

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002989.D
 Acq On : 22 Jun 2020 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 08:22:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	533220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	501866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	269488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	155799	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
35) Dibromofluoromethane	7.72	113	157280	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.18	98	596512	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.48	95	216380	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	102290	43.407	ug/l	96
3) Chloromethane	2.12	50	100360	37.509	ug/l	97
4) Vinyl Chloride	2.26	62	113985	39.677	ug/l	97
5) Bromomethane	2.65	94	92421	43.598	ug/l	99
6) Chloroethane	2.80	64	72474	39.004	ug/l	96
7) Trichlorofluoromethane	3.13	101	220831	42.807	ug/l	99
8) Diethyl Ether	3.54	74	78574	42.213	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	127654	41.087	ug/l	95
10) Methyl Iodide	4.10	142	204758	47.602	ug/l	99
11) Tert butyl alcohol	4.97	59	80033	241.741	ug/l	99
12) 1,1-Dichloroethene	3.88	96	129326	41.976	ug/l	96
13) Acrolein	3.74	56	77839	253.774	ug/l	99
14) Allyl chloride	4.49	41	177325	39.904	ug/l	96
15) Acrylonitrile	5.18	53	191561	214.582	ug/l	100
16) Acetone	3.96	43	144123	190.586	ug/l	100
17) Carbon Disulfide	4.20	76	377246	41.416	ug/l	99
18) Methyl Acetate	4.49	43	78860	40.501	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	387671	46.199	ug/l	99
20) Methylene Chloride	4.72	84	157907	41.994	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	149154	43.603	ug/l	95
22) Diisopropyl ether	6.13	45	379467	41.826	ug/l	98
23) Vinyl Acetate	6.07	43	1319116	224.776	ug/l	98
24) 1,1-Dichloroethane	6.03	63	228053	42.431	ug/l	100
25) 2-Butanone	6.99	43	241206	212.861	ug/l	98
26) 2,2-Dichloropropane	6.99	77	212696	42.371	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	171408	44.834	ug/l	97
28) Bromochloromethane	7.34	49	100431	44.692	ug/l	89
29) Tetrahydrofuran	7.35	42	156600	213.945	ug/l	94
30) Chloroform	7.52	83	253472	45.028	ug/l	99
31) Cyclohexane	7.79	56	207670	39.611	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	237384	45.765	ug/l	99
36) 1,1-Dichloropropene	7.93	75	189130	43.674	ug/l	99
37) Ethyl Acetate	7.08	43	106217	44.172	ug/l	99
38) Carbon Tetrachloride	7.91	117	225243	47.197	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	256822	44.990	ug/l	98
40) Benzene	8.17	78	573220	44.461	ug/l	98
41) Methacrylonitrile	7.35	41	147031	122.134	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	171559	47.944	ug/l	100
43) Isopropyl Acetate	8.28	43	208347	46.529	ug/l	99
44) Trichloroethene	8.94	130	189727	47.508	ug/l	94
45) 1,2-Dichloropropane	9.22	63	132771	42.823	ug/l	98
46) Dibromomethane	9.31	93	86527	46.740	ug/l	93
47) Bromodichloromethane	9.50	83	204909	47.410	ug/l	98
48) Methyl methacrylate	9.30	41	93127	46.350	ug/l	97
49) 1,4-Dioxane	9.30	88	25743	948.798	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	534233	225.144	ug/l	99
52) Toluene	10.24	92	409867	49.121	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	220055	46.847	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	242772	45.659	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	129824	47.025	ug/l	97
56) Ethyl methacrylate	10.51	69	177569	47.715	ug/l	97
57) 1,3-Dichloropropane	10.79	76	210396	45.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446196	240.726	ug/l	94
59) 2-Hexanone	10.83	43	381643	228.770	ug/l	99
60) Dibromochloromethane	10.99	129	171784	48.792	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131422	47.984	ug/l	99
64) Tetrachloroethene	10.72	164	195176	46.670	ug/l	97
65) Chlorobenzene	11.52	112	442661	46.597	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	172329	47.991	ug/l	99
67) Ethyl Benzene	11.59	91	764488	46.654	ug/l	99
68) m/p-Xylenes	11.70	106	633755	99.529	ug/l	98
69) o-Xylene	12.03	106	301556	50.241	ug/l	99
70) Styrene	12.04	104	489130	47.165	ug/l	100
71) Bromoform	12.20	173	122332	50.898	ug/l #	99
73) Isopropylbenzene	12.33	105	767570	46.474	ug/l	99
74) N-amyl acetate	12.14	43	189653	44.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	140536	45.894	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	199860	85.157	ug/l #	100
77) Bromobenzene	12.61	156	206858	47.837	ug/l	96
78) n-propylbenzene	12.67	91	874036	45.614	ug/l	97
79) 2-Chlorotoluene	12.75	91	494096	46.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	693103	50.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56590	46.035	ug/l	100
82) 4-Chlorotoluene	12.85	91	502931	44.559	ug/l	98
83) tert-Butylbenzene	13.07	119	577802	46.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	828249	59.781	ug/l	98
85) sec-Butylbenzene	13.25	105	749118	44.652	ug/l	97
86) p-Isopropyltoluene	13.37	119	714278	45.390	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	379324	46.537	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	380913	46.667	ug/l	99
89) n-Butylbenzene	13.69	91	613845	43.150	ug/l	96
90) Hexachloroethane	13.96	117	135667	46.285	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	351331	47.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27824	48.636	ug/l	97

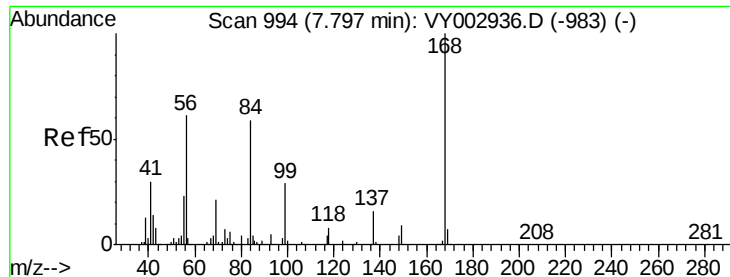
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	262139	47.090	ug/l	100
94) Hexachlorobutadiene	15.11	225	152216	47.440	ug/l	99
95) Naphthalene	15.23	128	594011	53.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238987	48.118	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

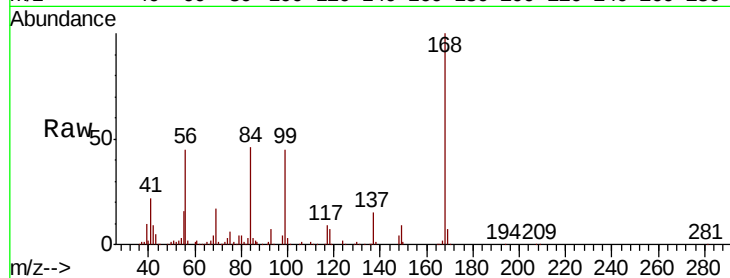
VSTDCCC050EC

Tot Ion:168 Resp: 369644

Ion Ratio Lower Upper

168 100

99 44.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

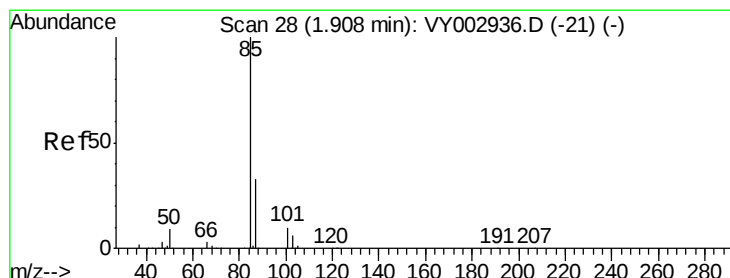
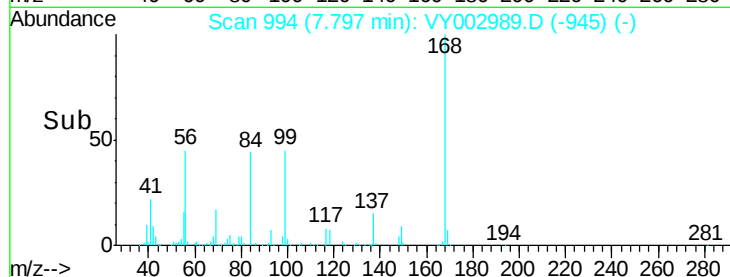
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.407 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002989.D

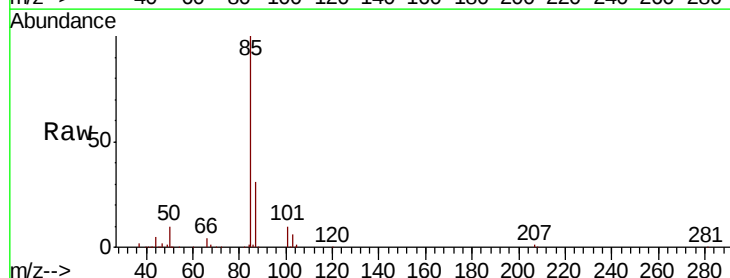
Acq: 22 Jun 2020 21:19

Tgt Ion: 85 Resp: 102290

Ion Ratio Lower Upper

85 100

87 30.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002936.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002936.D (-21) (-)

1.90

80000

60000

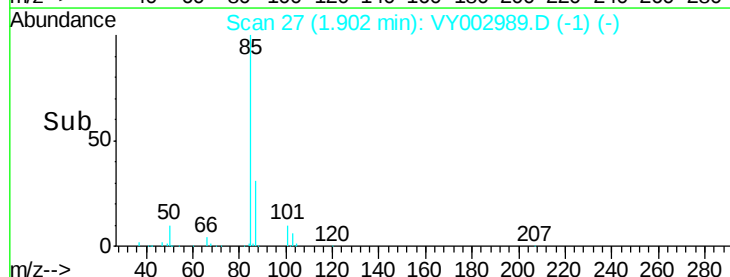
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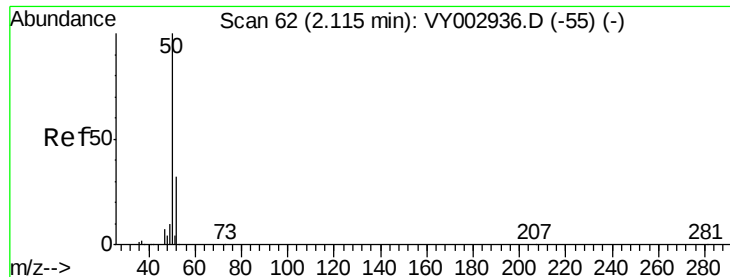
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 37.509 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

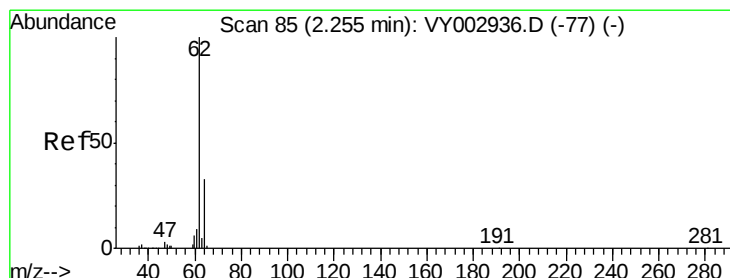
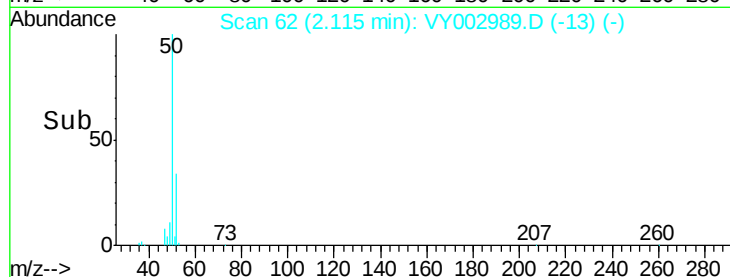
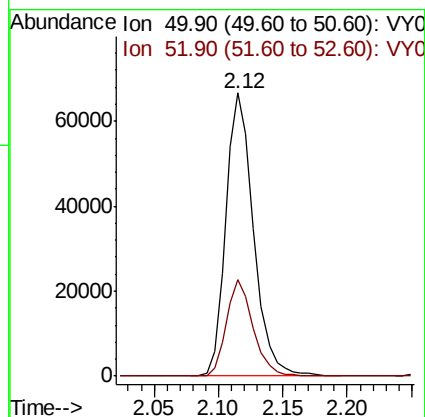
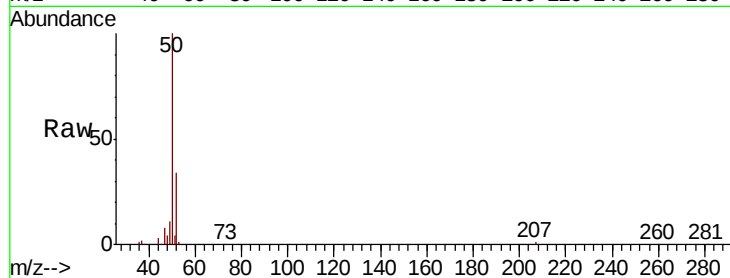
VSTDCCC050EC

Tot Ion: 50 Resp: 100360

Ion Ratio Lower Upper

50 100

52 34.0 25.8 38.6



#4

Vinyl Chloride

Concen: 39.677 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002989.D

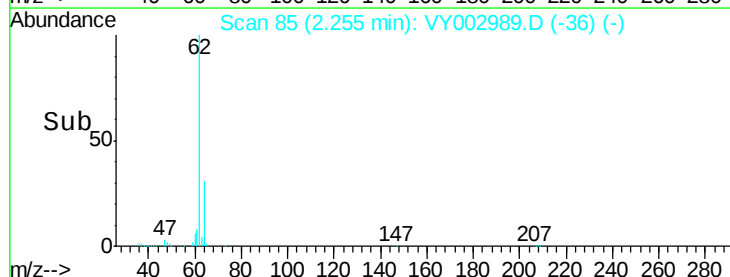
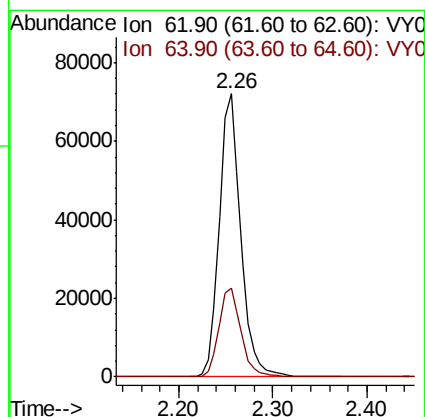
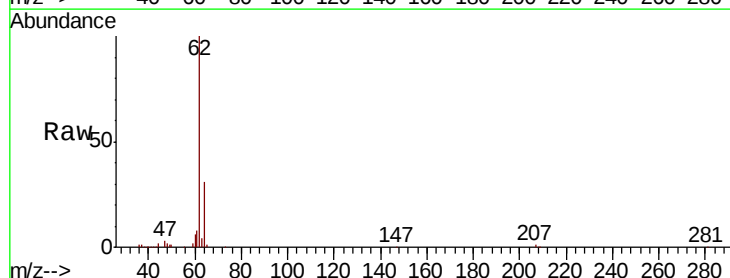
Acq: 22 Jun 2020 21:19

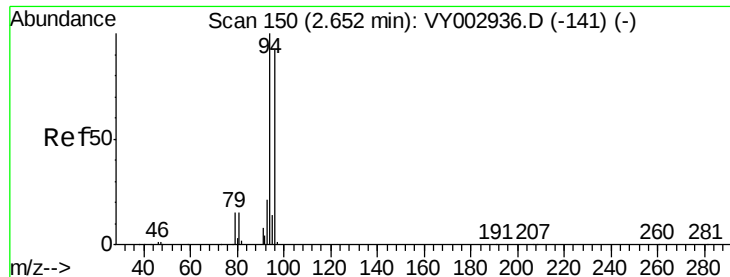
Tgt Ion: 62 Resp: 113985

Ion Ratio Lower Upper

62 100

64 31.2 26.3 39.5





#5

Bromomethane

Concen: 43.598 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

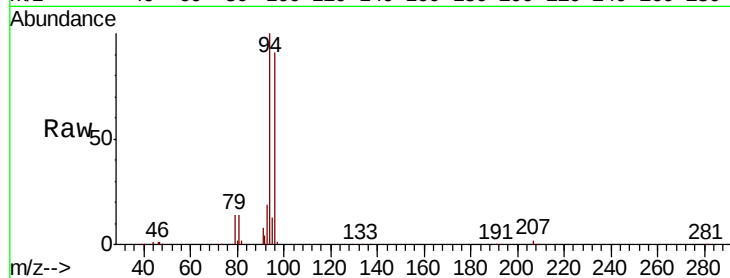
VSTDCCC050EC

Tot Ion: 94 Resp: 92421

Ion Ratio Lower Upper

94 100

96 91.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

50000

40000

30000

20000

10000

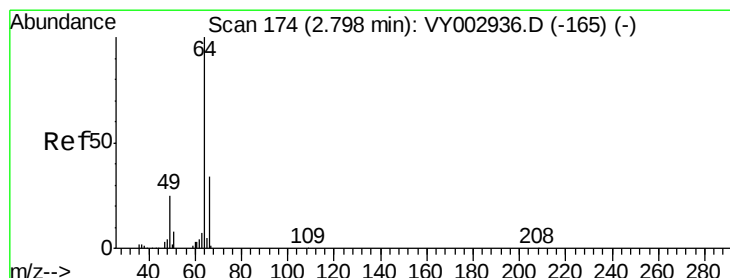
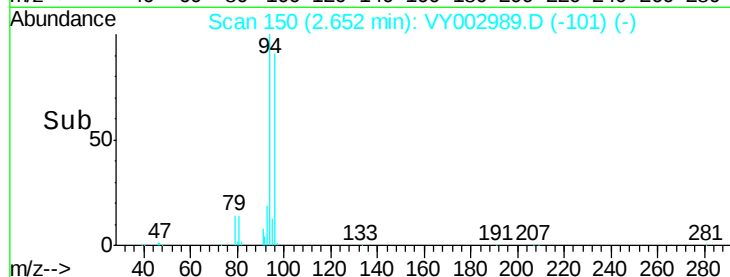
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 39.004 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002989.D

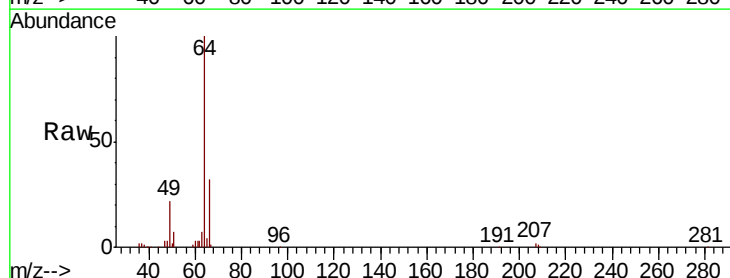
Acq: 22 Jun 2020 21:19

Tgt Ion: 64 Resp: 72474

Ion Ratio Lower Upper

64 100

66 31.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

40000

30000

20000

10000

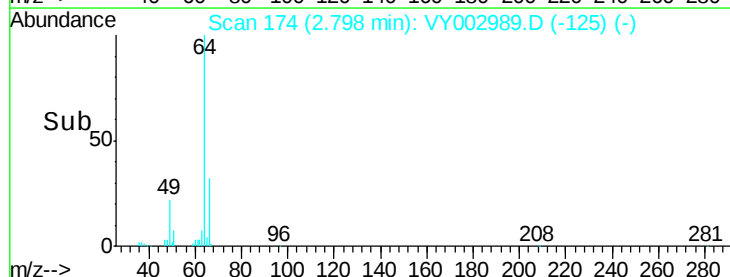
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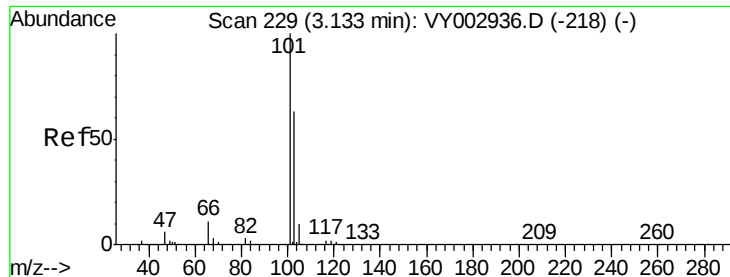
Time-->

2.70

2.80

2.90



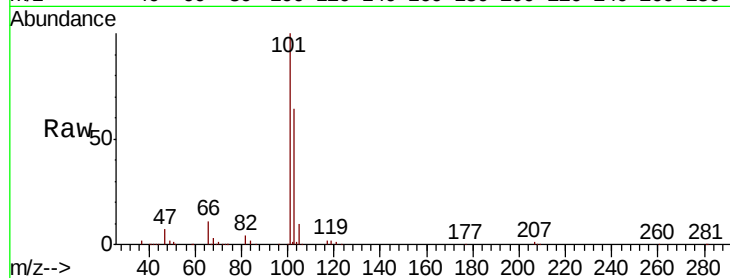


#7

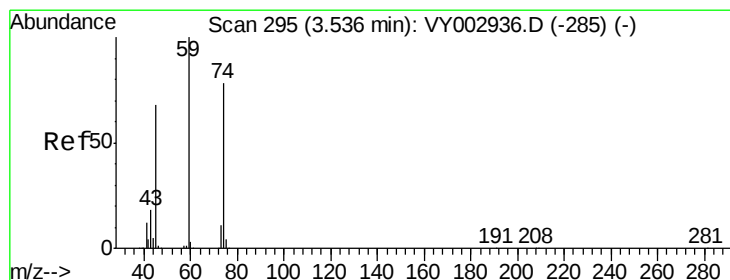
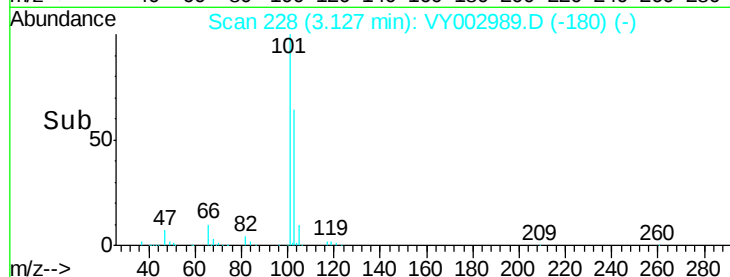
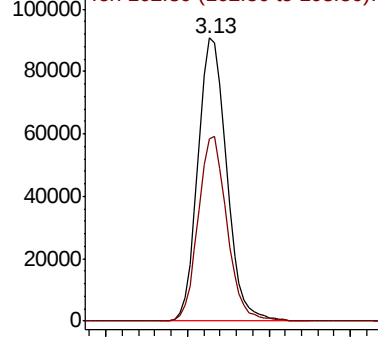
Trichlorofluoromethane
Concen: 42.807 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002989.D
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Instrument :
MSVOA_Y
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Tot Ion:101 Resp: 220831
Ion Ratio Lower Upper
101 100
103 64.4 50.6 76.0



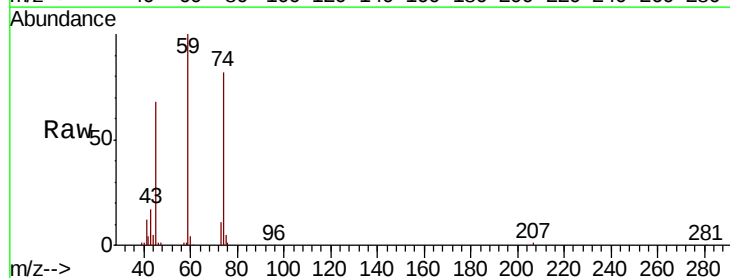
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



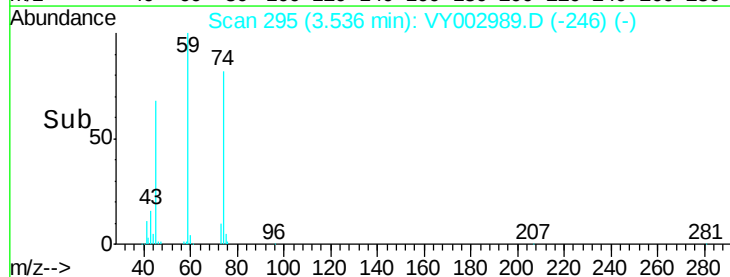
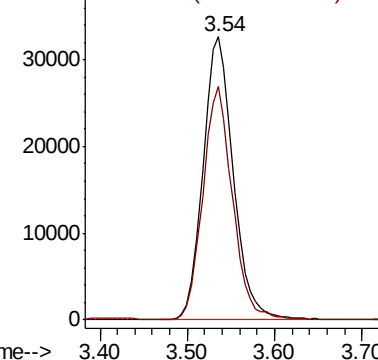
#8

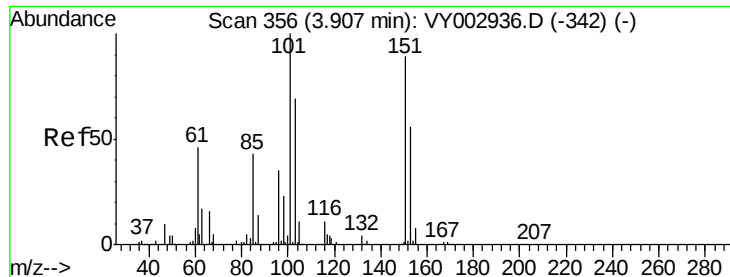
Diethyl Ether
Concen: 42.213 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 74 Resp: 78574
Ion Ratio Lower Upper
74 100
45 81.1 43.7 131.1



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: 41.087 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

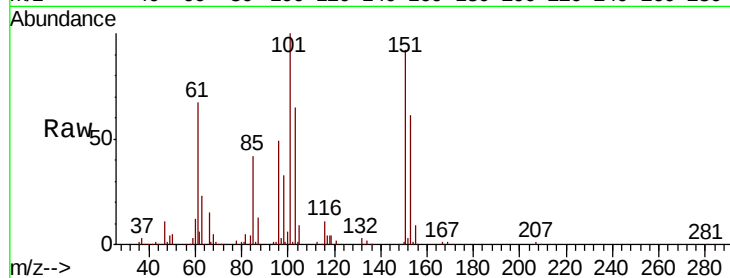
Tot Ion:101 Resp: 127654

Ion Ratio Lower Upper

101 100

85 41.6 33.6 50.4

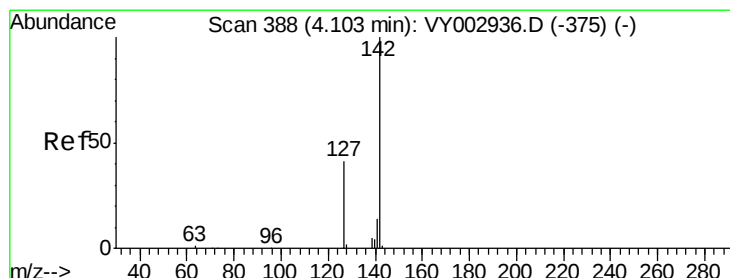
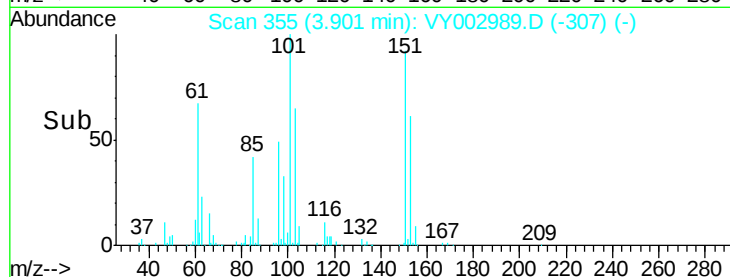
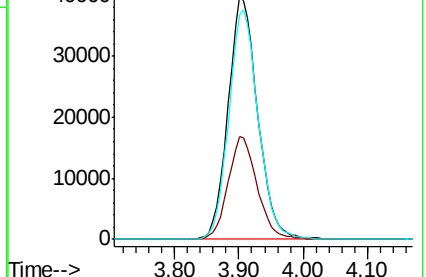
151 94.2 70.4 105.6



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: 47.602 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

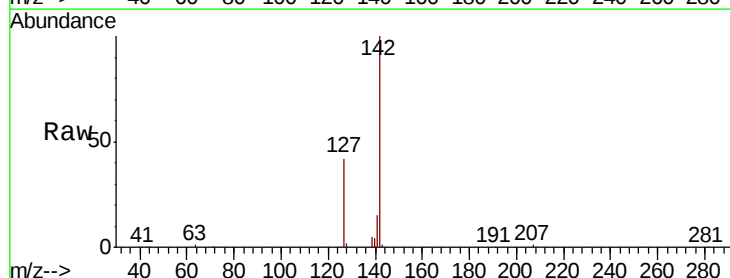
Tgt Ion:142 Resp: 204758

Ion Ratio Lower Upper

142 100

127 41.5 32.9 49.3

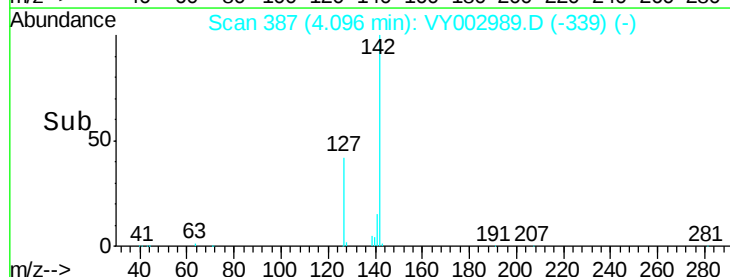
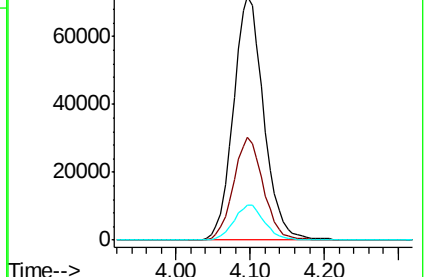
141 14.6 11.3 16.9

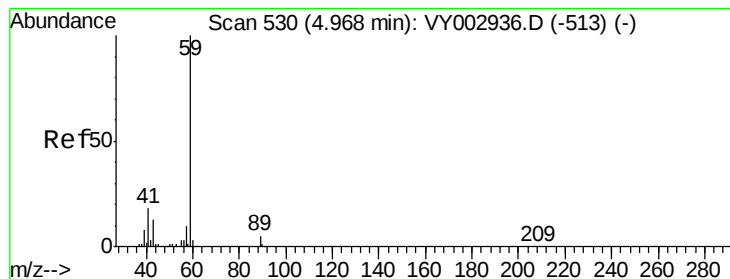


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



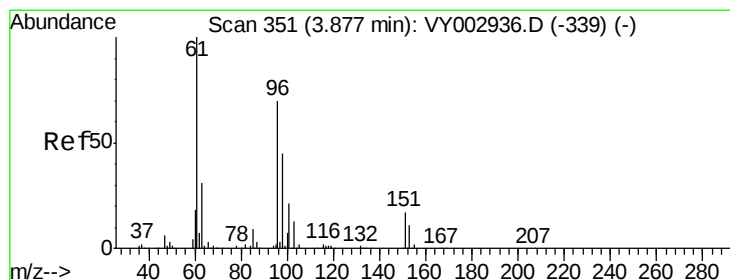
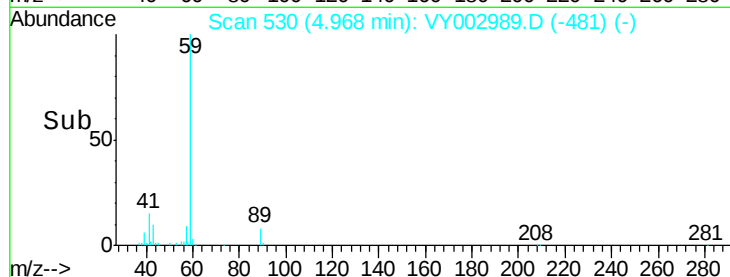
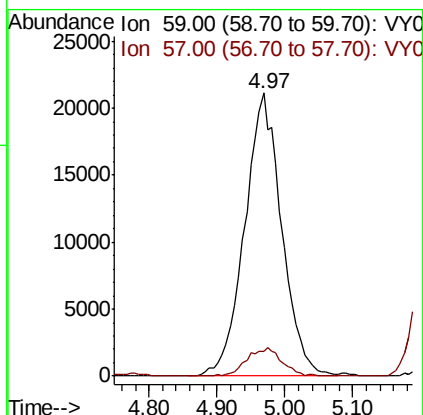
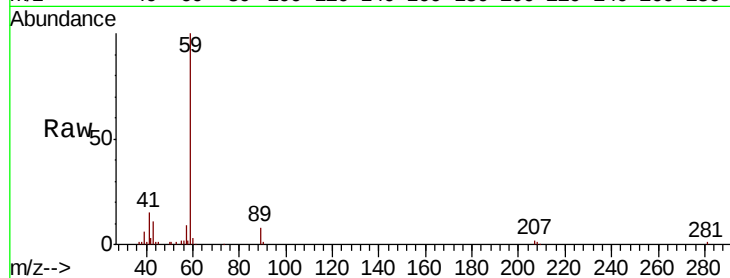


