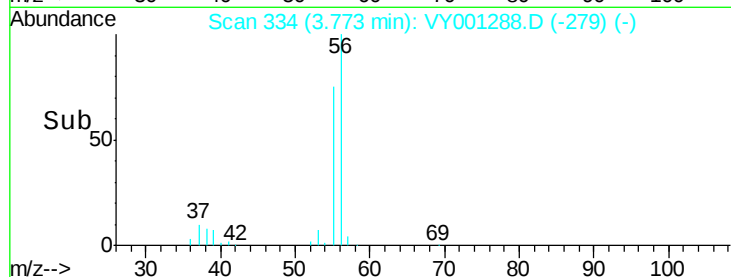
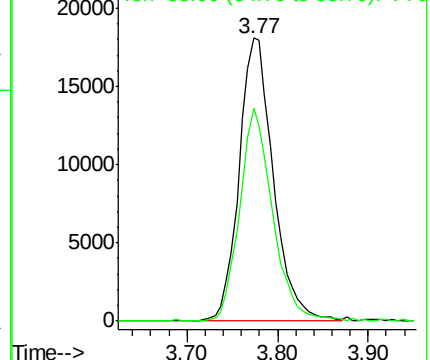
56 100

55 72.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 47.01 ug/l

RT: 4.54 min Scan# 459

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

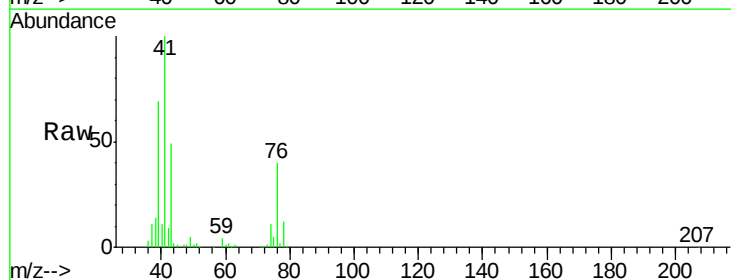
Tgt Ion: 41 Resp: 151127

Ion Ratio Lower Upper

41 100

39 65.9 52.6 78.8

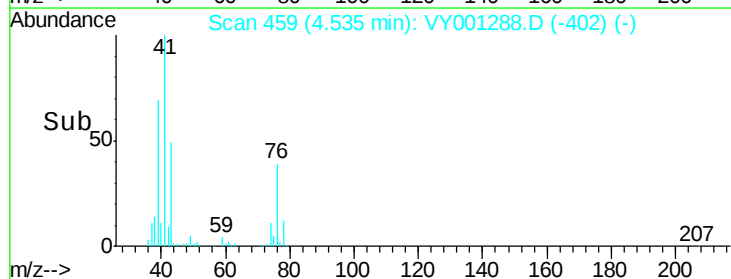
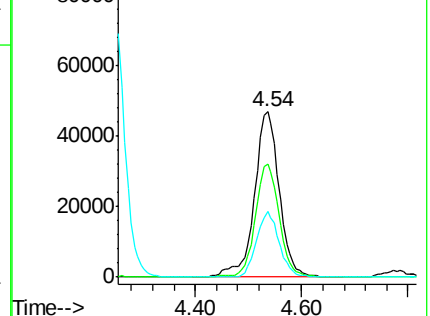
76 36.1 30.2 45.2

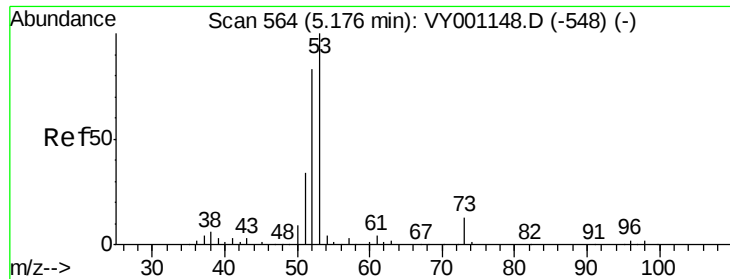


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 256.59 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

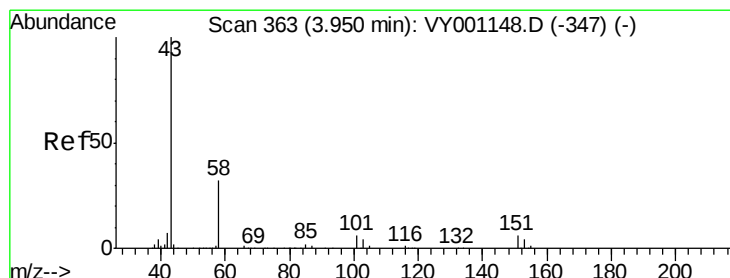
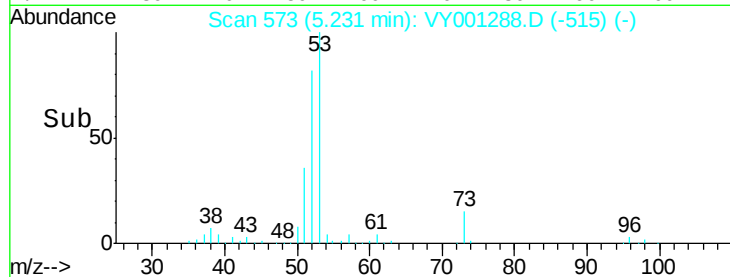
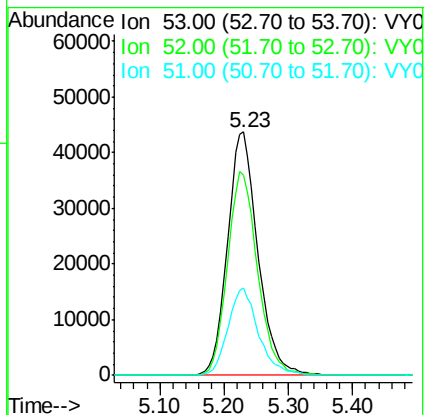
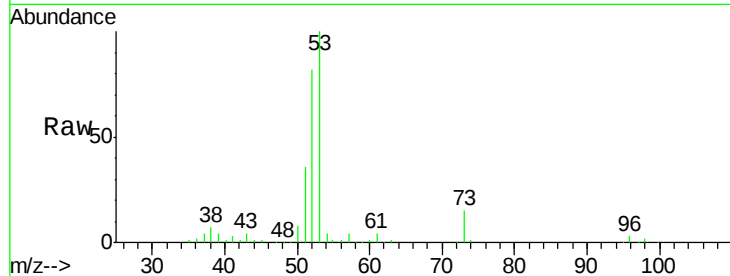
Tgt Ion: 53 Resp: 144230

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

51 36.3 28.7 43.1



#16

Acetone

Concen: 250.13 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.05 min

Lab File: VY001288.D

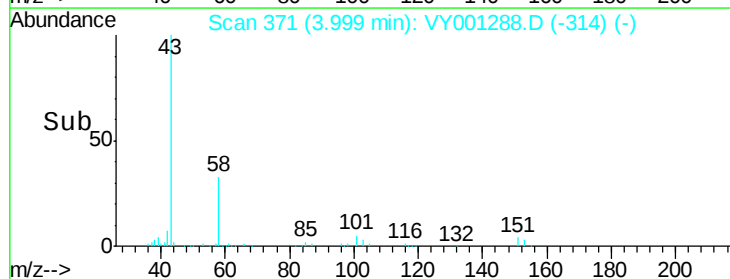
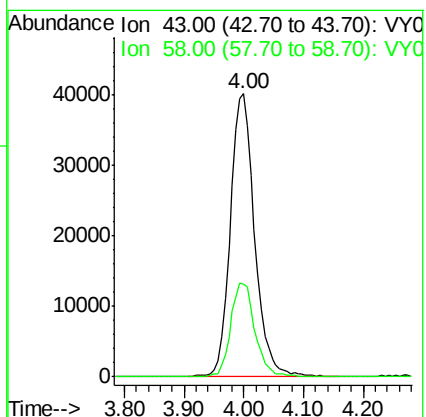
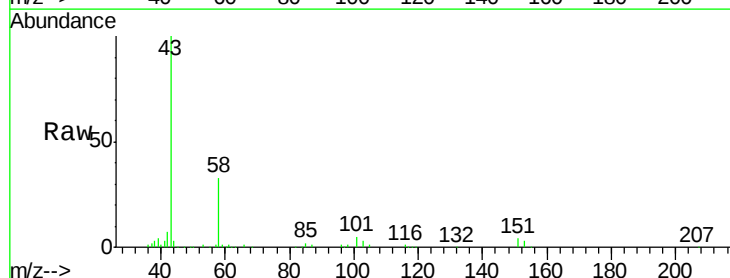
Acq: 17 Jan 2020 23:50

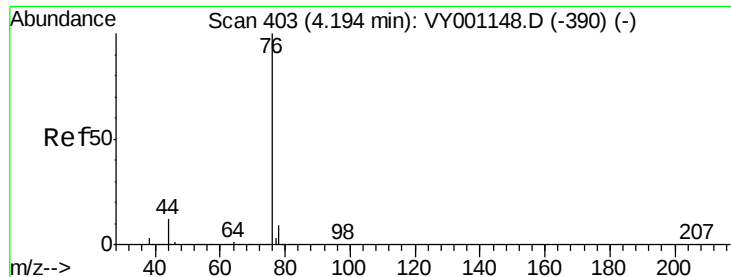
Tgt Ion: 43 Resp: 114322

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6

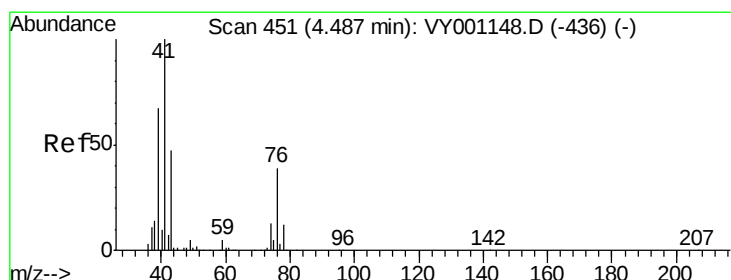
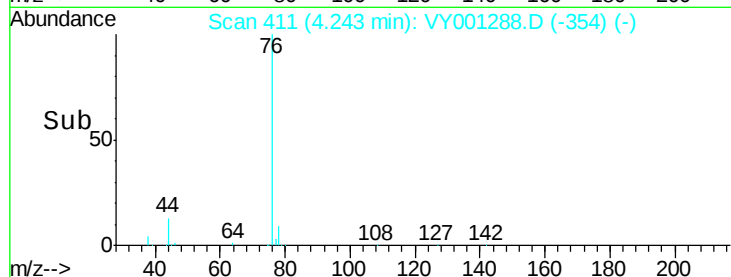
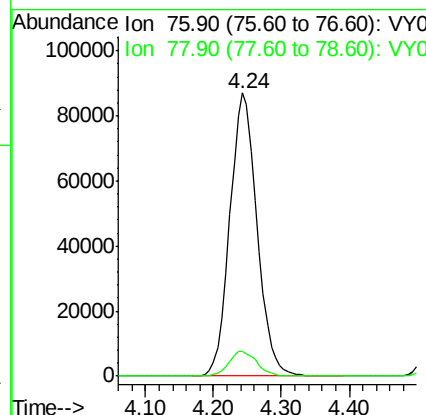
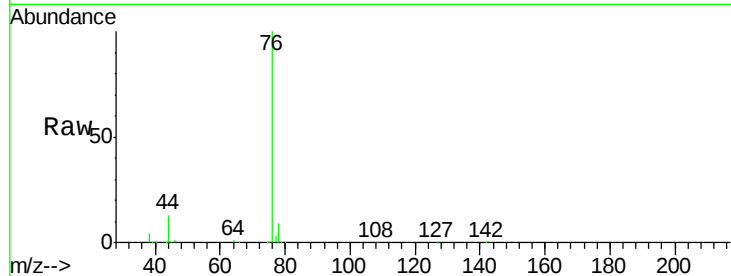




#17
Carbon Disulfide
Concen: 39.07 ug/l
RT: 4.24 min Scan# 411
Delta R.T. 0.05 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

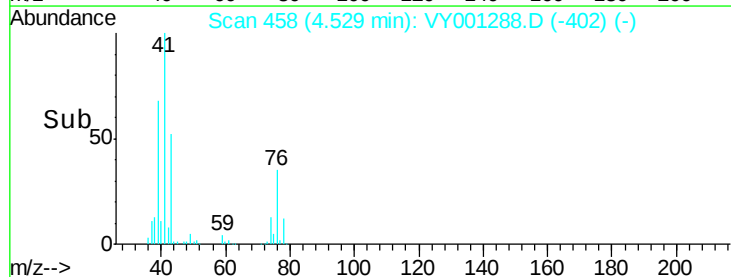
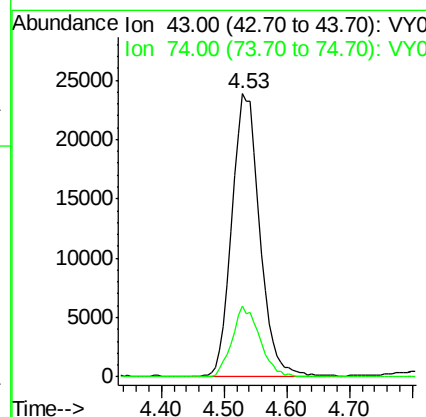
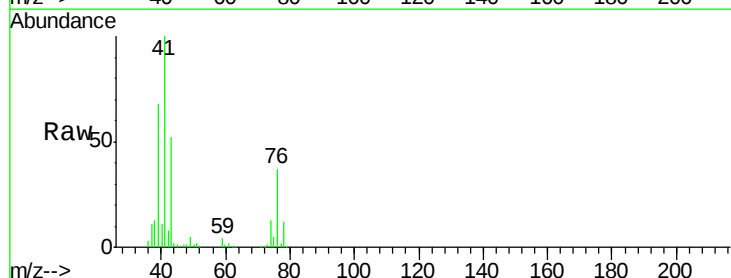
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 240883
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 48.89 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 43 Resp: 73871
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2

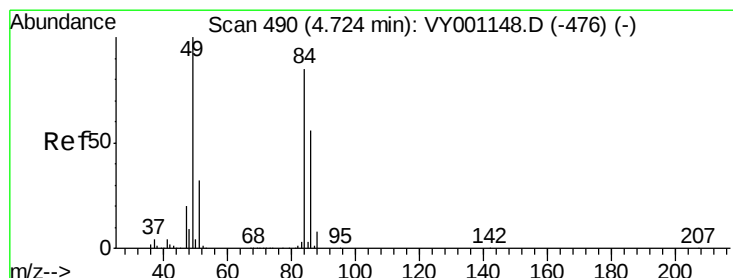
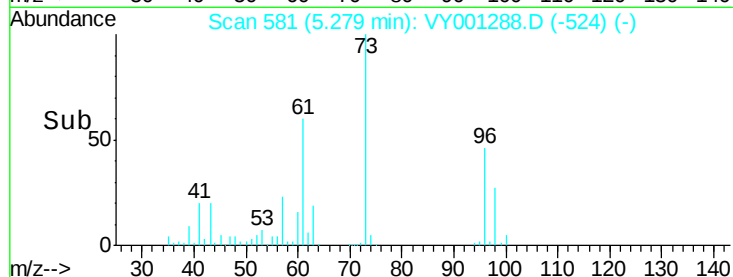
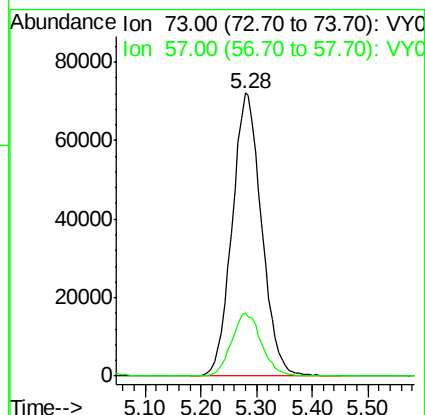
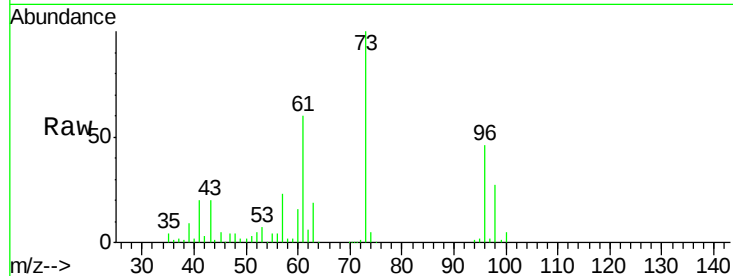




#19
Methyl tert-butyl Ether
Concen: 50.17 ug/l
RT: 5.28 min Scan# 581
Delta R.T. 0.05 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

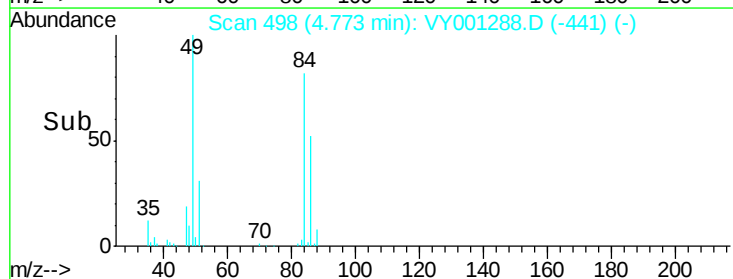
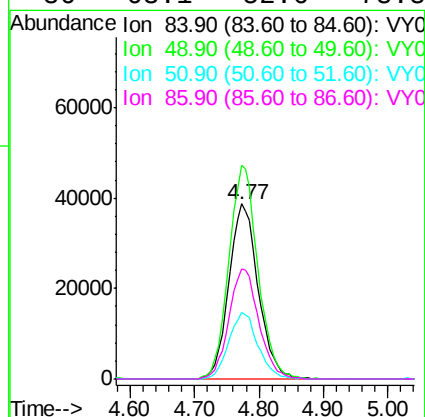
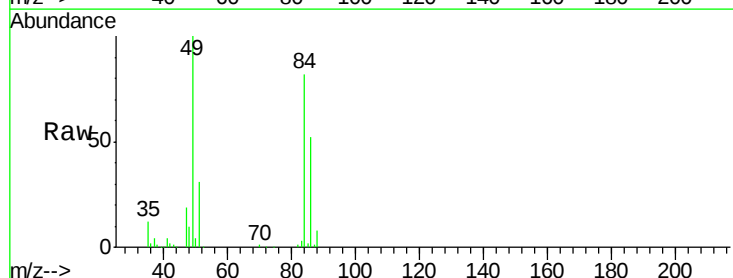
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

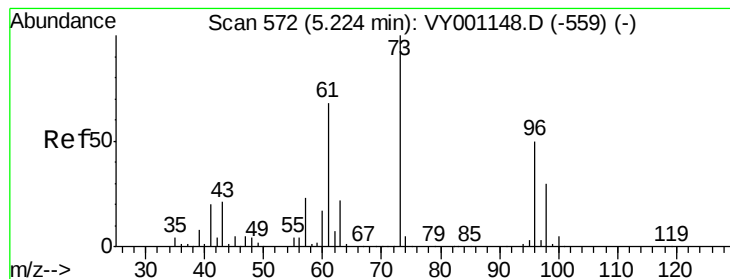
Tgt Ion: 73 Resp: 264325
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6



#20
Methylene Chloride
Concen: 58.90 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.05 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 84 Resp: 123364
Ion Ratio Lower Upper
84 100
49 122.2 93.8 140.6
51 38.1 29.9 44.9
86 63.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.65 ug/l

RT: 5.28 min Scan# 581

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

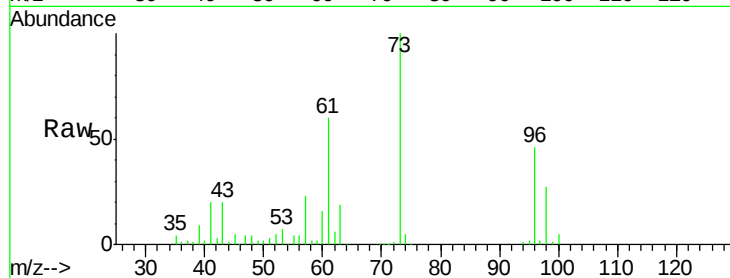
Tgt Ion: 96 Resp: 100767

Ion Ratio Lower Upper

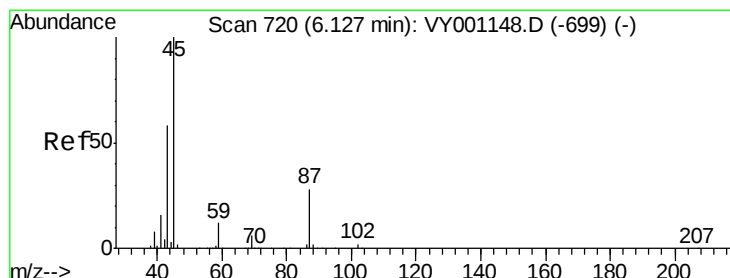
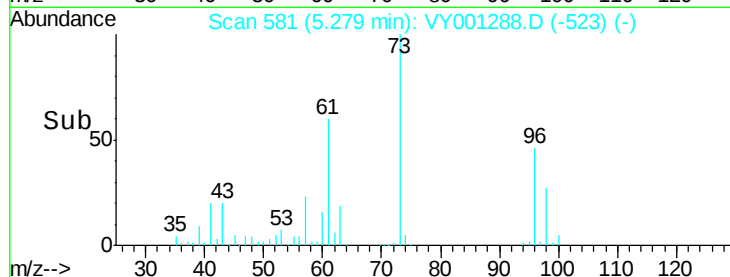
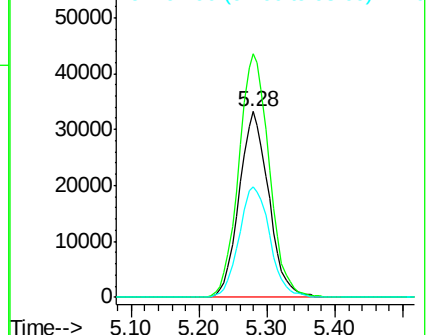
96 100

61 131.0 107.6 161.4

98 59.5 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 51.49 ug/l

RT: 6.18 min Scan# 729

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Tgt Ion: 45 Resp: 338097

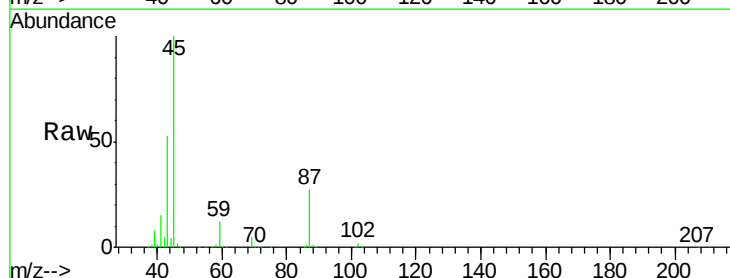
Ion Ratio Lower Upper

45 100

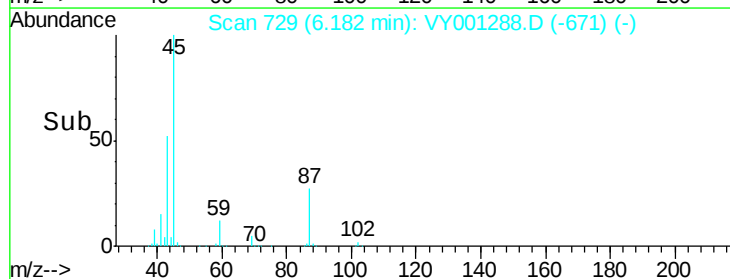
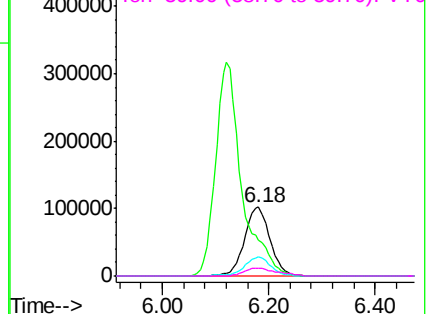
43 52.6 46.5 69.7

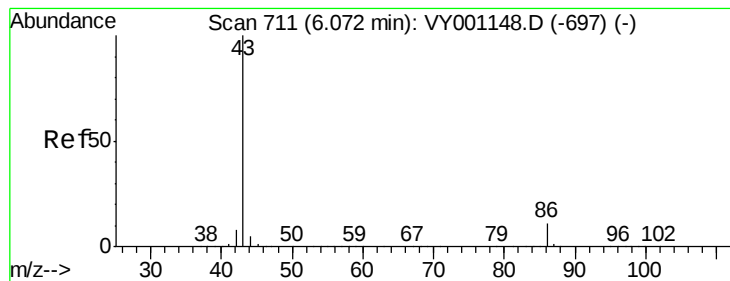
87 27.3 22.5 33.7

59 11.8 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 257.15 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

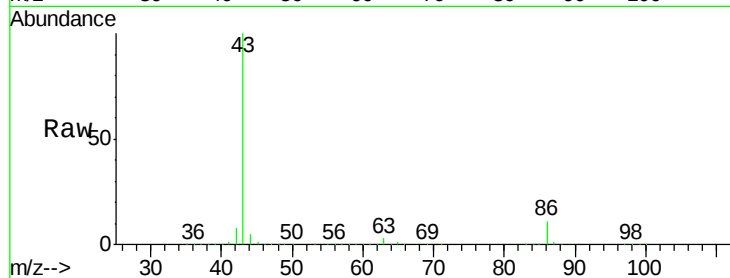
VSTDCCC050EC

Tgt Ion: 43 Resp: 1079898

Ion Ratio Lower Upper

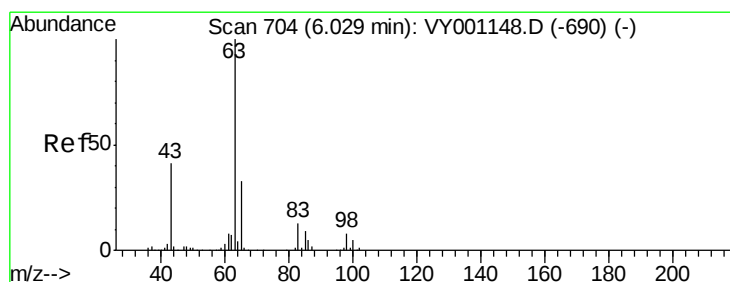
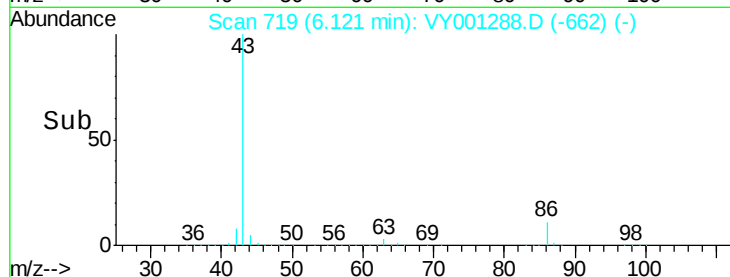
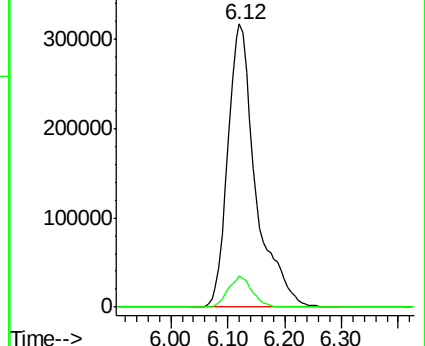
43 100

