

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002224.D
 Acq On : 03 Apr 2020 17:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 00:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	145123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	268678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	248058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	77219	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	7.74	113	74496	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	10.19	98	301549	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.49	95	106444	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	43532	46.095	ug/l	100
3) Chloromethane	2.12	50	73348	43.249	ug/l	98
4) Vinyl Chloride	2.26	62	77873	45.148	ug/l	99
5) Bromomethane	2.66	94	56115	49.851	ug/l	97
6) Chloroethane	2.81	64	53205	48.039	ug/l	97
7) Trichlorofluoromethane	3.15	101	109884	46.489	ug/l	98
8) Diethyl Ether	3.55	74	49993	49.936	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	76010	49.014	ug/l	98
10) Methyl Iodide	4.11	142	83970	45.537	ug/l	99
11) Tert butyl alcohol	4.99	59	52222	276.224	ug/l	96
12) 1,1-Dichloroethene	3.90	96	76258	48.427	ug/l	90
13) Acrolein	3.75	56	48015	203.202	ug/l	98
14) Allyl chloride	4.50	41	139084	48.247	ug/l	99
15) Acrylonitrile	5.19	53	137502	262.042	ug/l	99
16) Acetone	3.97	43	94296	209.210	ug/l	99
17) Carbon Disulfide	4.22	76	242085	46.324	ug/l	99
18) Methyl Acetate	4.50	43	58921	50.342	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	227341	51.752	ug/l	99
20) Methylene Chloride	4.75	84	94312	50.602	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	89985	50.188	ug/l	97
22) Diisopropyl ether	6.14	45	299562	50.777	ug/l	98
23) Vinyl Acetate	6.09	43	987179	255.182	ug/l	98
24) 1,1-Dichloroethane	6.05	63	159150	50.738	ug/l	99
25) 2-Butanone	7.01	43	169601	245.056	ug/l	97
26) 2,2-Dichloropropane	7.01	77	123341	47.744	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	101076	51.243	ug/l	99
28) Bromochloromethane	7.36	49	72153	50.385	ug/l	98
29) Tetrahydrofuran	7.37	42	114729	252.841	ug/l	98
30) Chloroform	7.53	83	152771	51.383	ug/l	98
31) Cyclohexane	7.81	56	153966	46.065	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	124670	50.222	ug/l	99
36) 1,1-Dichloropropene	7.94	75	124010	48.798	ug/l	100
37) Ethyl Acetate	7.10	43	76140	49.579	ug/l	98
38) Carbon Tetrachloride	7.92	117	105494	48.928	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	166317	49.893	ug/l	97
40) Benzene	8.18	78	379684	50.438	ug/l	100
41) Methacrylonitrile	7.37	41	102059	131.382	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	98363	49.218	ug/l	99
43) Isopropyl Acetate	8.29	43	142960	50.155	ug/l	99
44) Trichloroethene	8.96	130	91064	50.185	ug/l	95
45) 1,2-Dichloropropane	9.24	63	98839	51.567	ug/l	99
46) Dibromomethane	9.32	93	51217	52.031	ug/l	99
47) Bromodichloromethane	9.51	83	118740	51.817	ug/l	97
48) Methyl methacrylate	9.31	41	63332	49.581	ug/l	97
49) 1,4-Dioxane	9.31	88	13945	1032.378	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	380983	259.576	ug/l	97
52) Toluene	10.25	92	232872	51.147	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	129865	51.060	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	155237	51.840	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	75124	51.565	ug/l	96
56) Ethyl methacrylate	10.52	69	111109	52.216	ug/l	96
57) 1,3-Dichloropropane	10.80	76	132907	51.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	280740	256.761	ug/l	99
59) 2-Hexanone	10.85	43	254700	246.353	ug/l	97
60) Dibromochloromethane	11.00	129	81683	53.580	ug/l	100
61) 1,2-Dibromoethane	11.10	107	71076	52.123	ug/l	98
64) Tetrachloroethene	10.73	164	77497	51.063	ug/l	98
65) Chlorobenzene	11.53	112	241235	50.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	81769	51.044	ug/l	100
67) Ethyl Benzene	11.60	91	448178	50.396	ug/l	99
68) m/p-Xylenes	11.71	106	332052	100.985	ug/l	98
69) o-Xylene	12.04	106	158611	50.851	ug/l	98
70) Styrene	12.05	104	277009	51.251	ug/l	99
71) Bromoform	12.22	173	46937	53.496	ug/l #	99
73) Isopropylbenzene	12.34	105	419356	50.601	ug/l	100
74) N-amyl acetate	12.15	43	129512	49.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	93707	52.545	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	117951	94.383	ug/l #	100
77) Bromobenzene	12.62	156	90701	51.268	ug/l	97
78) n-propylbenzene	12.68	91	518231	50.389	ug/l	100
79) 2-Chlorotoluene	12.77	91	284512	50.384	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	348318	50.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	32088	49.744	ug/l	97
82) 4-Chlorotoluene	12.86	91	296034	49.750	ug/l	98
83) tert-Butylbenzene	13.08	119	290322	50.868	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	347472	50.934	ug/l	100
85) sec-Butylbenzene	13.27	105	427609	50.584	ug/l	100
86) p-Isopropyltoluene	13.38	119	373043	51.387	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	175054	50.580	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	178118	51.143	ug/l	100
89) n-Butylbenzene	13.70	91	377348	49.889	ug/l	99
90) Hexachloroethane	13.97	117	70807	51.763	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	162310	50.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14598	51.102	ug/l	98

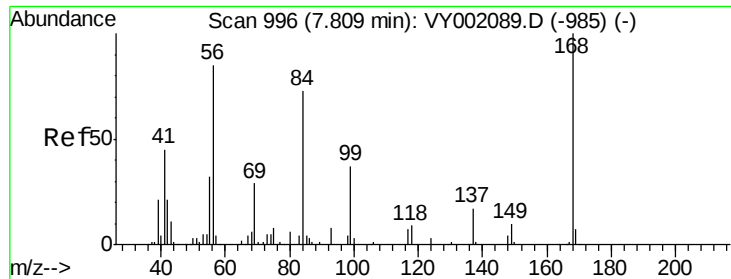
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	105588	51.254	ug/l	98
94) Hexachlorobutadiene	15.12	225	50524	49.685	ug/l	99
95) Naphthalene	15.25	128	255800	52.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	93086	49.829	ug/l	98

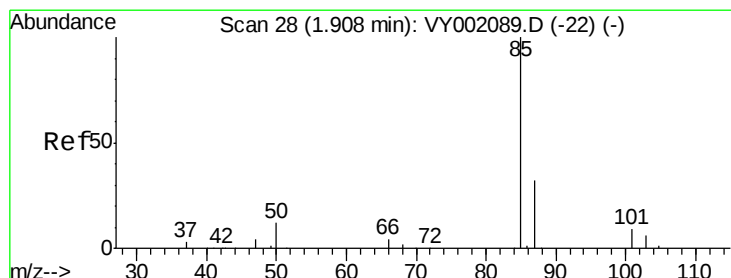
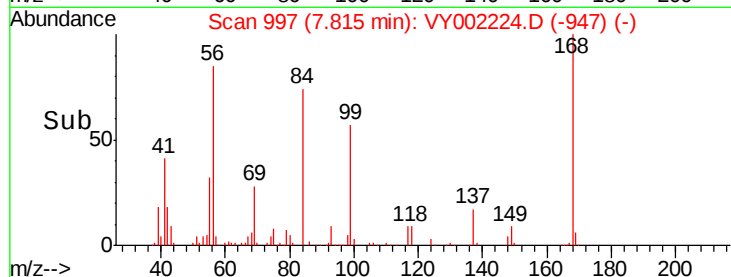
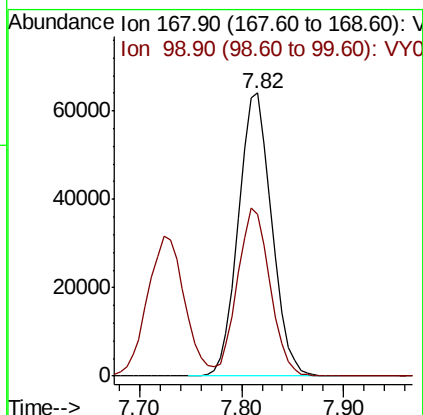
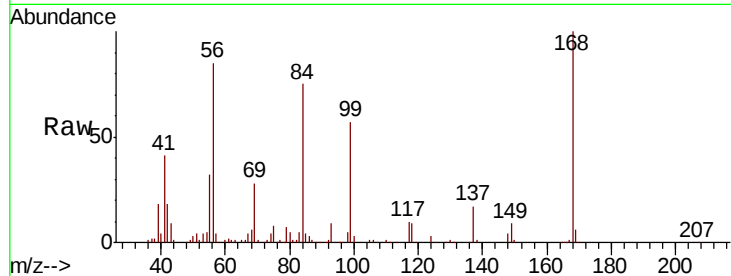
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

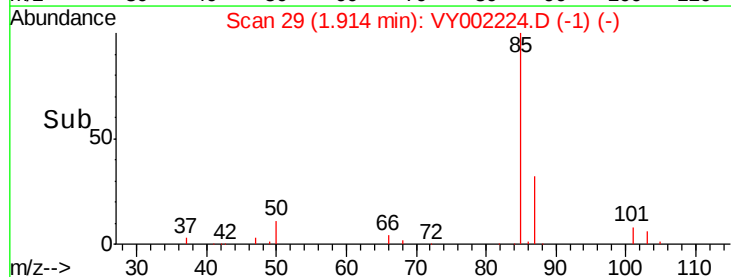
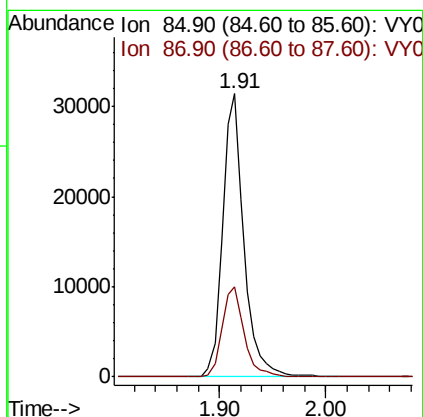
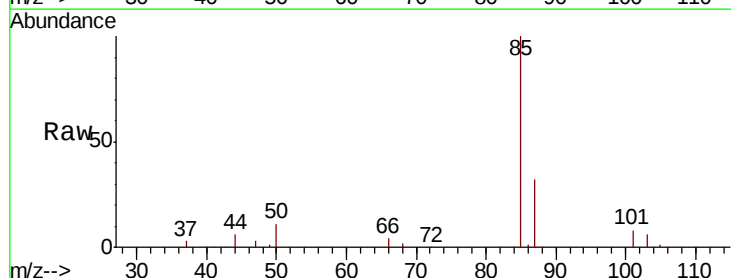
Instrument :
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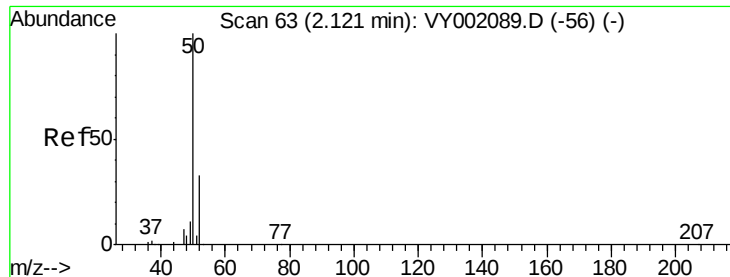
Tot Ion:168 Resp: 145123
Ion Ratio Lower Upper
168 100
99 57.0 47.6 71.4



#2
Dichlorodifluoromethane
Concen: 46.095 ug/l
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 85 Resp: 43532
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0





#3

Chloromethane

Concen: 43.249 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

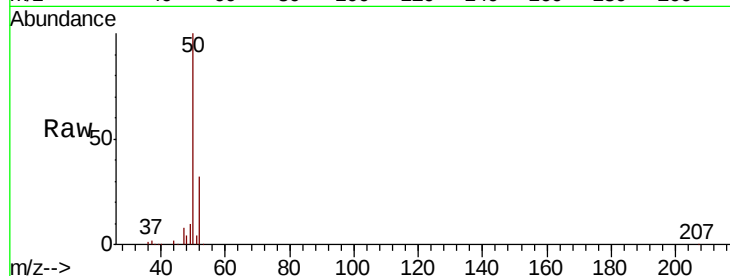
VSTDCCC050EC

Tot Ion: 50 Resp: 73348

Ion Ratio Lower Upper

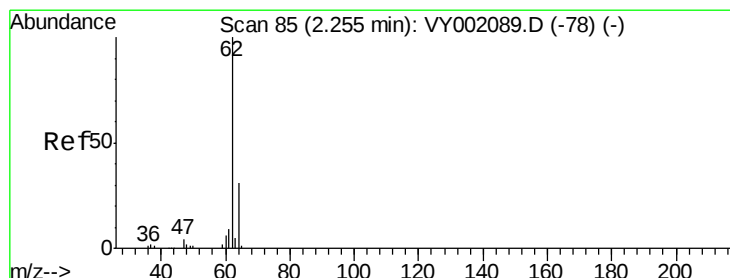
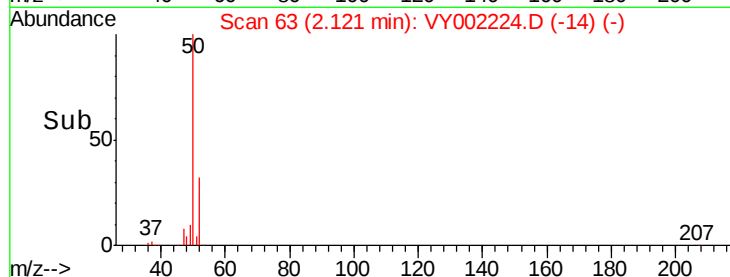
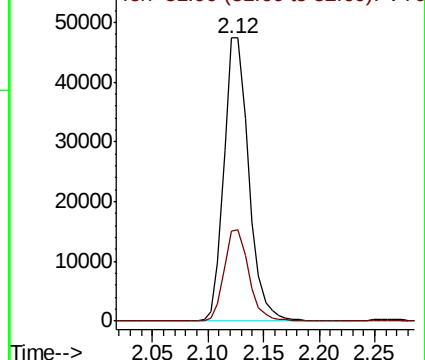
50 100

52 31.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.148 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002224.D

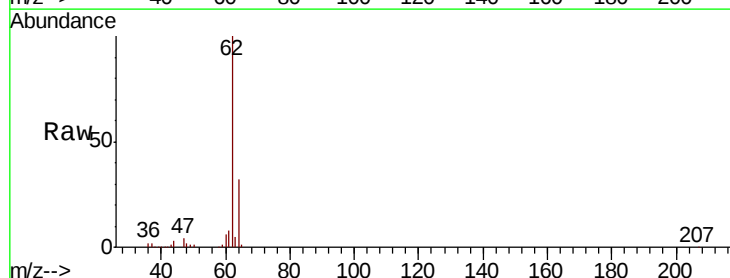
Acq: 03 Apr 2020 17:24

Tgt Ion: 62 Resp: 77873

Ion Ratio Lower Upper

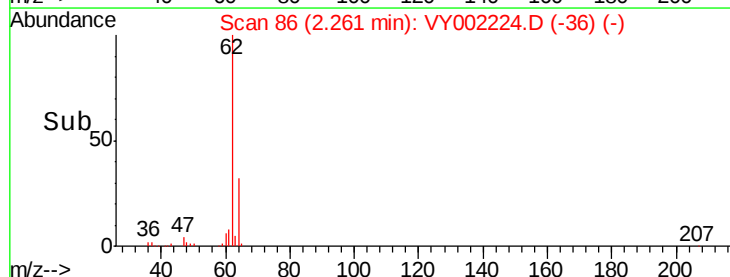
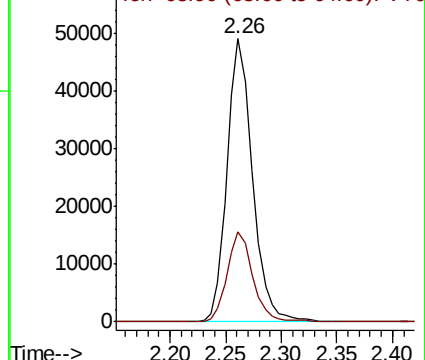
62 100

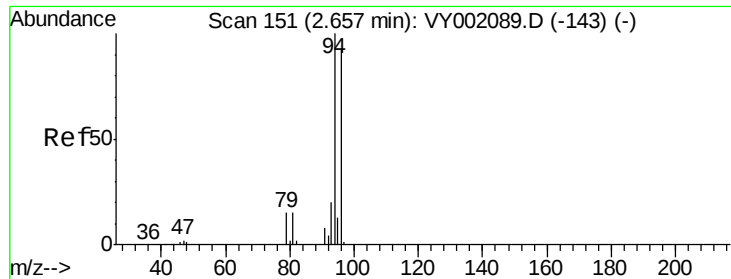
64 31.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.851 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

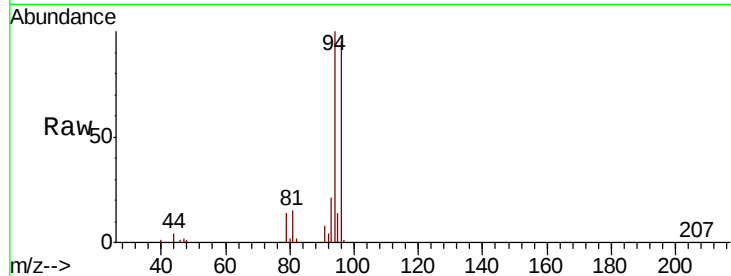
VSTDCCC050EC

Tot Ion: 94 Resp: 56115

Ion Ratio Lower Upper

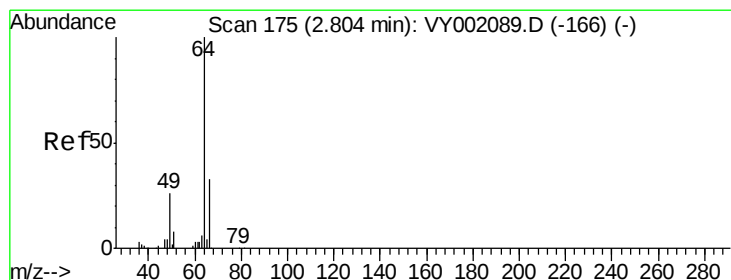
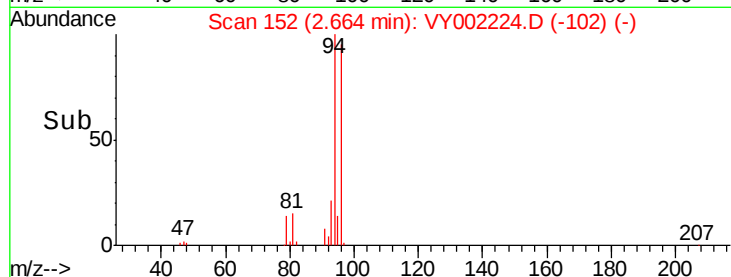
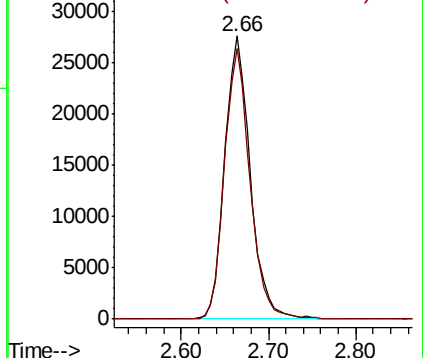
94 100

96 95.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.039 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002224.D

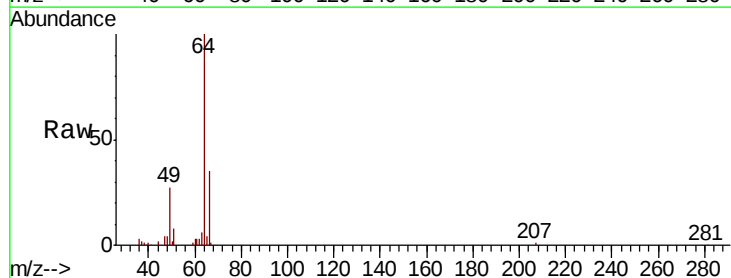
Acq: 03 Apr 2020 17:24

Tgt Ion: 64 Resp: 53205

Ion Ratio Lower Upper

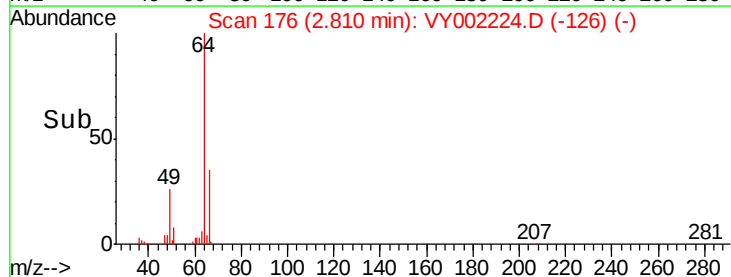
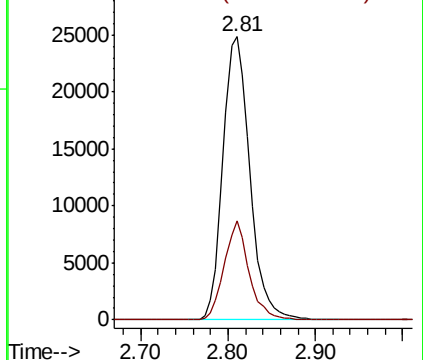
64 100

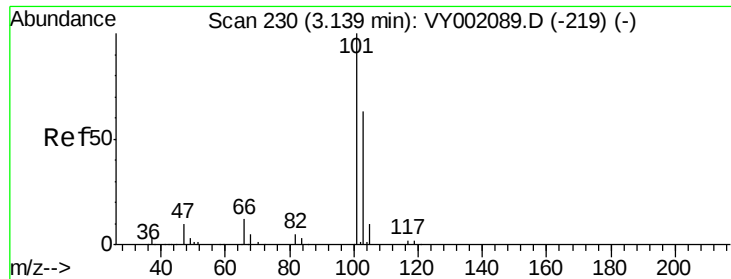
66 35.1 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



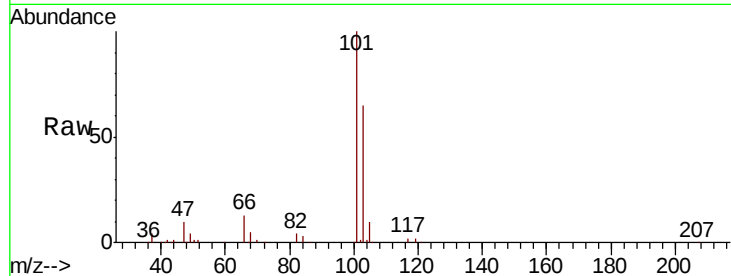


#7

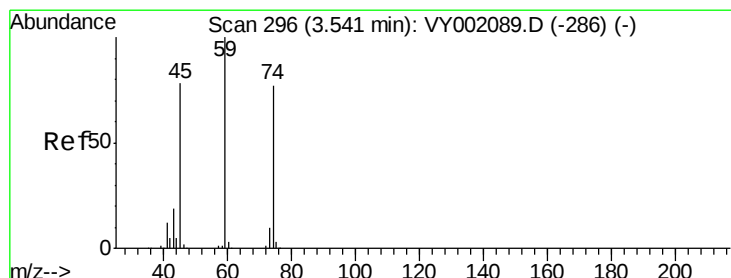
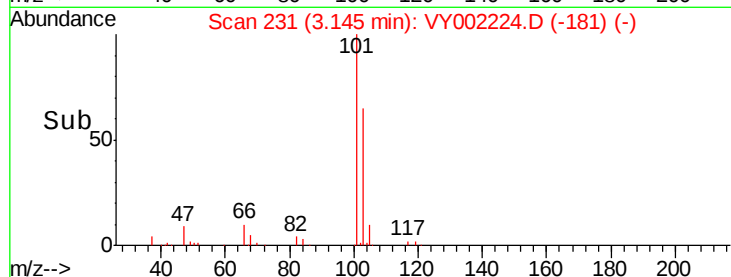
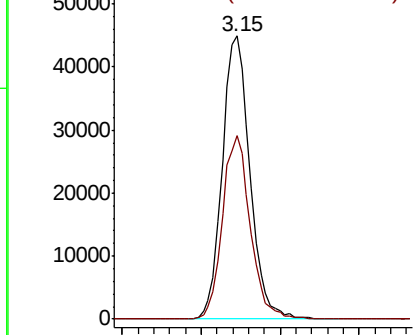
Trichlorofluoromethane
 Concen: 46.489 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Instrument :
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 VSTDCCC050EC

Tot Ion:101 Resp: 109884
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.6 76.0



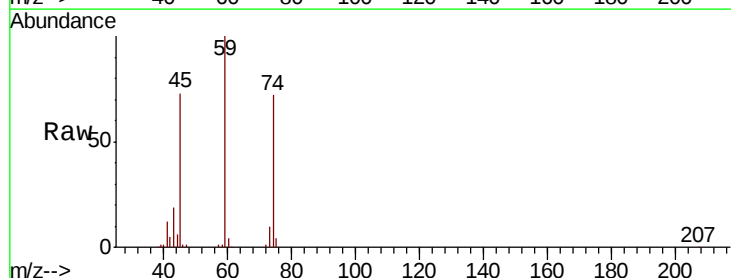
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



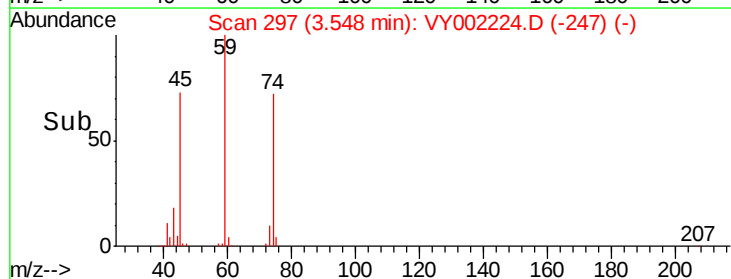
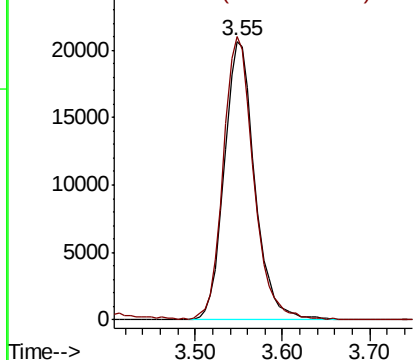
#8

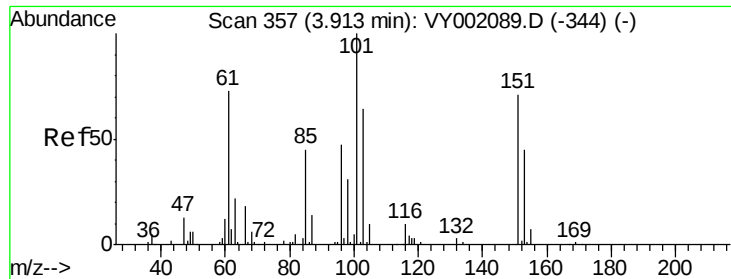
Diethyl Ether
 Concen: 49.936 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 74 Resp: 49993
 Ion Ratio Lower Upper
 74 100
 45 101.7 51.0 153.0



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: 49.014 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

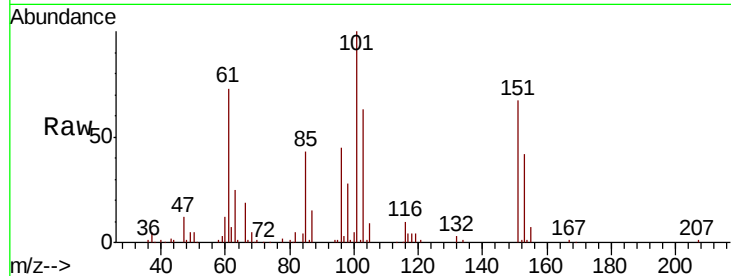
Tot Ion:101 Resp: 76010

Ion Ratio Lower Upper

101 100

85 43.4 35.9 53.9

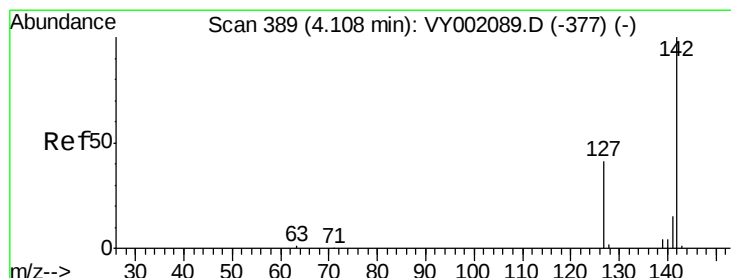
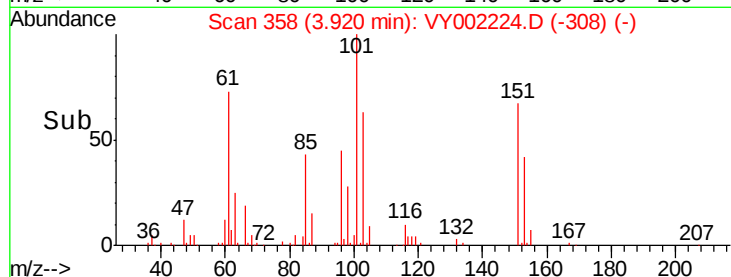
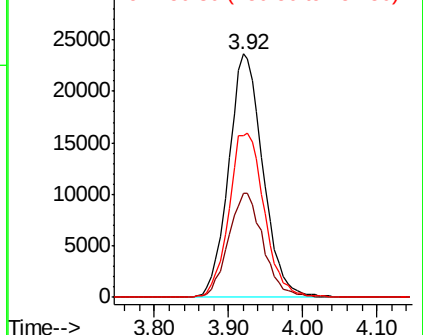
151 69.7 57.5 86.3



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: 45.537 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

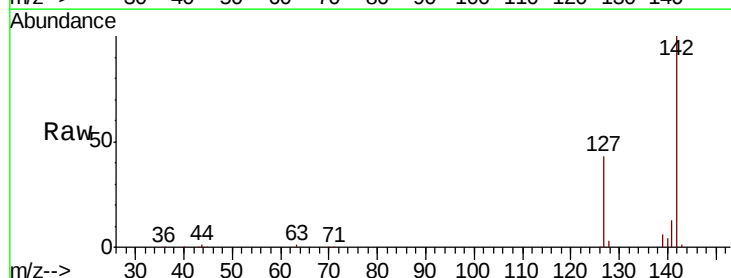
Tgt Ion:142 Resp: 83970

Ion Ratio Lower Upper

142 100

127 41.4 32.6 49.0

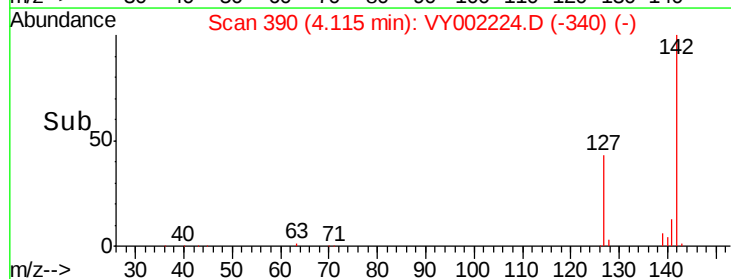
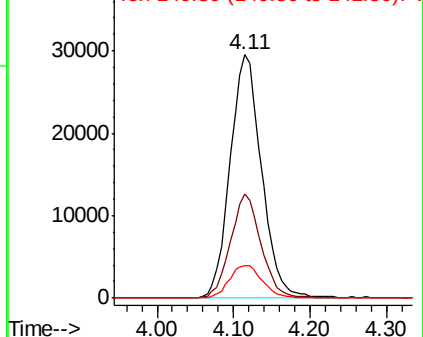
141 14.1 11.4 17.0