#11

Tert butyl alcohol
 Concen: 241.741 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

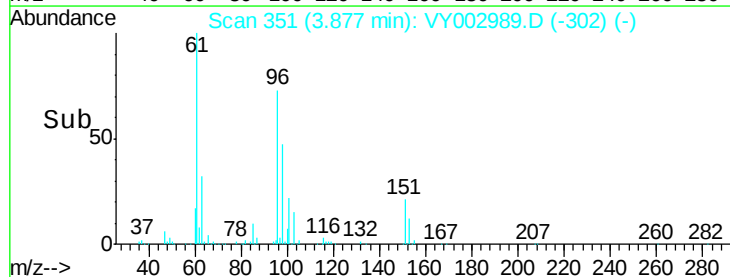
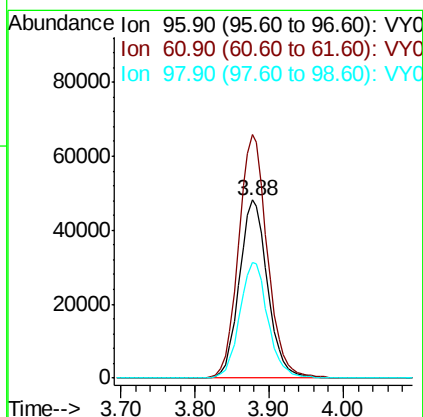
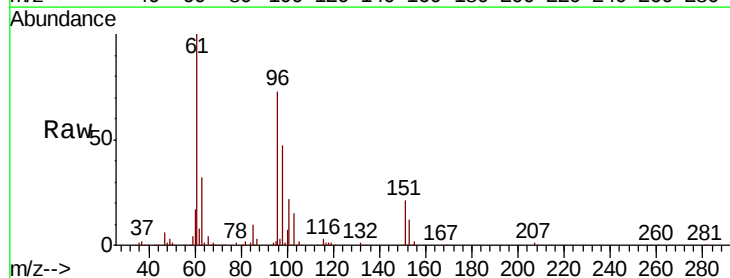
Tot Ion: 59 Resp: 80033
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

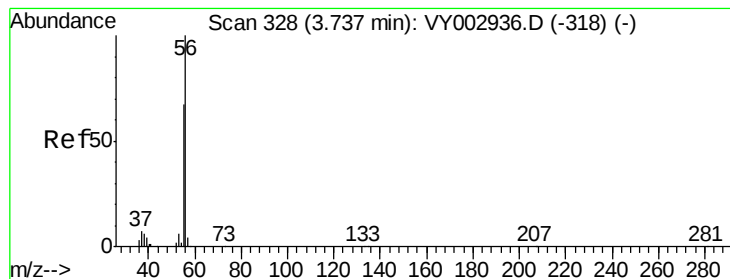


#12

1,1-Dichloroethene
 Concen: 41.976 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 96 Resp: 129326
 Ion Ratio Lower Upper
 96 100
 61 136.6 114.6 172.0
 98 64.7 51.4 77.0





#13

Acrolein

Concen: 253.774 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

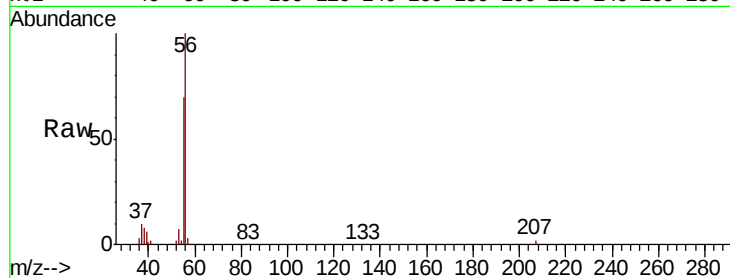
VSTDCCC050EC

Tot Ion: 56 Resp: 77839

Ion Ratio Lower Upper

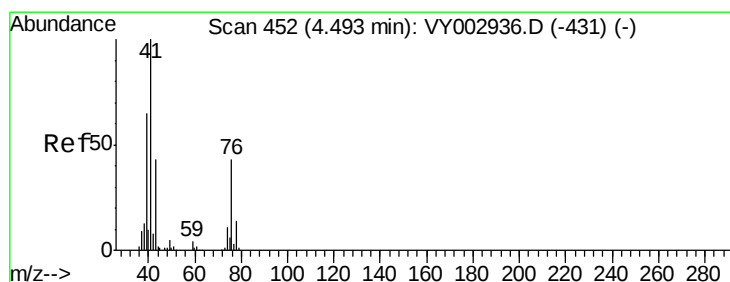
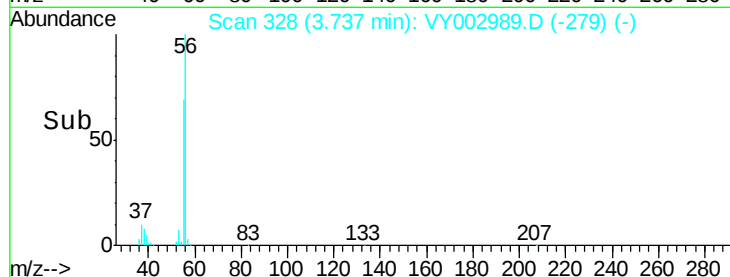
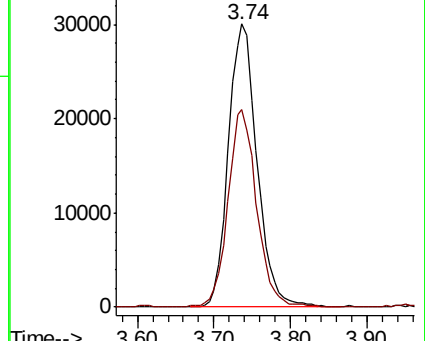
56 100

55 69.9 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 39.904 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

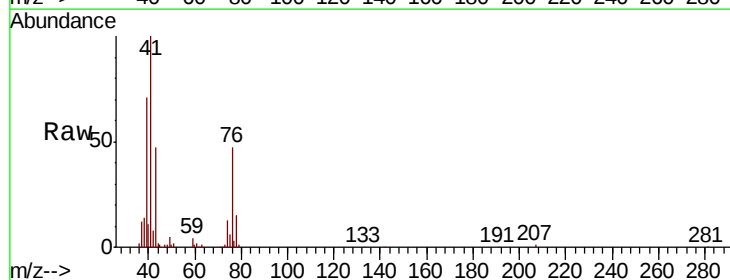
Tgt Ion: 41 Resp: 177325

Ion Ratio Lower Upper

41 100

39 66.7 50.0 75.0

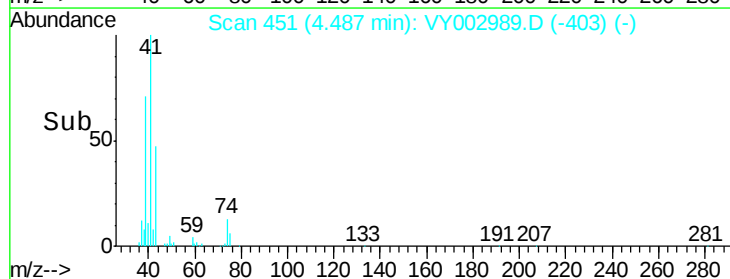
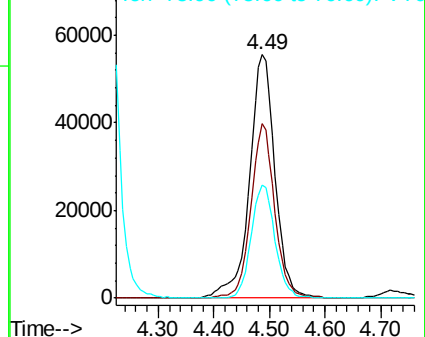
76 43.6 33.3 49.9

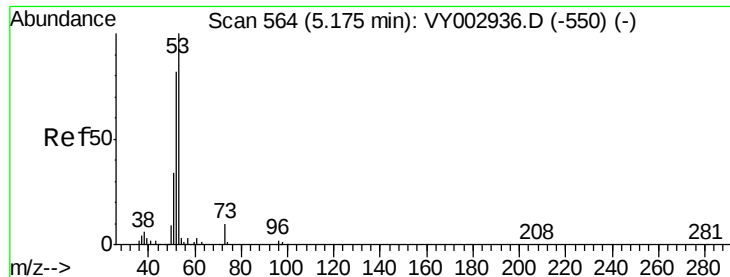


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 214.582 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

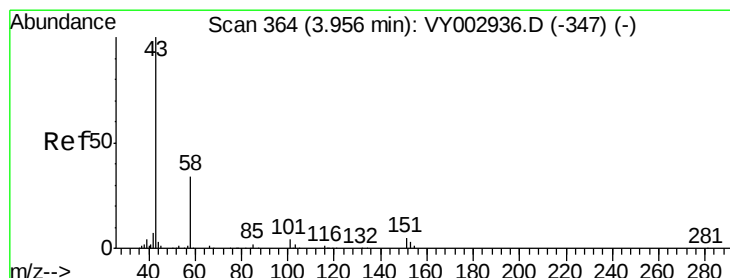
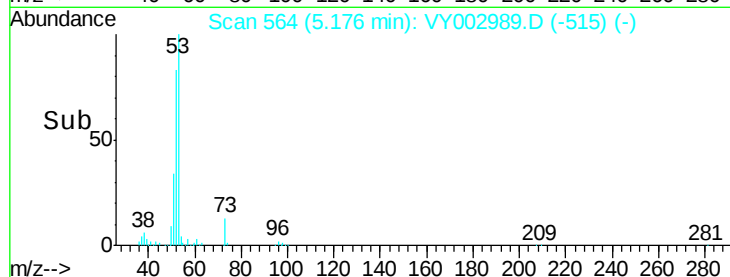
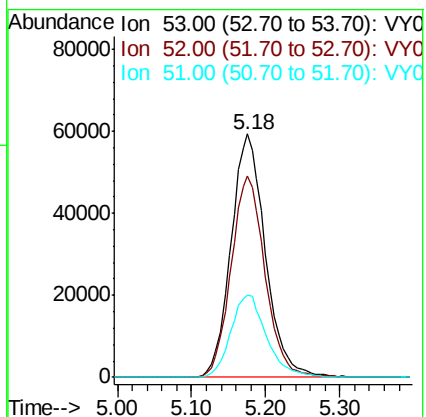
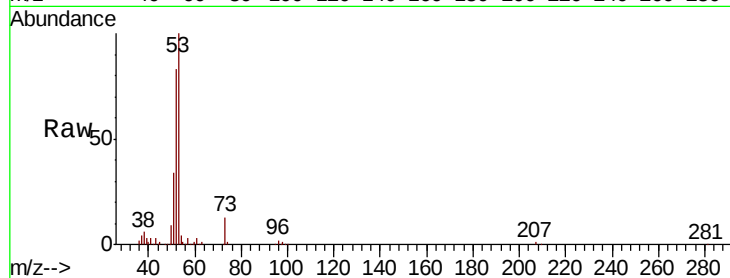
Tot Ion: 53 Resp: 191561

Ion Ratio Lower Upper

53 100

52 82.0 65.7 98.5

51 35.3 28.1 42.1



#16

Acetone

Concen: 190.586 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002989.D

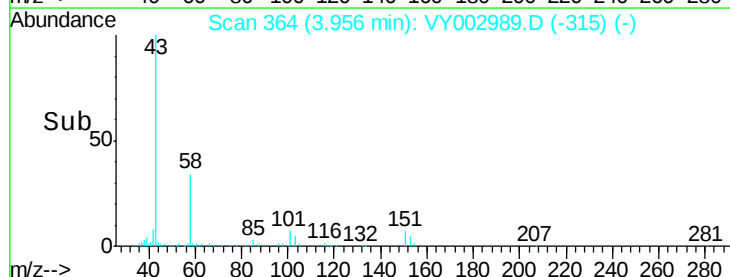
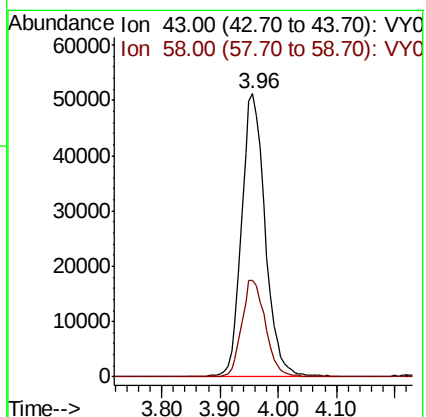
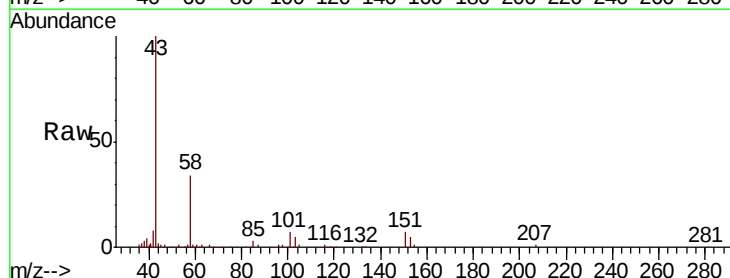
Acq: 22 Jun 2020 21:19

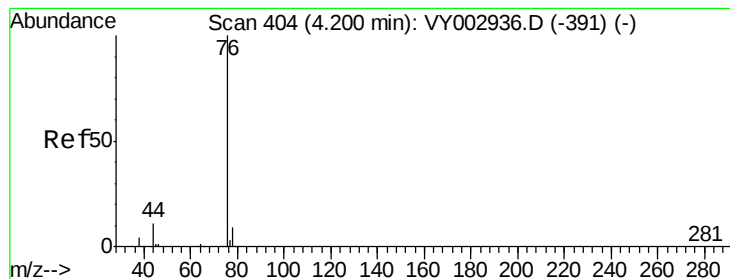
Tgt Ion: 43 Resp: 144123

Ion Ratio Lower Upper

43 100

58 33.9 27.3 40.9





#17

Carbon Disulfide

Concen: 41.416 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

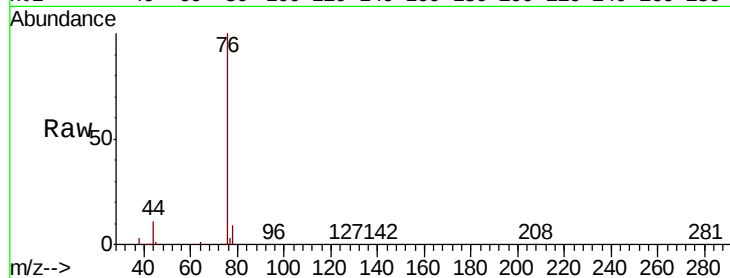
VSTDCCC050EC

Tot Ion: 76 Resp: 377246

Ion Ratio Lower Upper

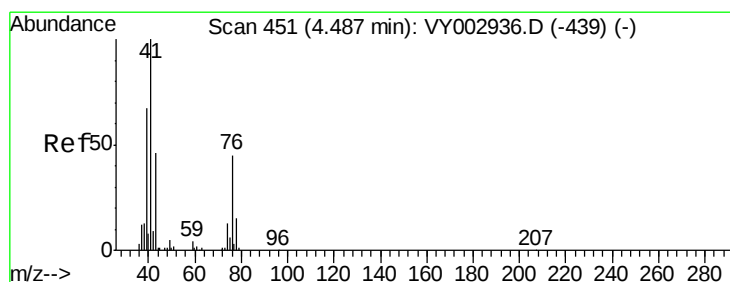
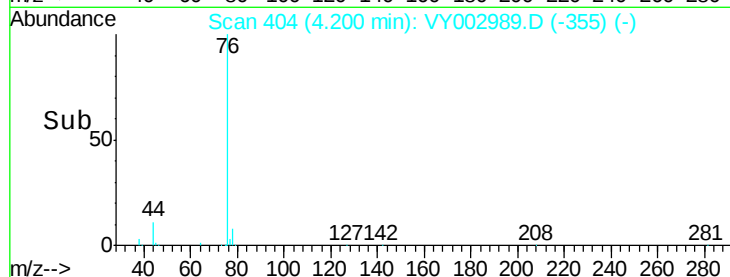
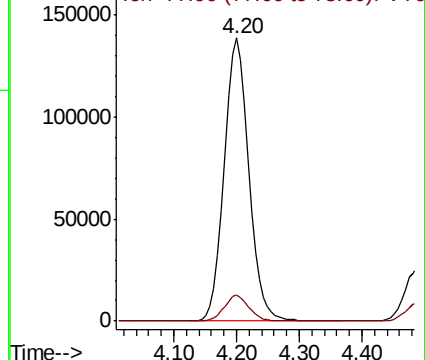
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002989.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002989.D (-391) (-)



#18

Methyl Acetate

Concen: 40.501 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002989.D

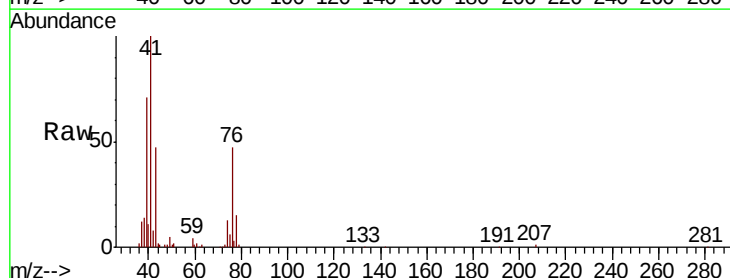
Acq: 22 Jun 2020 21:19

Tgt Ion: 43 Resp: 78860

Ion Ratio Lower Upper

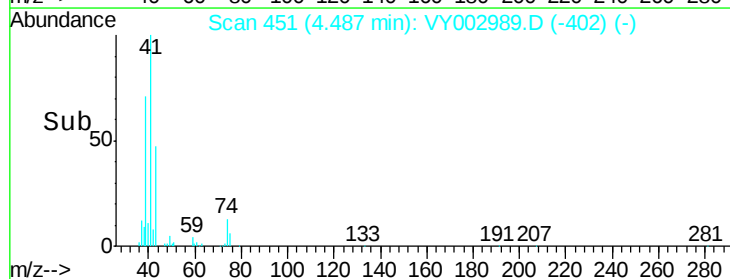
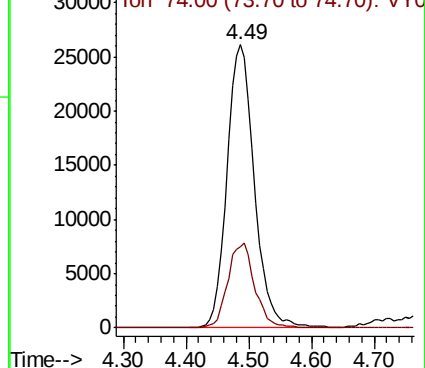
43 100

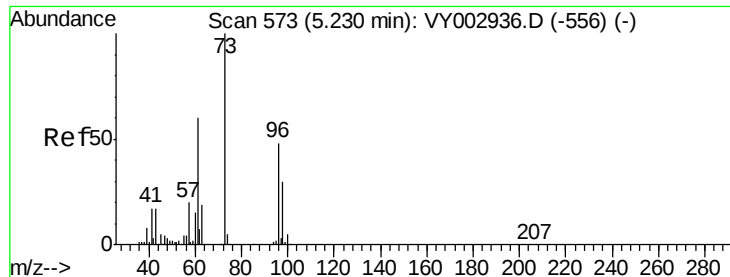
74 29.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY002989.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY002989.D (-402) (-)

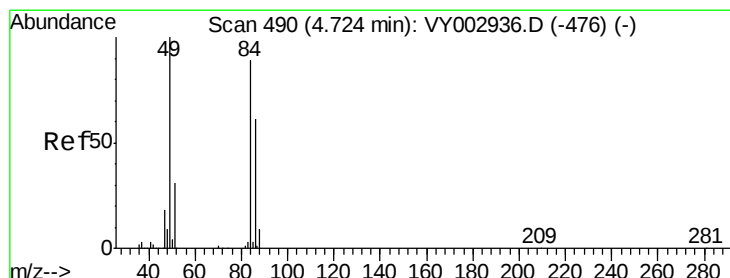
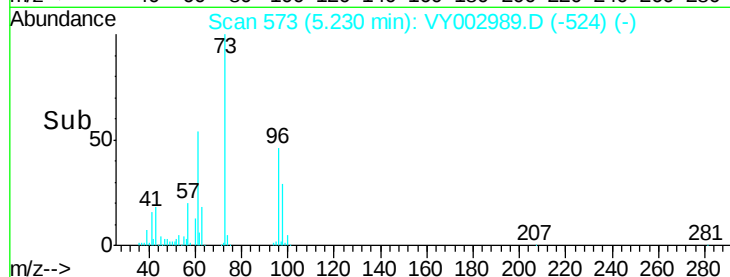
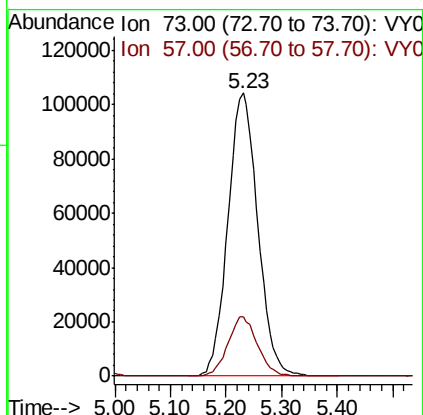
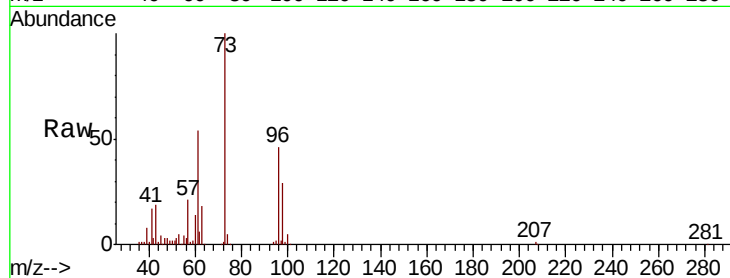




#19
Methyl tert-butyl Ether
Concen: 46.199 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

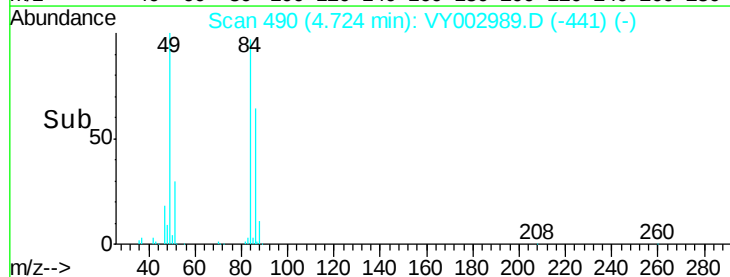
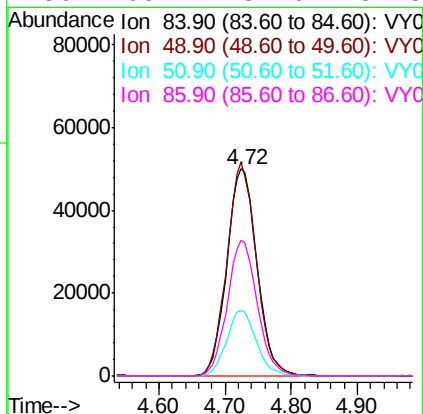
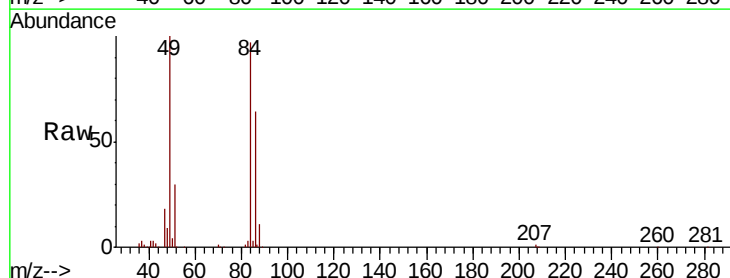
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

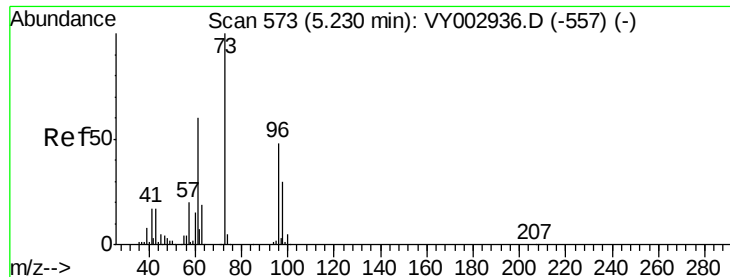
Tot Ion: 73 Resp: 387671
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6



#20
Methylene Chloride
Concen: 41.994 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 84 Resp: 157907
Ion Ratio Lower Upper
84 100
49 103.2 90.0 135.0
51 31.3 27.9 41.9
86 65.7 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 43.603 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

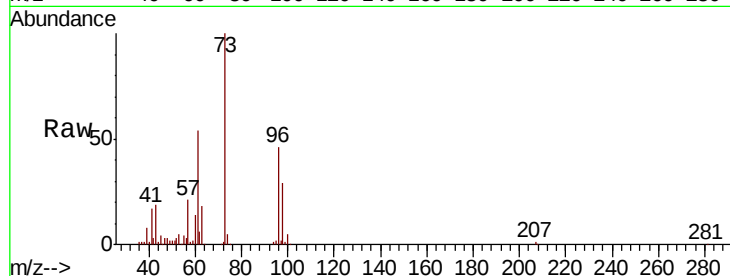
Tot Ion: 96 Resp: 149154

Ion Ratio Lower Upper

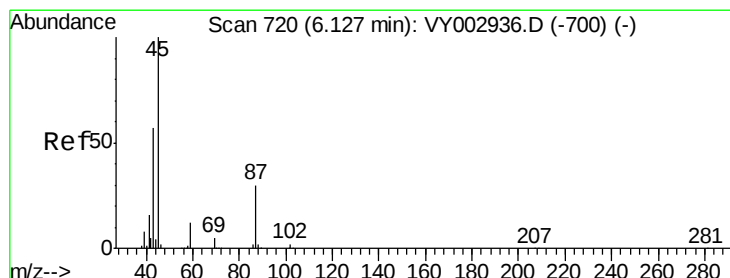
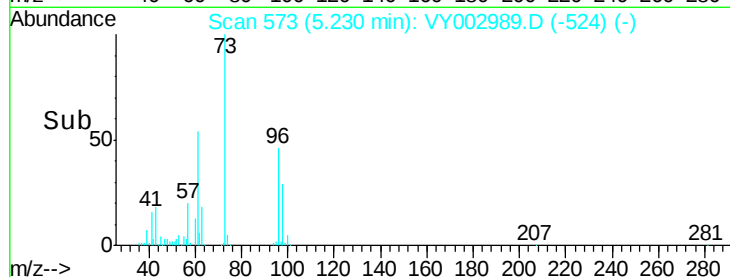
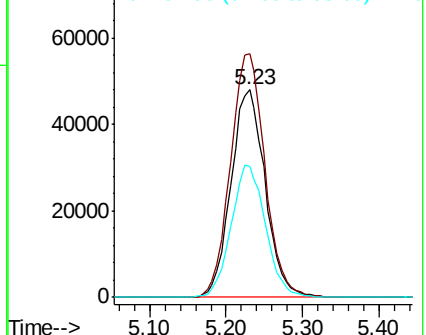
96 100

61 117.3 100.6 150.8

98 63.5 49.8 74.8



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: 41.826 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion: 45 Resp: 379467

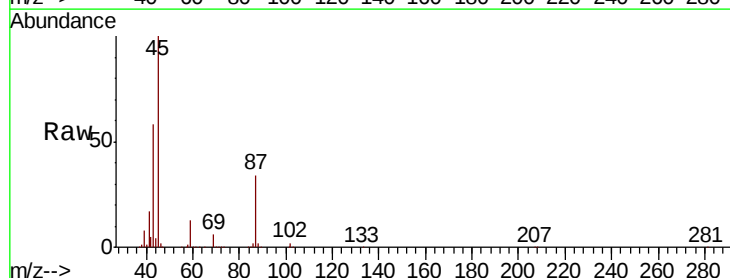
Ion Ratio Lower Upper

45 100

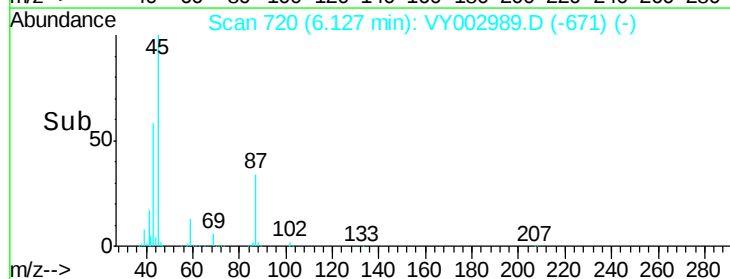
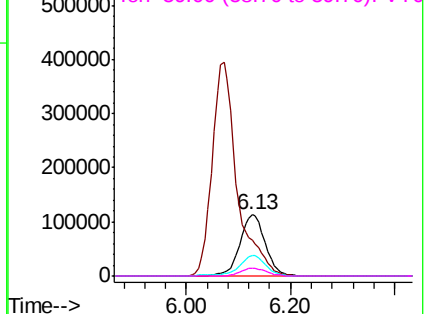
43 58.0 46.2 69.2

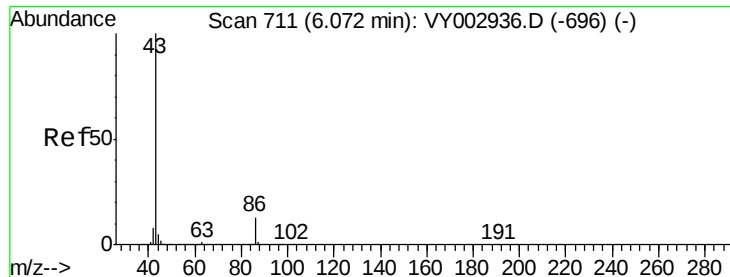
87 34.1 24.9 37.3

59 12.6 9.9 14.9



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: 224.776 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

