

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001807.D
 Acq On : 28 Feb 2020 18:39
 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: Feb 28 22:33:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	282717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	89426	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
35) Dibromofluoromethane	7.75	113	82801	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
50) Toluene-d8	10.20	98	342566	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.49	95	121256	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	75885	50.873	ug/l	99
3) Chloromethane	2.13	50	97145	48.419	ug/l	99
4) Vinyl Chloride	2.27	62	97422	48.142	ug/l	100
5) Bromomethane	2.67	94	64274	50.819	ug/l	99
6) Chloroethane	2.82	64	63612	51.012	ug/l	97
7) Trichlorofluoromethane	3.15	101	137129	52.946	ug/l	96
8) Diethyl Ether	3.55	74	55788	54.639	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	87186	53.557	ug/l	99
10) Methyl Iodide	4.13	142	99486	49.934	ug/l	99
11) Tert butyl alcohol	5.00	59	46402	242.589	ug/l	97
12) 1,1-Dichloroethene	3.90	96	86013	51.804	ug/l	99
13) Acrolein	3.76	56	47441	285.377	ug/l	99
14) Allyl chloride	4.52	41	158968	53.797	ug/l	100
15) Acrylonitrile	5.21	53	153866	294.001	ug/l	100
16) Acetone	3.98	43	119045	209.019	ug/l	98
17) Carbon Disulfide	4.23	76	263136	47.470	ug/l	100
18) Methyl Acetate	4.52	43	71089	57.315	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	254045	54.955	ug/l	99
20) Methylene Chloride	4.75	84	105087	51.946	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	97835	51.646	ug/l	98
22) Diisopropyl ether	6.16	45	339039	55.870	ug/l	96
23) Vinyl Acetate	6.10	43	1123002	283.705	ug/l	98
24) 1,1-Dichloroethane	6.06	63	176754	54.497	ug/l	99
25) 2-Butanone	7.03	43	200533	259.188	ug/l	99
26) 2,2-Dichloropropane	7.02	77	143955	51.015	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	112311	53.711	ug/l	99
28) Bromochloromethane	7.37	49	80105	59.289	ug/l	97
29) Tetrahydrofuran	7.38	42	134124	286.811	ug/l	99
30) Chloroform	7.54	83	167127	52.736	ug/l	100
31) Cyclohexane	7.82	56	169042	48.883	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	140048	52.579	ug/l	99
36) 1,1-Dichloropropene	7.95	75	135738	50.264	ug/l	99
37) Ethyl Acetate	7.11	43	87194	54.097	ug/l	99
38) Carbon Tetrachloride	7.93	117	119634	50.436	ug/l	97

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39) Methylcyclohexane	9.21	83	175149	48.888	ug/l	99
40) Benzene	8.19	78	416590	52.452	ug/l	99
41) Methacrylonitrile	7.38	41	119905	148.160	ug/l #	31
42) 1,2-Dichloroethane	8.27	62	111067	51.331	ug/l	98
43) Isopropyl Acetate	8.30	43	169189	55.324	ug/l	99
44) Trichloroethene	8.97	130	100356	50.617	ug/l	99
45) 1,2-Dichloropropane	9.24	63	108997	54.798	ug/l	97
46) Dibromomethane	9.33	93	56160	53.981	ug/l	99
47) Bromodichloromethane	9.52	83	133040	52.985	ug/l	96
48) Methyl methacrylate	9.31	41	75063	54.272	ug/l	100
49) 1,4-Dioxane	9.33	88	16250	1105.894	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	438786	279.259	ug/l	99
52) Toluene	10.27	92	255077	51.487	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	145553	52.437	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	170919	53.500	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	83376	54.350	ug/l	97
56) Ethyl methacrylate	10.53	69	127782	55.525	ug/l	99
57) 1,3-Dichloropropane	10.81	76	148602	54.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	230950	268.240	ug/l	100
59) 2-Hexanone	10.85	43	310726	263.565	ug/l	99
60) Dibromochloromethane	11.00	129	89869	53.136	ug/l	100
61) 1,2-Dibromoethane	11.11	107	79345	54.702	ug/l	98
64) Tetrachloroethene	10.74	164	80583	50.125	ug/l	98
65) Chlorobenzene	11.53	112	264777	51.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	89627	51.966	ug/l	99
67) Ethyl Benzene	11.61	91	495018	52.172	ug/l	100
68) m/p-Xylenes	11.72	106	368330	103.922	ug/l	98
69) o-Xylene	12.04	106	174799	51.876	ug/l	98
70) Styrene	12.06	104	308841	52.739	ug/l	99
71) Bromoform	12.22	173	51362	52.110	ug/l #	100
73) Isopropylbenzene	12.34	105	468494	50.897	ug/l	100
74) N-amyl acetate	12.16	43	154916	52.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107703	54.799	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	139833	100.887	ug/l #	100
77) Bromobenzene	12.62	156	102250	51.242	ug/l	98
78) n-propylbenzene	12.68	91	577087	51.477	ug/l	100
79) 2-Chlorotoluene	12.77	91	322076	51.224	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	388132	50.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38411	52.576	ug/l	96
82) 4-Chlorotoluene	12.86	91	337608	50.910	ug/l	99
83) tert-Butylbenzene	13.09	119	328290	51.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	386439	50.872	ug/l	100
85) sec-Butylbenzene	13.27	105	475216	50.703	ug/l	100
86) p-Isopropyltoluene	13.38	119	407990	50.108	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	197512	51.038	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	196861	50.324	ug/l	99
89) n-Butylbenzene	13.70	91	423094	50.853	ug/l	99
90) Hexachloroethane	13.97	117	77869	50.759	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	182734	51.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	16544	51.005	ug/l	97

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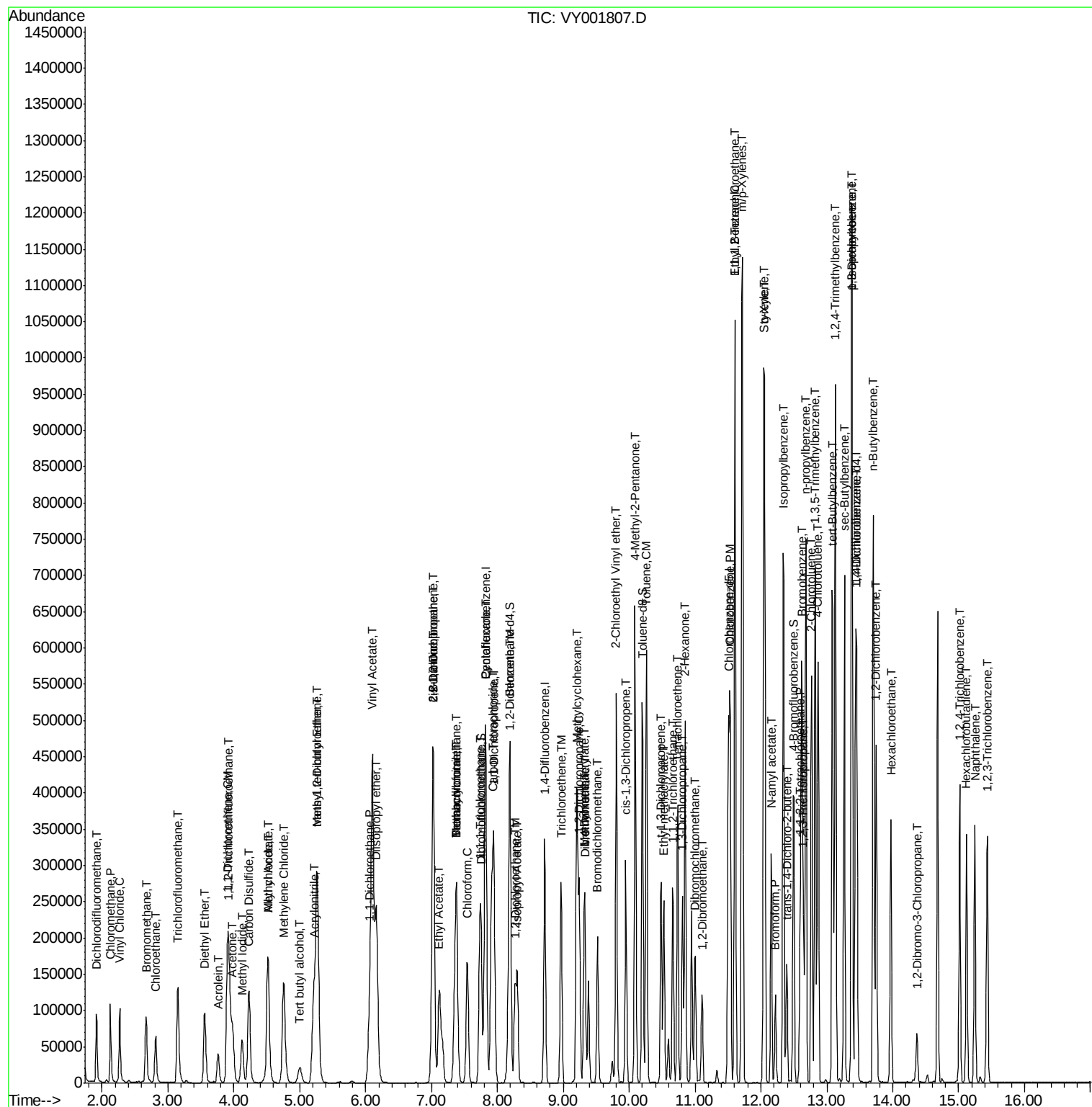
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	117528	49.659	ug/l	98
94) Hexachlorobutadiene	15.12	225	55242	46.934	ug/l	100
95) Naphthalene	15.25	128	284683	52.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	103912	49.907	ug/l	99

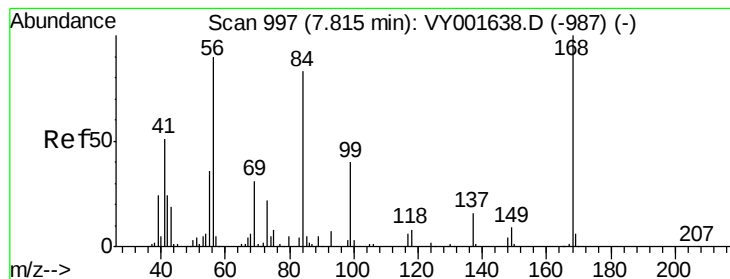
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

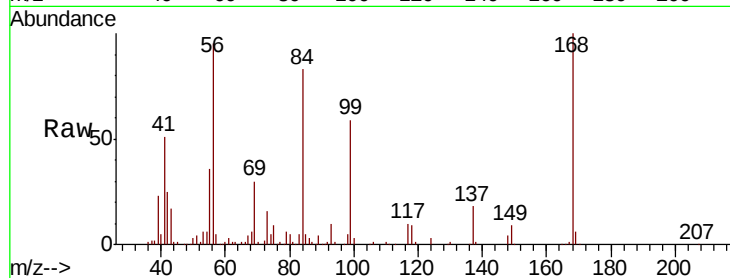
VSTDCCC050EC

Tot Ion:168 Resp: 153026

Ion Ratio Lower Upper

168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001807.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001807.D (-948) (-)

7.82

60000

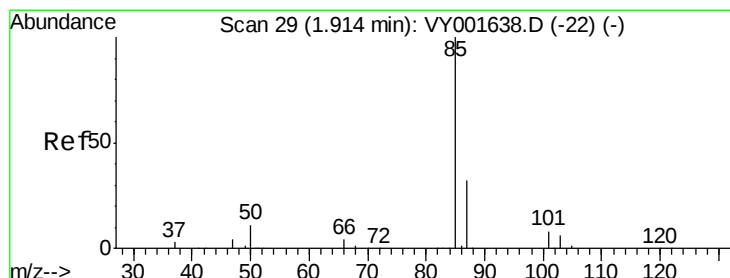
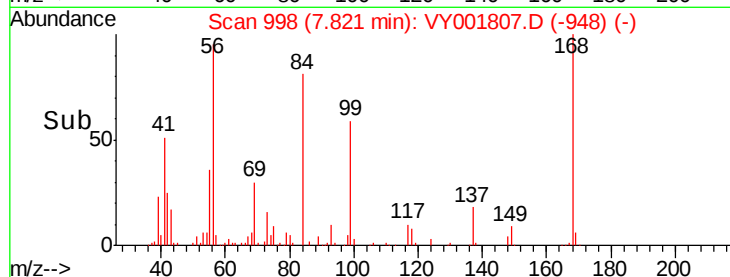
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.873 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001807.D

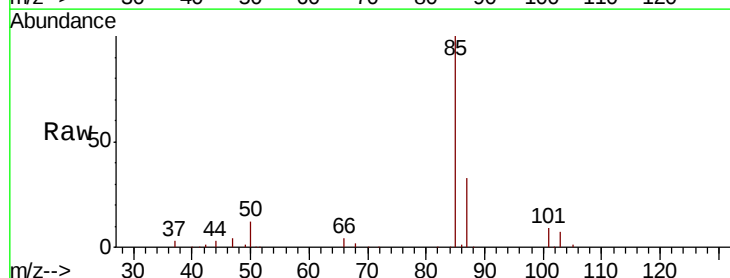
Acq: 28 Feb 2020 18:39

Tgt Ion: 85 Resp: 75885

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001807.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001807.D (-1) (-)

1.91

60000

50000

40000

30000

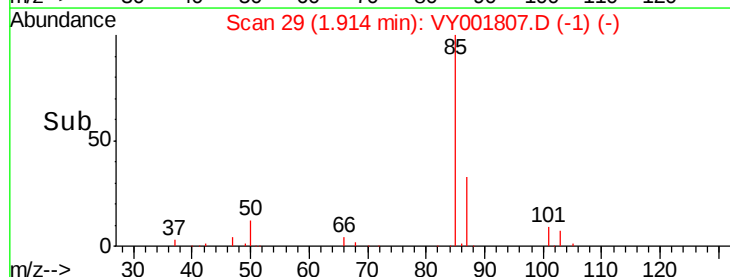
20000

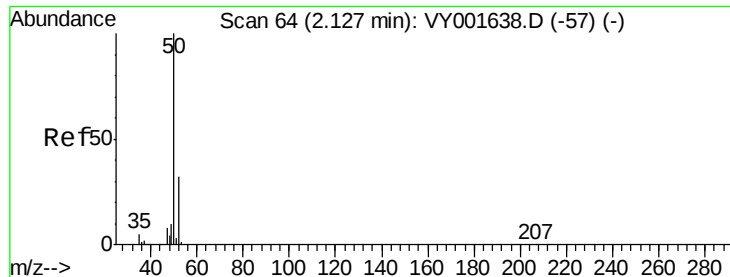
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.419 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

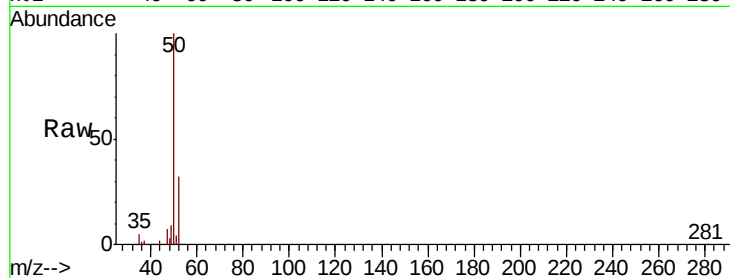
VSTDCCC050EC

Tot Ion: 50 Resp: 97145

Ion Ratio Lower Upper

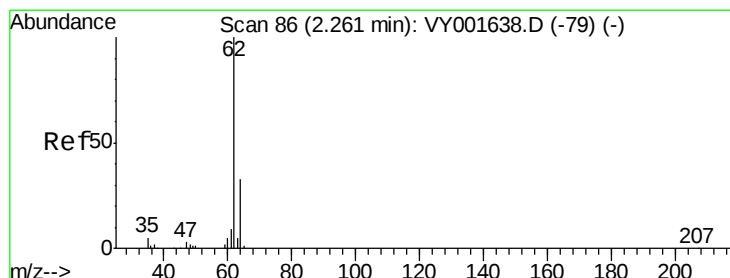
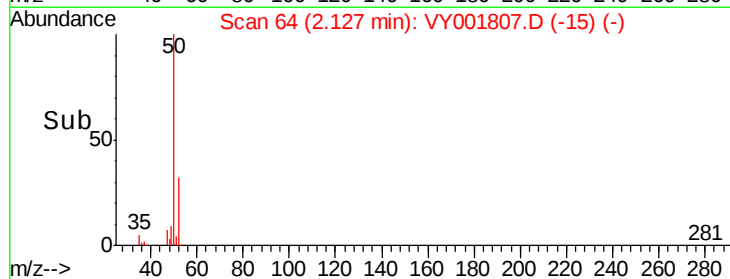
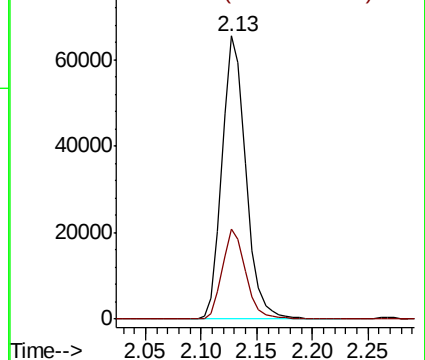
50 100

52 31.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.142 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001807.D

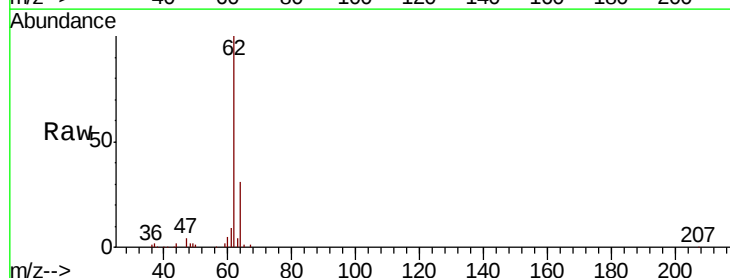
Acq: 28 Feb 2020 18:39

Tgt Ion: 62 Resp: 97422

Ion Ratio Lower Upper

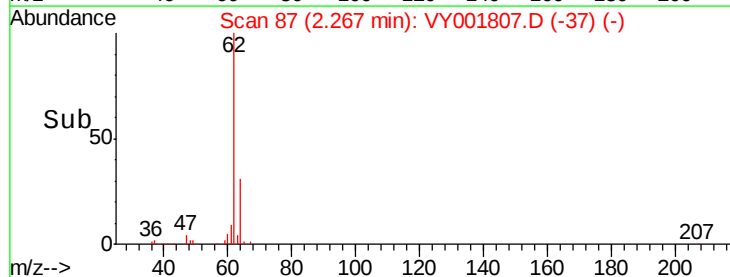
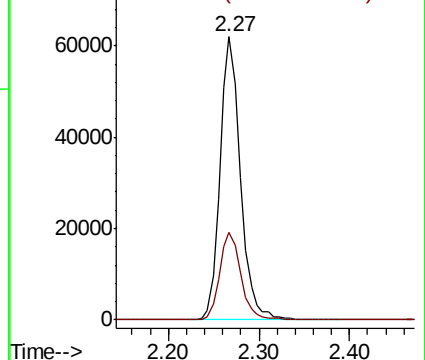
62 100