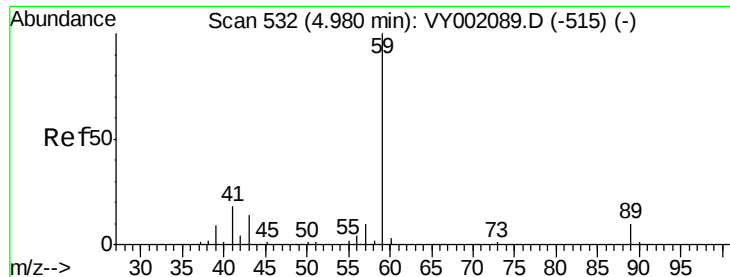


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

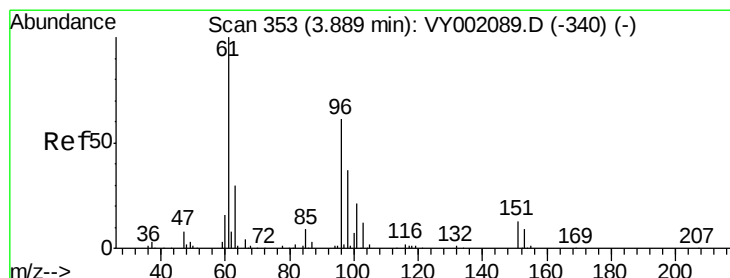
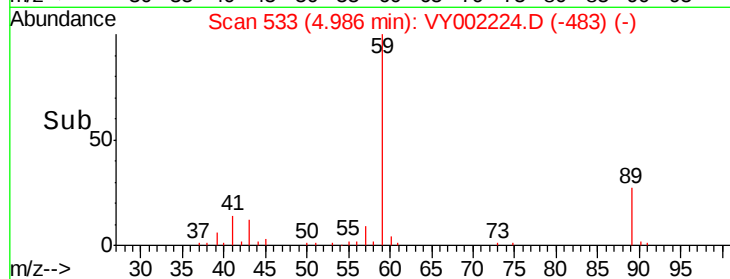
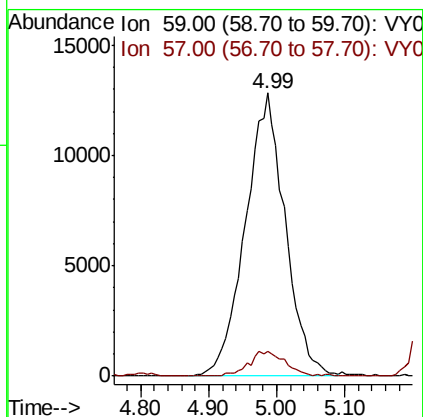
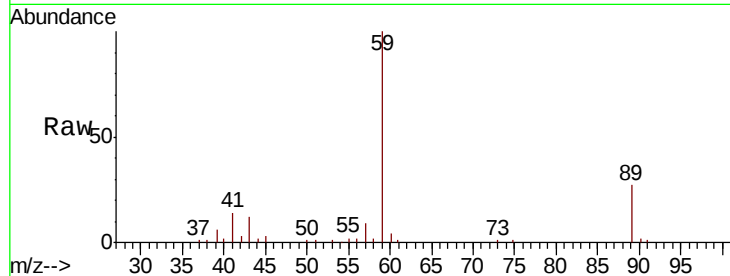




#11
Tert butyl alcohol
Concen: 276.224 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

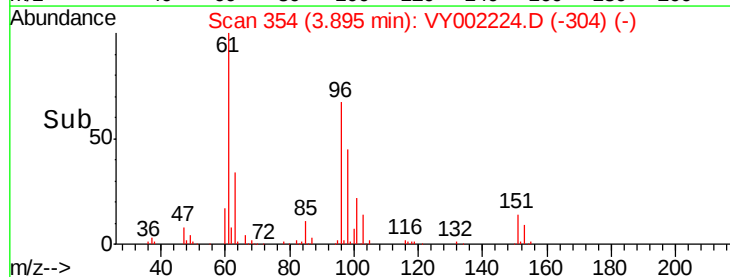
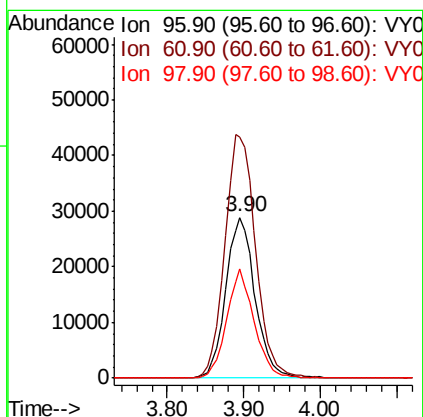
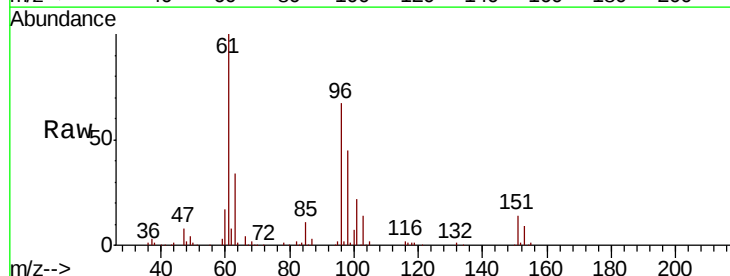
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

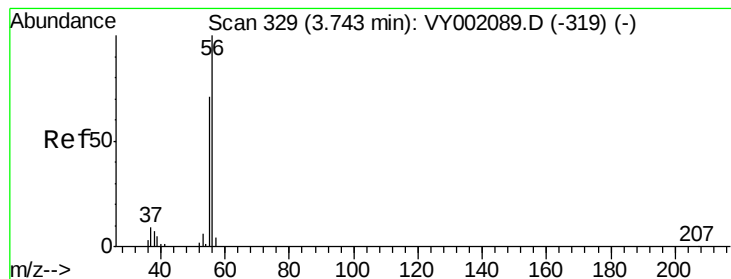
Tot Ion: 59 Resp: 52222
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.427 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 96 Resp: 76258
Ion Ratio Lower Upper
96 100
61 150.0 132.0 198.0
98 67.7 49.4 74.0





#13

Acrolein

Concen: 203.202 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

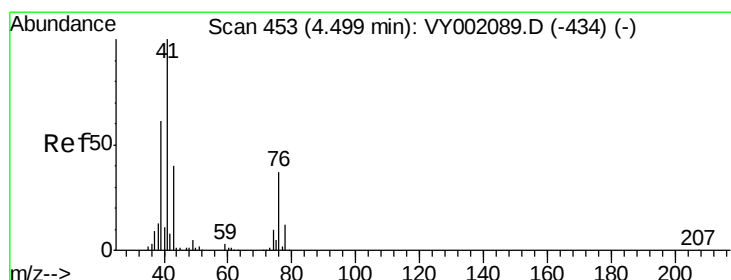
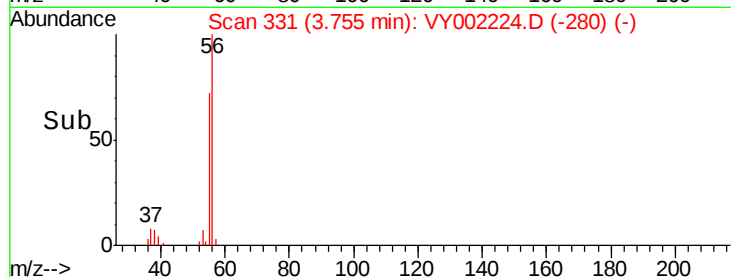
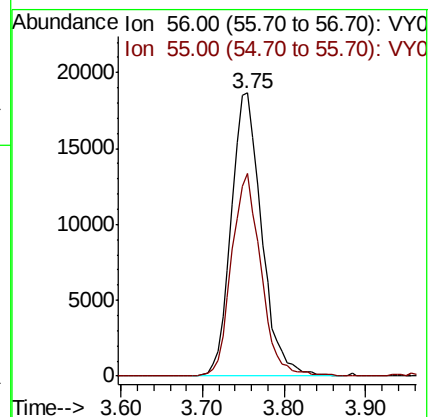
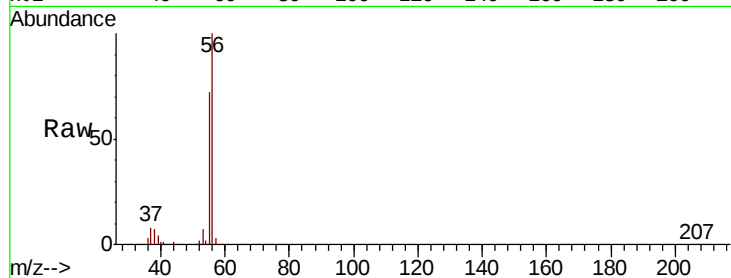
VSTDCCC050EC

Tot Ion: 56 Resp: 48015

Ion Ratio Lower Upper

56 100

55 69.0 56.5 84.7



#14

Allyl chloride

Concen: 48.247 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

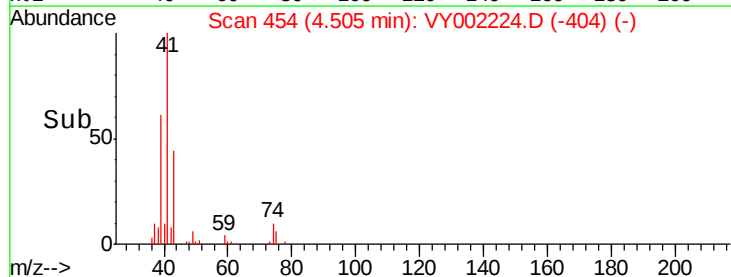
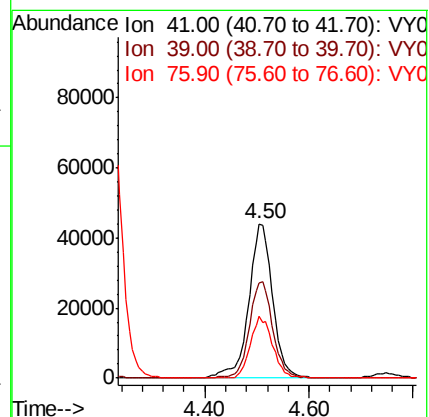
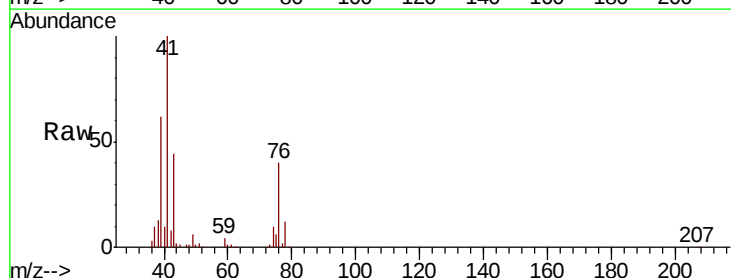
Tgt Ion: 41 Resp: 139084

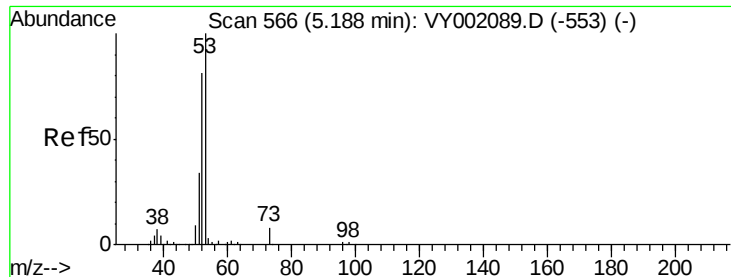
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 37.1 27.8 41.8





#15

Acrylonitrile

Concen: 262.042 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

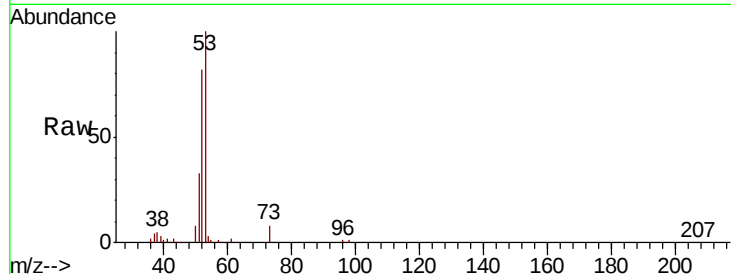
Tot Ion: 53 Resp: 137502

Ion Ratio Lower Upper

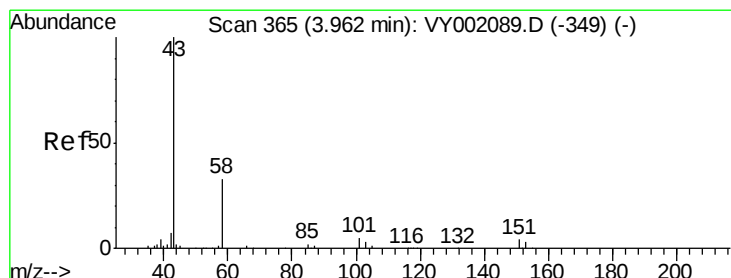
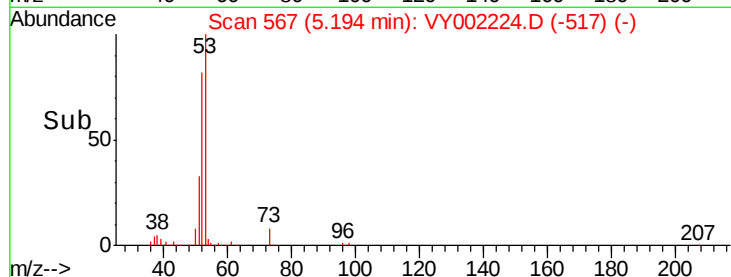
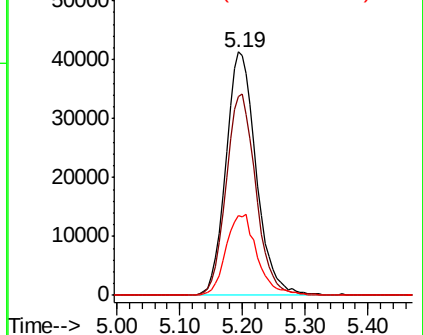
53 100

52 81.4 64.6 97.0

51 34.4 27.9 41.9



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



#16

Acetone

Concen: 209.210 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002224.D

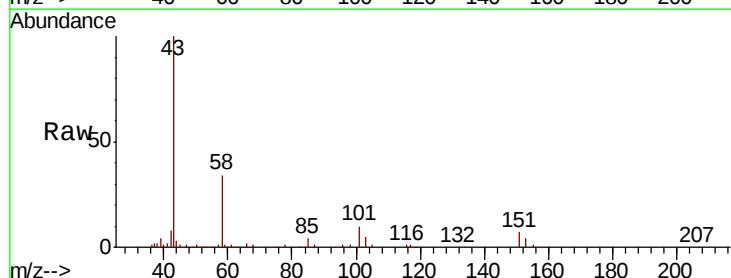
Acq: 03 Apr 2020 17:24

Tgt Ion: 43 Resp: 94296

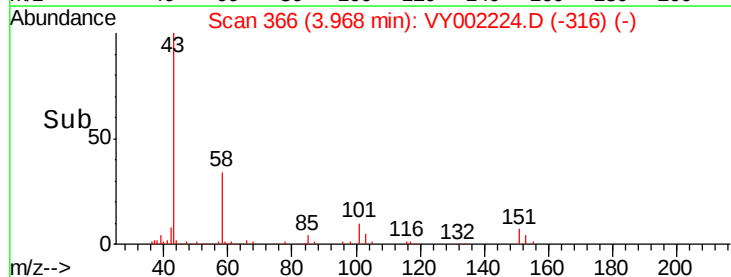
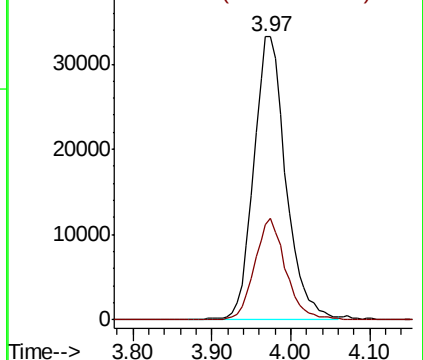
Ion Ratio Lower Upper

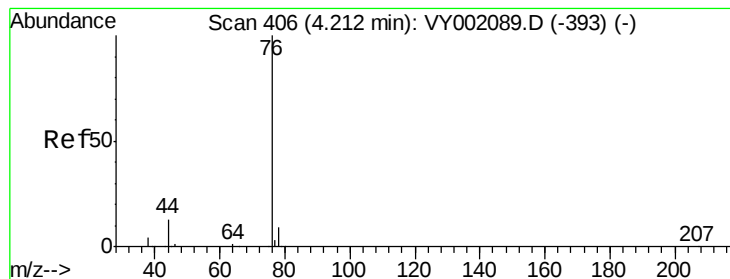
43 100

58 33.6 26.3 39.5



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





#17

Carbon Disulfide

Concen: 46.324 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

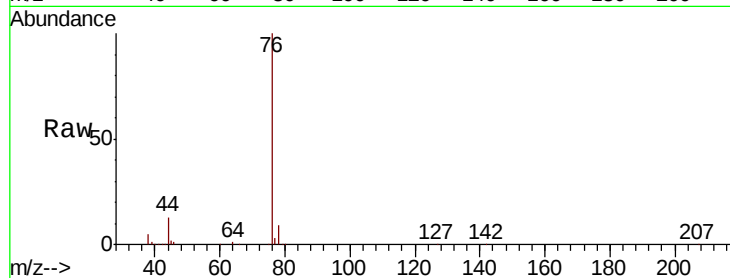
VSTDCCC050EC

Tot Ion: 76 Resp: 242085

Ion Ratio Lower Upper

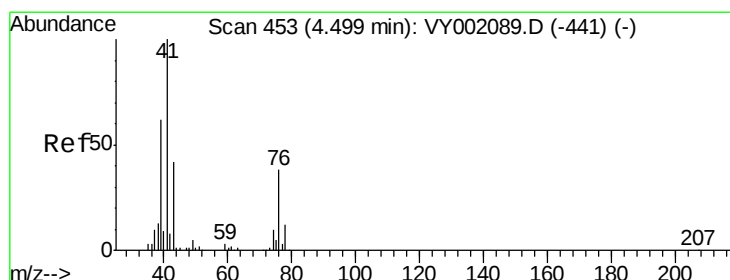
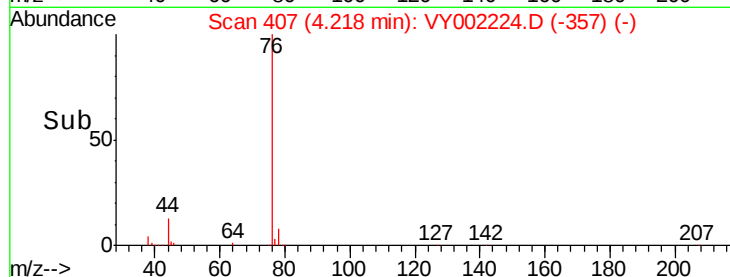
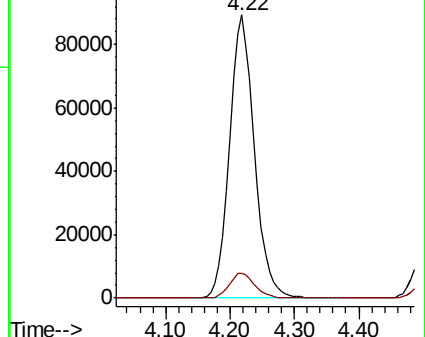
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002089.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002089.D (-393) (-)



#18

Methyl Acetate

Concen: 50.342 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002224.D

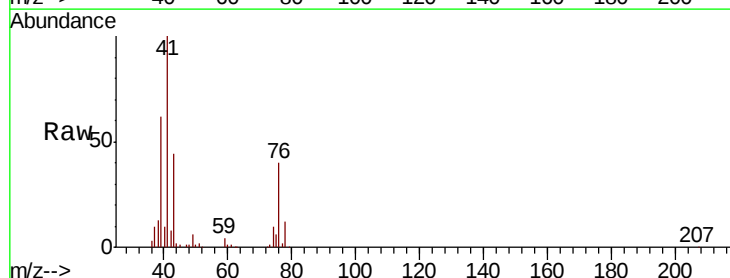
Acq: 03 Apr 2020 17:24

Tgt Ion: 43 Resp: 58921

Ion Ratio Lower Upper

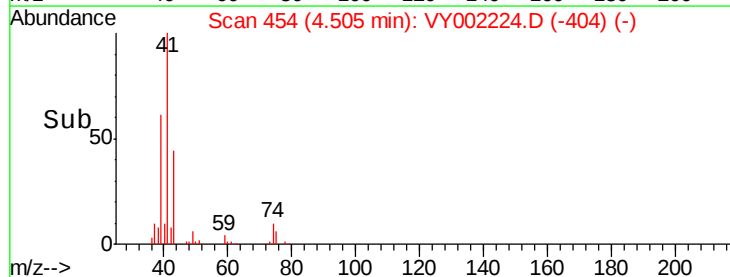
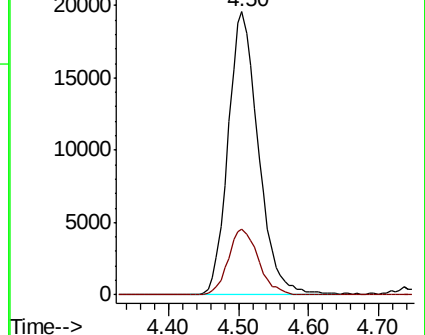
43 100

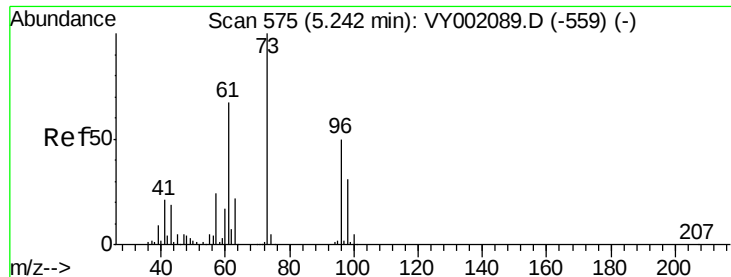
74 23.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY002089.D (-441) (-)



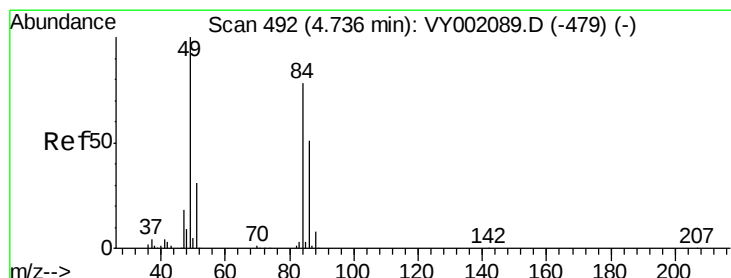
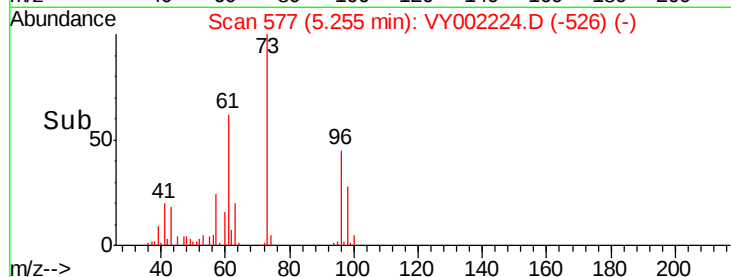
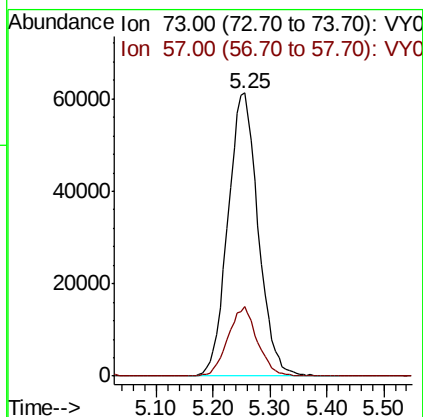
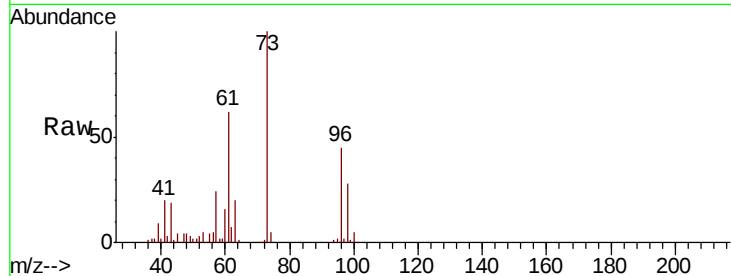


#19

Methyl tert-butyl Ether
 Concen: 51.752 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

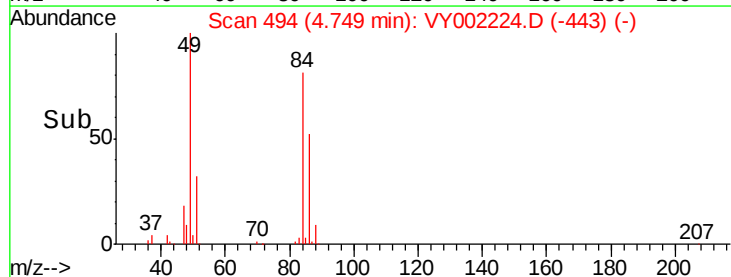
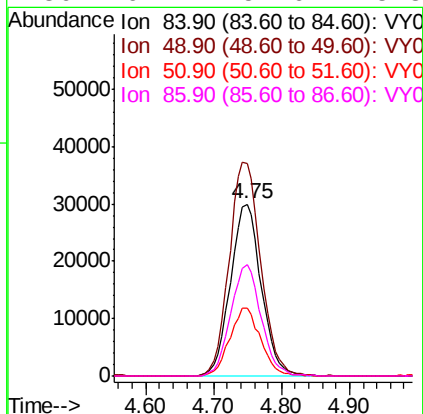
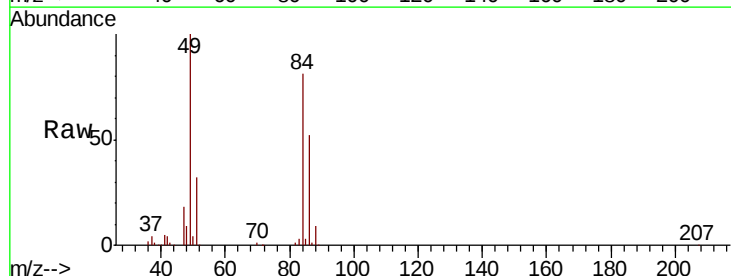
Tot Ion: 73 Resp: 227341
 Ion Ratio Lower Upper
 73 100
 57 24.4 19.0 28.6

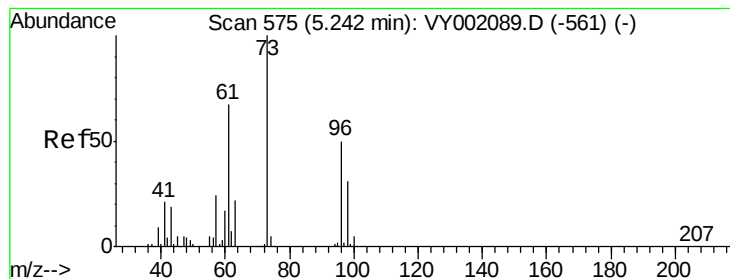


#20

Methylene Chloride
 Concen: 50.602 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 84 Resp: 94312
 Ion Ratio Lower Upper
 84 100
 49 123.6 102.2 153.4
 51 39.4 31.2 46.8
 86 64.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.188 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

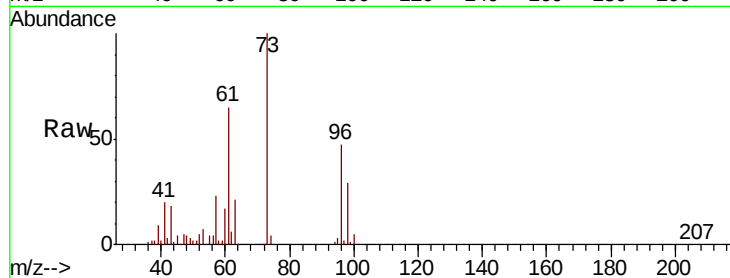
Tot Ion: 96 Resp: 89985

Ion Ratio Lower Upper

96 100

61 139.1 107.7 161.5

98 61.7 50.5 75.7

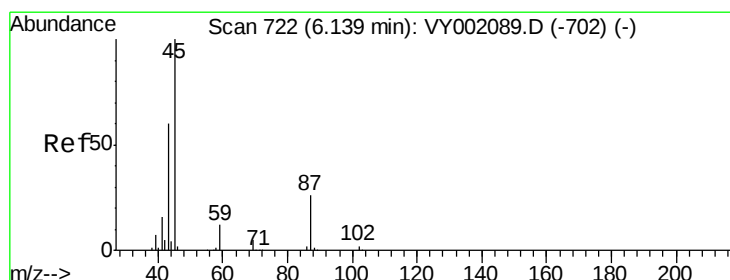
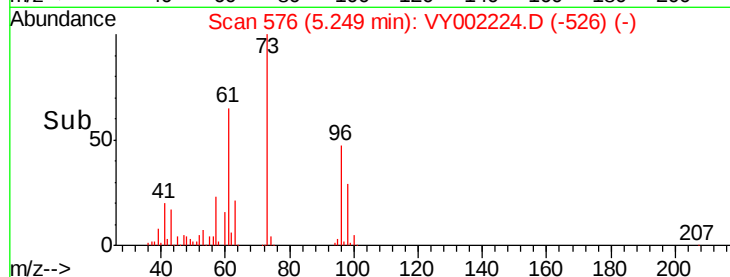
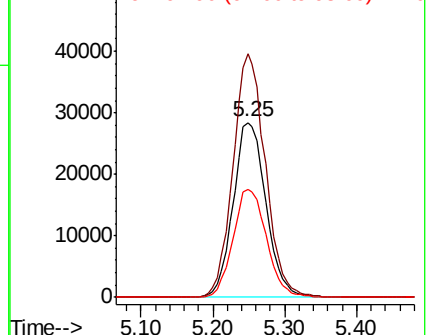


Abundance

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: 50.777 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Tgt Ion: 45 Resp: 299562

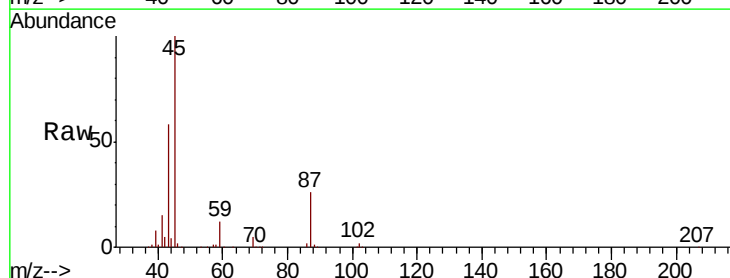
Ion Ratio Lower Upper

45 100

43 58.1 48.1 72.1

87 25.7 21.1 31.7

59 12.0 9.2 13.8



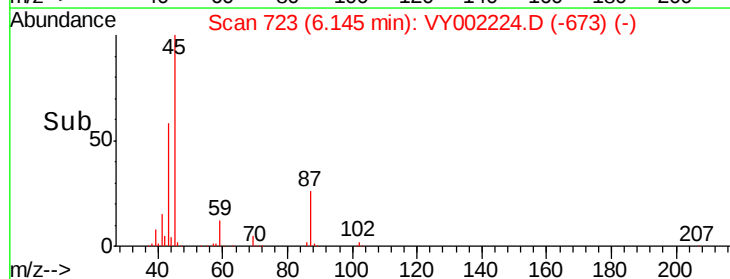
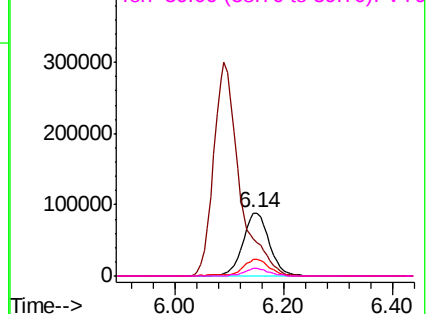
Abundance