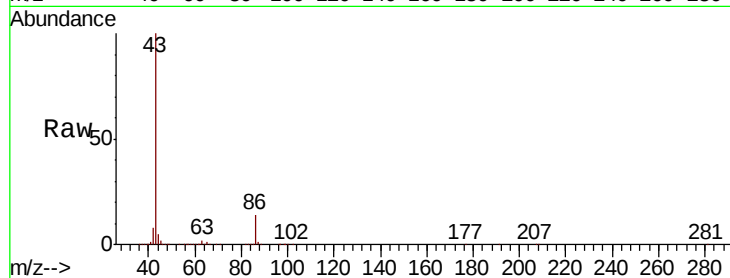
VSTDCCC050EC

Tot Ion: 43 Resp: 1319116

Ion Ratio Lower Upper

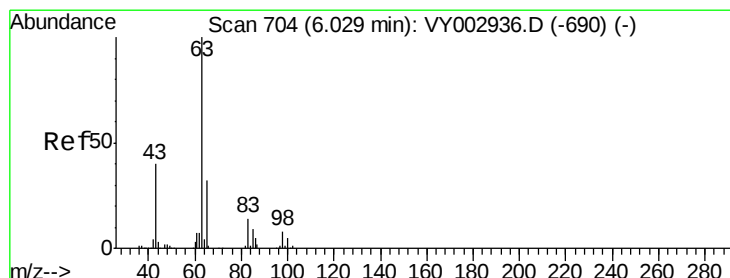
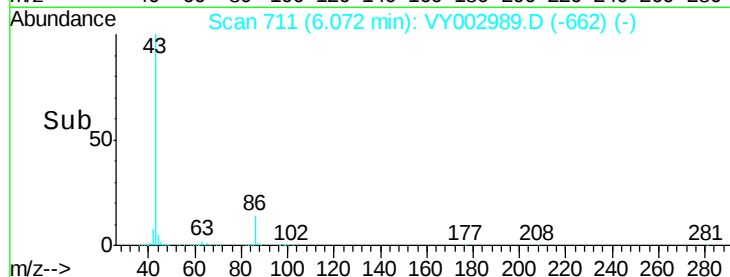
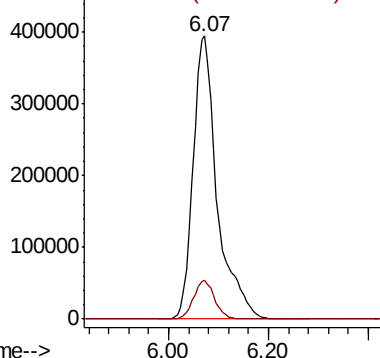
43 100

86 13.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 42.431 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

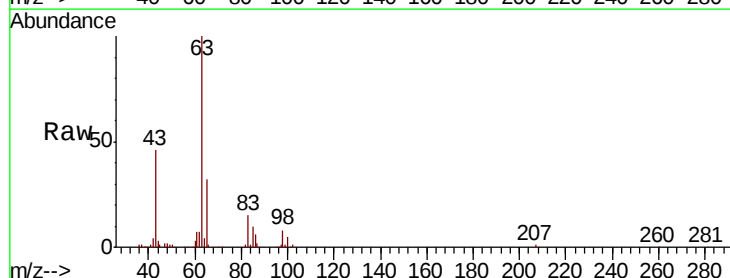
Tgt Ion: 63 Resp: 228053

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

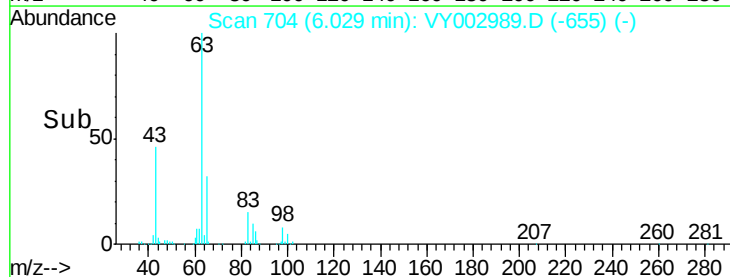
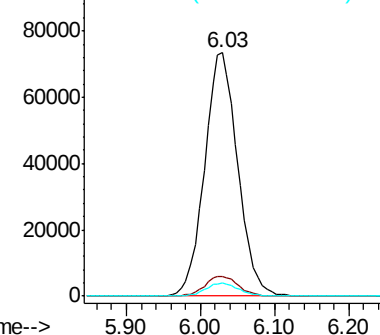
100 5.2 2.5 7.6

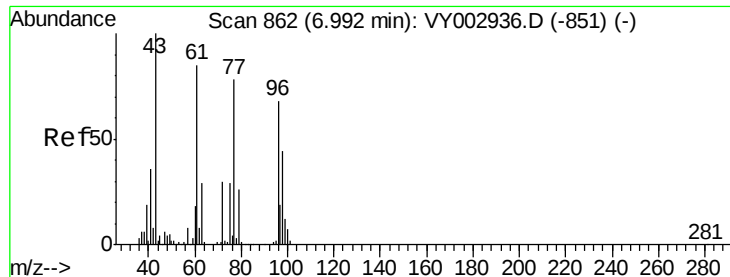


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

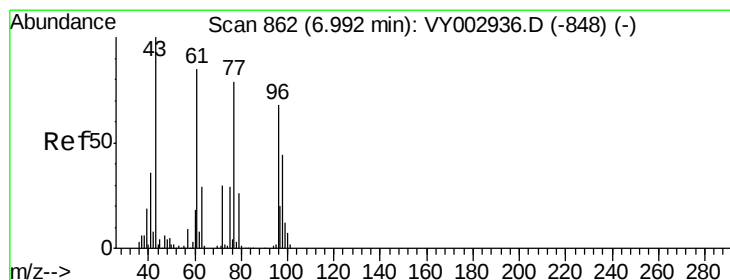
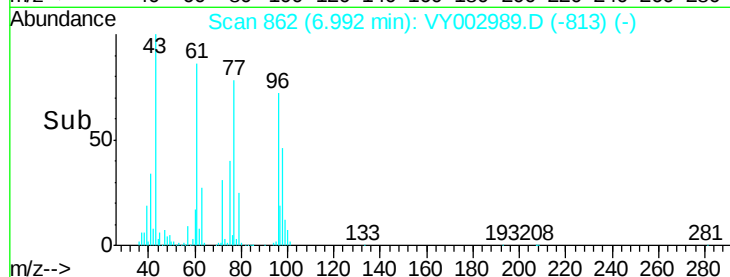
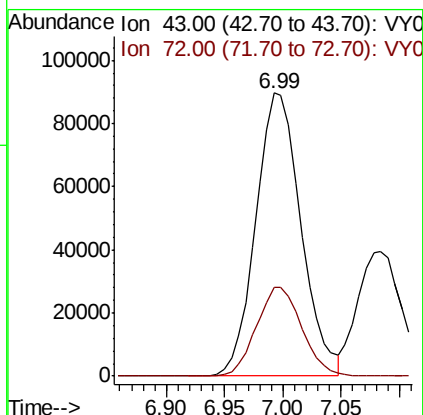
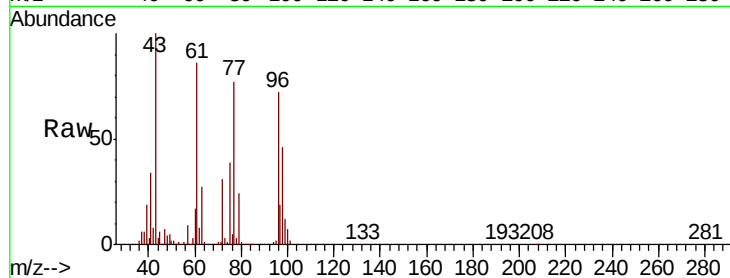




#25
2-Butanone
Concen: 212.861 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

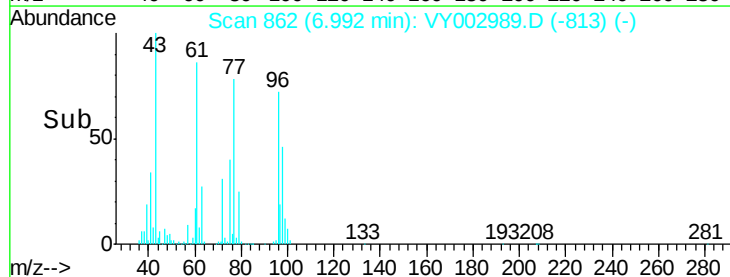
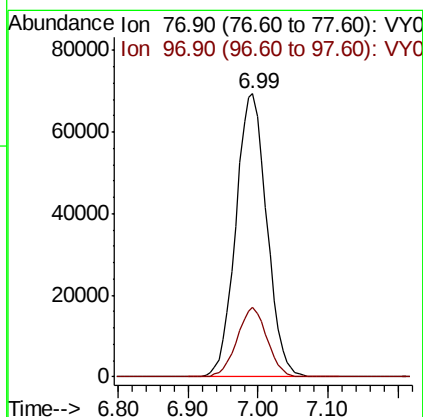
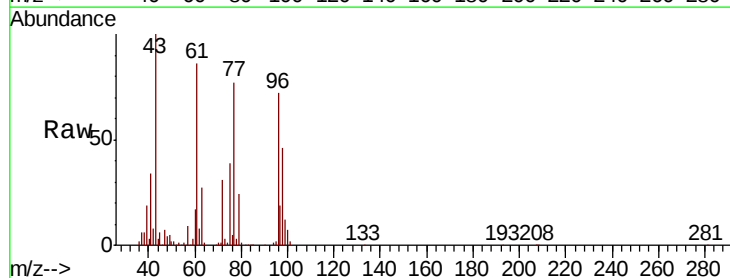
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

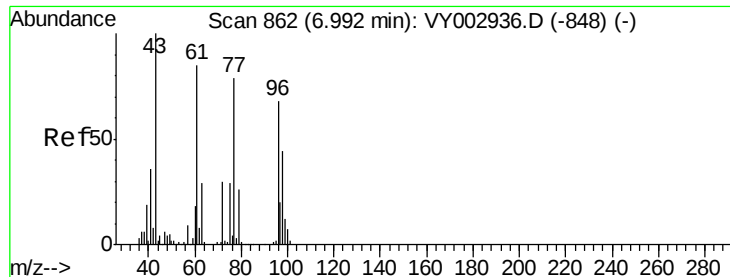
Tot Ion: 43 Resp: 241206
Ion Ratio Lower Upper
43 100
72 31.3 24.2 36.4



#26
2,2-Dichloropropane
Concen: 42.371 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 77 Resp: 212696
Ion Ratio Lower Upper
77 100
97 23.6 12.3 36.9



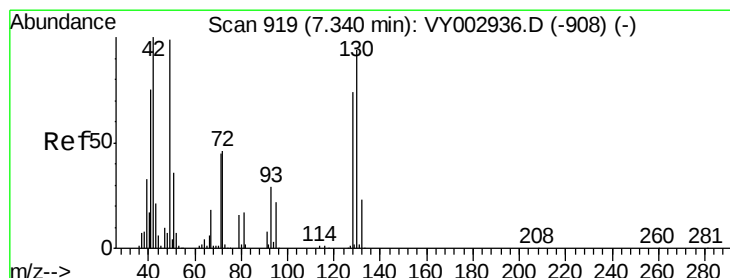
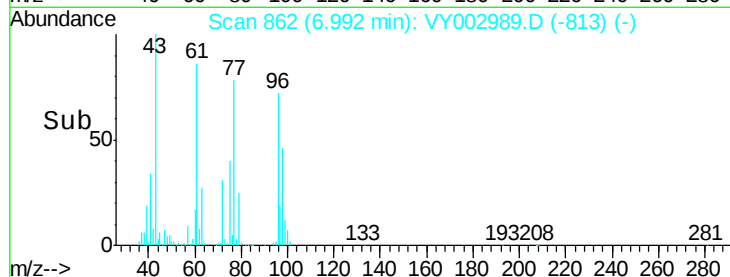
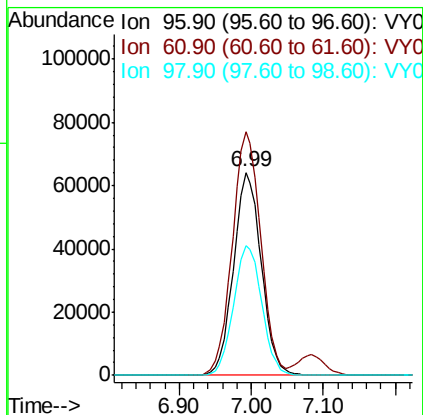
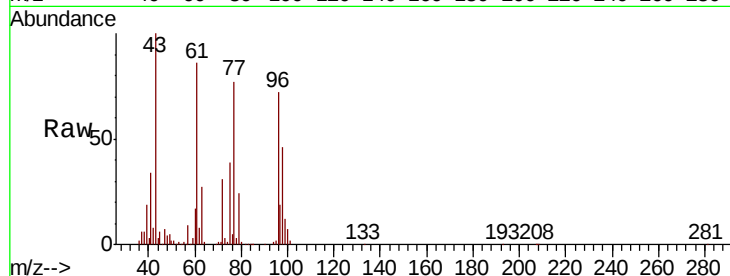


#27

cis-1,2-Dichloroethene
Concen: 44.834 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

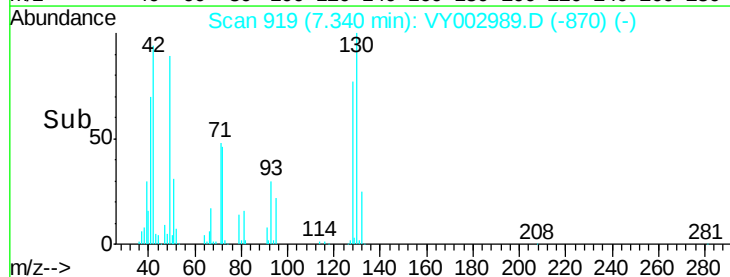
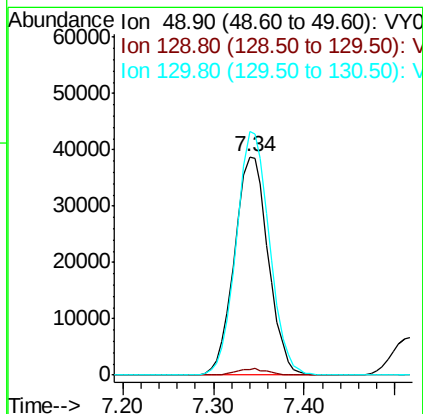
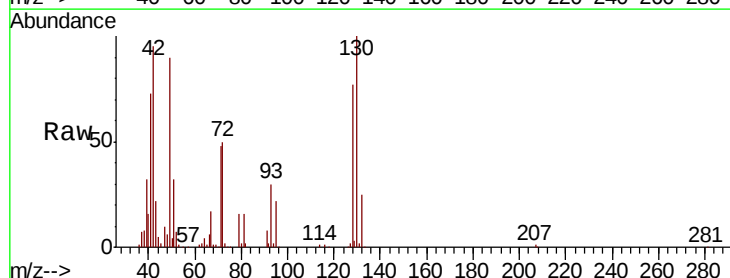
Tot Ion: 96 Resp: 171408
Ion Ratio Lower Upper
96 100
61 123.3 0.0 257.0
98 65.4 0.0 129.8

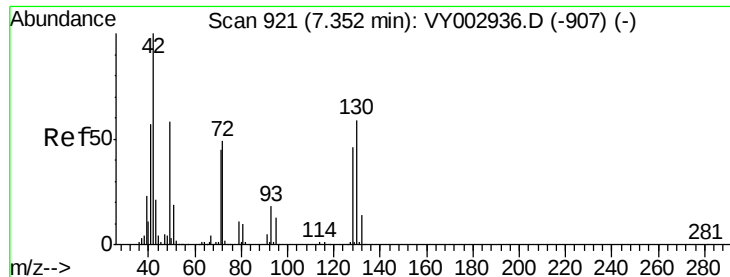


#28

Bromochloromethane
Concen: 44.692 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 49 Resp: 100431
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.0
130 109.4 78.4 117.6

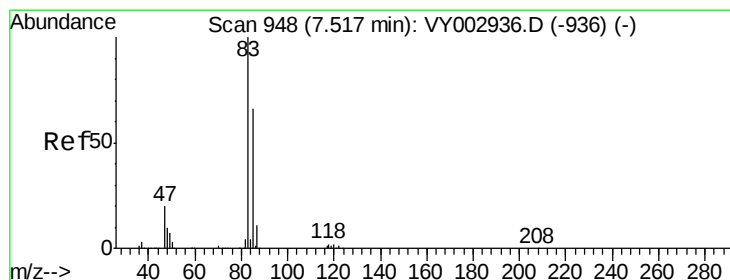
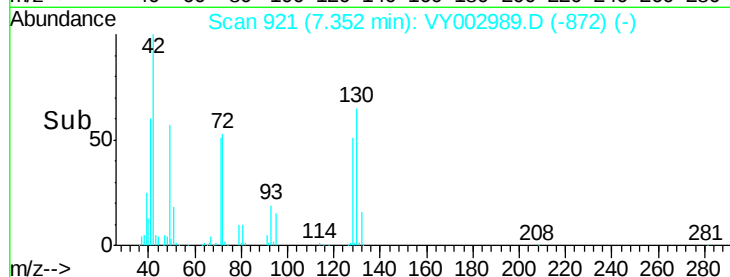
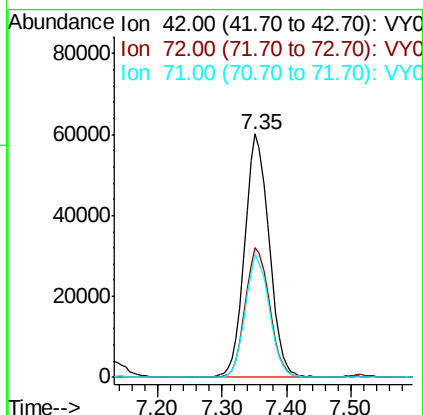
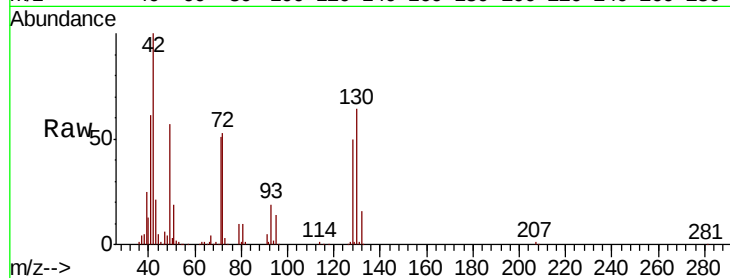




#29
Tetrahydrofuran
Concen: 213.945 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

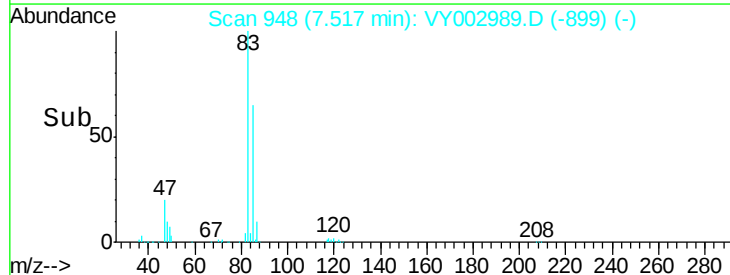
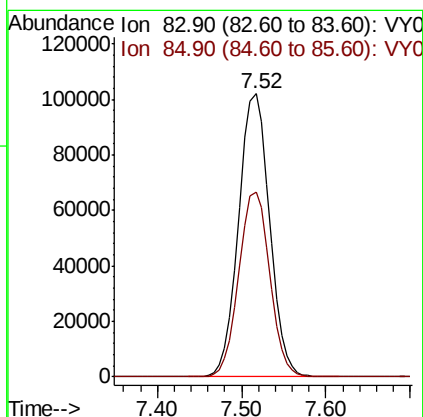
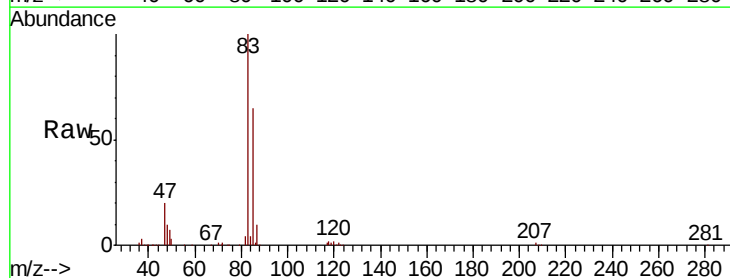
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

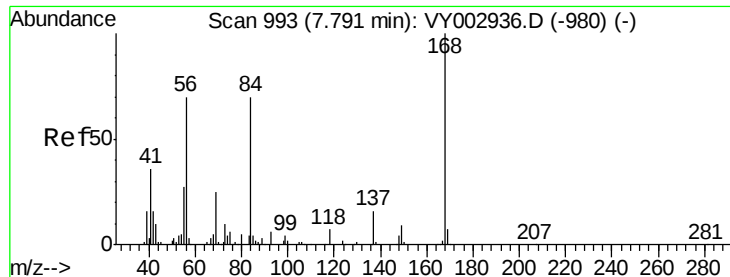
Tot Ion: 42 Resp: 156600
Ion Ratio Lower Upper
42 100
72 53.0 39.1 58.7
71 49.4 36.4 54.6



#30
Chloroform
Concen: 45.028 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 83 Resp: 253472
Ion Ratio Lower Upper
83 100
85 65.4 53.1 79.7

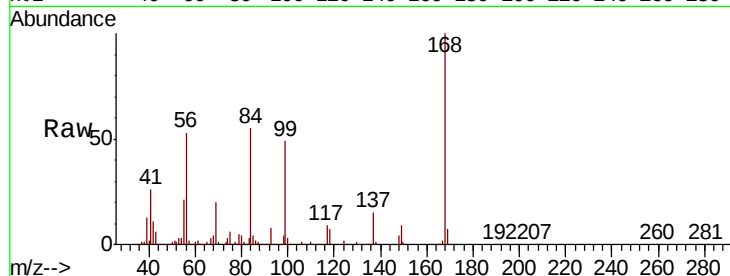




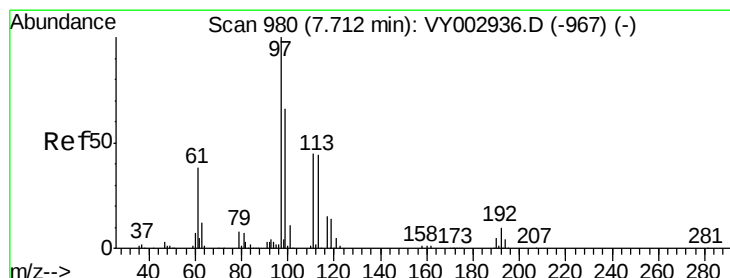
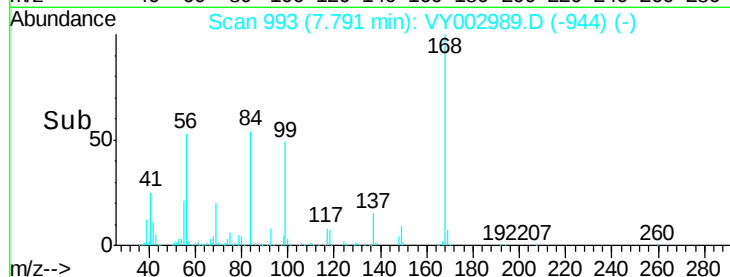
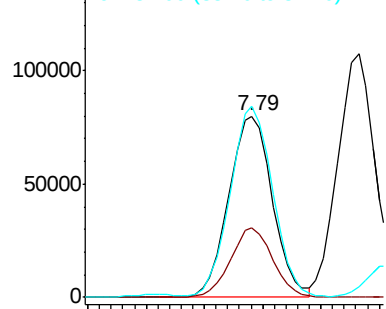
#31
Cyclohexane
Concen: 39.611 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 207670
Ion Ratio Lower Upper
56 100
69 38.4 28.9 43.3
84 103.3 80.1 120.1

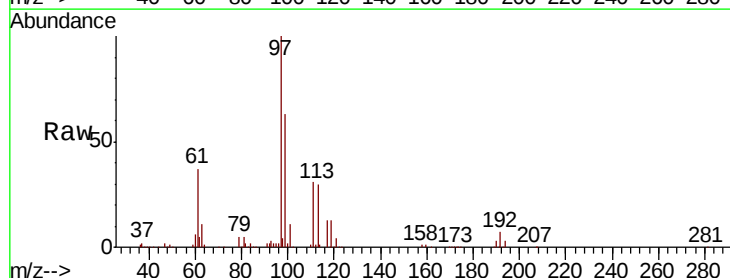


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

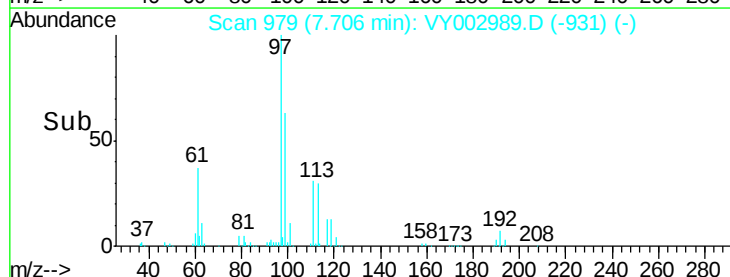
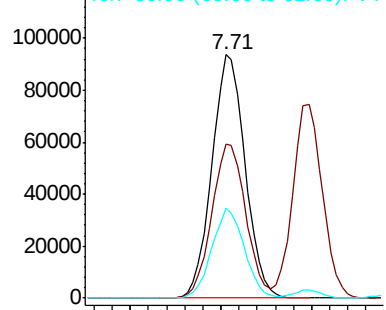


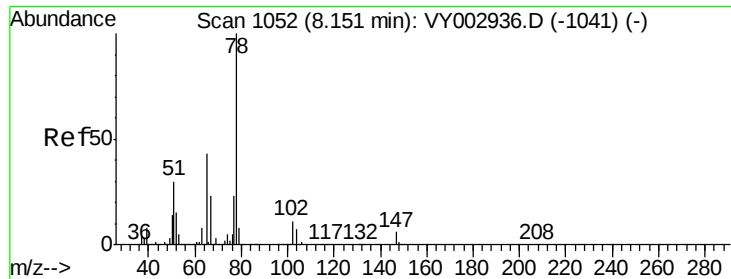
#32
1,1,1-Trichloroethane
Concen: 45.765 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 97 Resp: 237384
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 36.3 30.3 45.5



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

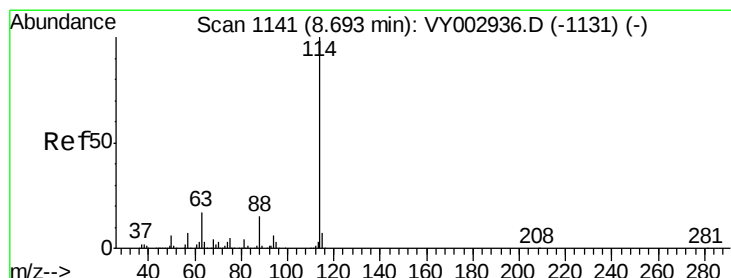
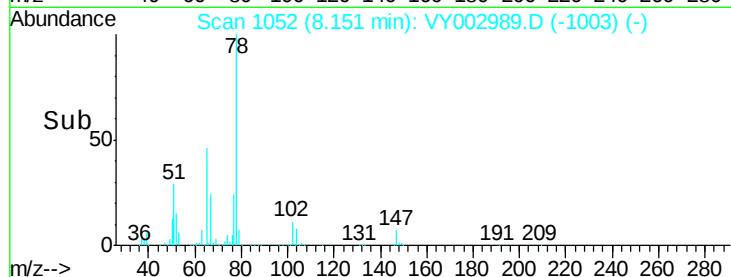
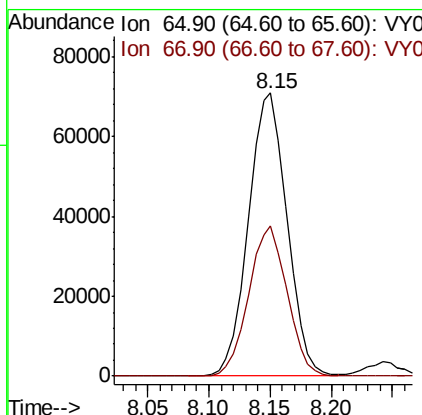
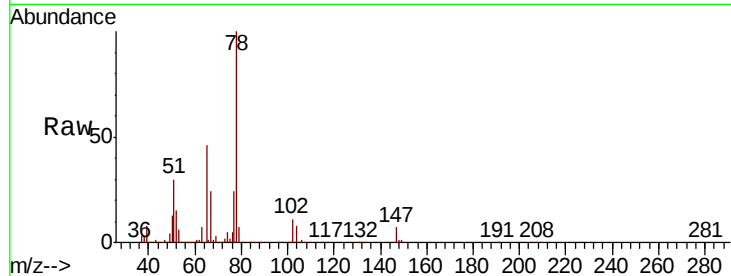




#33
 1,2-Dichloroethane-d4
 Concen: 51.028 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

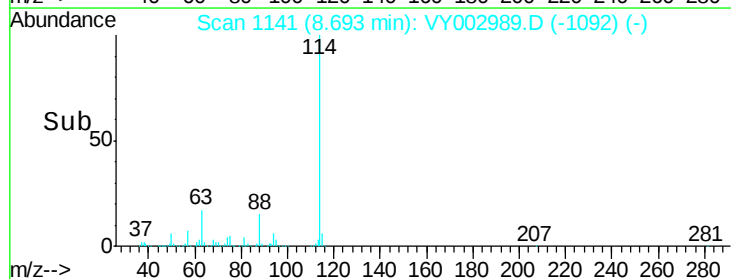
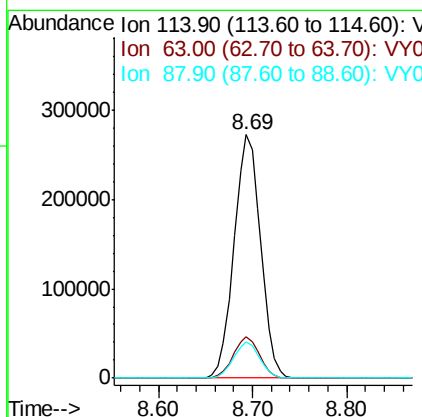
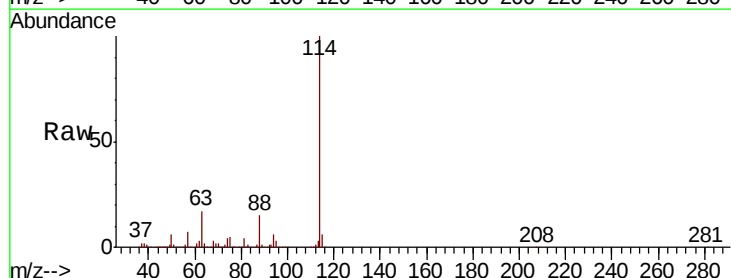
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

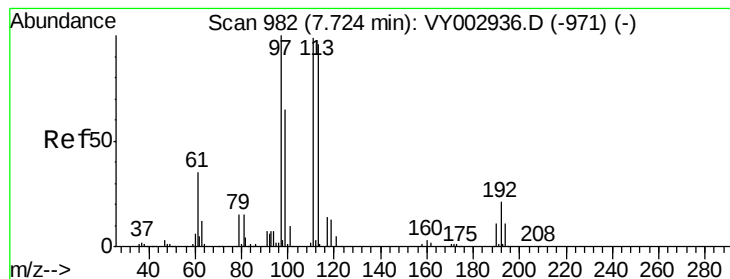
Tot Ion: 65 Resp: 155799
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 114 Resp: 533220
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.6
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 52.130 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