86 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.98 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.05 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

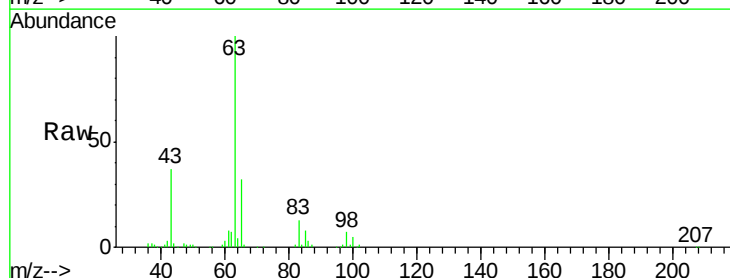
Tgt Ion: 63 Resp: 179672

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

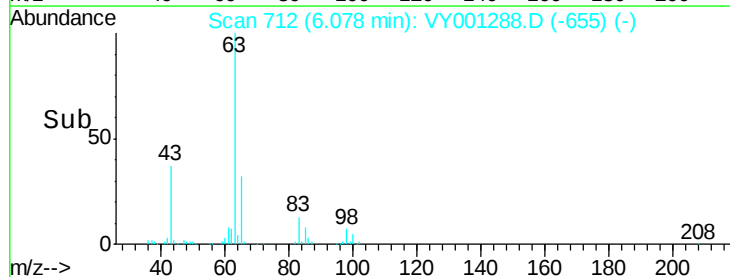
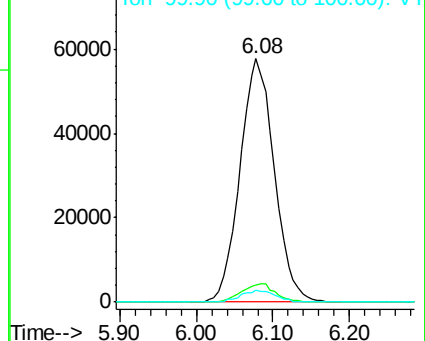
100 5.1 2.4 7.2

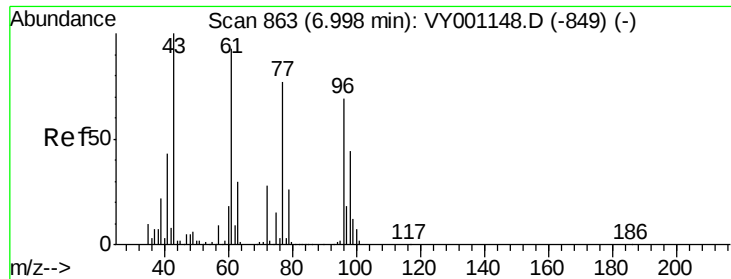


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

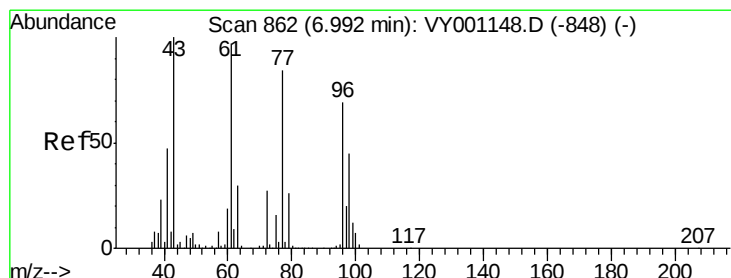
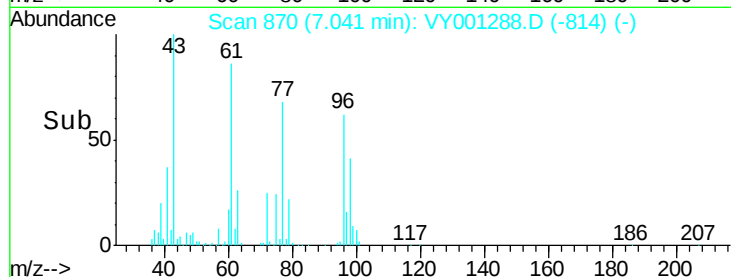
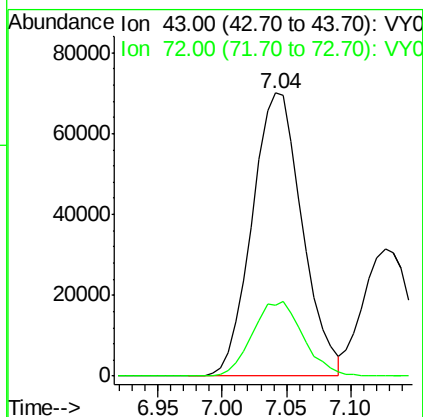
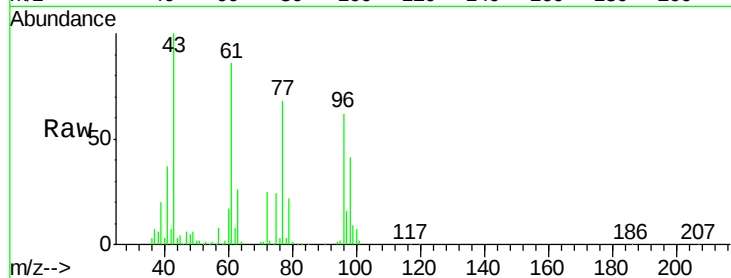




#25
2-Butanone
Concen: 266.57 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

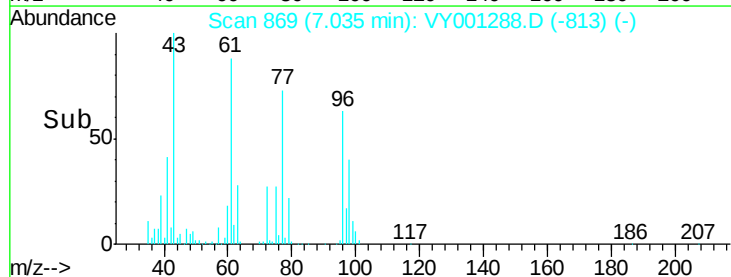
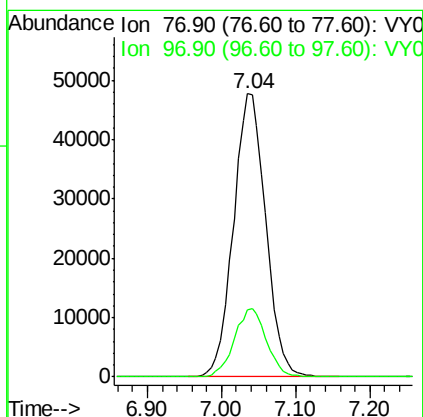
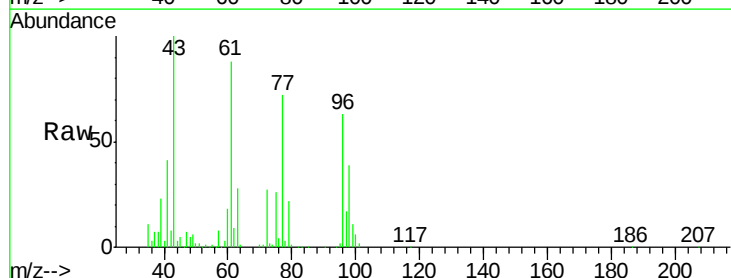
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

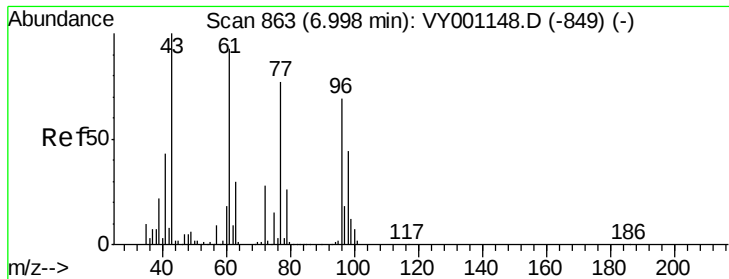
Tgt Ion: 43 Resp: 189618
Ion Ratio Lower Upper
43 100
72 25.2 22.2 33.2



#26
2,2-Dichloropropane
Concen: 43.80 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 77 Resp: 144806
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.7



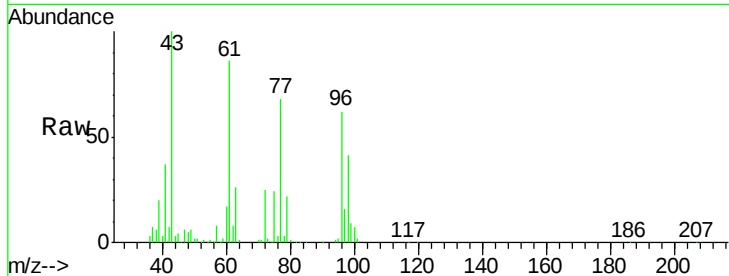


#27

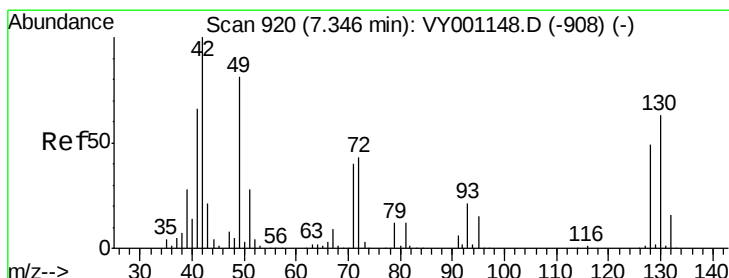
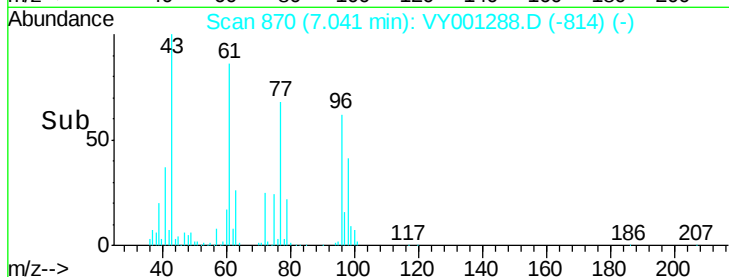
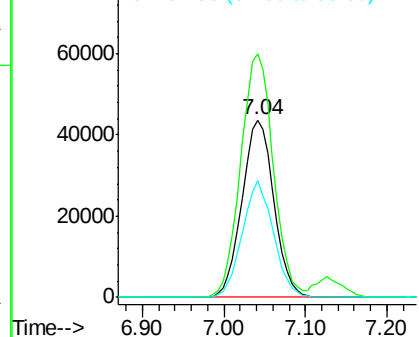
cis-1,2-Dichloroethene
Concen: 50.03 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 118401
Ion Ratio Lower Upper
96 100
61 140.1 0.0 284.0
98 64.1 0.0 130.2



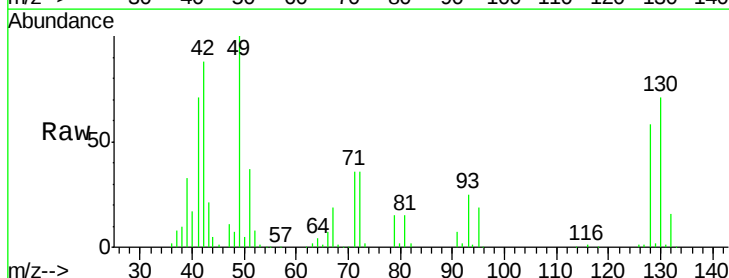
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



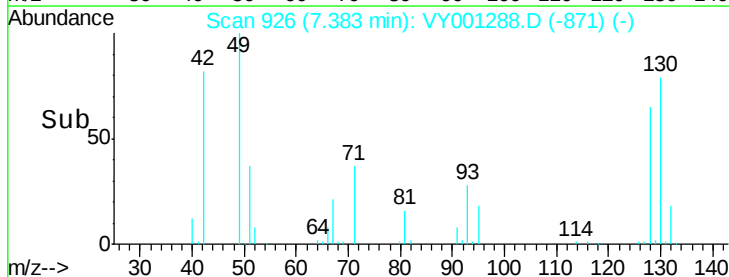
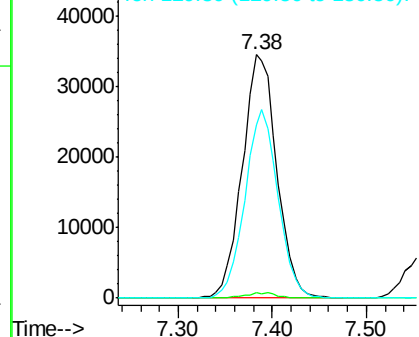
#28

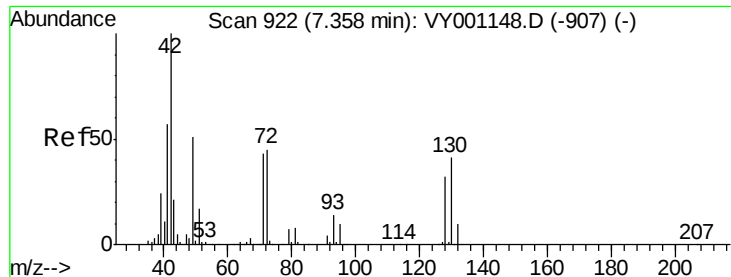
Bromochloromethane
Concen: 59.77 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 49 Resp: 88234
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 74.4 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

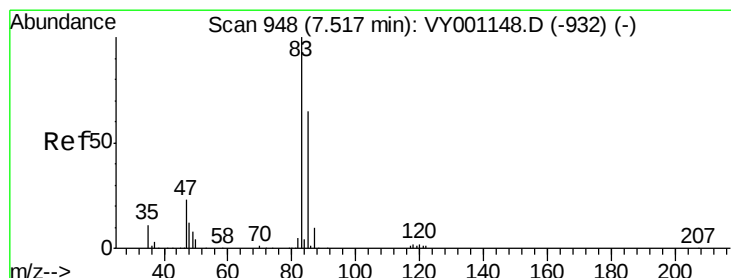
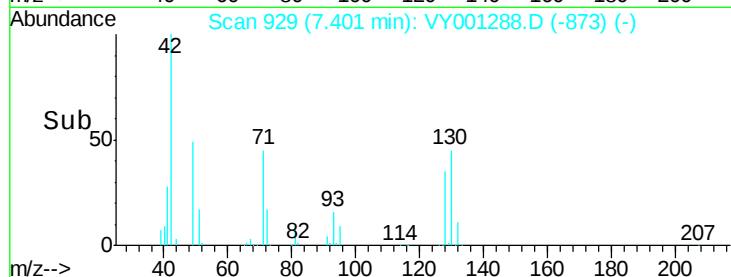
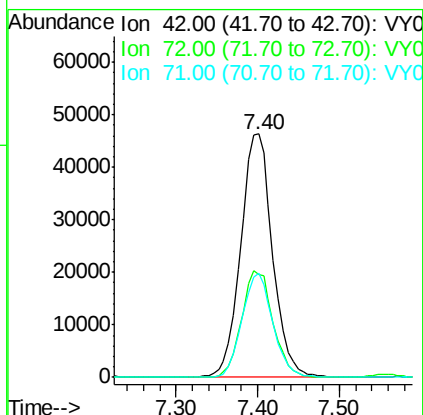
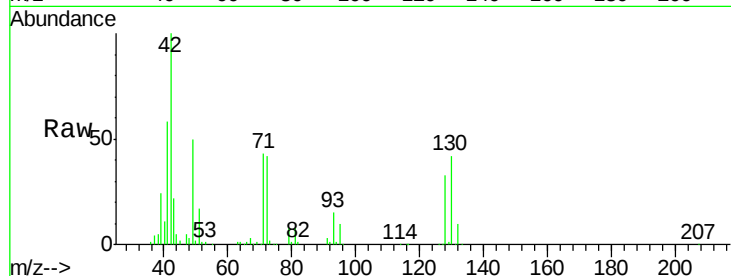




#29
Tetrahydrofuran
Concen: 257.52 ug/l
RT: 7.40 min Scan# 929
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

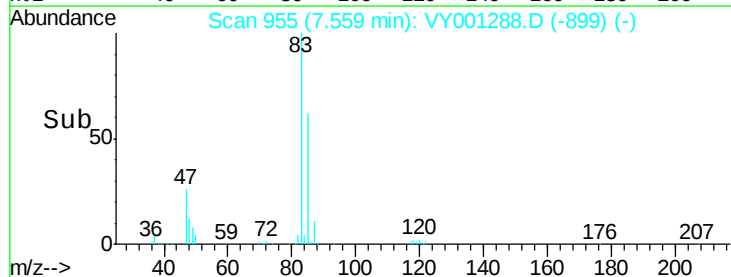
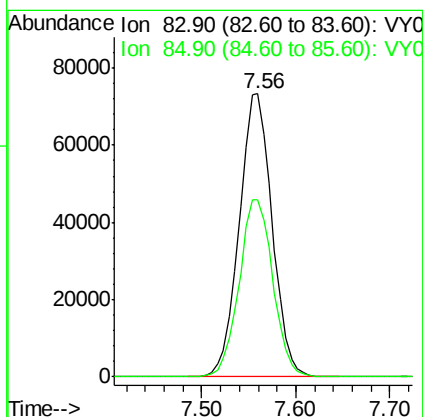
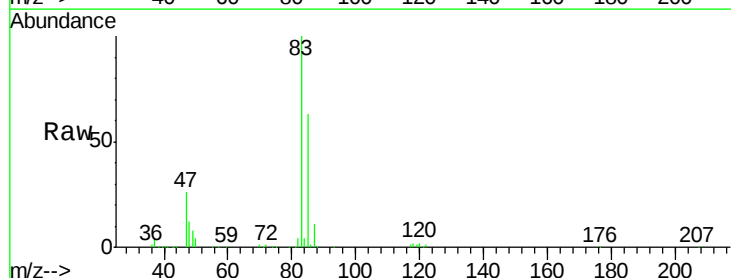
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

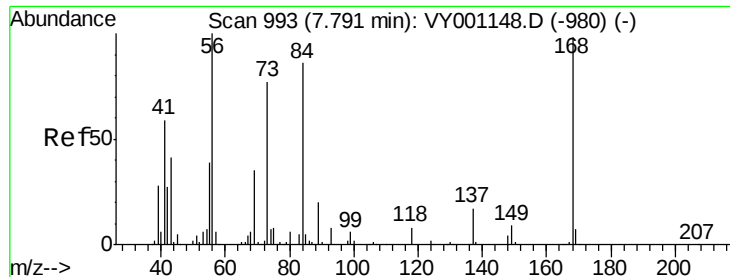
Tgt Ion: 42 Resp: 125536
Ion Ratio Lower Upper
42 100
72 43.3 36.9 55.3
71 41.2 34.0 51.0



#30
Chloroform
Concen: 50.84 ug/l
RT: 7.56 min Scan# 955
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 83 Resp: 179062
Ion Ratio Lower Upper
83 100
85 62.7 51.9 77.9

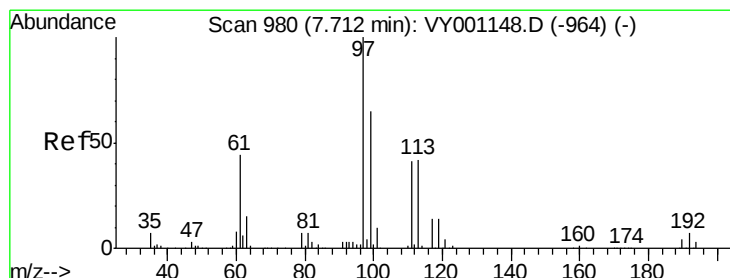
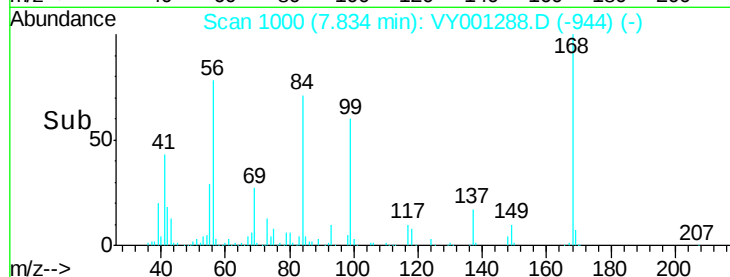
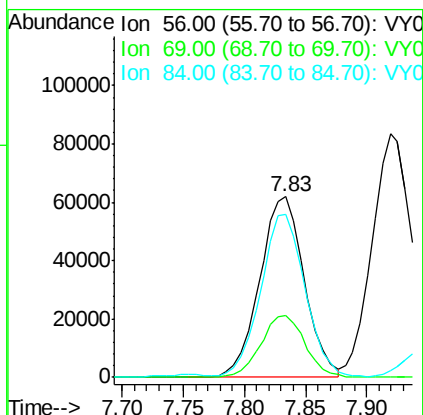
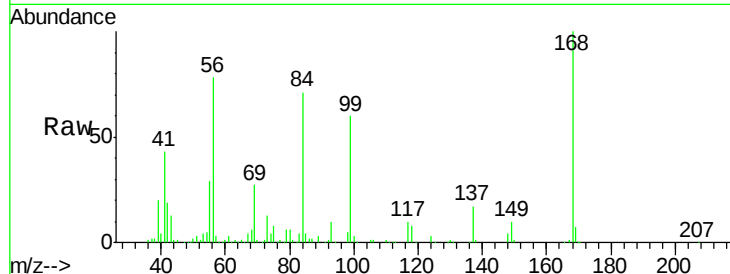




#31
Cyclohexane
Concen: 41.17 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

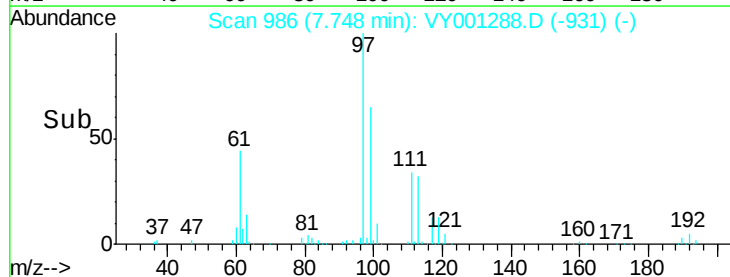
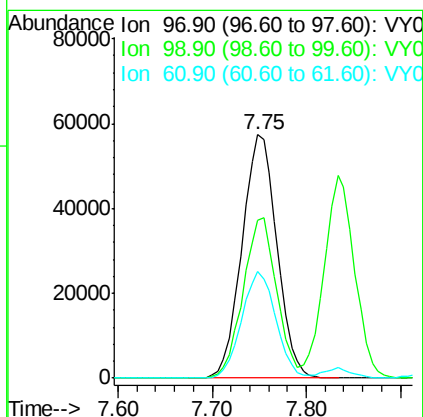
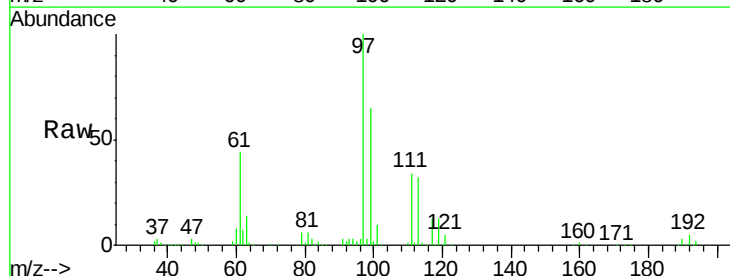
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

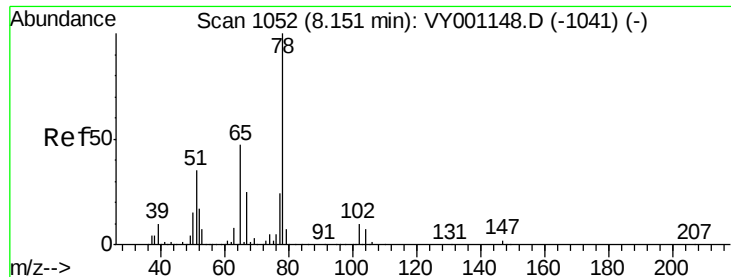
Tgt Ion: 56 Resp: 156716
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.8
84 89.1 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 47.73 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 97 Resp: 149158
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 42.8 34.6 52.0





#33

1,2-Dichloroethane-d4

Concen: 49.09 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

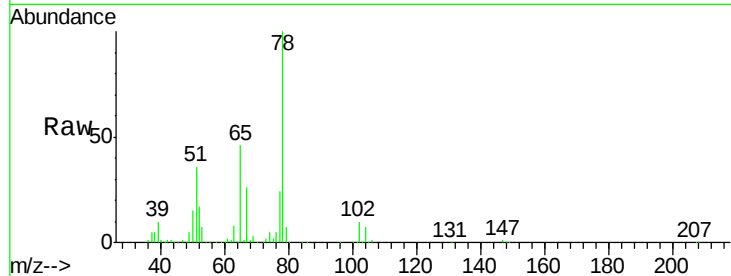
VSTDCCC050EC

Tgt Ion: 65 Resp: 96600

Ion Ratio Lower Upper

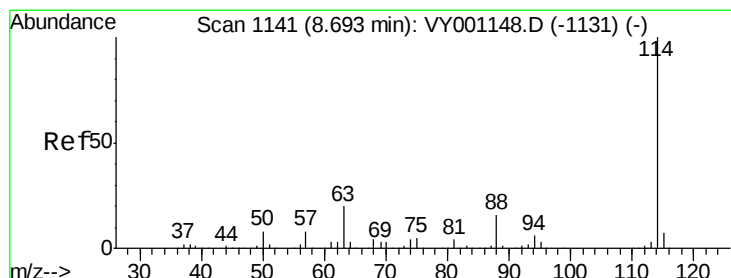
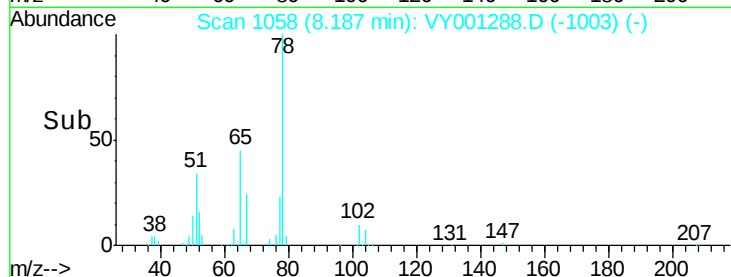
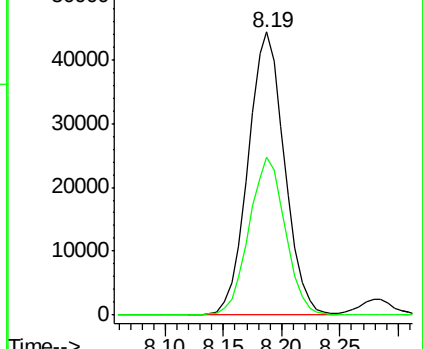
65 100