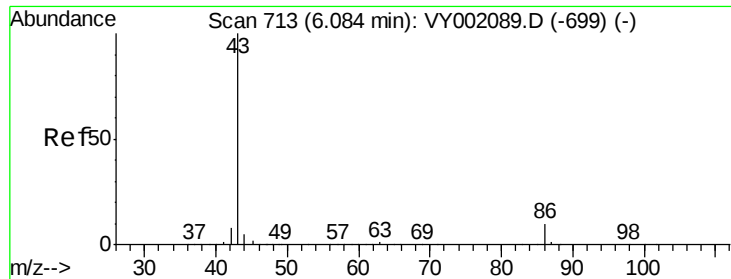
Ion 45.00 (44.70 to 45.70): VY0

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: 255.182 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

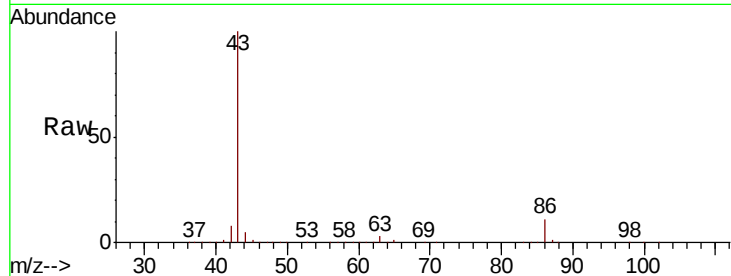
VSTDCCC050EC

Tot Ion: 43 Resp: 987179

Ion Ratio Lower Upper

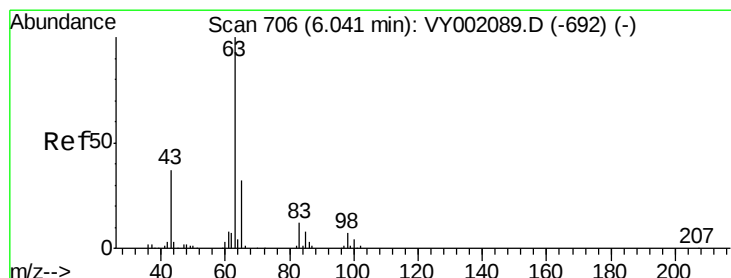
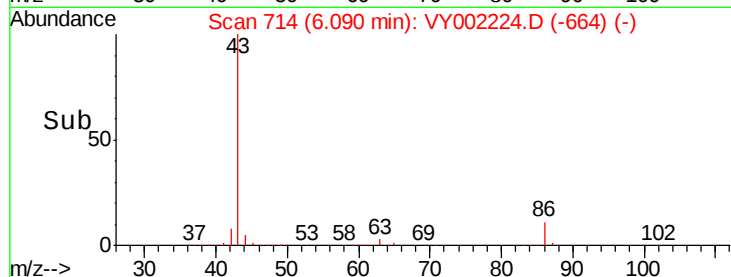
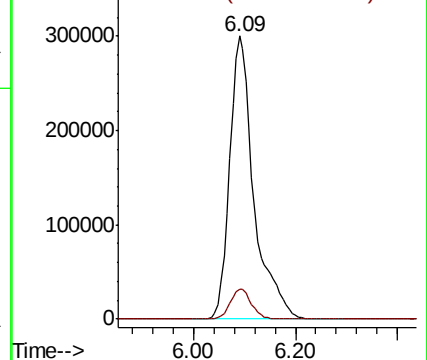
43 100

86 10.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.738 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

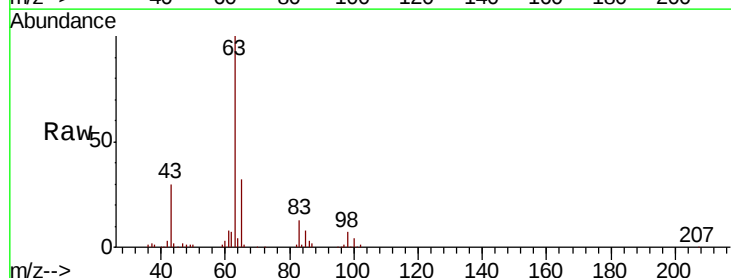
Tgt Ion: 63 Resp: 159150

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

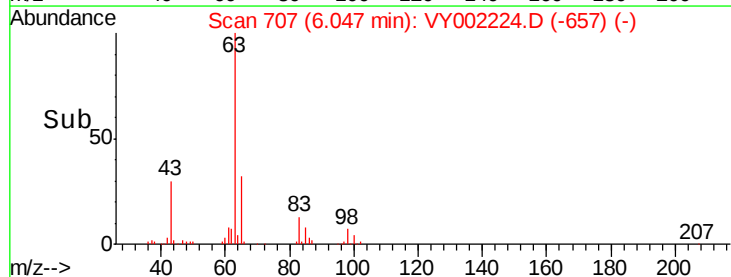
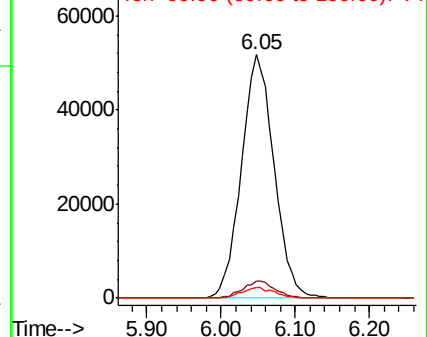
100 4.3 1.8 5.5

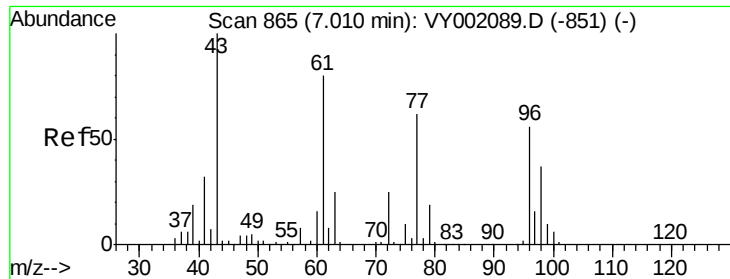


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 245.056 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

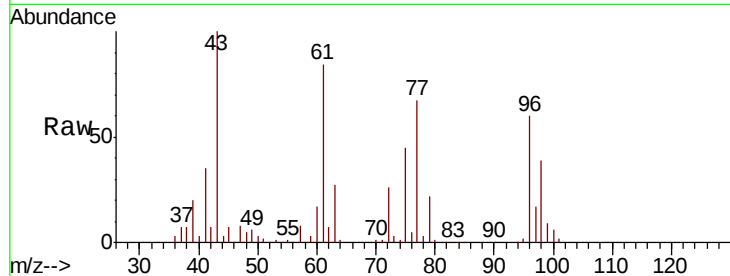
VSTDCCC050EC

Tot Ion: 43 Resp: 169601

Ion Ratio Lower Upper

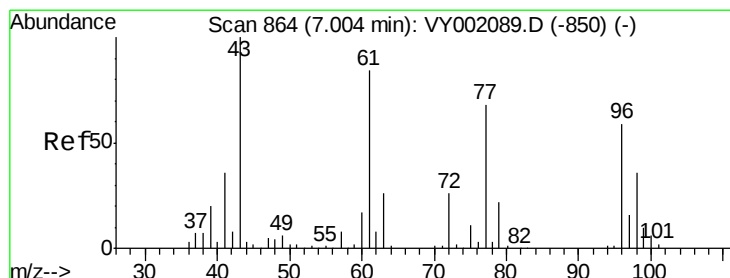
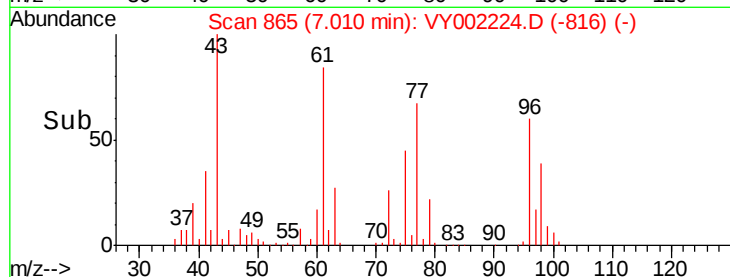
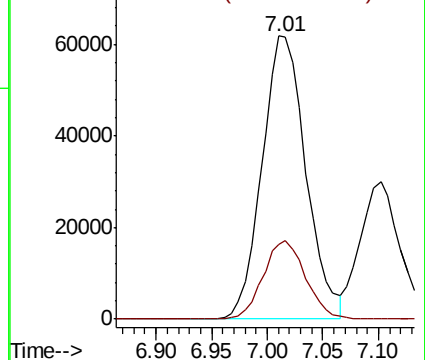
43 100

72 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.744 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002224.D

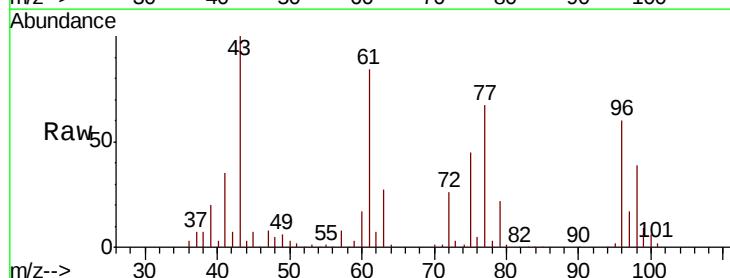
Acq: 03 Apr 2020 17:24

Tgt Ion: 77 Resp: 123341

Ion Ratio Lower Upper

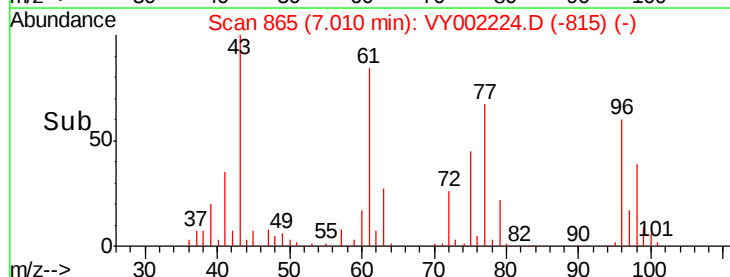
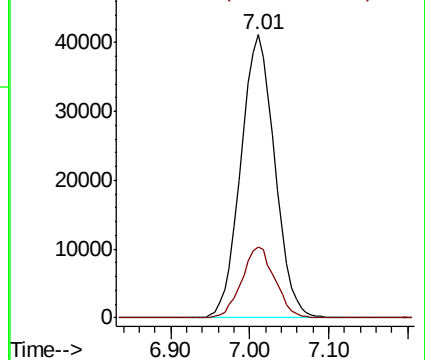
77 100

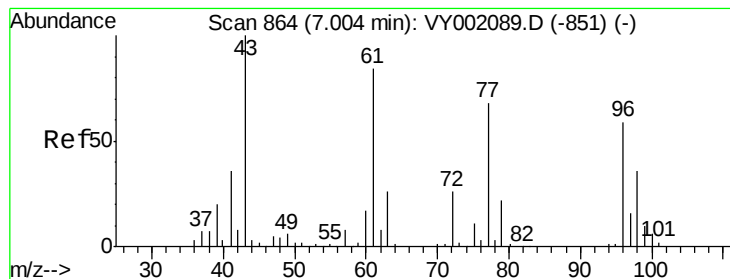
97 24.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



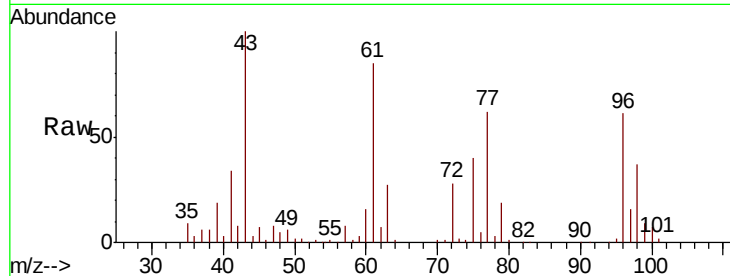


#27

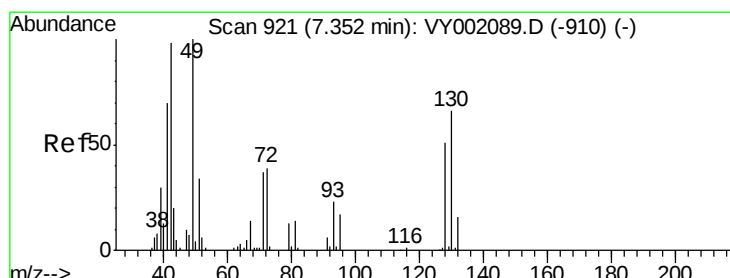
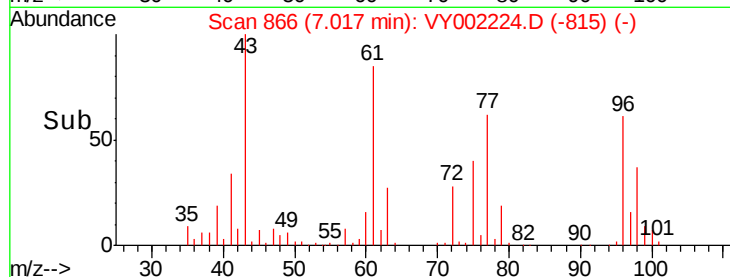
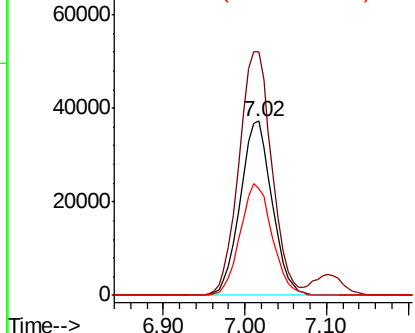
cis-1,2-Dichloroethene
 Concen: 51.243 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 101076
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 290.6
 98 64.5 0.0 128.0



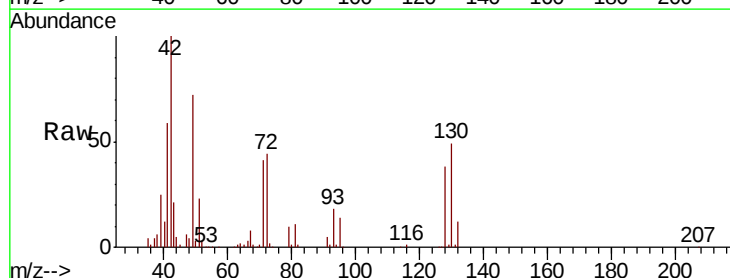
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



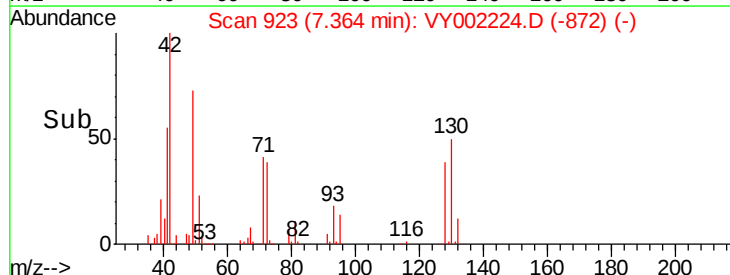
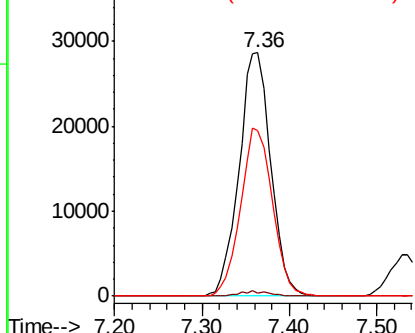
#28

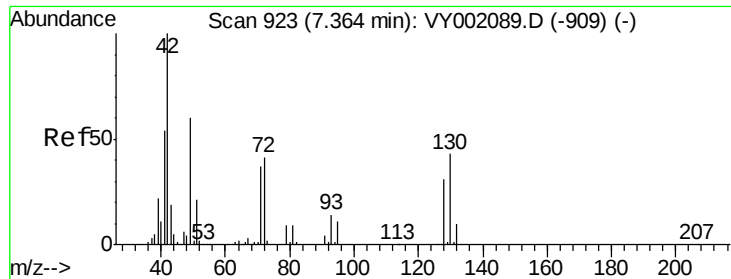
Bromochloromethane
 Concen: 50.385 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 49 Resp: 72153
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 69.4 54.1 81.1



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

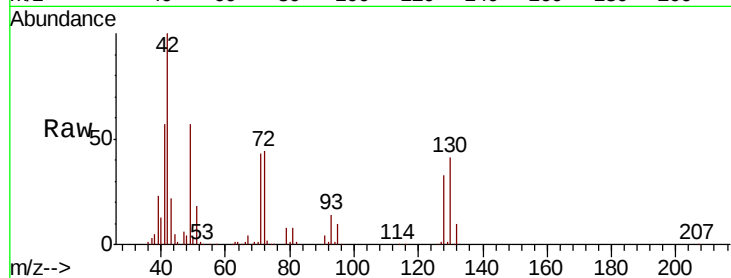




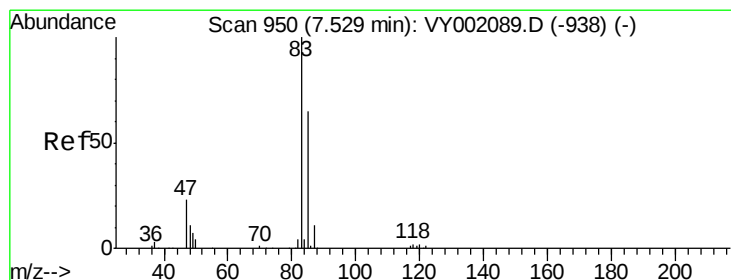
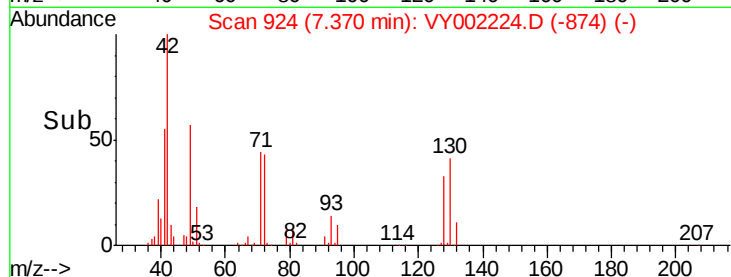
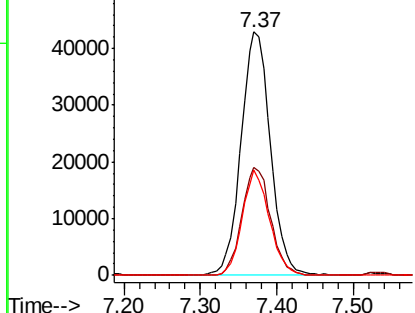
#29
Tetrahydrofuran
Concen: 252.841 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 114729
Ion Ratio Lower Upper
42 100
72 43.2 33.0 49.4
71 39.8 31.2 46.8

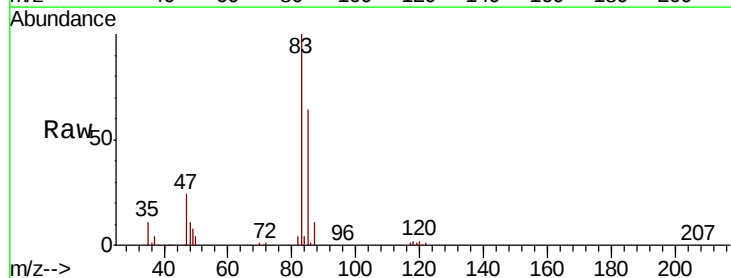


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

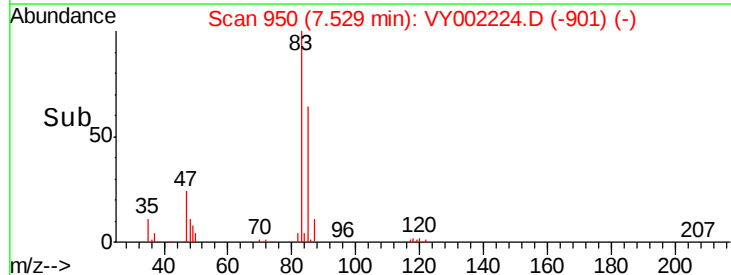
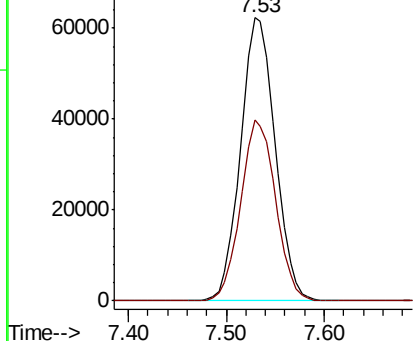


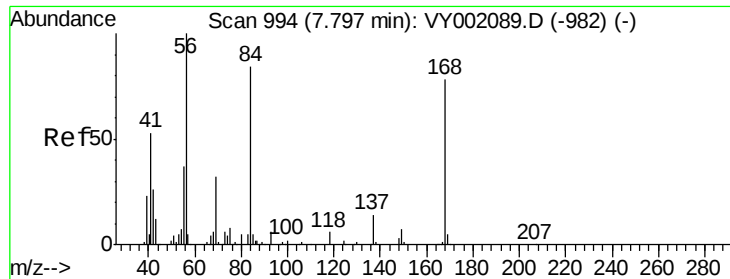
#30
Chloroform
Concen: 51.383 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 83 Resp: 152771
Ion Ratio Lower Upper
83 100
85 64.0 52.4 78.6



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

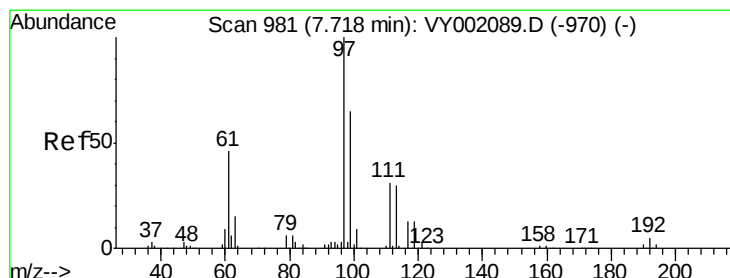
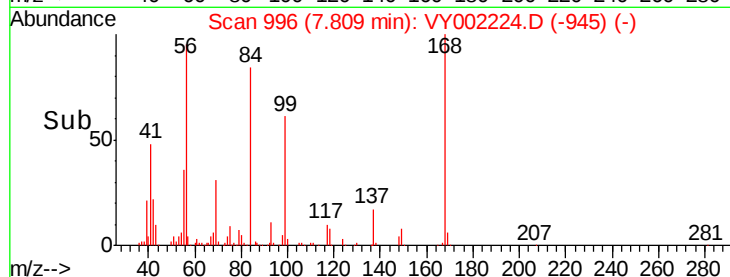
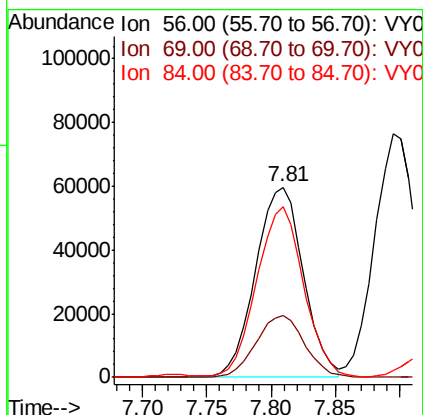
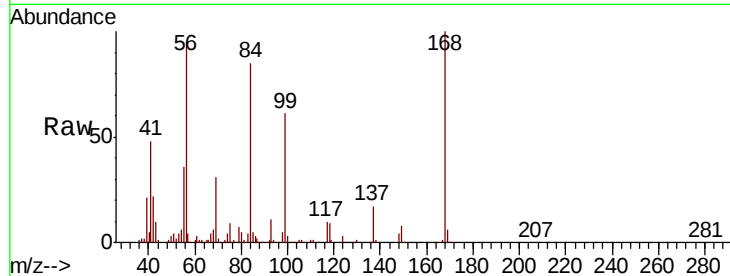




#31
Cyclohexane
Concen: 46.065 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

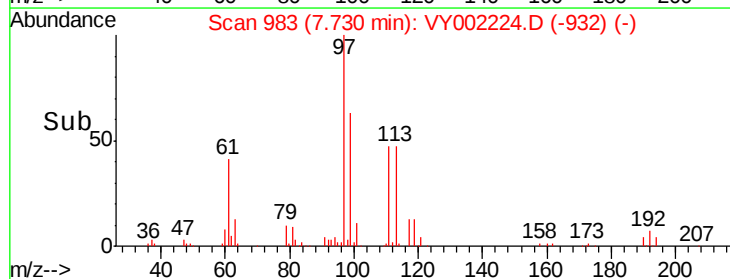
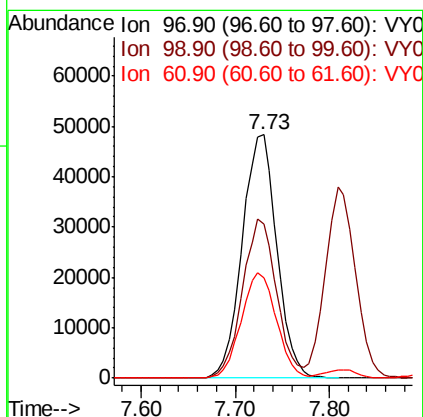
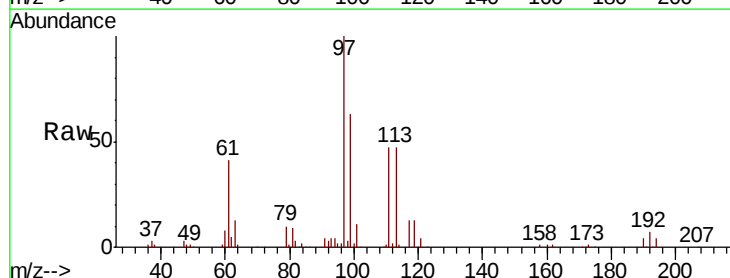
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

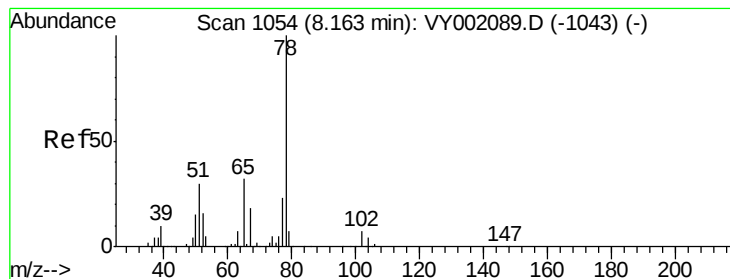
Tot Ion: 56 Resp: 153966
Ion Ratio Lower Upper
56 100
69 32.5 25.8 38.8
84 88.6 67.1 100.7



#32
1,1,1-Trichloroethane
Concen: 50.222 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 97 Resp: 124670
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.133 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

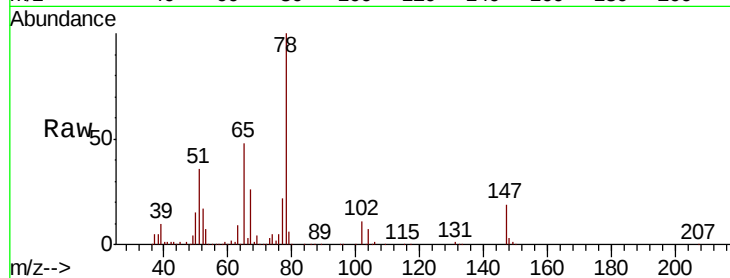
VSTDCCC050EC

Tot Ion: 65 Resp: 77219

Ion Ratio Lower Upper

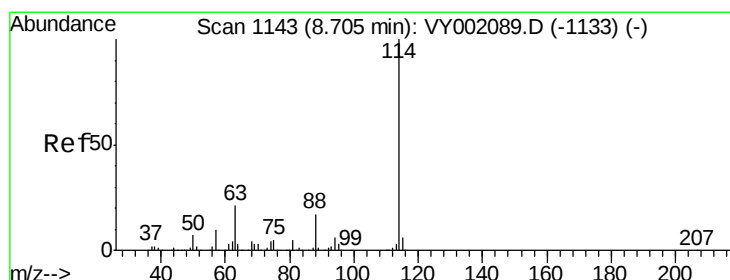
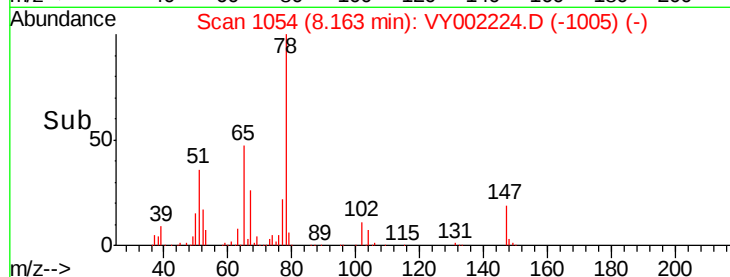
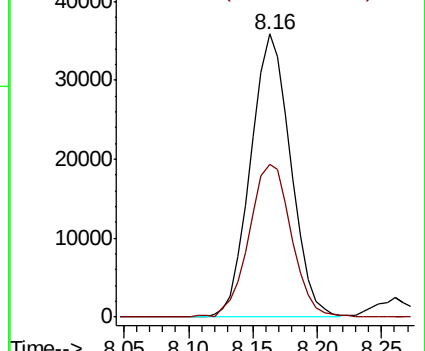
65 100

67 57.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

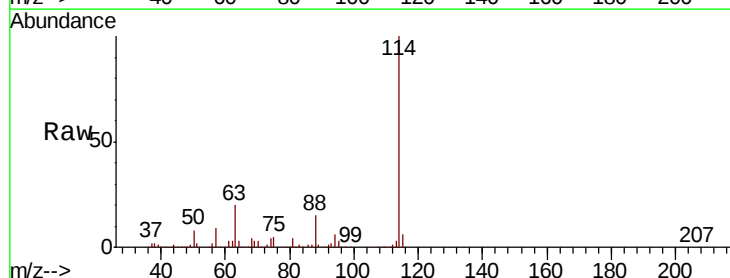
Tgt Ion: 114 Resp: 268678

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

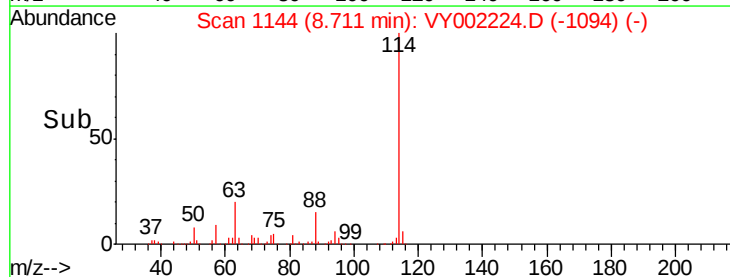
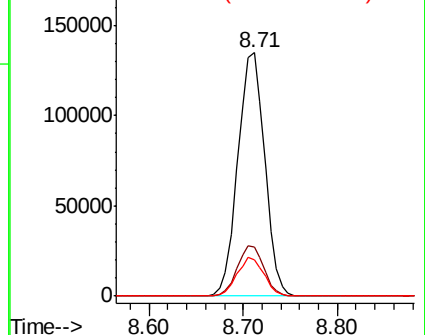
88 15.1 0.0 33.0

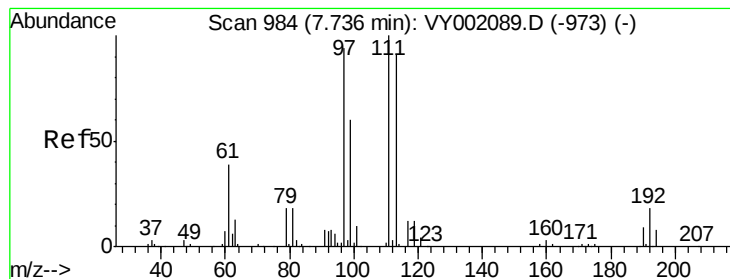


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.484 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