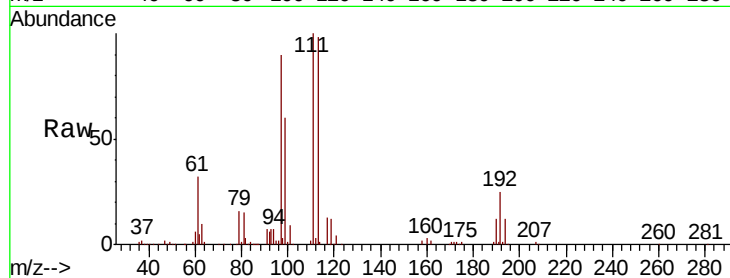
Tot Ion:113 Resp: 157280

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

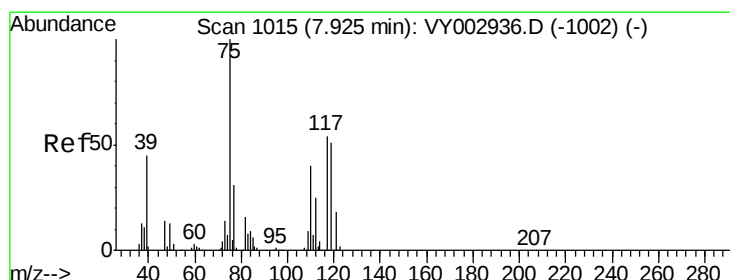
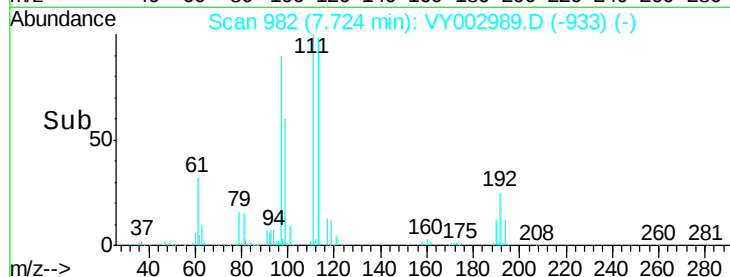
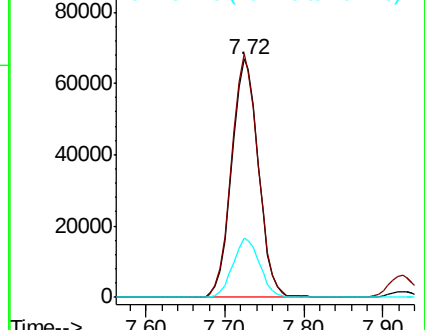
192 24.9 19.2 28.8



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: 43.674 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

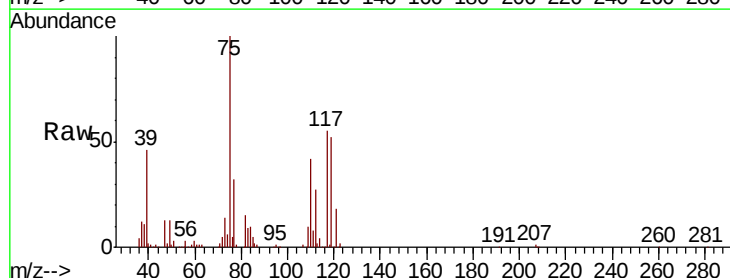
Tgt Ion: 75 Resp: 189130

Ion Ratio Lower Upper

75 100

110 40.7 19.7 59.0

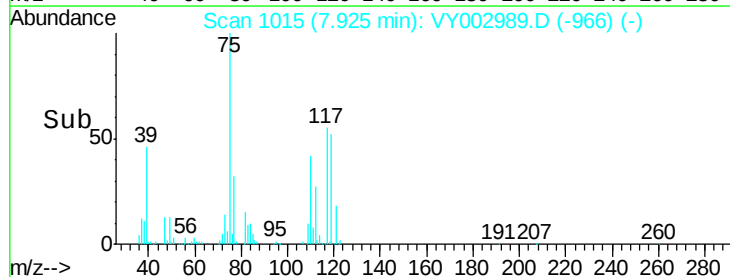
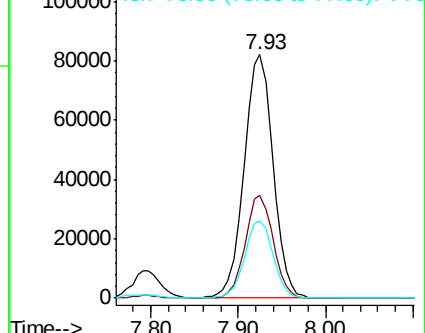
77 31.4 25.0 37.4

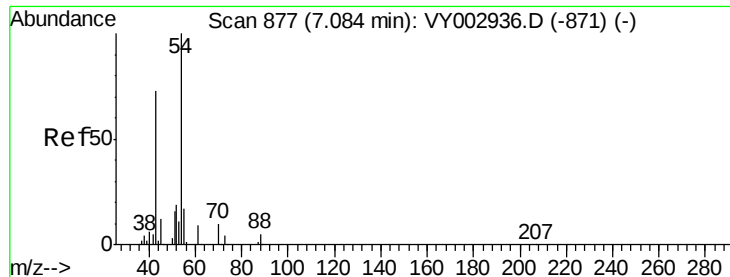


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

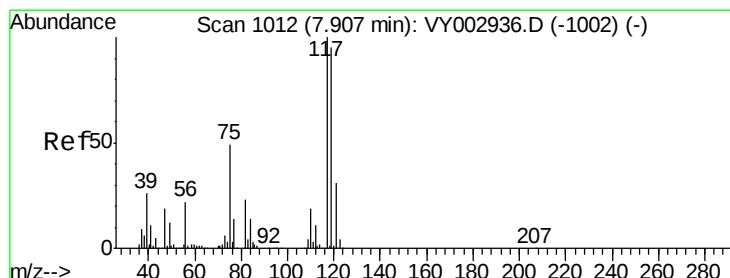
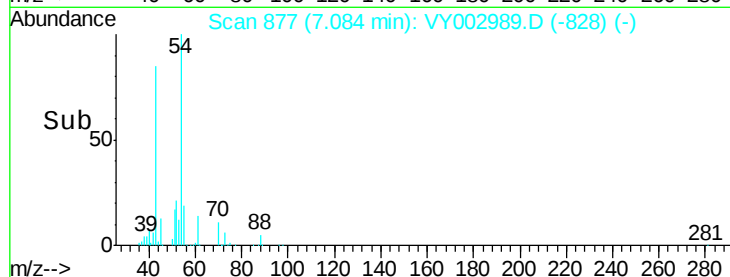
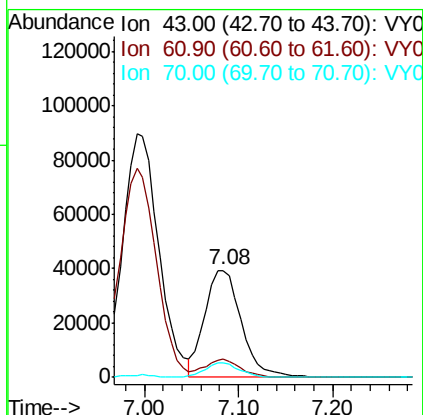
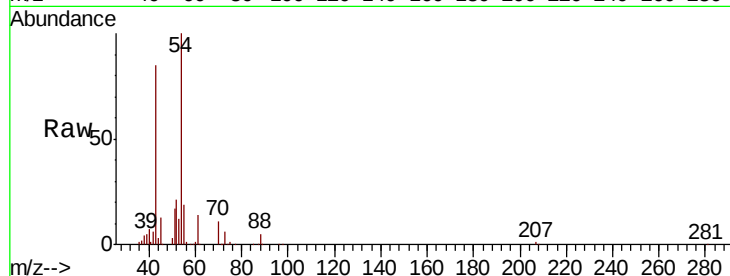




#37
Ethyl Acetate
Concen: 44.172 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

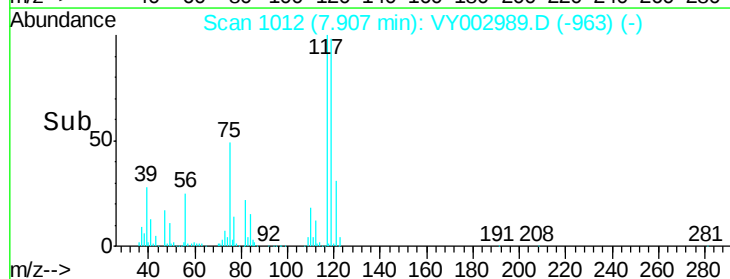
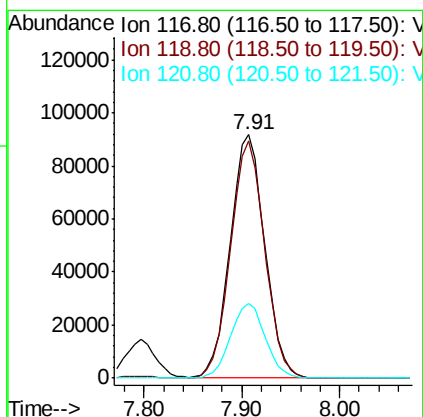
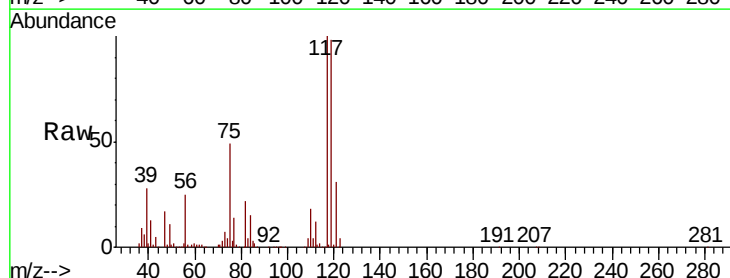
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

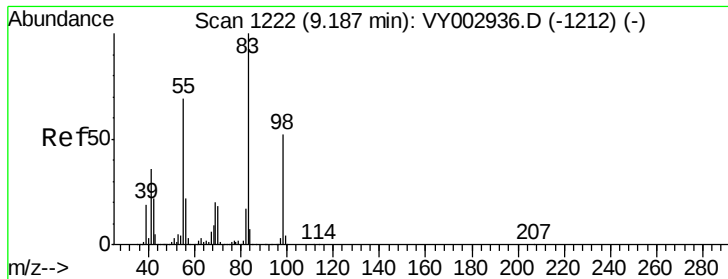
Tot Ion: 43 Resp: 106217
Ion Ratio Lower Upper
43 100
61 15.6 12.3 18.5
70 12.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 47.197 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 117 Resp: 225243
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1
121 30.9 24.8 37.2

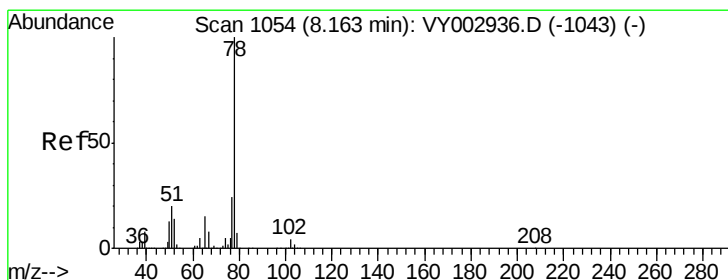
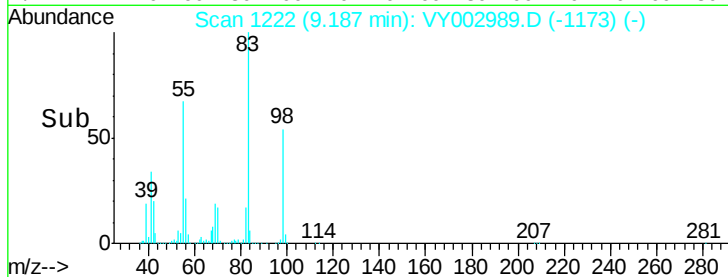
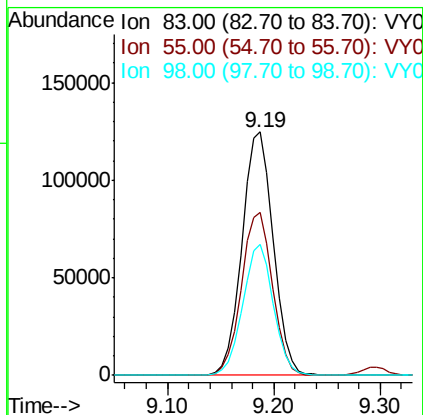
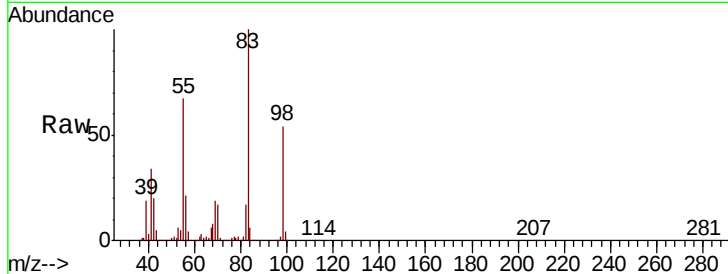




#39
Methvlcvclohexane
Concen: 44.990 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

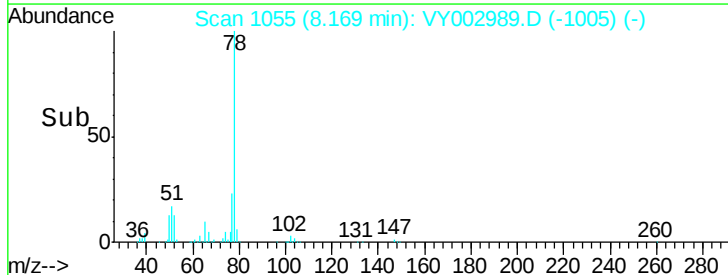
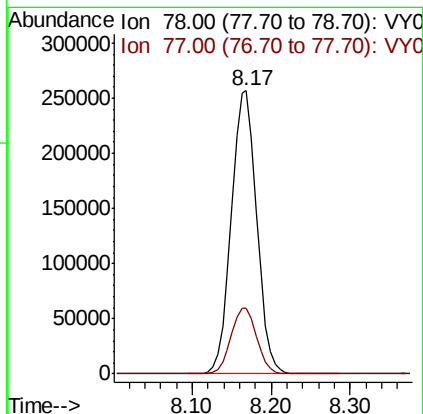
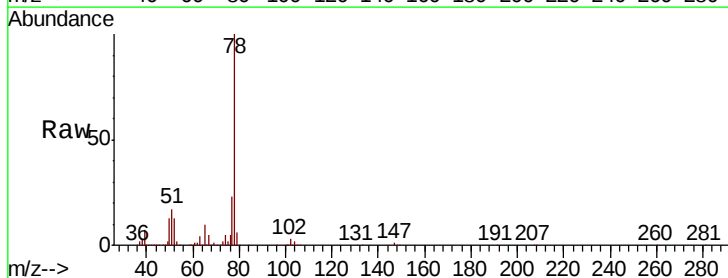
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

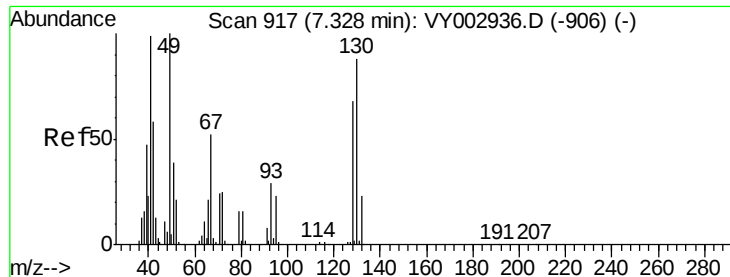
Tot Ion: 83 Resp: 256822
Ion Ratio Lower Upper
83 100
55 67.0 55.0 82.4
98 53.8 41.4 62.2



#40
Benzene
Concen: 44.461 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 78 Resp: 573220
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

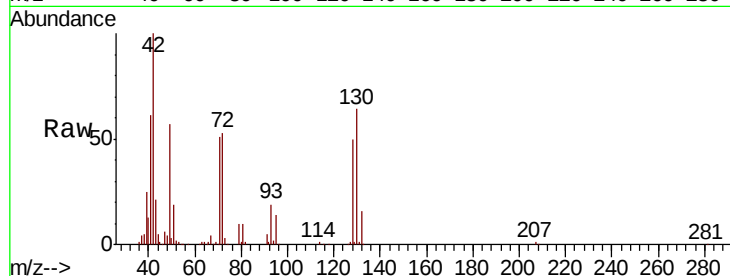




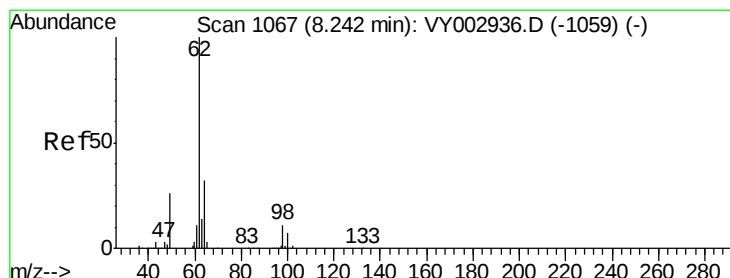
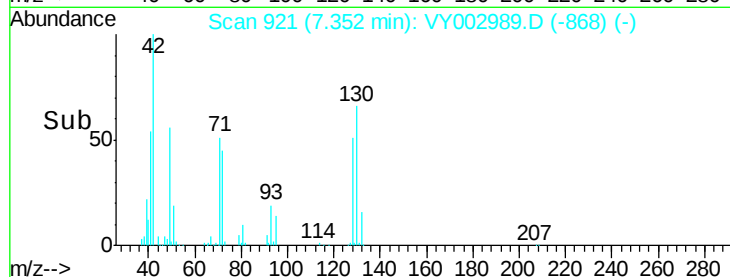
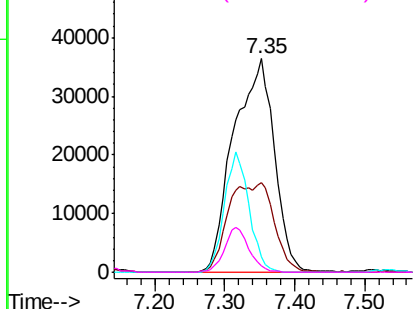
#41
Methacrylonitrile
Concen: 122.134 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 147031
Ion Ratio Lower Upper
41 100
39 0.0 96.6 144.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

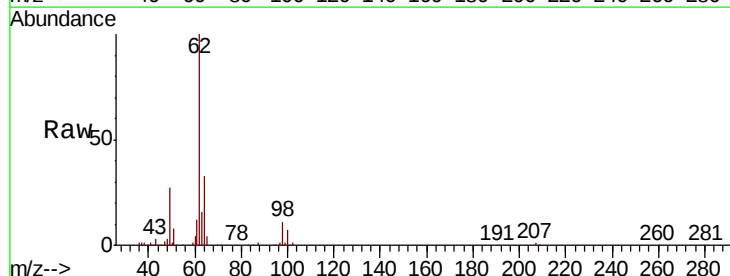


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

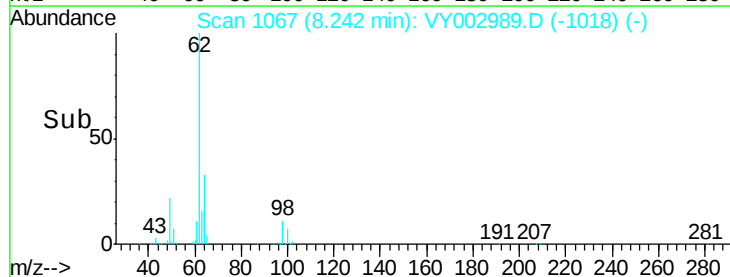
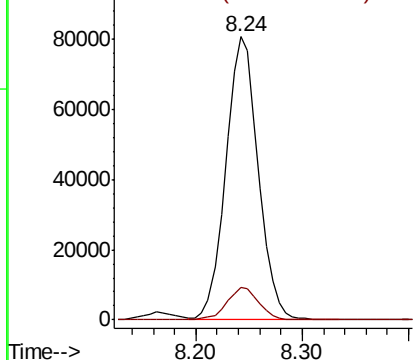


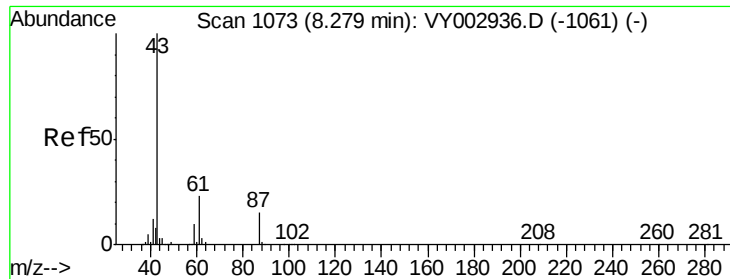
#42
1,2-Dichloroethane
Concen: 47.944 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 62 Resp: 171559
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 46.529 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

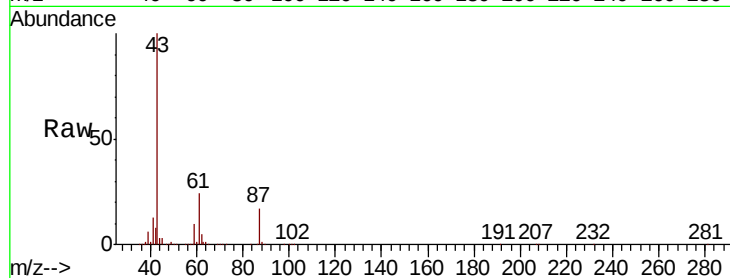
Tot Ion: 43 Resp: 208347

Ion Ratio Lower Upper

43 100

61 31.0 25.0 37.4

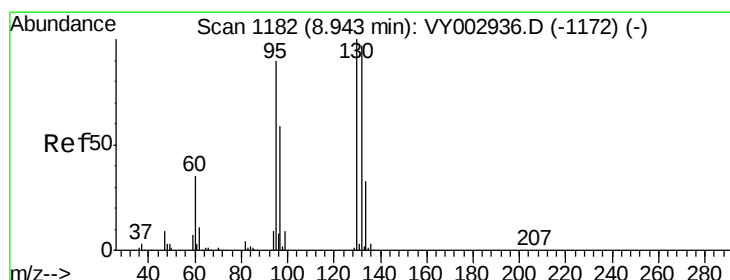
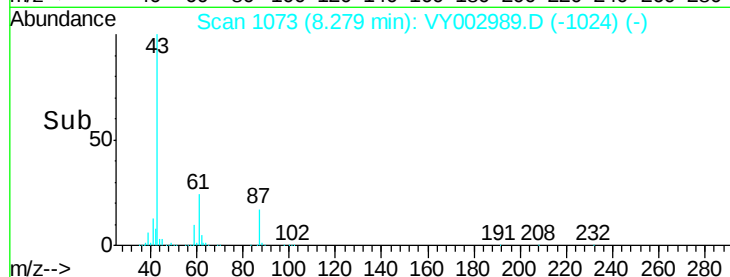
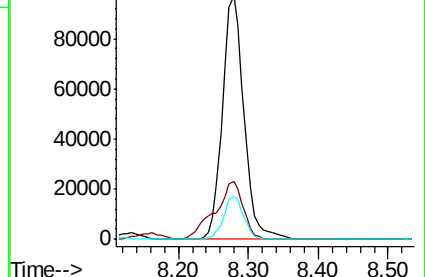
87 16.6 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002989.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002989.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002989.D (-1024) (-)



#44

Trichloroethene

Concen: 47.508 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002989.D

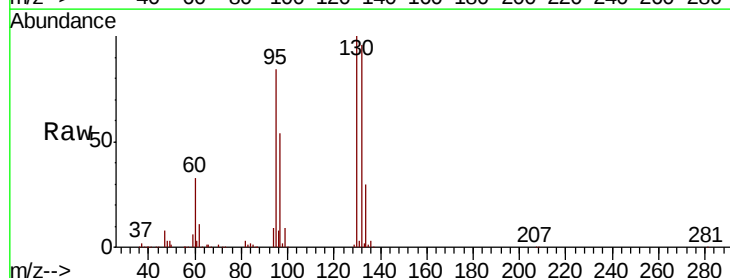
Acq: 22 Jun 2020 21:19

Tgt Ion: 130 Resp: 189727

Ion Ratio Lower Upper

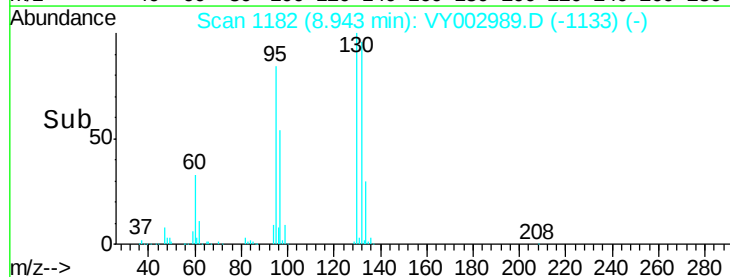
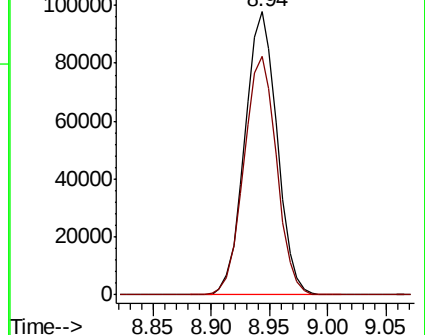
130 100

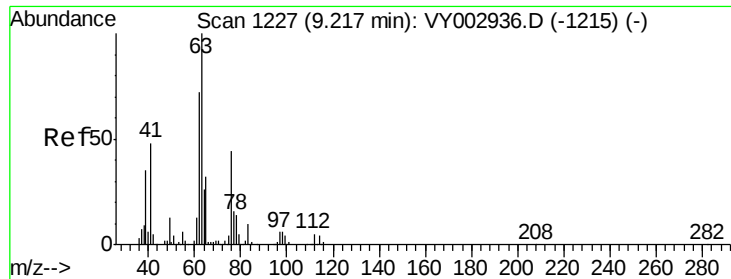
95 84.3 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002989.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002989.D (-1133) (-)

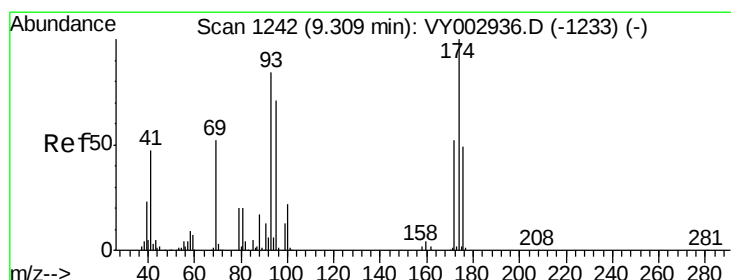
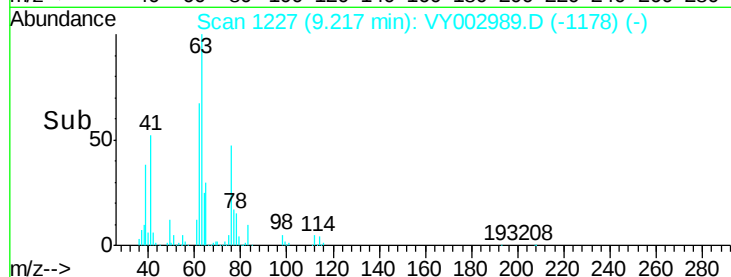
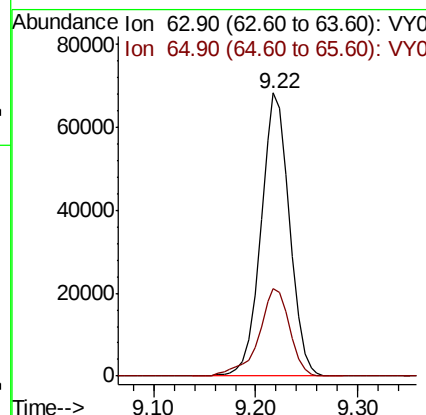
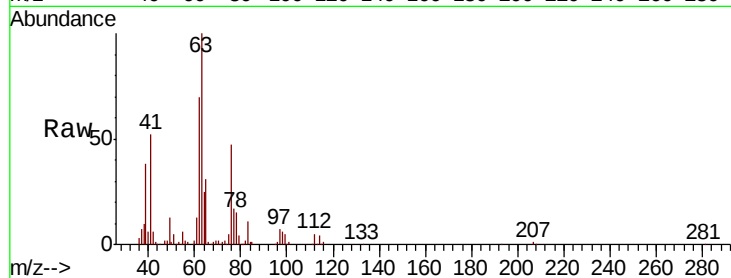




#45
 1,2-Dichloropropane
 Concen: 42.823 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

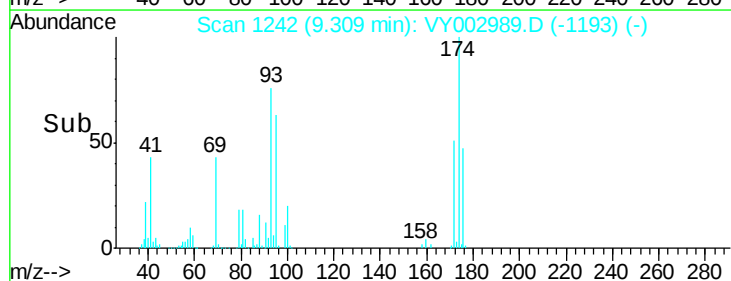
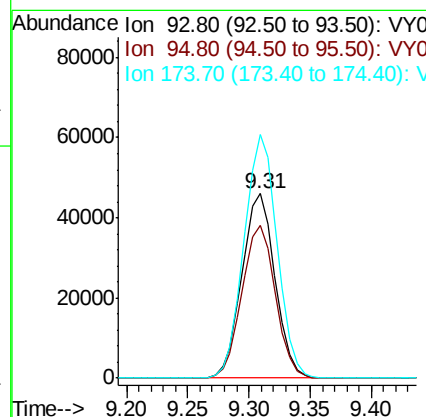
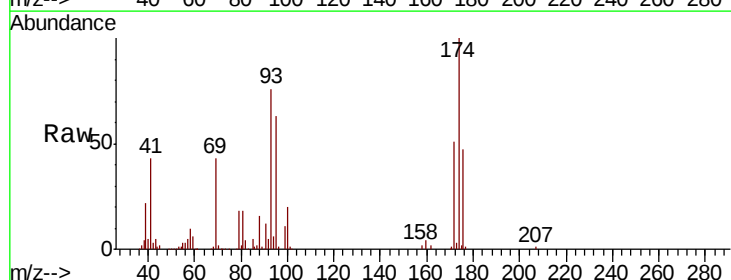
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

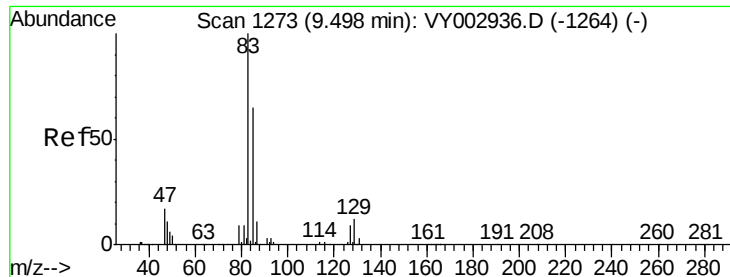
Tot Ion: 63 Resp: 132771
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.5 38.3



#46
 Dibromomethane
 Concen: 46.740 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 93 Resp: 86527
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 131.9 95.1 142.7





#47

Bromodichloromethane

Concen: 47.410 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

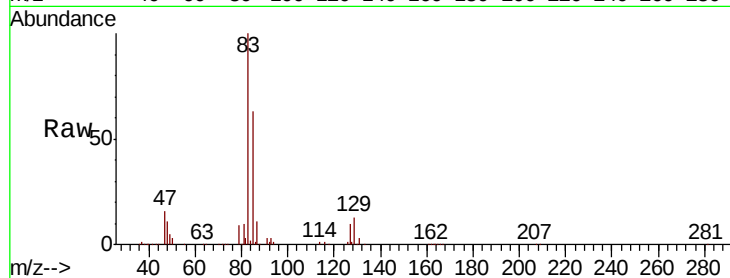
Tot Ion: 83 Resp: 204909

Ion Ratio Lower Upper

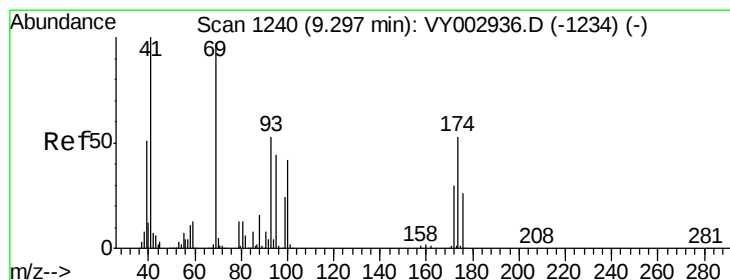
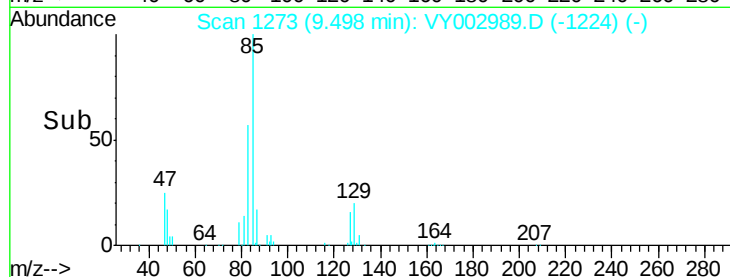
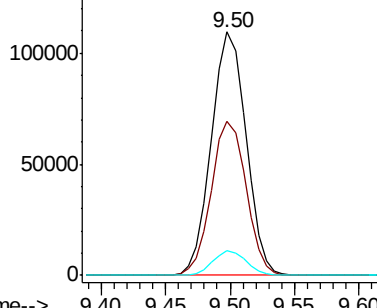
83 100