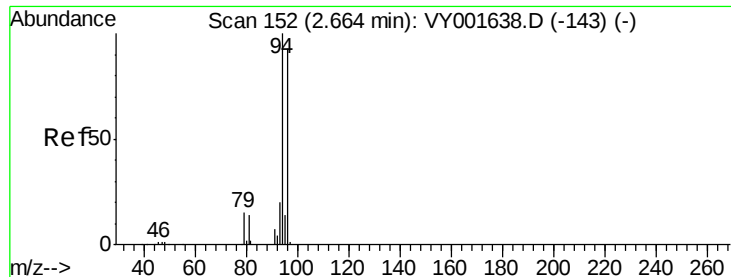
64 31.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.819 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

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ClientSampleId :

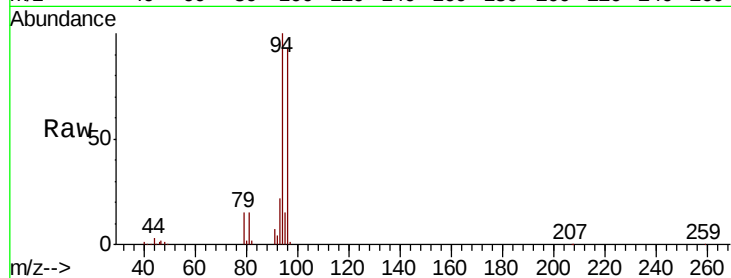
VSTDCCC050EC

Tot Ion: 94 Resp: 64274

Ion Ratio Lower Upper

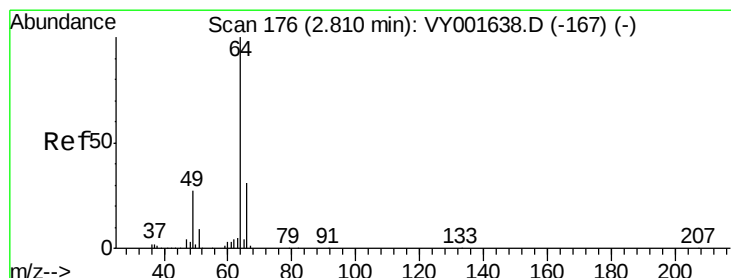
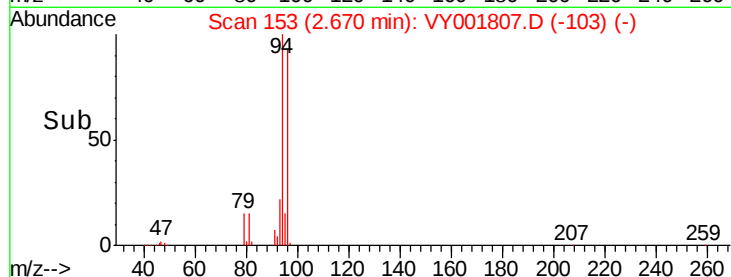
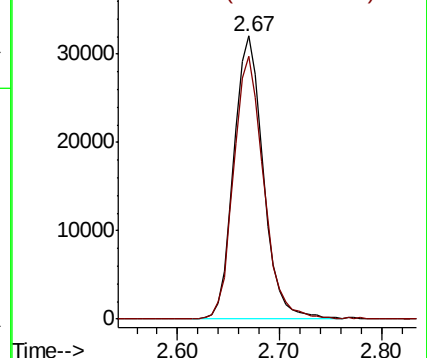
94 100

96 93.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.012 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001807.D

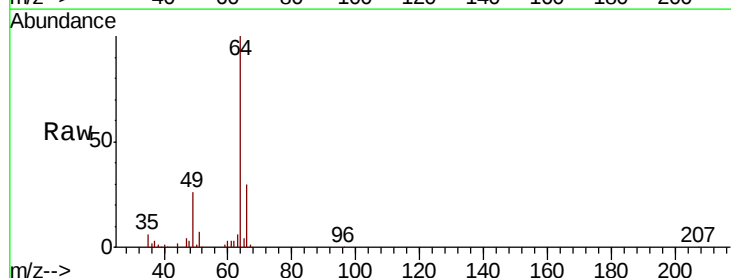
Acq: 28 Feb 2020 18:39

Tgt Ion: 64 Resp: 63612

Ion Ratio Lower Upper

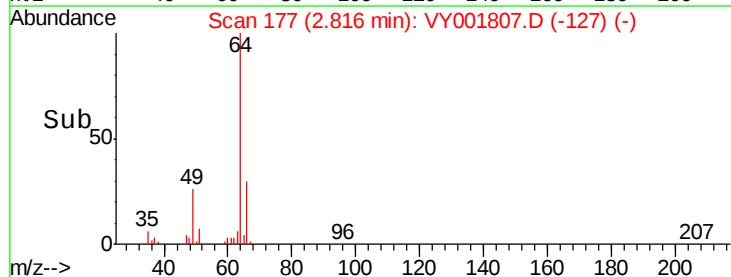
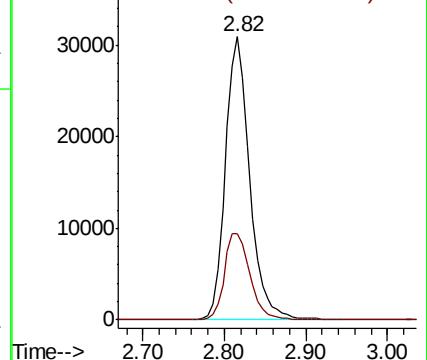
64 100

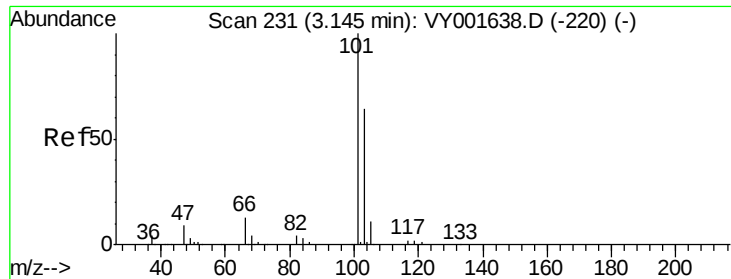
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



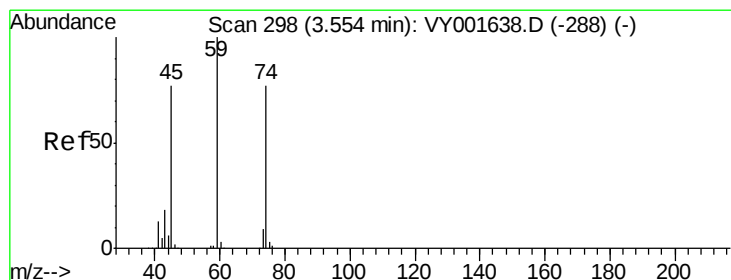
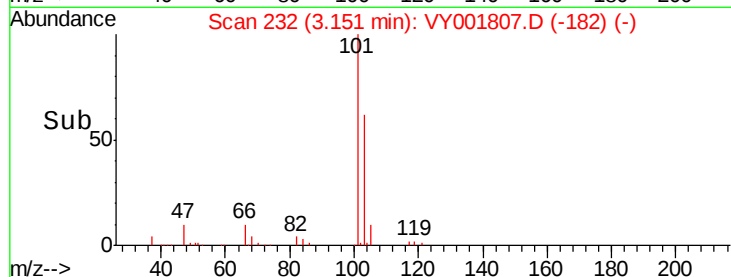
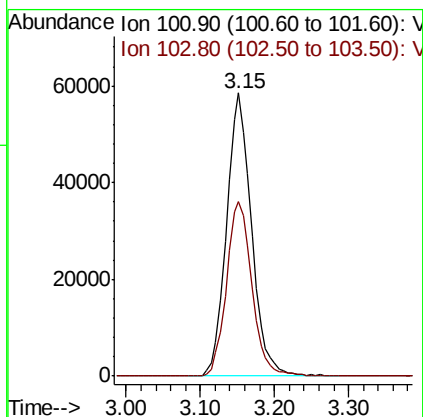
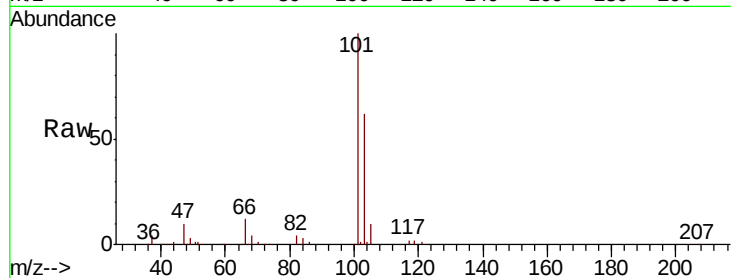


#7

Trichlorofluoromethane
 Concen: 52.946 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
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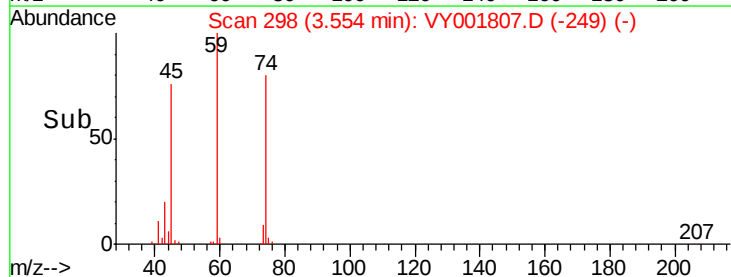
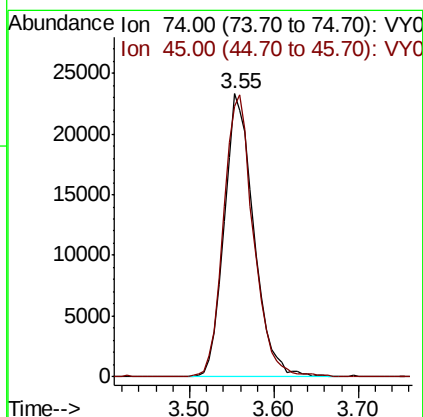
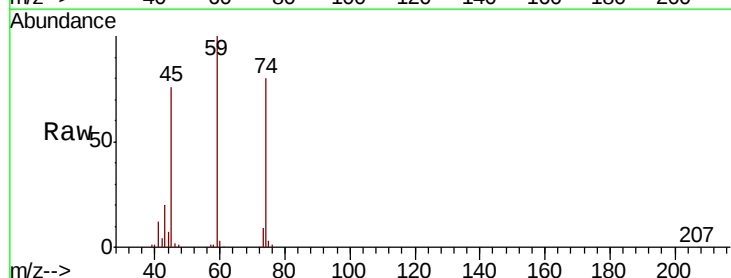
Tot Ion:101 Resp: 137129
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.2 78.2

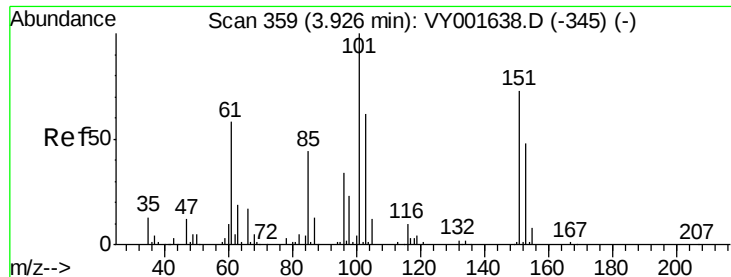


#8

Diethyl Ether
 Concen: 54.639 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 74 Resp: 55788
 Ion Ratio Lower Upper
 74 100
 45 101.3 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.557 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001807.D

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VSTDCCC050EC

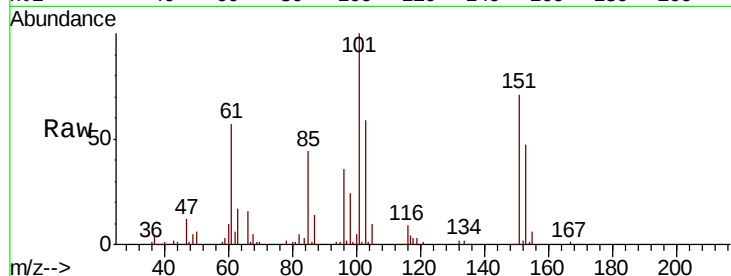
Tot Ion:101 Resp: 87186

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

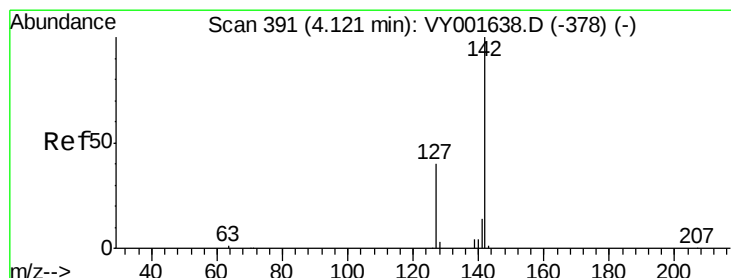
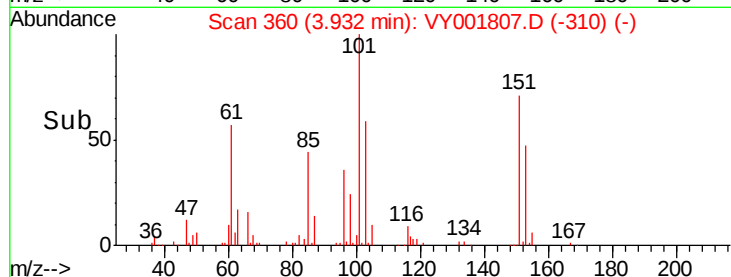
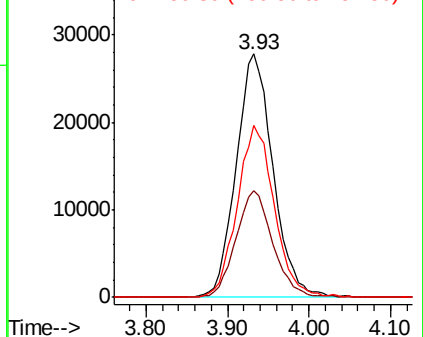
151 71.3 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.934 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

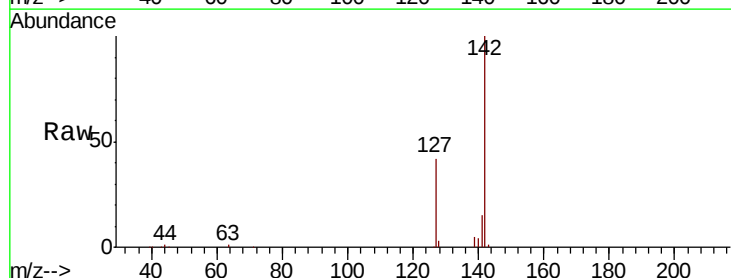
Tgt Ion:142 Resp: 99486

Ion Ratio Lower Upper

142 100

127 41.0 32.1 48.1

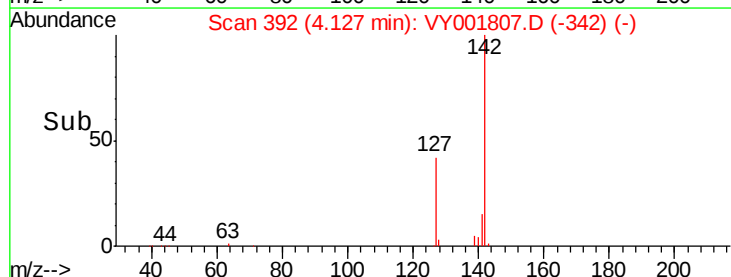
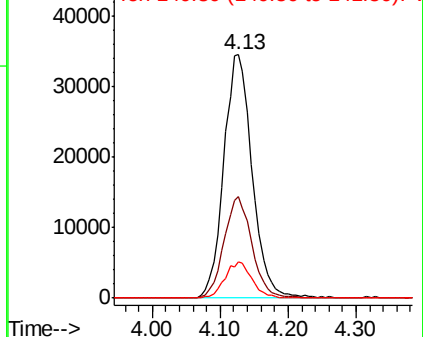
141 14.2 11.3 16.9

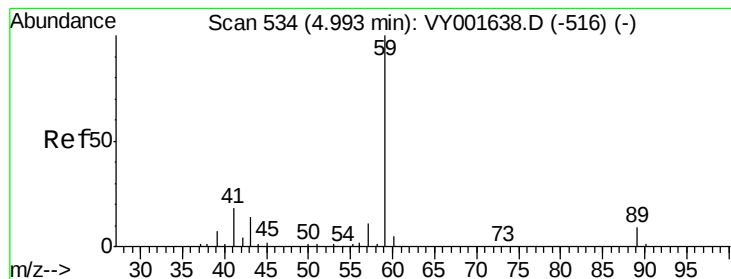


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



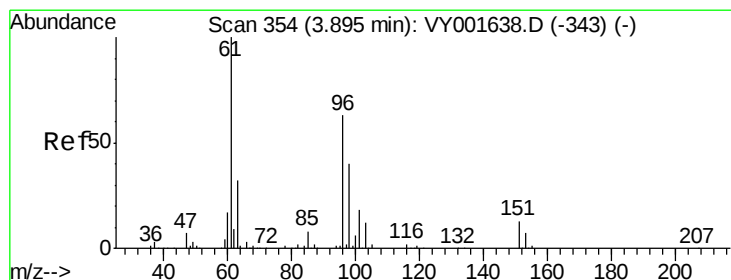
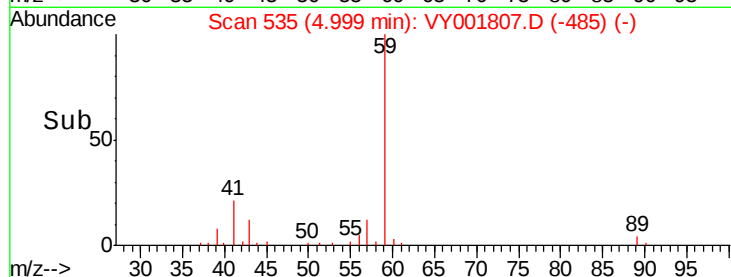
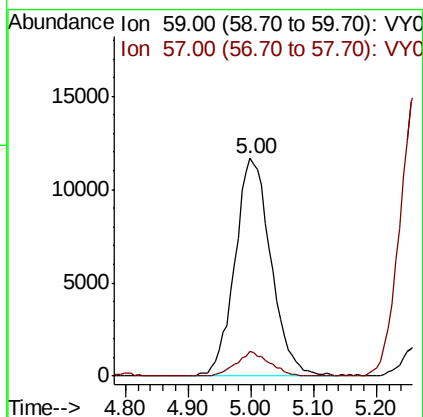
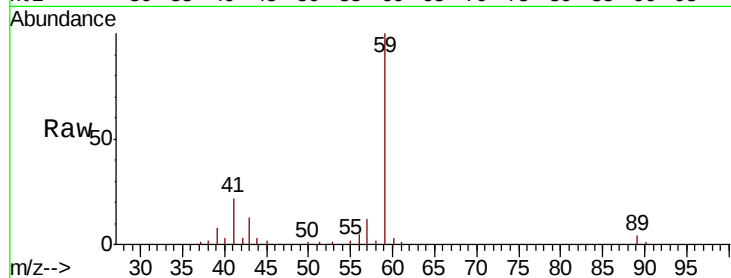