67 55.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.73 min Scan# 1147

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

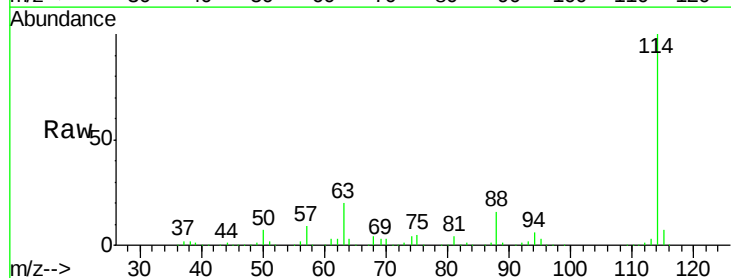
Tgt Ion: 114 Resp: 336606

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

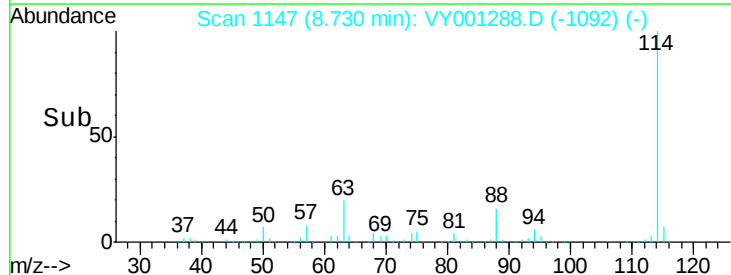
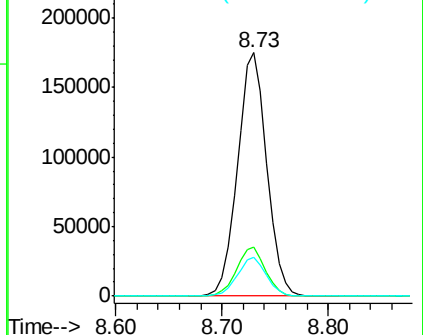
88 15.7 0.0 32.4

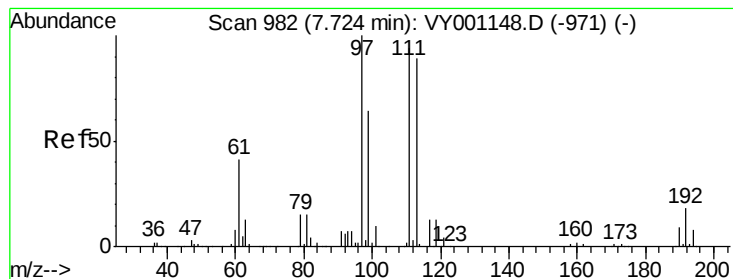


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 44.95 ug/l

RT: 7.77 min Scan# 989

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

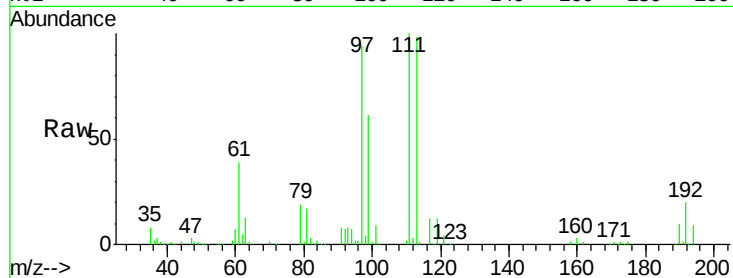
Tgt Ion:113 Resp: 88584

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

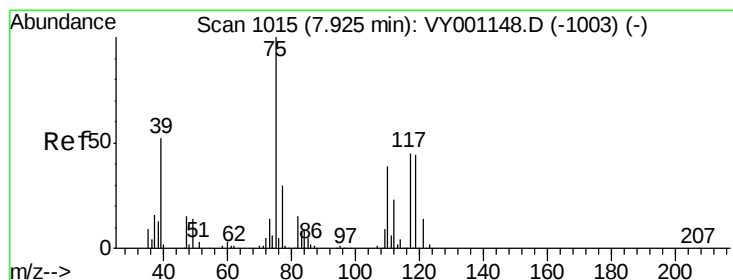
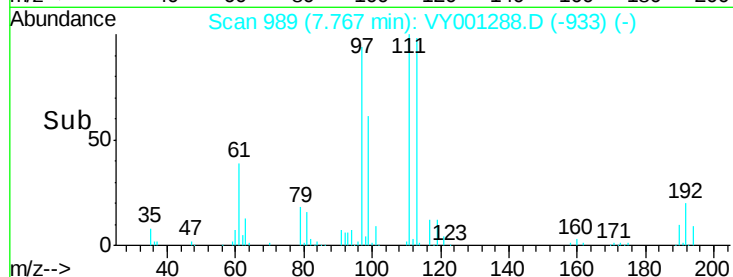
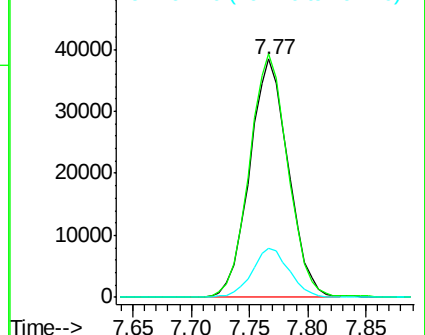
192 20.0 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.98 ug/l

RT: 7.96 min Scan# 1021

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

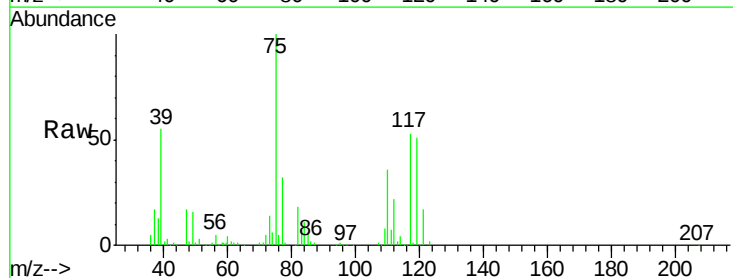
Tgt Ion: 75 Resp: 134916

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.8

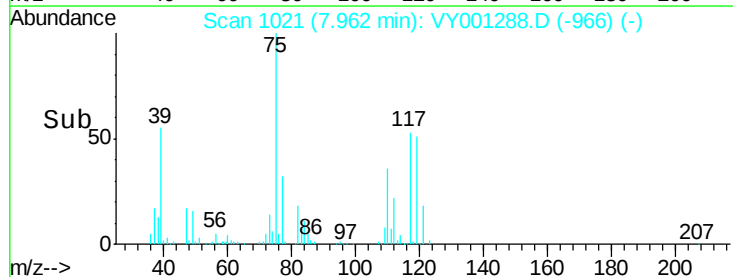
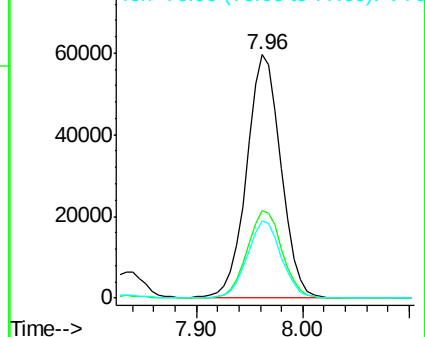
77 31.9 25.1 37.7

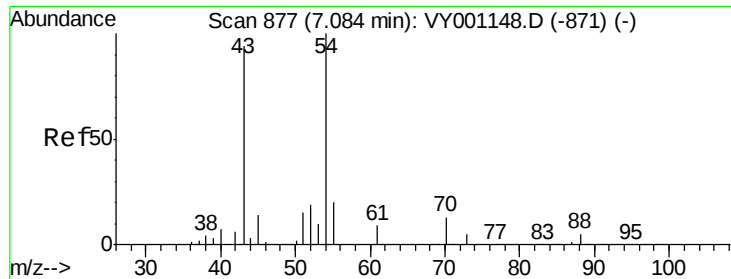


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

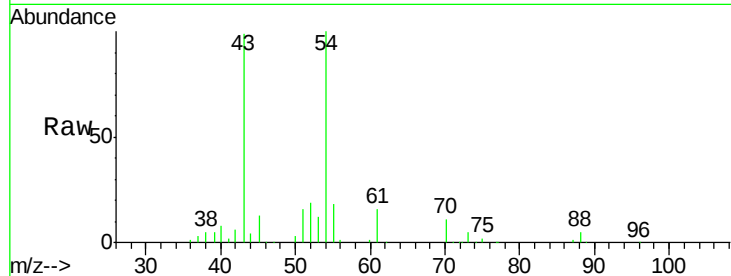




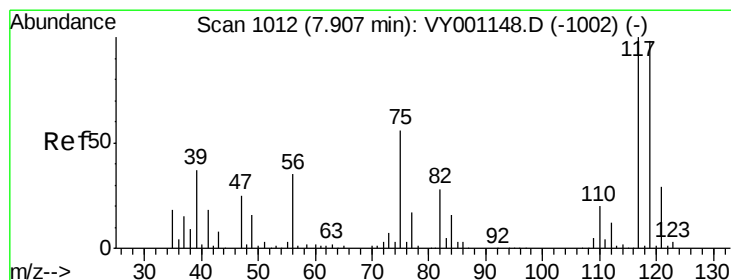
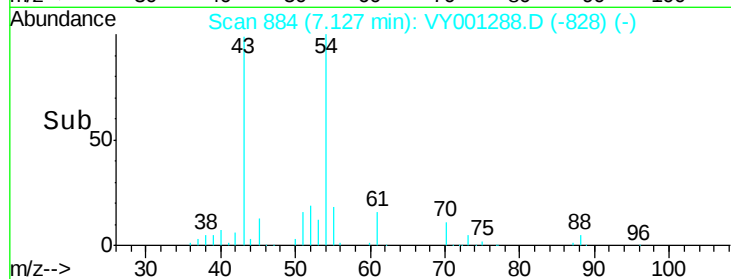
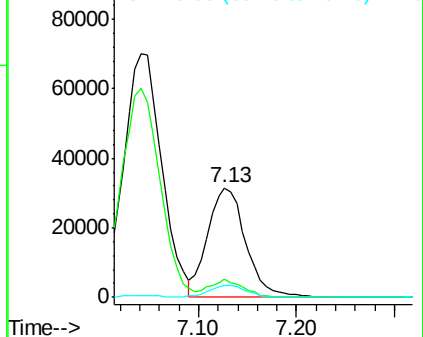
#37
Ethyl Acetate
Concen: 46.94 ug/l
RT: 7.13 min Scan# 884
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 84521
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.9 9.7 14.5

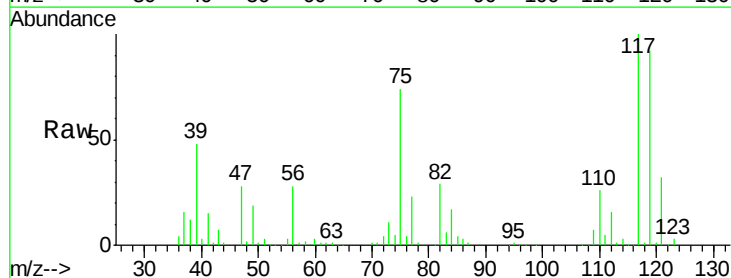


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

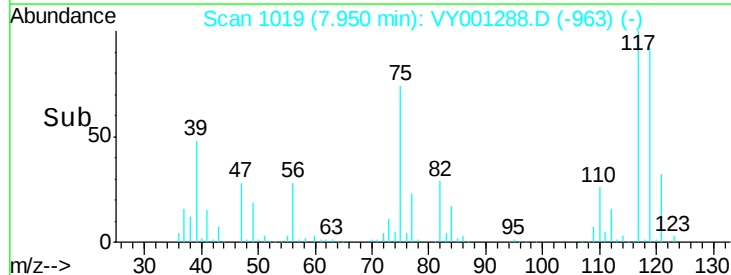
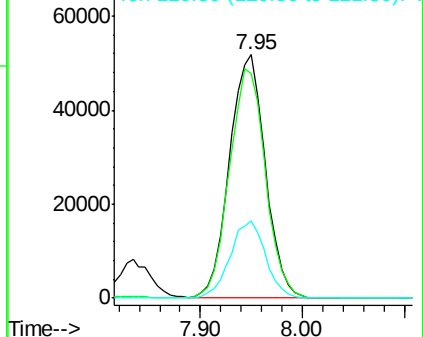


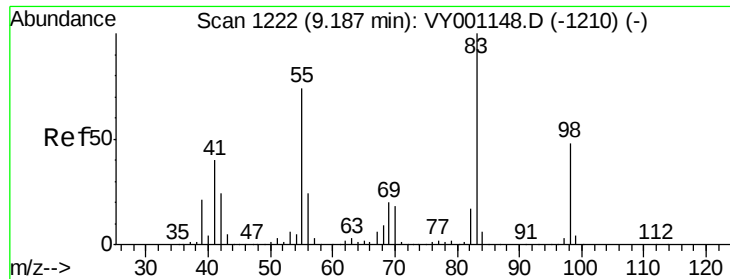
#38
Carbon Tetrachloride
Concen: 44.81 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 117 Resp: 125980
Ion Ratio Lower Upper
117 100
119 92.1 78.3 117.5
121 31.8 23.5 35.3



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

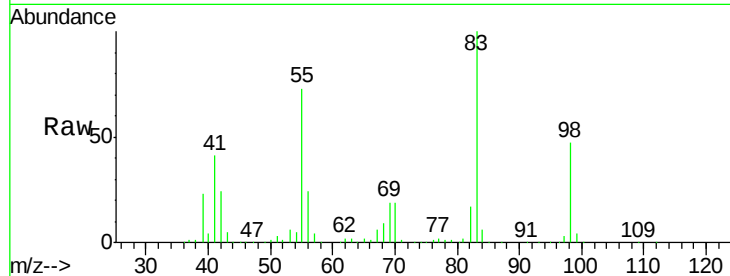




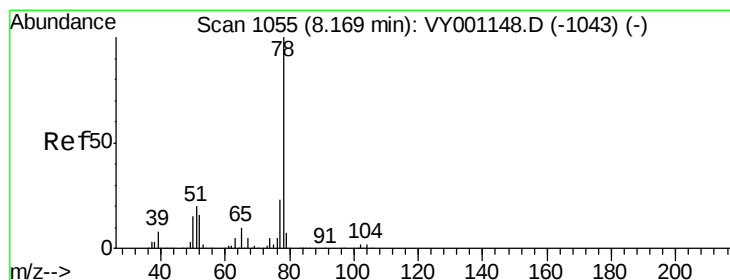
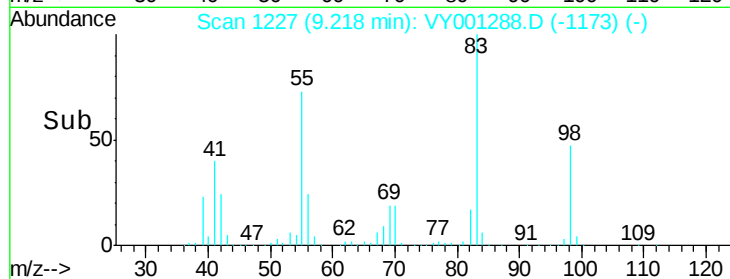
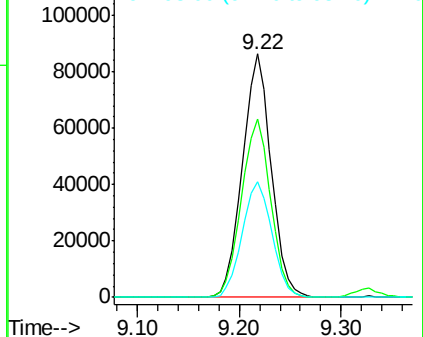
#39
Methylcyclohexane
Concen: 40.69 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 169224
Ion Ratio Lower Upper
83 100
55 73.1 58.9 88.3
98 47.4 38.4 57.6

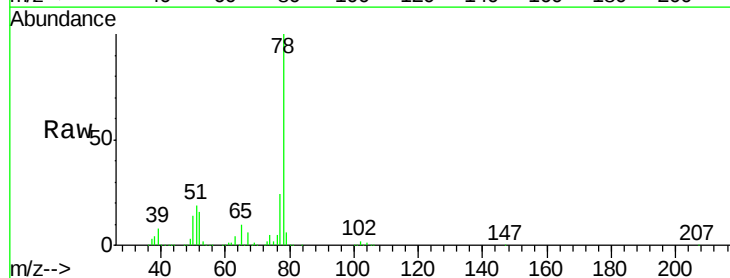


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

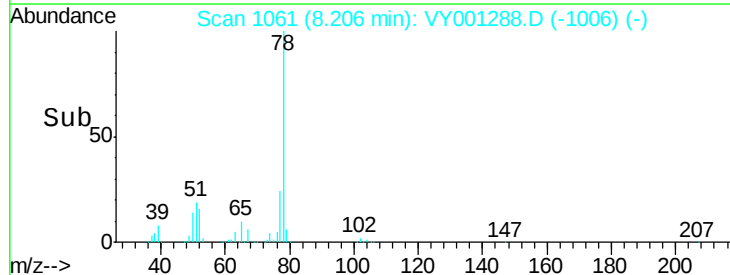
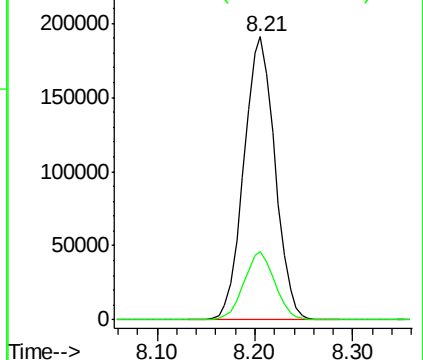


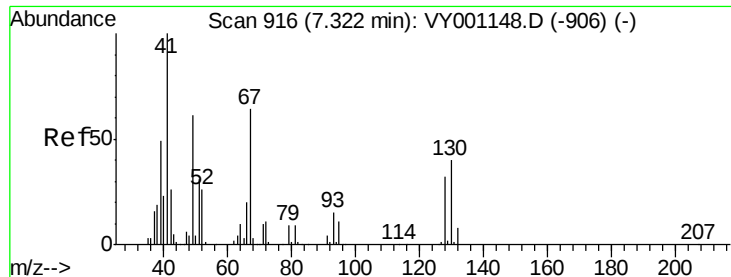
#40
Benzene
Concen: 46.89 ug/l
RT: 8.21 min Scan# 1061
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 78 Resp: 419965
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



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

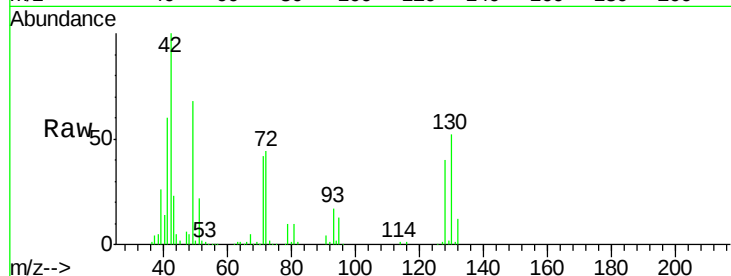




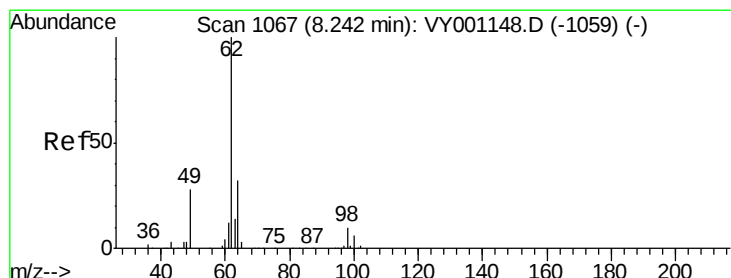
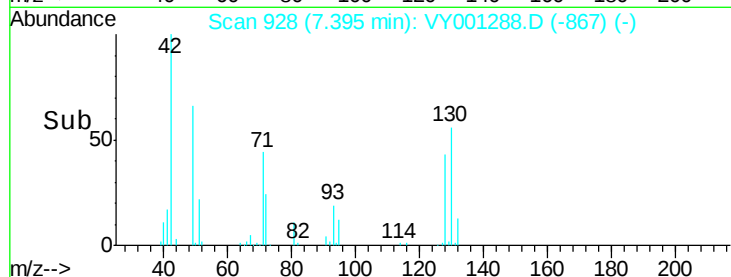
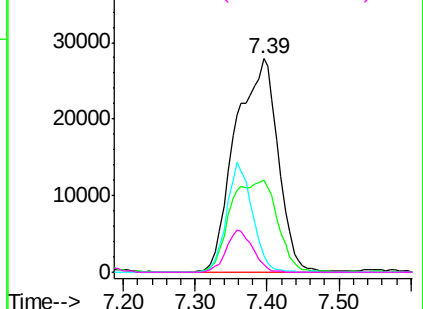
#41
Methacrylonitrile
Concen: 135.97 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.07 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 114997
Ion Ratio Lower Upper
41 100
39 47.2 103.5 155.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

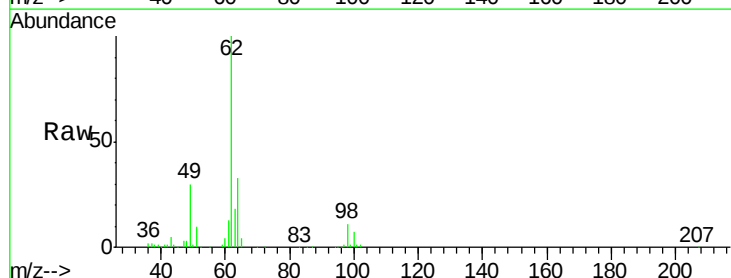


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

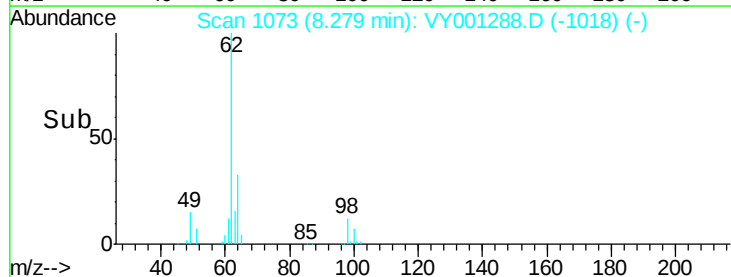
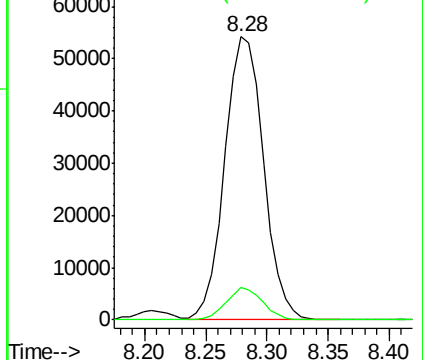


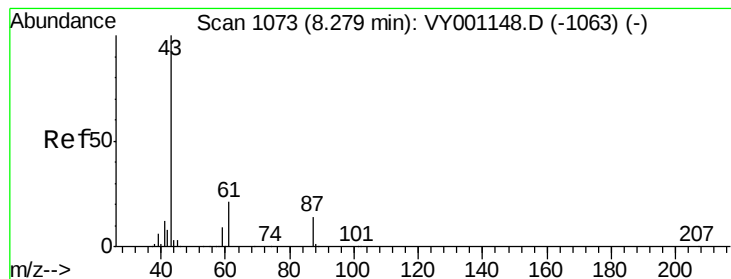
#42
1,2-Dichloroethane
Concen: 47.65 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.04 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 62 Resp: 119501
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 48.86 ug/l

RT: 8.32 min Scan# 1079

Delta R.T. 0.04 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

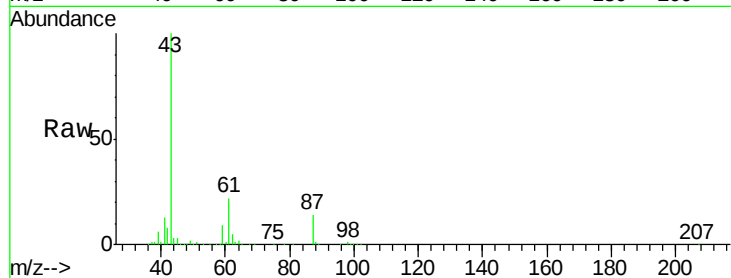
Tgt Ion: 43 Resp: 168220

Ion Ratio Lower Upper

43 100

61 29.0 23.9 35.9

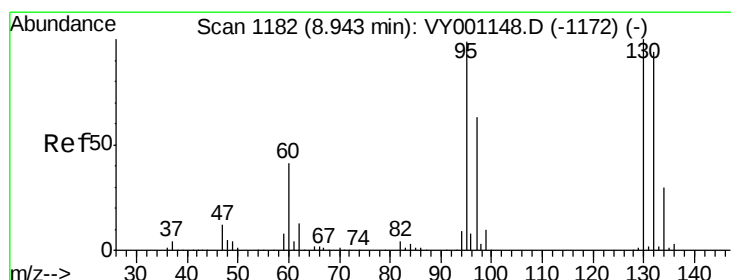
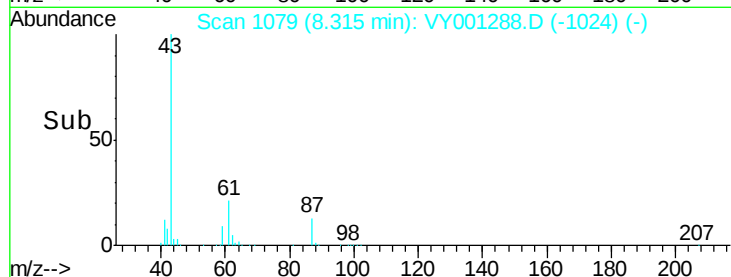
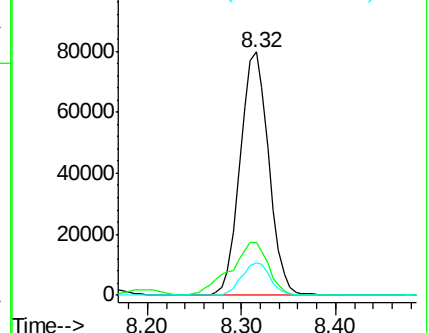
87 13.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VY001288.D (-1079) (-)

Ion 61.00 (60.70 to 61.70): VY001288.D (-1079) (-)

Ion 87.00 (86.70 to 87.70): VY001288.D (-1079) (-)



#44

Trichloroethene

Concen: 46.02 ug/l

RT: 8.97 min Scan# 1187

Delta R.T. 0.03 min

Lab File: VY001288.D

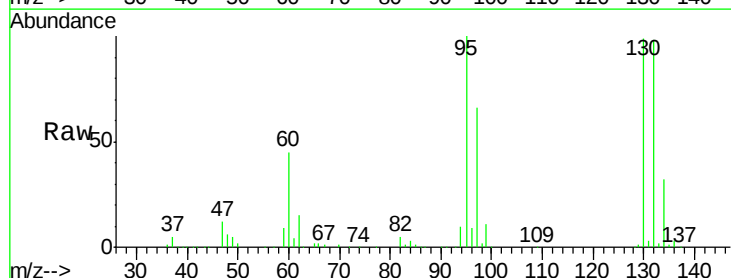
Acq: 17 Jan 2020 23:50

Tgt Ion: 130 Resp: 107401

Ion Ratio Lower Upper

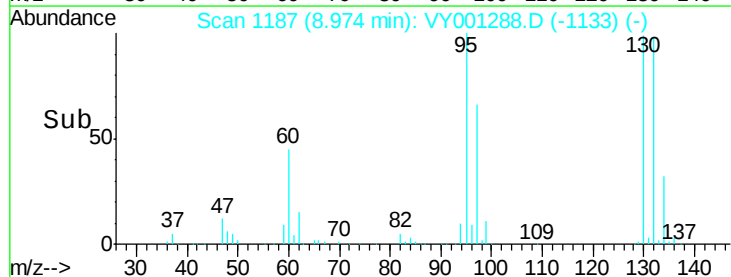
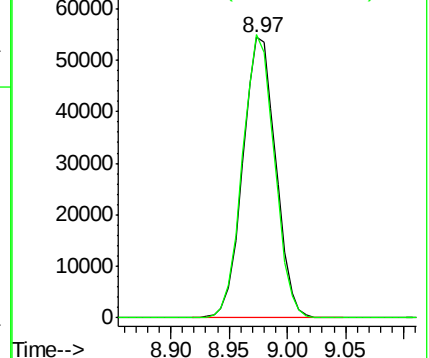
130 100