85 63.2 51.9 77.9

127 10.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 46.350 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

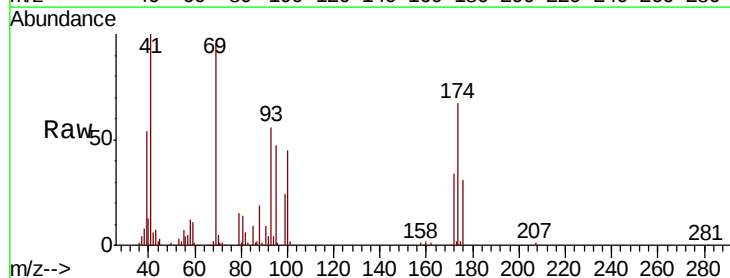
Tgt Ion: 41 Resp: 93127

Ion Ratio Lower Upper

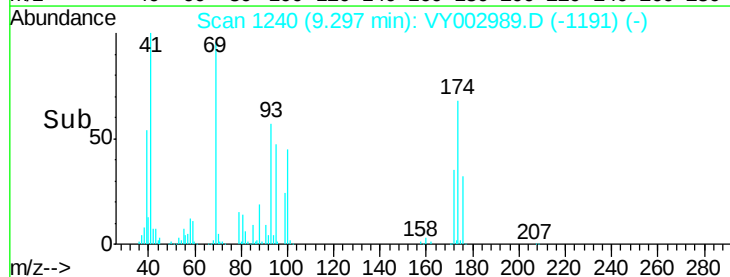
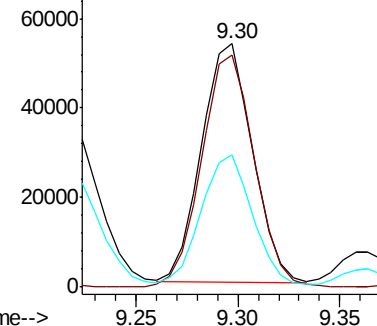
41 100

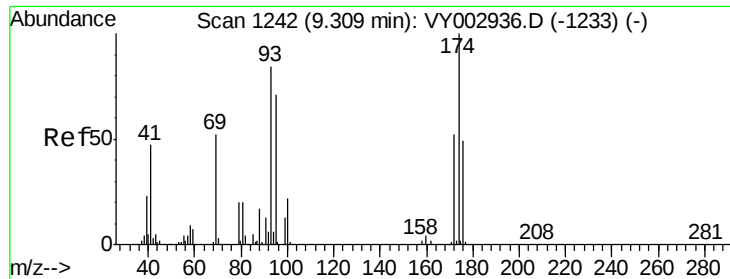
69 99.7 79.4 119.0

39 56.5 41.1 61.7



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

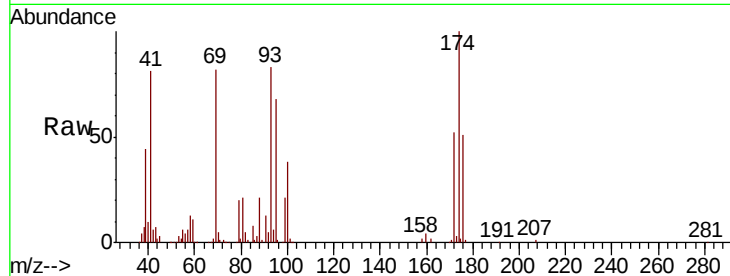




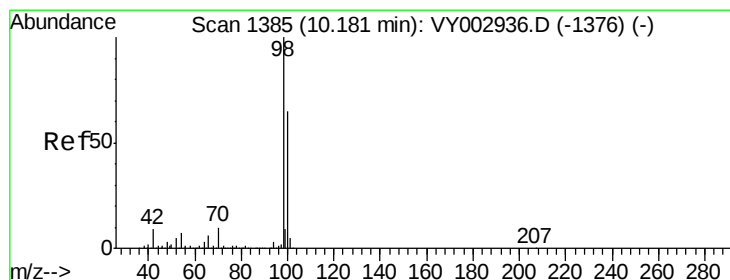
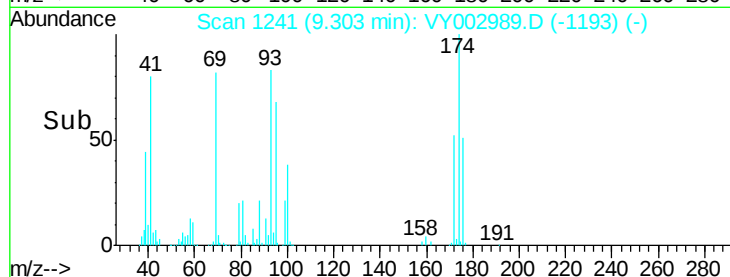
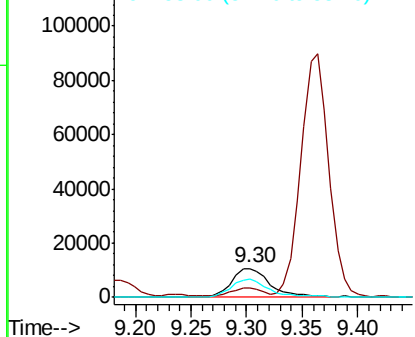
#49
1,4-Dioxane
Concen: 948.798 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 25743
Ion Ratio Lower Upper
88 100
43 22.9 21.0 31.6
58 65.4 51.5 77.3

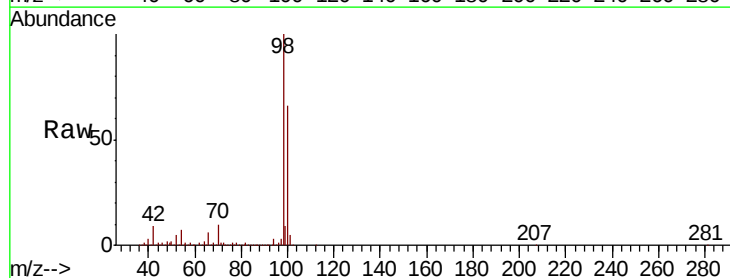


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

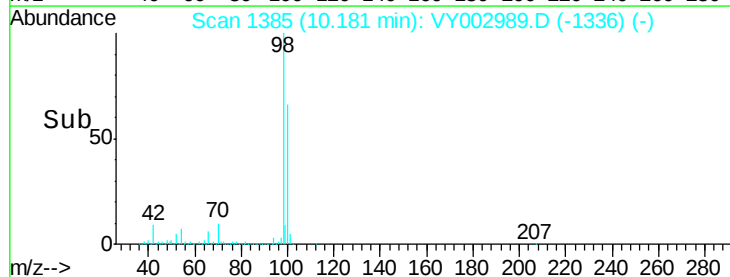
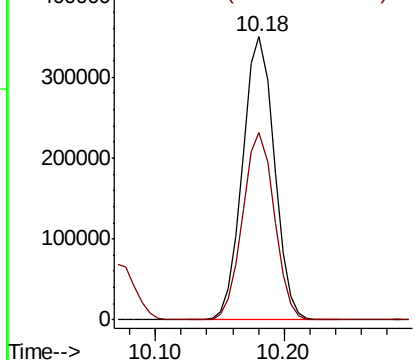


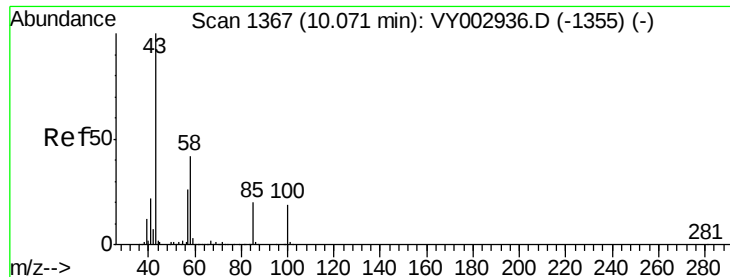
#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 98 Resp: 596512
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 225.144 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

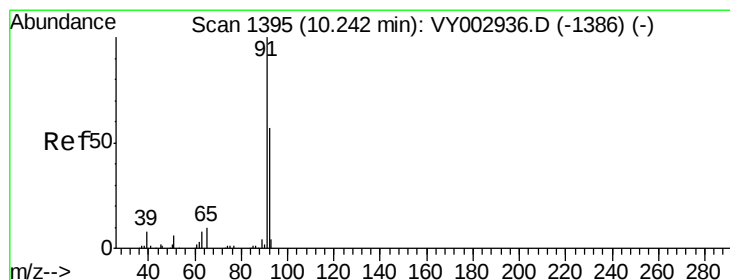
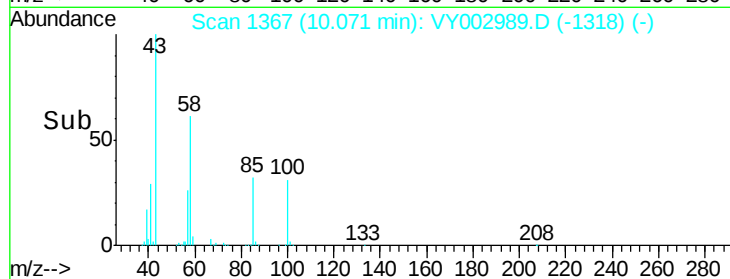
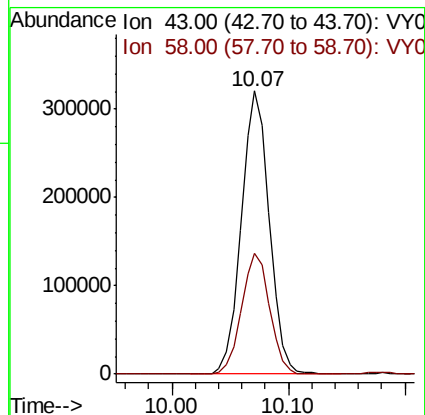
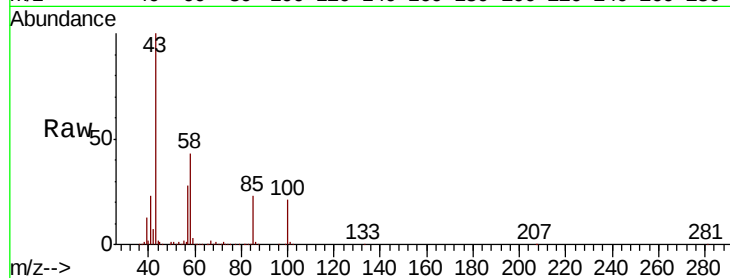
VSTDCCC050EC

Tot Ion: 43 Resp: 534233

Ion Ratio Lower Upper

43 100

58 43.1 33.9 50.9



#52

Toluene

Concen: 49.121 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002989.D

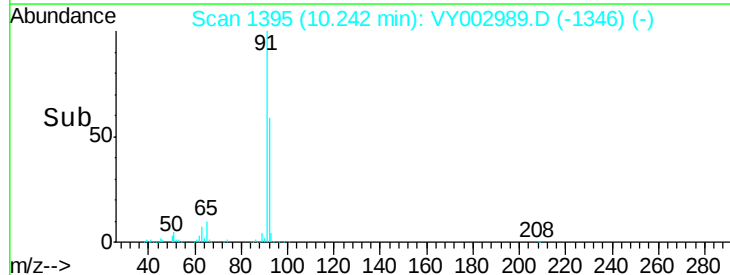
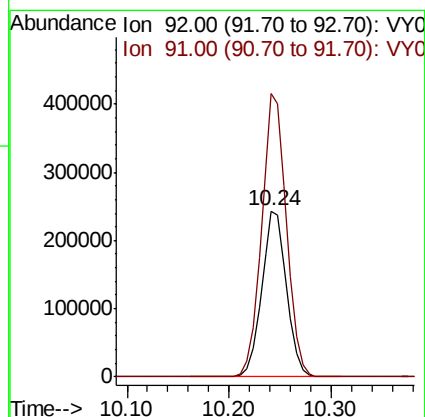
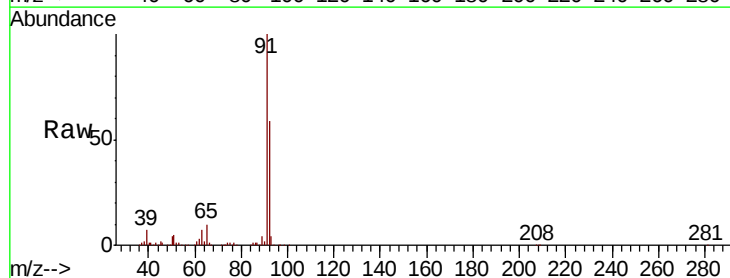
Acq: 22 Jun 2020 21:19

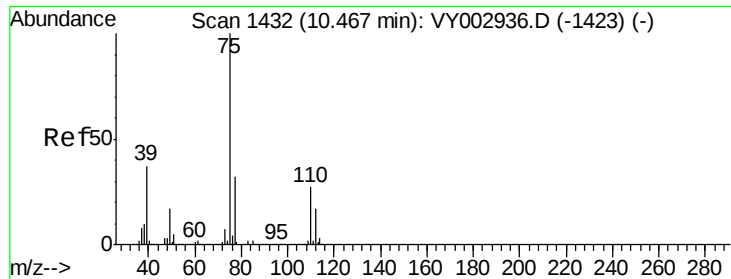
Tgt Ion: 92 Resp: 409867

Ion Ratio Lower Upper

92 100

91 170.7 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 46.847 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

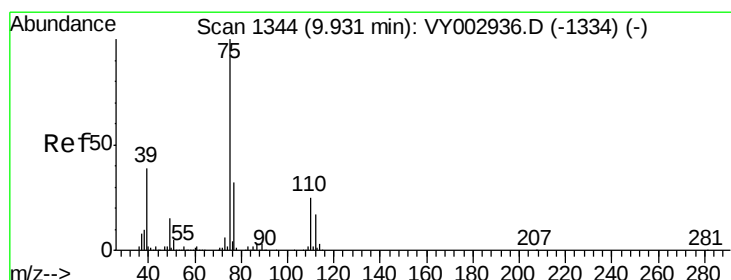
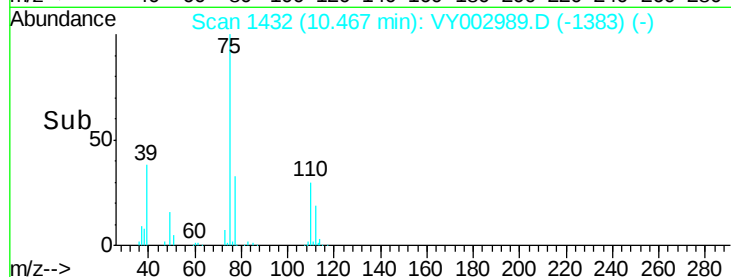
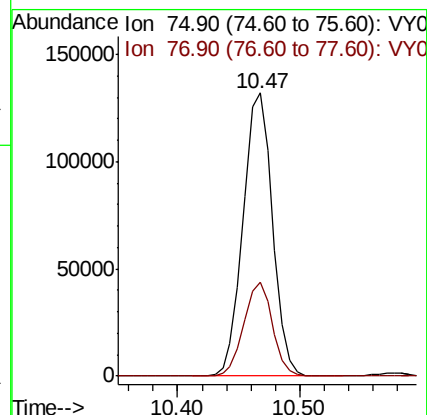
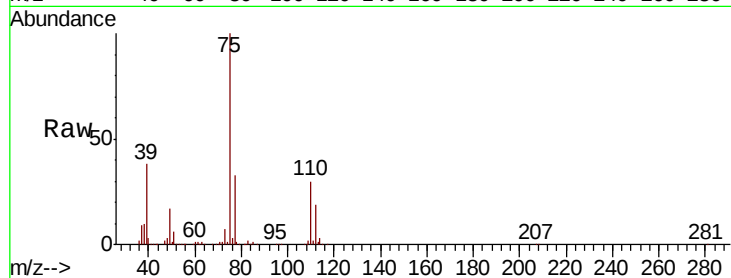
VSTDCCC050EC

Tot Ion: 75 Resp: 220055

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 45.659 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

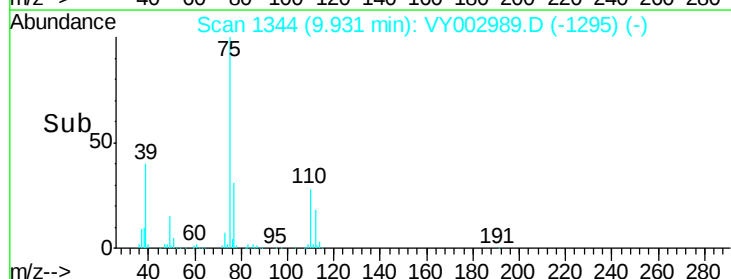
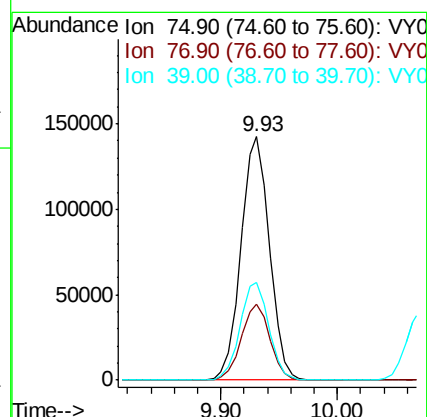
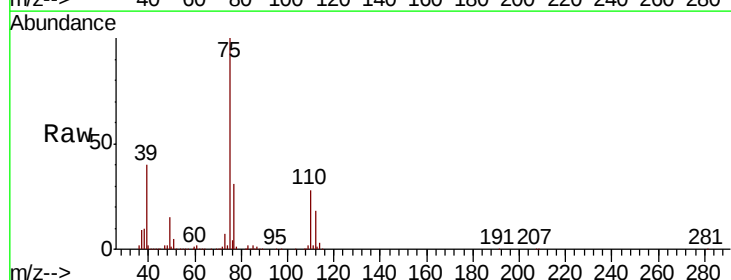
Tgt Ion: 75 Resp: 242772

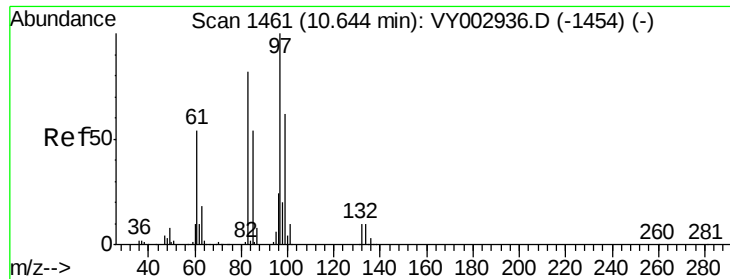
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 40.0 31.4 47.0

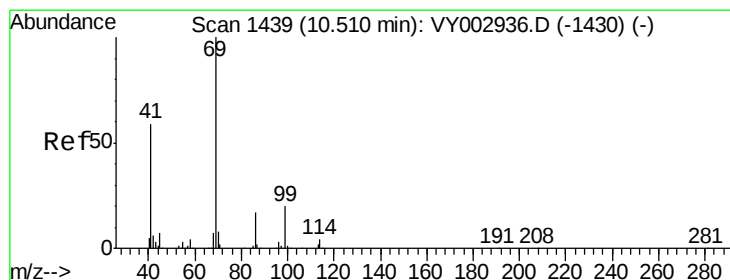
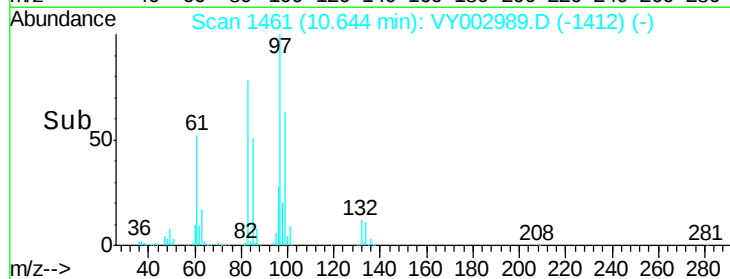
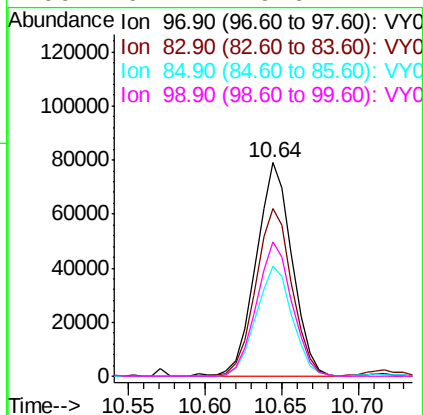
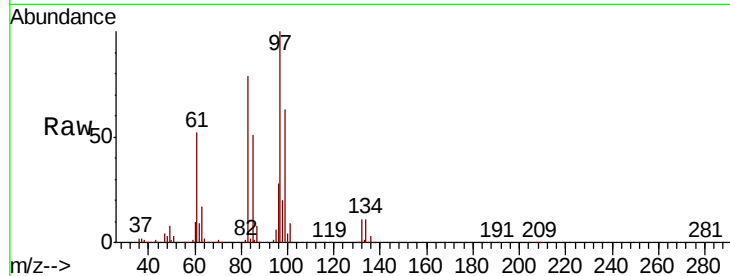




#55
 1,1,2-Trichloroethane
 Concen: 47.025 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

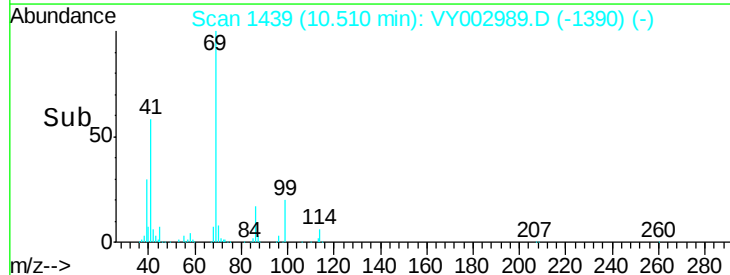
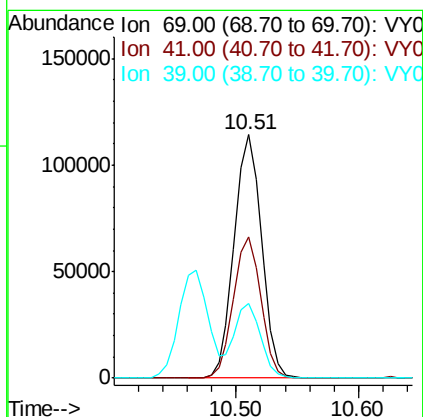
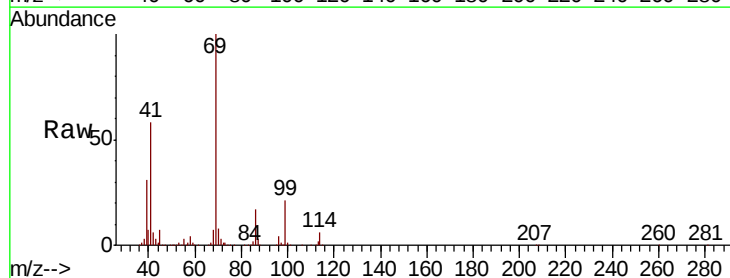
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

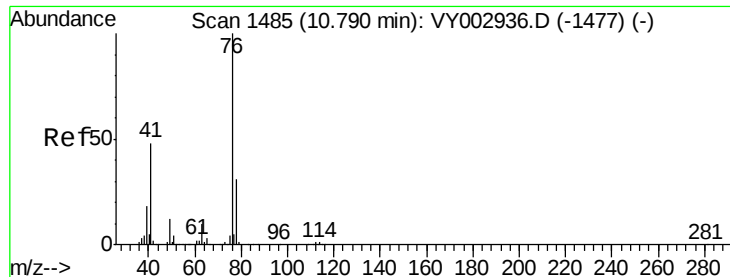
Tot Ion:	97	Resp:	129824
Ion	Ratio	Lower	Upper
97	100		
83	78.4	65.9	98.9
85	51.3	43.1	64.7
99	62.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 47.715 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion:	69	Resp:	177569
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.4	69.6
39	30.3	21.4	32.0





#57

1,3-Dichloropropane

Concen: 45.702 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

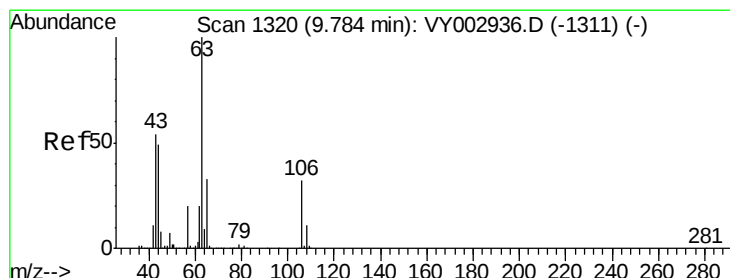
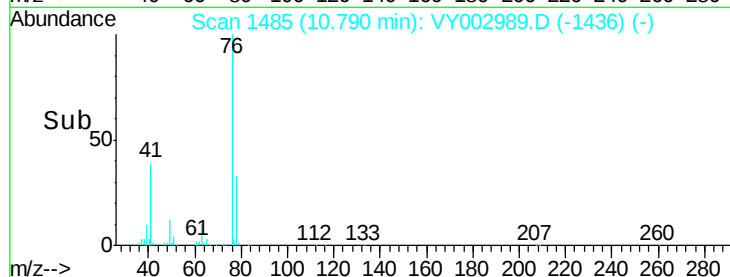
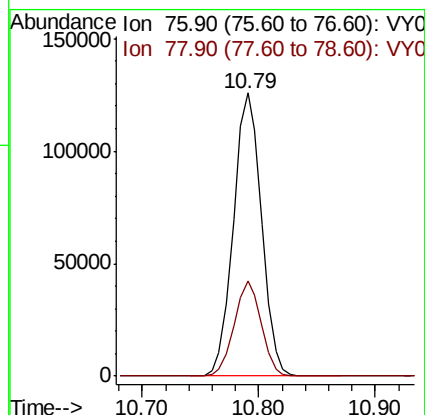
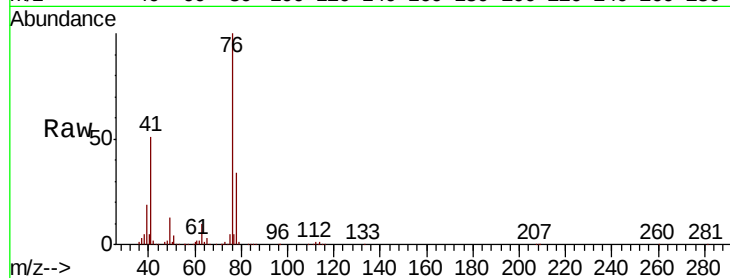
VSTDCCC050EC

Tot Ion: 76 Resp: 210396

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 240.726 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002989.D

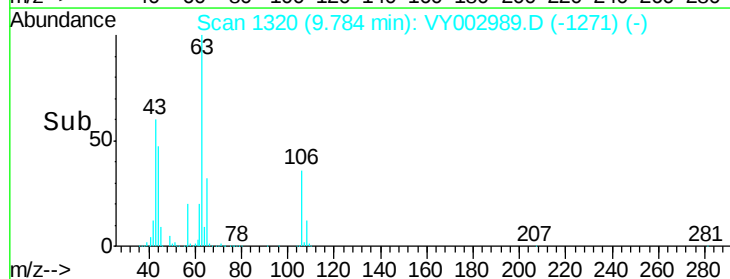
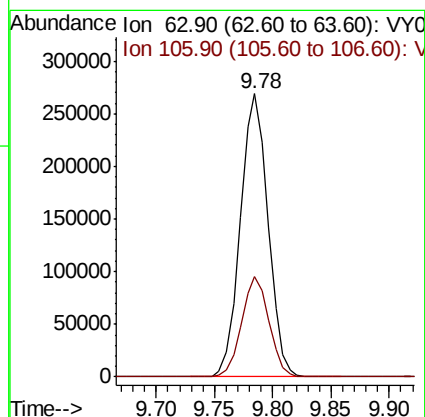
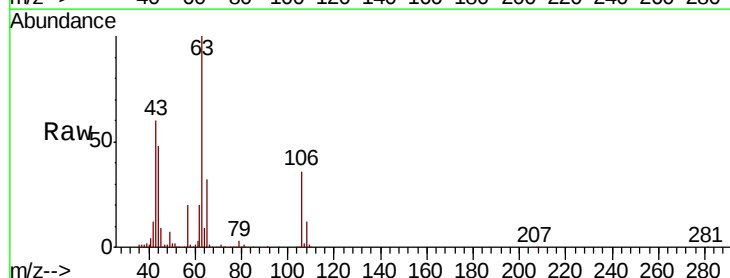
Acq: 22 Jun 2020 21:19

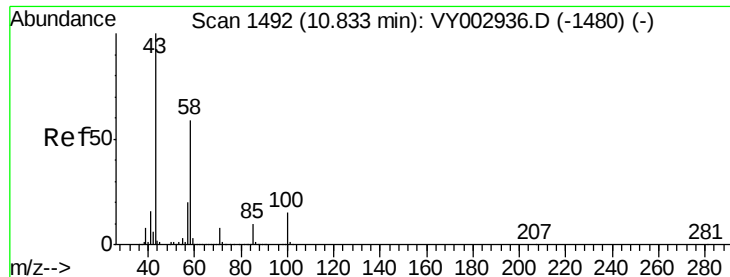
Tgt Ion: 63 Resp: 446196

Ion Ratio Lower Upper

63 100

106 35.2 25.6 38.4

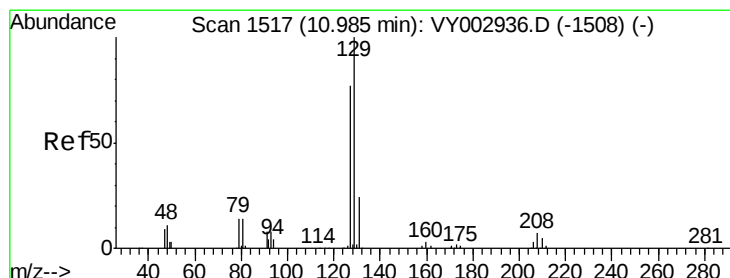
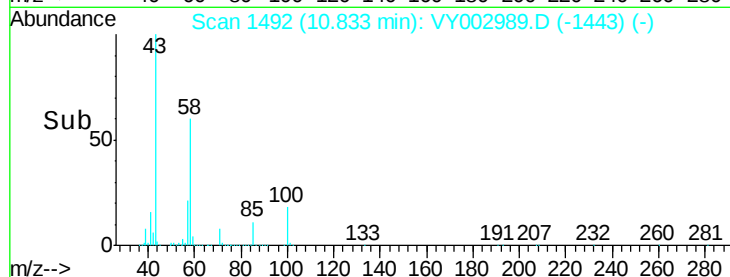
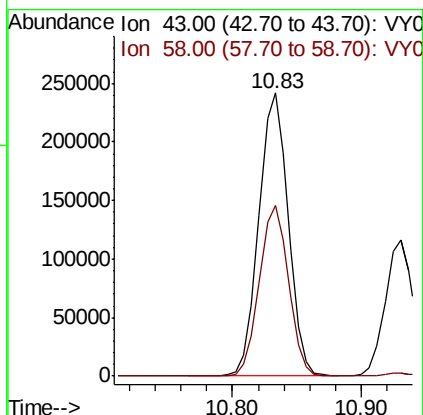
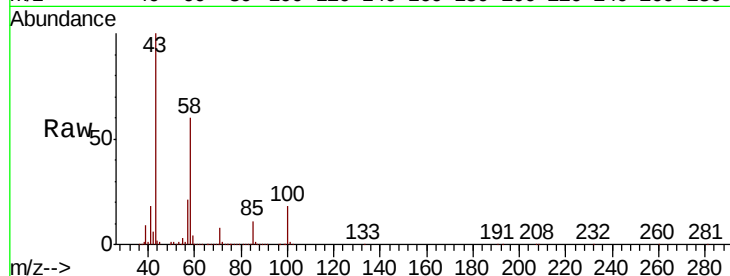