#11

Tert butyl alcohol
 Concen: 242.589 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

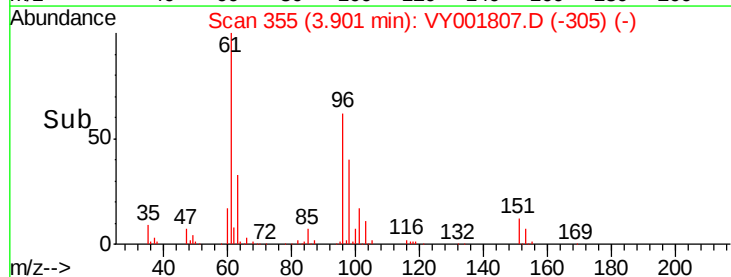
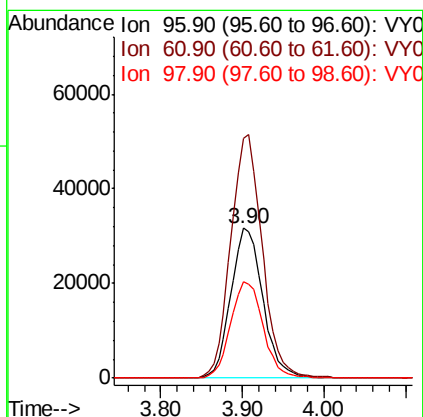
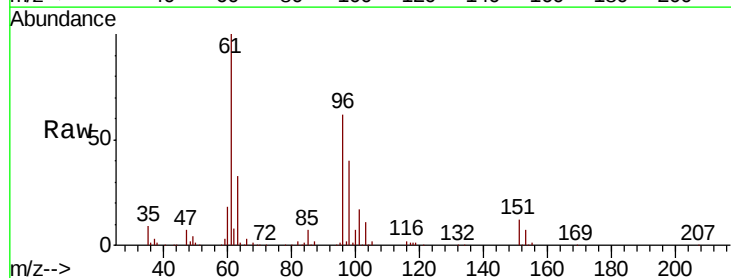
Tot Ion: 59 Resp: 46402
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.4 11.2

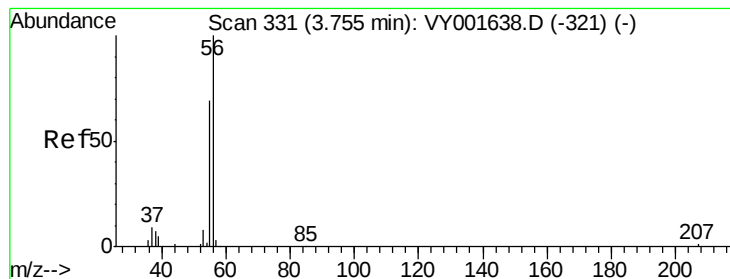


#12

1,1-Dichloroethene
 Concen: 51.804 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 96 Resp: 86013
 Ion Ratio Lower Upper
 96 100
 61 160.2 128.7 193.1
 98 64.2 50.7 76.1





#13

Acrolein

Concen: 285.377 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

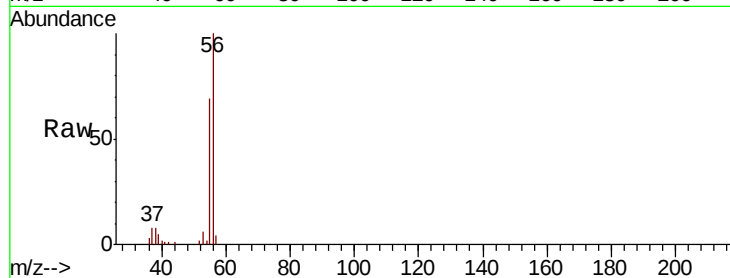
VSTDCCC050EC

Tot Ion: 56 Resp: 47441

Ion Ratio Lower Upper

56 100

55 71.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

20000

15000

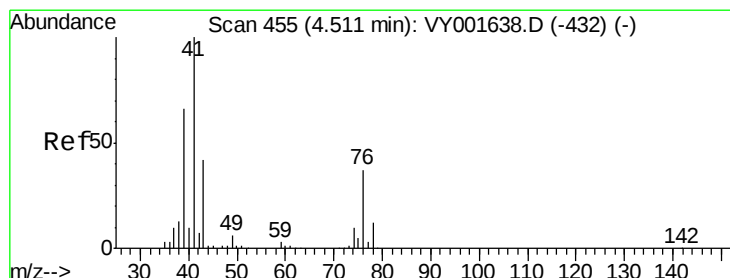
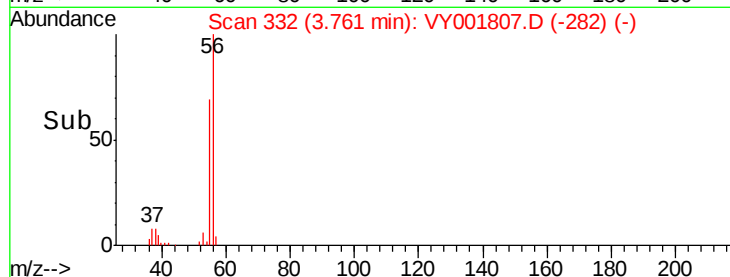
10000

5000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 53.797 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

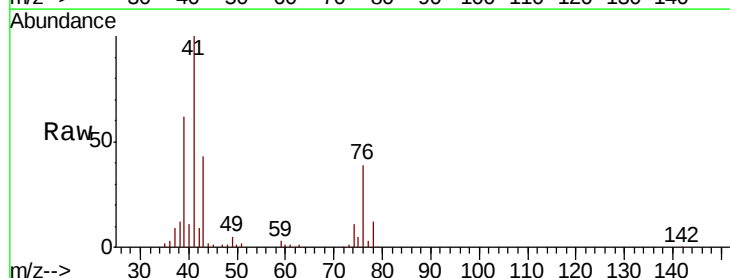
Tgt Ion: 41 Resp: 158968

Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.0

76 36.4 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.52

60000

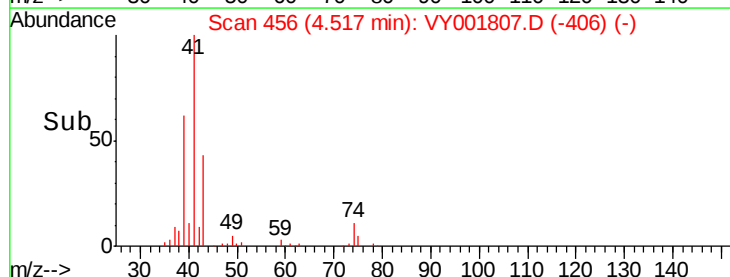
40000

20000

0

Time-->

4.40 4.60





#15

Acrylonitrile

Concen: 294.001 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

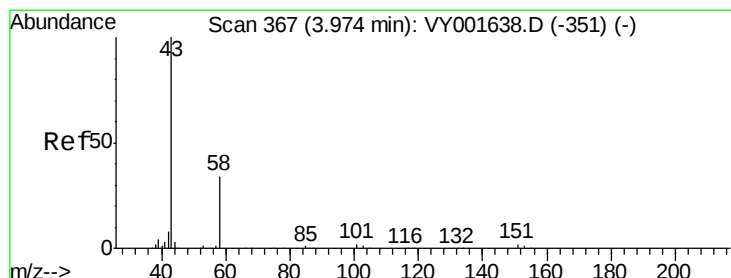
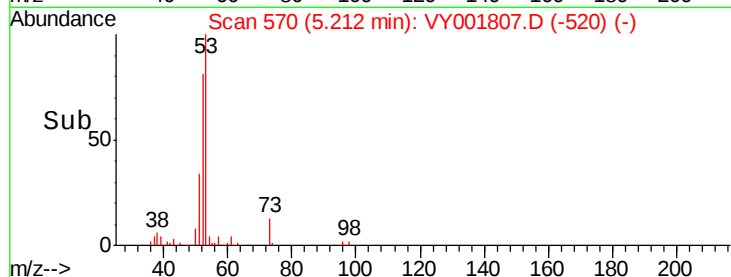
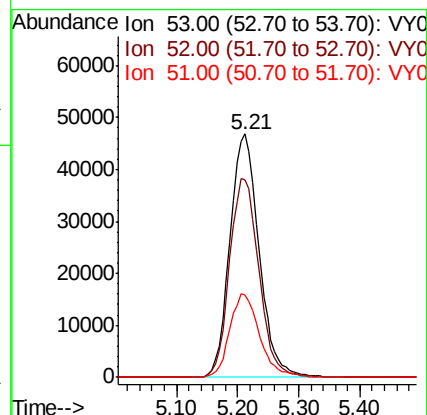
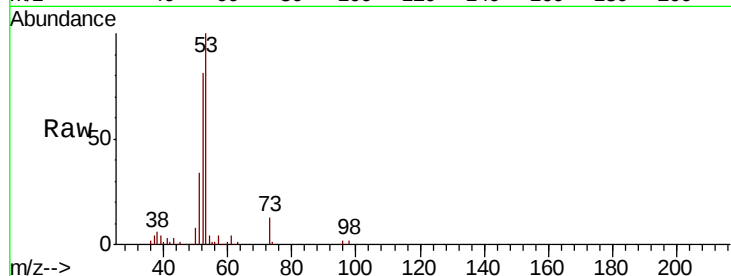
Tot Ion: 53 Resp: 153866

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

51 35.1 28.0 42.0



#16

Acetone

Concen: 209.019 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001807.D

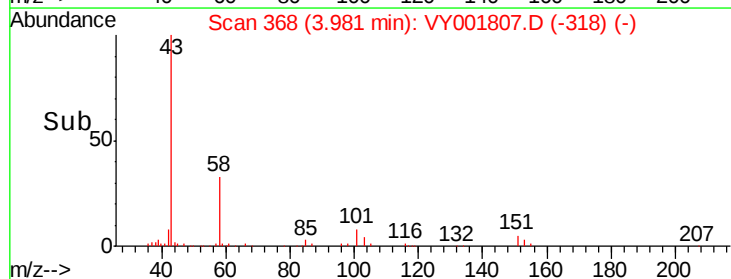
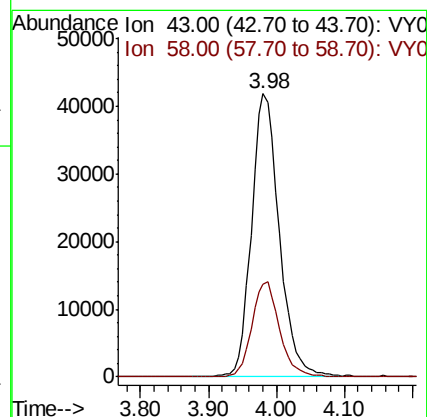
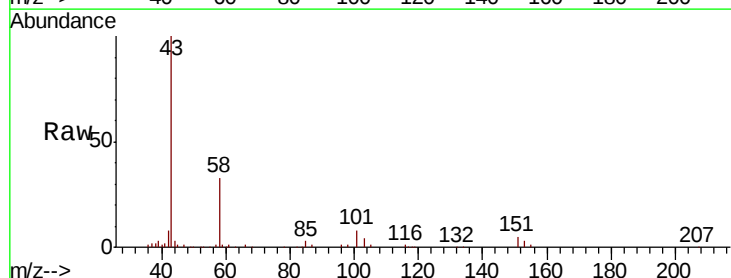
Acq: 28 Feb 2020 18:39

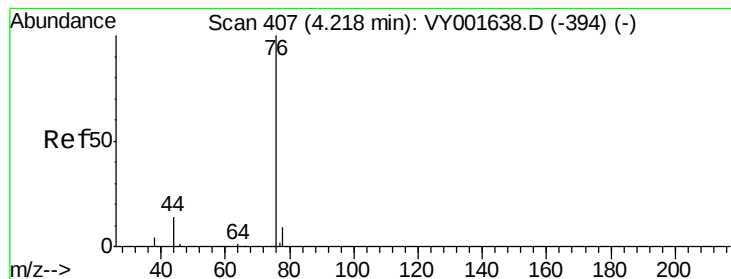
Tgt Ion: 43 Resp: 119045

Ion Ratio Lower Upper

43 100

58 32.8 27.3 40.9





#17

Carbon Disulfide

Concen: 47.470 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

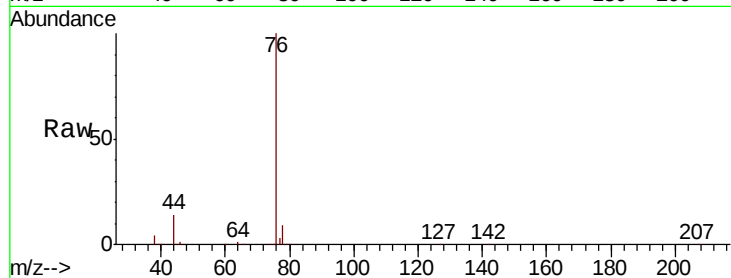
VSTDCCC050EC

Tot Ion: 76 Resp: 263136

Ion Ratio Lower Upper

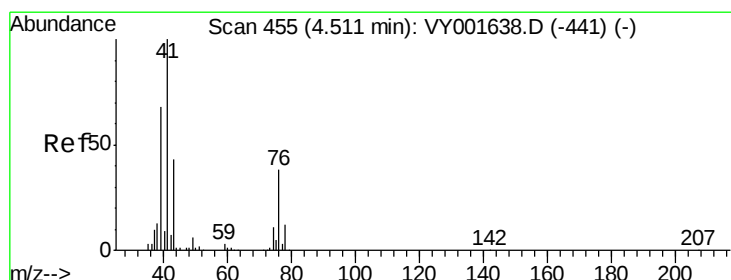
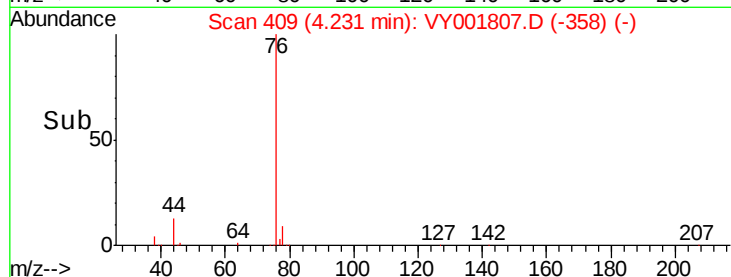
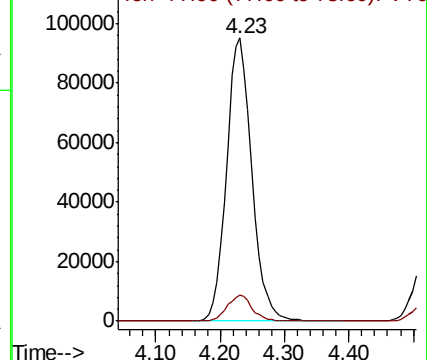
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 57.315 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001807.D

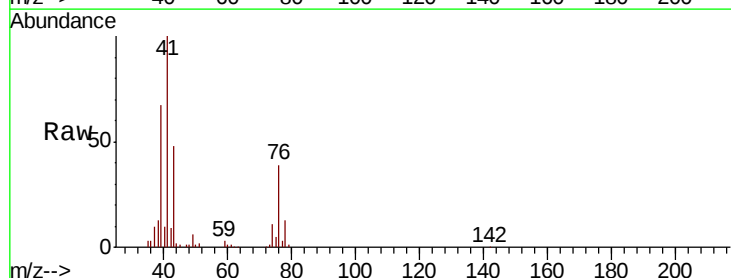
Acq: 28 Feb 2020 18:39

Tgt Ion: 43 Resp: 71089

Ion Ratio Lower Upper

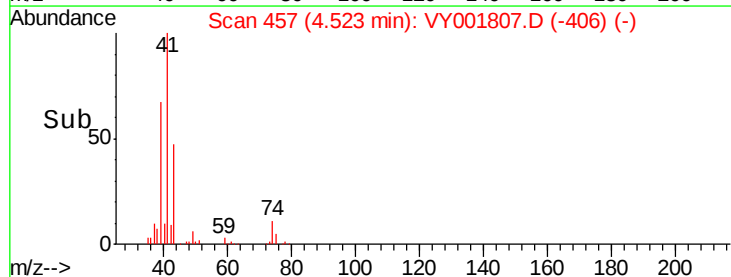
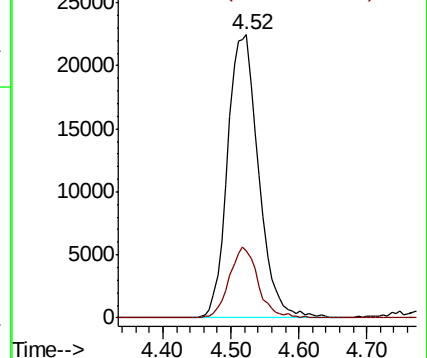
43 100

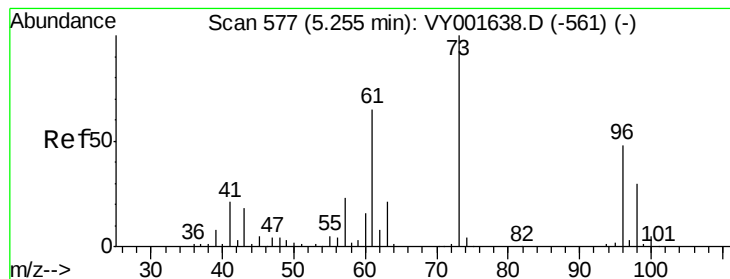
74 23.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