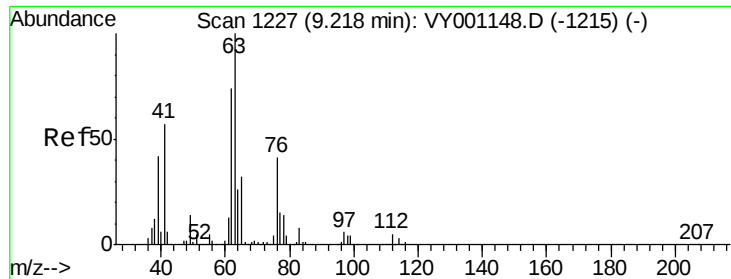
95 101.0 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001288.D (-1187) (-)

Ion 94.90 (94.60 to 95.60): VY001288.D (-1187) (-)

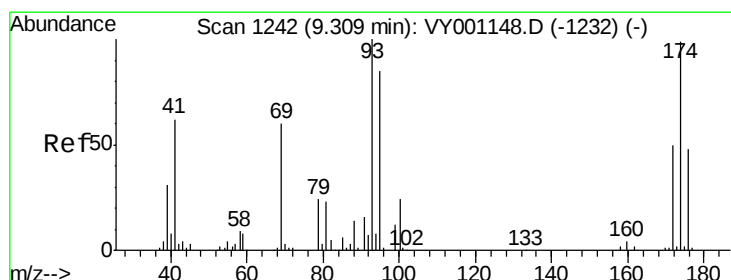
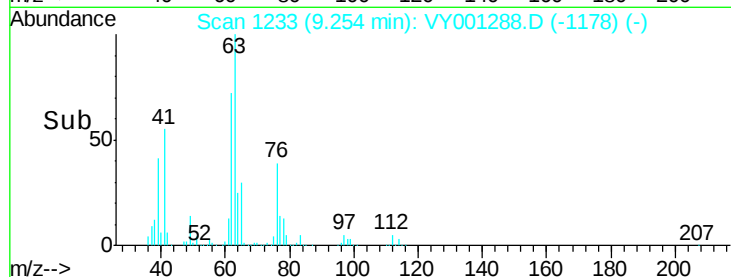
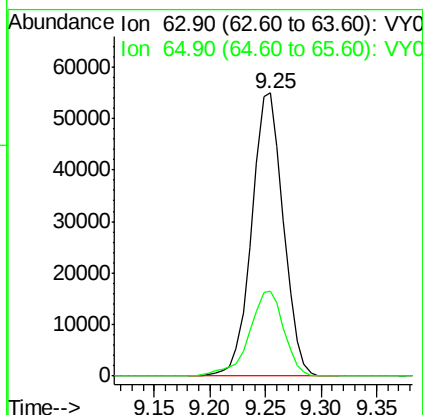
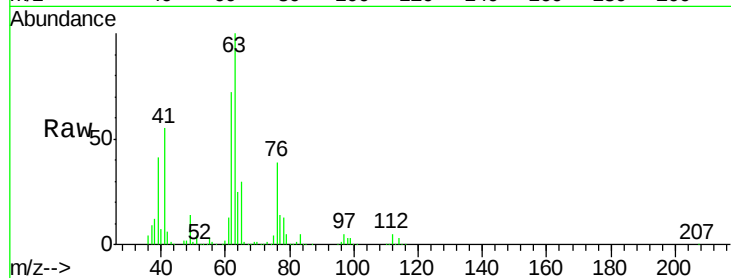




#45
 1,2-Dichloropropane
 Concen: 49.18 ug/l
 RT: 9.25 min Scan# 1233
 Delta R.T. 0.04 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

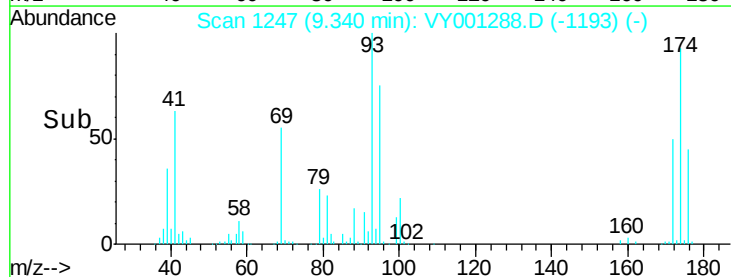
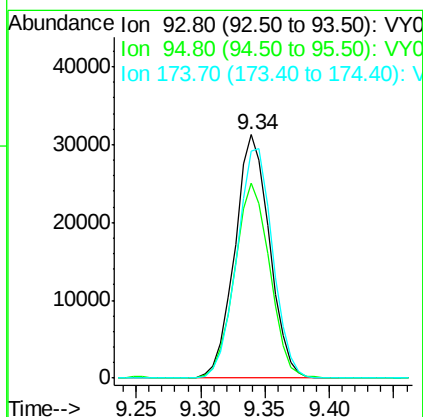
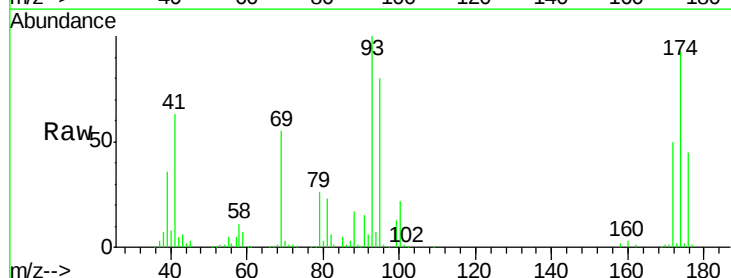
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

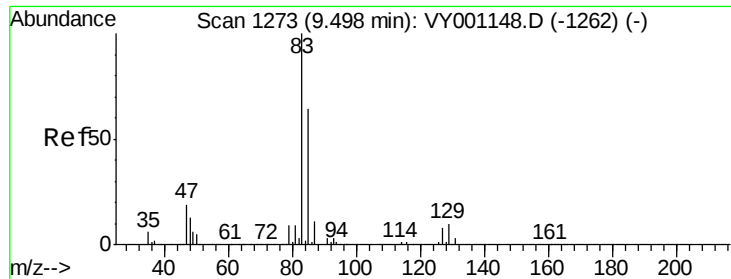
Tgt Ion: 63 Resp: 108877
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.8 38.8



#46
 Dibromomethane
 Concen: 48.45 ug/l
 RT: 9.34 min Scan# 1247
 Delta R.T. 0.03 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 93 Resp: 58524
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.8 100.2
 174 96.8 78.4 117.6

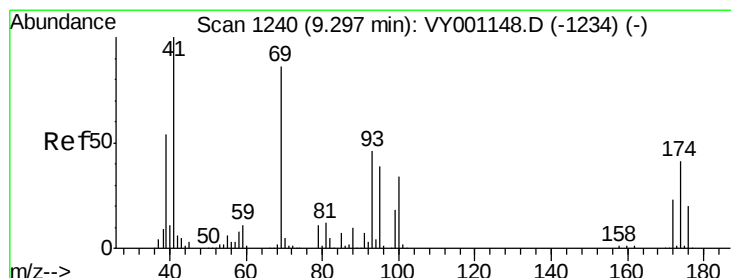
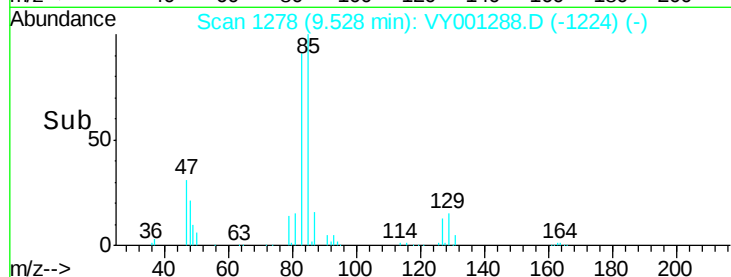
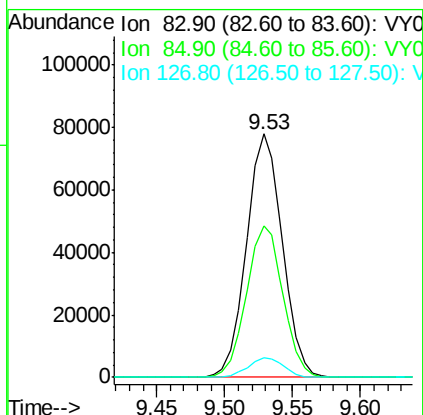
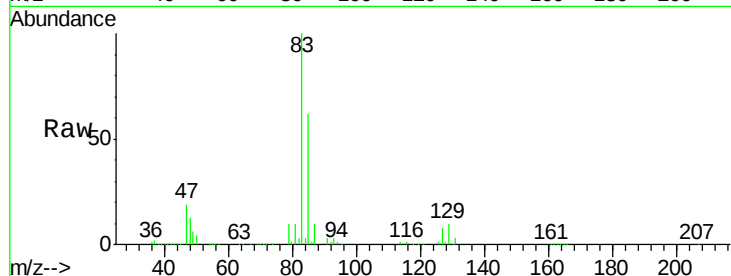




#47
Bromodichloromethane
Concen: 48.72 ug/l
RT: 9.53 min Scan# 1278
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

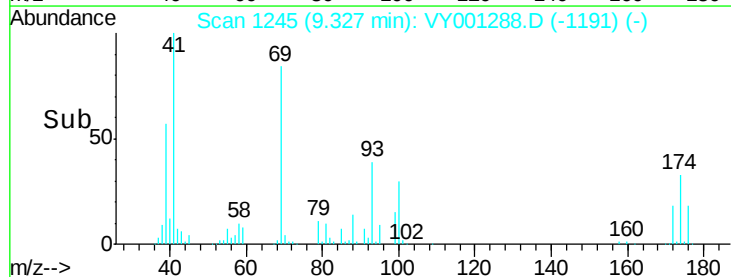
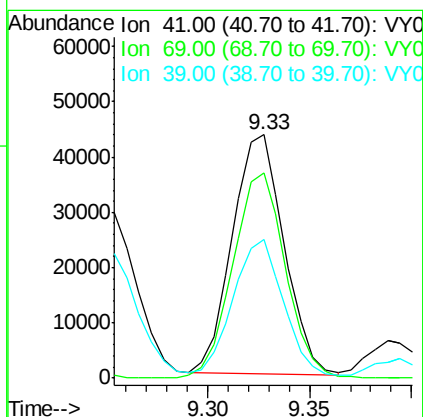
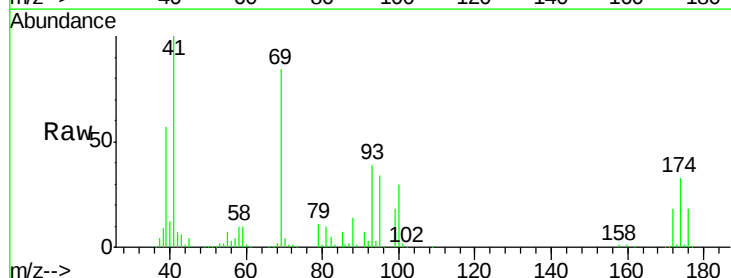
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

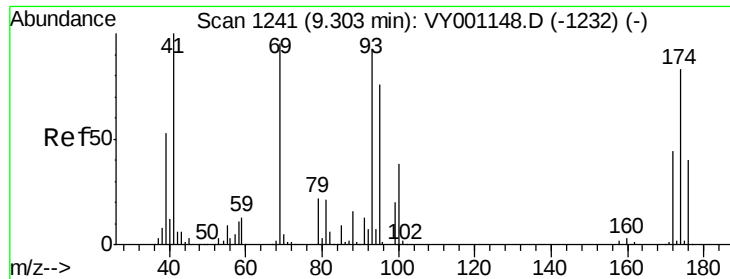
Tgt Ion: 83 Resp: 143423
Ion Ratio Lower Upper
83 100
85 62.2 51.5 77.3
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 47.66 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 41 Resp: 75930
Ion Ratio Lower Upper
41 100
69 87.5 69.8 104.8
39 57.4 45.2 67.8





#49

1,4-Dioxane

Concen: 1095.90 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.03 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

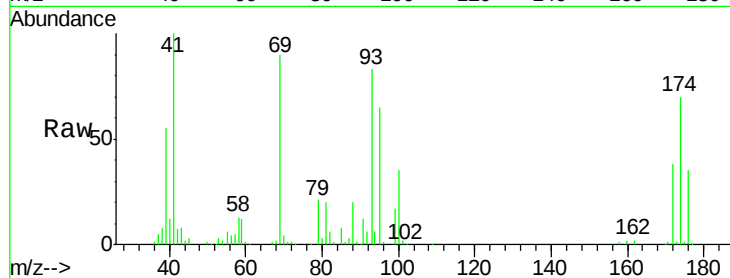
Tgt Ion: 88 Resp: 16122

Ion Ratio Lower Upper

88 100

43 33.0 22.4 33.6

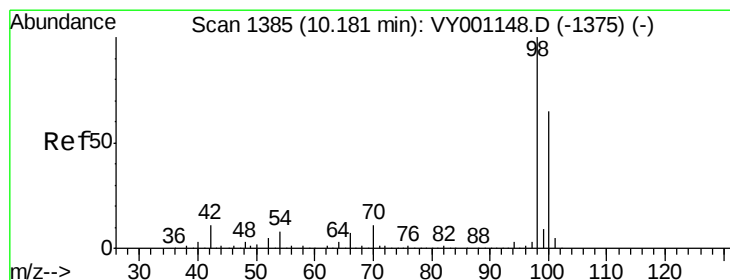
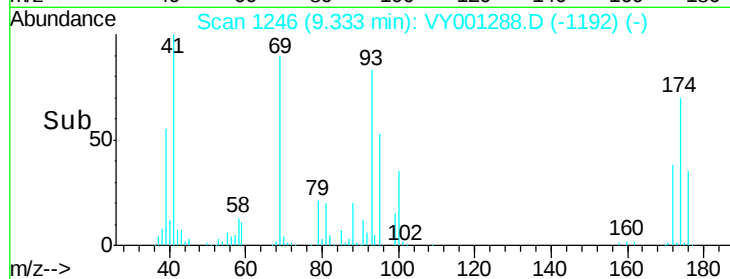
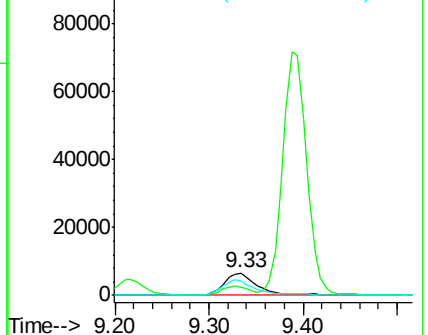
58 71.6 58.0 87.0



Abundance Ion 88.00 (87.70 to 88.70): VY001148.D (-1232) (-)

Ion 43.00 (42.70 to 43.70): VY001148.D (-1232) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-1232) (-)



#50

Toluene-d8

Concen: 47.91 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001288.D

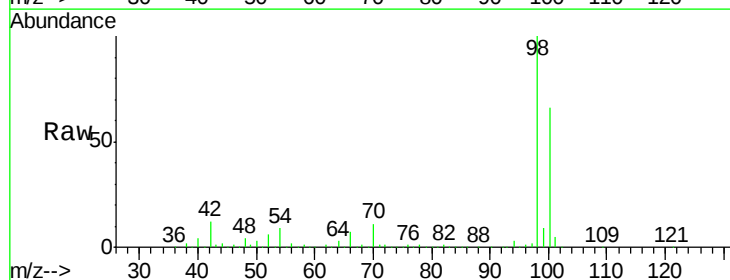
Acq: 17 Jan 2020 23:50

Tgt Ion: 98 Resp: 363812

Ion Ratio Lower Upper

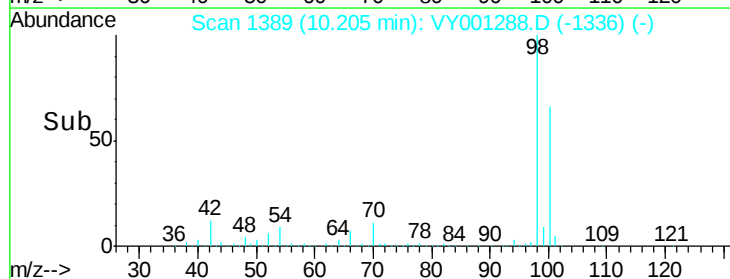
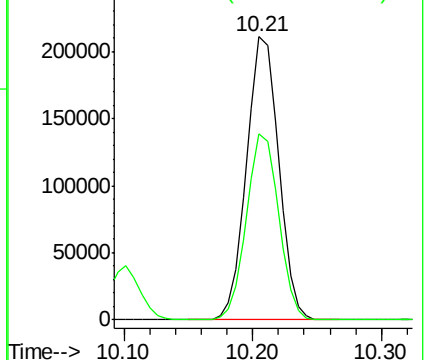
98 100

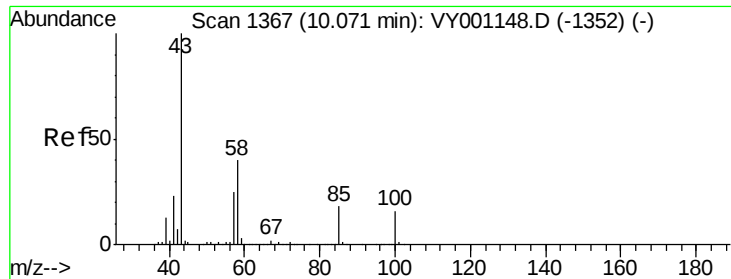
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)





#51

4-Methyl-2-Pentanone

Concen: 244.56 ug/l

RT: 10.10 min Scan# 1372

Delta R.T. 0.03 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

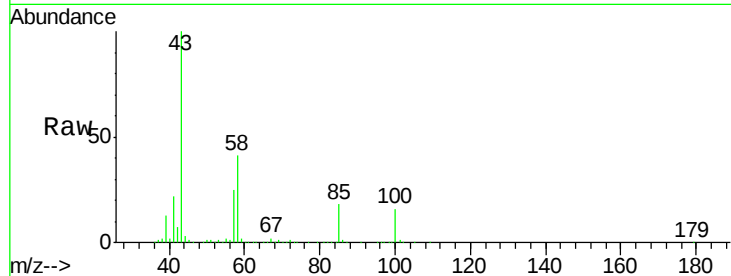
VSTDCCC050EC

Tgt Ion: 43 Resp: 427250

Ion Ratio Lower Upper

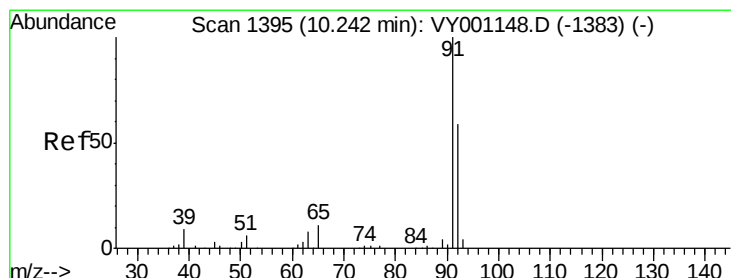
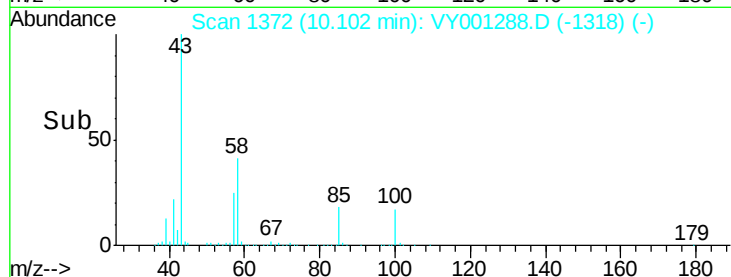
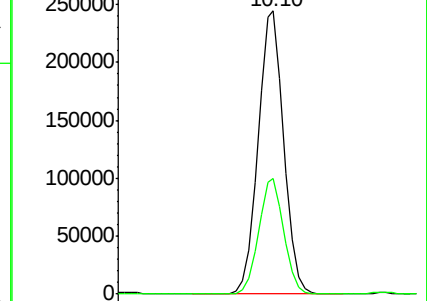
43 100

58 40.1 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-1352) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-1352) (-)



#52

Toluene

Concen: 46.66 ug/l

RT: 10.27 min Scan# 1400

Delta R.T. 0.03 min

Lab File: VY001288.D

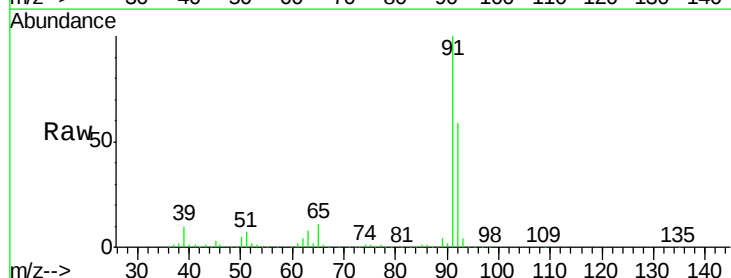
Acq: 17 Jan 2020 23:50

Tgt Ion: 92 Resp: 266539

Ion Ratio Lower Upper

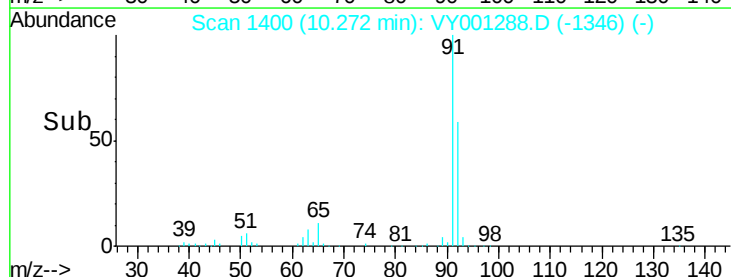
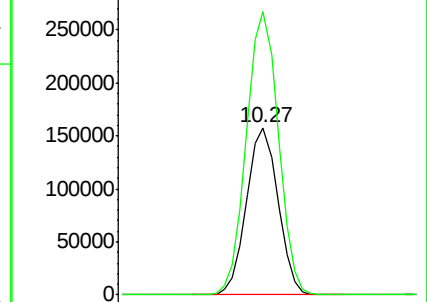
92 100

91 171.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001148.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY001148.D (-1383) (-)





#53

t-1,3-Dichloropropene

Concen: 46.80 ug/l

RT: 10.49 min Scan# 1436

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

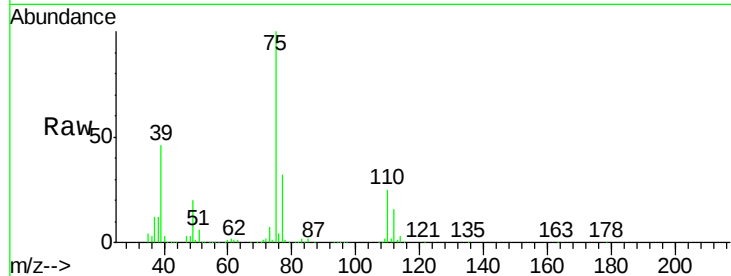
VSTDCCC050EC

Tgt Ion: 75 Resp: 154165

Ion Ratio Lower Upper

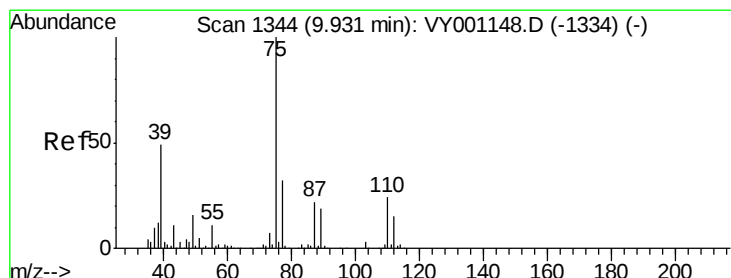
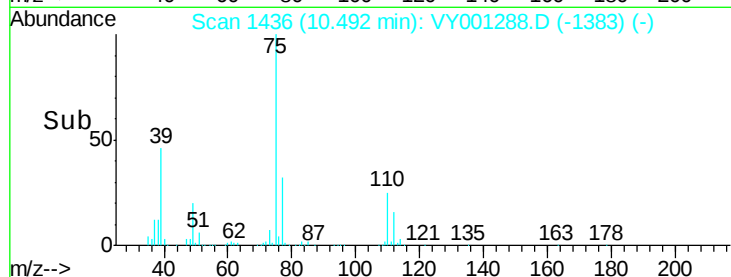
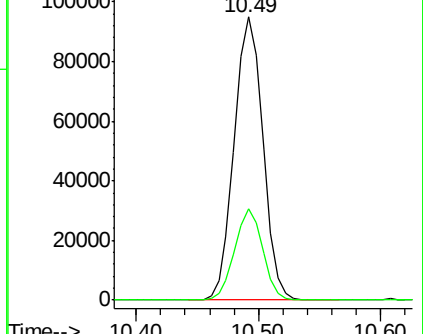
75 100

77 32.3 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 47.07 ug/l

RT: 9.96 min Scan# 1348

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

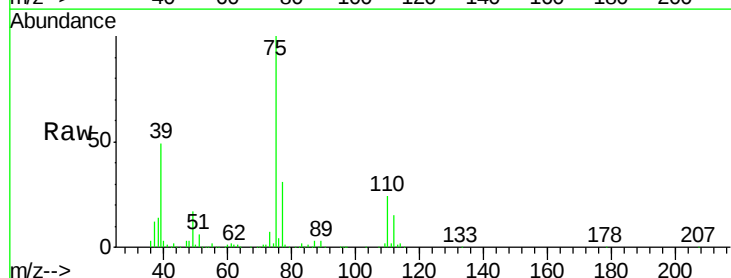
Tgt Ion: 75 Resp: 174824

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

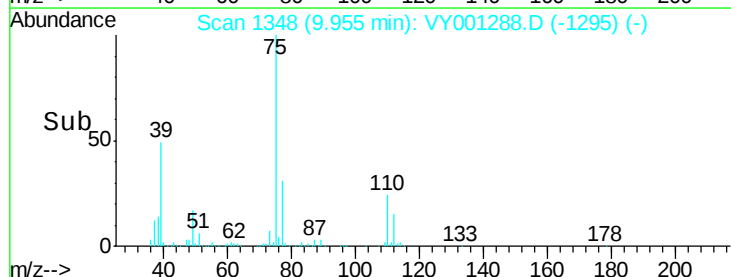
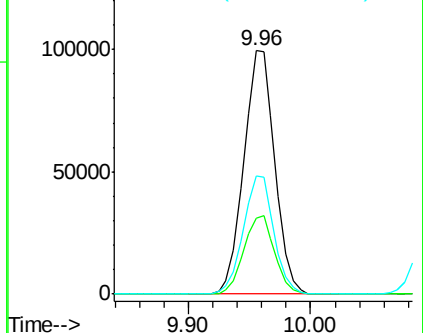
39 48.5 39.1 58.7