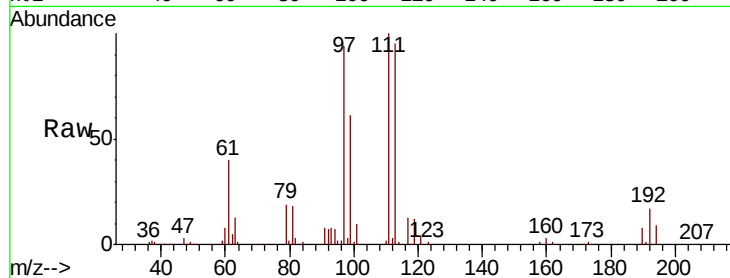
Tot Ion:113 Resp: 74496

Ion Ratio Lower Upper

113 100

111 101.5 84.4 126.6

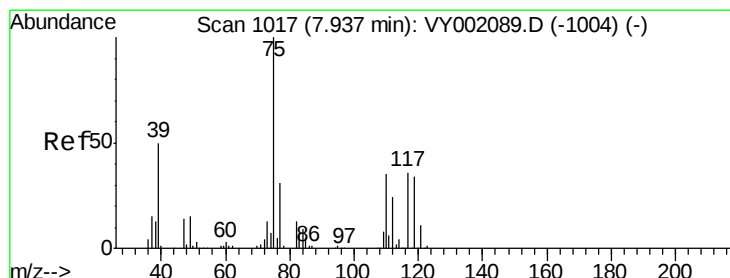
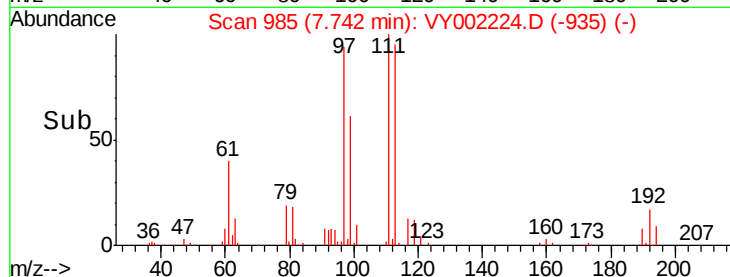
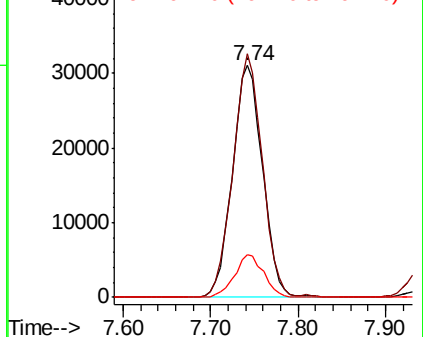
192 17.8 14.6 21.8

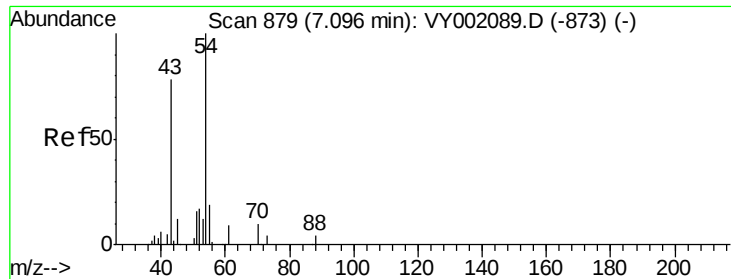


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

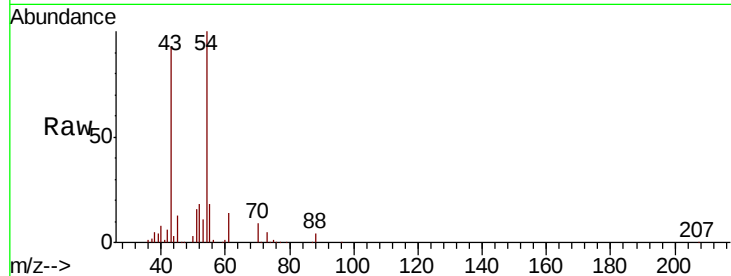




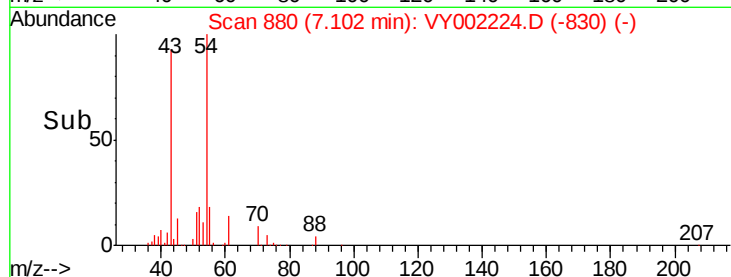
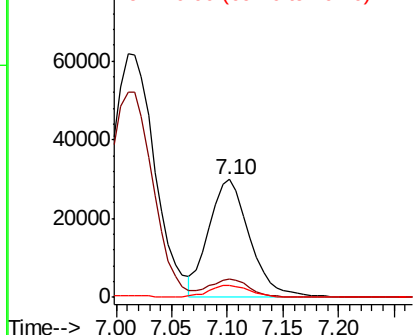
#37
Ethyl Acetate
Concen: 49.579 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 76140
Ion Ratio Lower Upper
43 100
61 15.0 11.2 16.8
70 10.6 8.2 12.4

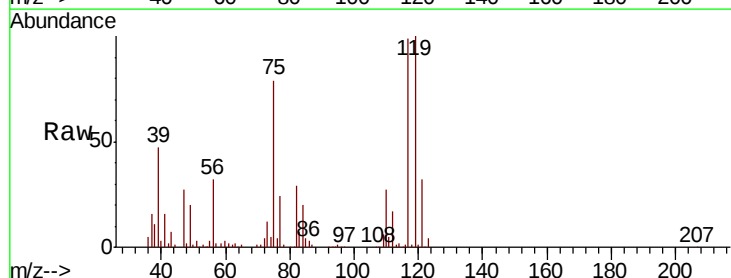
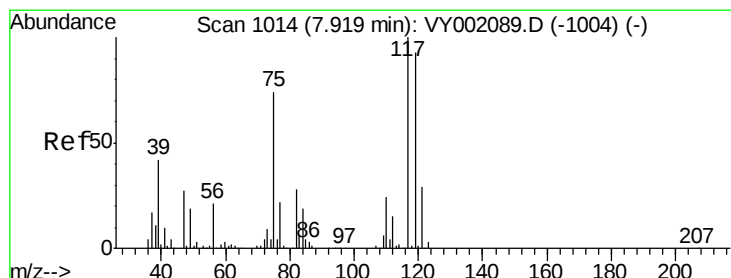


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

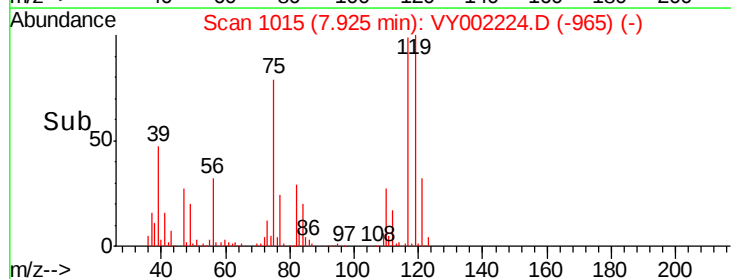
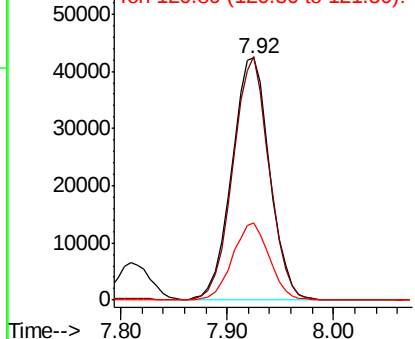


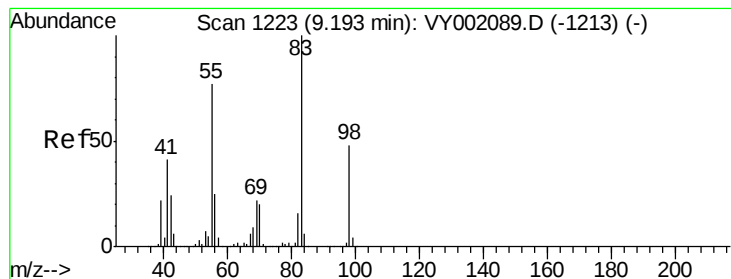
#38
Carbon Tetrachloride
Concen: 48.928 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 117 Resp: 105494
Ion Ratio Lower Upper
117 100
119 100.5 74.3 111.5
121 31.8 23.3 34.9



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

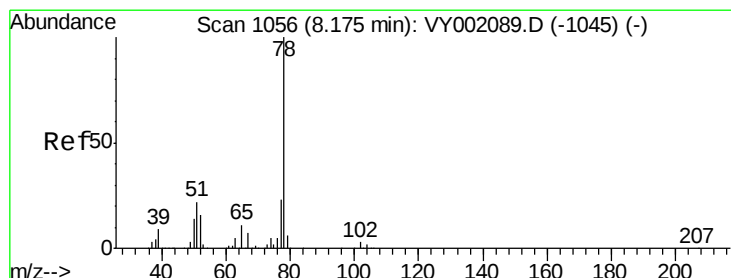
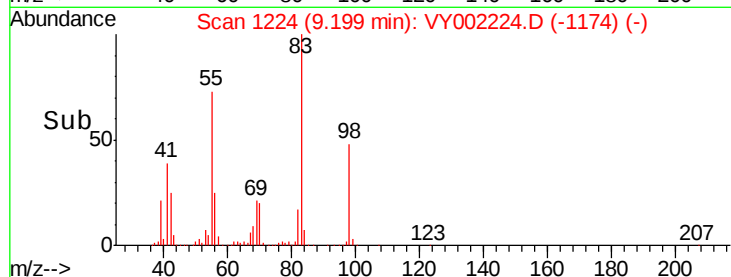
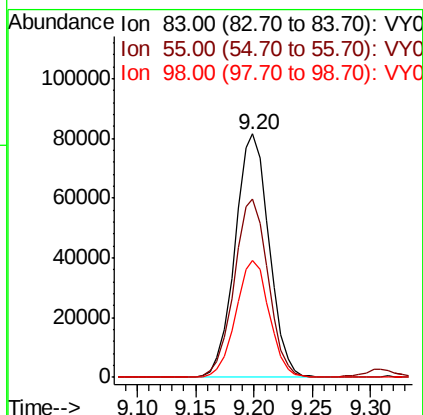
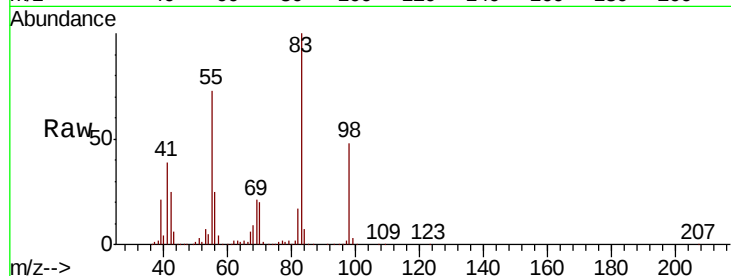




#39
Methvlcvclohexane
Concen: 49.893 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

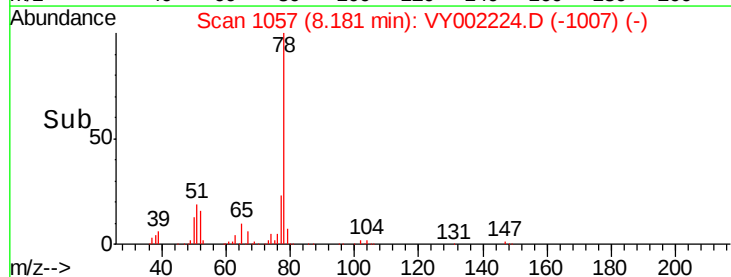
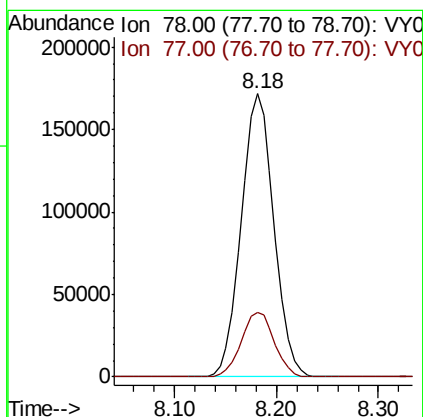
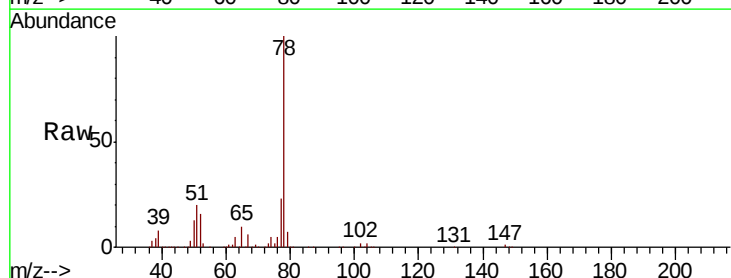
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

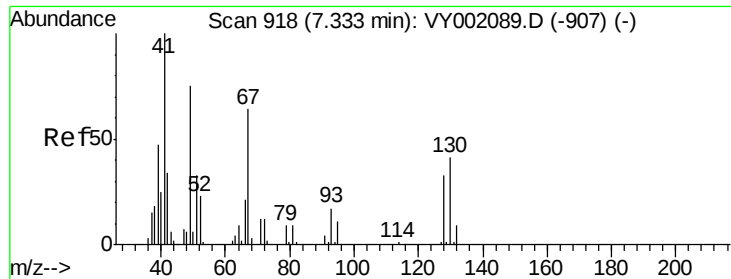
Tot Ion: 83 Resp: 166317
Ion Ratio Lower Upper
83 100
55 73.2 61.2 91.8
98 48.2 38.2 57.2



#40
Benzene
Concen: 50.438 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 78 Resp: 379684
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4

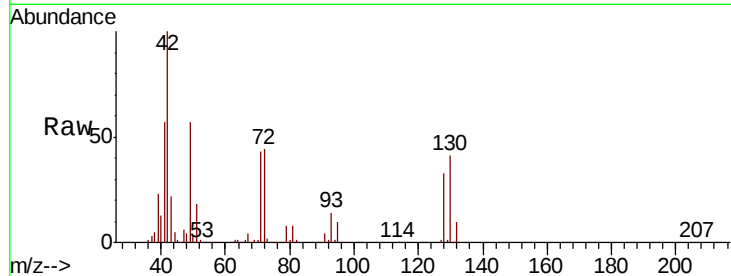




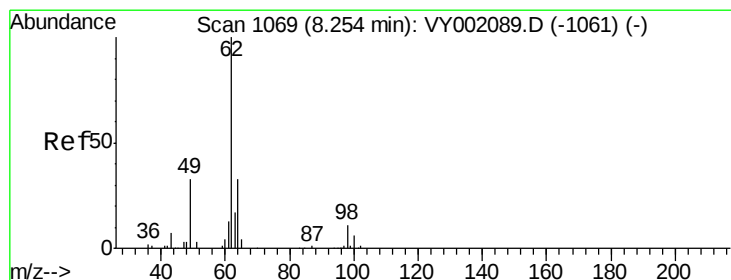
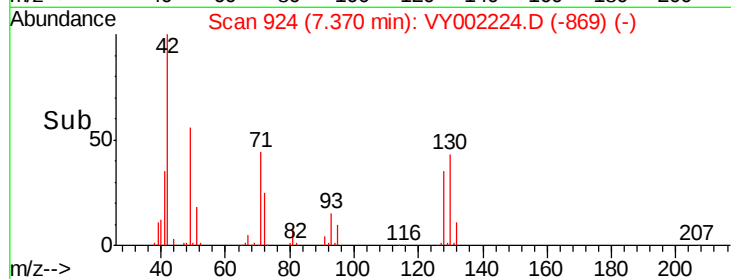
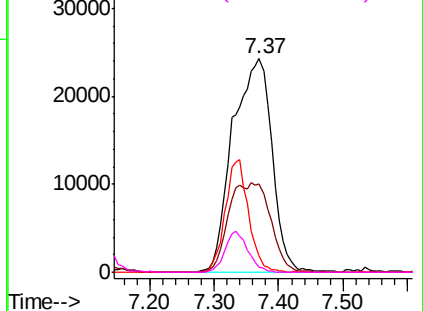
#41
Methacrylonitrile
Concen: 131.382 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	102059
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

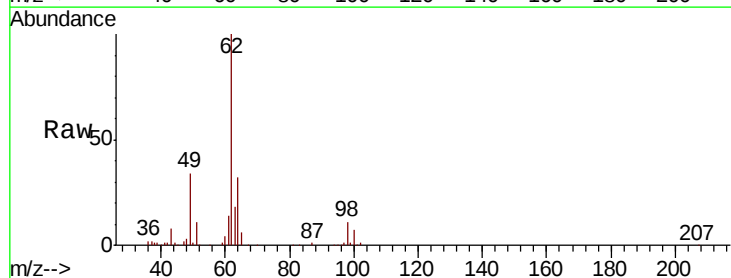


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

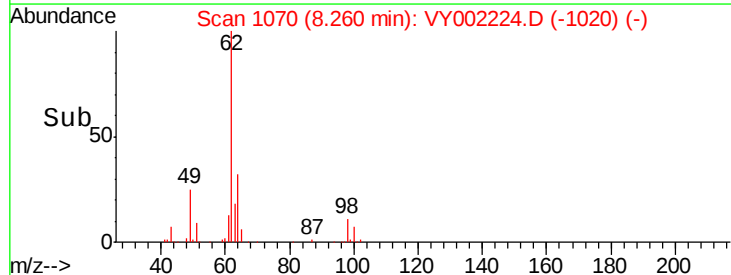
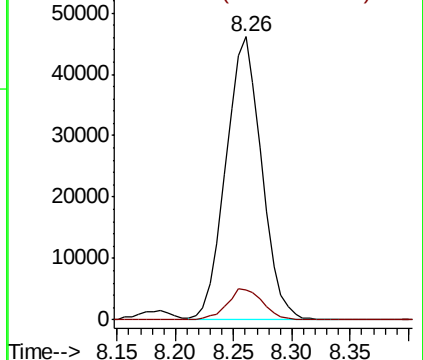


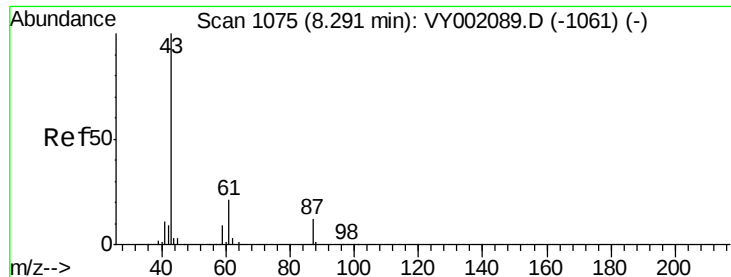
#42
1,2-Dichloroethane
Concen: 49.218 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:	62	Resp:	98363
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2



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



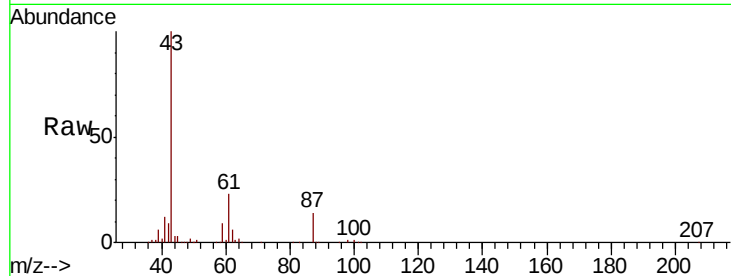


#43

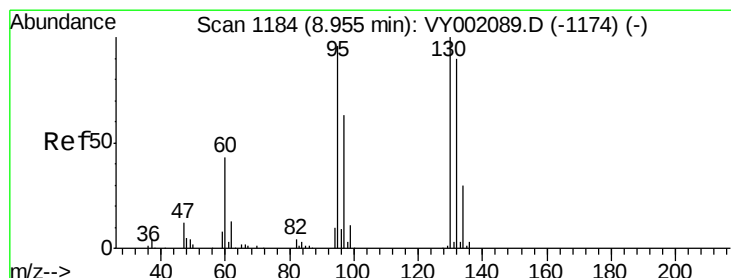
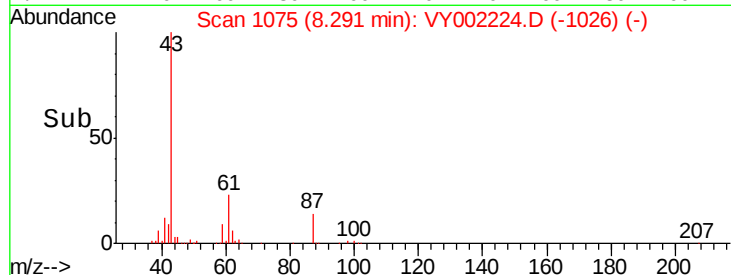
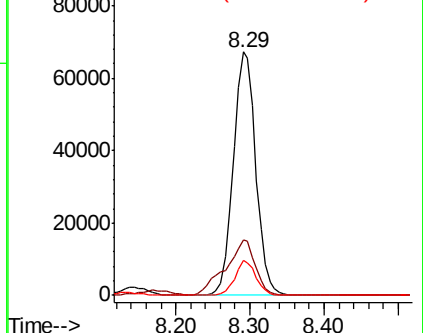
Isopropyl Acetate
 Concen: 50.155 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 142960
 Ion Ratio Lower Upper
 43 100
 61 29.8 23.4 35.2
 87 13.3 10.2 15.4



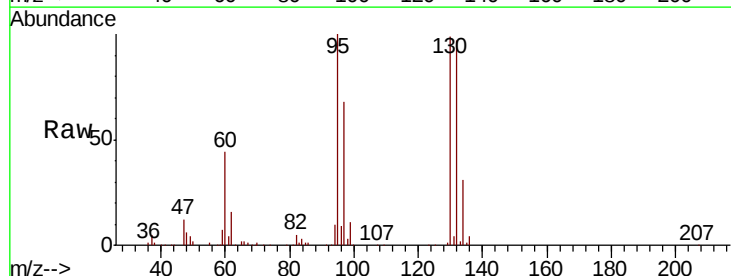
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



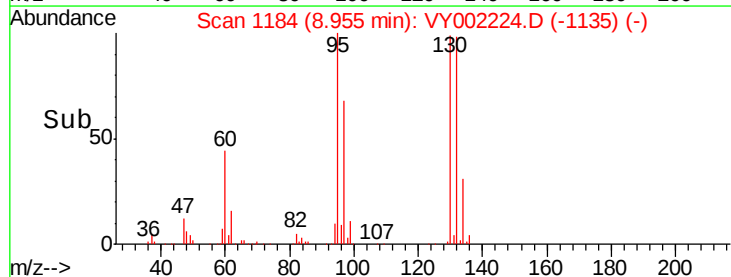
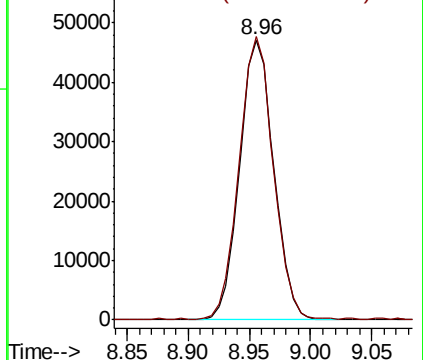
#44

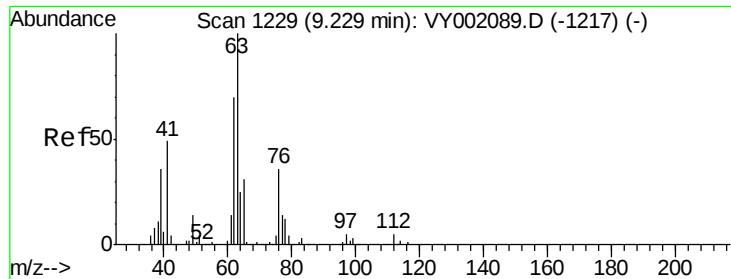
Trichloroethene
 Concen: 50.185 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 130 Resp: 91064
 Ion Ratio Lower Upper
 130 100
 95 101.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

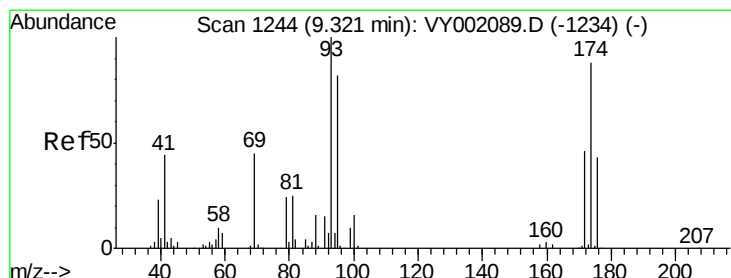
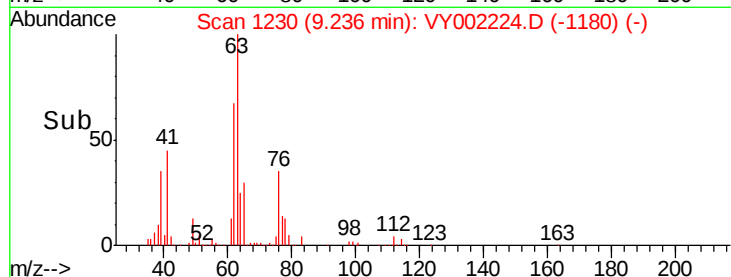
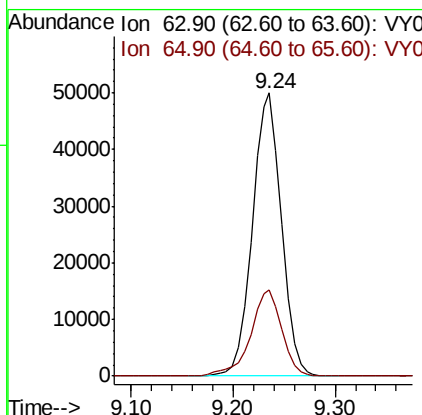
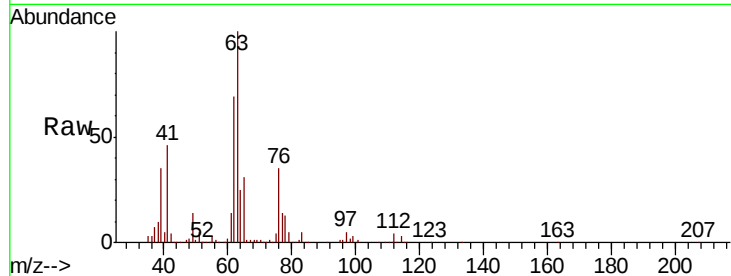




#45
 1,2-Dichloropropane
 Concen: 51.567 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

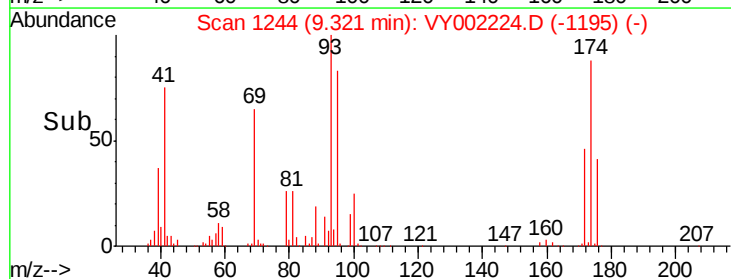
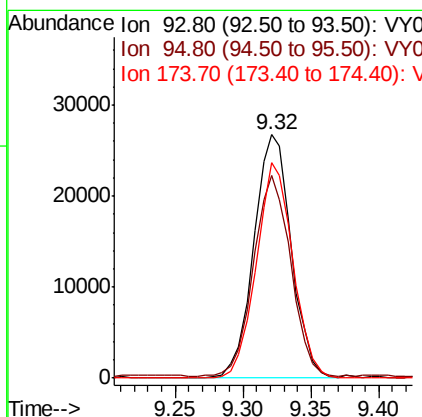
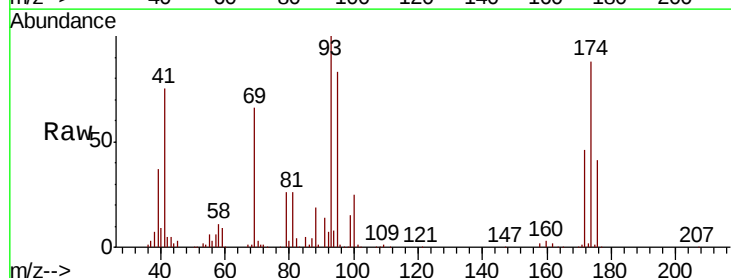
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

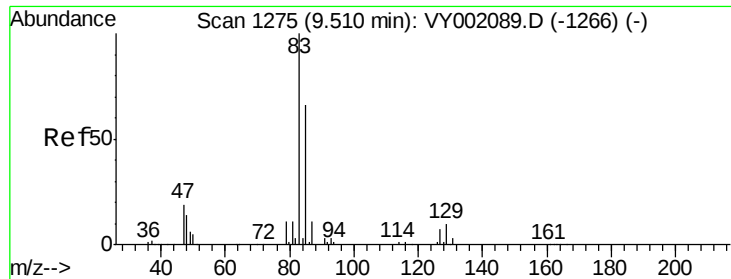
Tot Ion: 63 Resp: 98839
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 52.031 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 93 Resp: 51217
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.0 99.0
 174 87.0 69.8 104.8





#47

Bromodichloromethane

Concen: 51.817 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

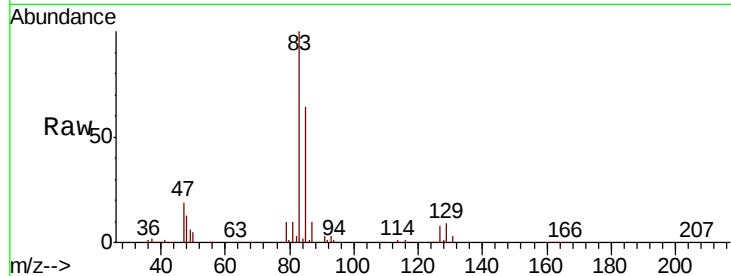
Tot Ion: 83 Resp: 118740

Ion Ratio Lower Upper

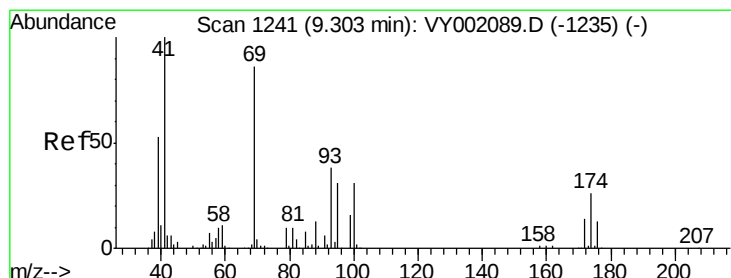
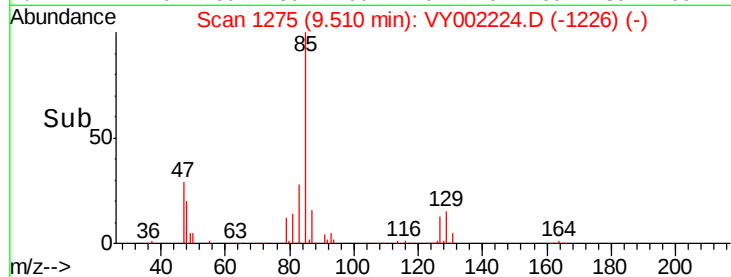
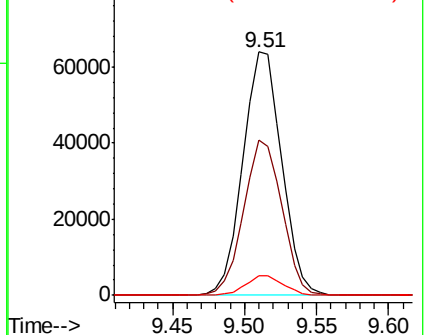
83 100