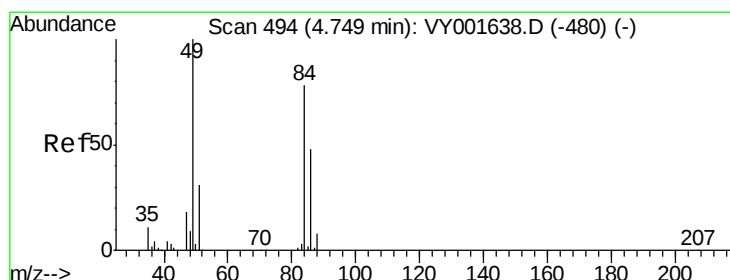
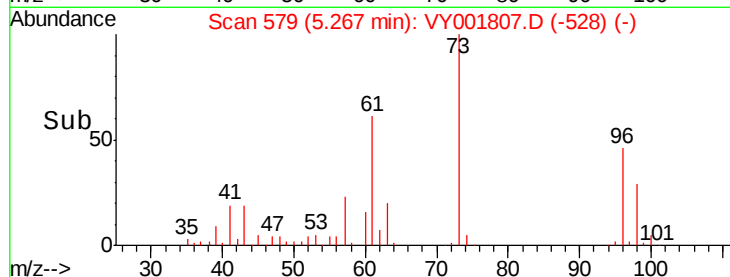
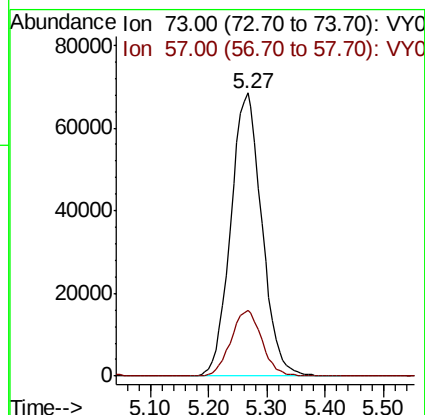
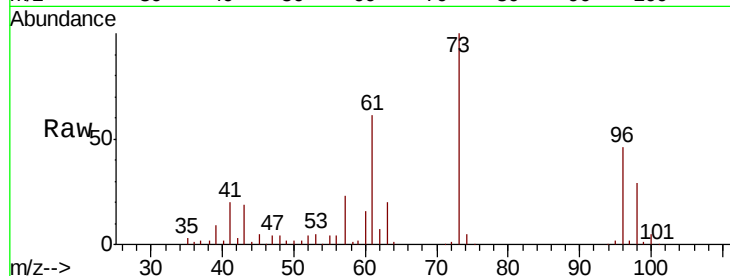


#19

Methyl tert-butyl Ether
 Concen: 54.955 ug/l
 RT: 5.27 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

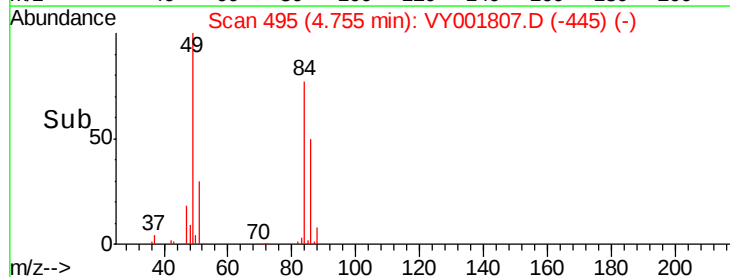
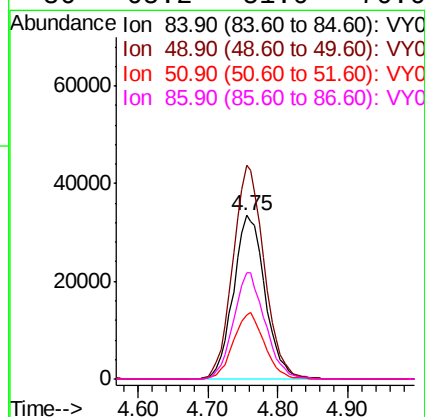
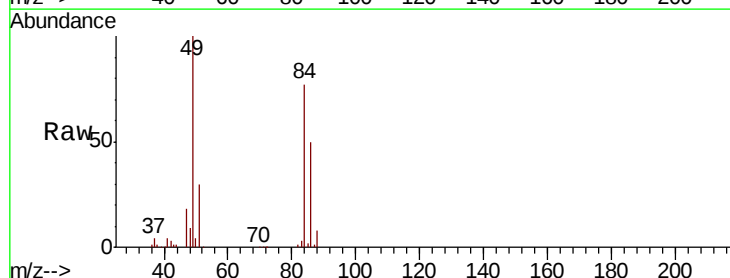
Tot Ion: 73 Resp: 254045
 Ion Ratio Lower Upper
 73 100
 57 23.4 19.0 28.6

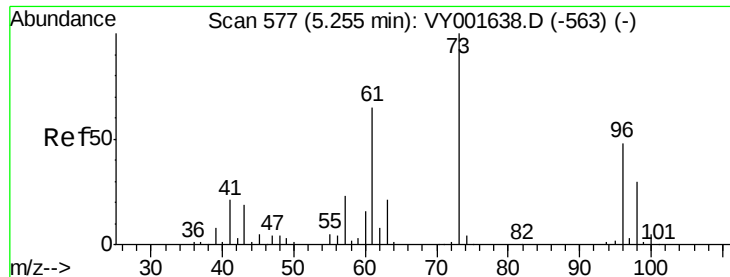


#20

Methylene Chloride
 Concen: 51.946 ug/l
 RT: 4.75 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 84 Resp: 105087
 Ion Ratio Lower Upper
 84 100
 49 130.5 99.2 148.8
 51 39.2 31.5 47.3
 86 65.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.646 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

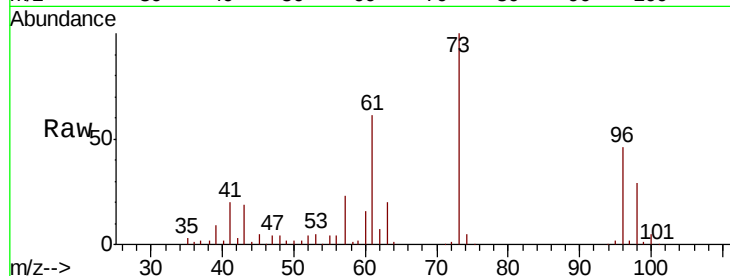
Tot Ion: 96 Resp: 97835

Ion Ratio Lower Upper

96 100

61 132.4 107.9 161.9

98 63.9 49.8 74.8

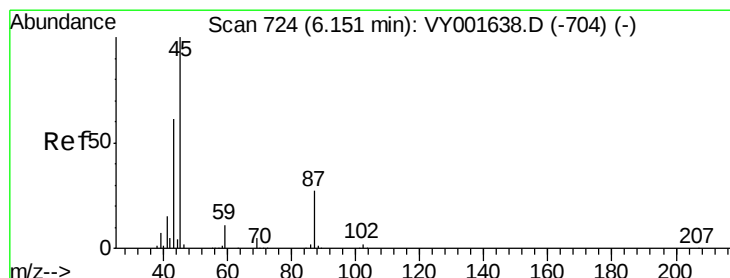
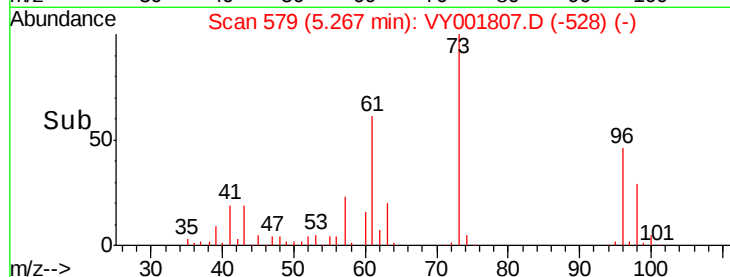
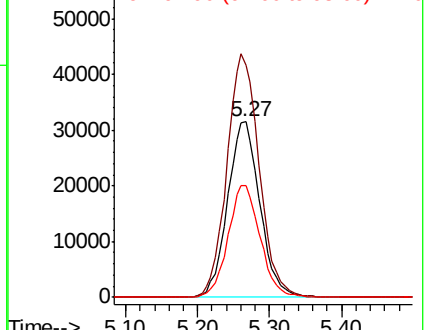


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 55.870 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Tgt Ion: 45 Resp: 339039

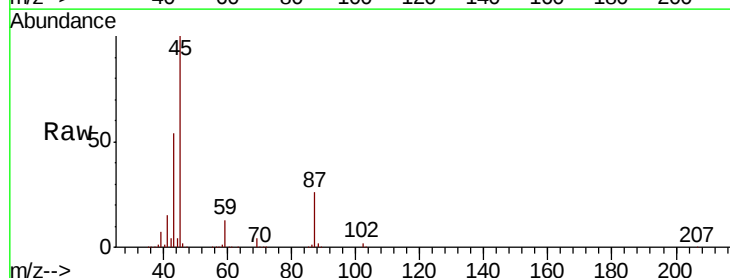
Ion Ratio Lower Upper

45 100

43 54.1 46.4 69.6

87 25.7 22.1 33.1

59 12.8 9.4 14.0



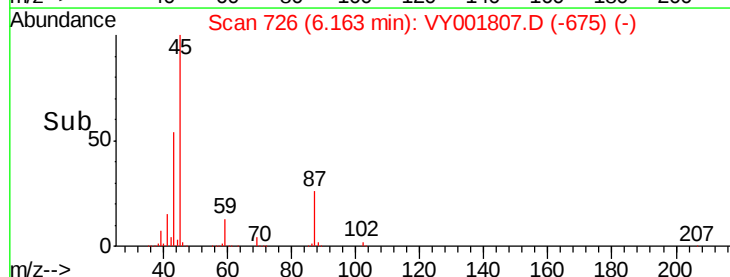
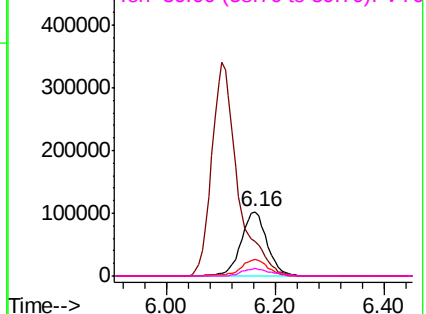
Abundance

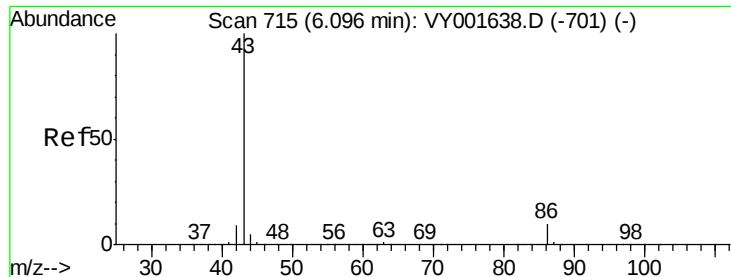
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 283.705 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

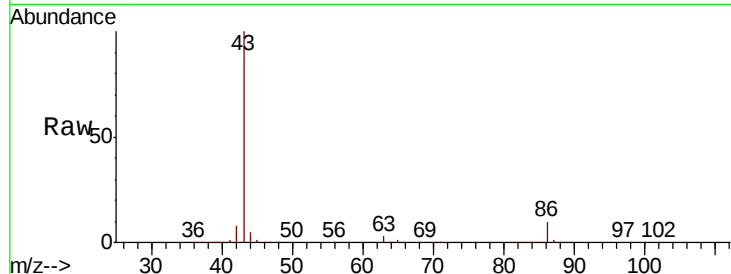
VSTDCCC050EC

Tot Ion: 43 Resp: 1123002

Ion Ratio Lower Upper

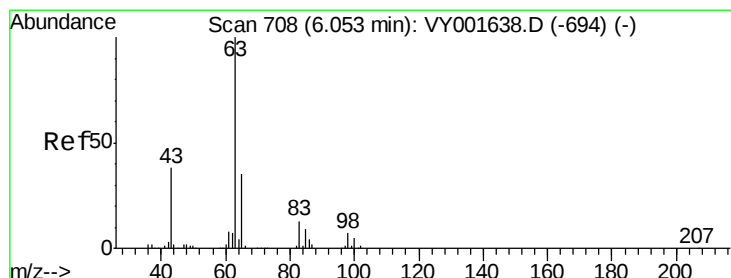
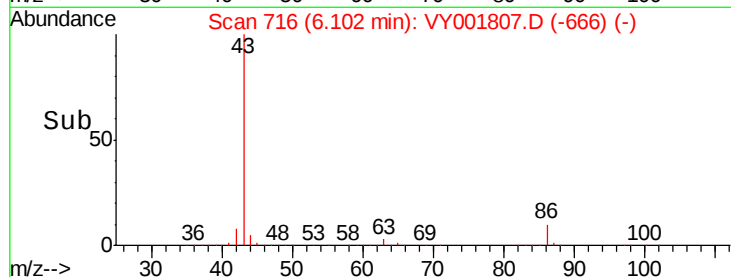
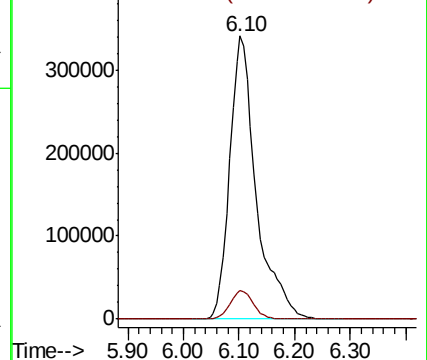
43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.497 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

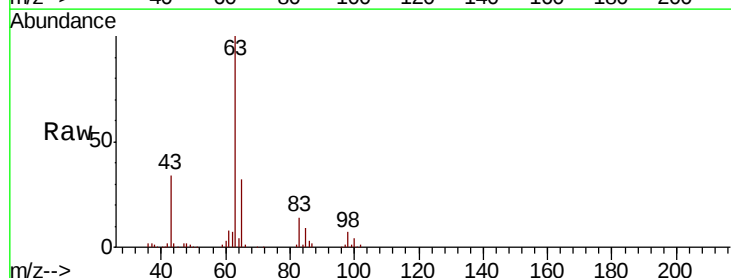
Tgt Ion: 63 Resp: 176754

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

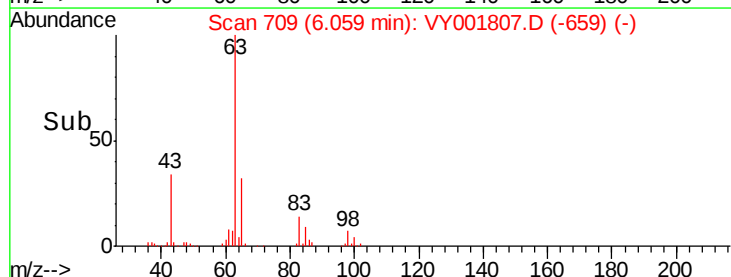
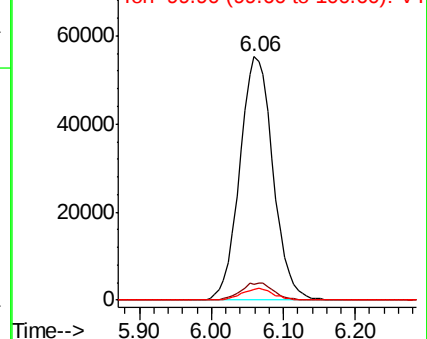
100 4.2 2.3 6.9

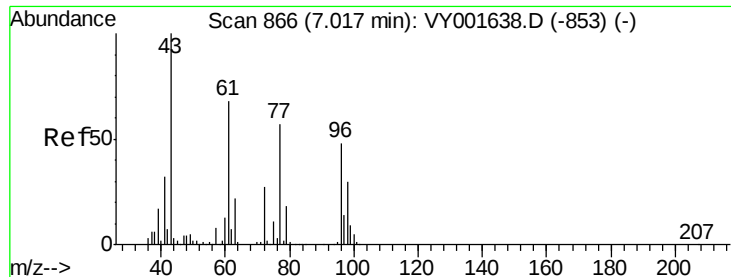


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

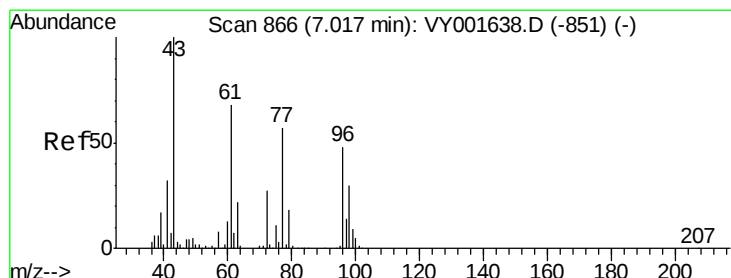
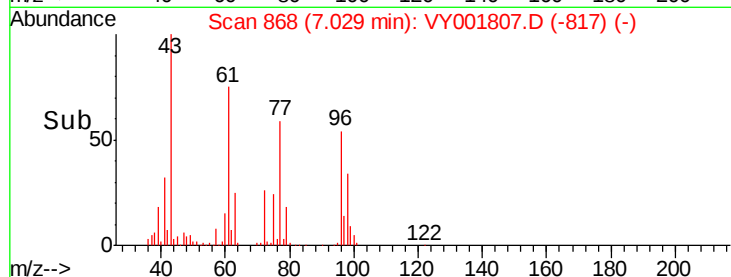
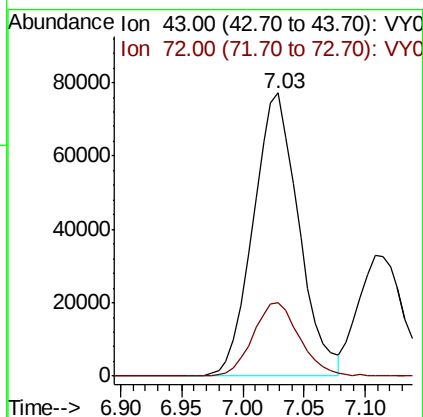
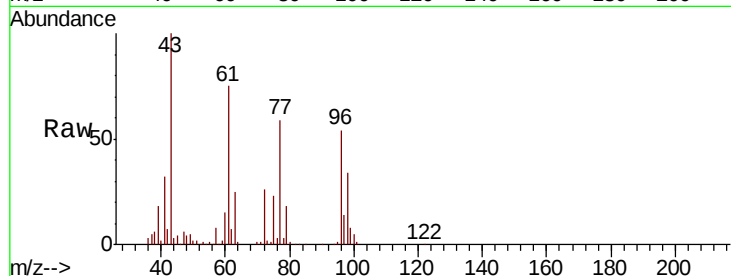




#25
2-Butanone
Concen: 259.188 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