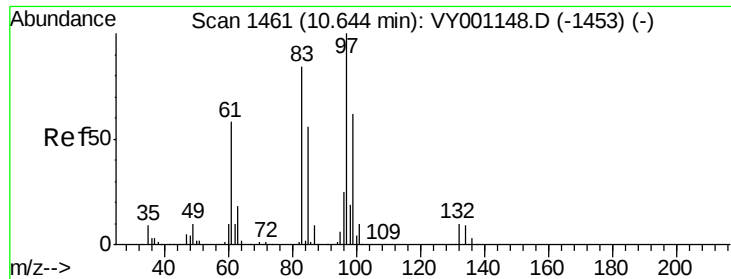


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

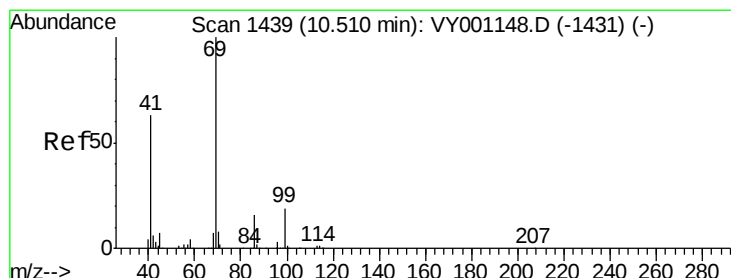
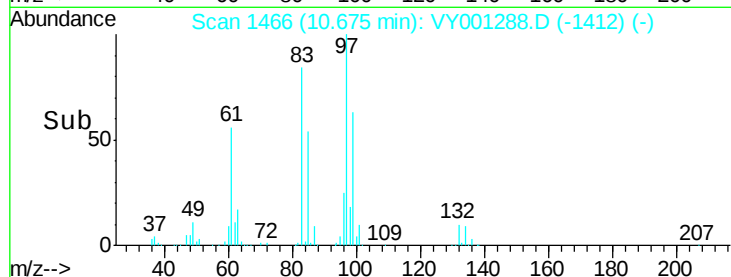
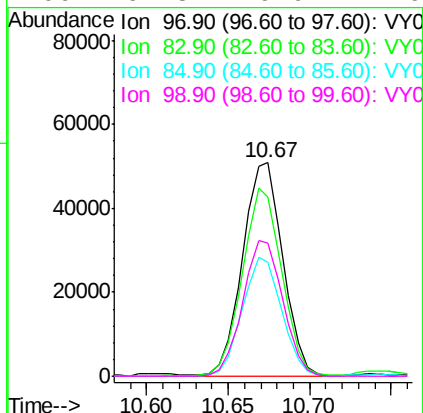
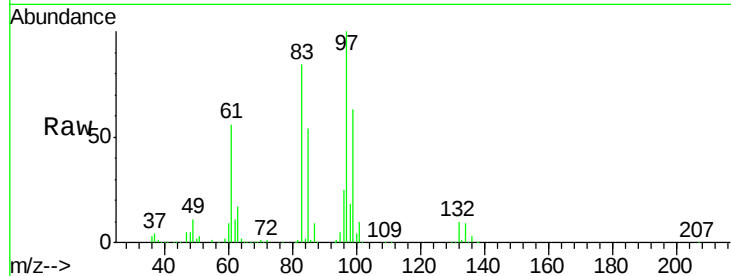




#55
 1,1,2-Trichloroethane
 Concen: 48.40 ug/l
 RT: 10.67 min Scan# 1466
 Delta R.T. 0.03 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

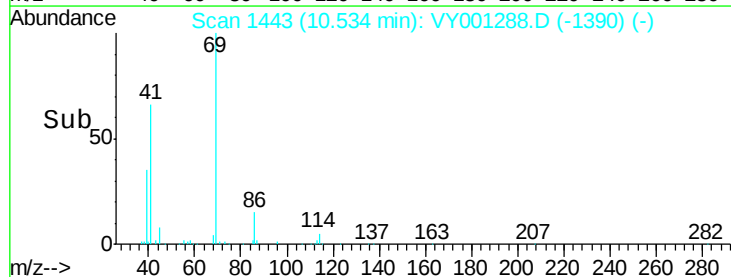
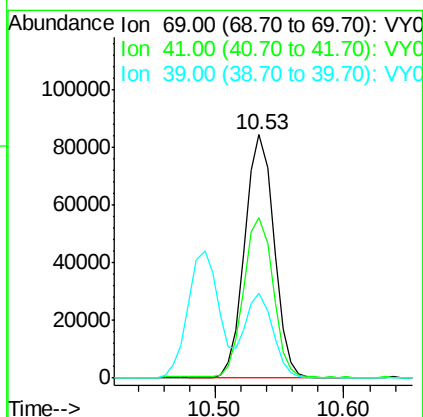
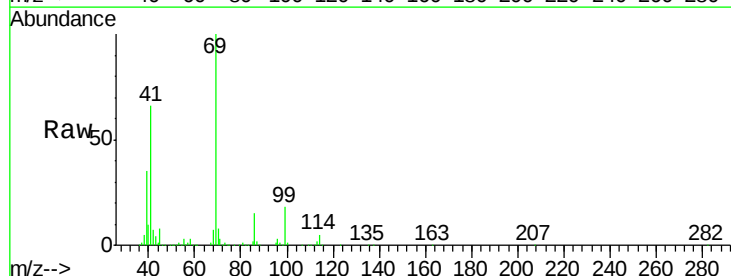
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 86673
 Ion Ratio Lower Upper
 97 100
 83 83.8 67.2 100.8
 85 53.7 44.9 67.3
 99 62.8 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 48.29 ug/l
 RT: 10.53 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 69 Resp: 132290
 Ion Ratio Lower Upper
 69 100
 41 66.3 51.4 77.2
 39 31.9 26.3 39.5

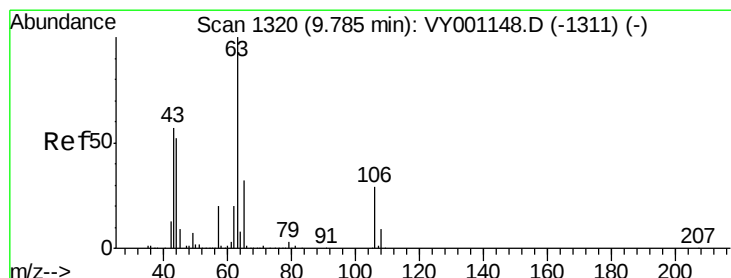
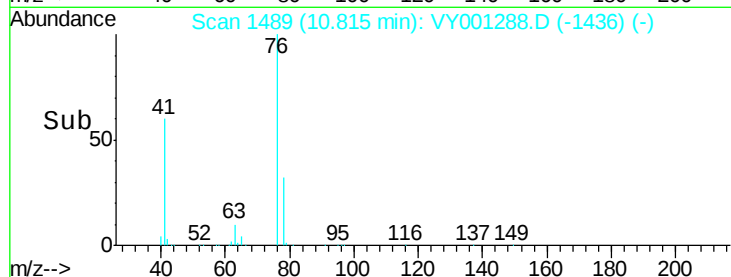
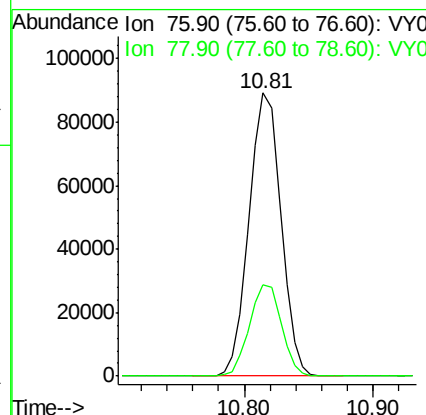
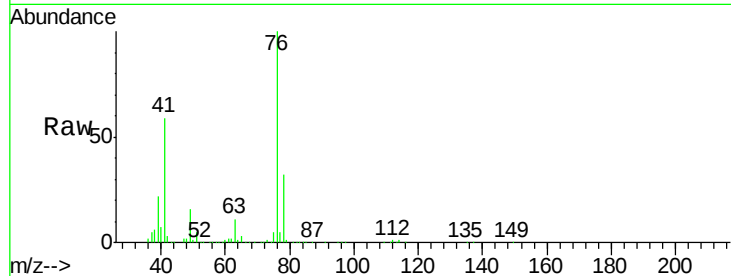




#57
 1,3-Dichloropropane
 Concen: 49.64 ug/l
 RT: 10.81 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

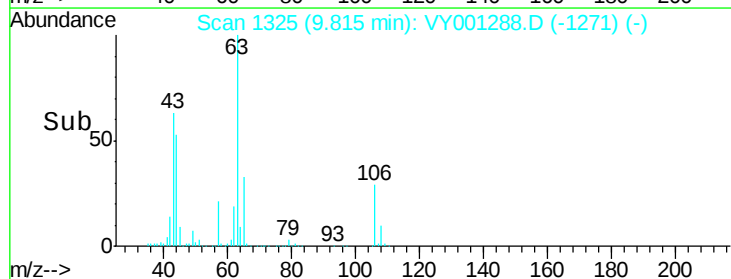
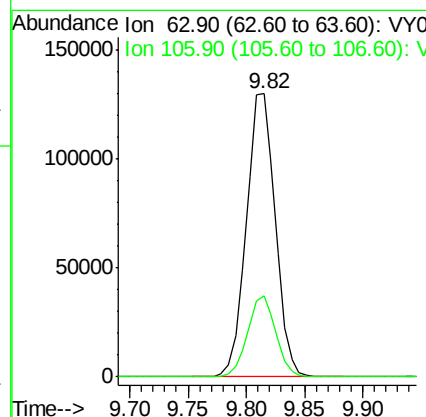
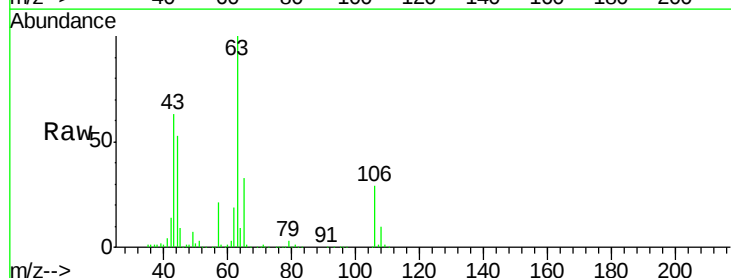
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 152620
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.42 ug/l
 RT: 9.82 min Scan# 1325
 Delta R.T. 0.03 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 63 Resp: 224893
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.0 34.6

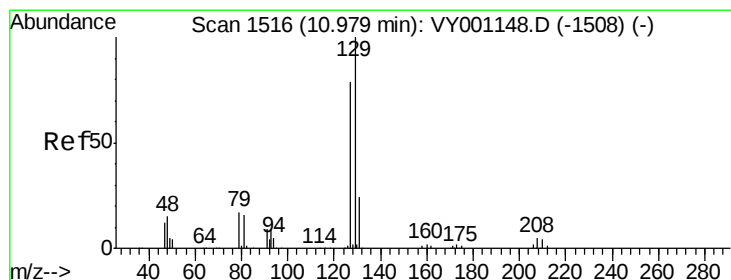
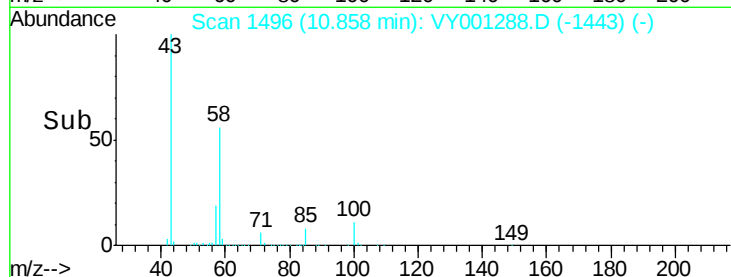
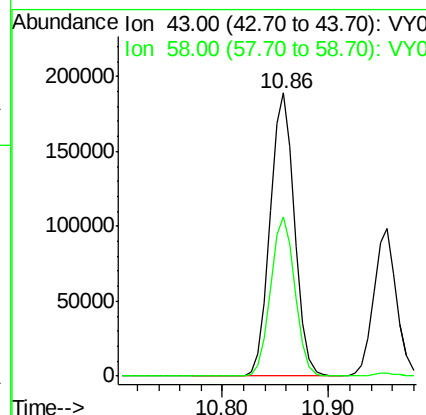
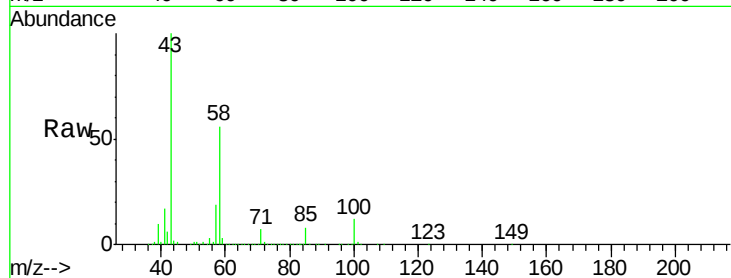




#59
2-Hexanone
Concen: 246.97 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

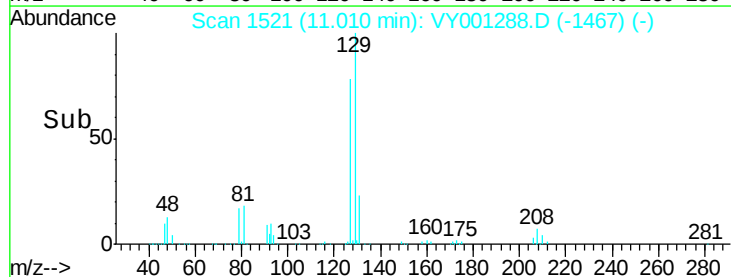
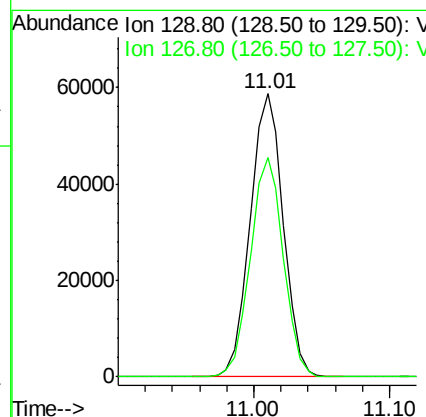
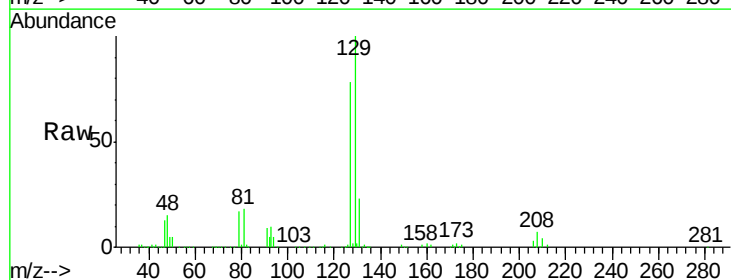
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 302381
Ion Ratio Lower Upper
43 100
58 56.2 28.4 85.2



#60
Dibromochloromethane
Concen: 48.49 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 129 Resp: 99982
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7

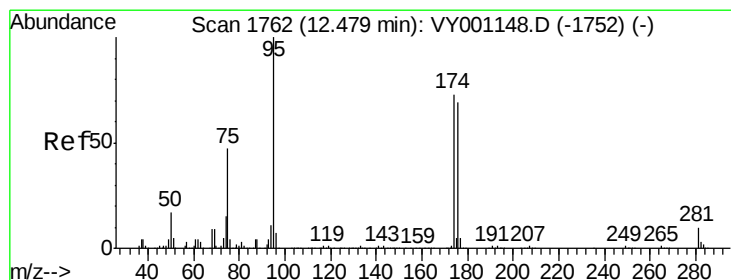
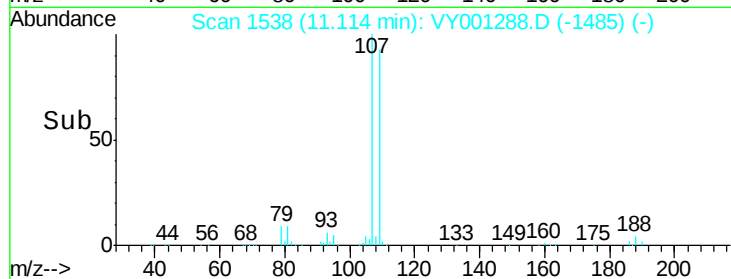
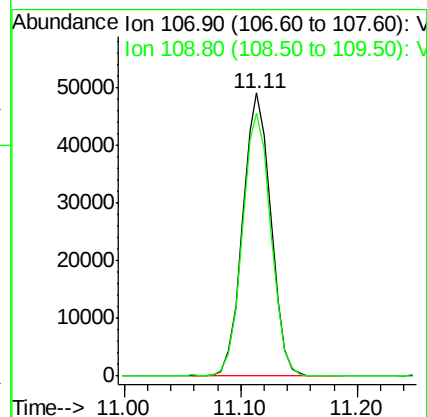
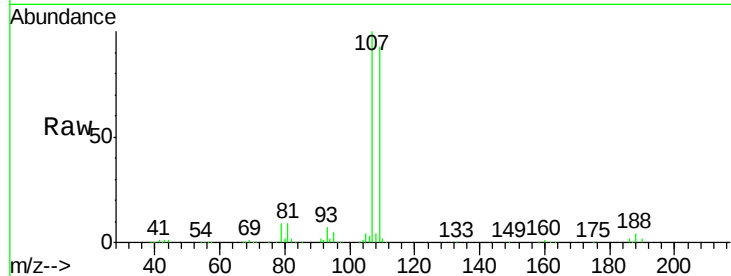




#61
 1,2-Dibromoethane
 Concen: 47.19 ug/l
 RT: 11.11 min Scan# 1538
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

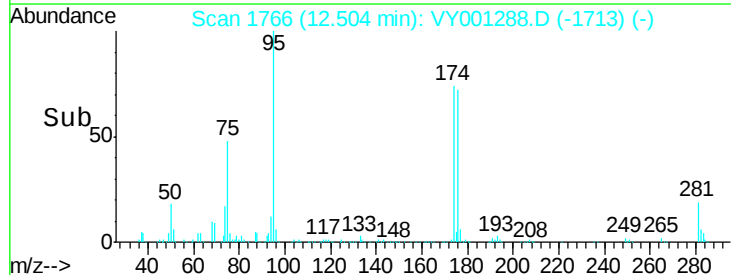
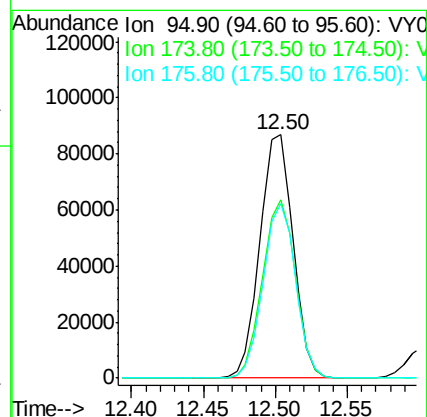
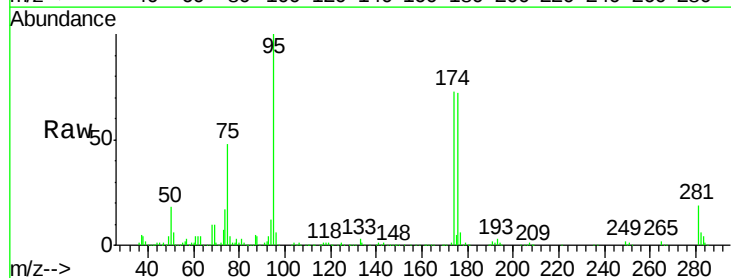
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

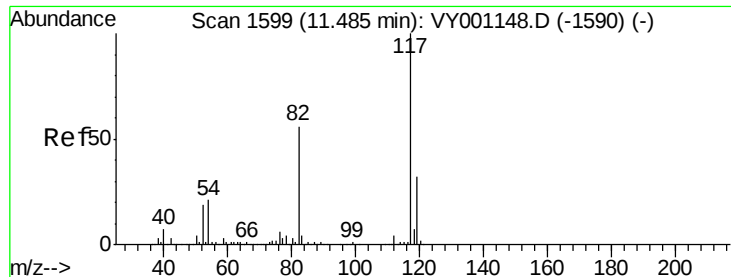
Tgt Ion: 107 Resp: 82526
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 44.33 ug/l
 RT: 12.50 min Scan# 1766
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 95 Resp: 137618
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 143.2
 176 70.6 0.0 136.0

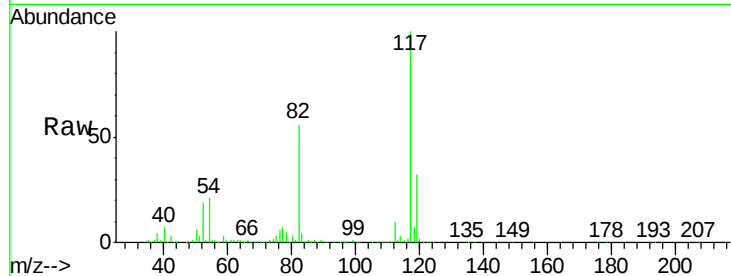




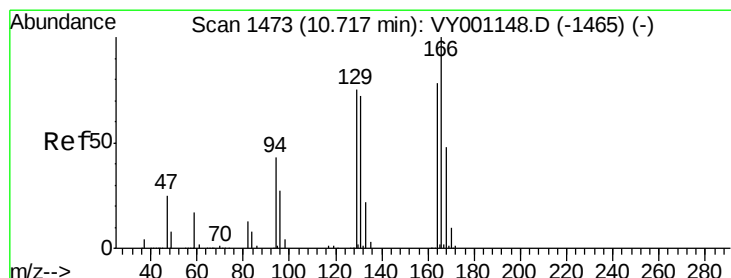
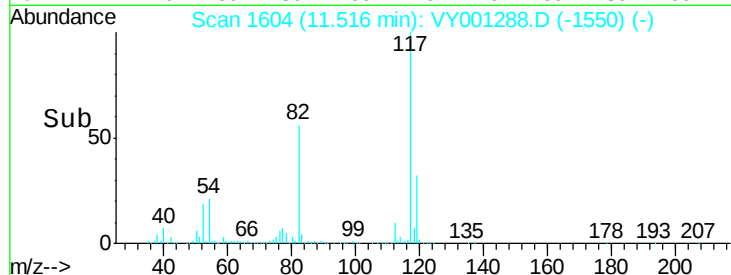
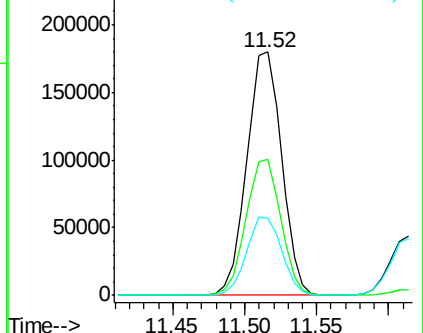
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 300322
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 31.9 25.7 38.5

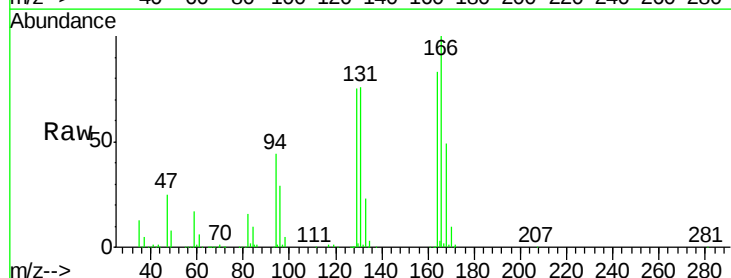


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

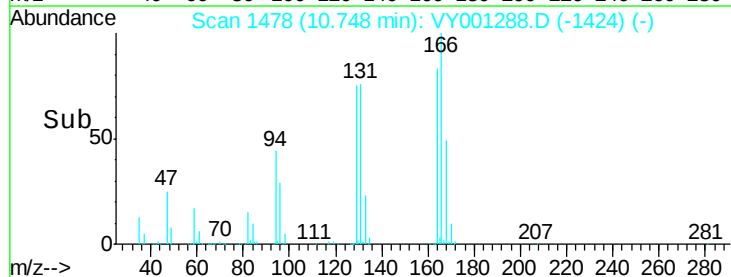
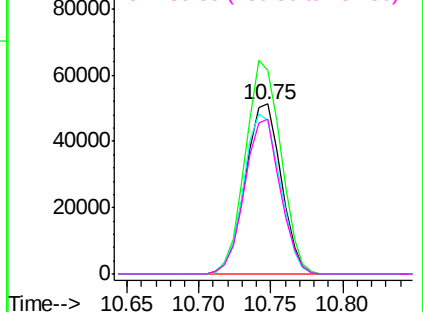


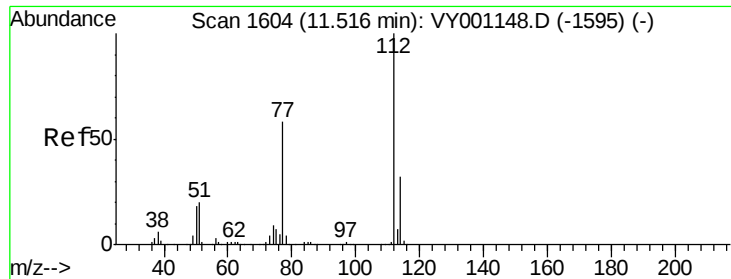
#64
Tetrachloroethene
Concen: 45.71 ug/l
RT: 10.75 min Scan# 1478
Delta R.T. 0.03 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion:164 Resp: 88484
Ion Ratio Lower Upper
164 100
166 120.0 102.3 153.5
129 90.1 76.2 114.4
131 91.5 73.9 110.9