85 63.6 52.6 79.0

127 8.0 5.9 8.9



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



#48

Methyl methacrylate

Concen: 49.581 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

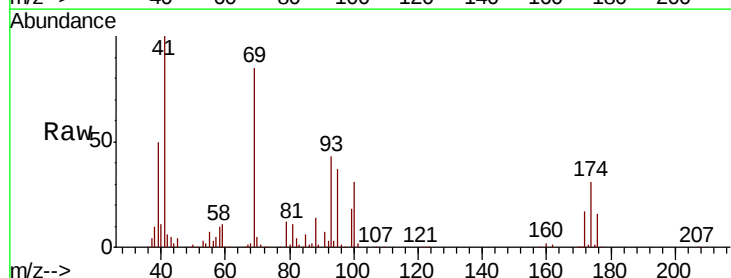
Tgt Ion: 41 Resp: 63332

Ion Ratio Lower Upper

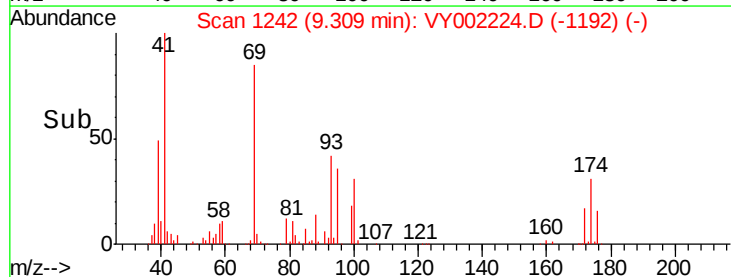
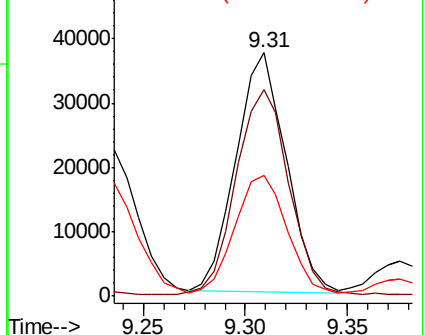
41 100

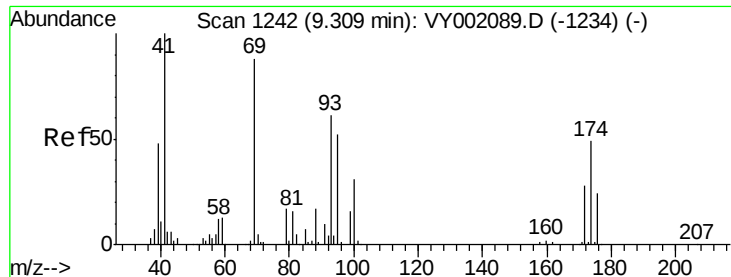
69 91.0 71.4 107.0

39 53.9 41.0 61.4



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

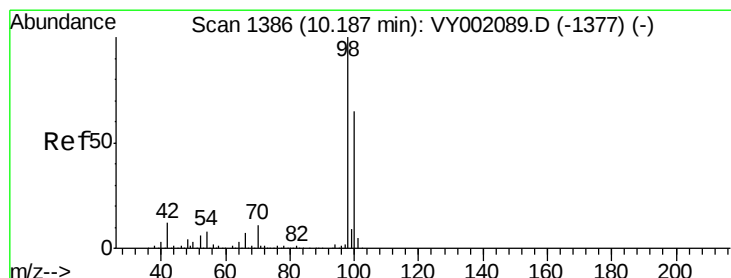
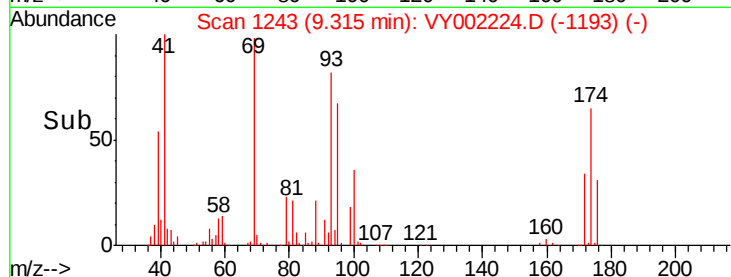
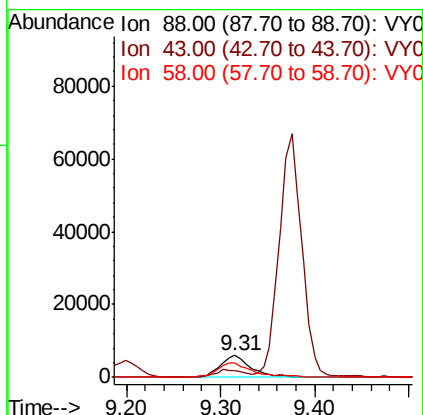
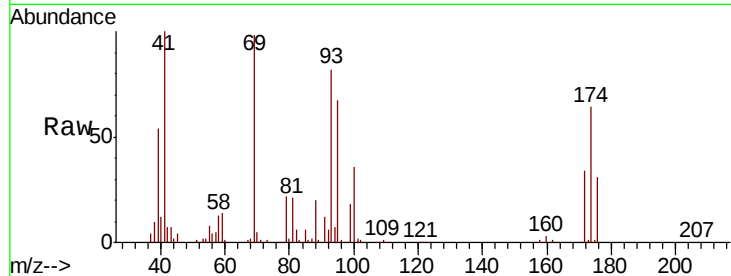




#49
1,4-Dioxane
Concen: 1032.378 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

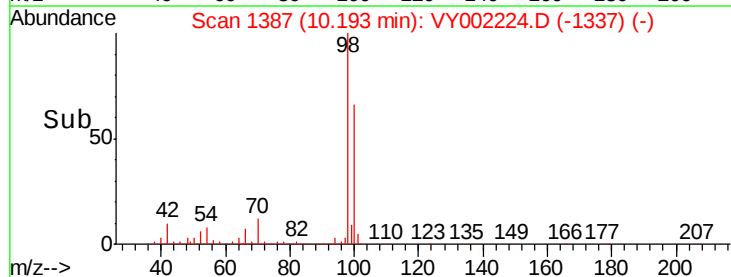
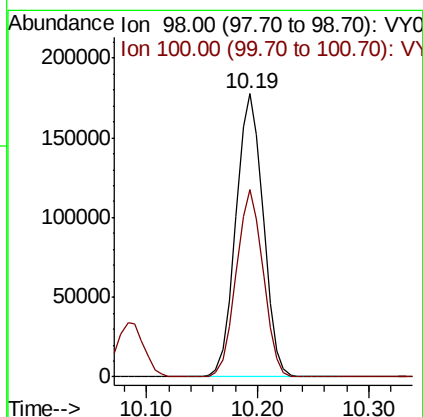
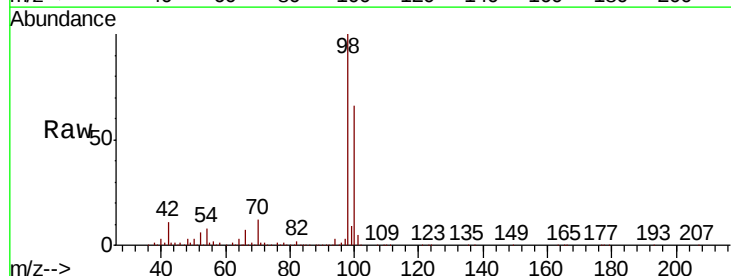
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

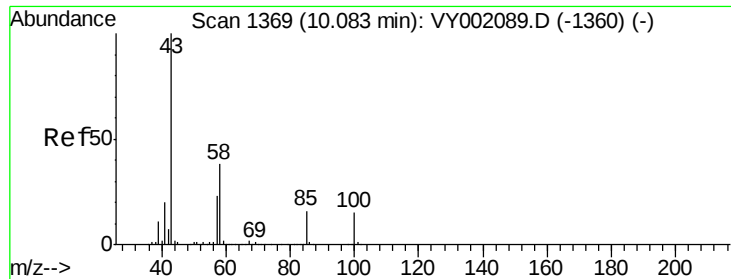
Tot Ion: 88 Resp: 13945
Ion Ratio Lower Upper
88 100
43 29.8 27.2 40.8
58 74.7 59.8 89.8



#50
Toluene-d8
Concen: 48.217 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 98 Resp: 301549
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4

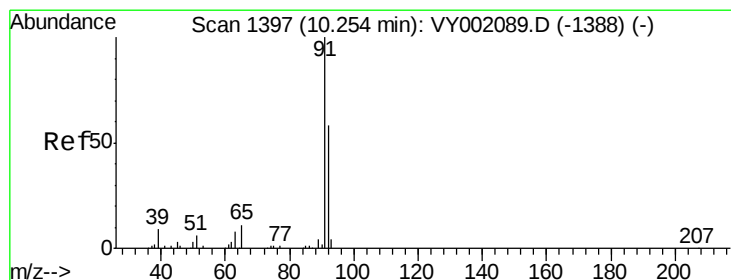
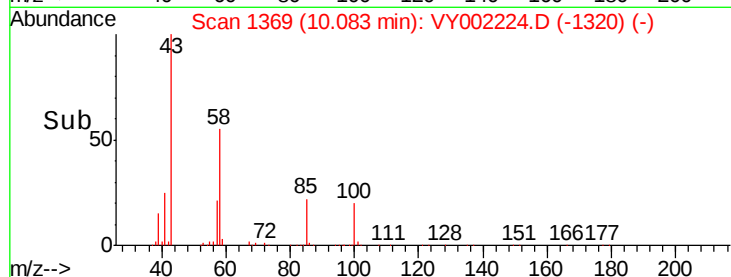
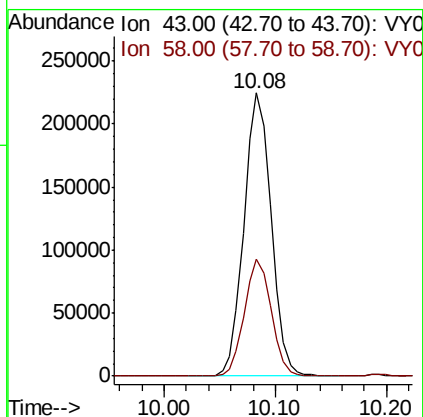
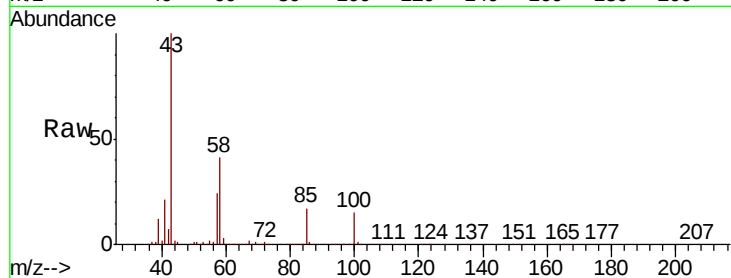




#51
4-Methyl-2-Pentanone
Concen: 259.576 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

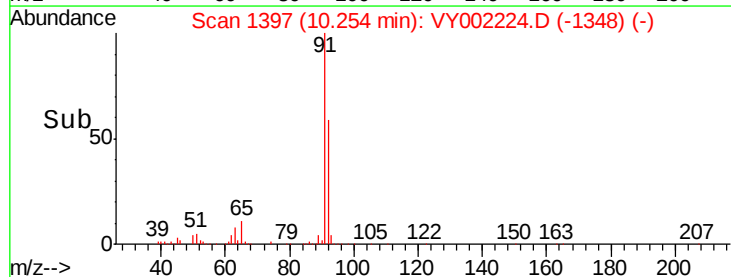
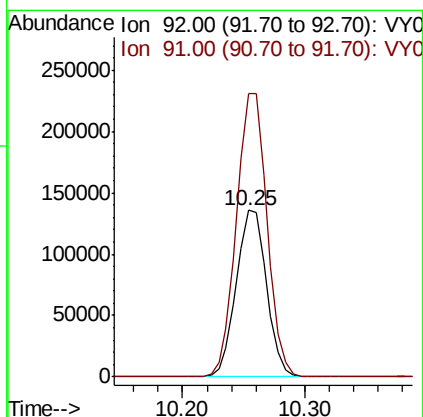
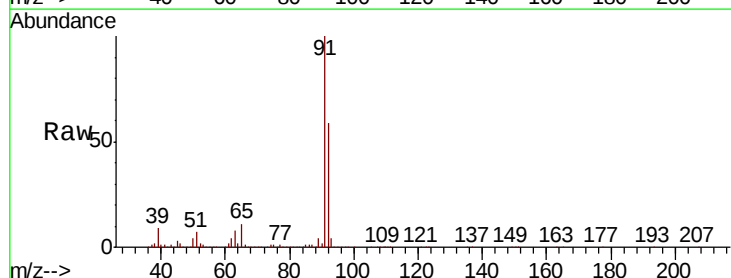
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

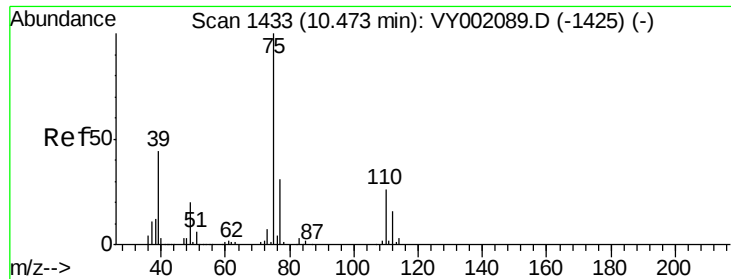
Tot Ion: 43 Resp: 380983
Ion Ratio Lower Upper
43 100
58 41.1 31.6 47.4



#52
Toluene
Concen: 51.147 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 92 Resp: 232872
Ion Ratio Lower Upper
92 100
91 171.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.060 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

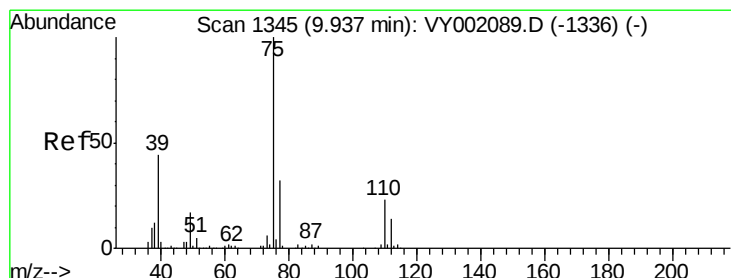
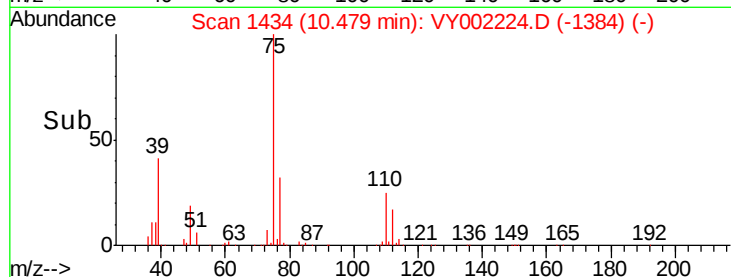
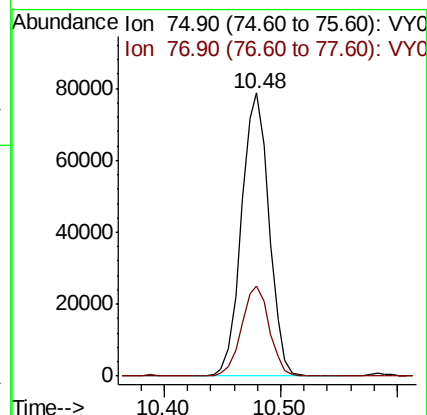
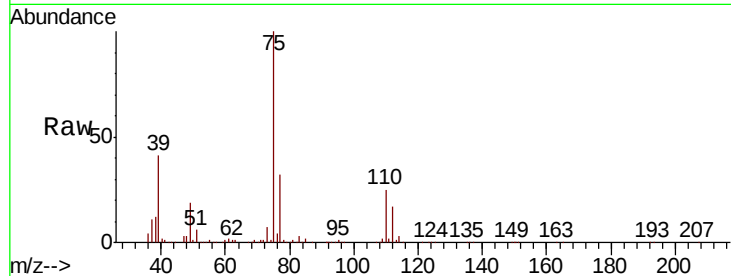
VSTDCCC050EC

Tot Ion: 75 Resp: 129865

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.840 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

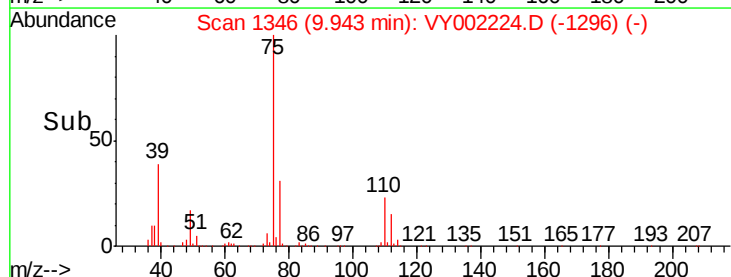
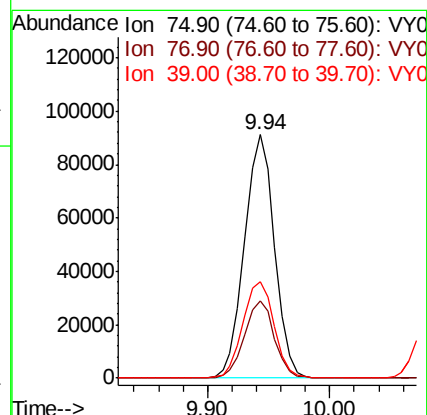
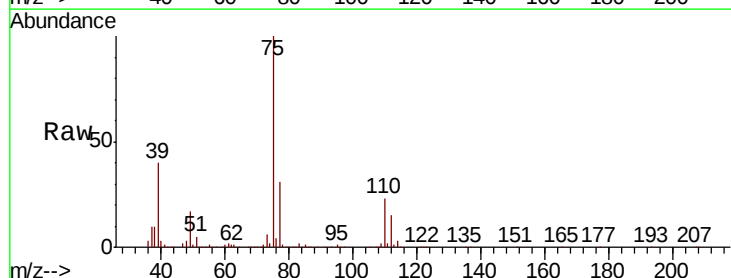
Tgt Ion: 75 Resp: 155237

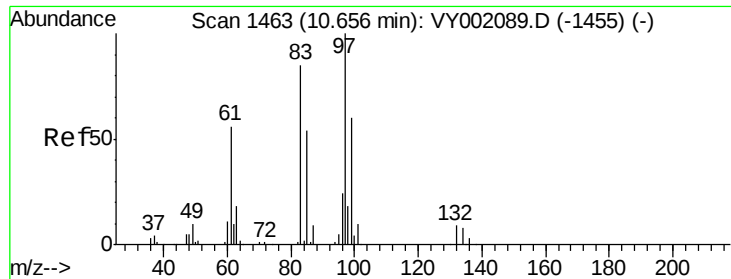
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 39.4 35.2 52.8

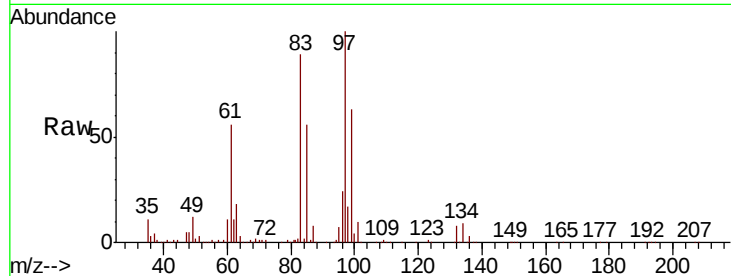




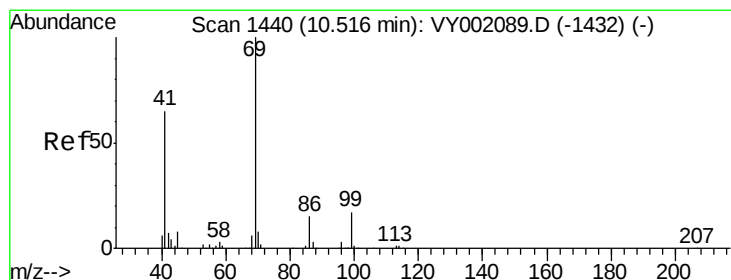
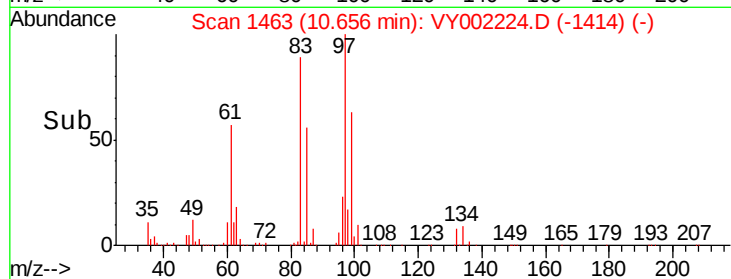
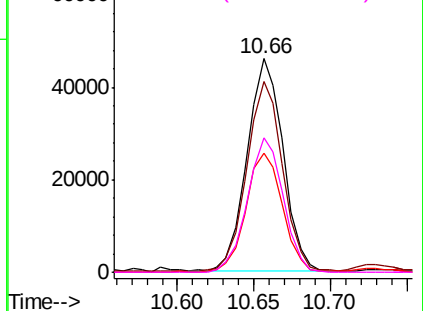
#55
 1,1,2-Trichloroethane
 Concen: 51.565 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	75124
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.2	102.2
85	55.9	42.9	64.3
99	63.4	47.9	71.9

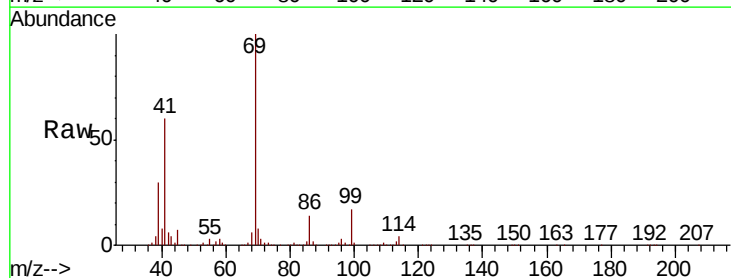


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

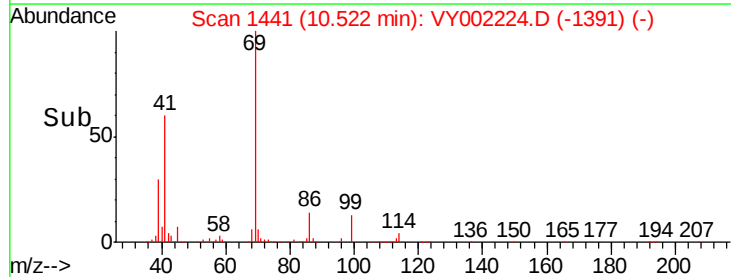
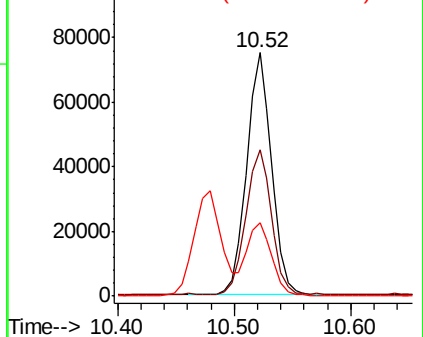


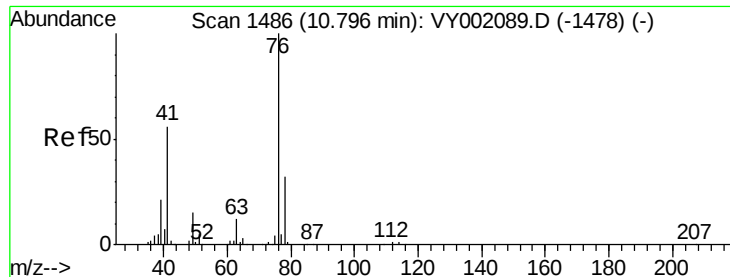
#56
 Ethyl methacrylate
 Concen: 52.216 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion:	69	Resp:	111109
Ion	Ratio	Lower	Upper
69	100		
41	61.8	52.8	79.2
39	31.5	25.0	37.6



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

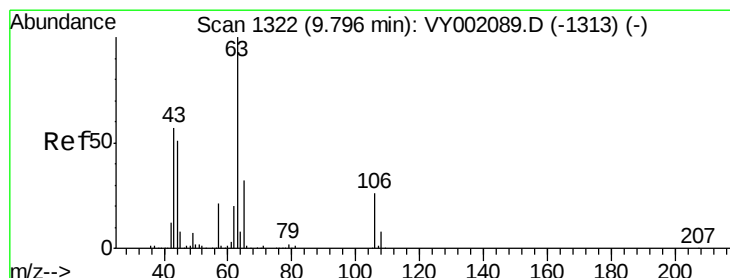
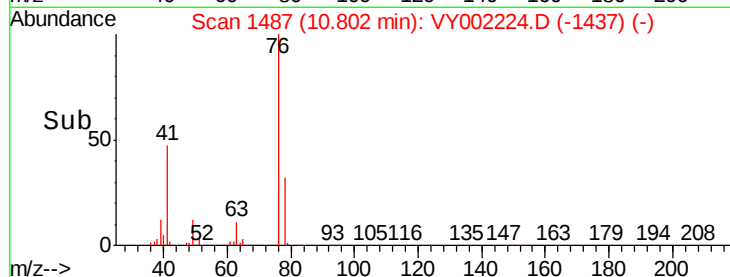
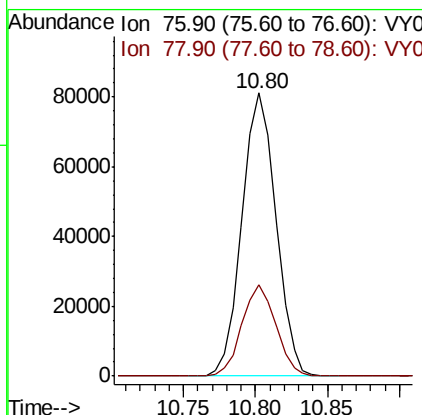
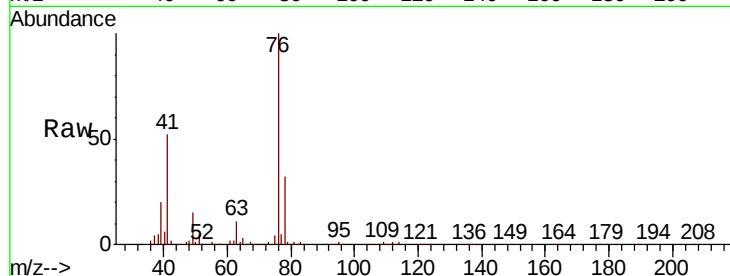




#57
 1,3-Dichloropropane
 Concen: 51.634 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

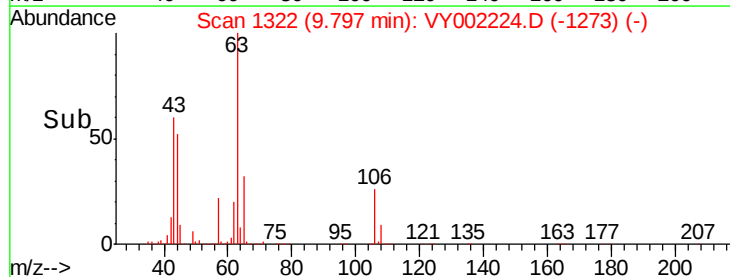
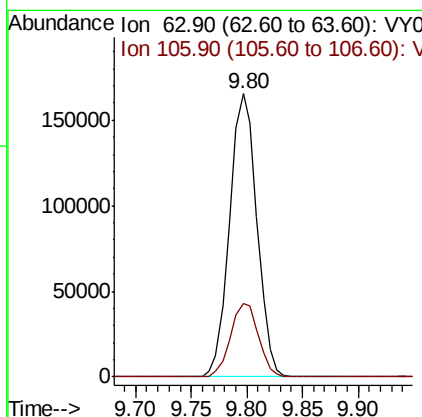
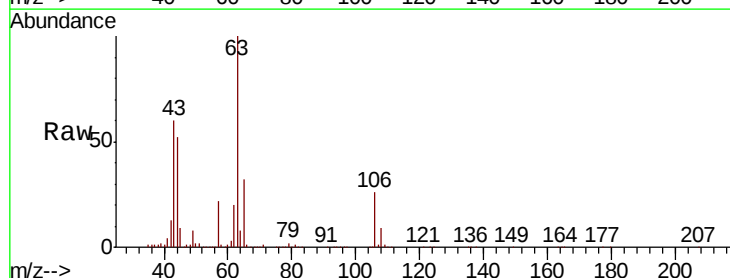
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

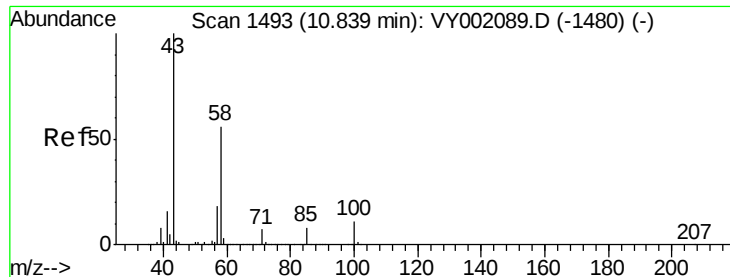
Tot Ion: 76 Resp: 132907
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.761 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 63 Resp: 280740
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.0 31.4

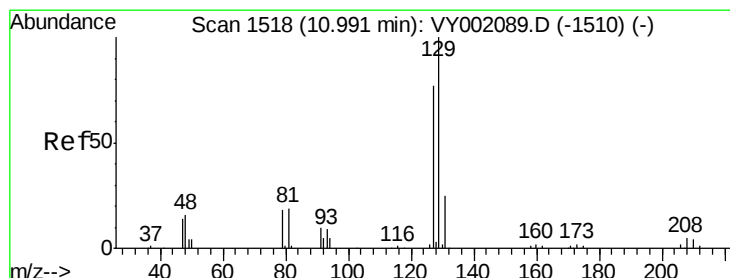
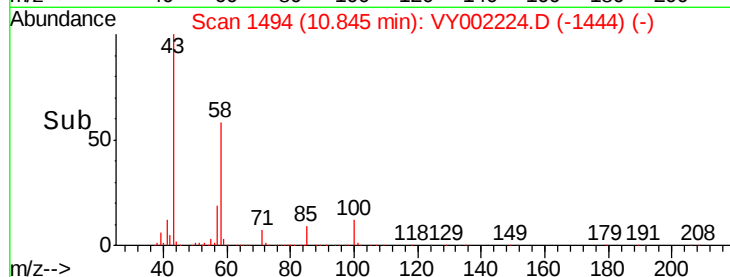
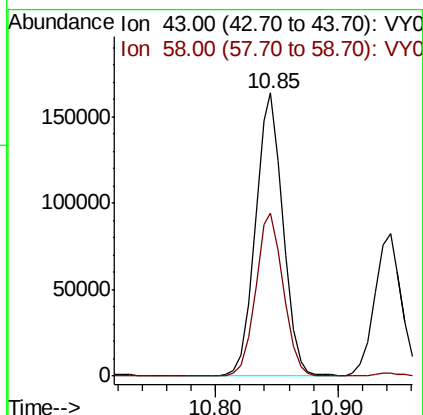
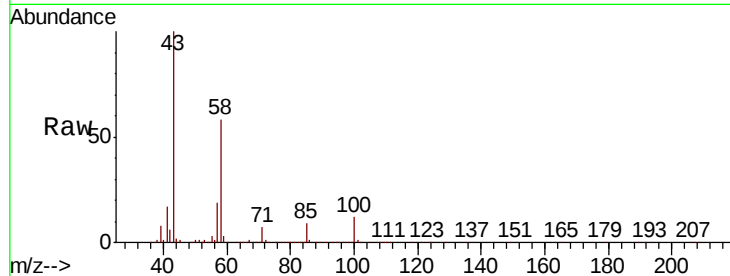