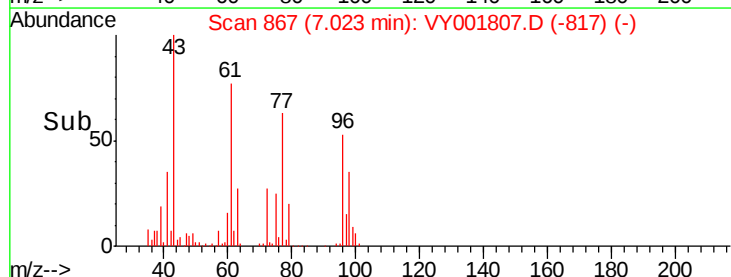
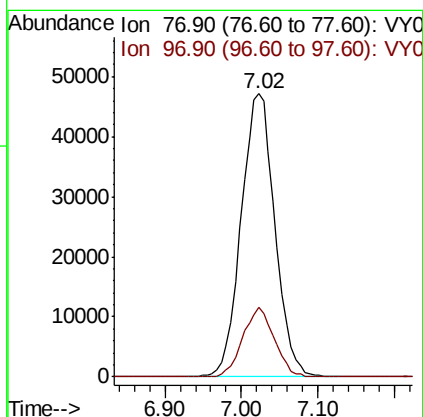
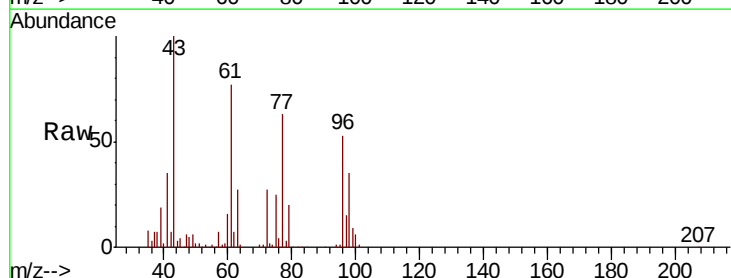
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 200533
Ion Ratio Lower Upper
43 100
72 26.0 21.2 31.8



#26
2,2-Dichloropropane
Concen: 51.015 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 77 Resp: 143955
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4



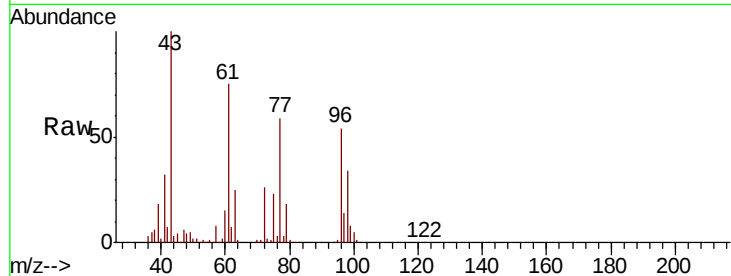


#27

cis-1,2-Dichloroethene
Concen: 53.711 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	290.8
98	64.3	0.0	128.6

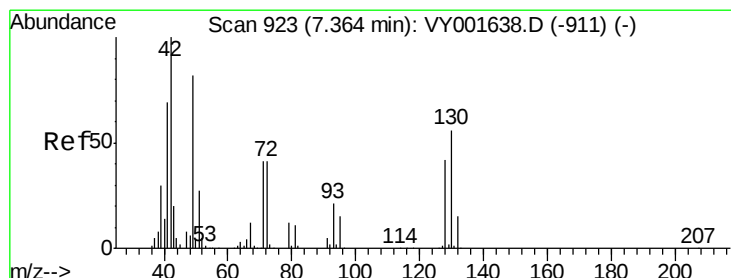
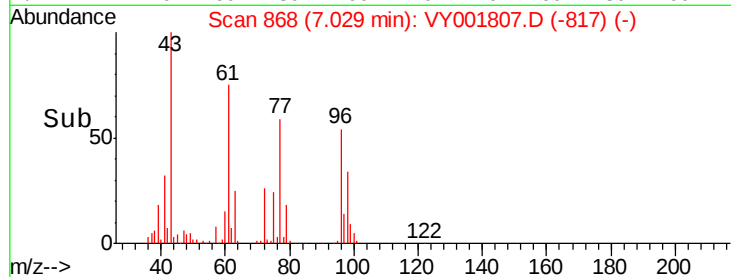
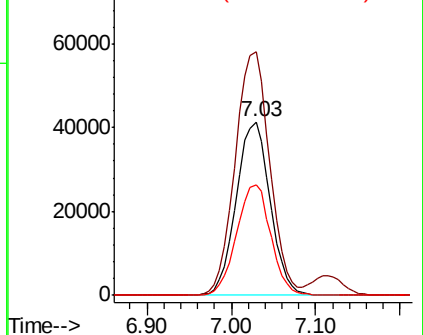


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

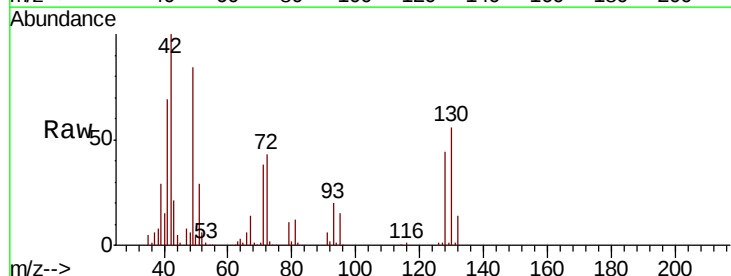
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 59.289 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	67.4	56.2	84.4

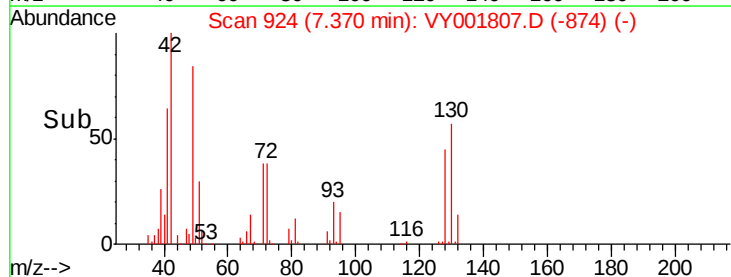
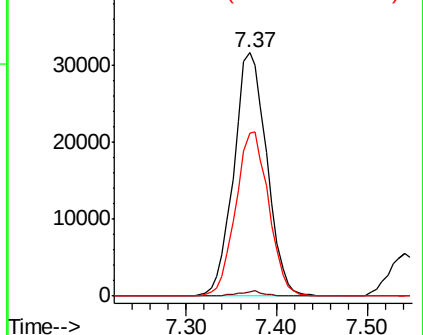


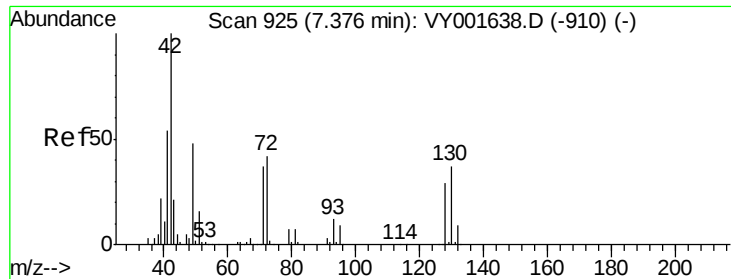
Abundance

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

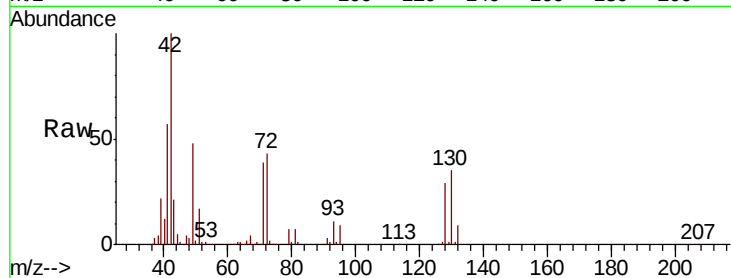




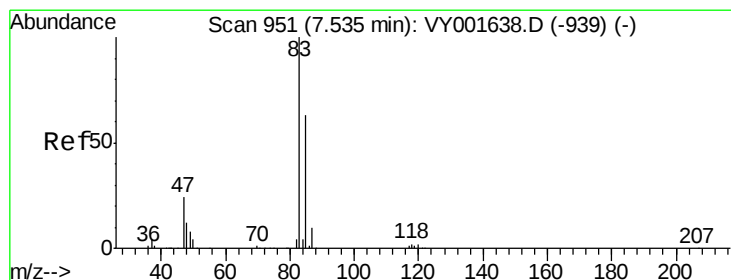
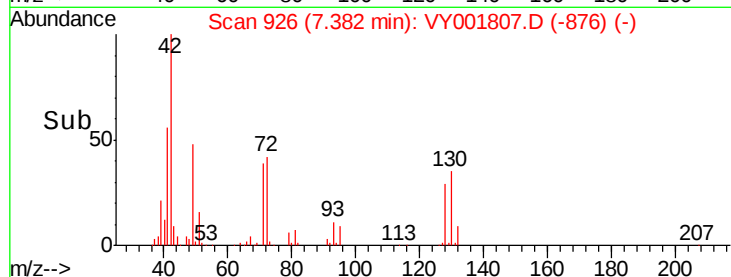
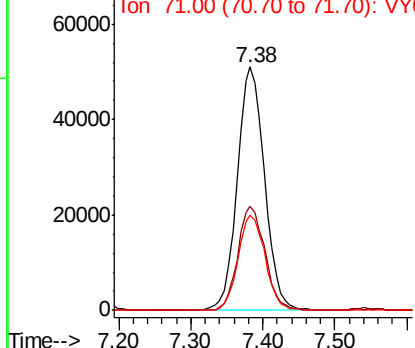
#29
Tetrahydrofuran
Concen: 286.811 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 134124
Ion Ratio Lower Upper
42 100
72 42.5 34.4 51.6
71 38.7 31.8 47.8

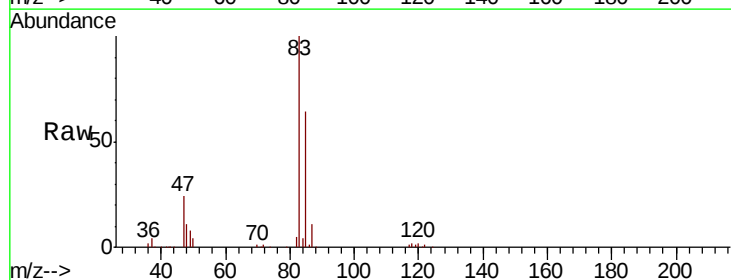


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

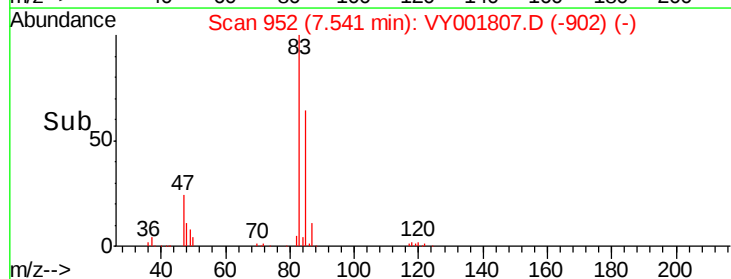
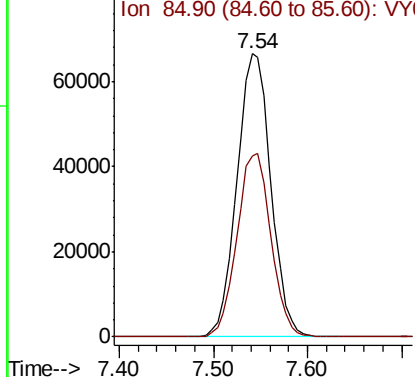


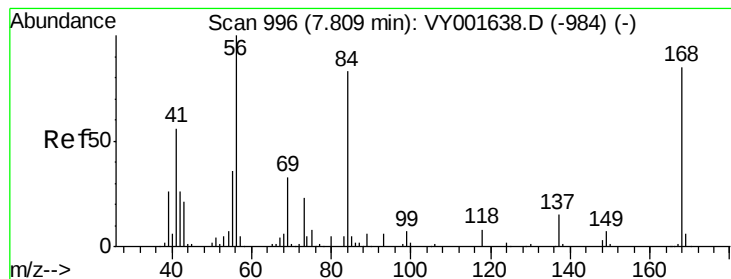
#30
Chloroform
Concen: 52.736 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 83 Resp: 167127
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4



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





#31

Cyclohexane

Concen: 48.883 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

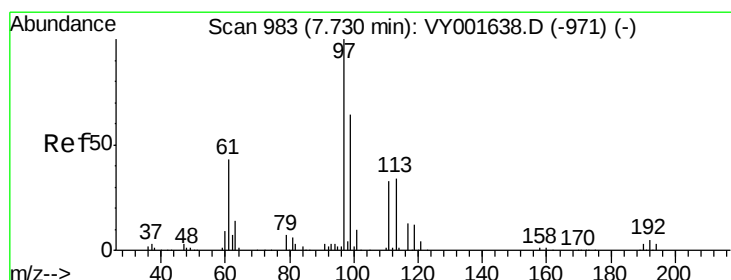
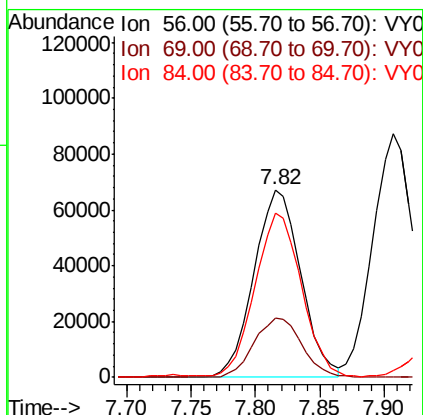
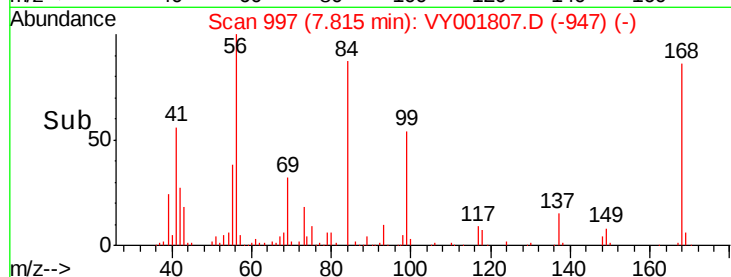
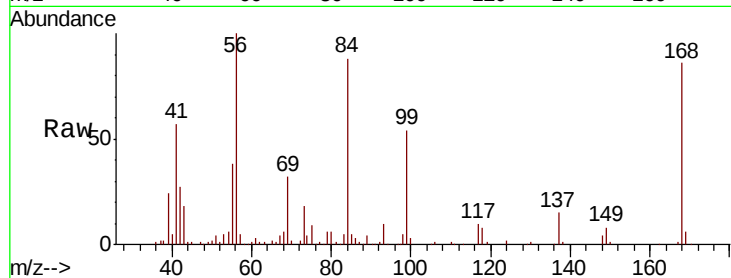
Tot Ion: 56 Resp: 169042

Ion Ratio Lower Upper

56 100

69 31.6 25.1 37.7

84 87.0 66.9 100.3



#32

1,1,1-Trichloroethane

Concen: 52.579 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

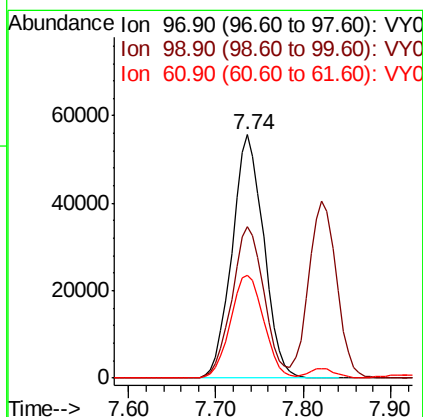
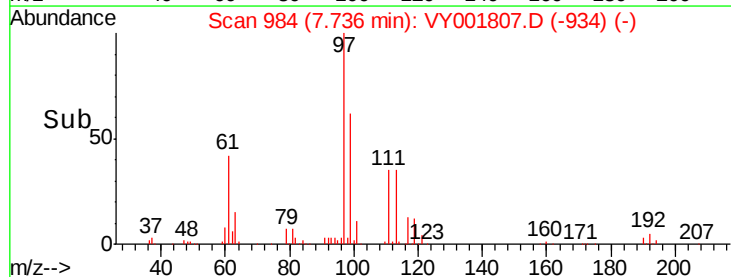
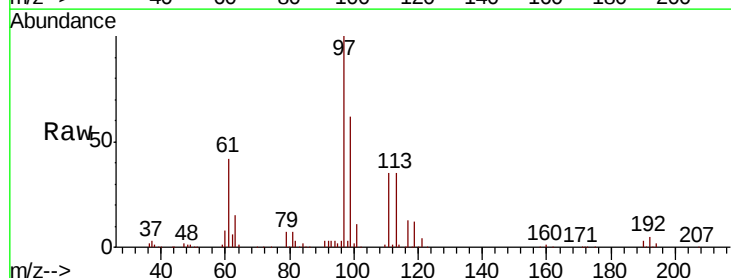
Tgt Ion: 97 Resp: 140048

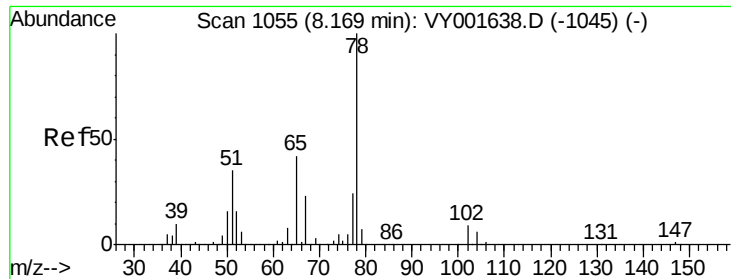
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

61 44.4 35.0 52.6

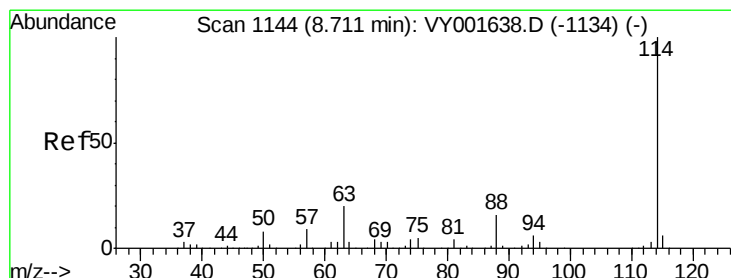
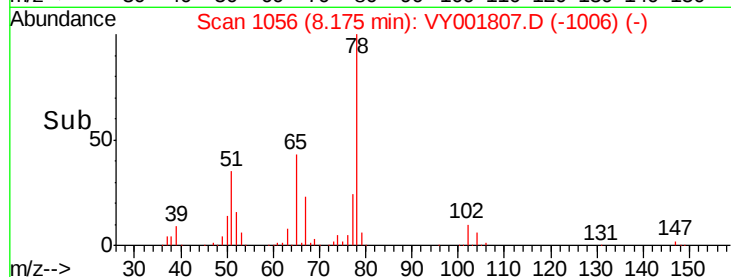
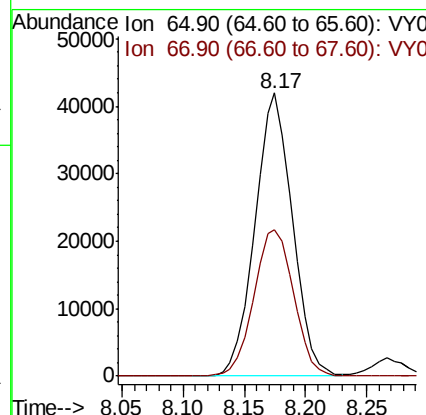
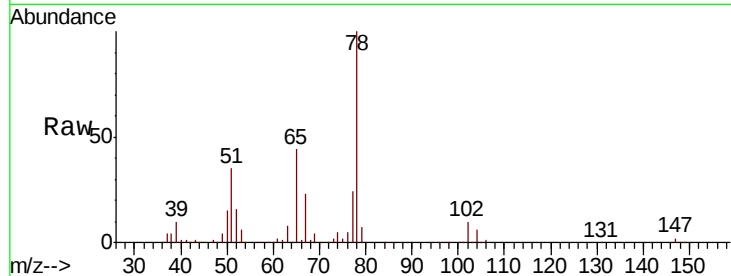