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: 47.43 ug/l

RT: 11.54 min Scan# 1608

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

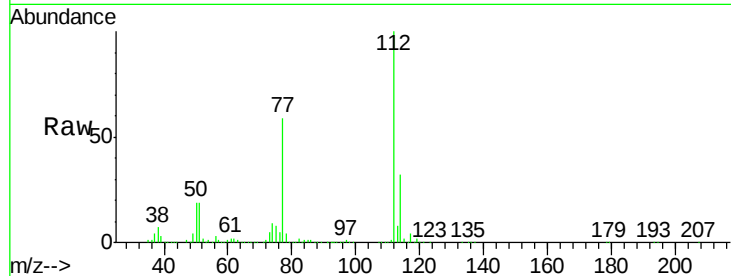
VSTDCCC050EC

Tgt Ion:112 Resp: 284617

Ion Ratio Lower Upper

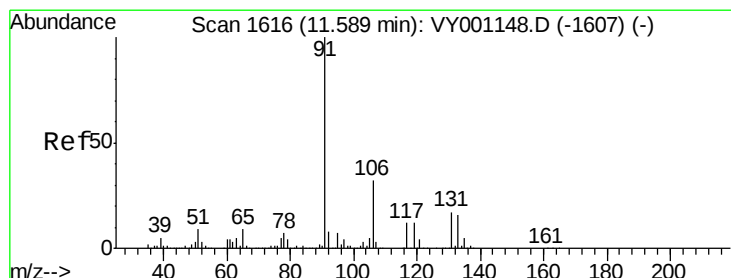
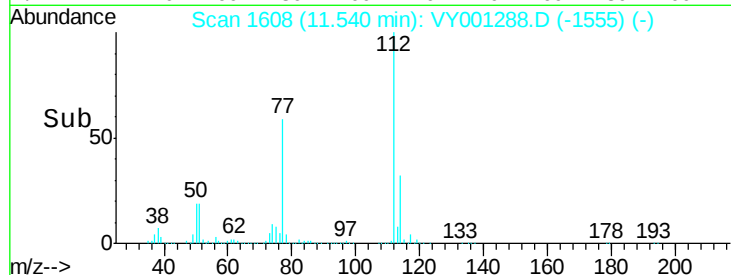
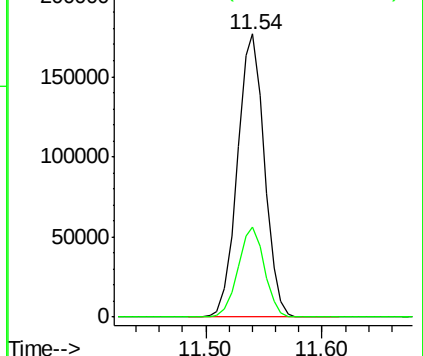
112 100

114 31.6 25.9 38.9



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: 49.70 ug/l

RT: 11.61 min Scan# 1620

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

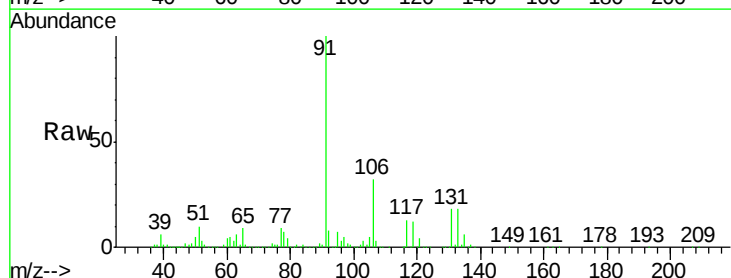
Tgt Ion:131 Resp: 102792

Ion Ratio Lower Upper

131 100

133 94.0 47.3 142.0

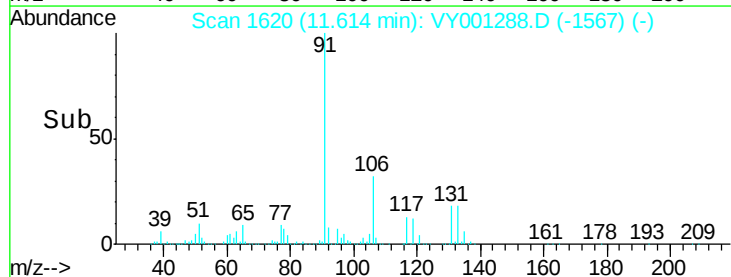
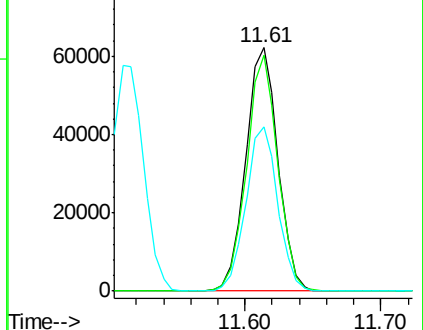
119 67.0 33.6 100.8

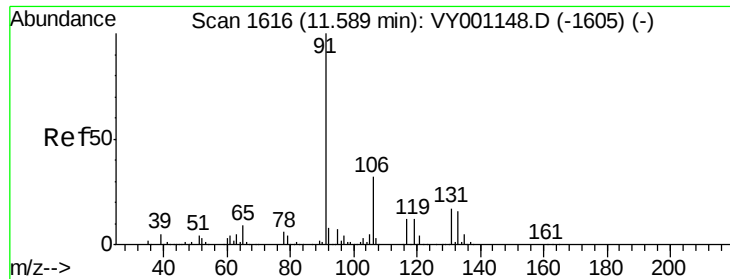


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

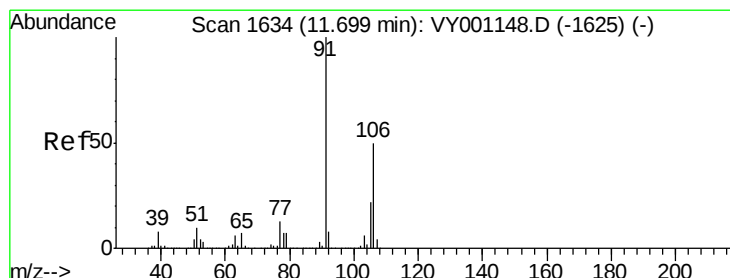
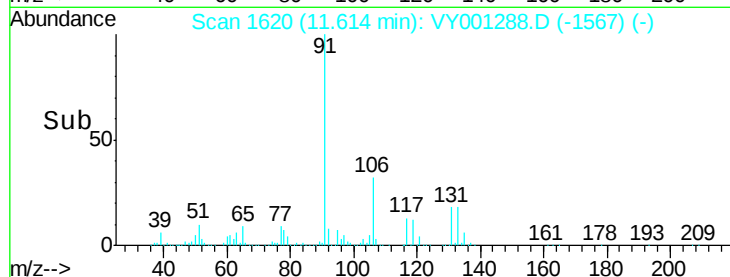
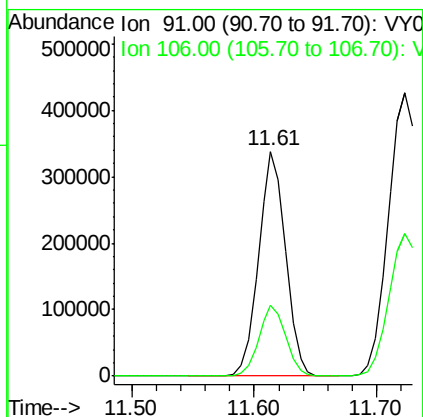
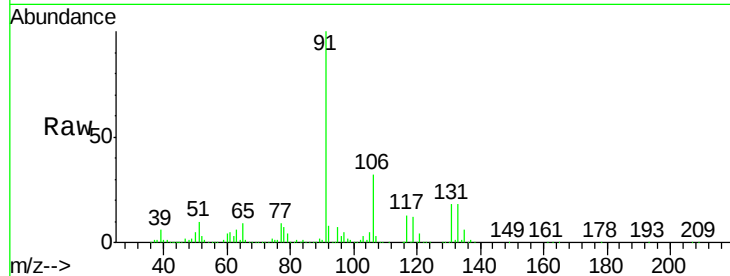




#67
Ethyl Benzene
Concen: 47.20 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

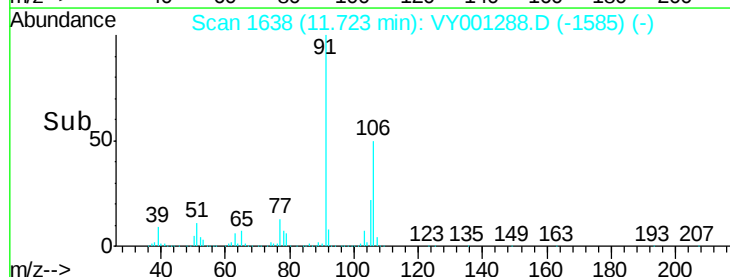
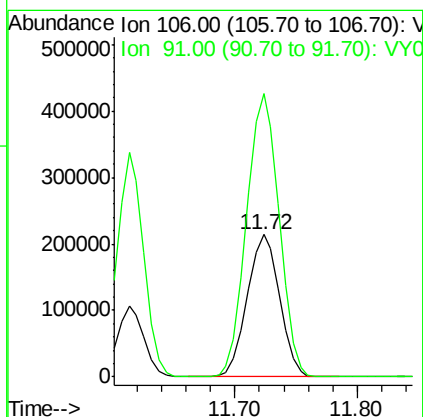
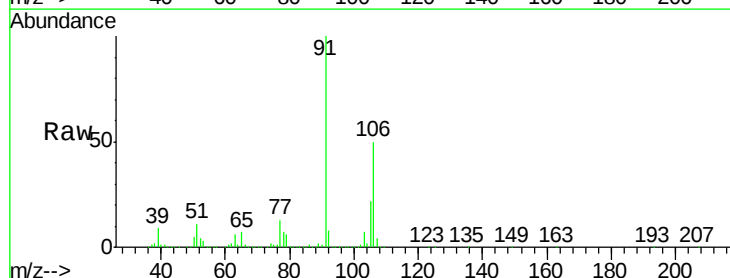
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

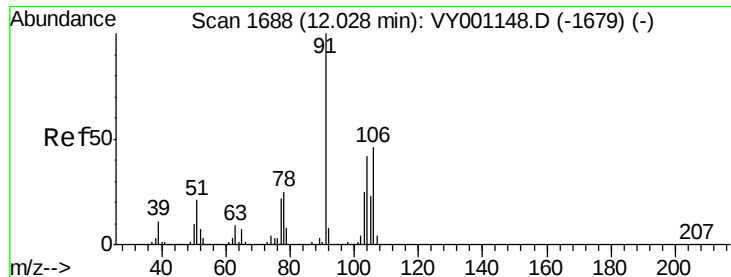
Tgt Ion: 91 Resp: 518175
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 95.47 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 106 Resp: 395365
Ion Ratio Lower Upper
106 100
91 199.4 161.4 242.2

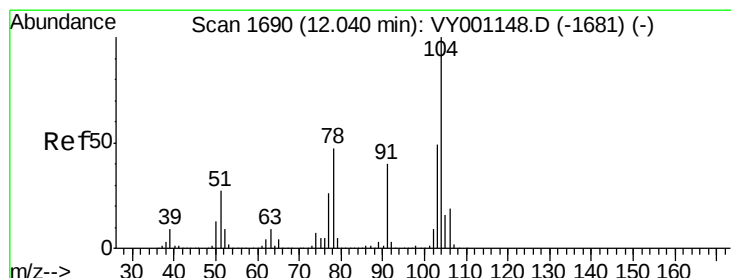
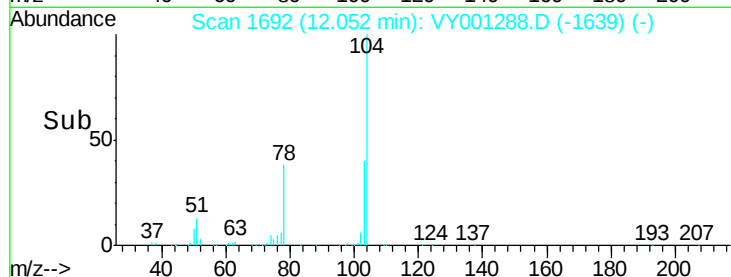
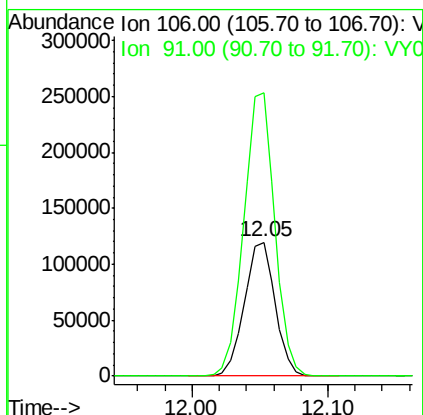
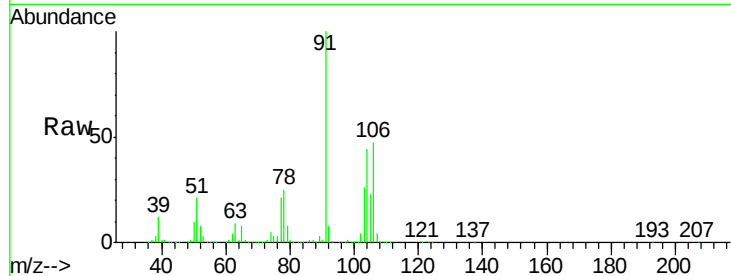




#69
o-Xylene
Concen: 47.63 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

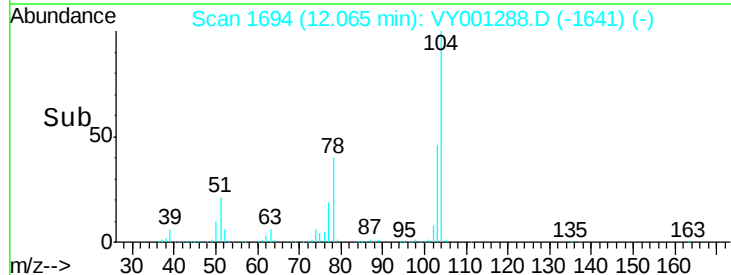
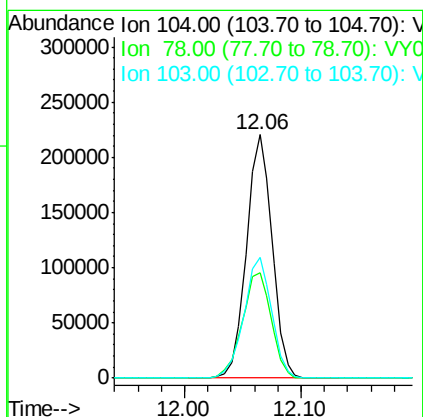
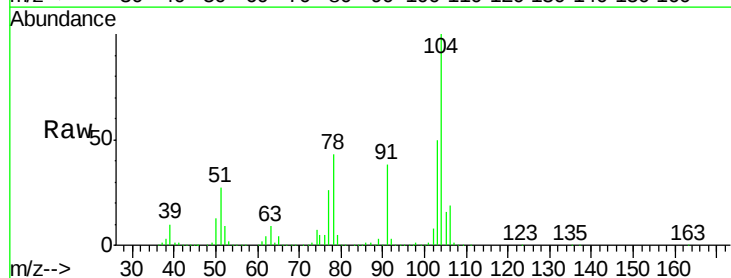
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

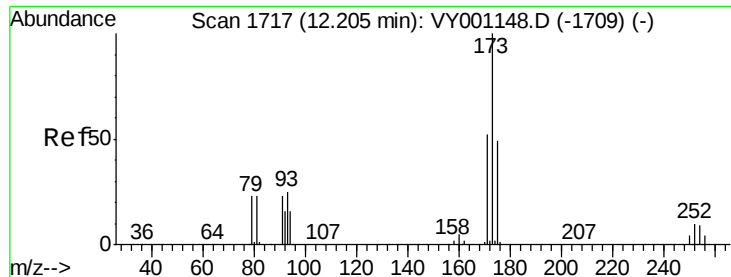
Tgt Ion:106 Resp: 189121
Ion Ratio Lower Upper
106 100
91 212.4 106.3 318.8



#70
Styrene
Concen: 48.69 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion:104 Resp: 339179
Ion Ratio Lower Upper
104 100
78 49.0 40.5 60.7
103 53.3 42.4 63.6





#71

Bromoform

Concen: 46.03 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

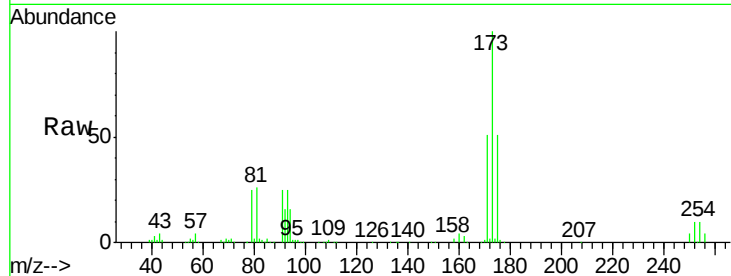
Tgt Ion:173 Resp: 58710

Ion Ratio Lower Upper

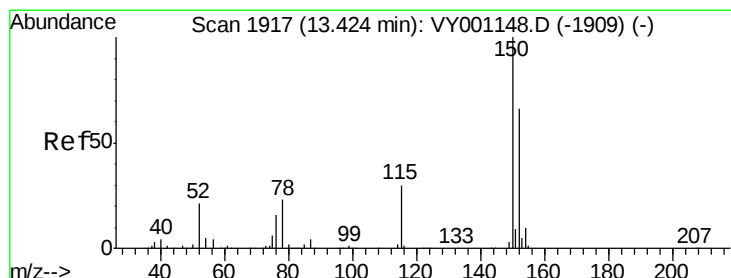
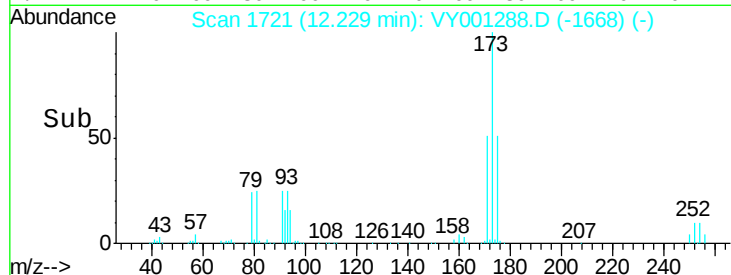
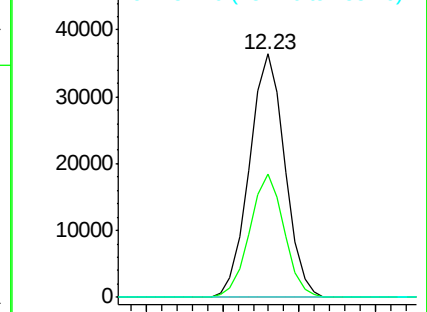
173 100

175 49.3 24.1 72.2

254 0.0 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: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

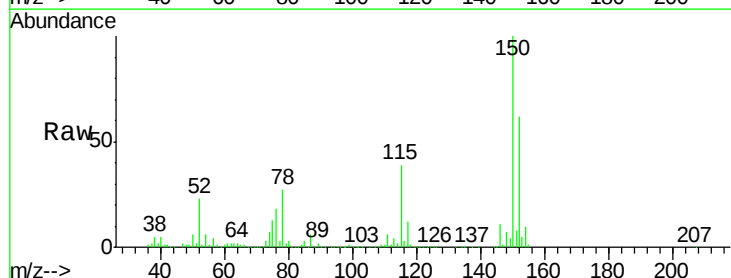
Tgt Ion:152 Resp: 143762

Ion Ratio Lower Upper

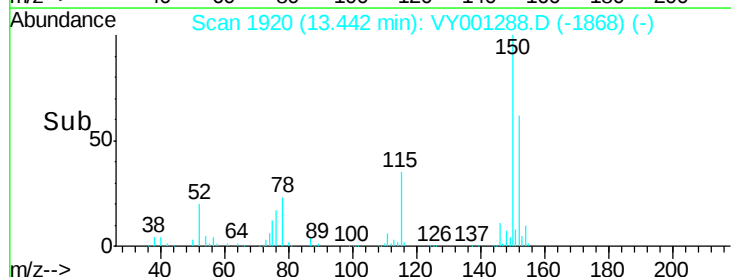
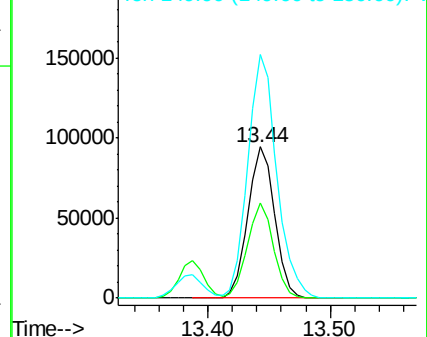
152 100

115 61.0 30.9 92.5

150 173.9 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: 46.66 ug/l

RT: 12.35 min Scan# 1741

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

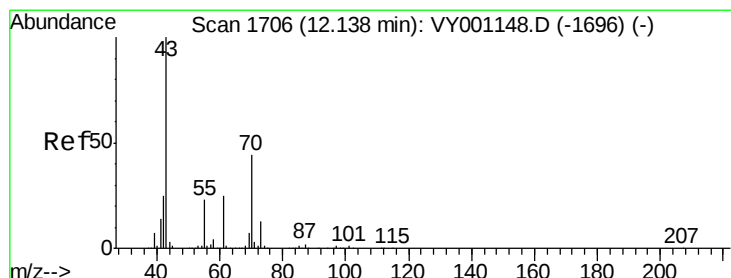
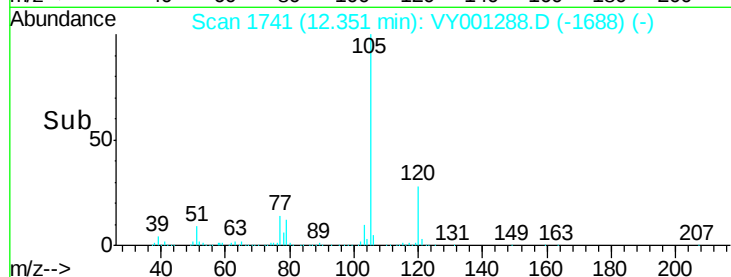
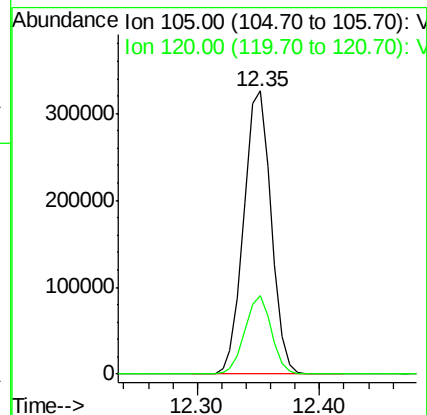
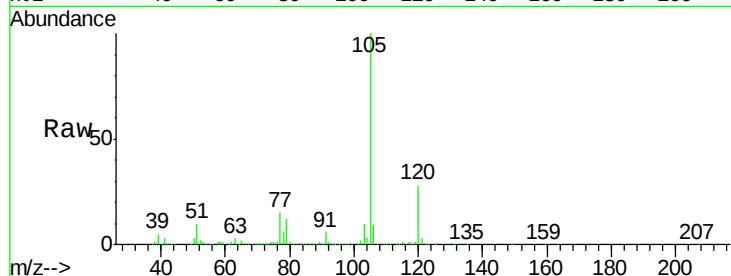
VSTDCCC050EC

Tgt Ion: 105 Resp: 504275

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 52.62 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Tgt Ion: 43 Resp: 177469

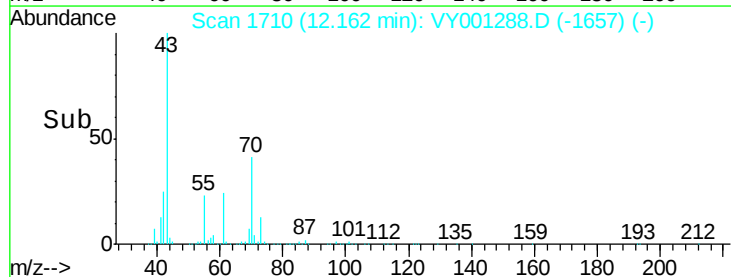
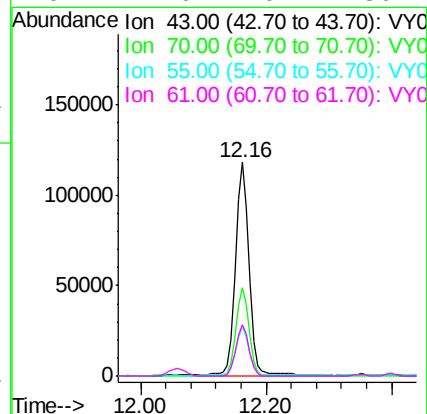
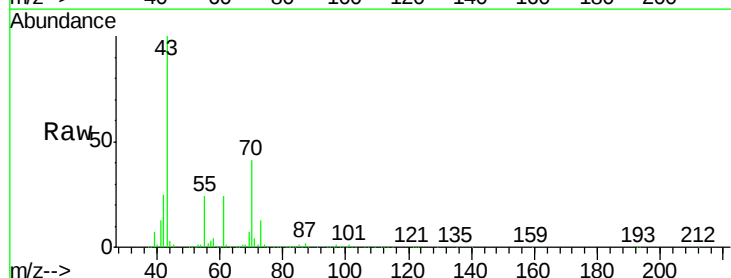
Ion Ratio Lower Upper

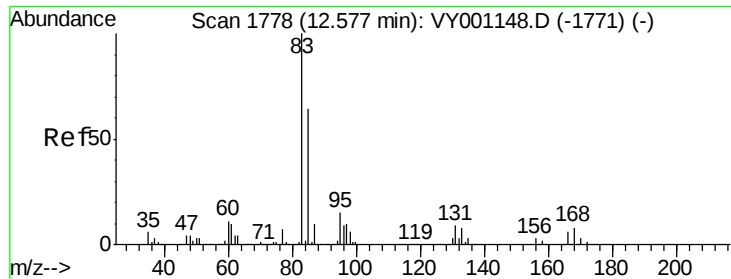
43 100

70 39.9 35.0 52.6

55 22.1 18.4 27.6

61 22.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.11 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

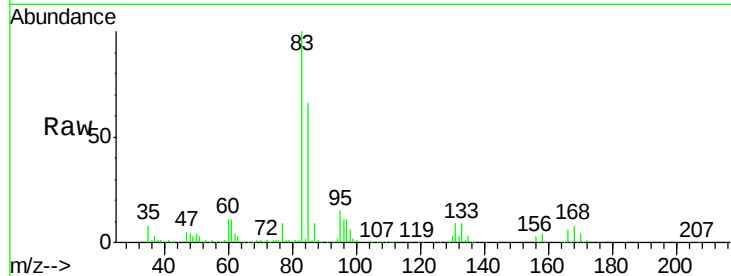
Tgt Ion: 83 Resp: 109393

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

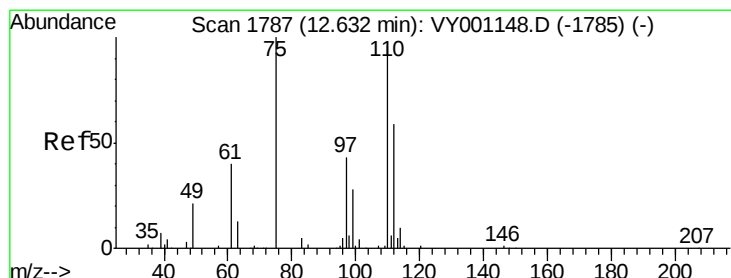
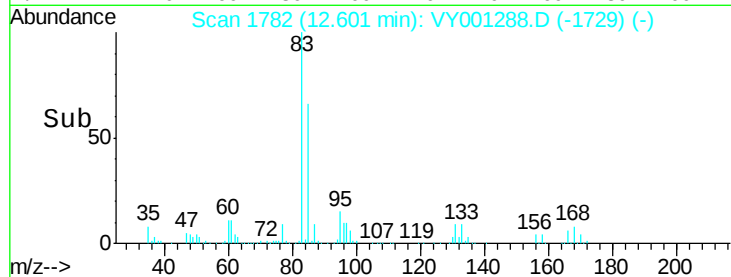
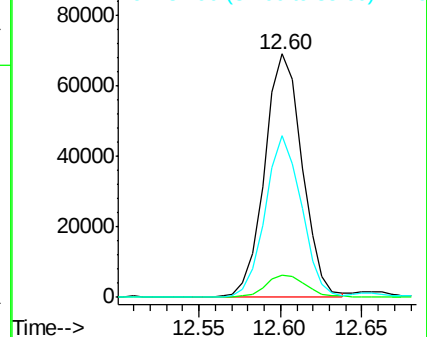
85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 91.78 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.02 min