#59
2-Hexanone
Concen: 246.353 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

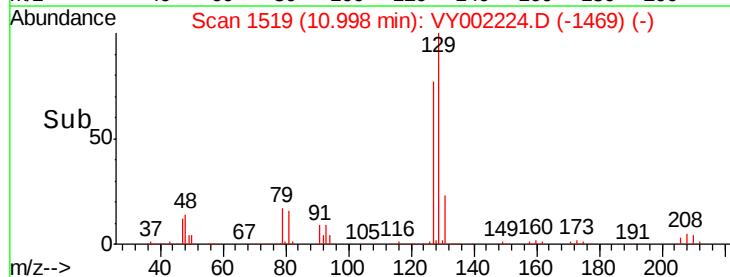
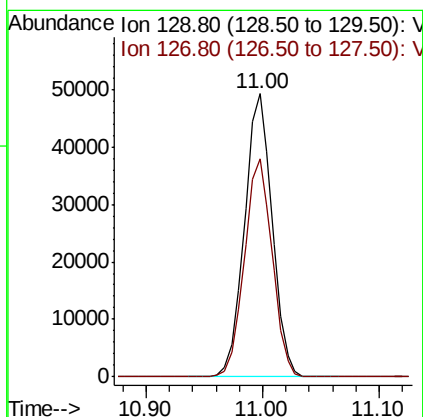
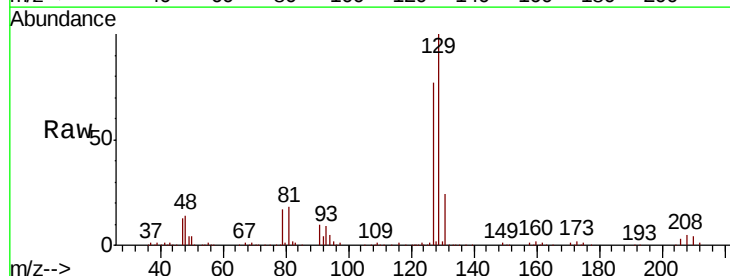
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

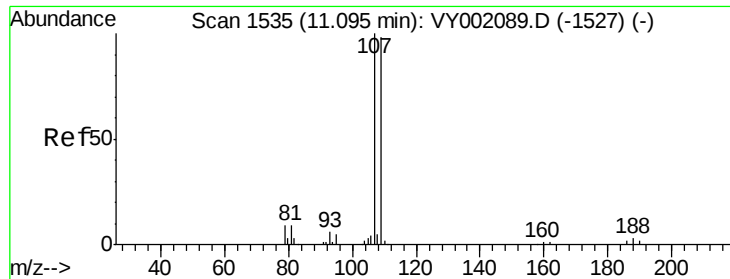
Tot Ion: 43 Resp: 254700
Ion Ratio Lower Upper
43 100
58 58.1 27.9 83.6



#60
Dibromochloromethane
Concen: 53.580 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion: 129 Resp: 81683
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

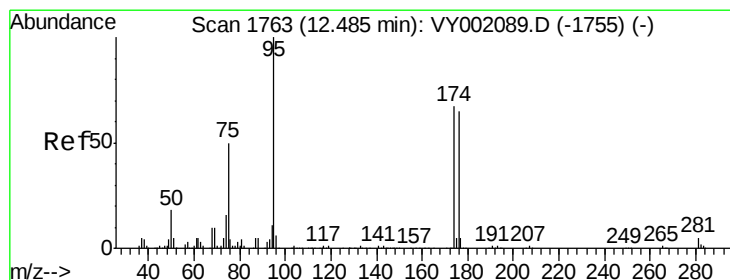
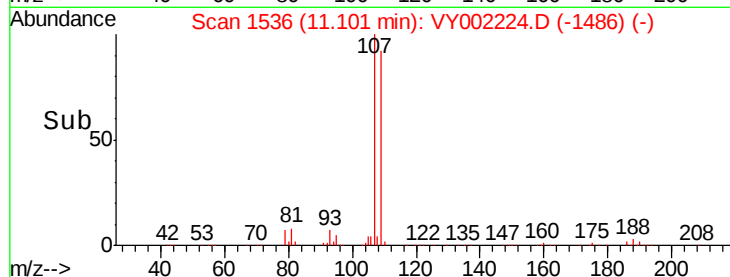
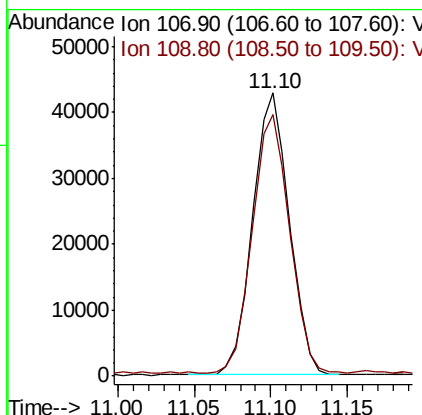
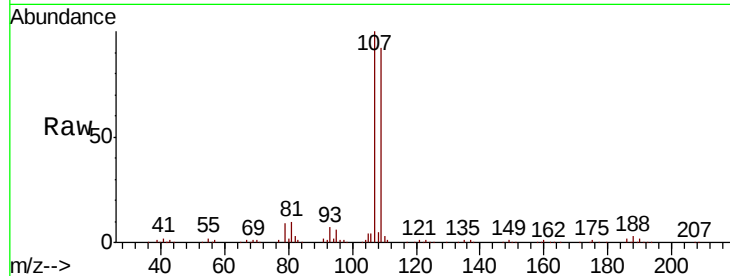




#61
 1,2-Dibromoethane
 Concen: 52.123 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

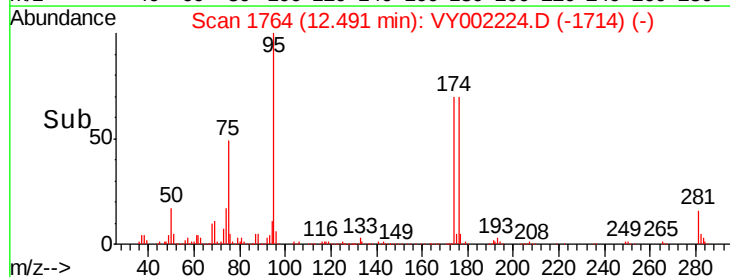
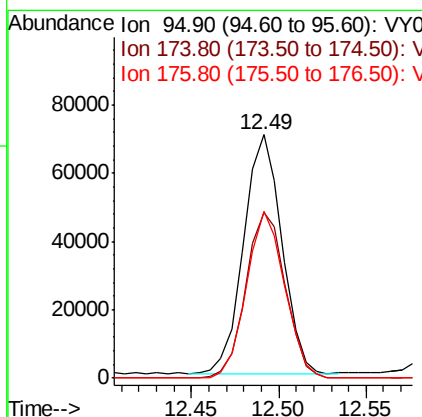
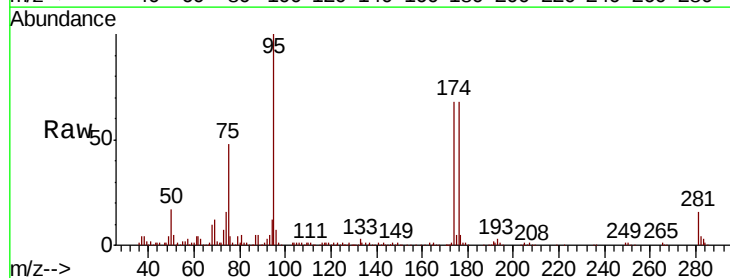
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

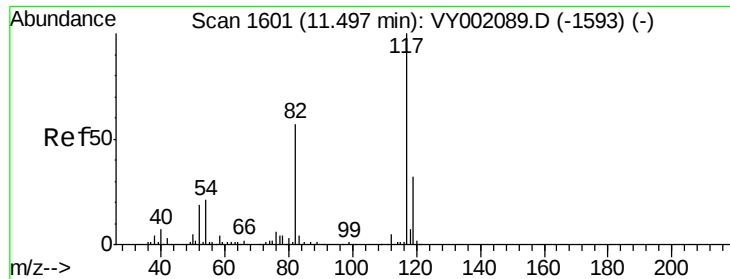
Tot Ion:107 Resp: 71076
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.666 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion: 95 Resp: 106444
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 143.4
 176 69.4 0.0 137.0

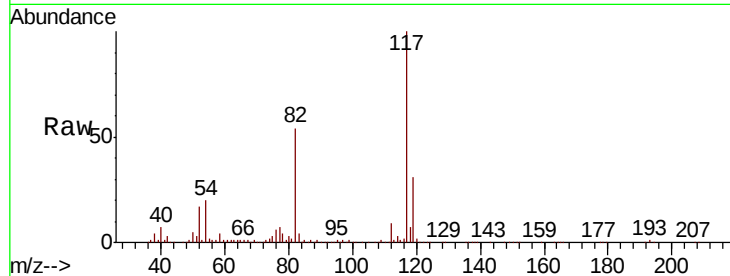




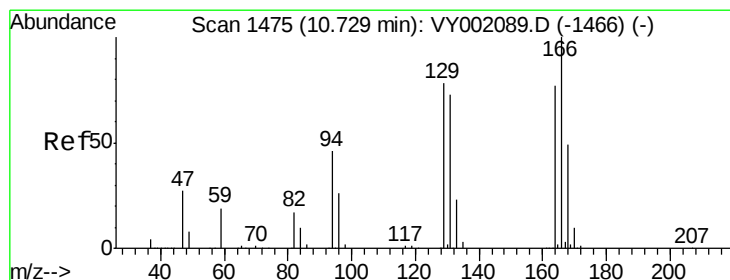
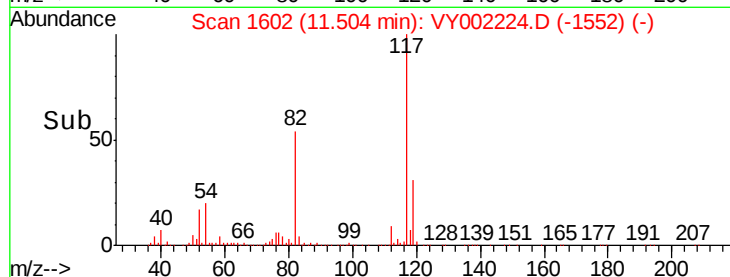
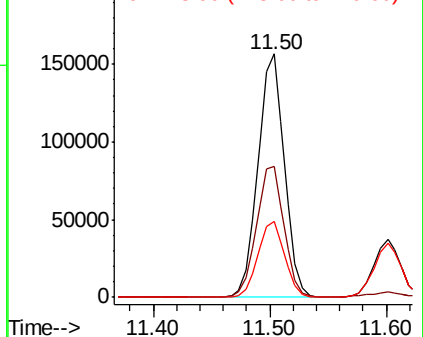
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 248058
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.2
119 31.2 25.3 37.9

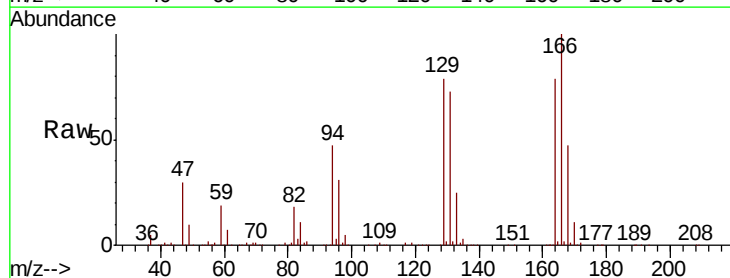


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

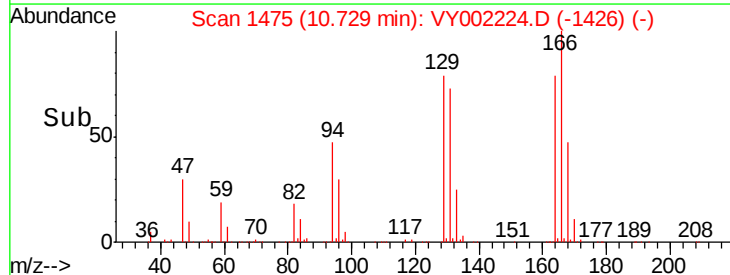
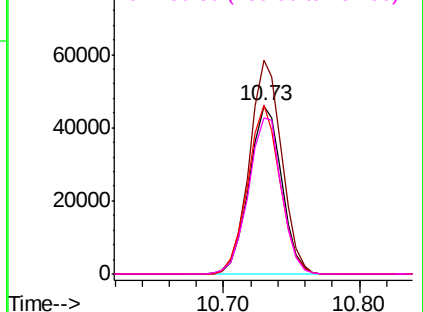


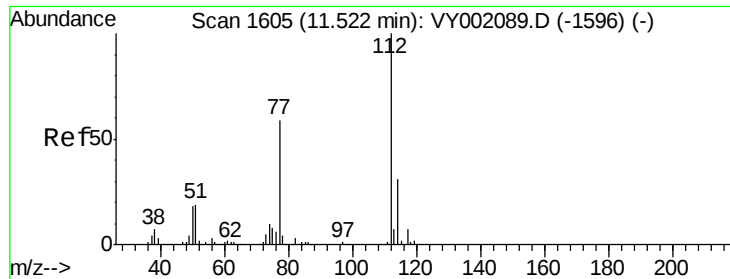
#64
Tetrachloroethene
Concen: 51.063 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:164 Resp: 77497
Ion Ratio Lower Upper
164 100
166 127.0 104.0 156.0
129 100.7 81.2 121.8
131 92.8 75.8 113.6



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

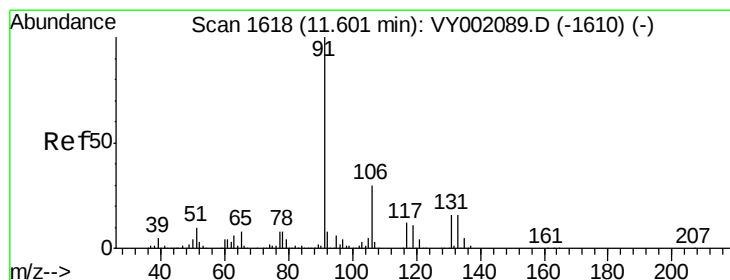
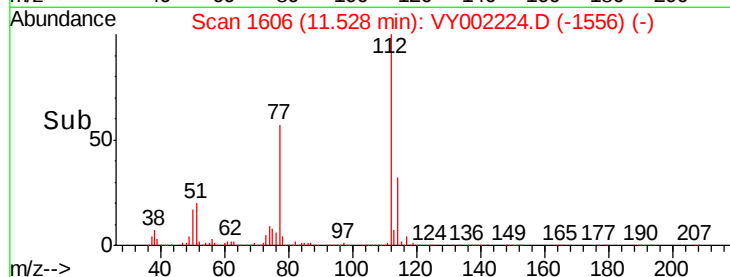
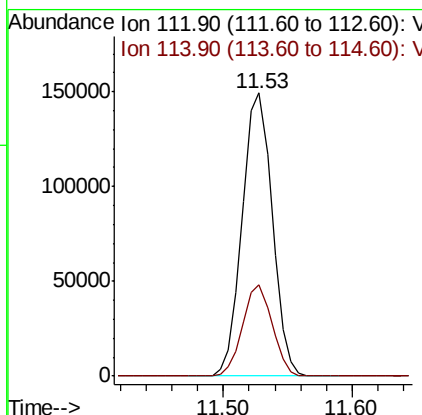
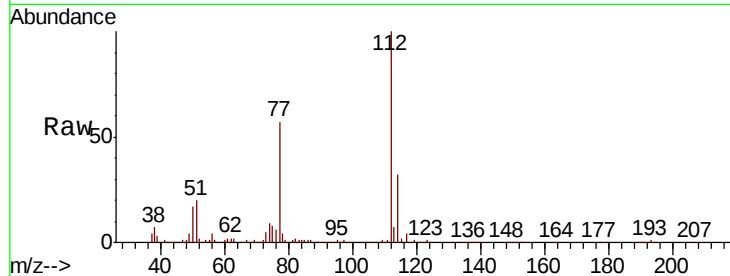




#65
Chlorobenzene
Concen: 50.380 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

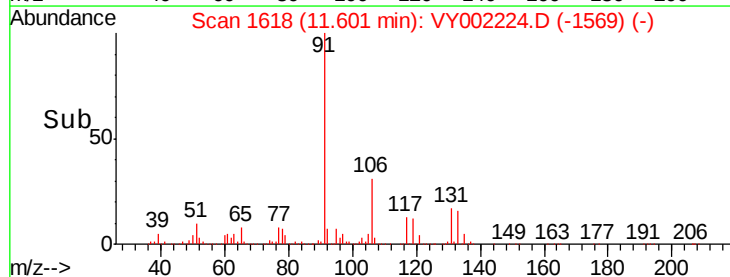
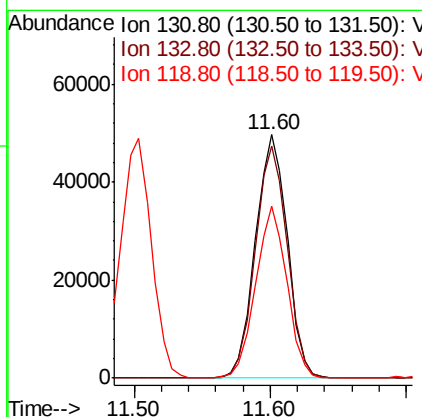
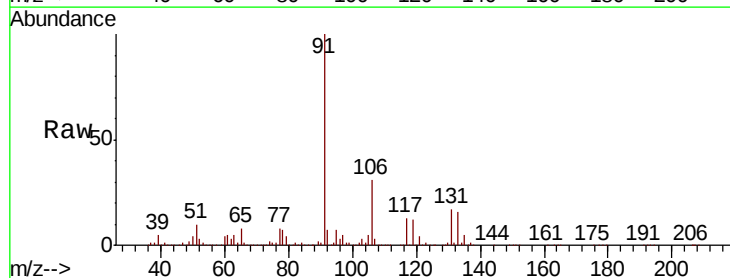
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

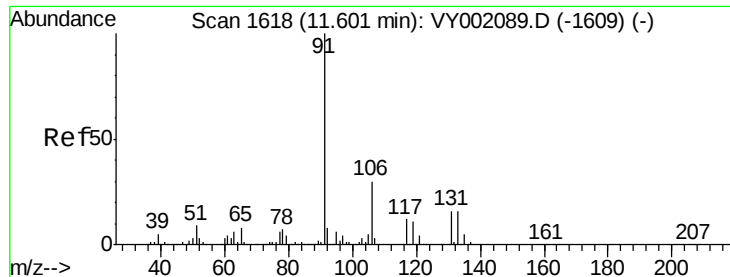
Tot Ion:112 Resp: 241235
Ion Ratio Lower Upper
112 100
114 32.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.044 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:131 Resp: 81769
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 69.1 34.6 103.9

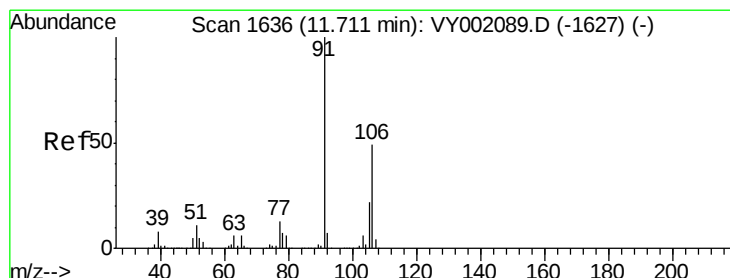
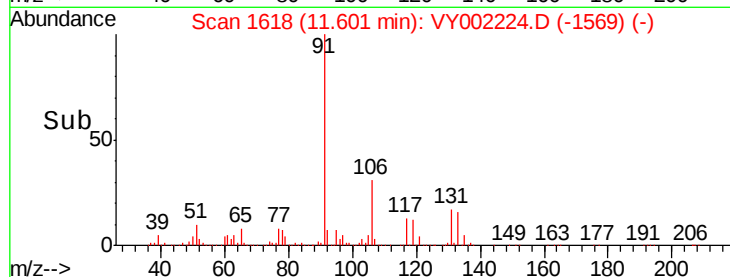
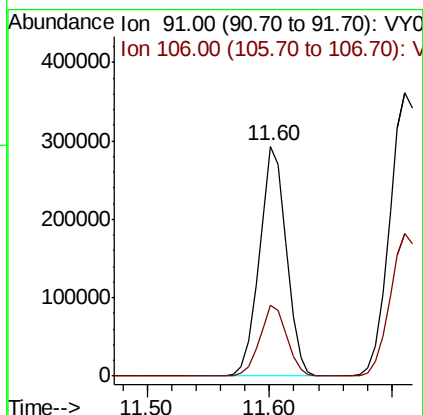
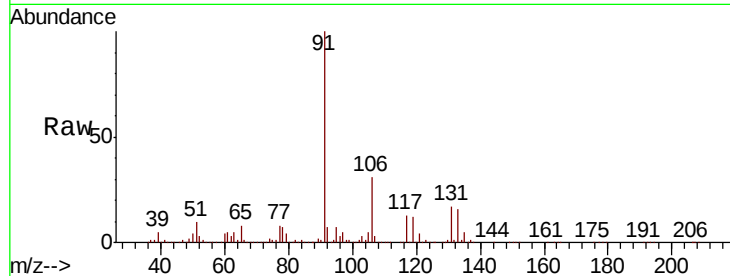




#67
Ethyl Benzene
Concen: 50.396 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

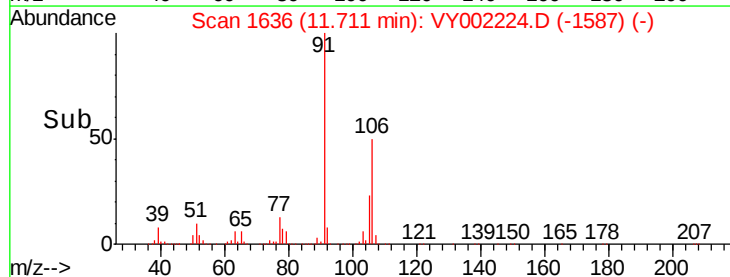
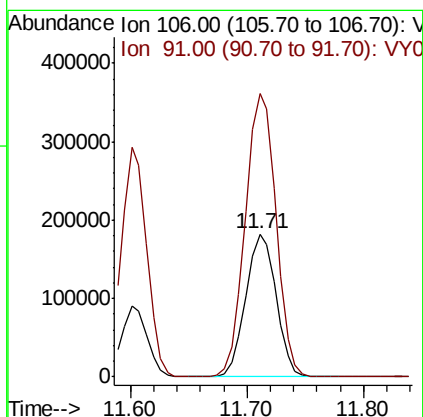
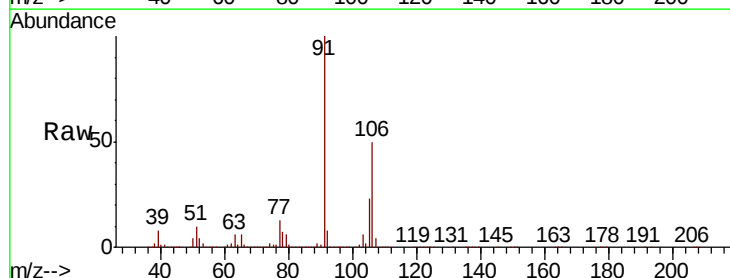
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

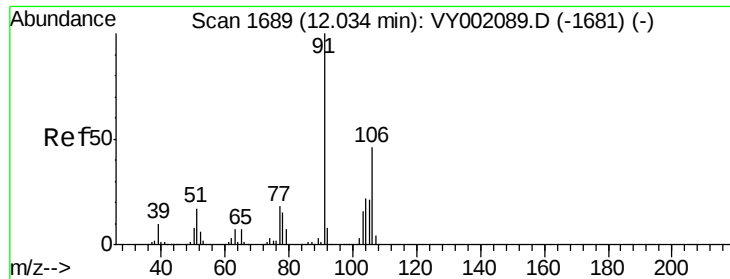
Tot Ion: 91 Resp: 448178
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 100.985 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:106 Resp: 332052
Ion Ratio Lower Upper
106 100
91 200.3 162.8 244.2

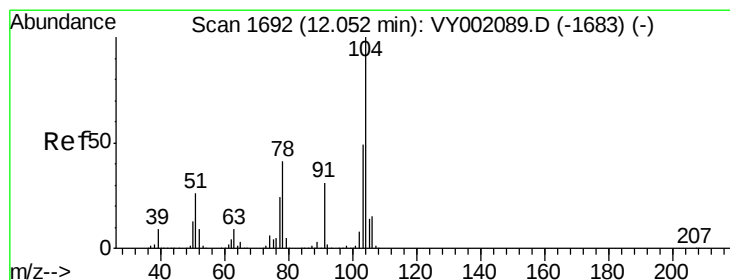
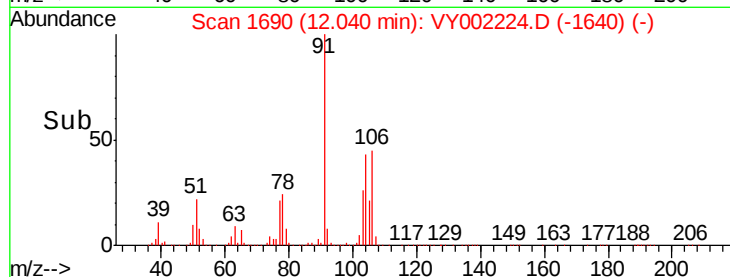
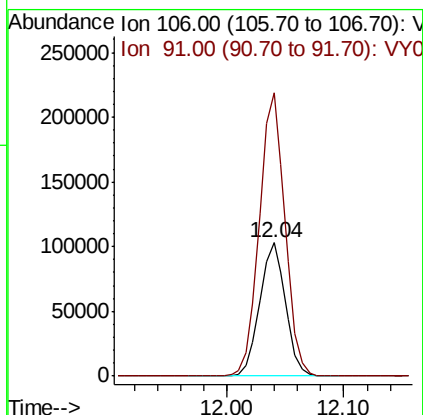
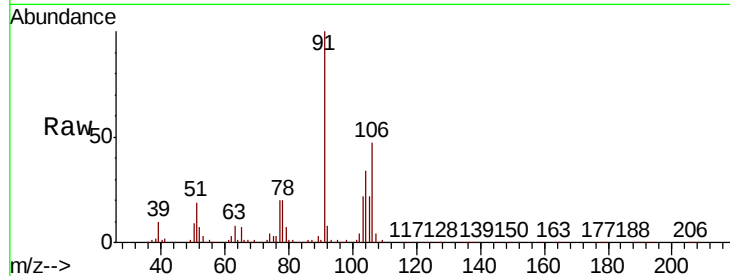




#69
o-Xylene
Concen: 50.851 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

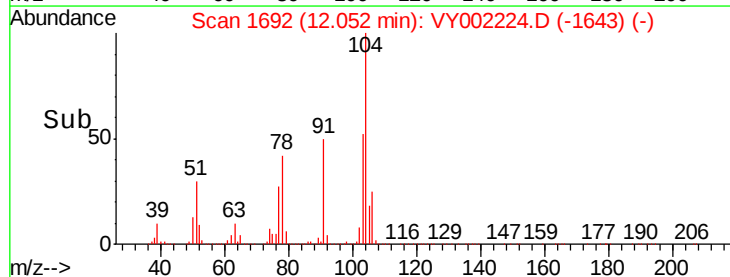
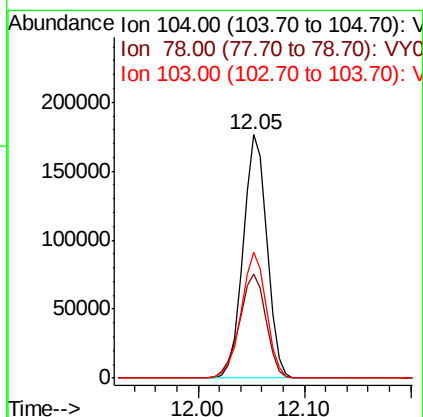
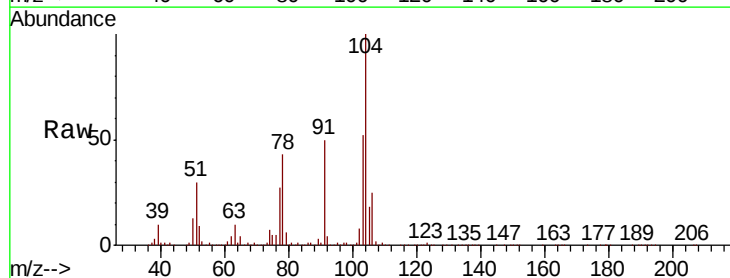
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

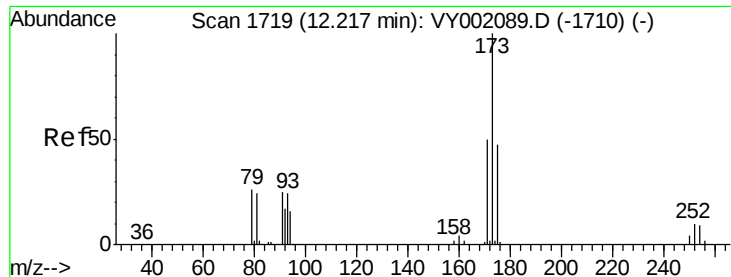
Tot Ion:106 Resp: 158611
Ion Ratio Lower Upper
106 100
91 210.7 107.3 321.8



#70
Styrene
Concen: 51.251 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:104 Resp: 277009
Ion Ratio Lower Upper
104 100
78 47.6 37.9 56.9
103 54.8 43.2 64.8

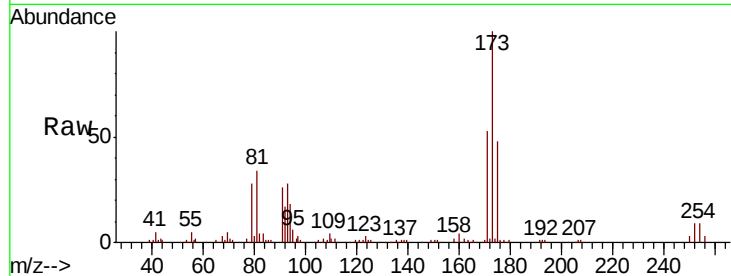




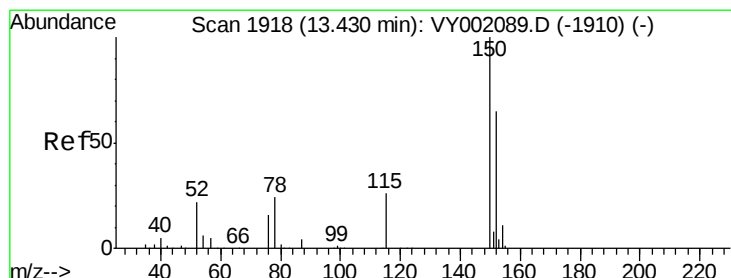
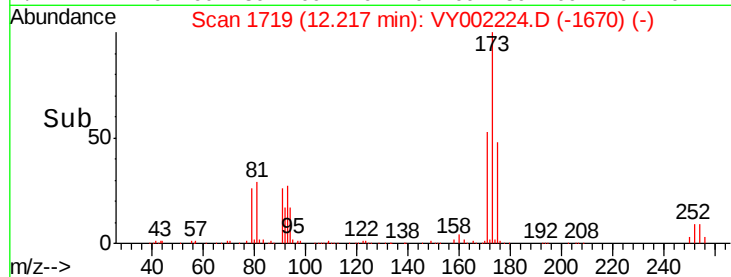
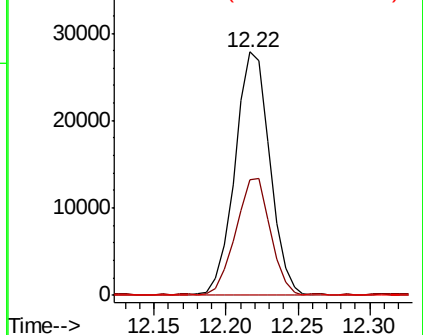
#71
Bromoform
Concen: 53.496 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 46937
Ion Ratio Lower Upper
173 100
175 46.9 23.9 71.8
254 0.0 0.0 0.0