#33
 1,2-Dichloroethane-d4
 Concen: 54.329 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

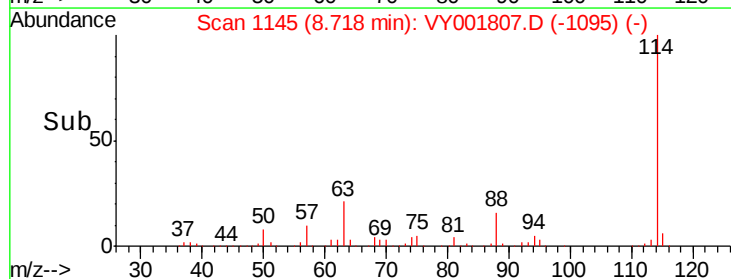
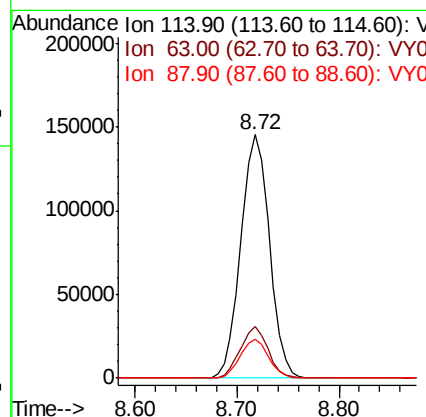
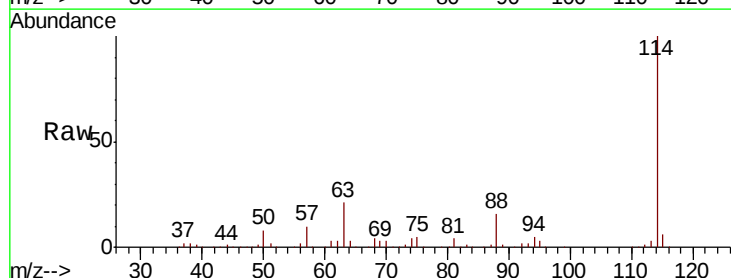
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

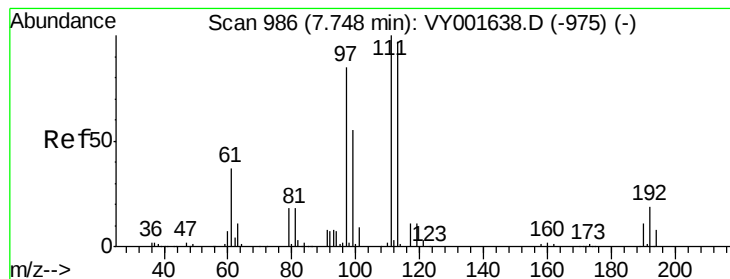
Tot Ion: 65 Resp: 89426
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 114 Resp: 282717
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

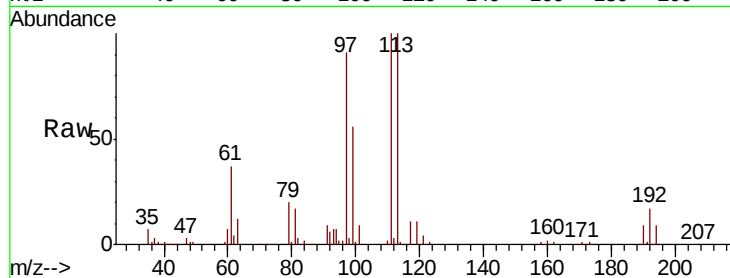
Tot Ion:113 Resp: 82801

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

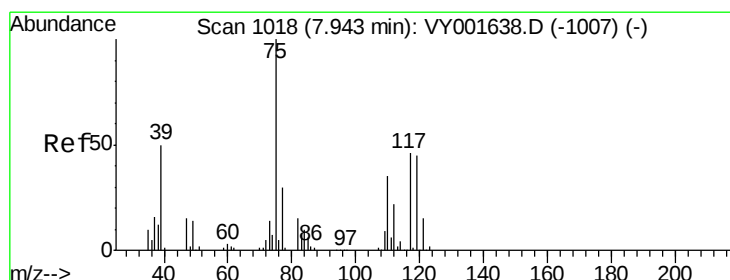
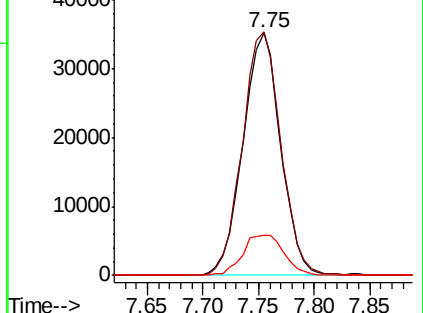
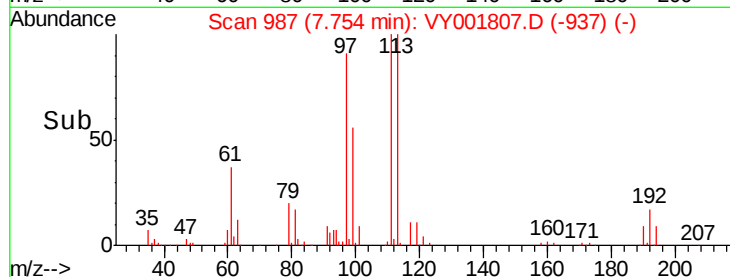
192 18.2 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.264 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

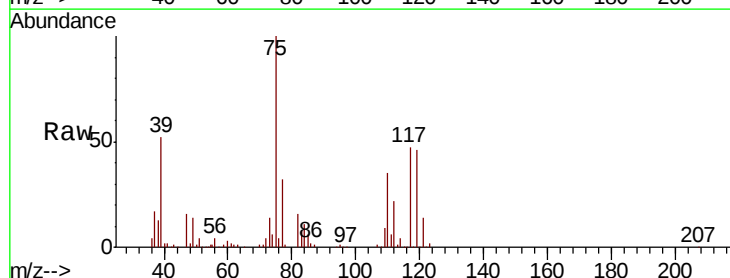
Tgt Ion: 75 Resp: 135738

Ion Ratio Lower Upper

75 100

110 35.2 17.2 51.6

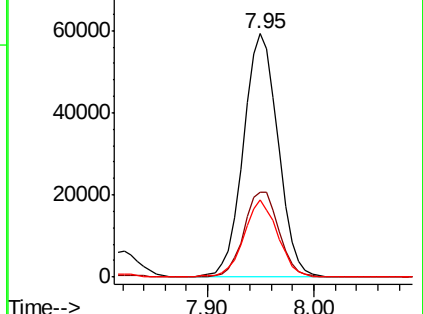
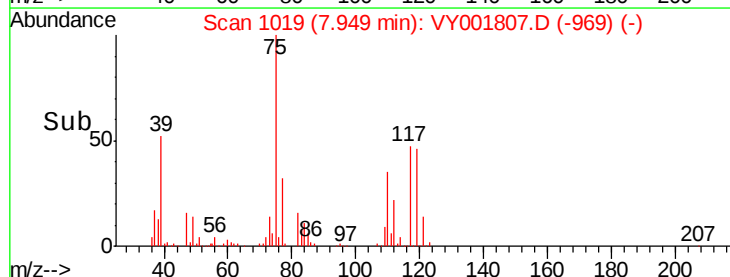
77 30.9 24.8 37.2

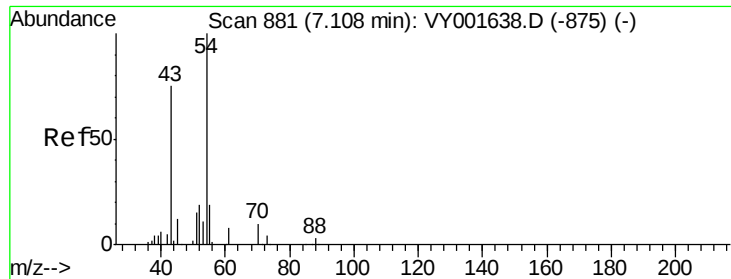


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

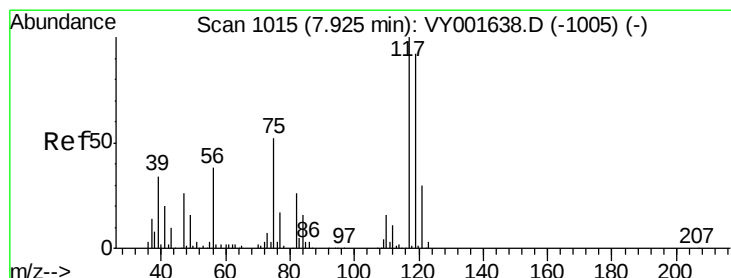
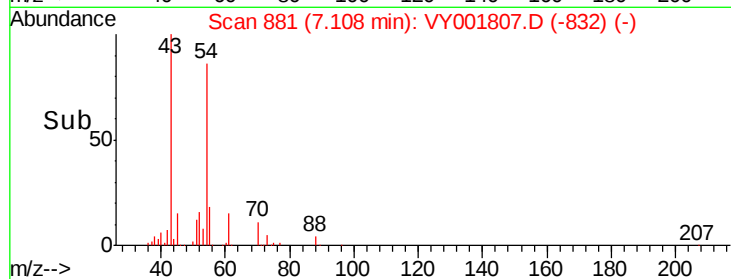
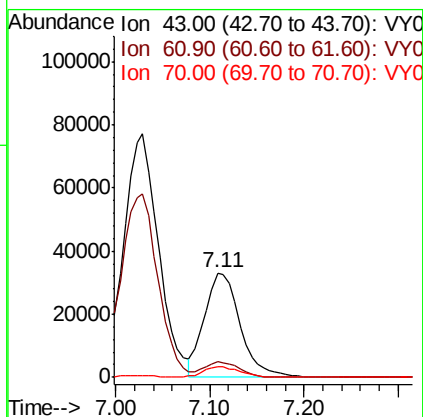
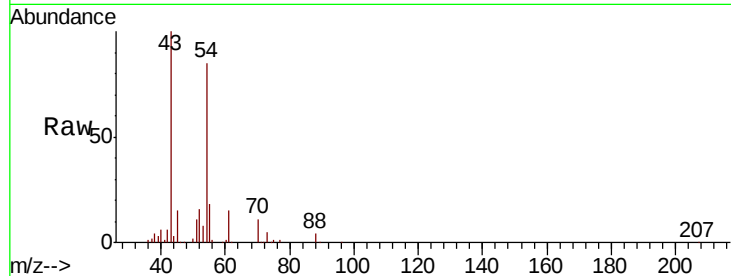




#37
Ethyl Acetate
Concen: 54.097 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

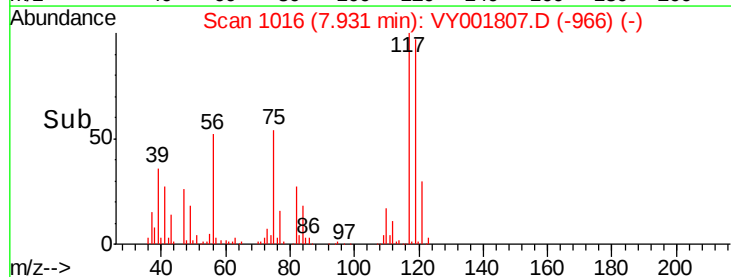
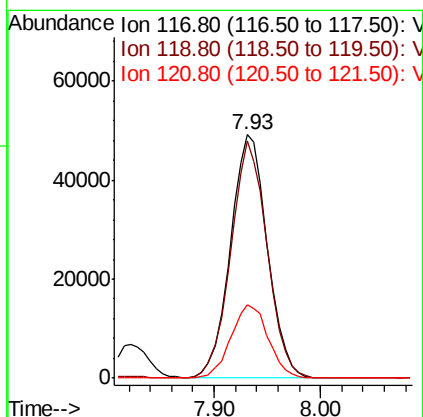
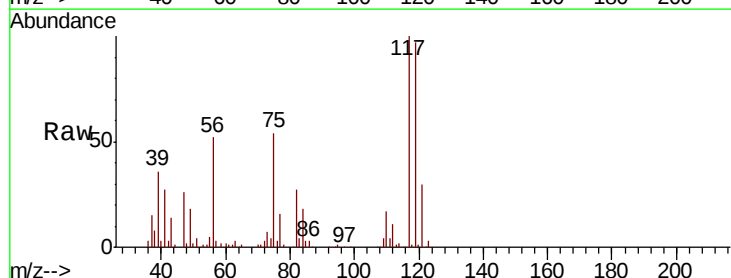
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

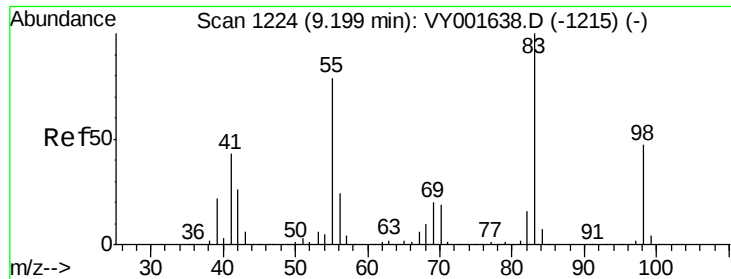
Tot Ion: 43 Resp: 87194
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.436 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 117 Resp: 119634
Ion Ratio Lower Upper
117 100
119 97.2 74.8 112.2
121 30.2 23.8 35.6

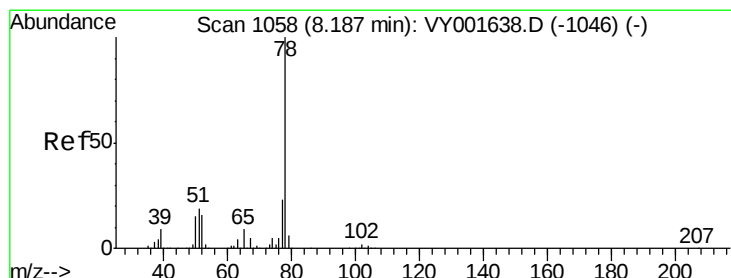
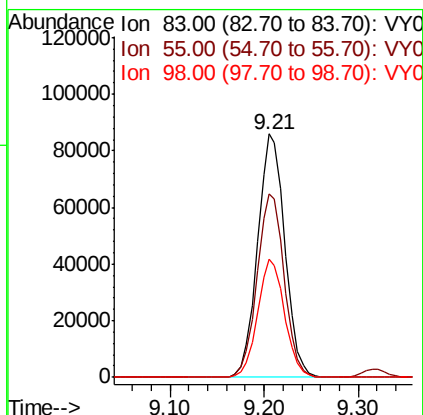
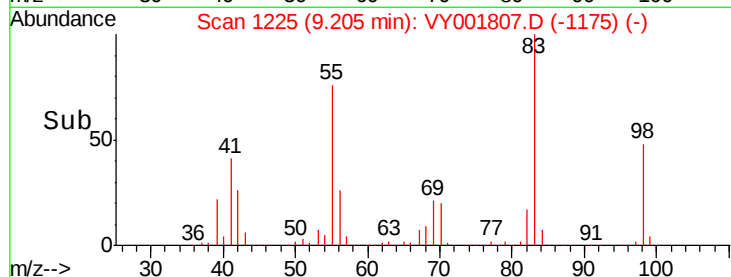
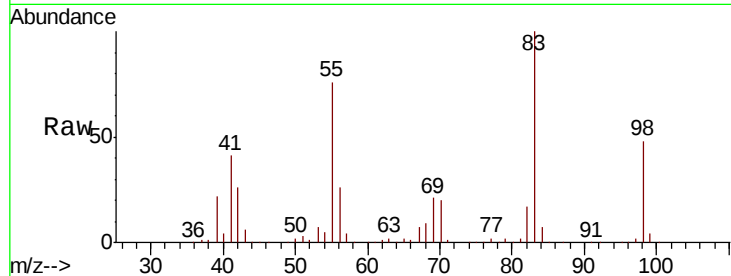




#39
Methylcyclohexane
Concen: 48.888 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

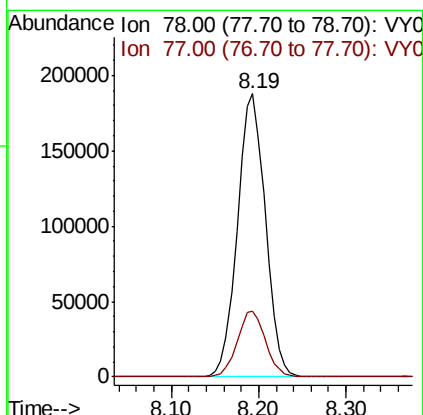
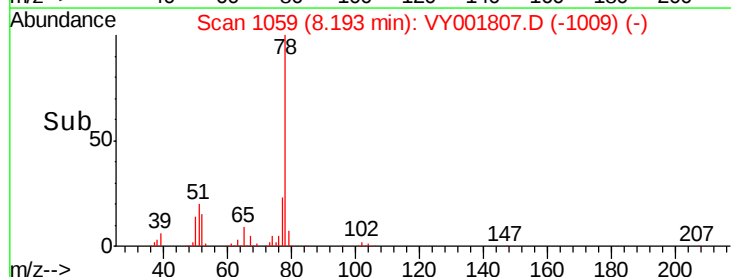
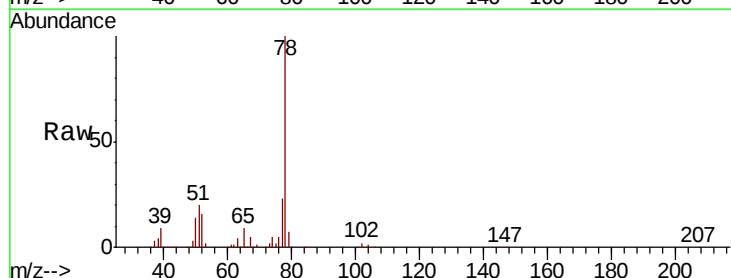
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