#59
2-Hexanone
Concen: 228.770 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

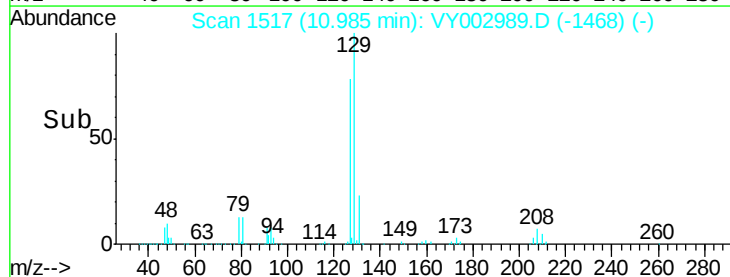
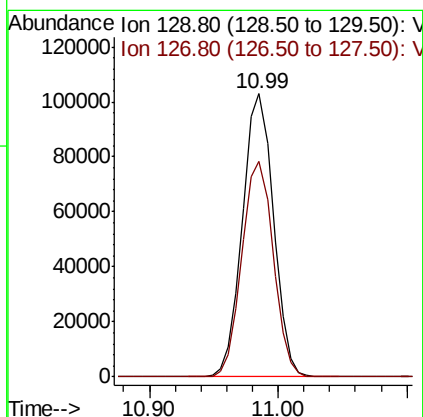
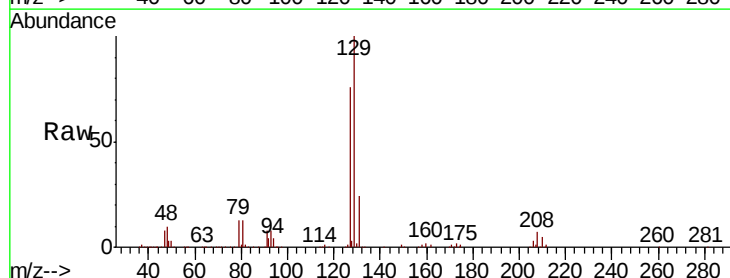
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

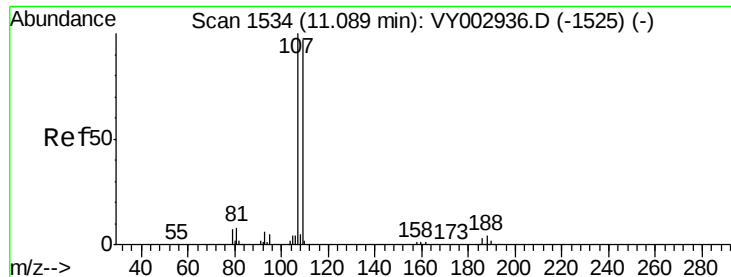
Tot Ion: 43 Resp: 381643
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1



#60
Dibromochloromethane
Concen: 48.792 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 129 Resp: 171784
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

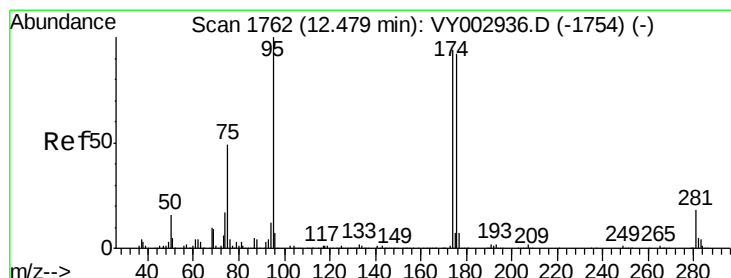
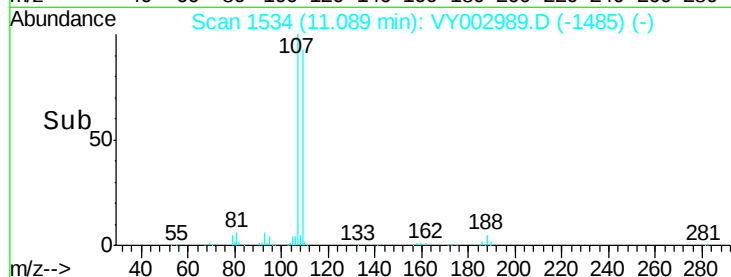
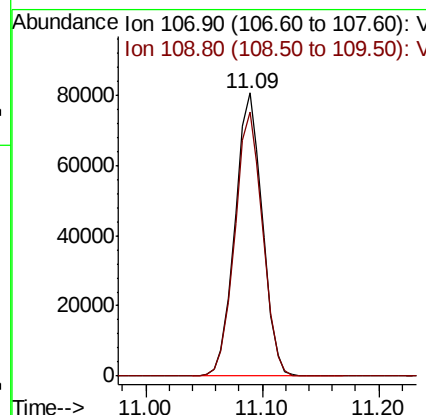
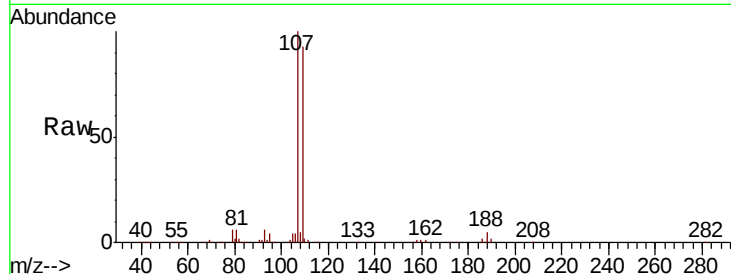




#61
 1,2-Dibromoethane
 Concen: 47.984 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

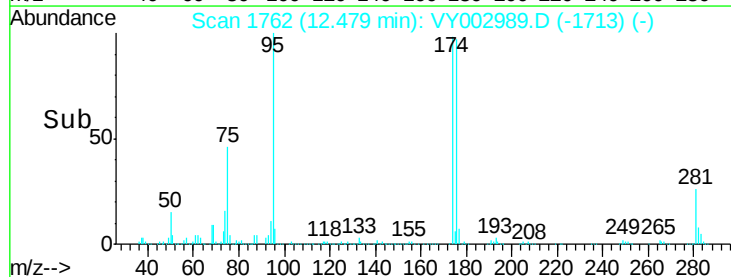
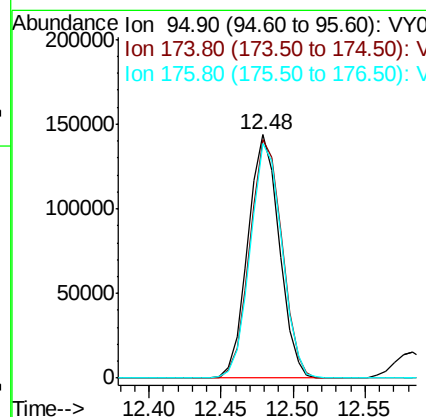
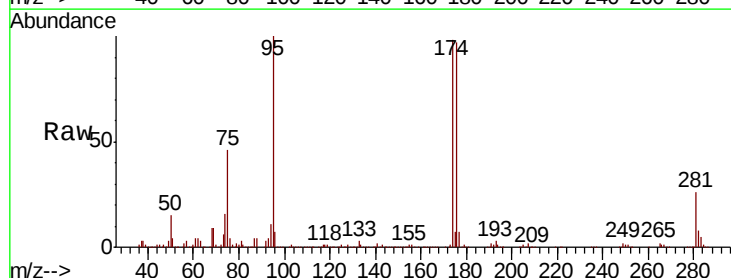
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

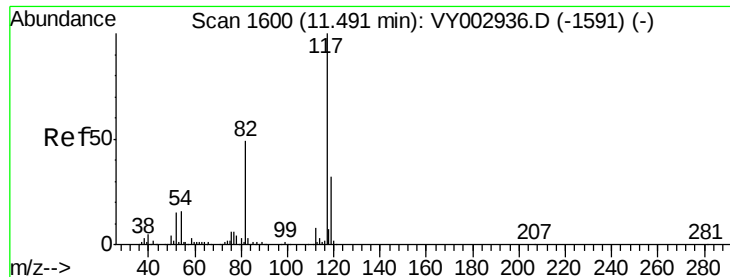
Tot Ion:107 Resp: 131422
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 52.436 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 95 Resp: 216380
 Ion Ratio Lower Upper
 95 100
 174 99.7 0.0 191.2
 176 96.9 0.0 186.0

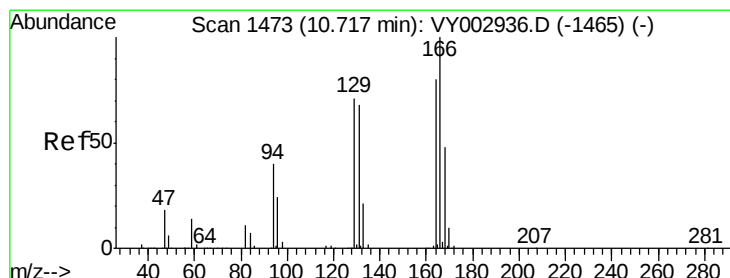
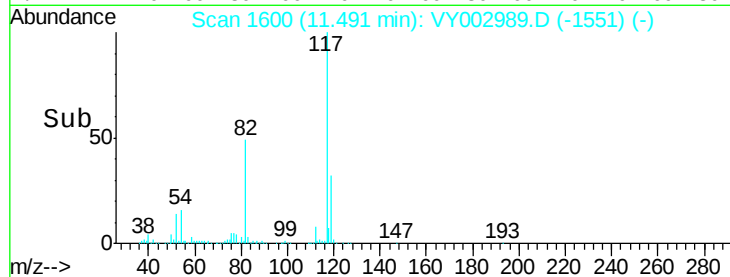
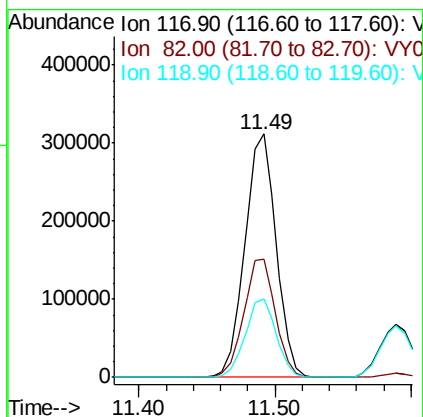
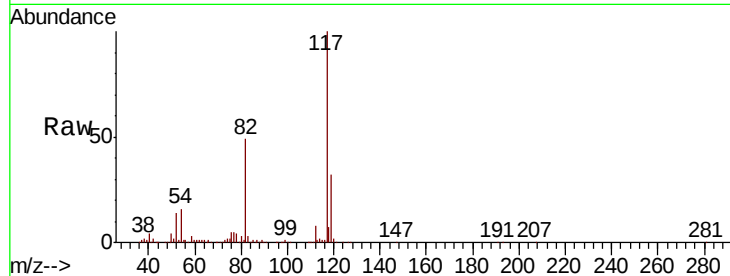




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

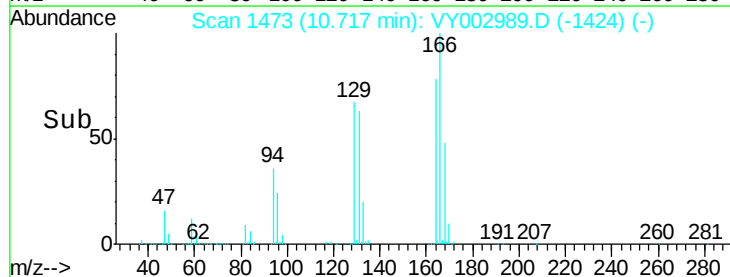
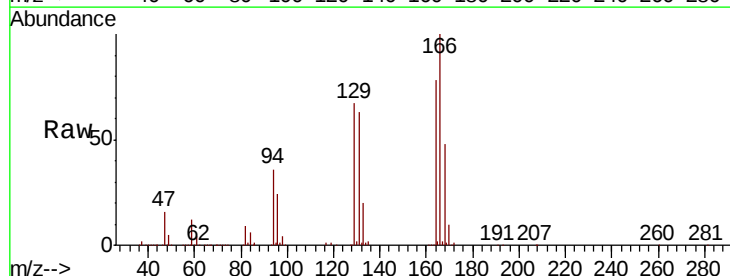
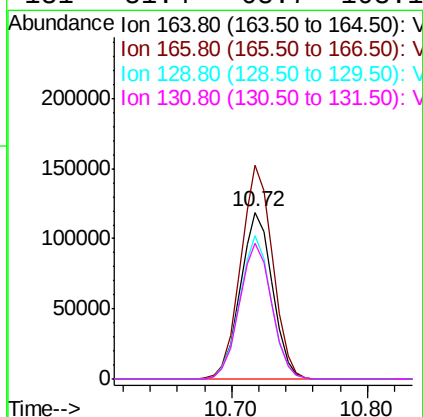
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

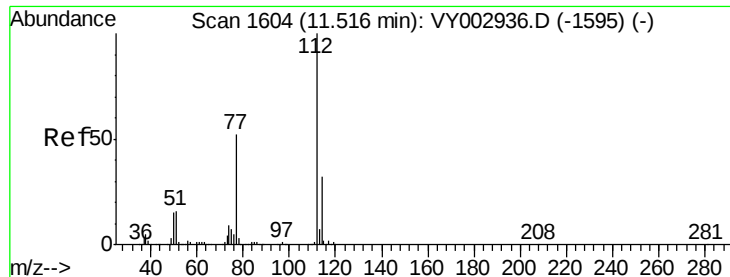
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.4	59.0
119	32.4	25.4	38.0



#64
Tetrachloroethene
Concen: 46.670 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.5	150.7
129	86.2	71.1	106.7
131	81.4	68.7	103.1





#65

Chlorobenzene

Concen: 46.597 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

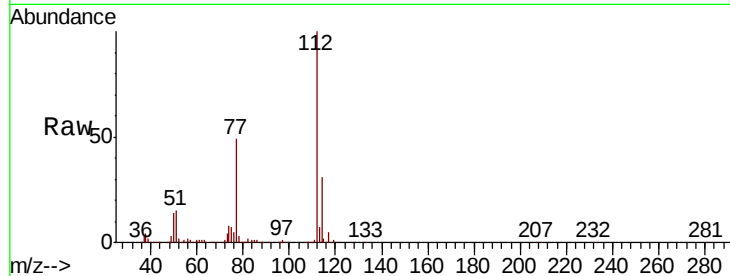
VSTDCCC050EC

Tot Ion:112 Resp: 442661

Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

300000

250000

200000

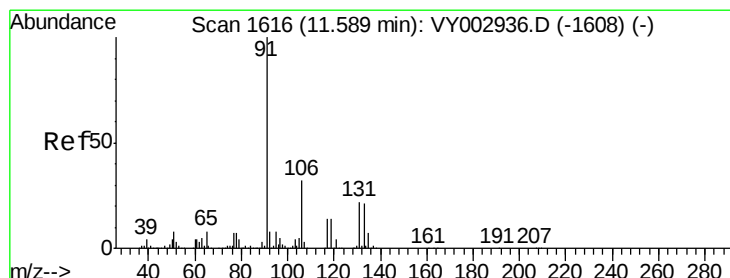
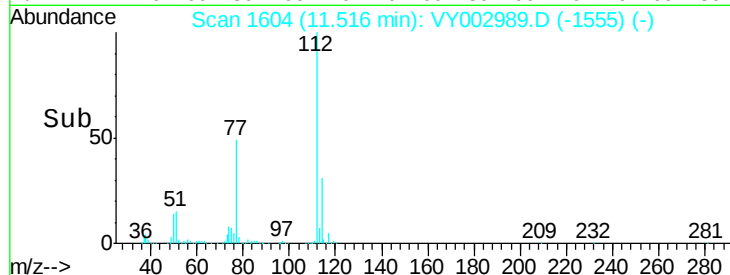
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.991 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

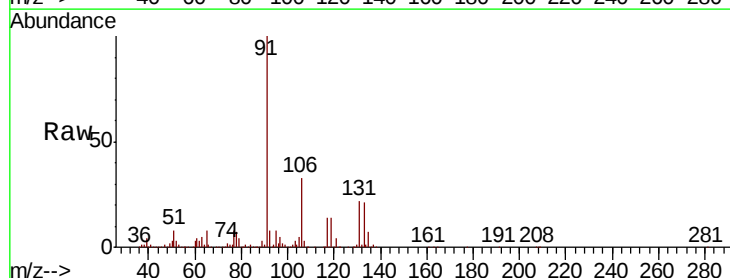
Tgt Ion:131 Resp: 172329

Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 62.1 31.5 94.5



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

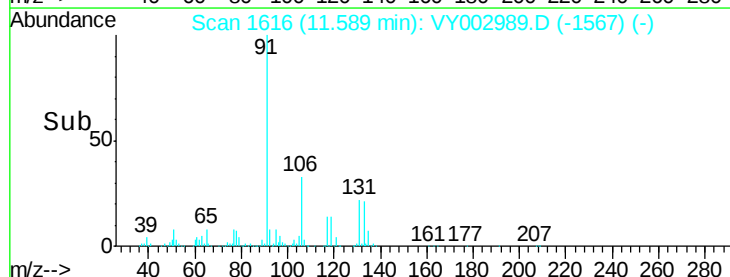
11.59

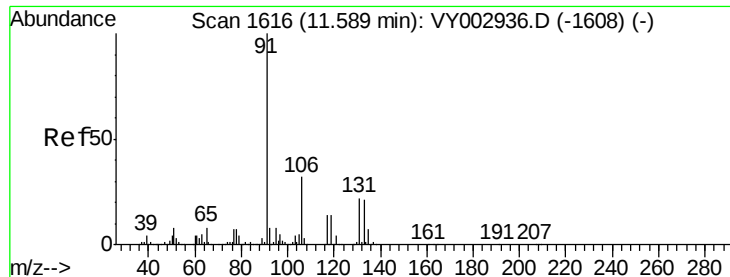
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 46.654 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

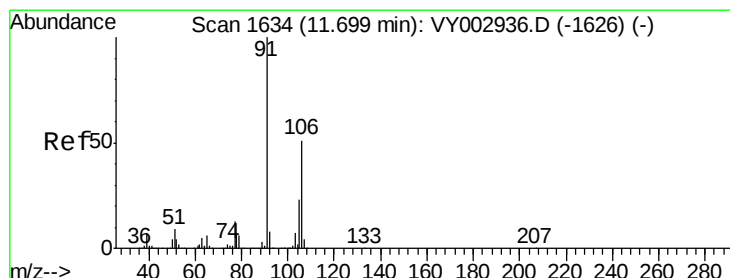
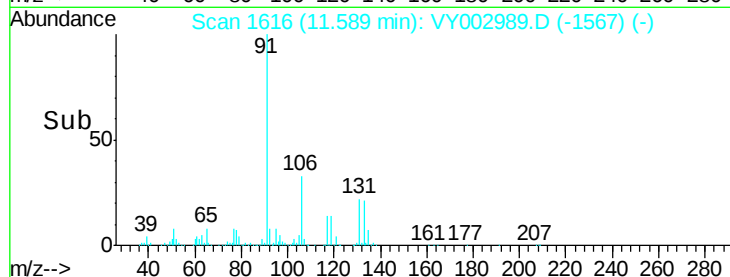
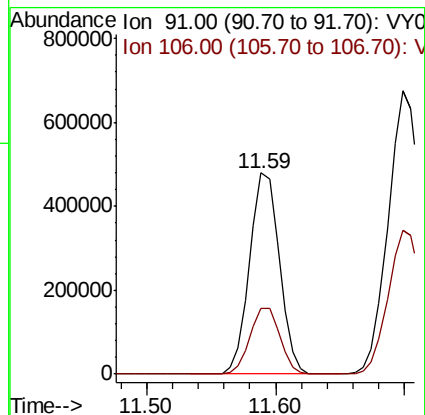
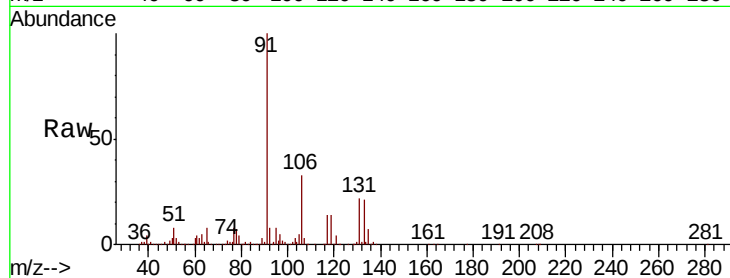
VSTDCCC050EC

Tot Ion: 91 Resp: 764488

Ion Ratio Lower Upper

91 100

106 32.8 25.8 38.8



#68

m/p-Xylenes

Concen: 99.529 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002989.D

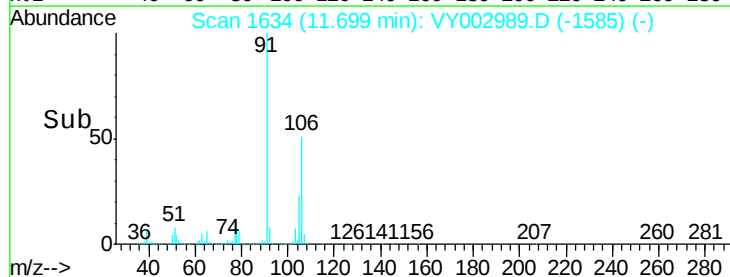
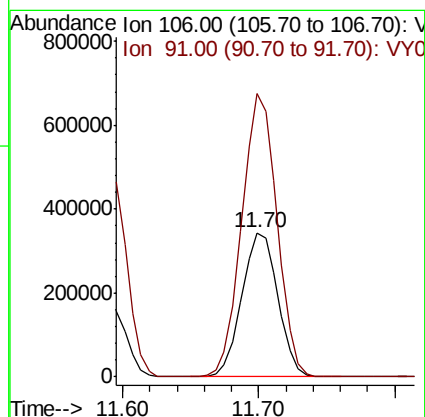
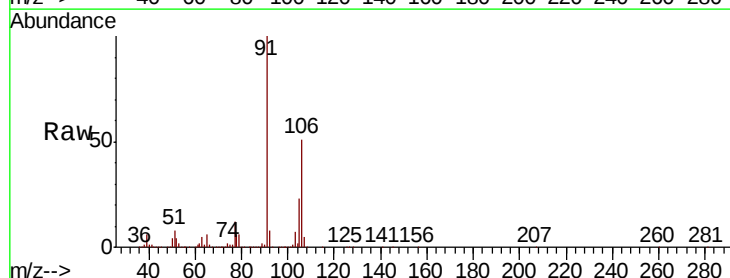
Acq: 22 Jun 2020 21:19

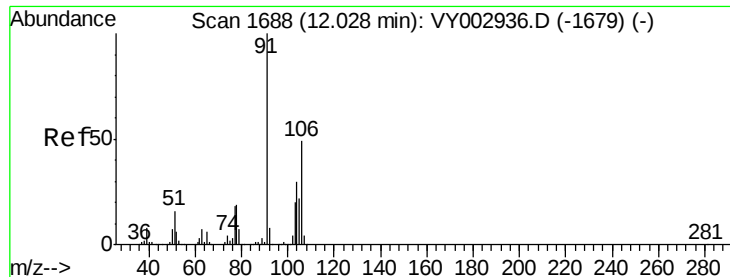
Tgt Ion: 106 Resp: 633755

Ion Ratio Lower Upper

106 100

91 192.6 155.9 233.9

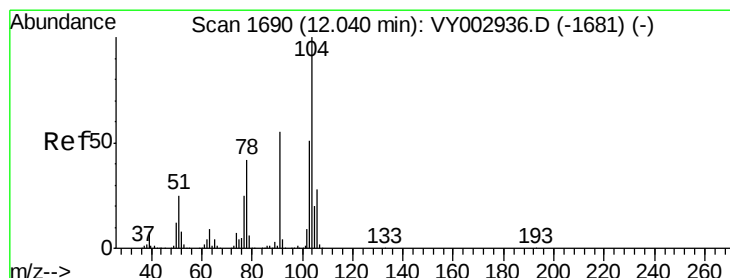
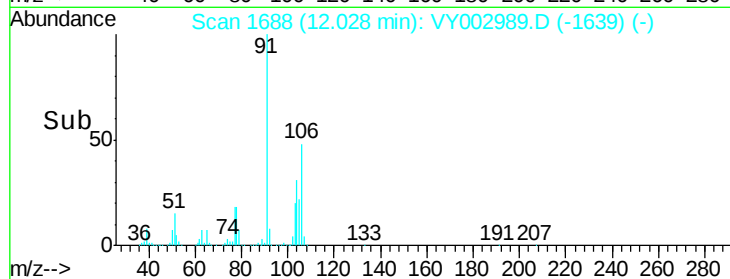
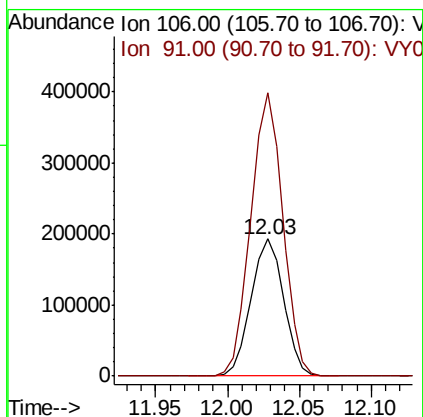
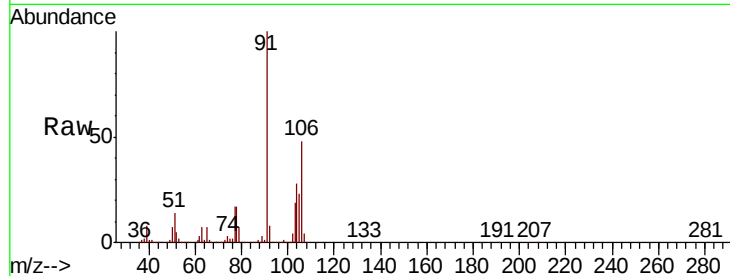




#69
o-Xylene
Concen: 50.241 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

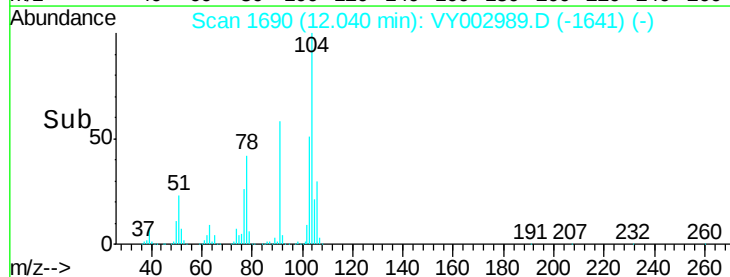
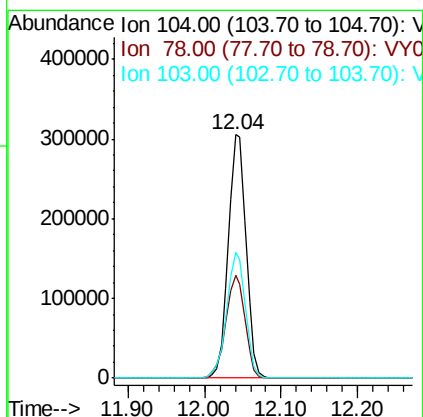
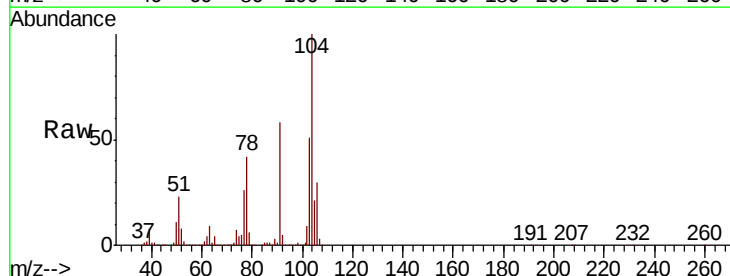
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

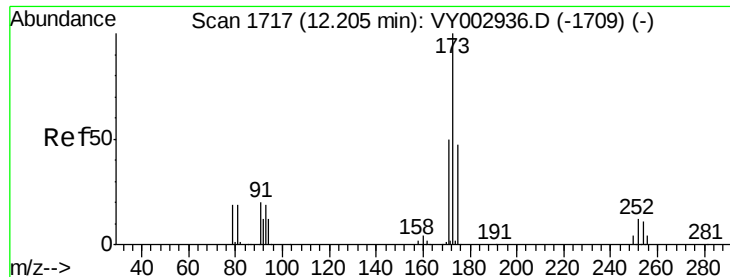
Tot Ion:106 Resp: 301556
Ion Ratio Lower Upper
106 100
91 203.1 102.1 306.1



#70
Styrene
Concen: 47.165 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion:104 Resp: 489130
Ion Ratio Lower Upper
104 100
78 45.8 36.9 55.3
103 54.5 43.7 65.5

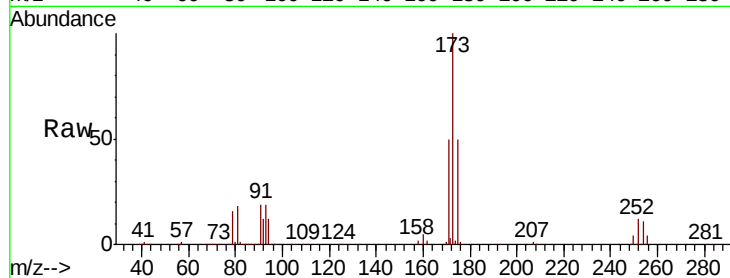




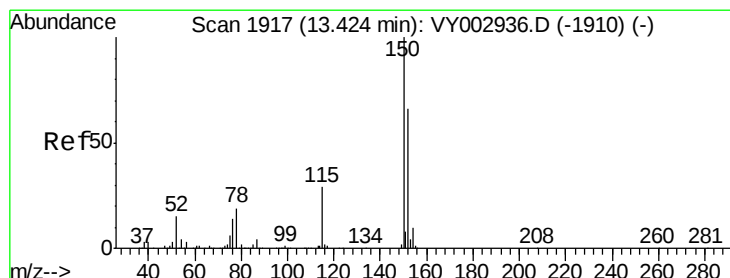
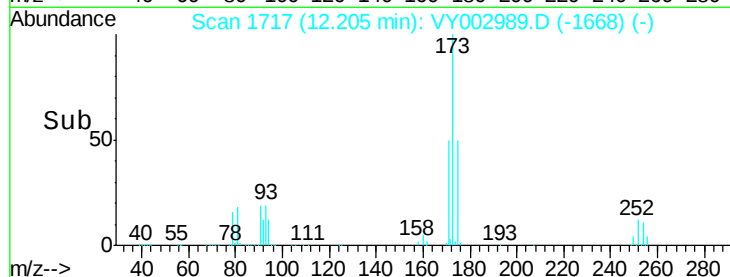
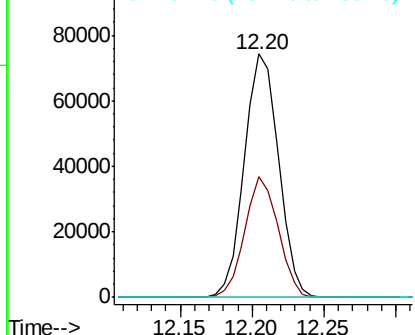
#71
Bromoform
Concen: 50.898 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 122332
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.1 0.1 0.1#