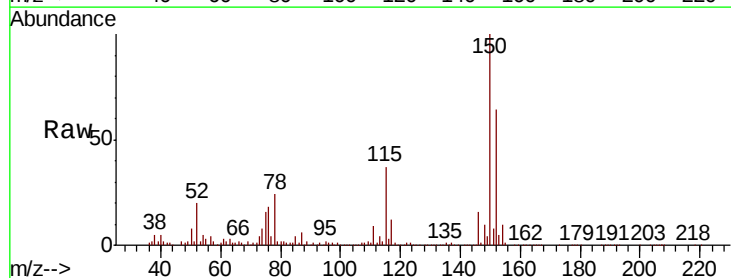


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

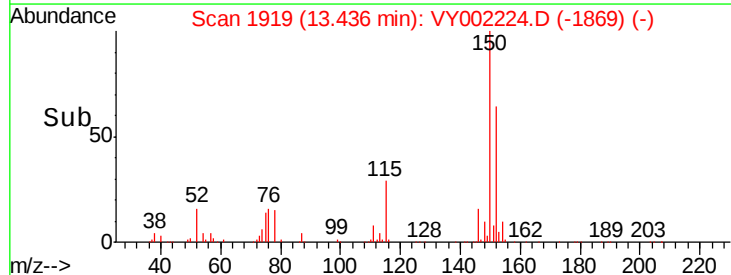
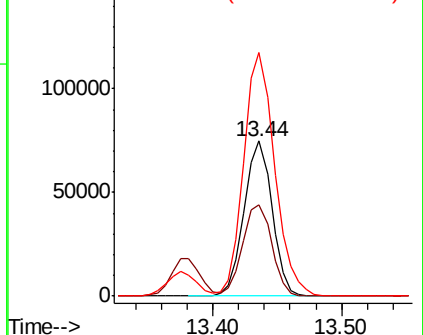


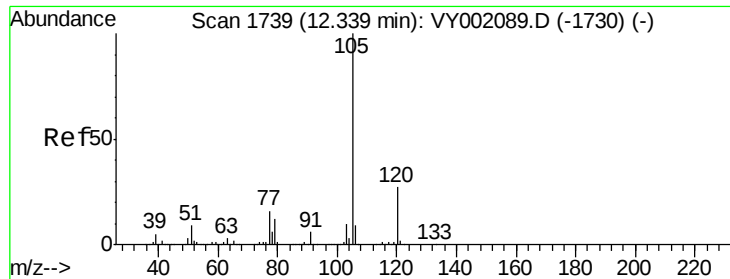
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:152 Resp: 111721
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 174.0 0.0 354.8



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: 50.601 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

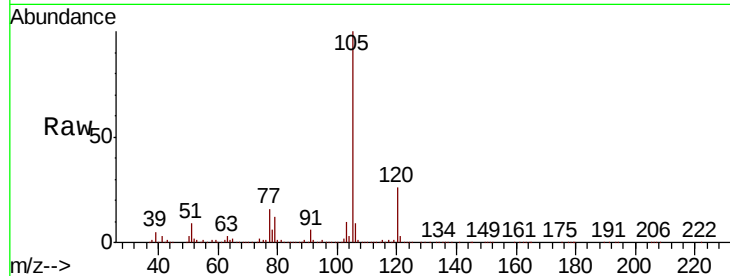
VSTDCCC050EC

Tot Ion:105 Resp: 419356

Ion Ratio Lower Upper

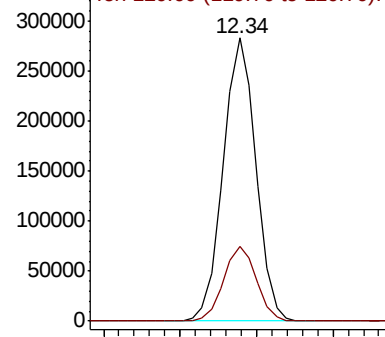
105 100

120 26.6 13.3 39.8

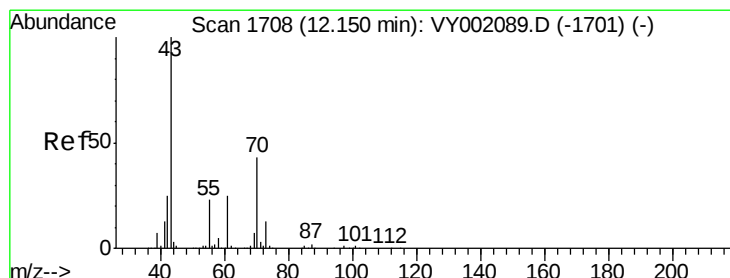
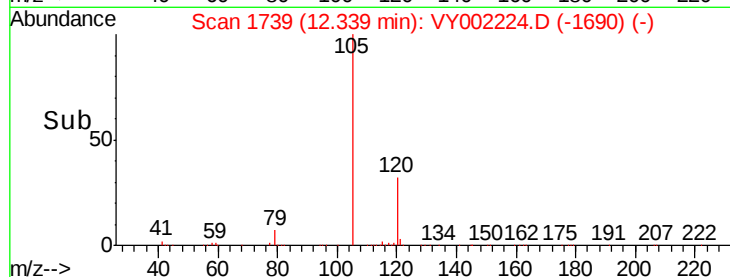


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 49.549 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Tgt Ion: 43 Resp: 129512

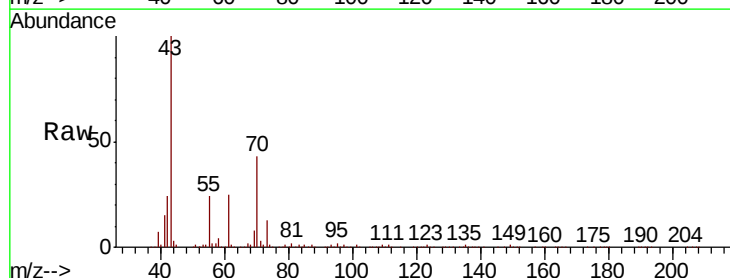
Ion Ratio Lower Upper

43 100

70 45.6 35.0 52.4

55 24.3 18.7 28.1

61 25.7 20.2 30.2

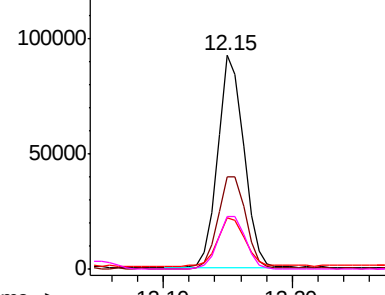


Abundance Ion 43.00 (42.70 to 43.70): VY0

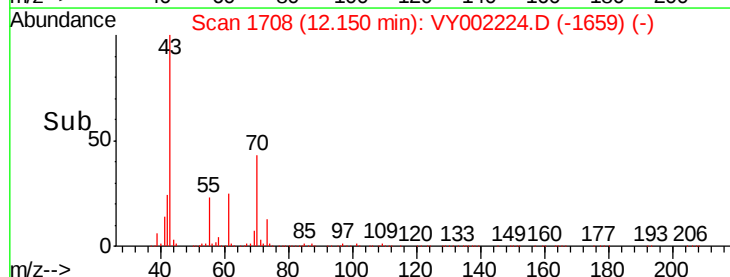
Ion 70.00 (69.70 to 70.70): VY0

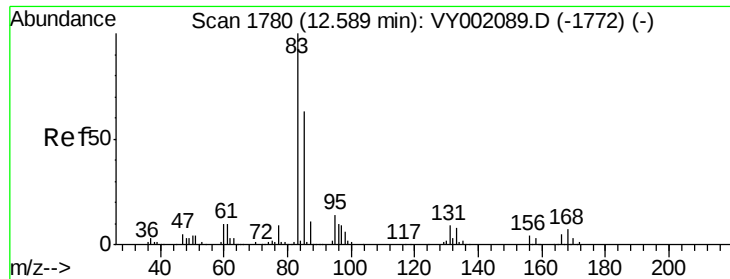
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 52.545 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

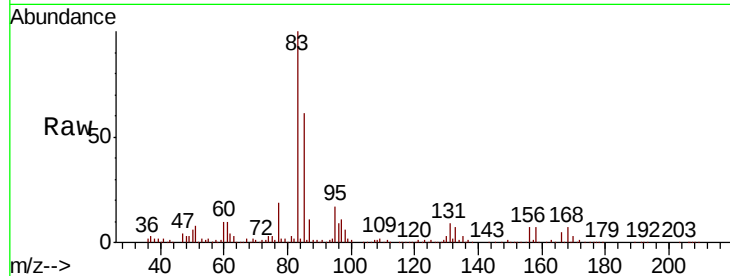
Tot Ion: 83 Resp: 93707

Ion Ratio Lower Upper

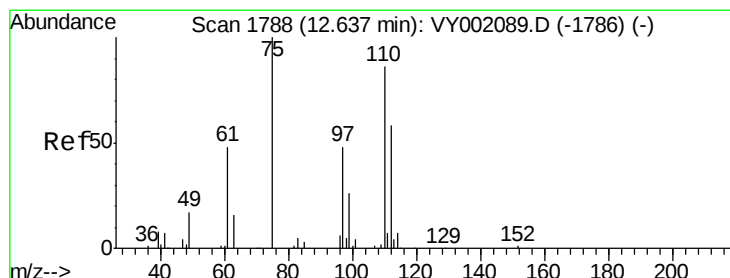
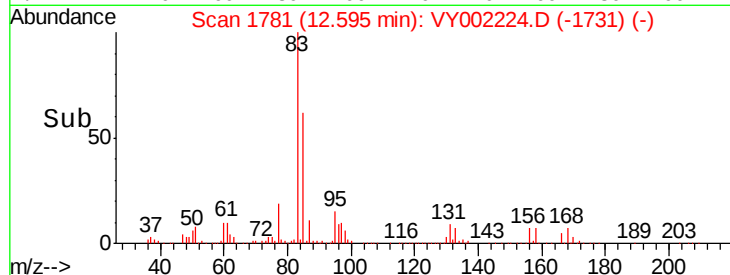
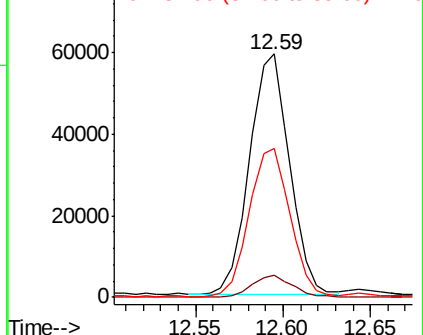
83 100

131 9.8 4.7 14.1

85 62.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 94.383 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002224.D

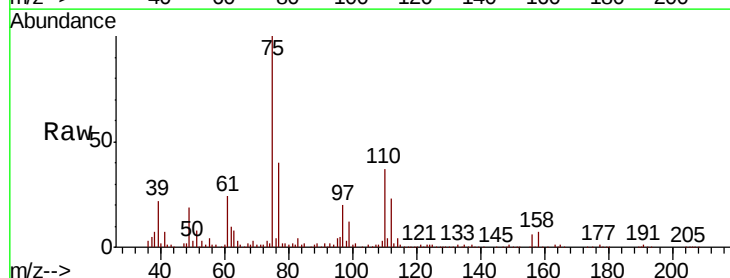
Acq: 03 Apr 2020 17:24

Tgt Ion: 75 Resp: 117951

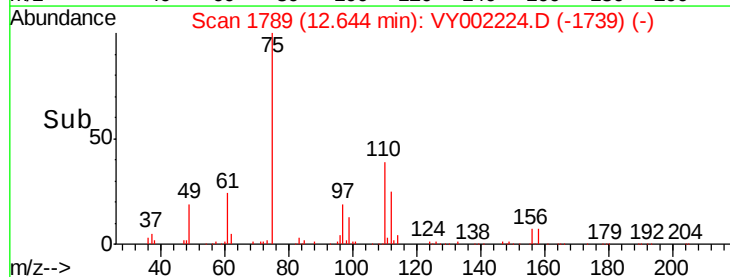
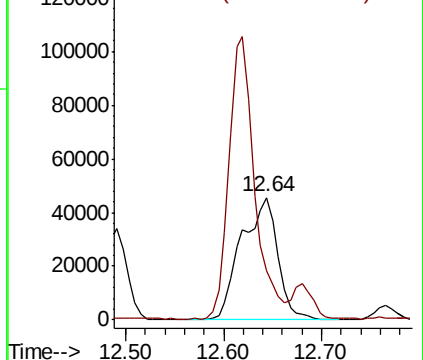
Ion Ratio Lower Upper

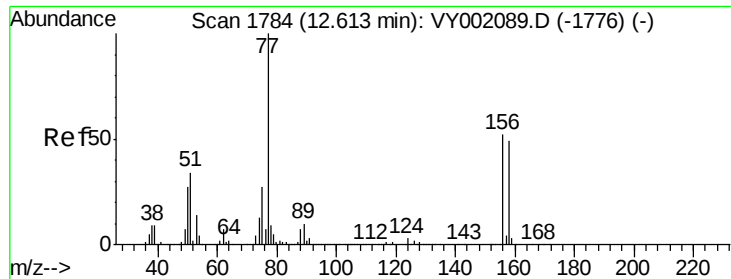
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 51.268 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

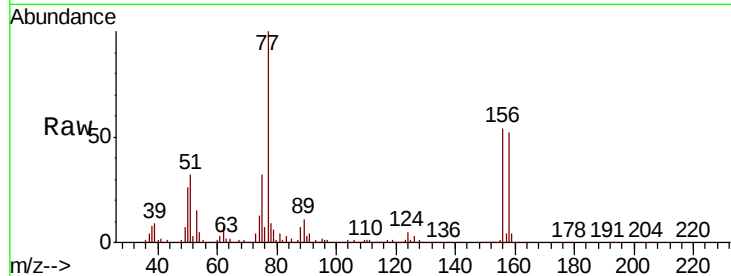
Tot Ion:156 Resp: 90701

Ion Ratio Lower Upper

156 100

77 211.2 107.8 323.6

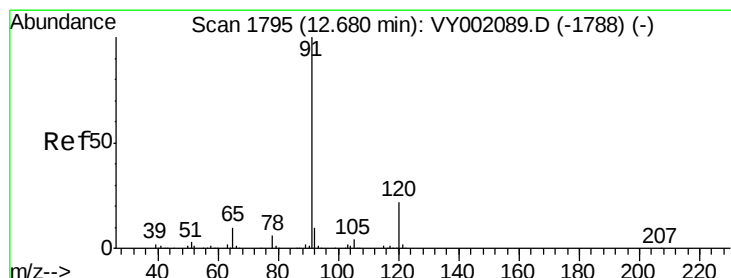
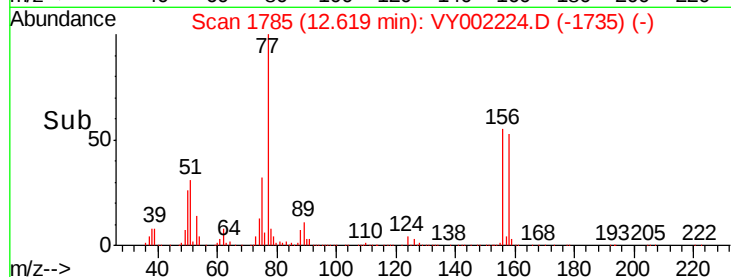
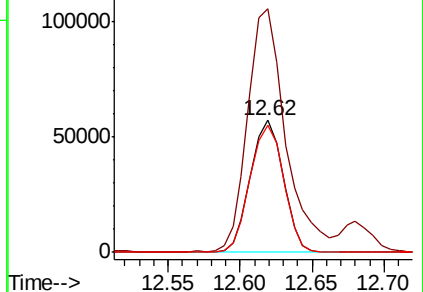
158 98.1 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.389 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002224.D

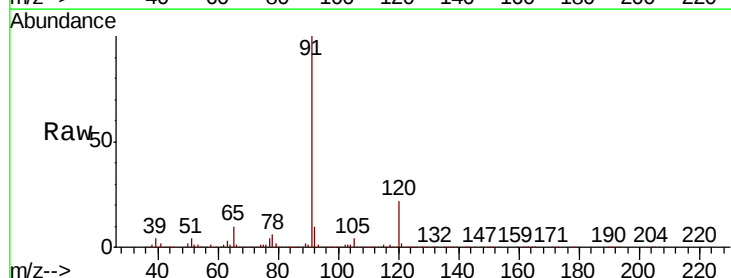
Acq: 03 Apr 2020 17:24

Tgt Ion: 91 Resp: 518231

Ion Ratio Lower Upper

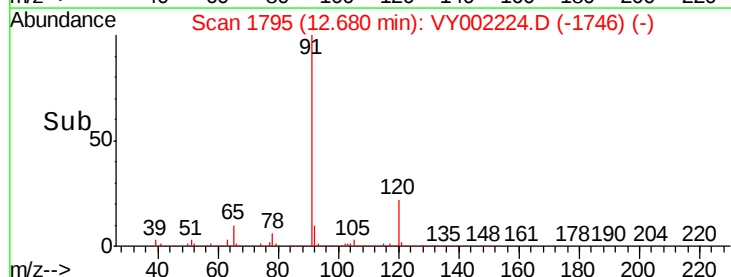
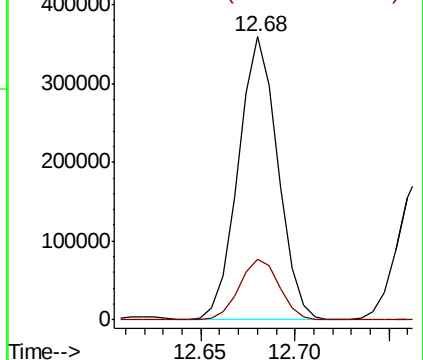
91 100

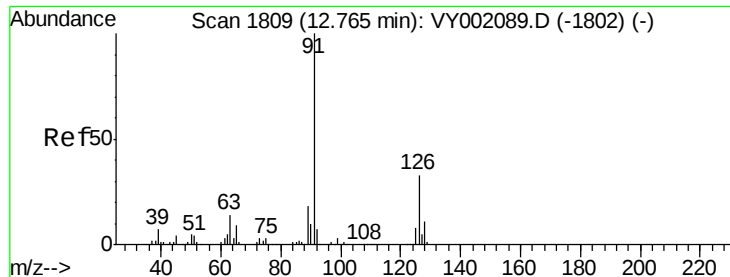
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.384 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

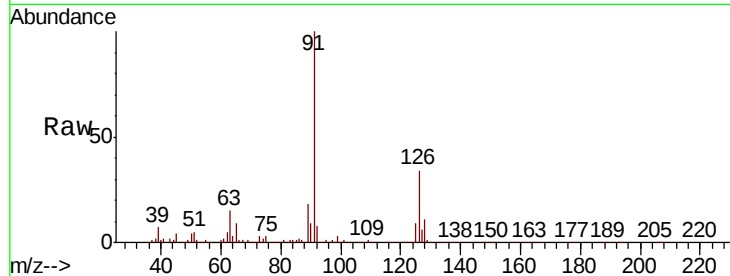
VSTDCCC050EC

Tot Ion: 91 Resp: 284512

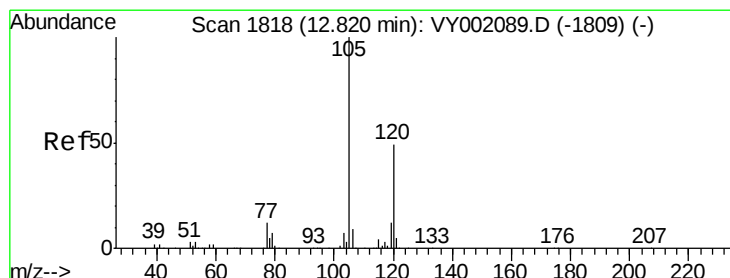
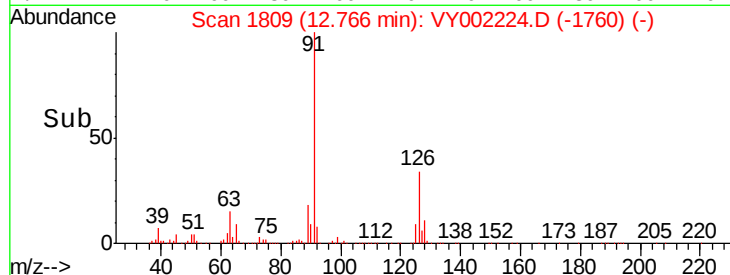
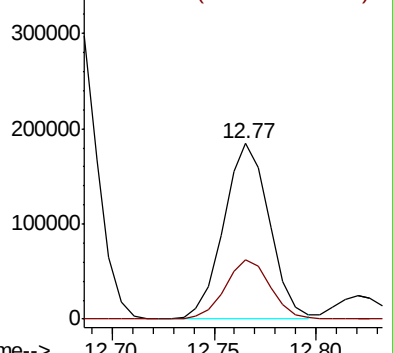
Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.942 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002224.D

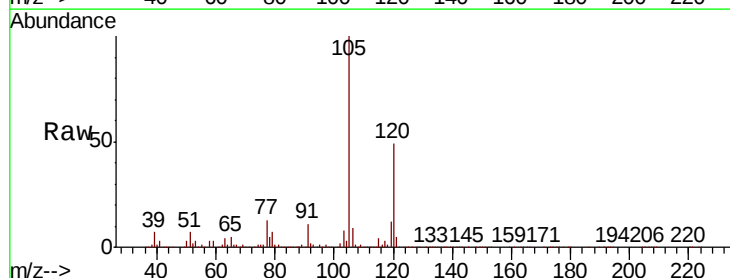
Acq: 03 Apr 2020 17:24

Tgt Ion: 105 Resp: 348318

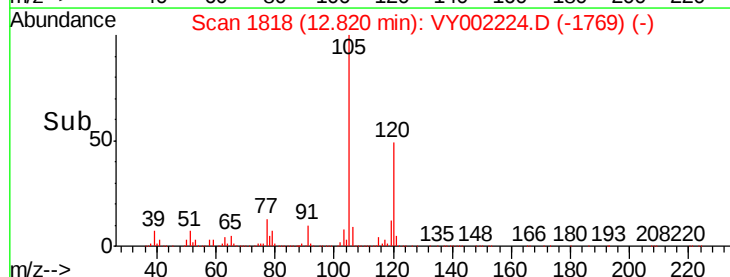
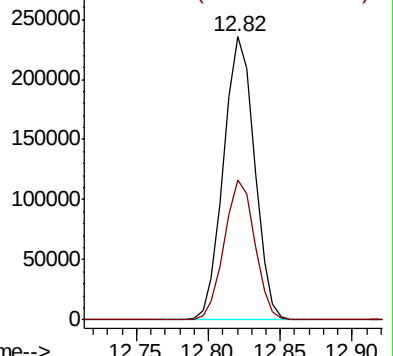
Ion Ratio Lower Upper

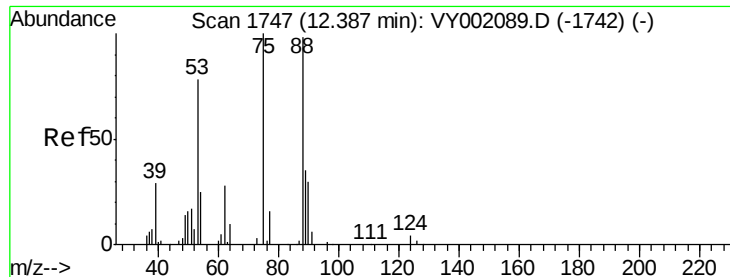
105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.744 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

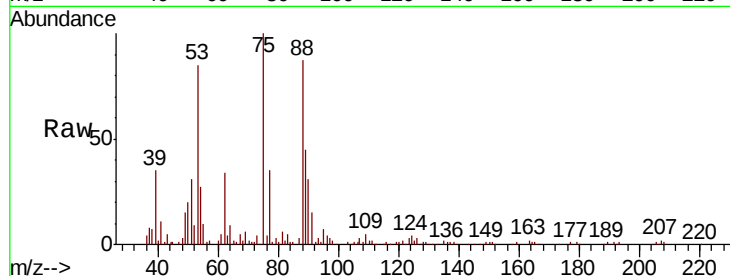
Tot Ion: 75 Resp: 32088

Ion Ratio Lower Upper

75 100

53 82.8 65.0 97.4

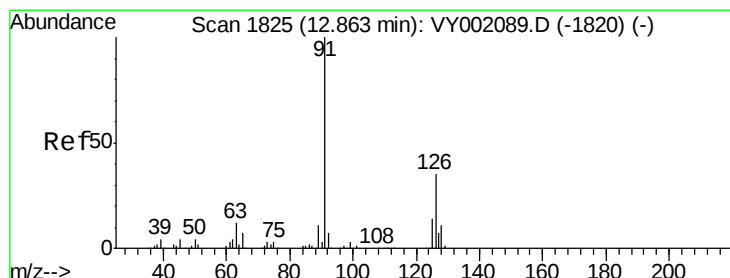
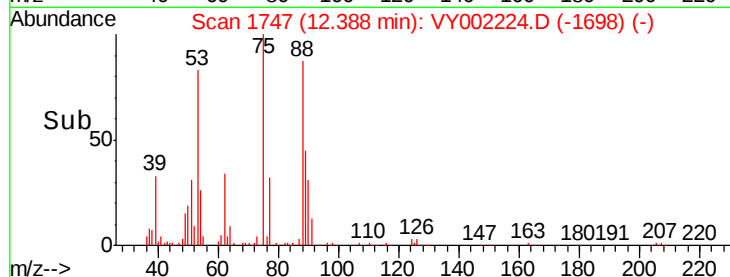
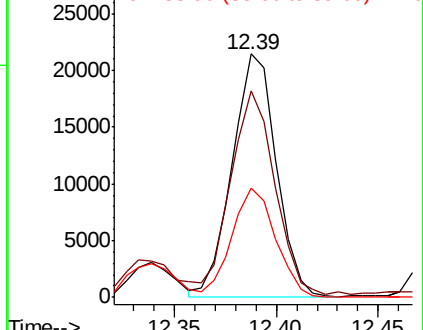
89 44.8 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.750 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002224.D

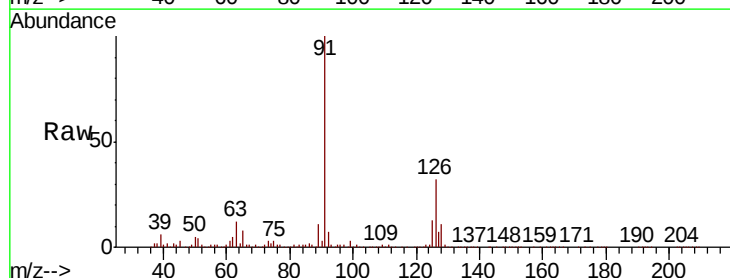
Acq: 03 Apr 2020 17:24

Tgt Ion: 91 Resp: 296034

Ion Ratio Lower Upper

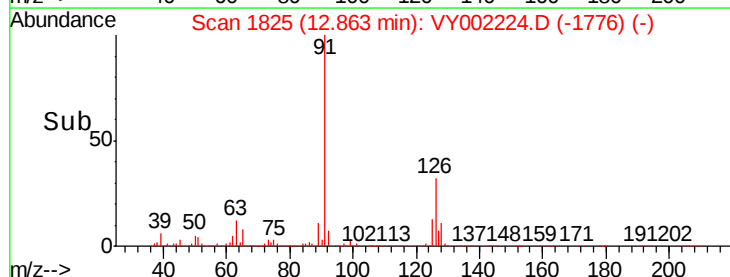
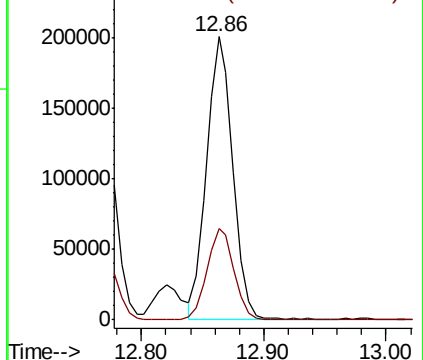
91 100

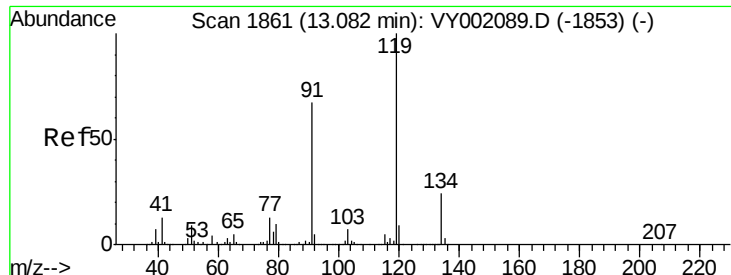
126 33.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

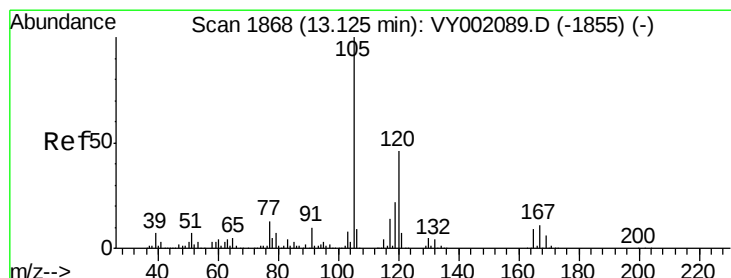
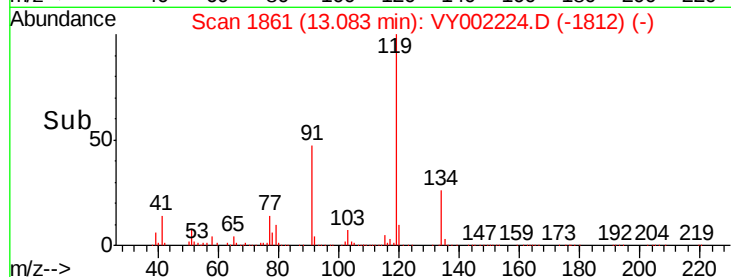
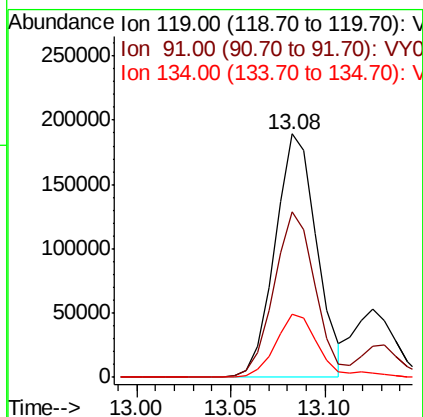
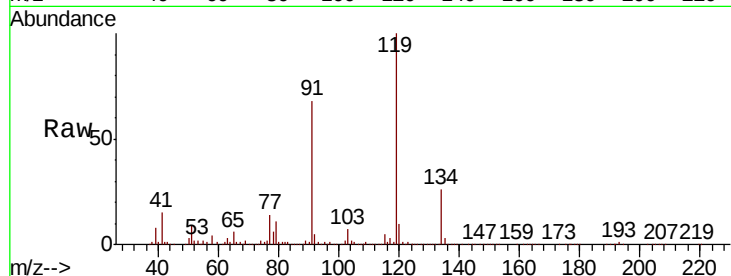




#83
tert-Butylbenzene
Concen: 50.868 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