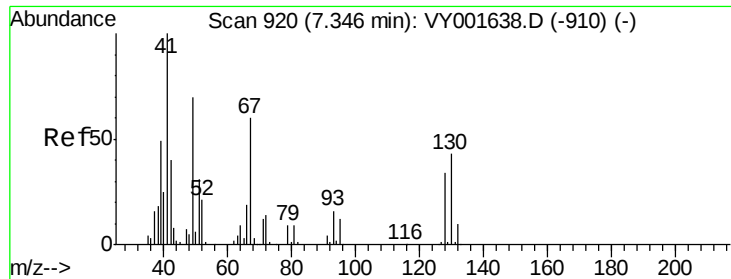
Tot Ion: 83 Resp: 175149
Ion Ratio Lower Upper
83 100
55 75.6 61.3 91.9
98 48.5 38.0 57.0



#40
Benzene
Concen: 52.452 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 78 Resp: 416590
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

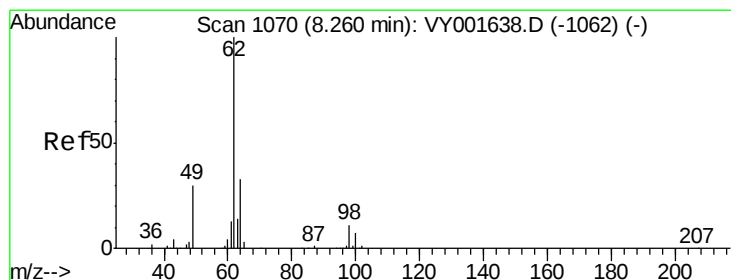
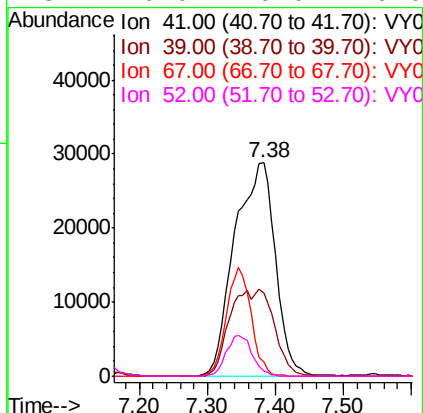
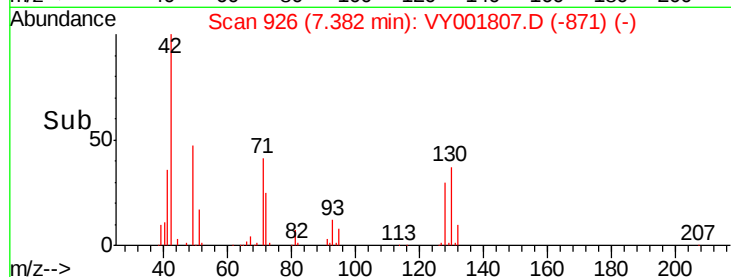
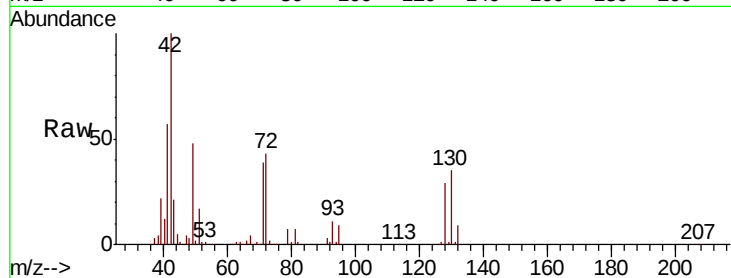




#41
Methacrylonitrile
Concen: 148.160 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

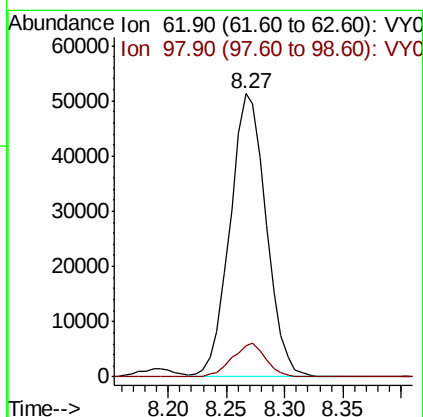
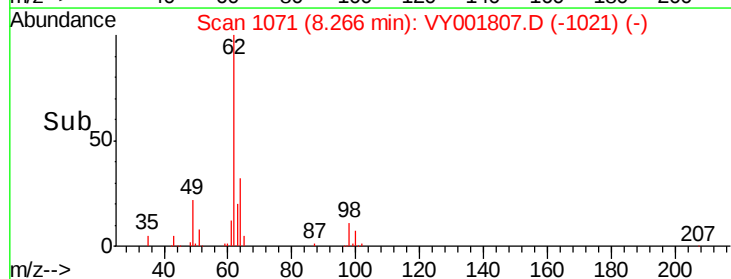
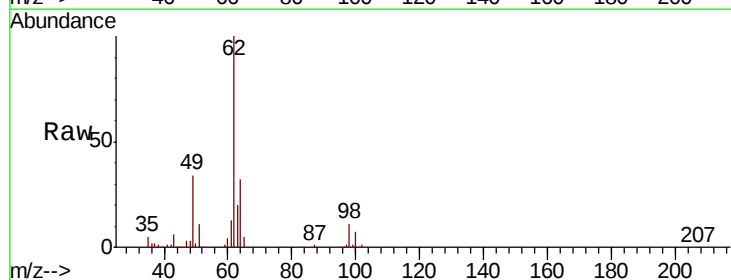
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

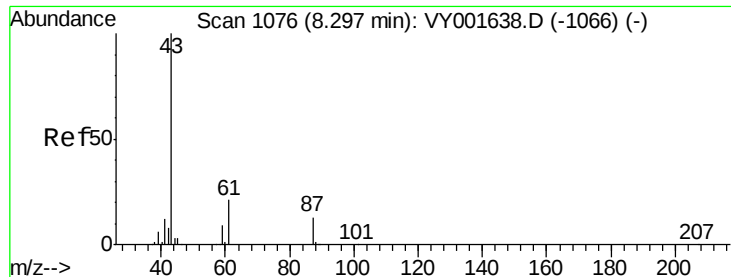
Tot Ion: 41 Resp: 119905
Ion Ratio Lower Upper
41 100
39 0.0 36.0 54.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.331 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 62 Resp: 111067
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.8





#43

Isopropyl Acetate

Concen: 55.324 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

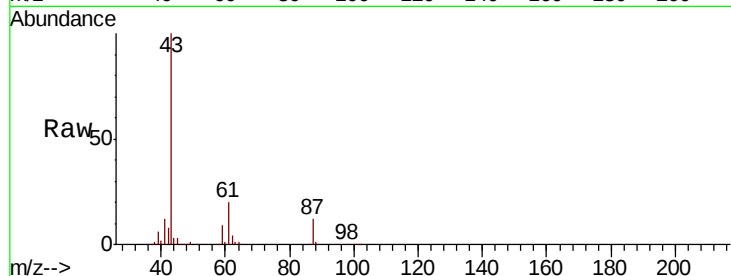
Tot Ion: 43 Resp: 169189

Ion Ratio Lower Upper

43 100

61 28.0 23.0 34.4

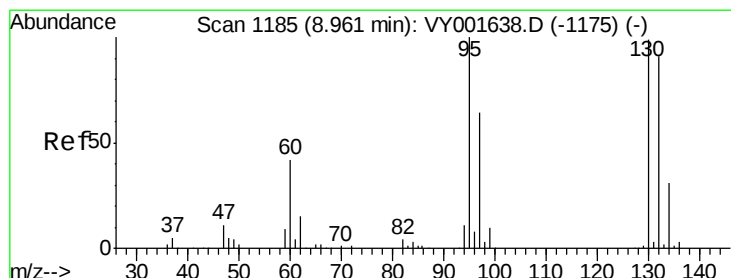
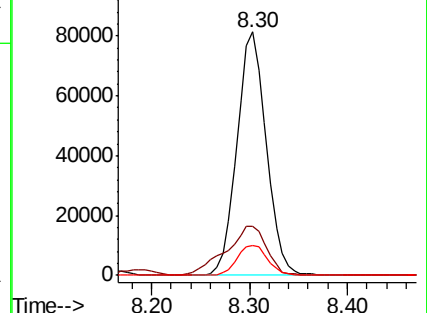
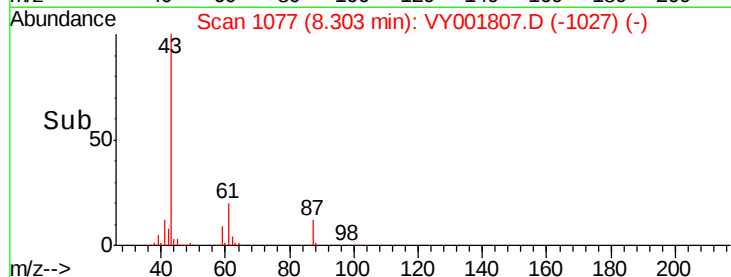
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001807.D (-1077) (-)

Ion 61.00 (60.70 to 61.70): VY001807.D (-1077) (-)

Ion 87.00 (86.70 to 87.70): VY001807.D (-1077) (-)



#44

Trichloroethene

Concen: 50.617 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001807.D

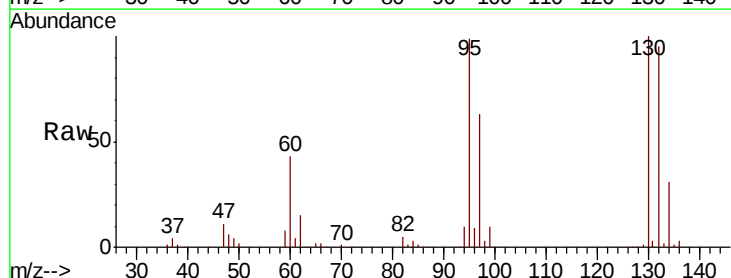
Acq: 28 Feb 2020 18:39

Tgt Ion: 130 Resp: 100356

Ion Ratio Lower Upper

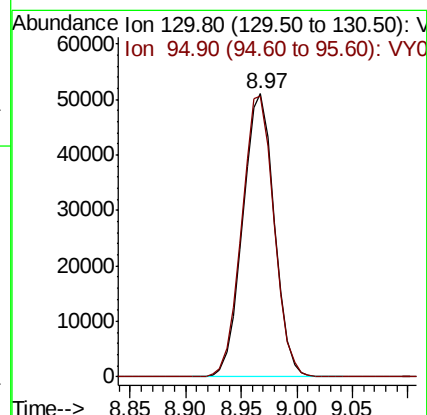
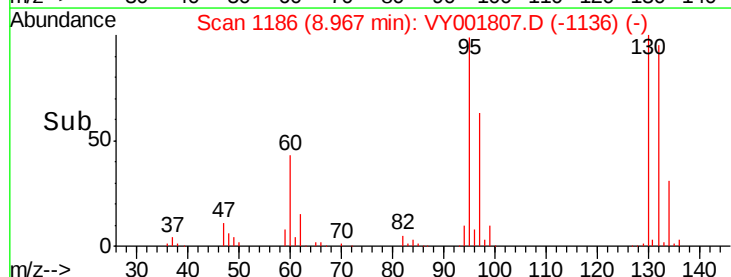
130 100

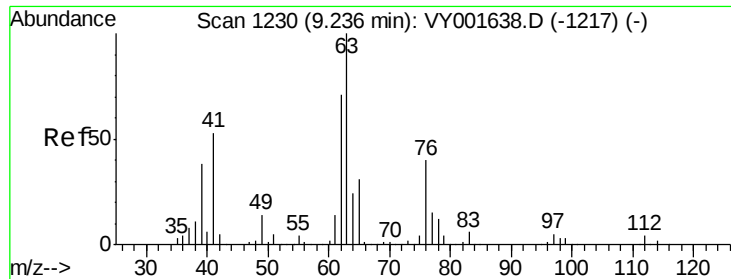
95 99.1 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001807.D (-1186) (-)

Ion 94.90 (94.60 to 95.60): VY001807.D (-1186) (-)

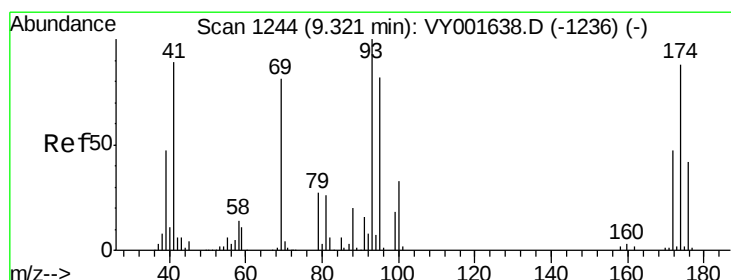
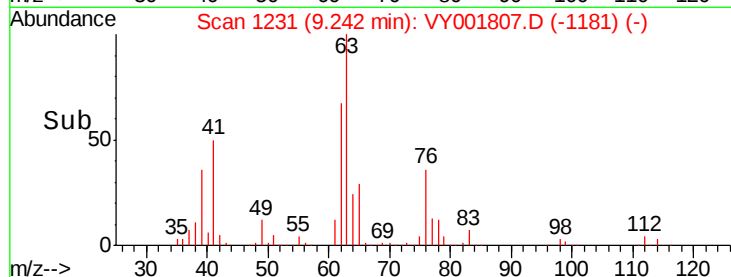
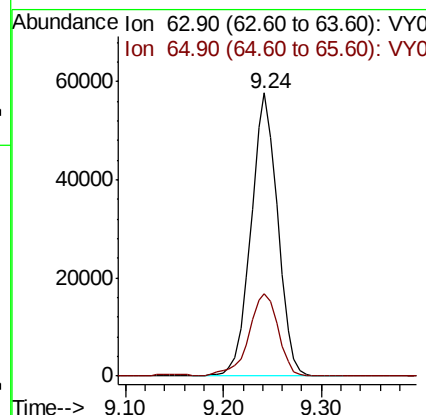
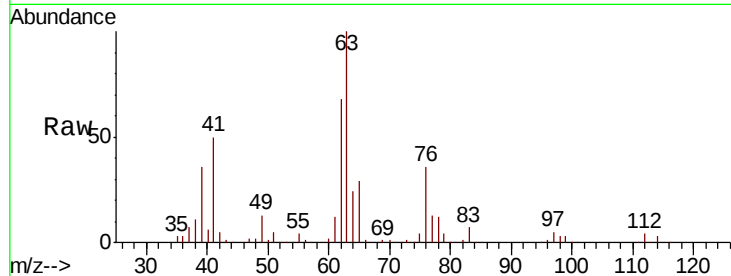




#45
 1,2-Dichloropropane
 Concen: 54.798 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

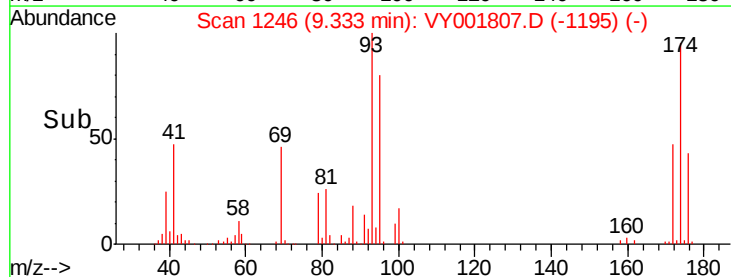
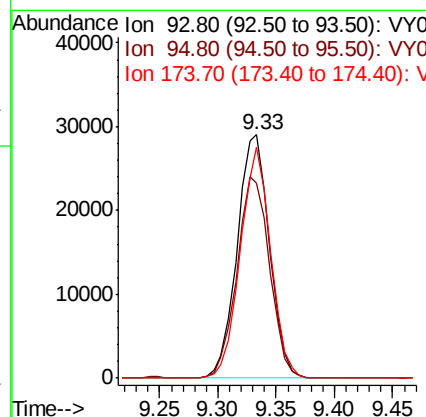
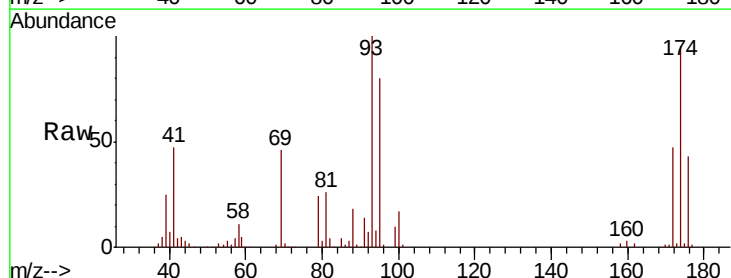
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

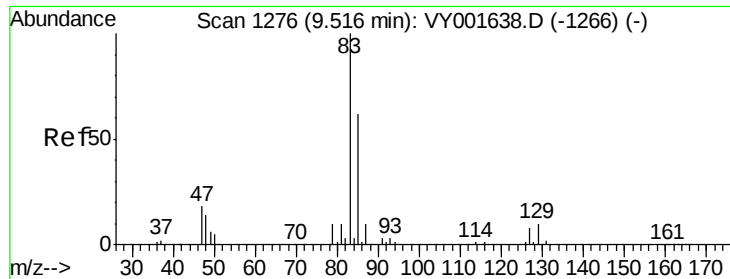
Tot Ion: 63 Resp: 108997
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.6 37.0



#46
 Dibromomethane
 Concen: 53.981 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 93 Resp: 56160
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.1 99.1
 174 89.1 72.5 108.7





#47

Bromodichloromethane

Concen: 52.985 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

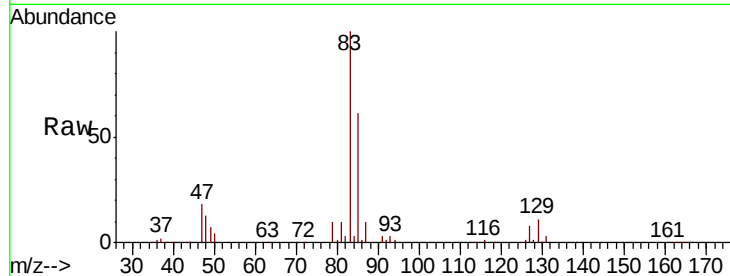
Tot Ion: 83 Resp: 133040

Ion Ratio Lower Upper

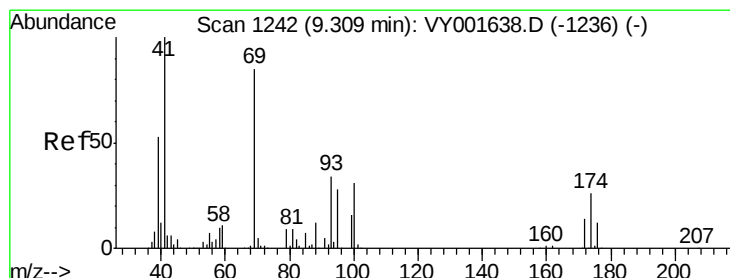
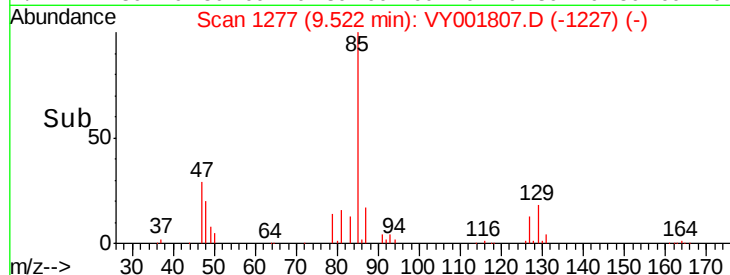
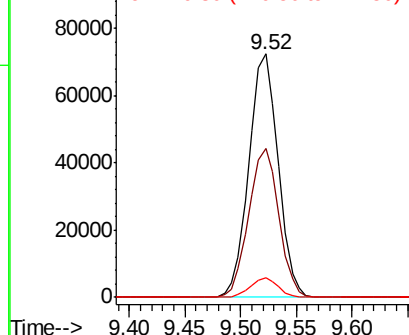
83 100