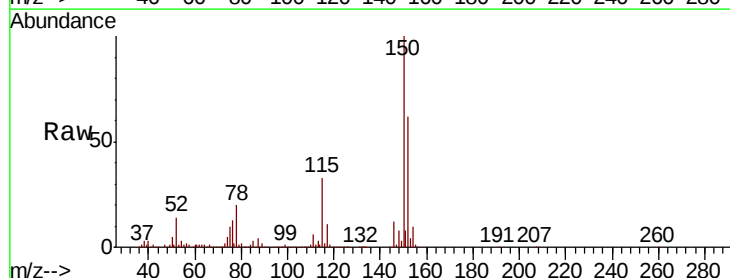


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

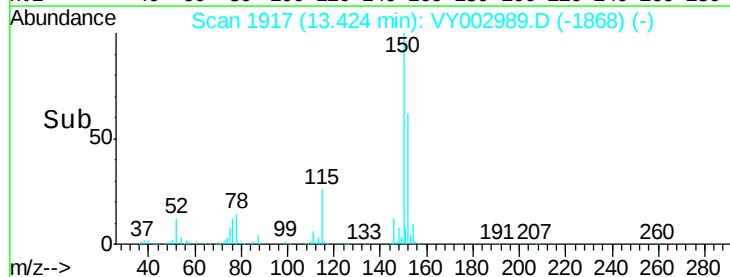
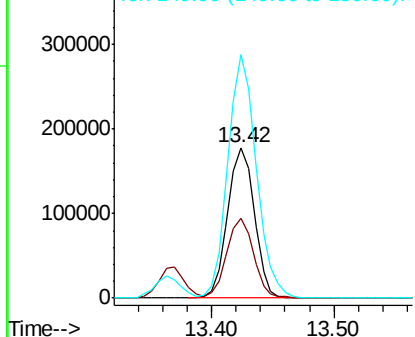


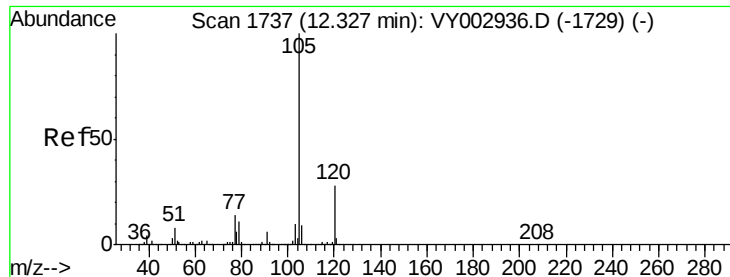
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion:152 Resp: 269488
Ion Ratio Lower Upper
152 100
115 53.3 26.9 80.6
150 171.7 0.0 341.8



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: 46.474 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

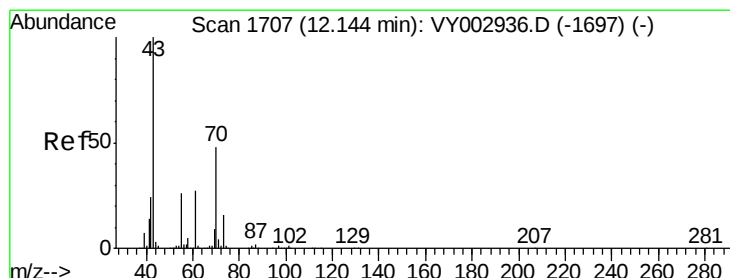
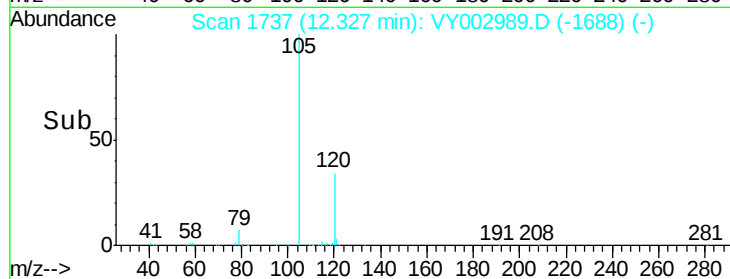
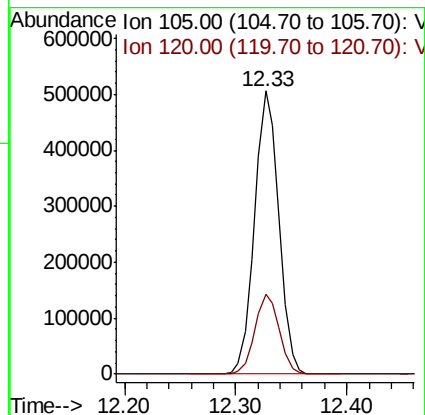
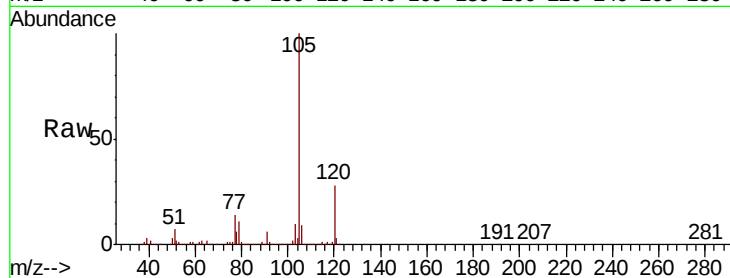
VSTDCCC050EC

Tot Ion:105 Resp: 767570

Ion Ratio Lower Upper

105 100

120 28.3 14.0 41.9



#74

N-ethyl acetate

Concen: 44.588 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion: 43 Resp: 189653

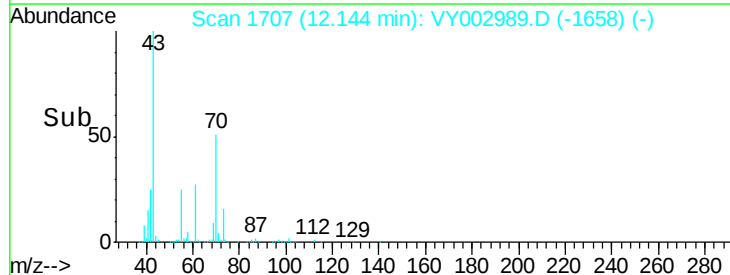
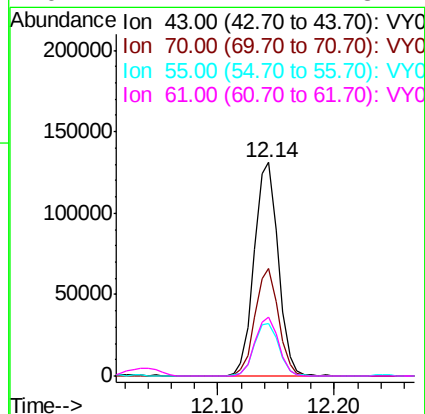
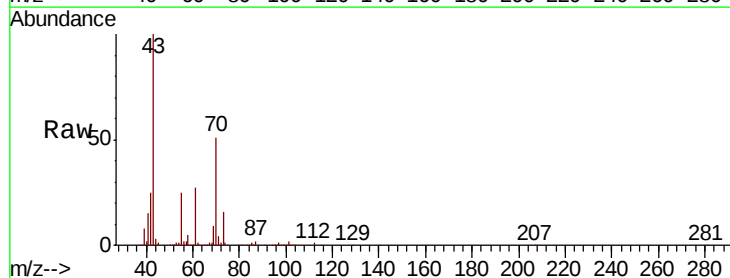
Ion Ratio Lower Upper

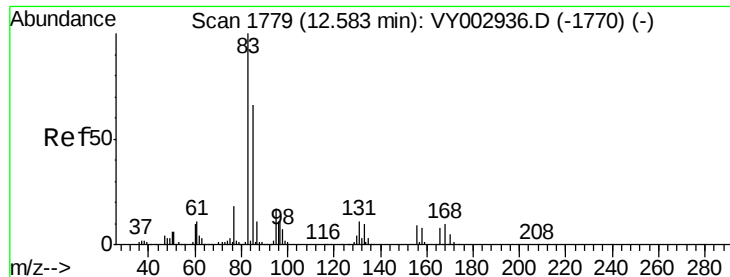
43 100

70 49.4 38.0 57.0

55 25.0 20.3 30.5

61 27.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.894 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

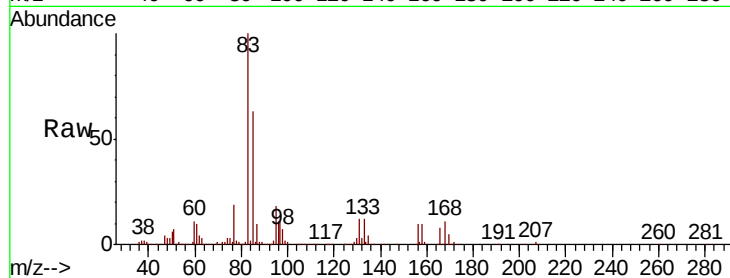
Tot Ion: 83 Resp: 140536

Ion Ratio Lower Upper

83 100

131 12.7 5.9 17.7

85 64.8 32.8 98.3



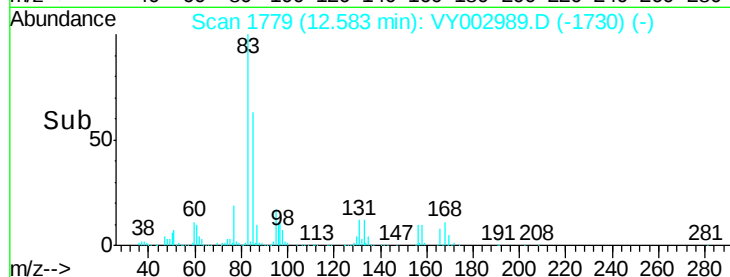
Abundance Ion 82.90 (82.60 to 83.60): VY002989.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002989.D (-1730) (-)

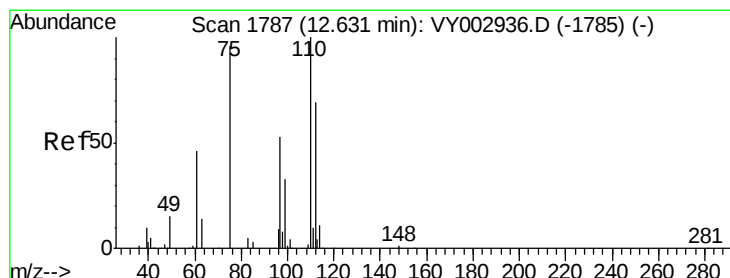
Ion 84.90 (84.60 to 85.60): VY002989.D (-1730) (-)

12.58

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 85.157 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002989.D

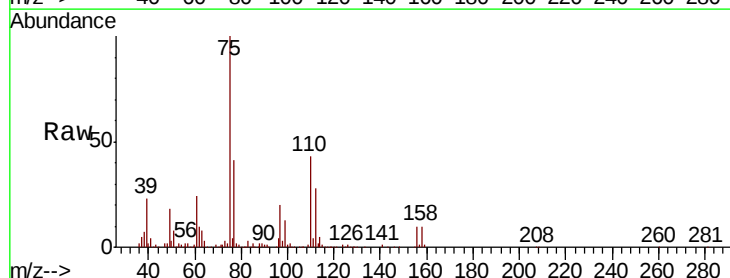
Acq: 22 Jun 2020 21:19

Tgt Ion: 75 Resp: 199860

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

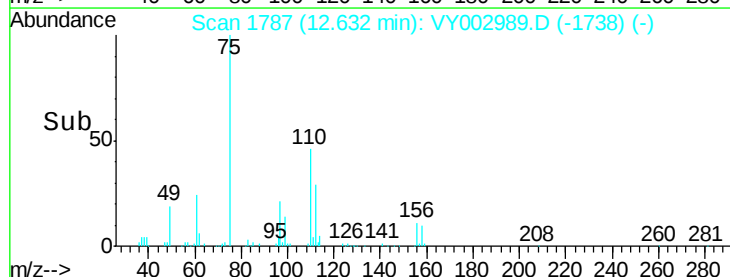


Abundance Ion 74.90 (74.60 to 75.60): VY002989.D (-1738) (-)

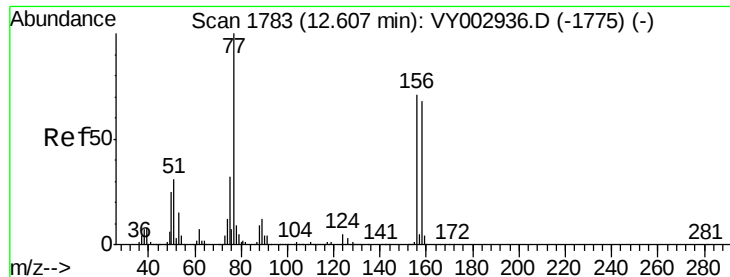
Ion 77.00 (76.70 to 77.70): VY002989.D (-1738) (-)

12.63

Time-->



Time-->



#77

Bromobenzene

Concen: 47.837 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

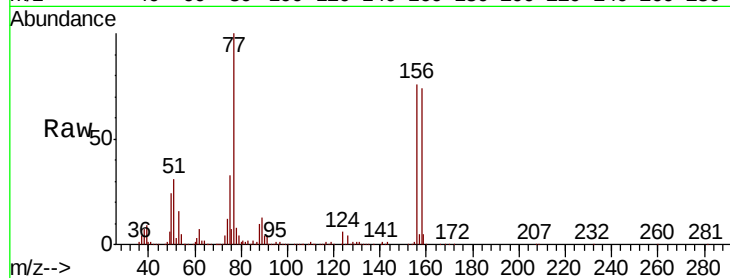
Tot Ion:156 Resp: 206858

Ion Ratio Lower Upper

156 100

77 152.3 80.5 241.5

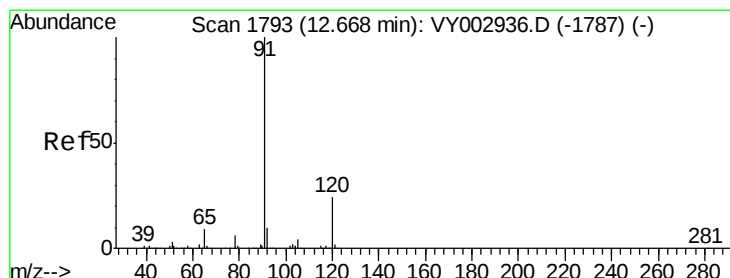
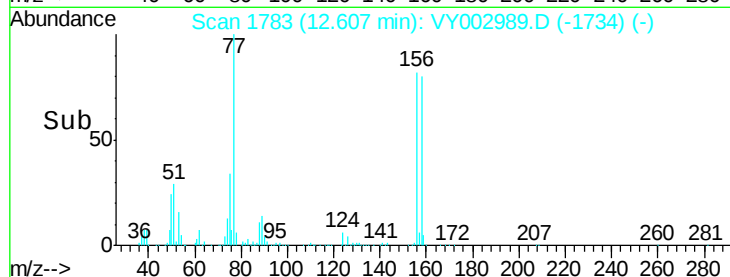
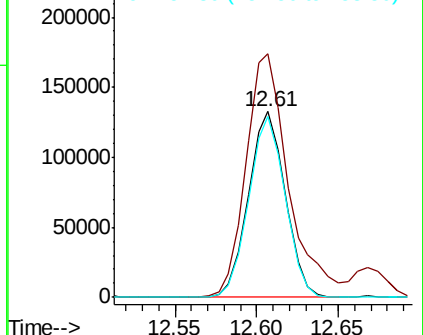
158 97.0 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.614 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002989.D

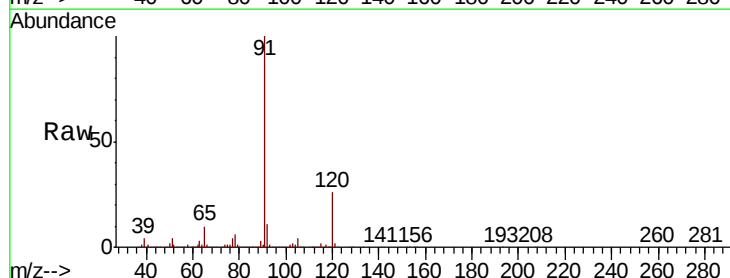
Acq: 22 Jun 2020 21:19

Tgt Ion: 91 Resp: 874036

Ion Ratio Lower Upper

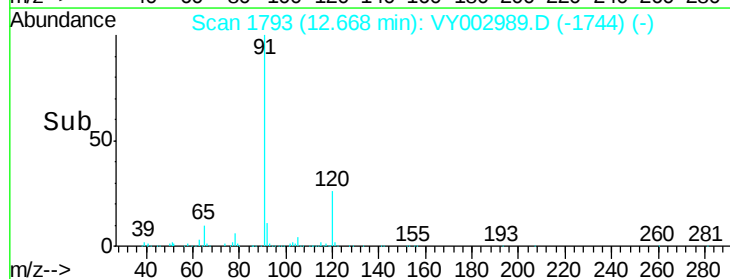
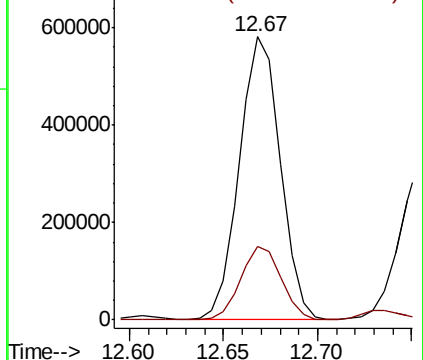
91 100

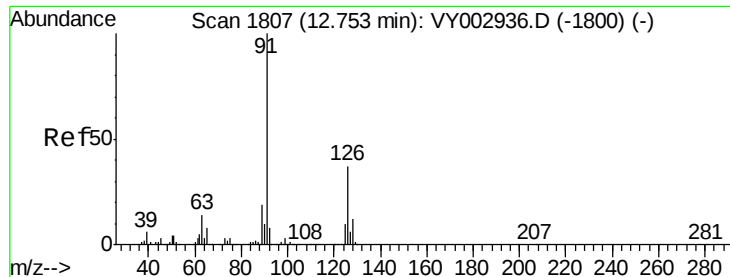
120 25.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.038 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

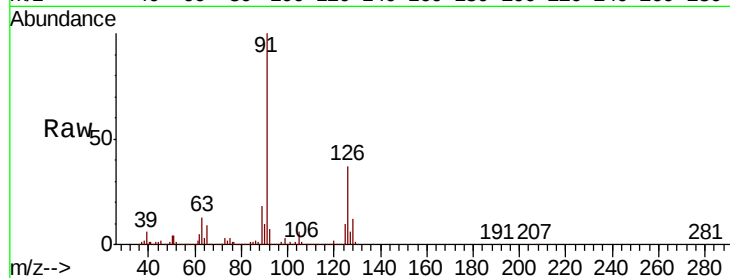
VSTDCCC050EC

Tot Ion: 91 Resp: 494096

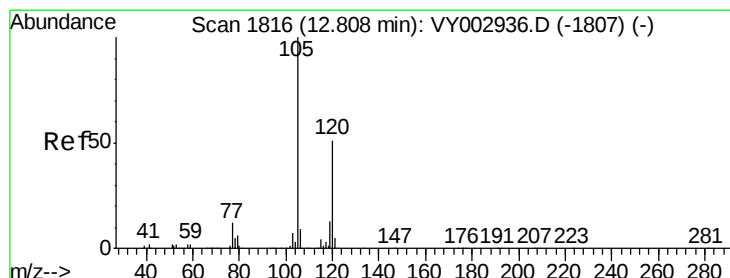
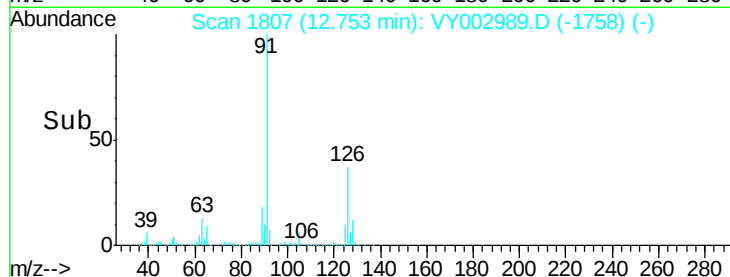
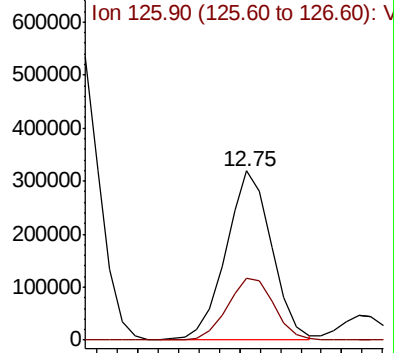
Ion Ratio Lower Upper

91 100

126 37.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002989.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.339 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY002989.D

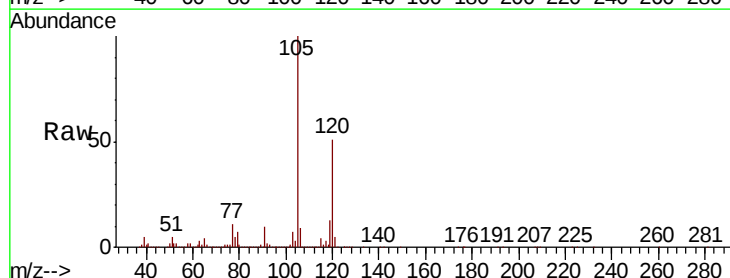
Acq: 22 Jun 2020 21:19

Tgt Ion: 105 Resp: 693103

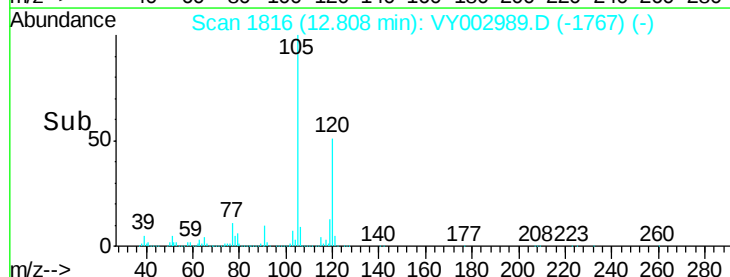
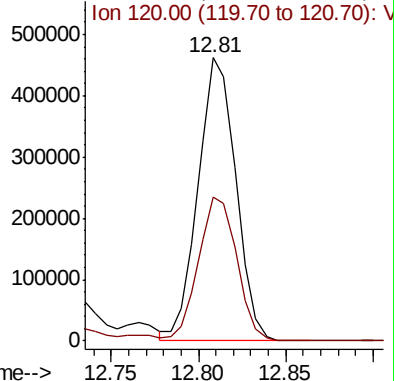
Ion Ratio Lower Upper

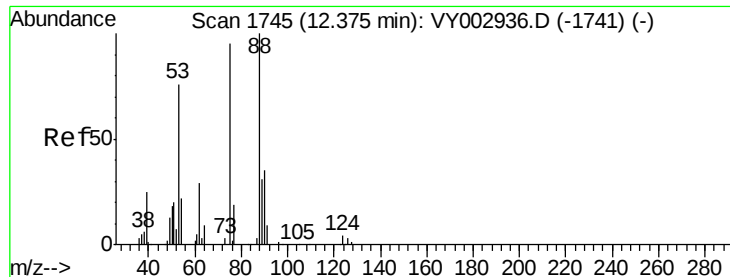
105 100

120 51.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002989.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.035 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

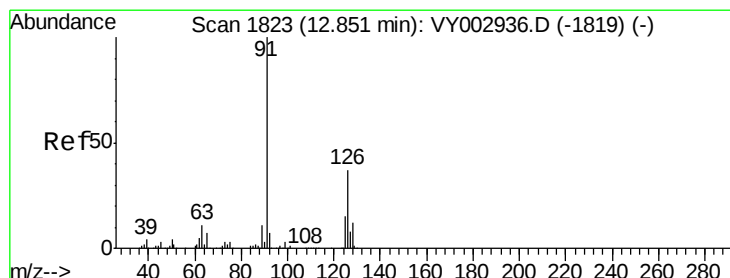
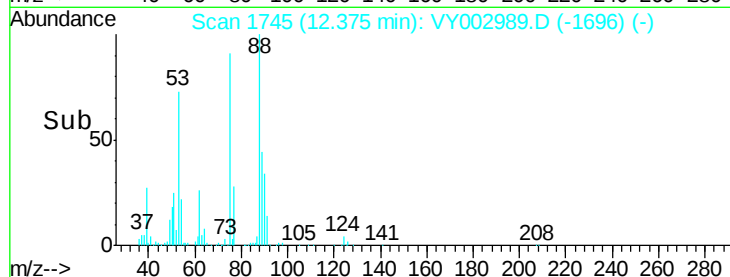
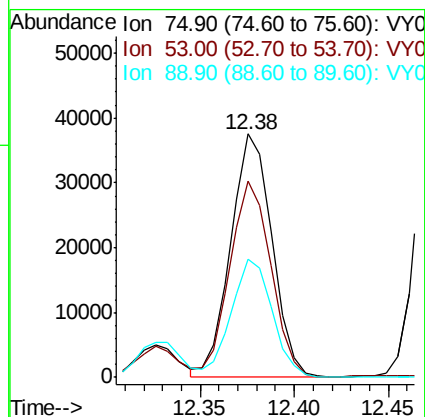
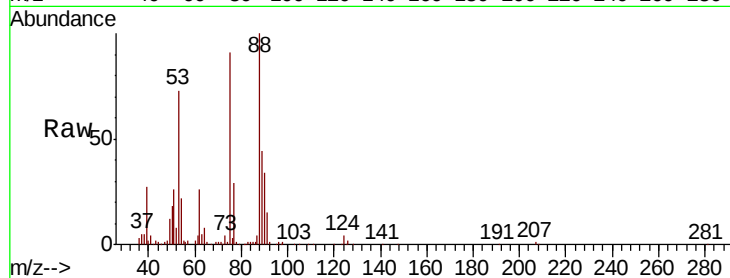
Tot Ion: 75 Resp: 56590

Ion Ratio Lower Upper

75 100

53 81.1 65.1 97.7

89 48.4 38.4 57.6



#82

4-Chlorotoluene

Concen: 44.559 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002989.D

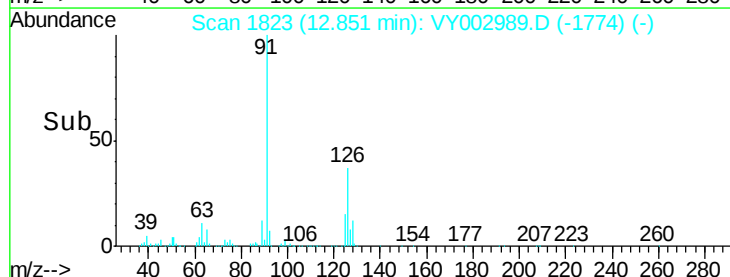
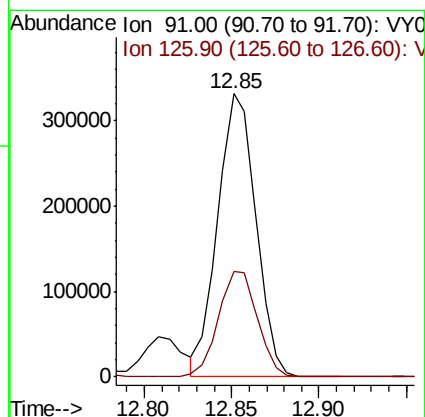
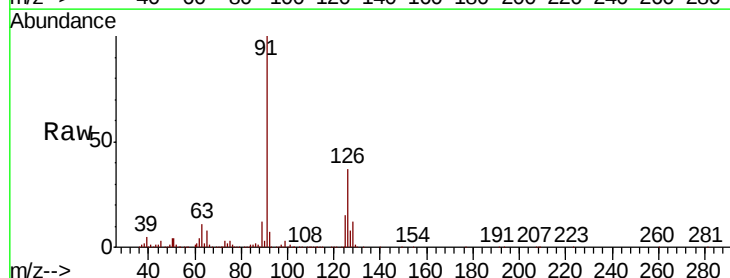
Acq: 22 Jun 2020 21:19

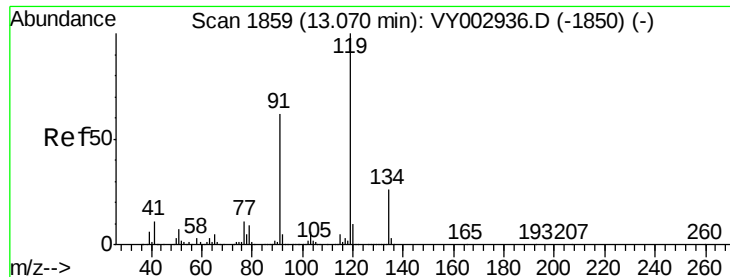
Tgt Ion: 91 Resp: 502931

Ion Ratio Lower Upper

91 100

126 38.2 18.6 55.8

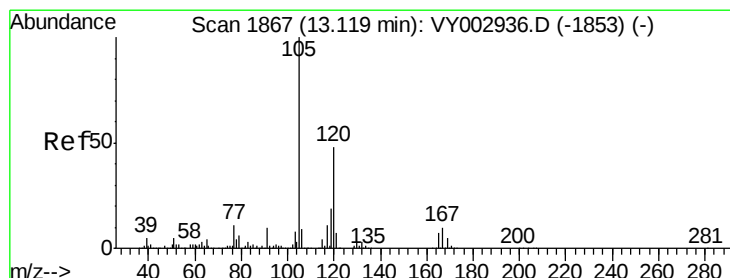
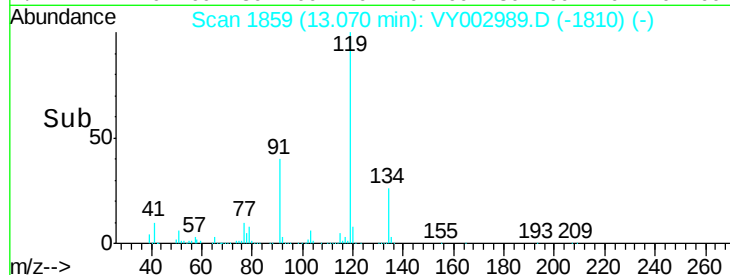
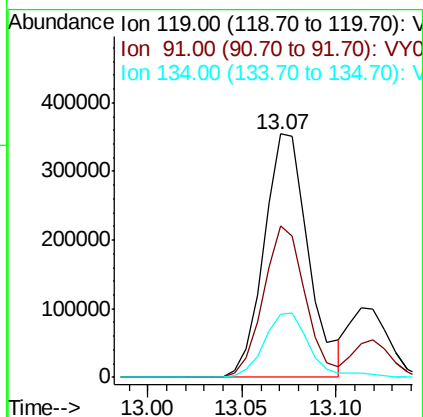
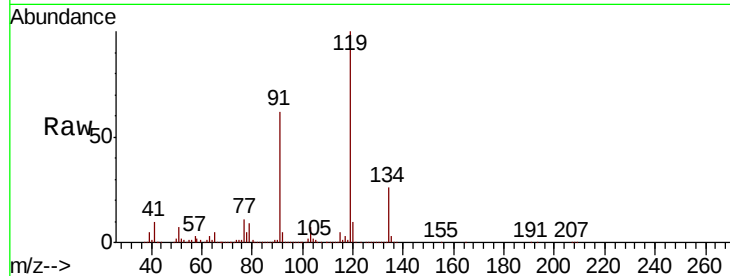




#83
tert-Butylbenzene
Concen: 46.850 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