Lab File: VY001288.D

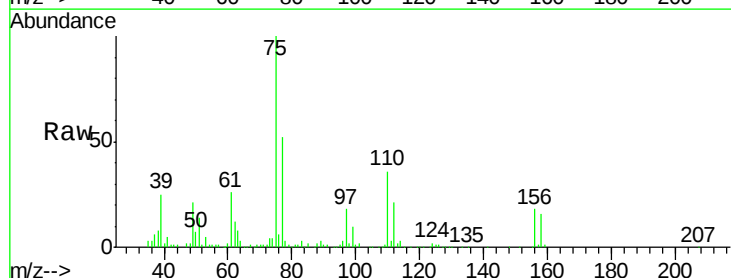
Acq: 17 Jan 2020 23:50

Tgt Ion: 75 Resp: 141249

Ion Ratio Lower Upper

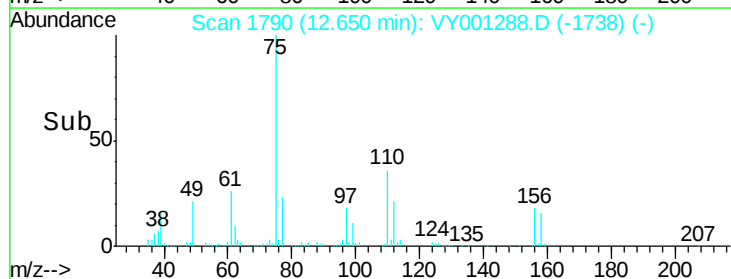
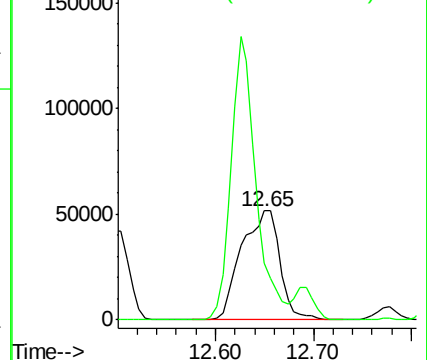
75 100

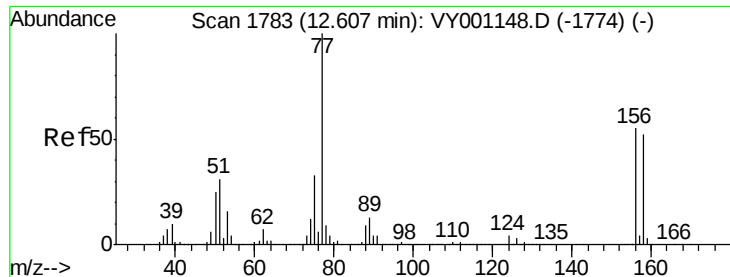
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.25 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

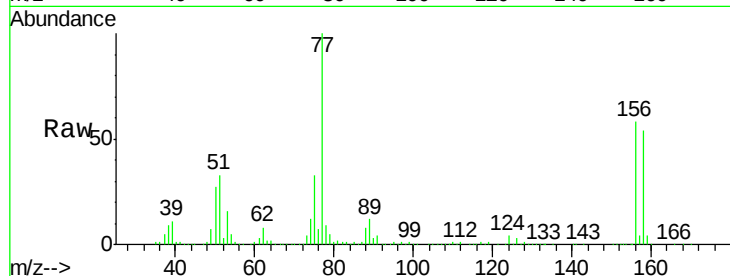
Tgt Ion:156 Resp: 115237

Ion Ratio Lower Upper

156 100

77 204.8 106.7 320.1

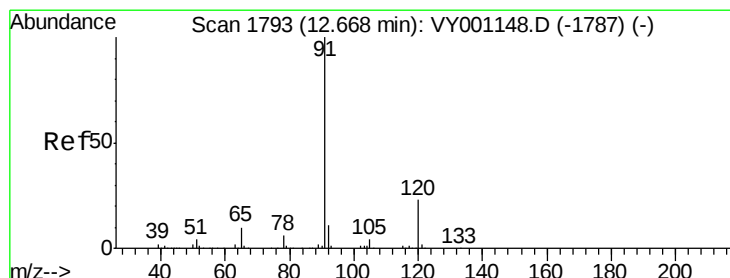
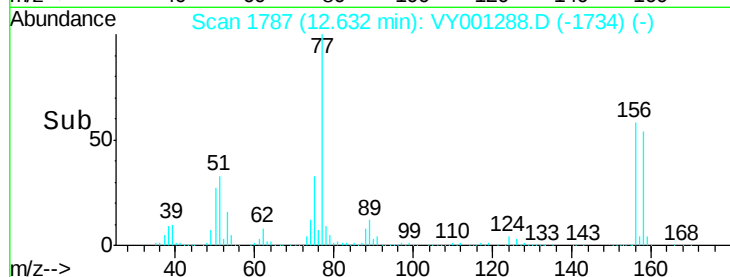
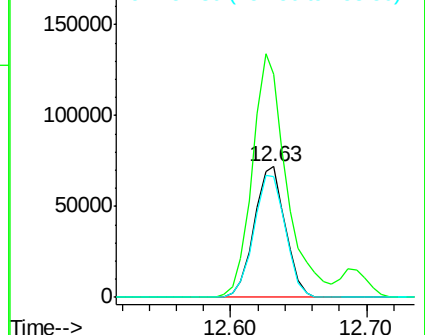
158 95.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.06 ug/l

RT: 12.69 min Scan# 1797

Delta R.T. 0.02 min

Lab File: VY001288.D

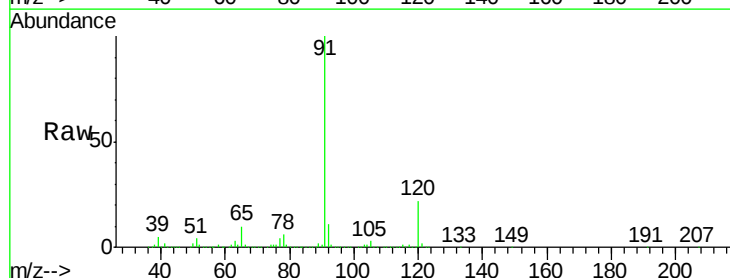
Acq: 17 Jan 2020 23:50

Tgt Ion: 91 Resp: 611804

Ion Ratio Lower Upper

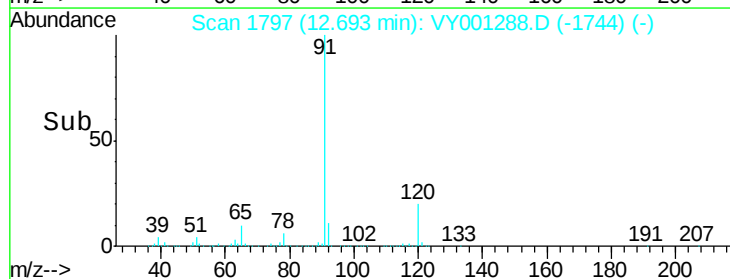
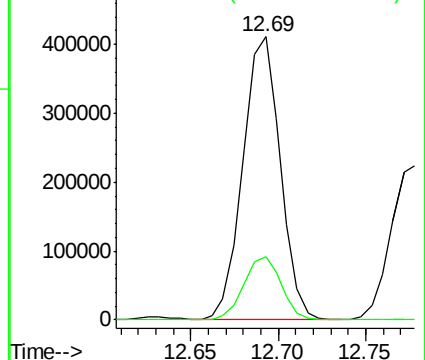
91 100

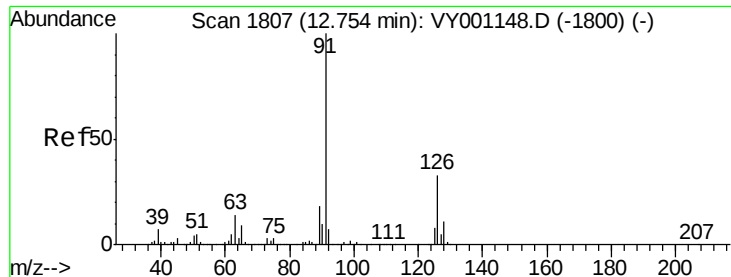
120 22.3 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

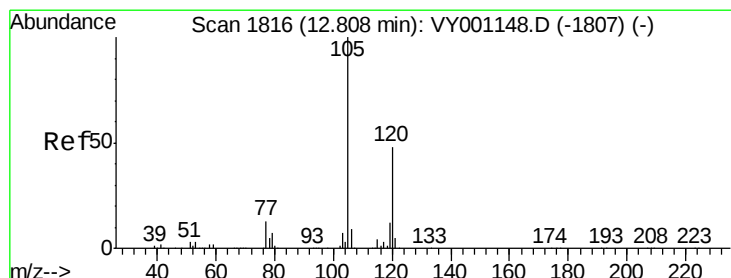
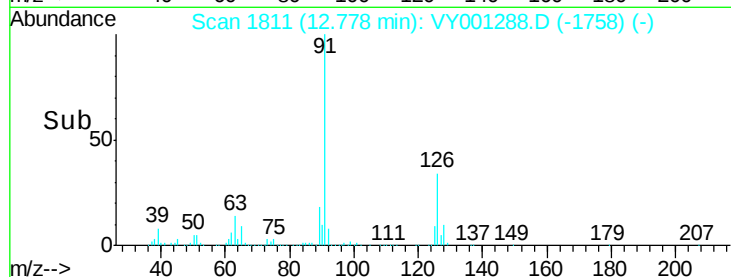
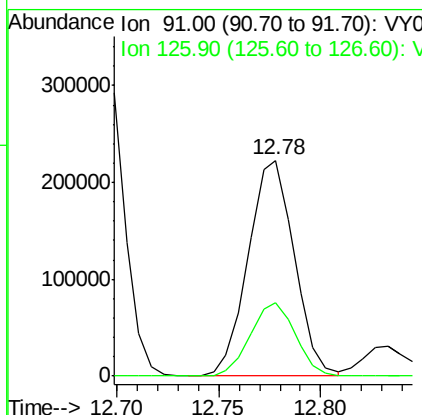
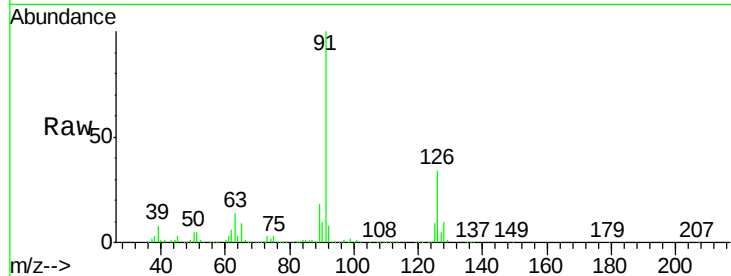




#79
 2-Chlorotoluene
 Concen: 46.90 ug/l
 RT: 12.78 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

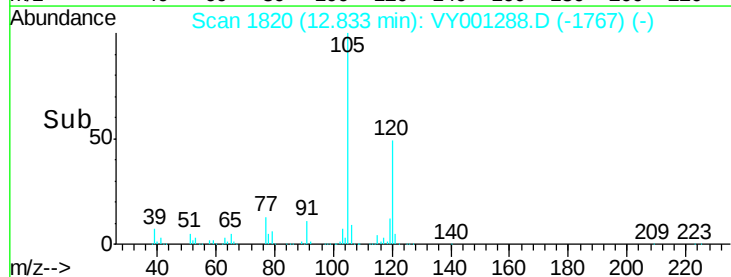
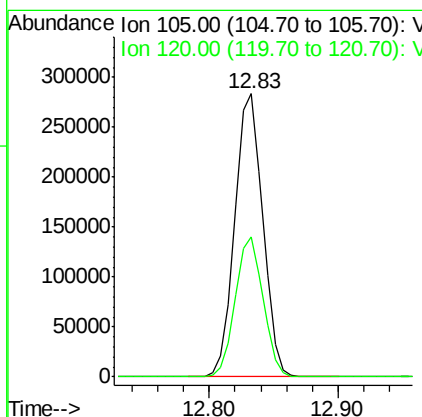
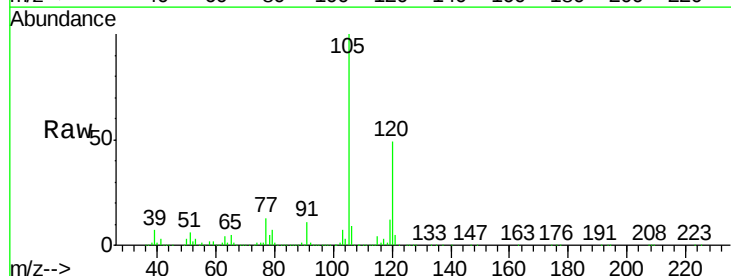
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

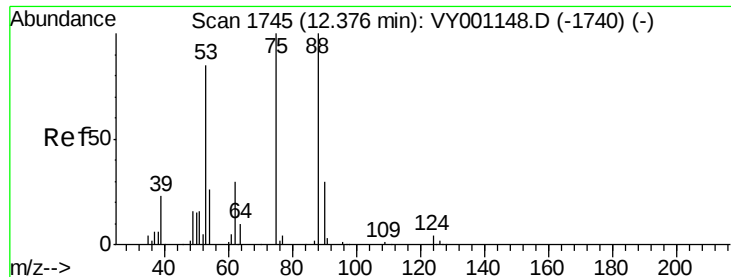
Tgt Ion: 91 Resp: 350176
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 47.49 ug/l
 RT: 12.83 min Scan# 1820
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 105 Resp: 428266
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.2 72.6

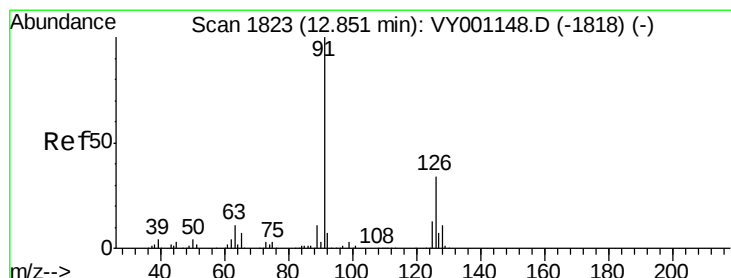
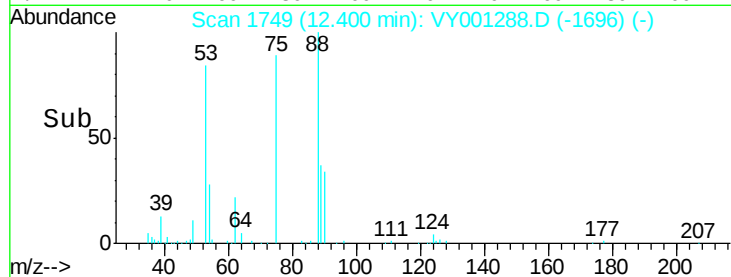
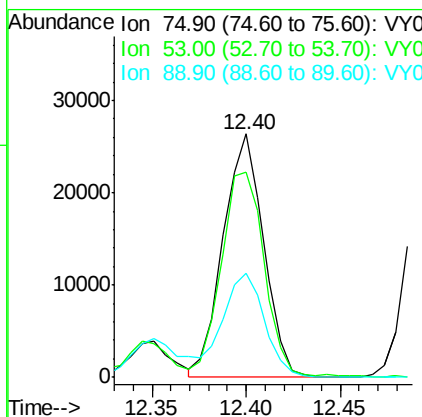
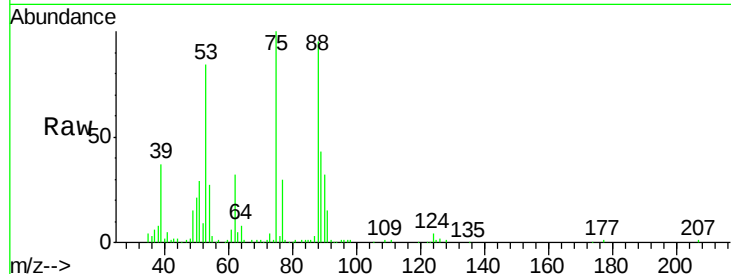




#81
trans-1,4-Dichloro-2-butene
Concen: 43.21 ug/l
RT: 12.40 min Scan# 1749
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

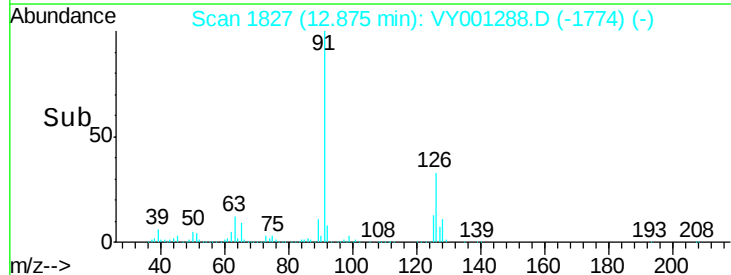
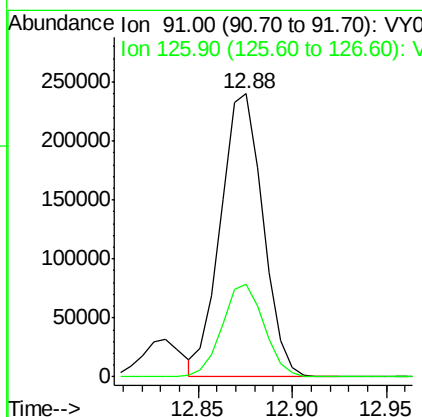
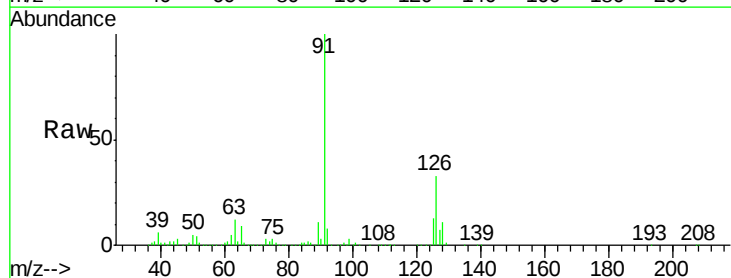
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

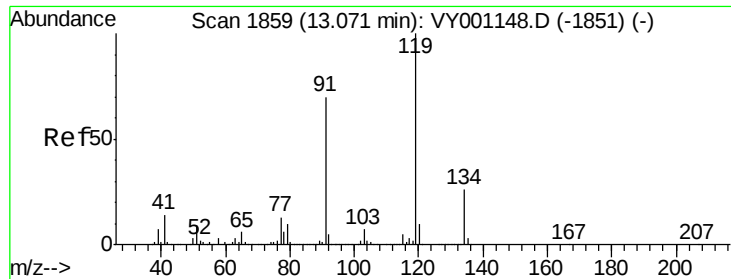
Tgt Ion: 75 Resp: 39219
Ion Ratio Lower Upper
75 100
53 88.3 69.4 104.2
89 43.5 0.0 0.0#



#82
4-Chlorotoluene
Concen: 46.86 ug/l
RT: 12.88 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion: 91 Resp: 373505
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

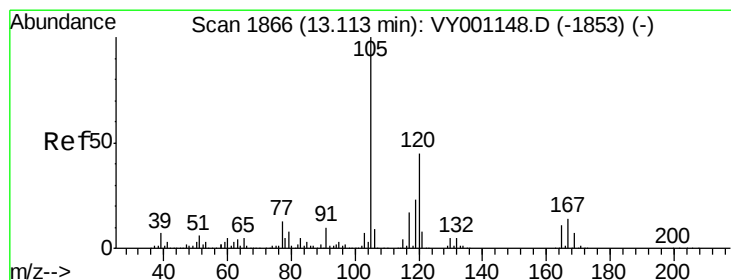
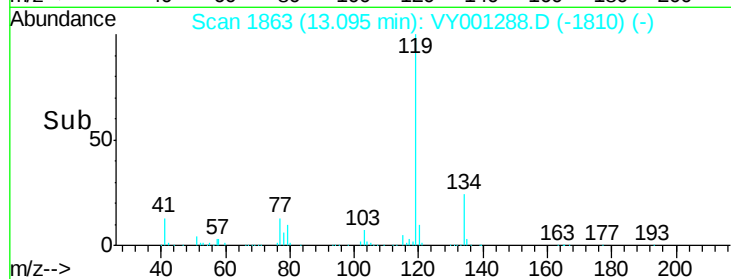
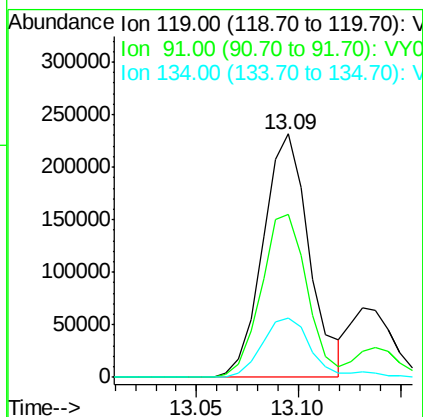
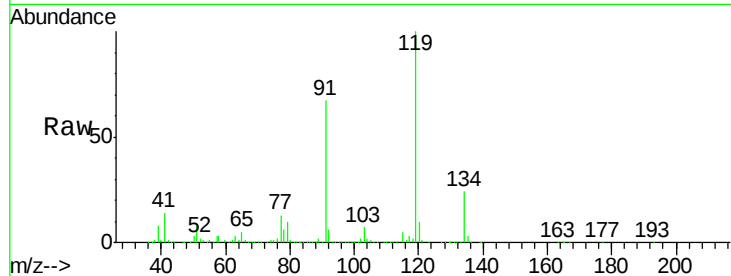




#83
 tert-Butylbenzene
 Concen: 48.31 ug/l
 RT: 13.09 min Scan# 1863
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

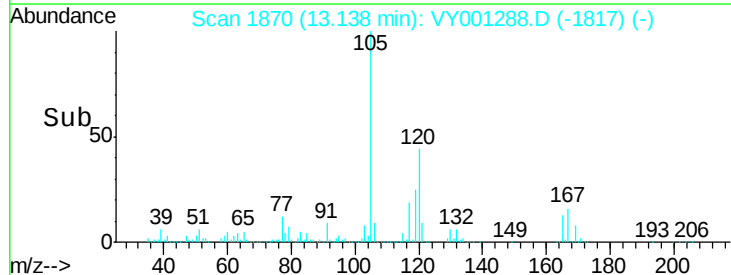
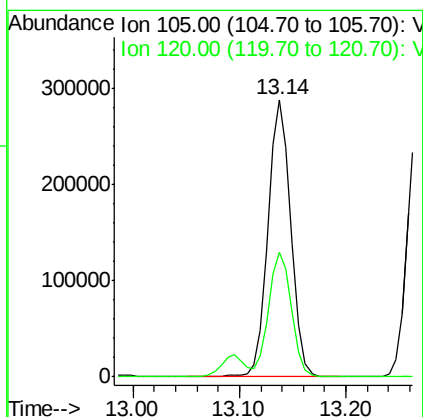
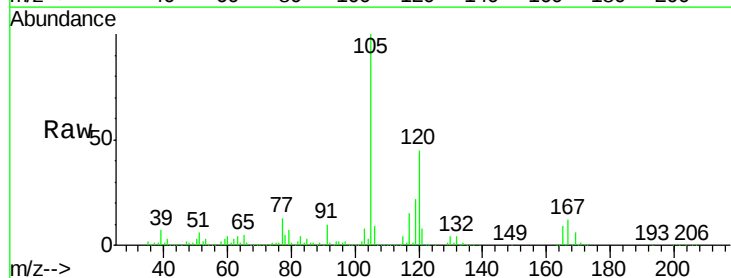
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

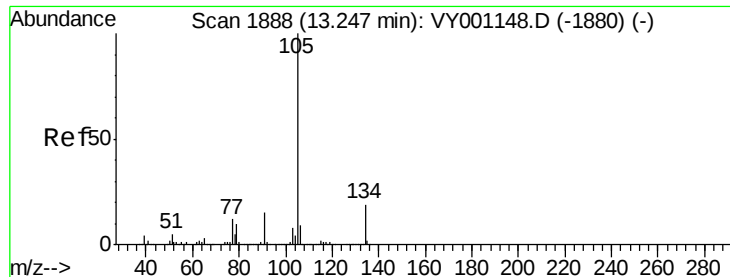
Tgt Ion:119 Resp: 366026
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.9 101.7
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.27 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion:105 Resp: 432224
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.3

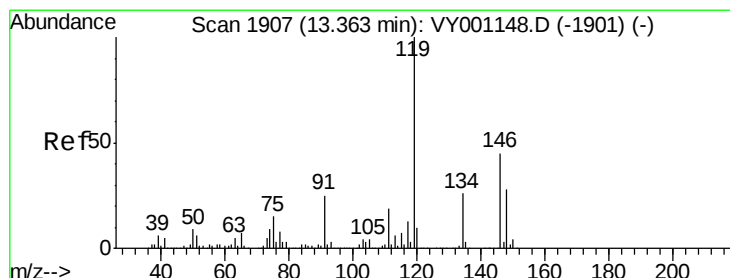
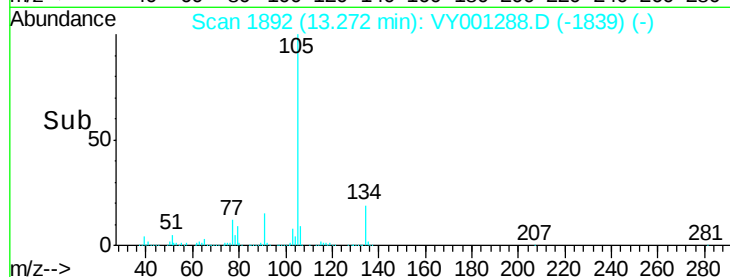
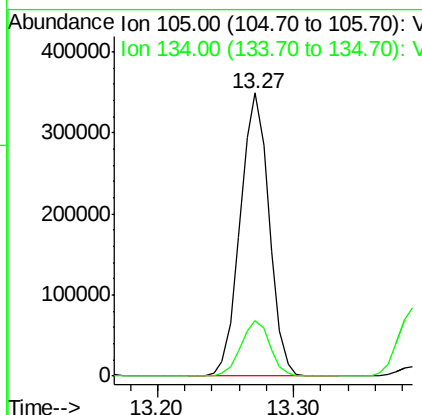
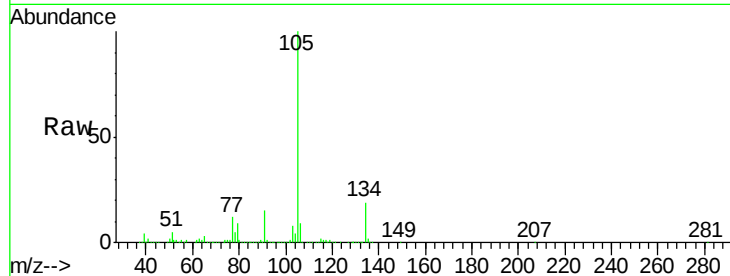




#85
 sec-Butylbenzene
 Concen: 47.54 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