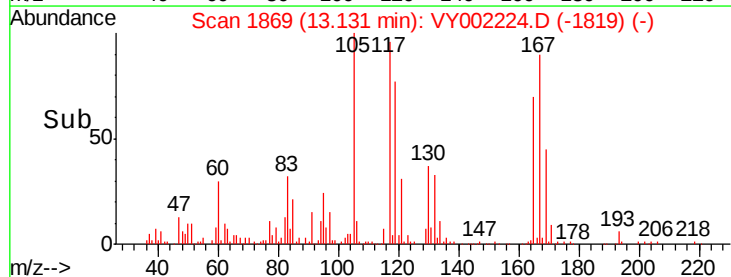
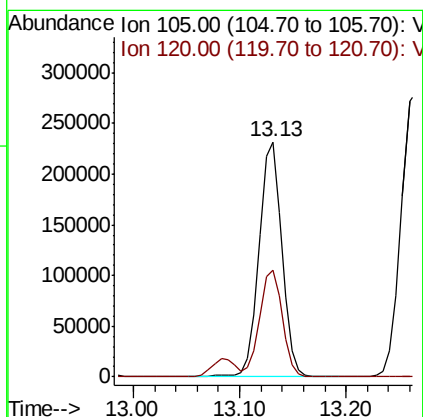
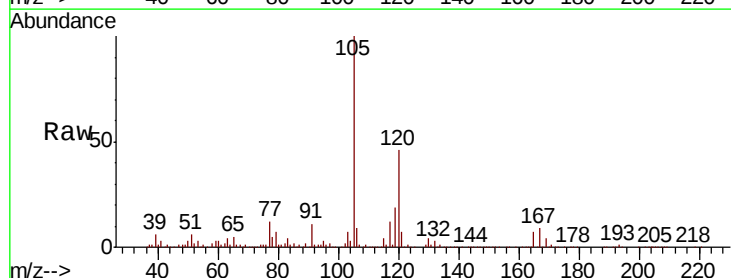
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

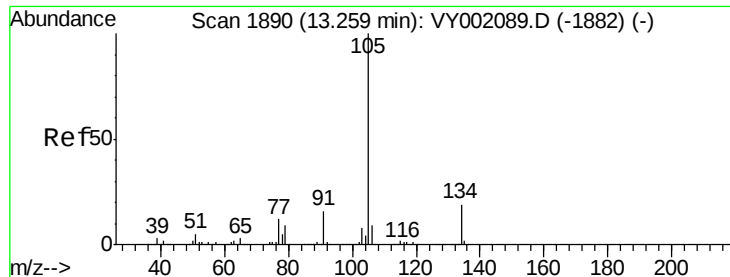
Tot Ion:119 Resp: 290322
Ion Ratio Lower Upper
119 100
91 67.1 32.9 98.6
134 27.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.934 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002224.D
Acq: 03 Apr 2020 17:24

Tgt Ion:105 Resp: 347472
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.584 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

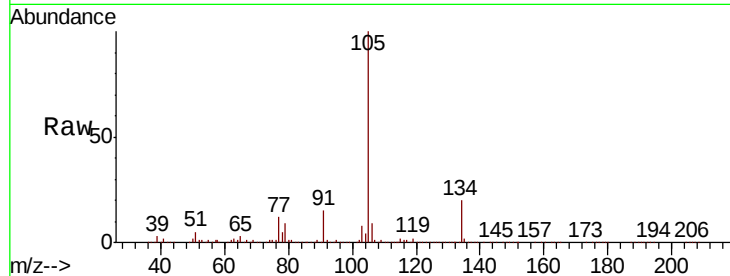
VSTDCCC050EC

Tot Ion:105 Resp: 427609

Ion Ratio Lower Upper

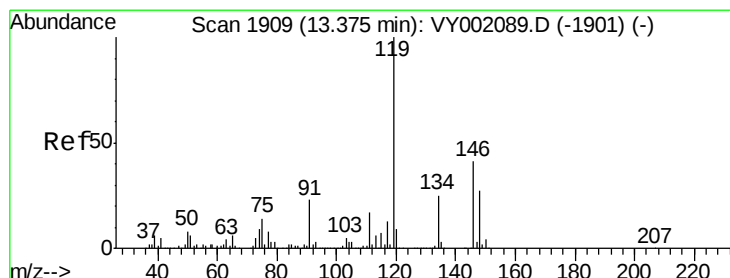
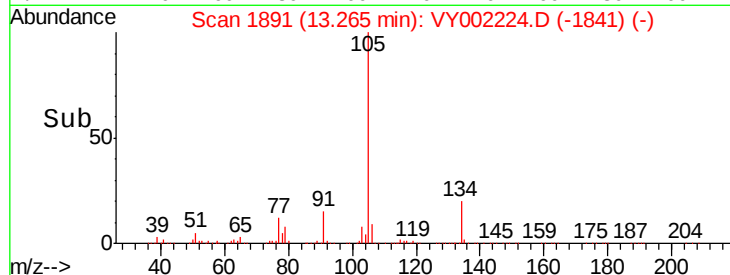
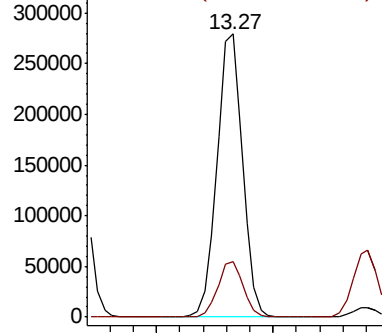
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.387 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

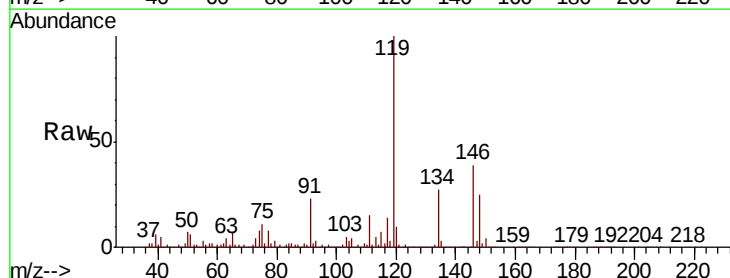
Tgt Ion:119 Resp: 373043

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

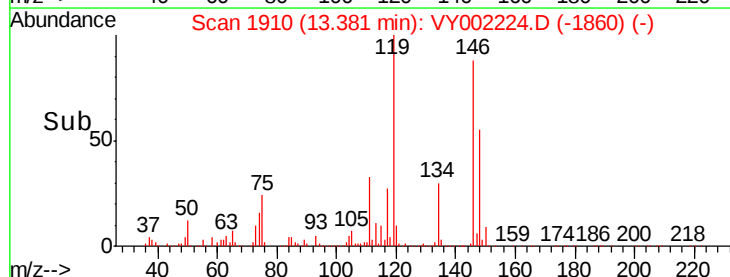
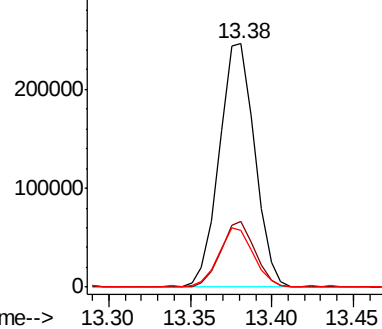
91 23.3 11.8 35.3

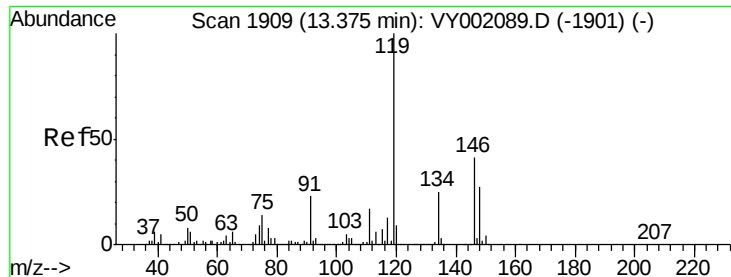


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.580 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

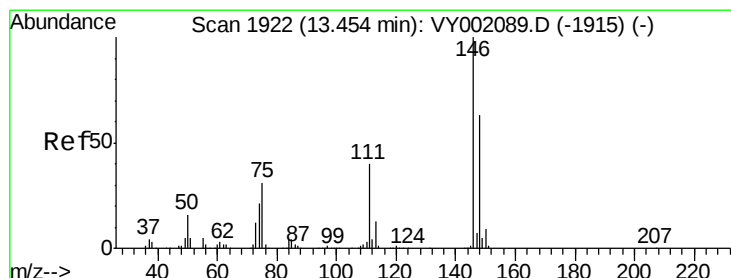
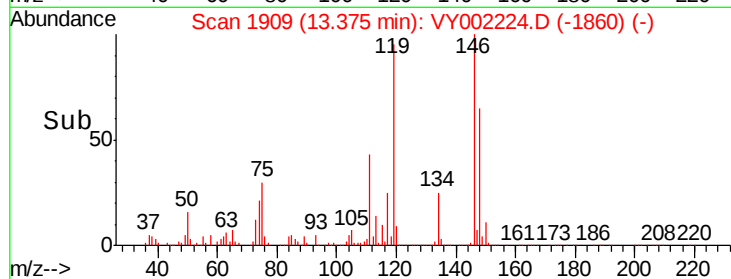
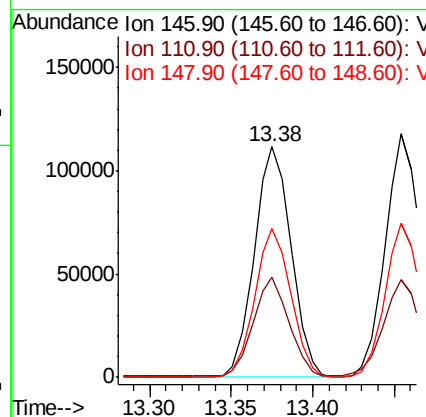
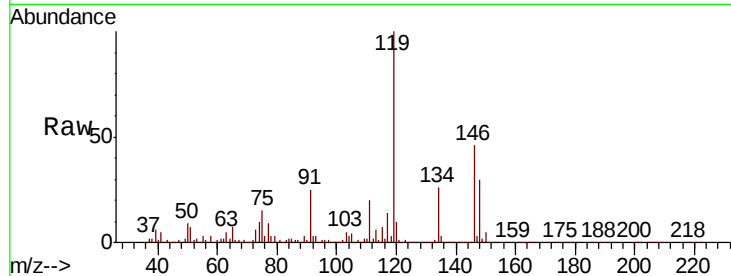
Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 175054

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.8
148	63.0	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 51.143 ug/l

RT: 13.45 min Scan# 1922

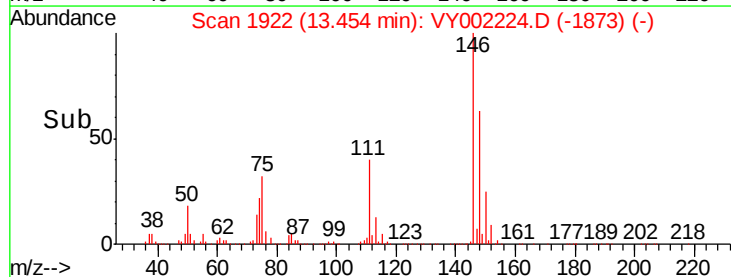
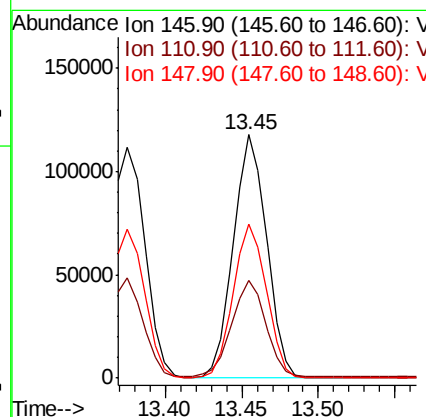
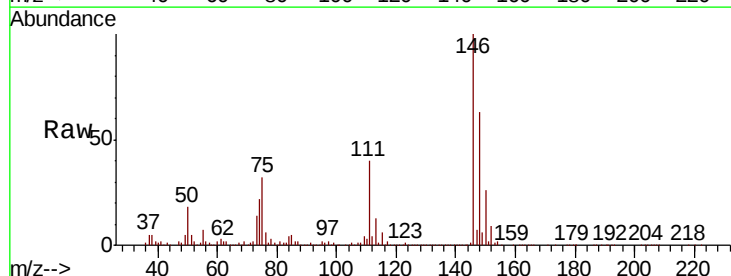
Delta R.T. 0.00 min

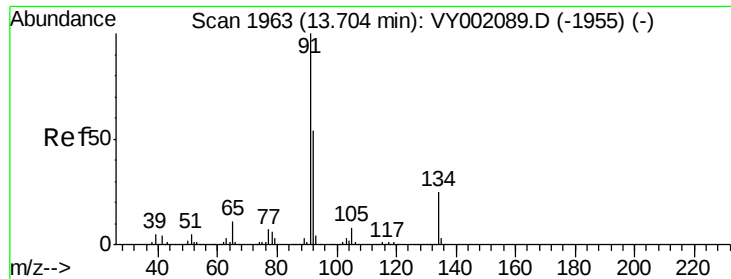
Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Tgt Ion:146 Resp: 178118

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.0	31.5	94.5





#89

n-Butylbenzene

Concen: 49.889 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

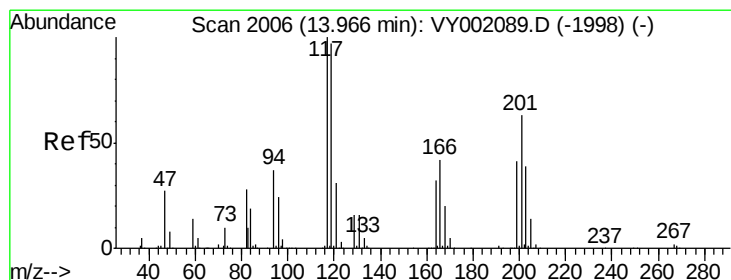
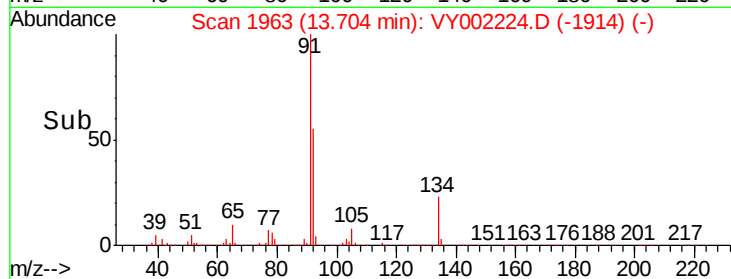
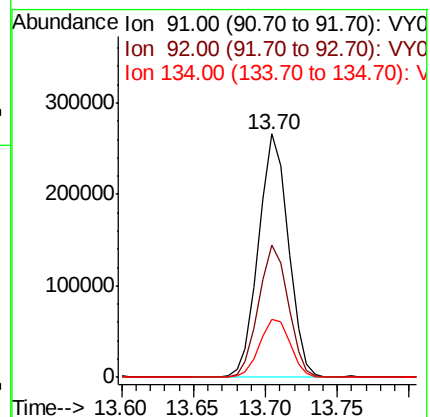
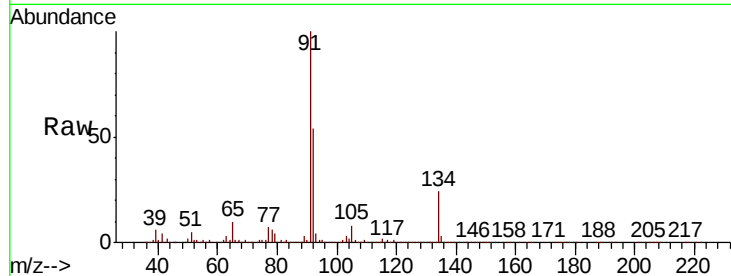
Tot Ion: 91 Resp: 377348

Ion Ratio Lower Upper

91 100

92 54.5 27.0 81.0

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 51.763 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002224.D

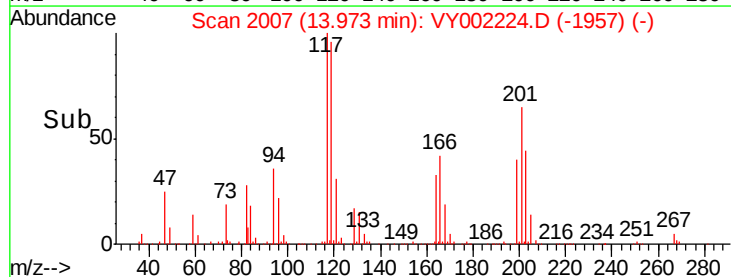
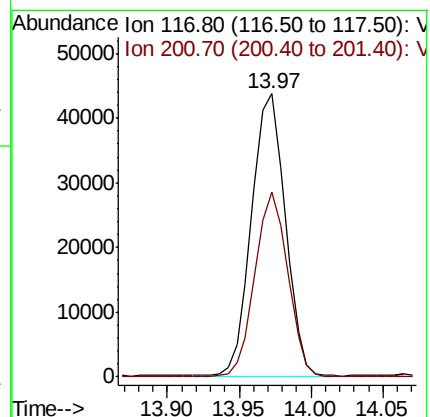
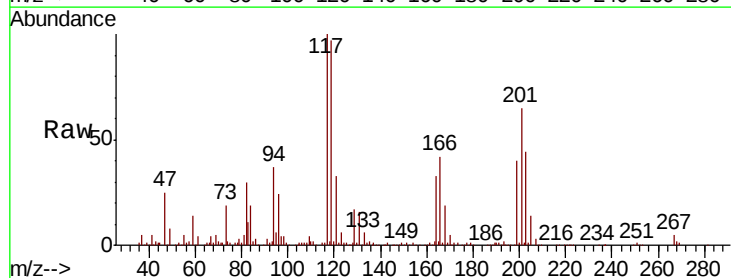
Acq: 03 Apr 2020 17:24

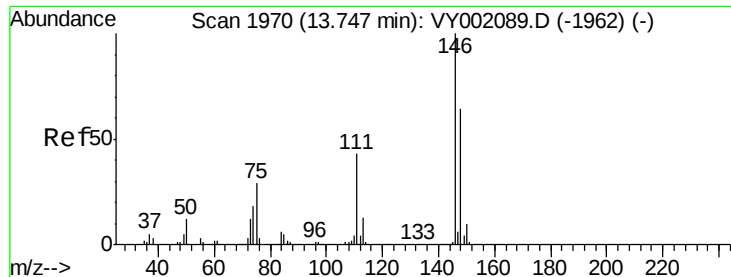
Tgt Ion: 117 Resp: 70807

Ion Ratio Lower Upper

117 100

201 63.7 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 50.783 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

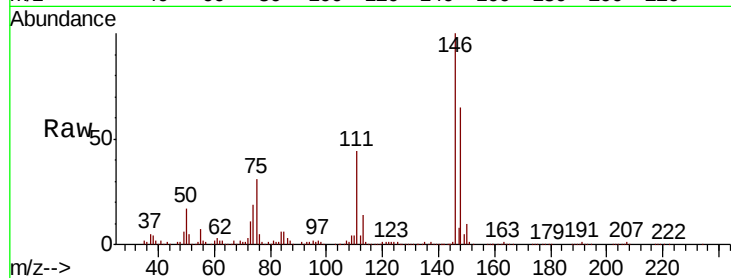
Tot Ion:146 Resp: 162310

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

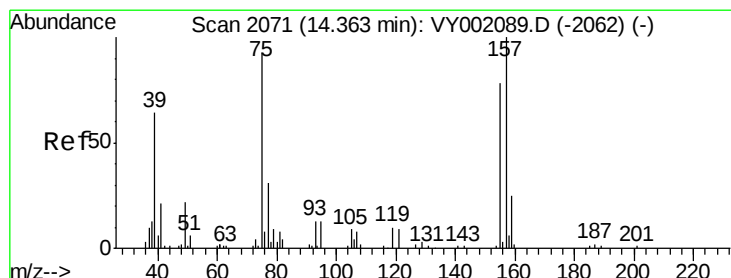
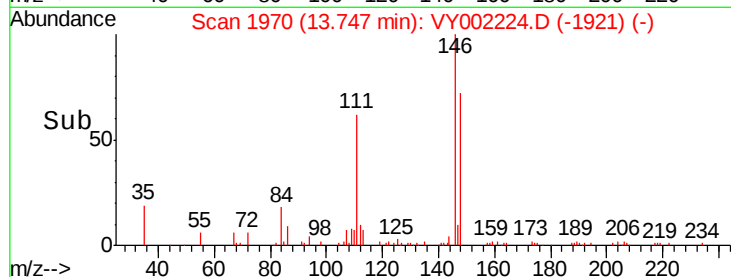
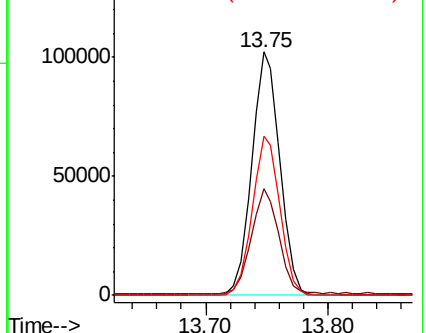
148 64.3 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.102 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

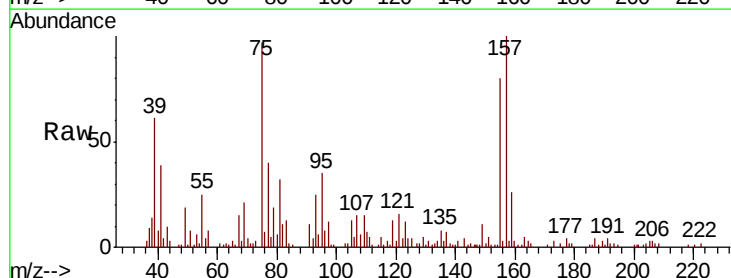
Tgt Ion: 75 Resp: 14598

Ion Ratio Lower Upper

75 100

155 82.6 41.6 124.9

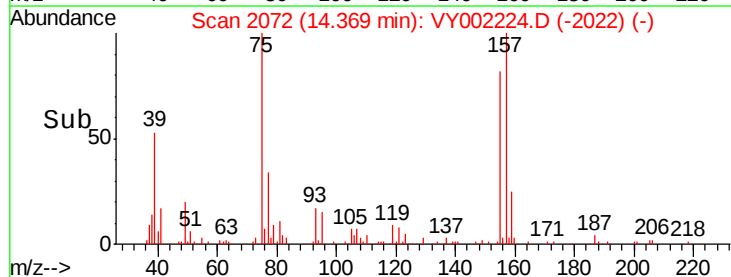
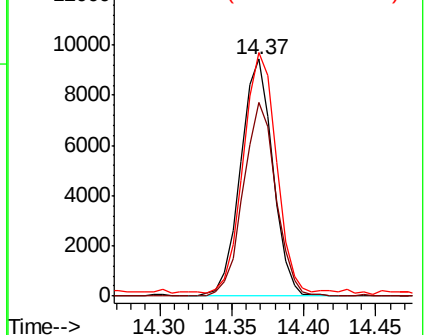
157 104.2 53.4 160.3

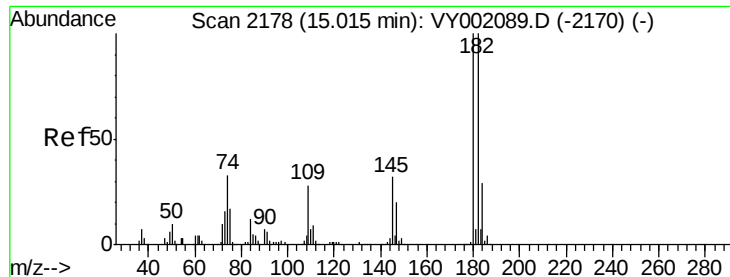


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

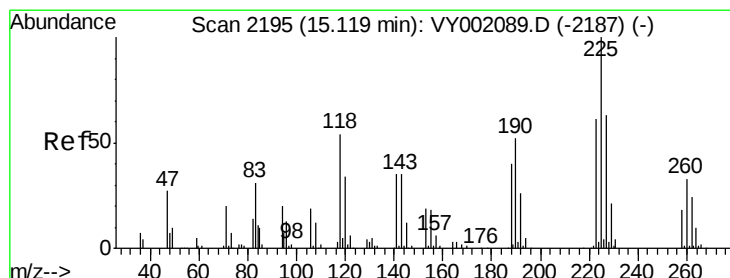
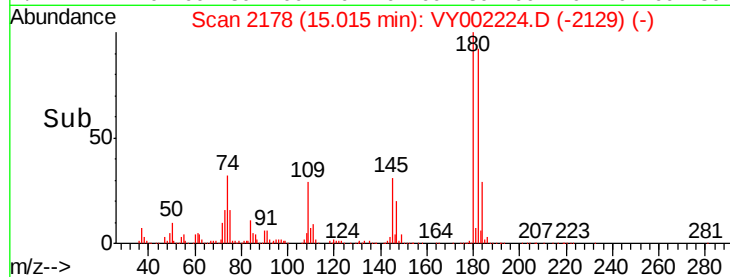
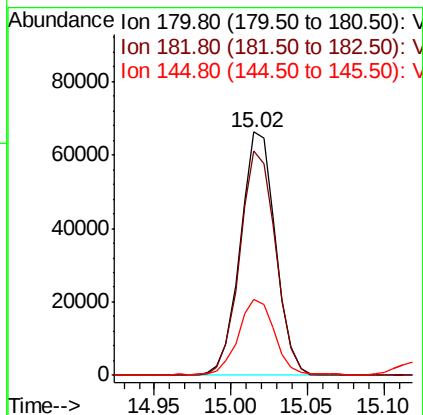
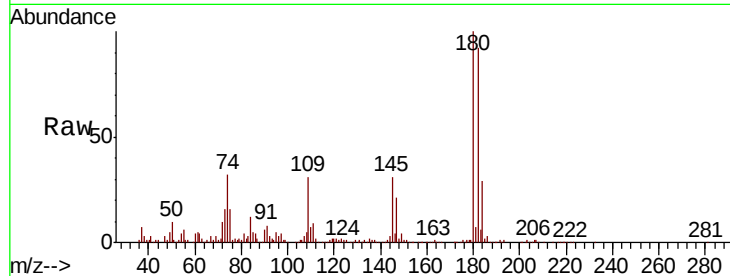




#93
 1,2,4-Trichlorobenzene
 Concen: 51.254 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

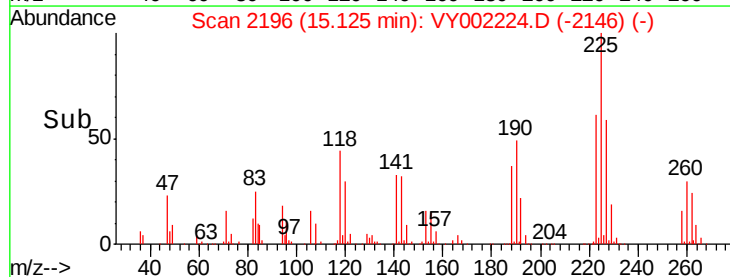
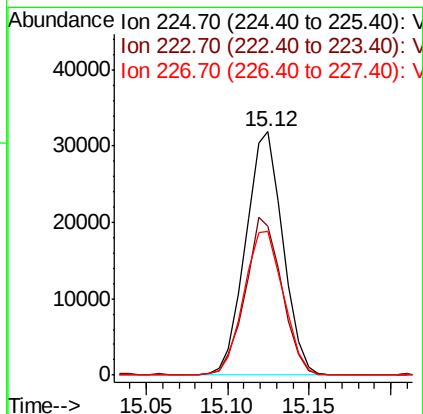
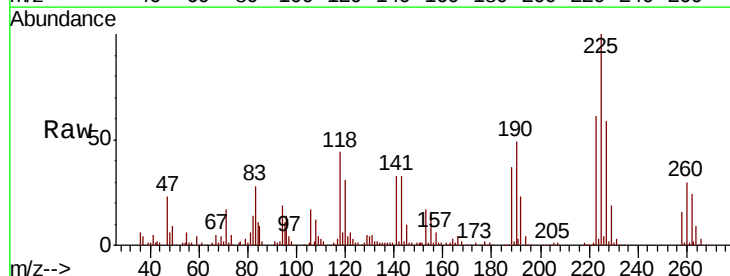
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

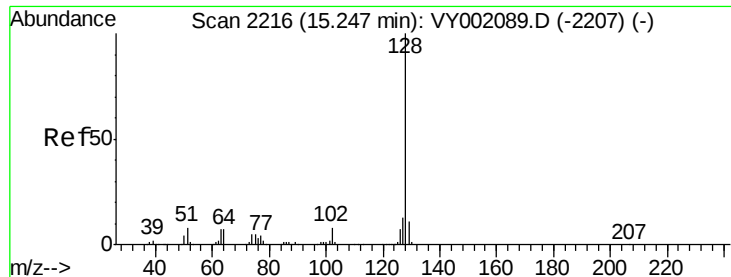
Tot Ion:180 Resp: 105588
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.1 144.3
 145 31.4 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 49.685 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002224.D
 Acq: 03 Apr 2020 17:24

Tgt Ion:225 Resp: 50524
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.3
 227 62.8 31.6 94.7





#95

Naphthalene

Concen: 52.279 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

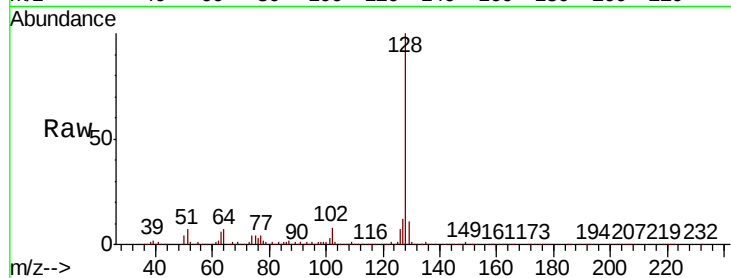
Tot Ion:128 Resp: 255800

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.8

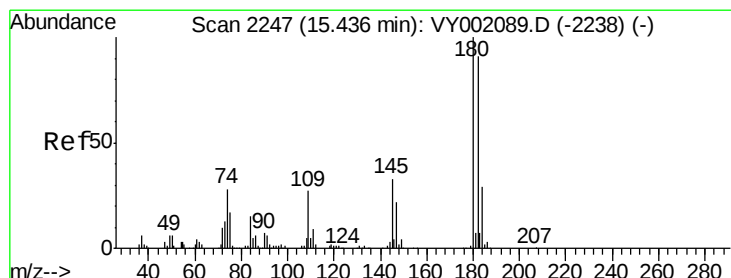
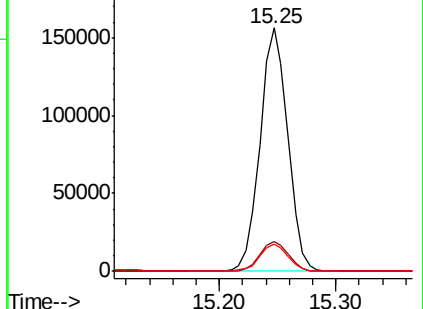
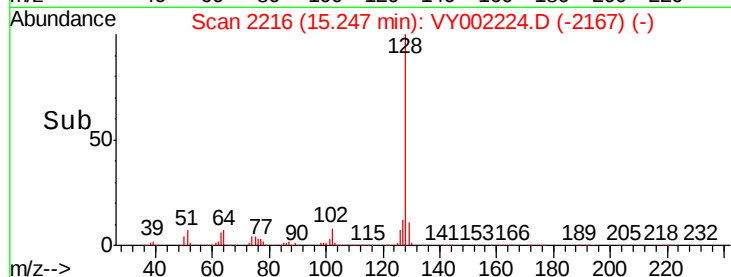
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.829 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002224.D

Acq: 03 Apr 2020 17:24

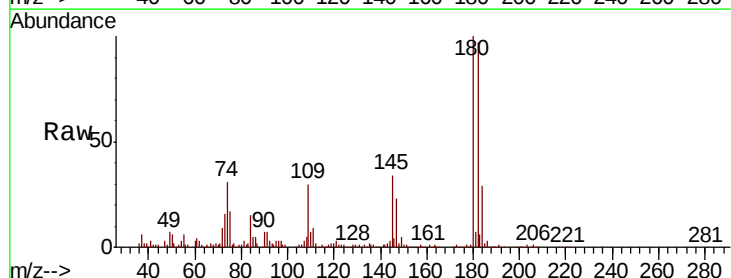
Tgt Ion:180 Resp: 93086

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.3

145 34.2 16.7 50.1



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