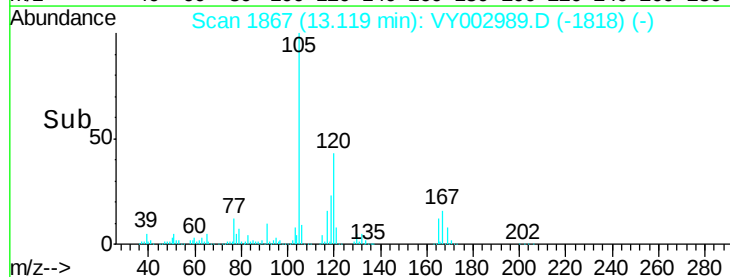
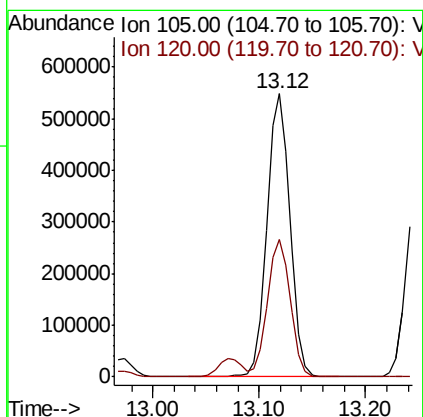
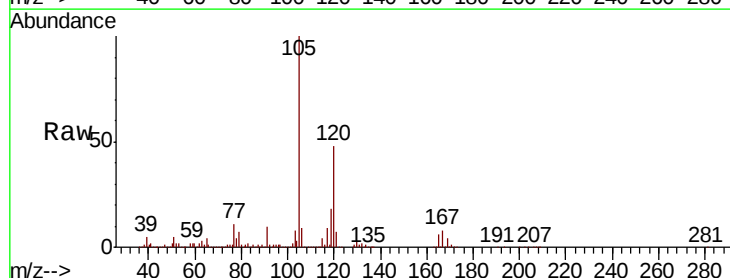
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

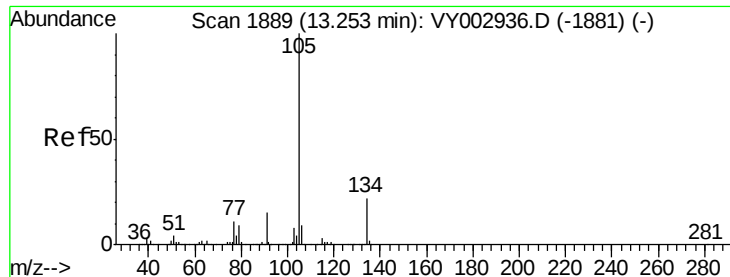
Tot Ion:119 Resp: 577802
Ion Ratio Lower Upper
119 100
91 58.8 29.9 89.7
134 27.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 59.781 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion:105 Resp: 828249
Ion Ratio Lower Upper
105 100
120 48.4 23.5 70.5





#85

sec-Butylbenzene

Concen: 44.652 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

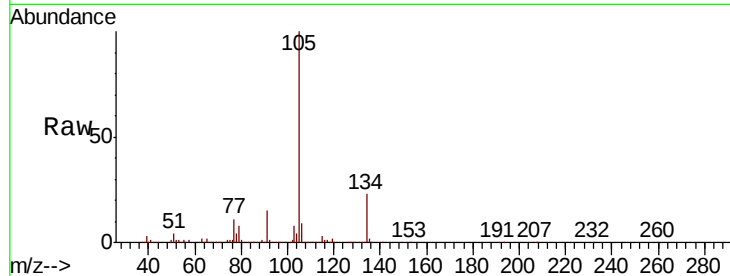
VSTDCCC050EC

Tot Ion:105 Resp: 749118

Ion Ratio Lower Upper

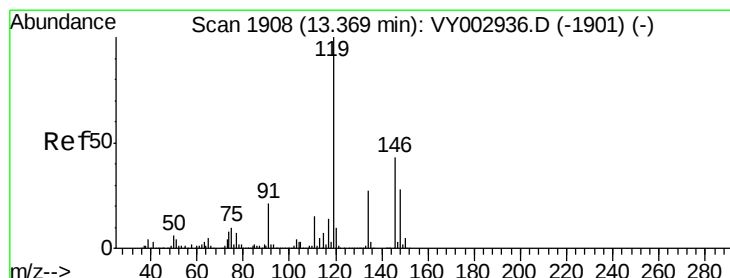
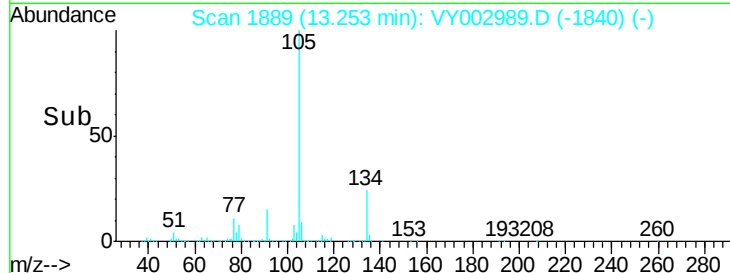
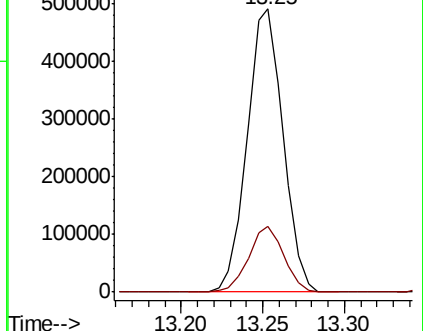
105 100

134 22.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.390 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

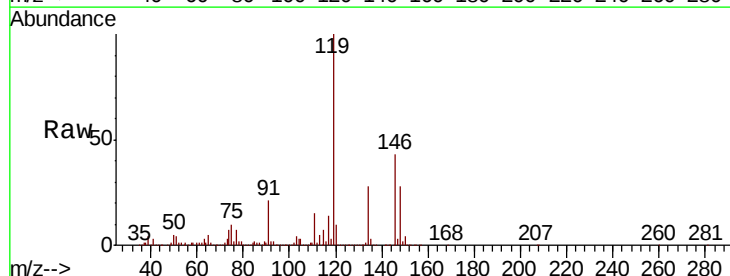
Tgt Ion:119 Resp: 714278

Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

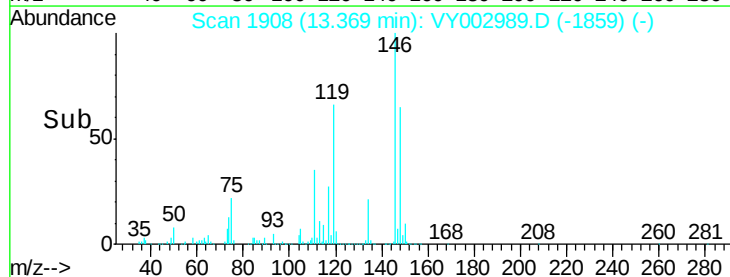
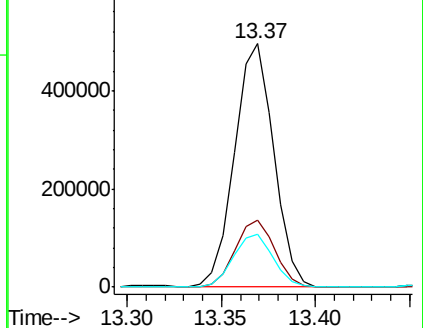
91 21.7 10.8 32.4

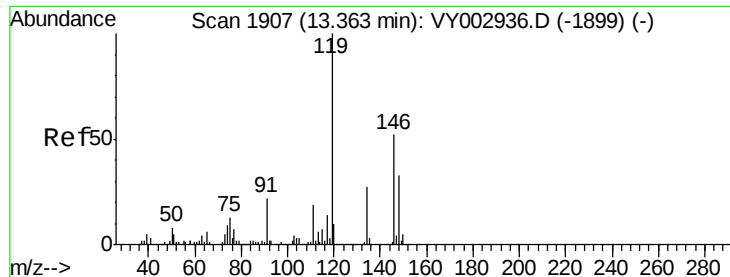


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

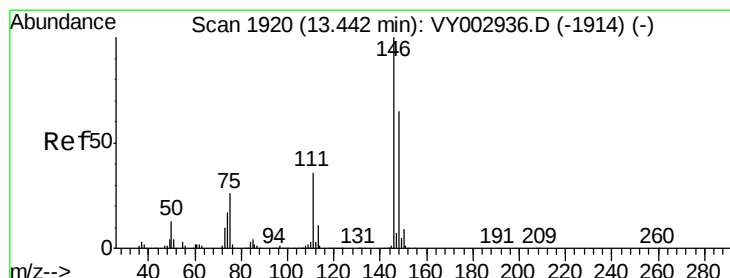
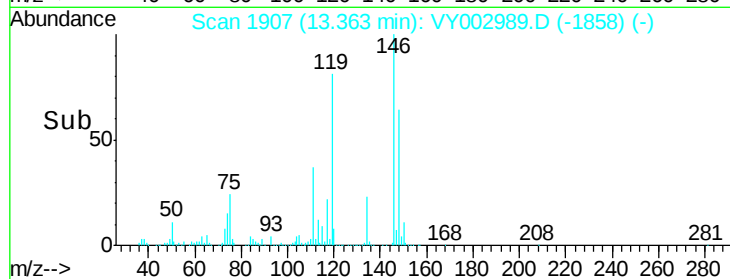
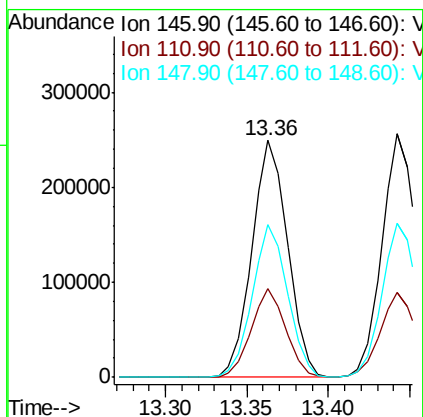
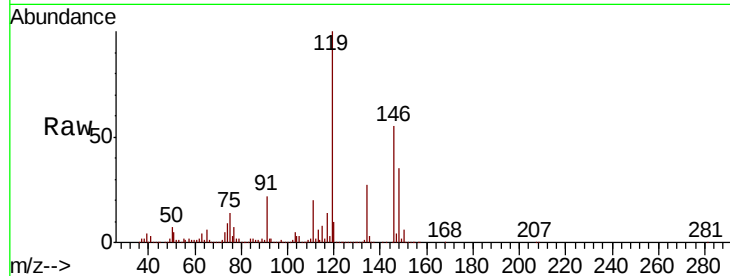




#87
 1,3-Dichlorobenzene
 Concen: 46.537 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

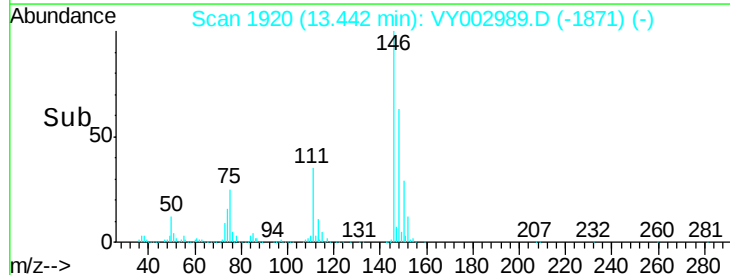
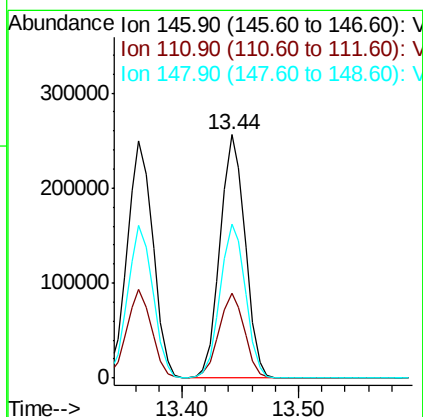
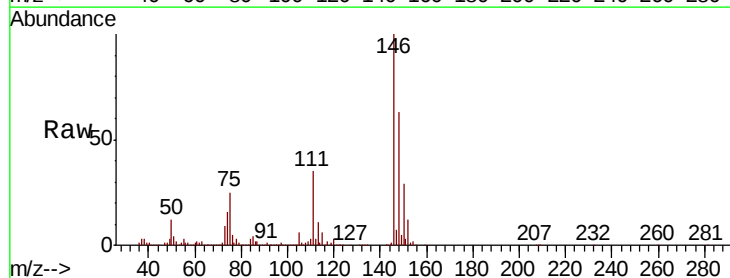
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

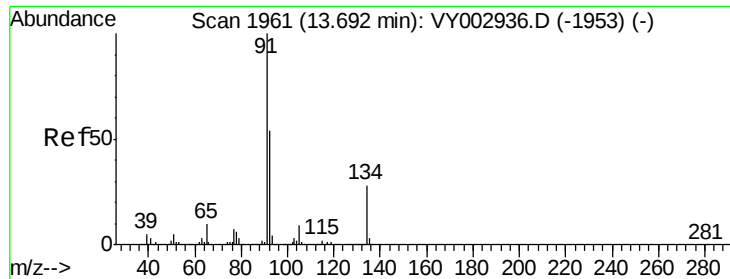
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.2	54.6
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 46.667 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.9	53.8
148	63.9	32.1	96.5

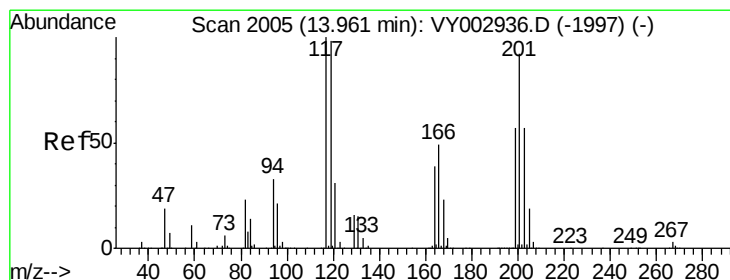
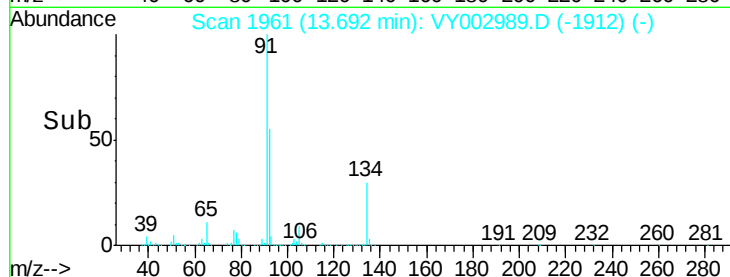
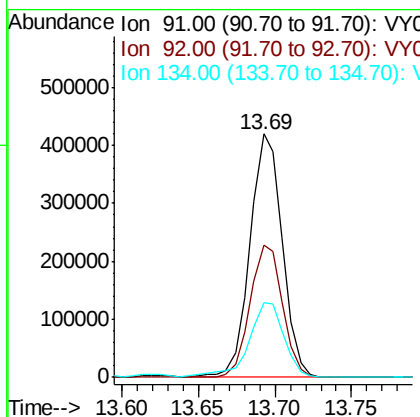
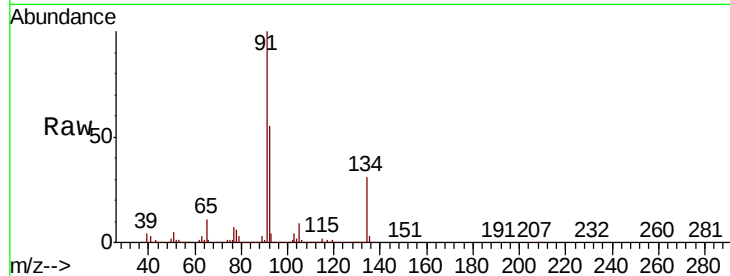




#89
n-Butylbenzene
Concen: 43.150 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

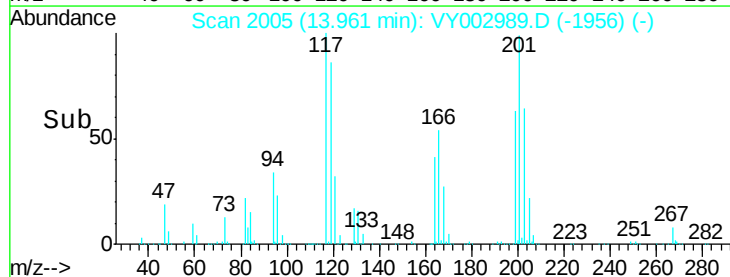
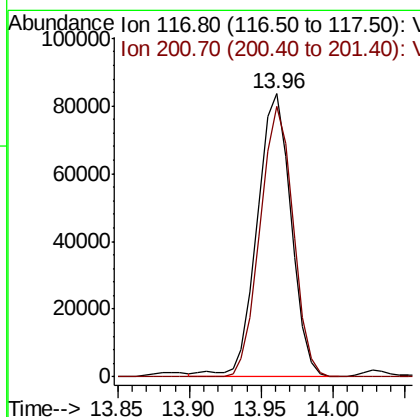
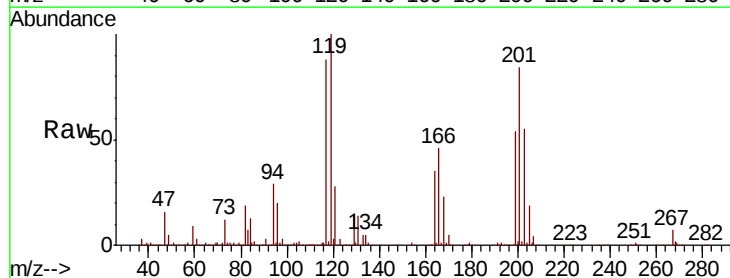
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

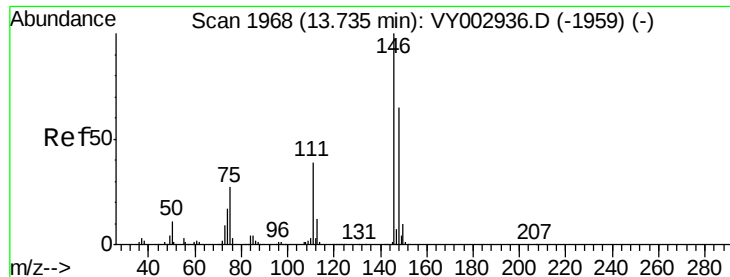
Tot Ion: 91 Resp: 613845
Ion Ratio Lower Upper
91 100
92 54.9 27.0 80.8
134 33.7 14.5 43.5



#90
Hexachloroethane
Concen: 46.285 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 117 Resp: 135667
Ion Ratio Lower Upper
117 100
201 93.5 45.1 135.5

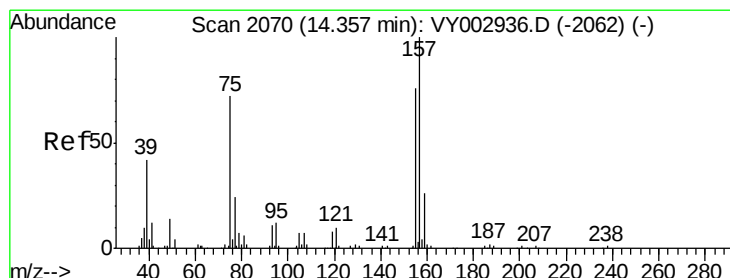
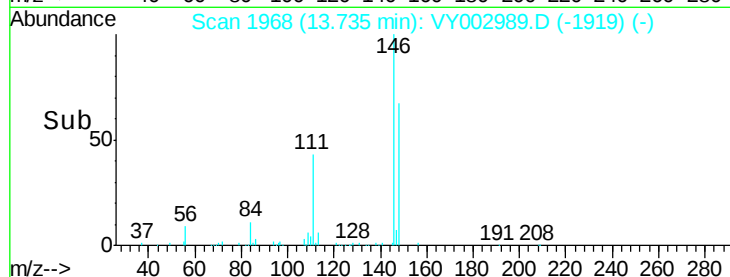
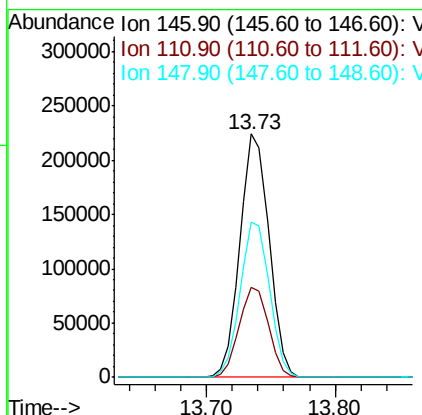
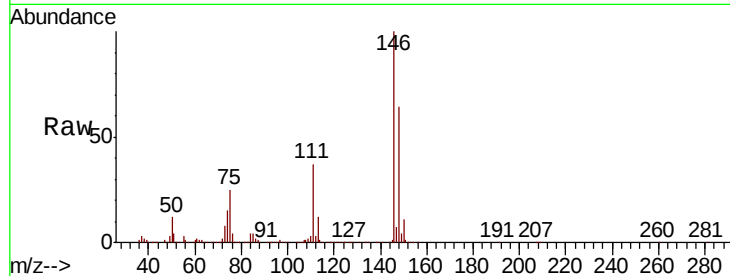




#91
 1,2-Dichlorobenzene
 Concen: 47.359 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

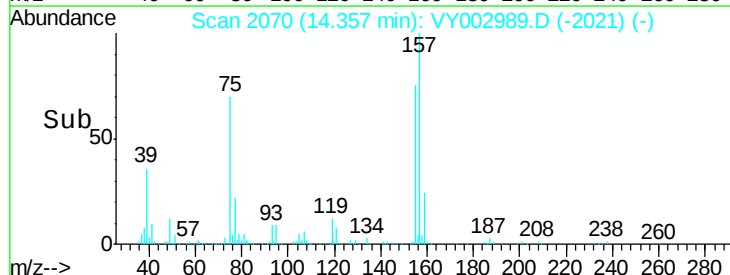
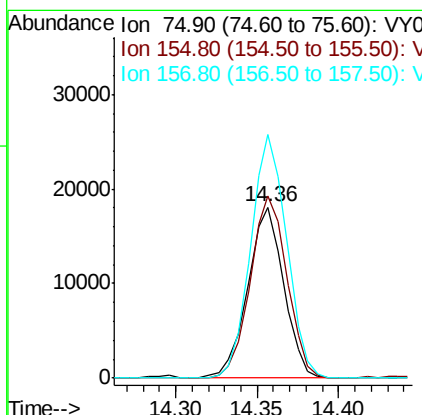
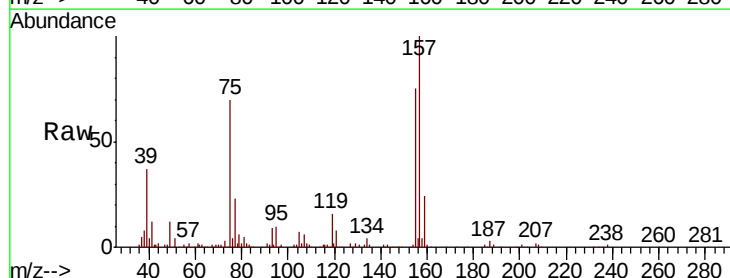
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

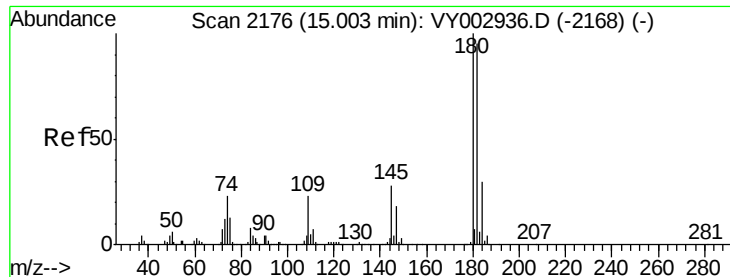
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.636 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.7	53.1	159.4
157	142.4	69.0	206.9

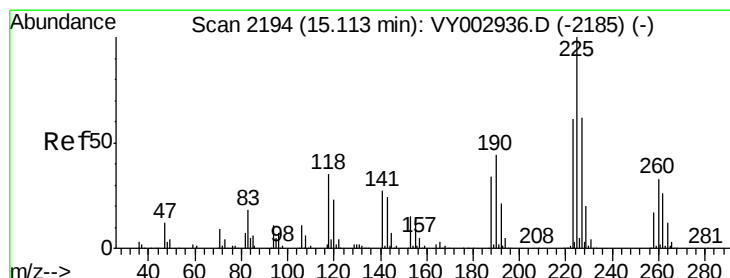
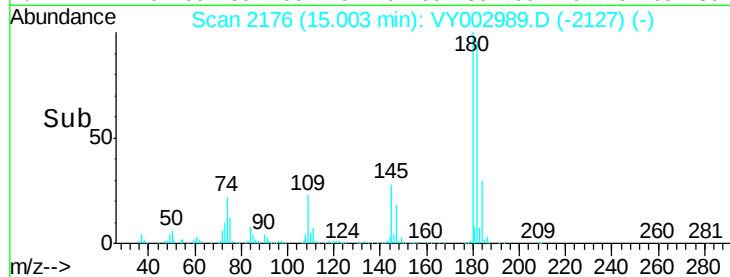
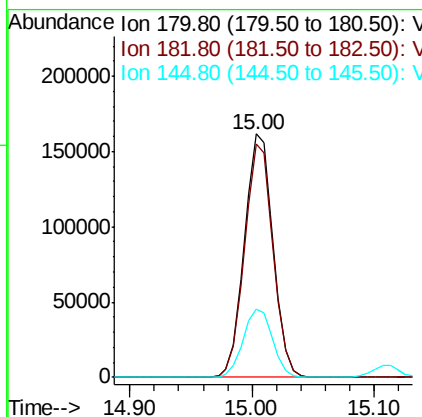
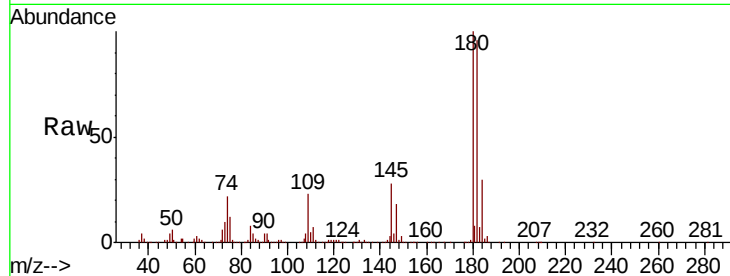




#93
 1,2,4-Trichlorobenzene
 Concen: 47.090 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

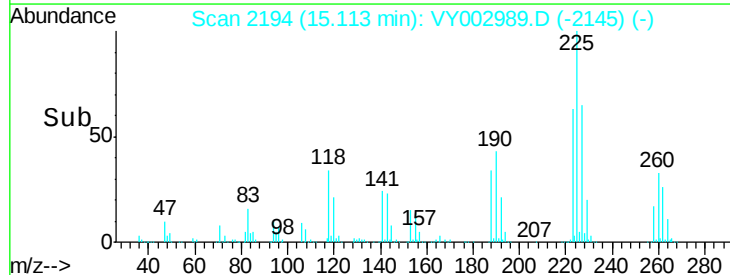
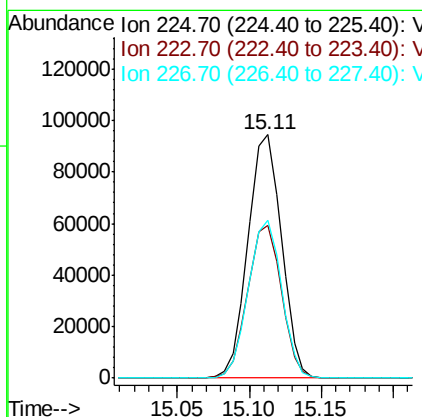
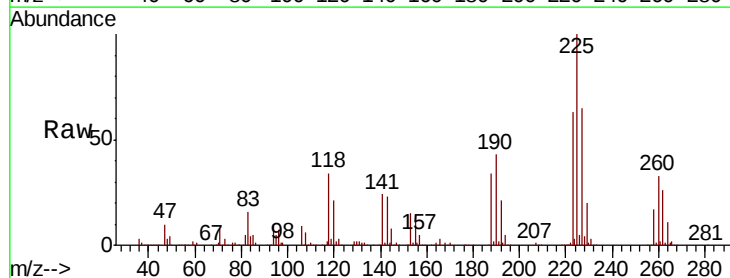
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

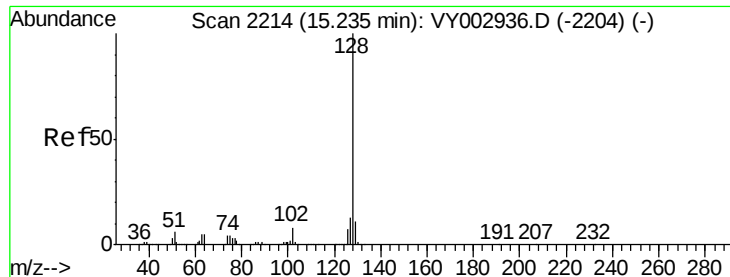
Tot Ion:180 Resp: 262139
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.6
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 47.440 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion:225 Resp: 152216
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.8
 227 64.4 31.9 95.7





#95

Naphthalene

Concen: 53.539 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

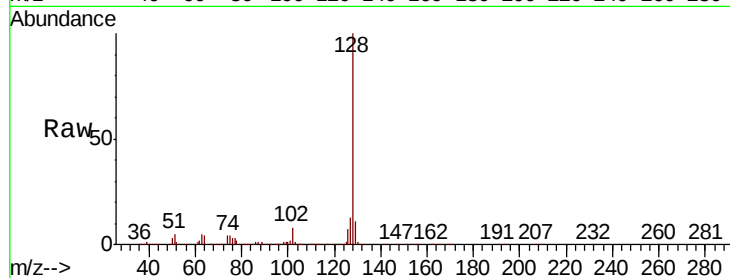
Tot Ion:128 Resp: 594011

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1

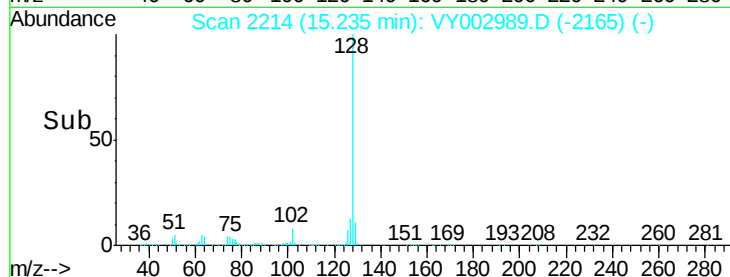


Abundance Ion 128.00 (127.70 to 128.70): V

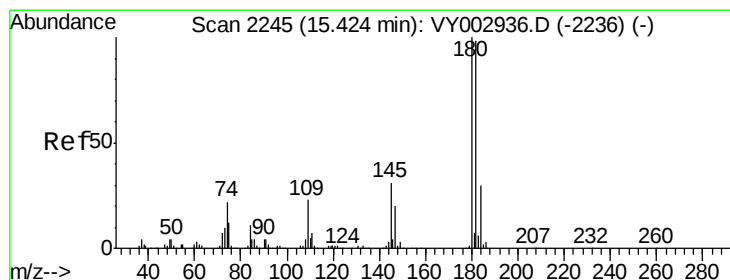
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.23



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 48.118 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

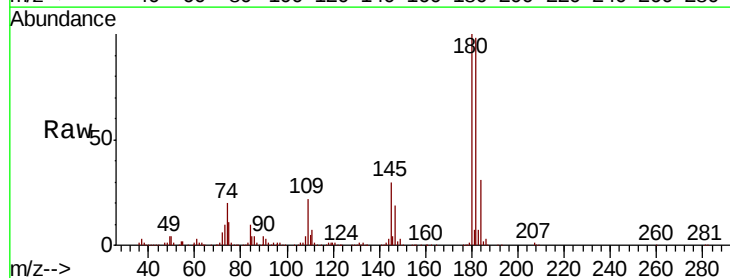
Tgt Ion:180 Resp: 238987

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

145 30.4 15.0 45.0

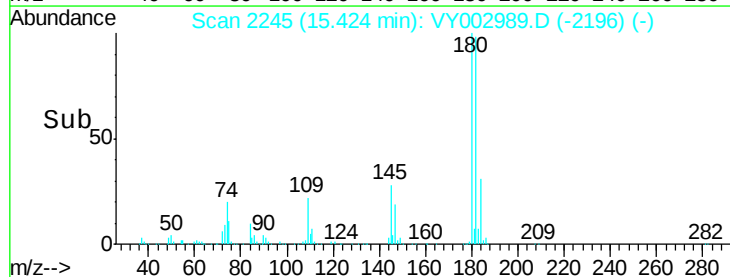


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.42



Time-->