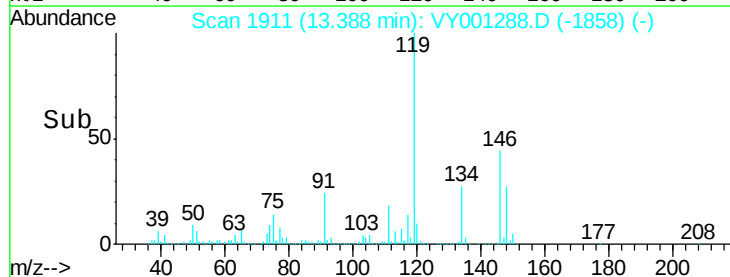
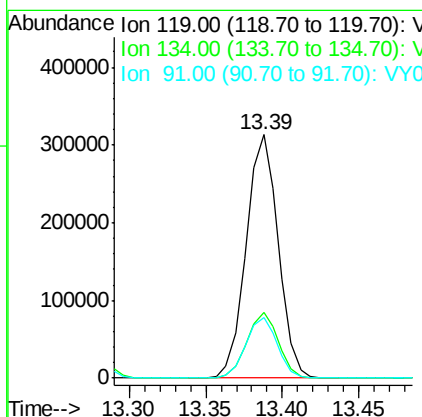
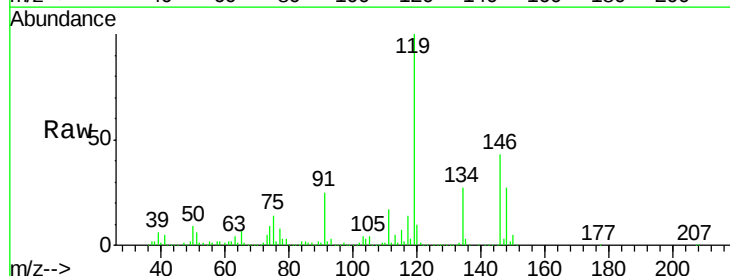
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

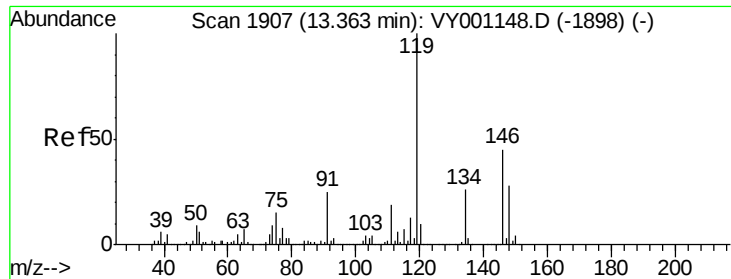
Tgt Ion:105 Resp: 518208
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.04 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion:119 Resp: 454632
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.6 12.4 37.2

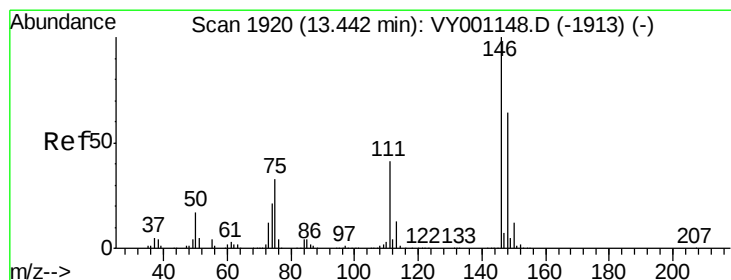
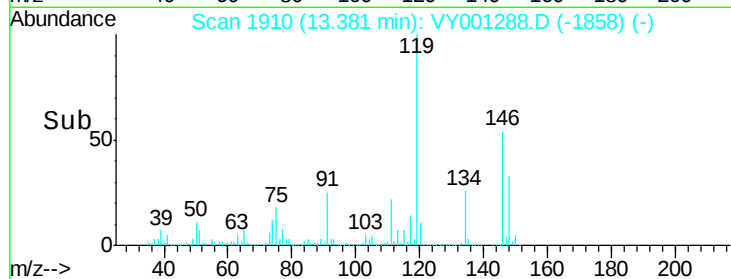
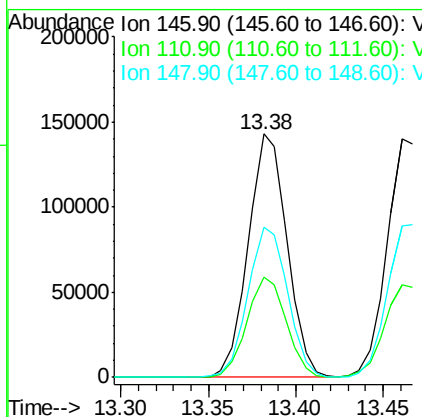
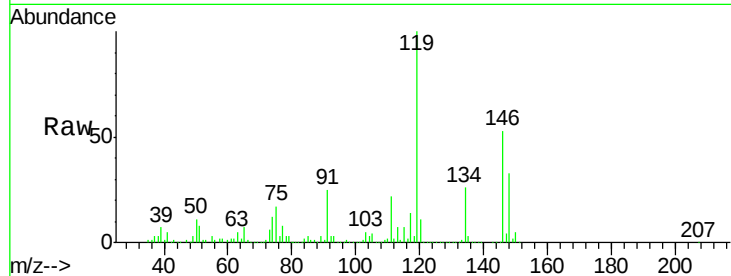




#87
 1,3-Dichlorobenzene
 Concen: 49.17 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

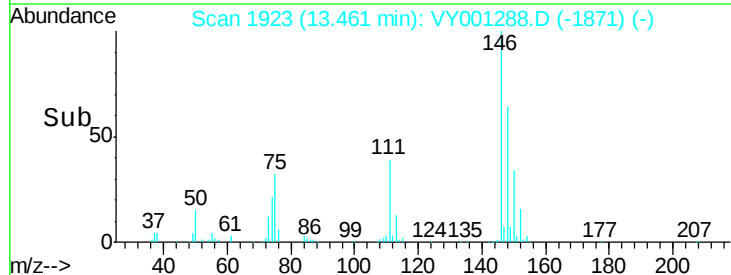
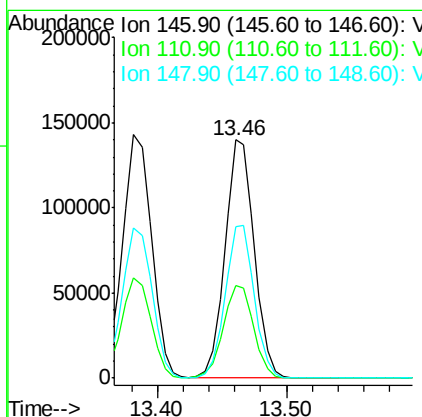
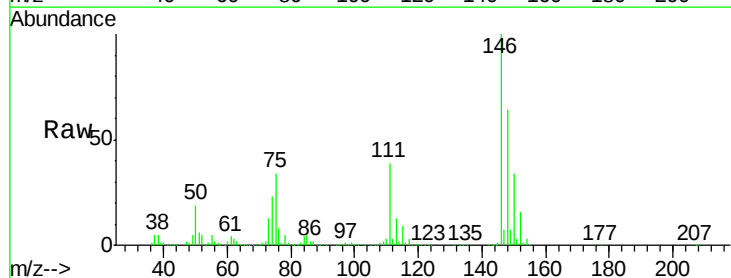
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

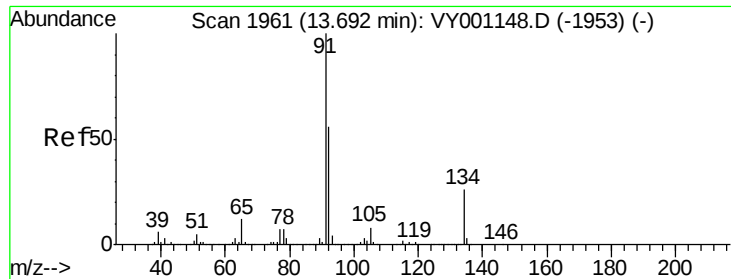
Tgt Ion:146 Resp: 222084
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.3 64.0
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.75 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion:146 Resp: 221931
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.8 62.5
 148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 47.41 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.02 min

Lab File: VY001288.D

Acq: 17 Jan 2020 23:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

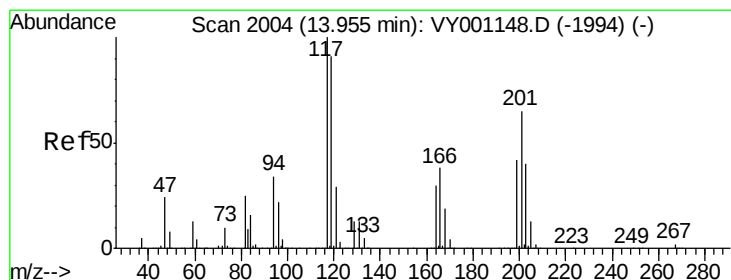
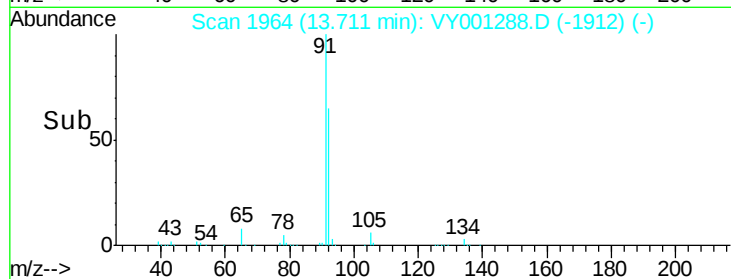
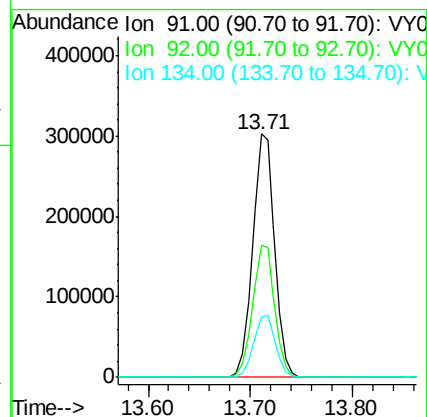
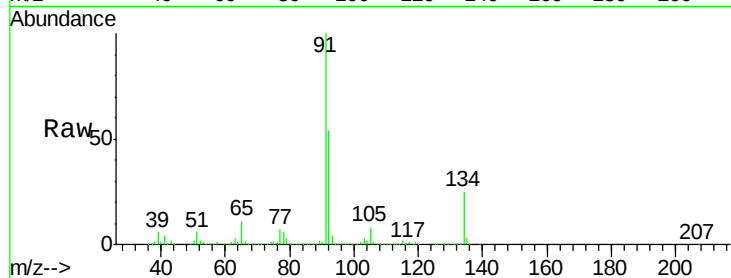
Tgt Ion: 91 Resp: 451945

Ion Ratio Lower Upper

91 100

92 54.6 27.7 83.1

134 25.5 12.9 38.6



#90

Hexachloroethane

Concen: 48.29 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.02 min

Lab File: VY001288.D

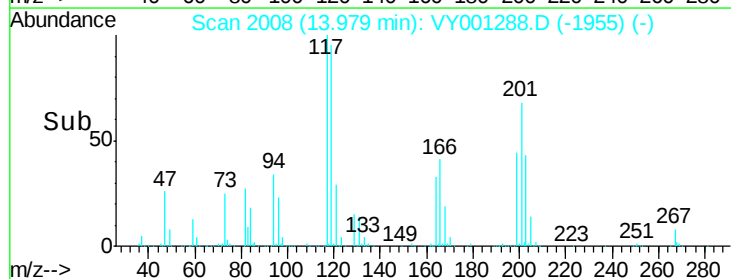
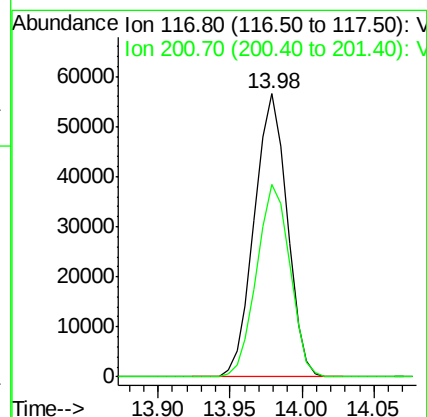
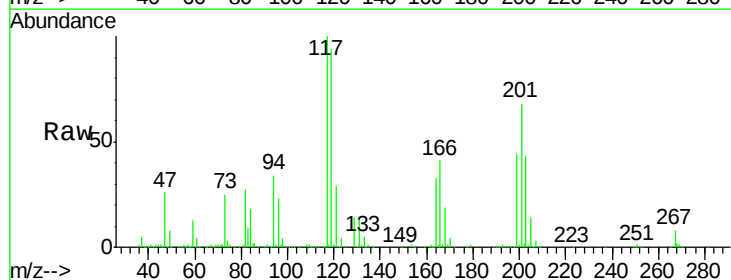
Acq: 17 Jan 2020 23:50

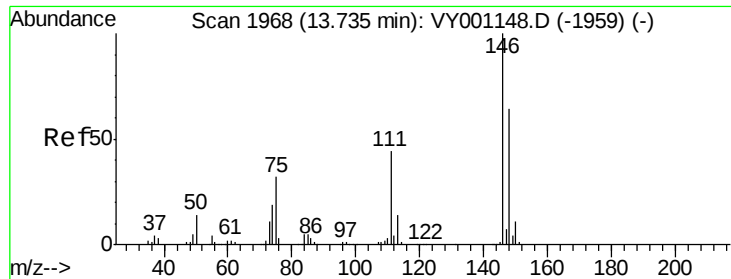
Tgt Ion: 117 Resp: 89298

Ion Ratio Lower Upper

117 100

201 68.8 35.4 106.2

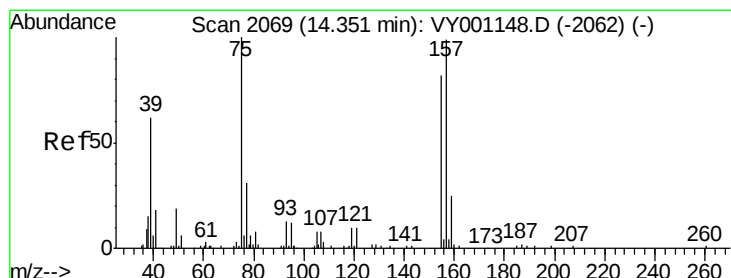
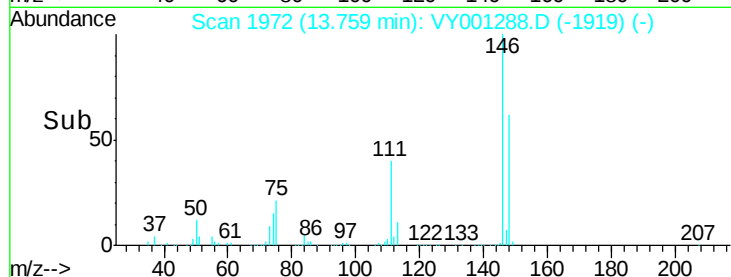
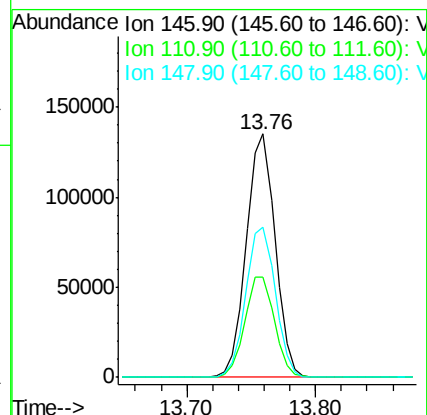
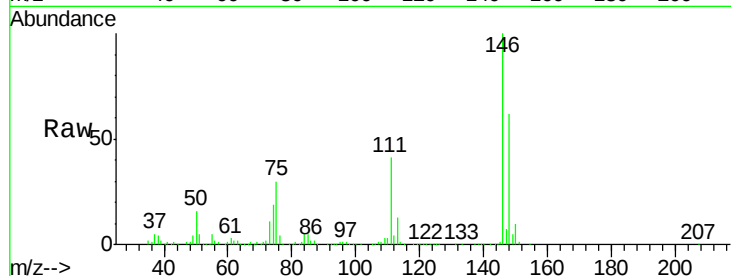




#91
 1,2-Dichlorobenzene
 Concen: 49.56 ug/l
 RT: 13.76 min Scan# 1972
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

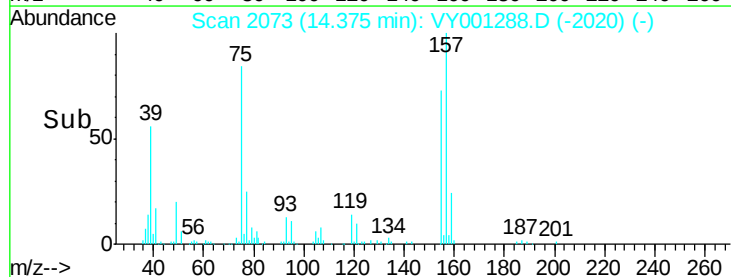
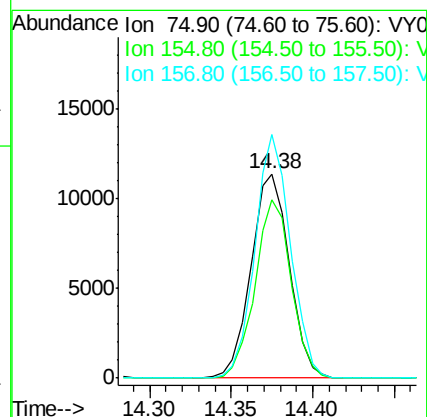
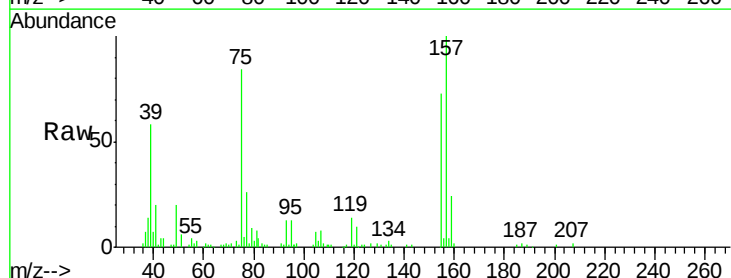
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

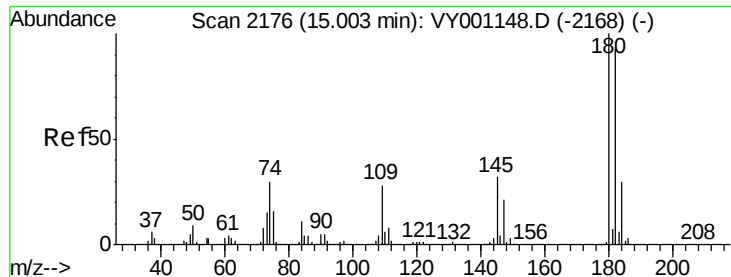
Tgt Ion: 146 Resp: 208012
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.02 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion: 75 Resp: 18466
 Ion Ratio Lower Upper
 75 100
 155 82.8 41.2 123.6
 157 111.2 52.8 158.4

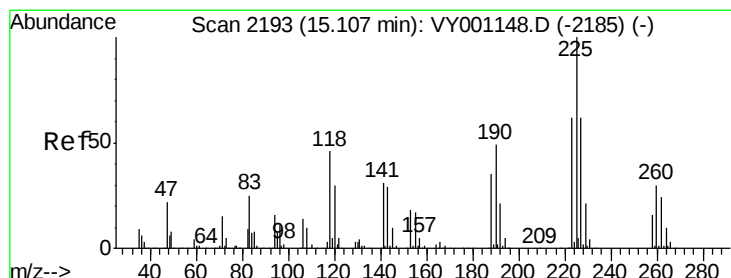
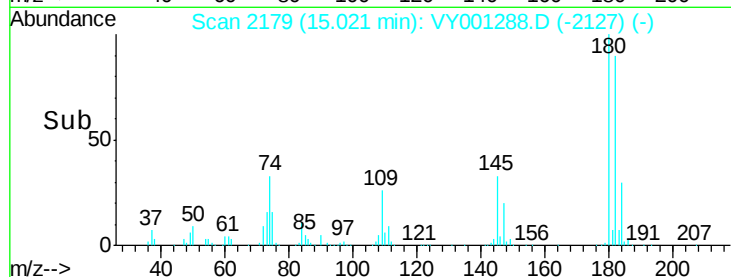
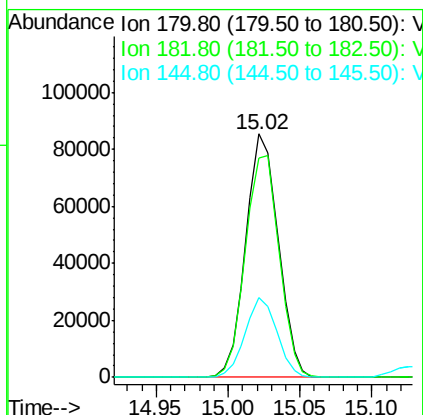
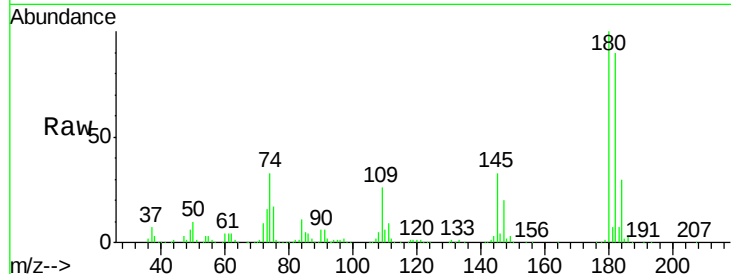




#93
 1,2,4-Trichlorobenzene
 Concen: 48.23 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

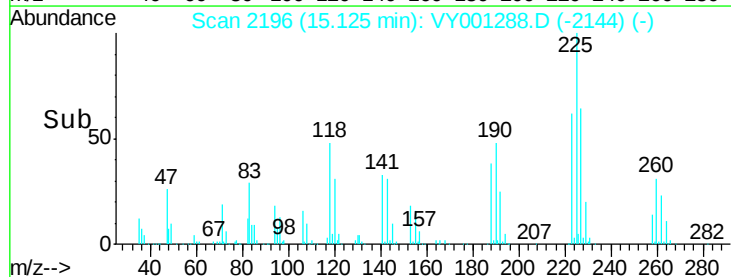
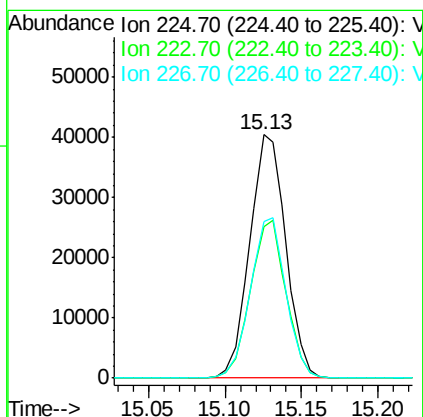
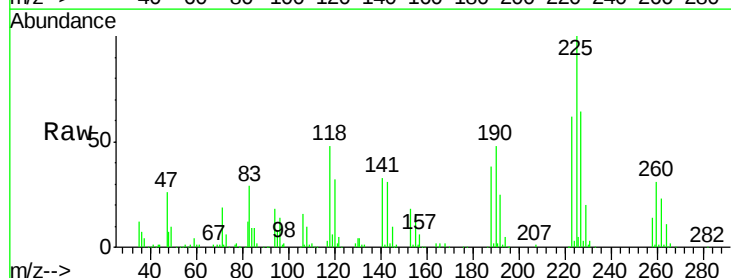
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

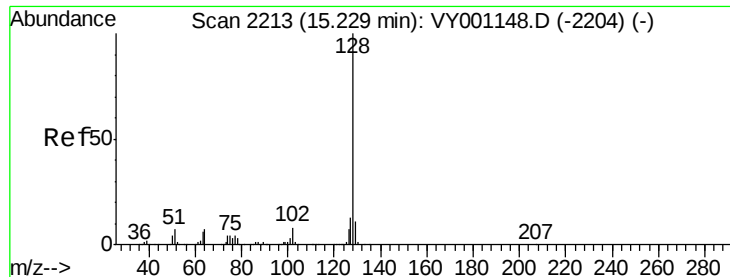
Tgt Ion:180 Resp: 133381
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.9 140.8
 145 32.3 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 47.56 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: VY001288.D
 Acq: 17 Jan 2020 23:50

Tgt Ion:225 Resp: 66263
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.1 93.3
 227 64.5 31.3 93.9

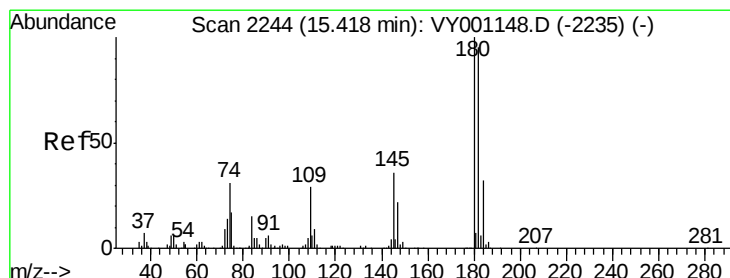
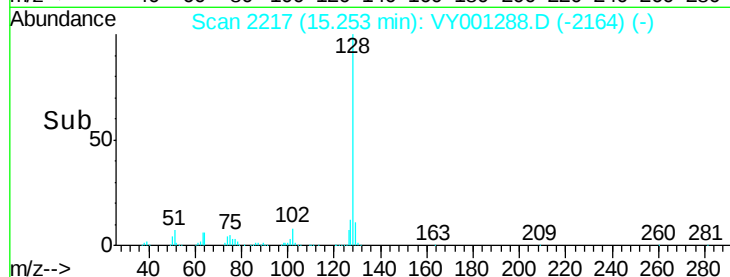
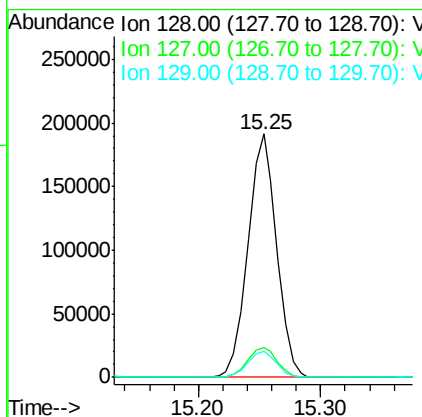
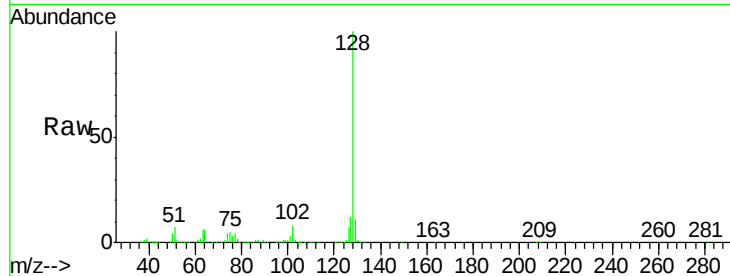




#95
Naphthalene
Concen: 48.26 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 310700
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.60 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.02 min
Lab File: VY001288.D
Acq: 17 Jan 2020 23:50

Tgt Ion:180 Resp: 118453
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 33.8 17.1 51.3