85 61.1 51.4 77.0

127 8.1 6.4 9.6



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



#48

Methyl methacrylate

Concen: 54.272 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

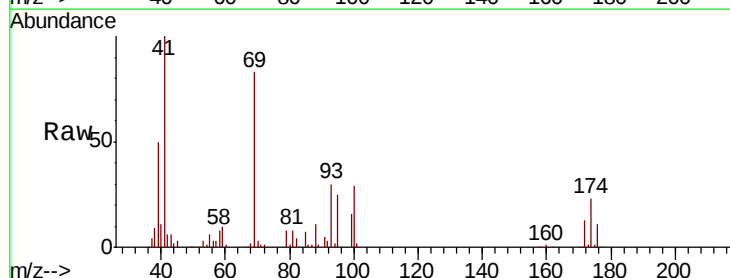
Tgt Ion: 41 Resp: 75063

Ion Ratio Lower Upper

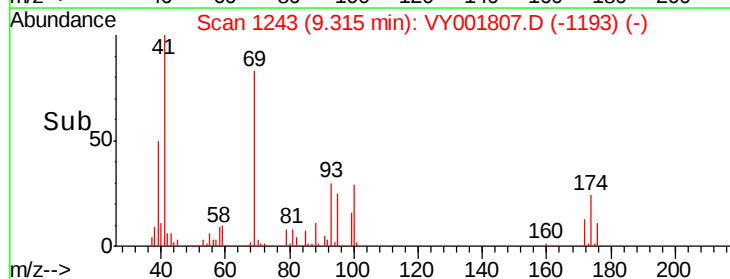
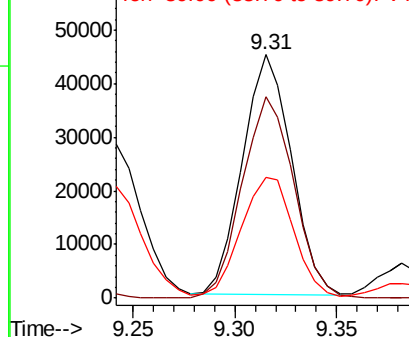
41 100

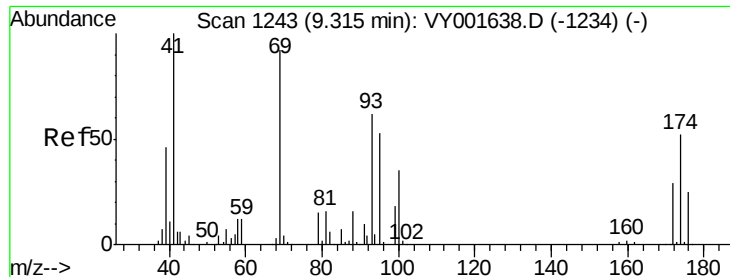
69 88.6 70.7 106.1

39 52.3 42.2 63.2



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: 1105.894 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

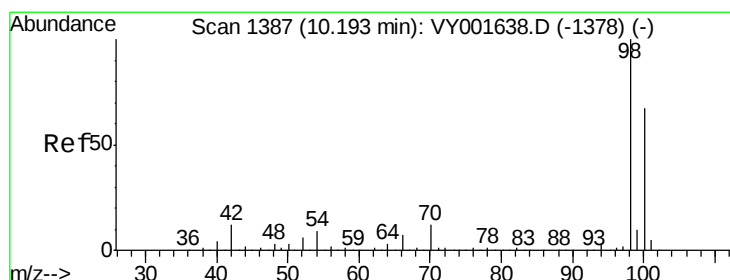
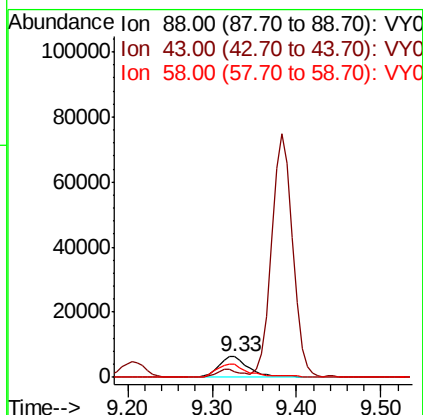
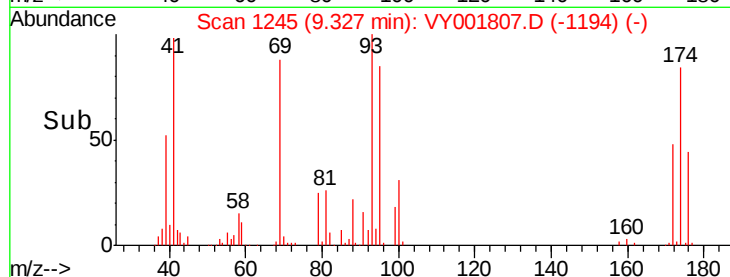
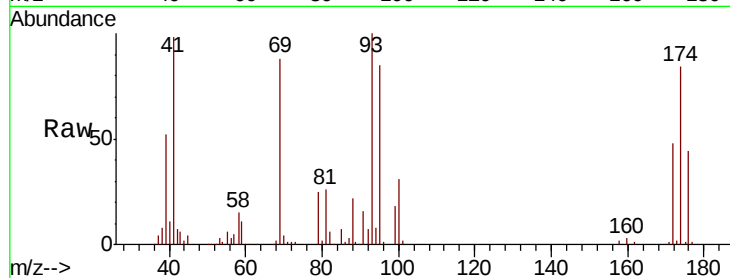
Tot Ion: 88 Resp: 16250

Ion Ratio Lower Upper

88 100

43 31.3 23.1 34.7

58 69.7 58.1 87.1



#50

Toluene-d8

Concen: 54.000 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001807.D

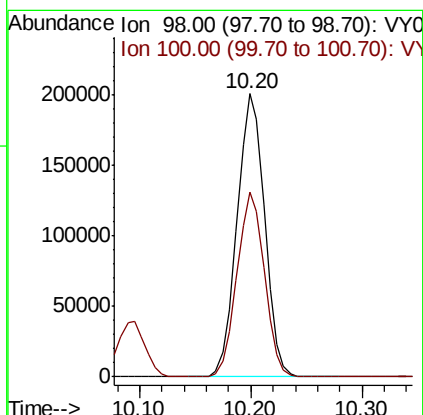
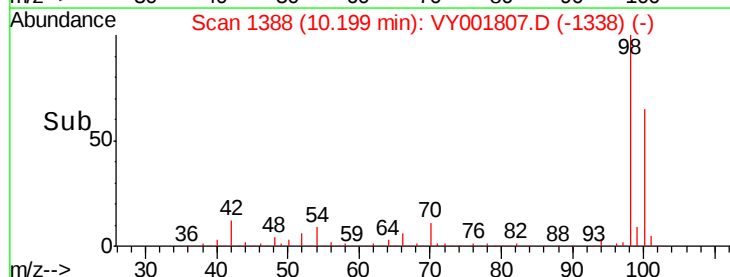
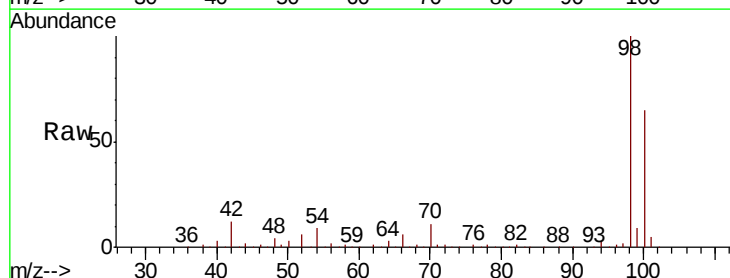
Acq: 28 Feb 2020 18:39

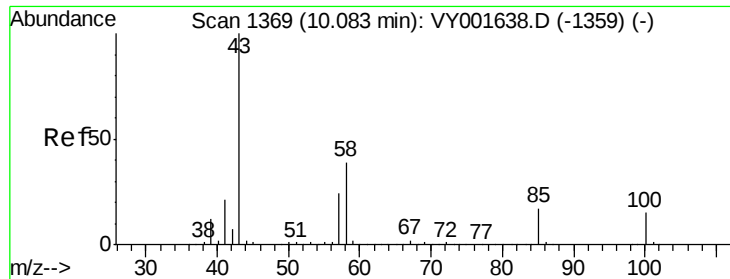
Tgt Ion: 98 Resp: 342566

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

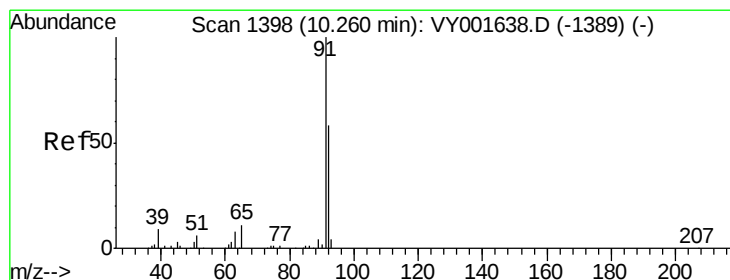
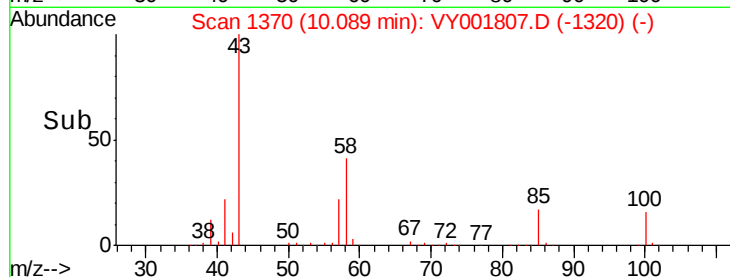
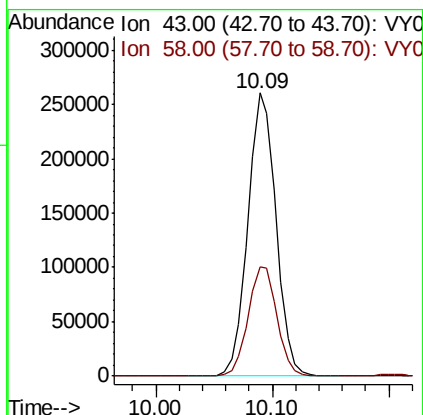
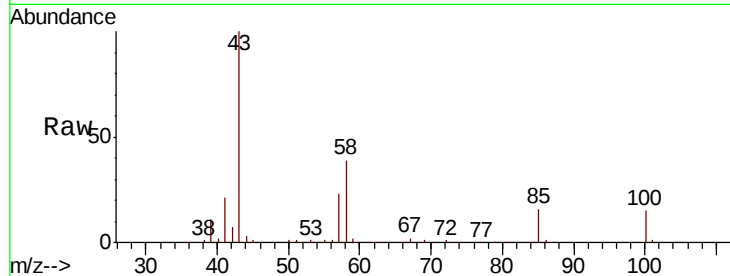




#51
4-Methyl-2-Pentanone
Concen: 279.259 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

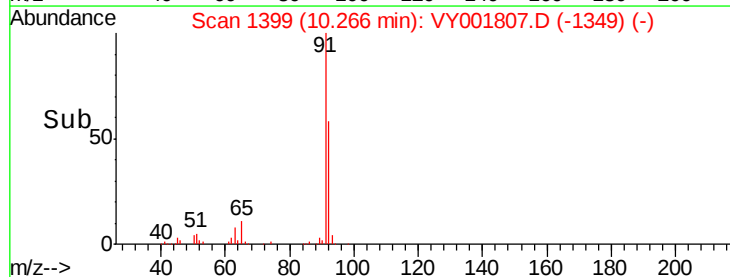
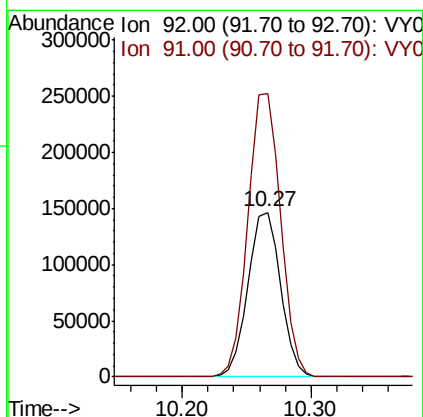
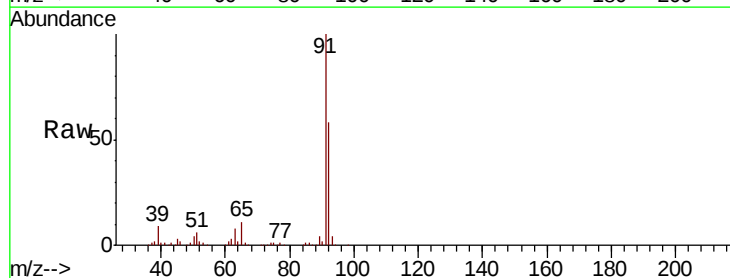
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

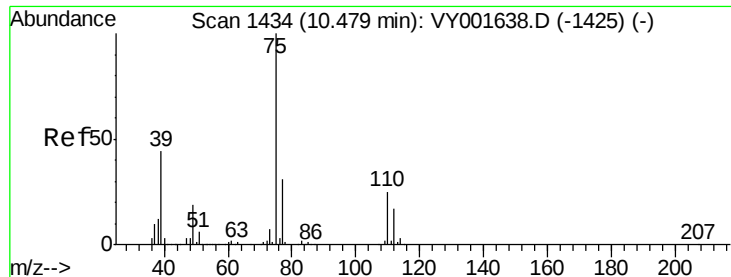
Tot Ion: 43 Resp: 438786
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.4



#52
Toluene
Concen: 51.487 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 92 Resp: 255077
Ion Ratio Lower Upper
92 100
91 173.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 52.437 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

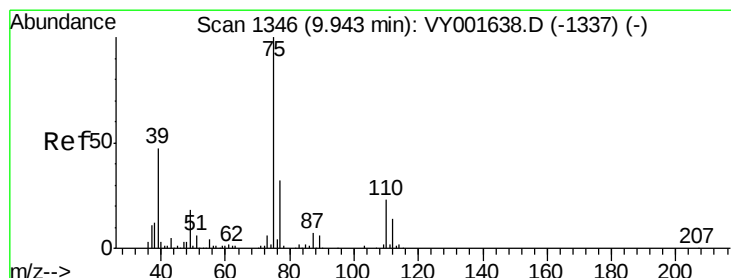
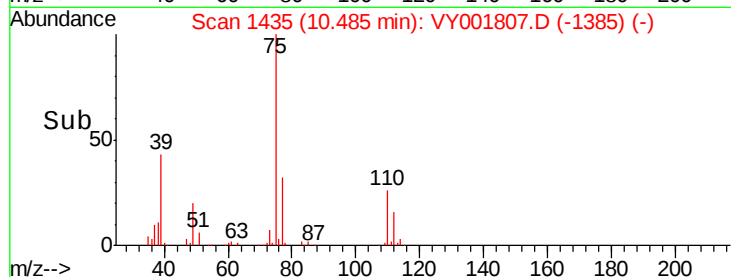
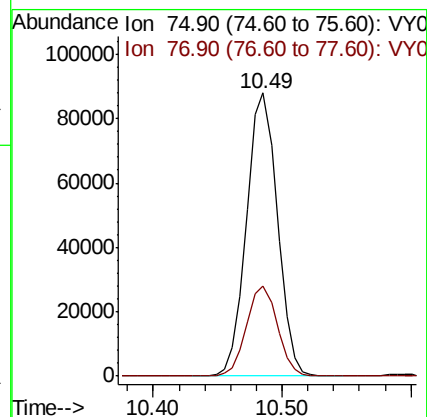
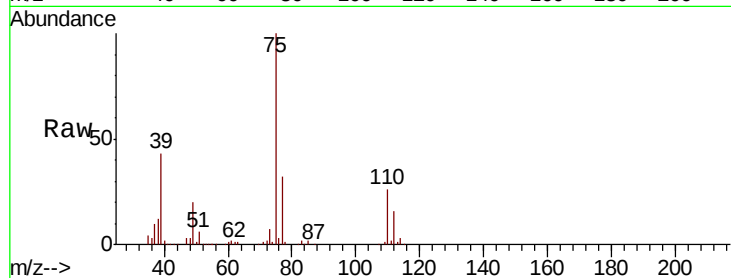
VSTDCCC050EC

Tot Ion: 75 Resp: 145553

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.500 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

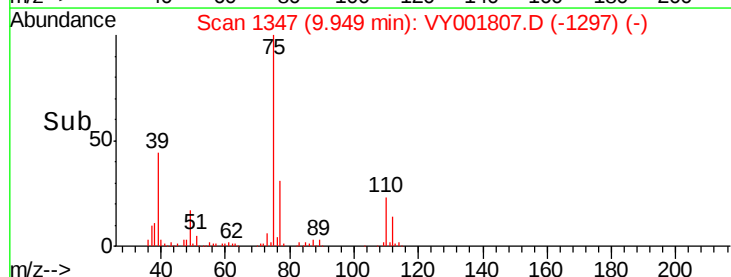
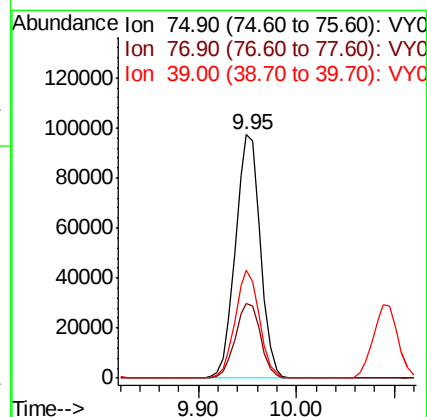
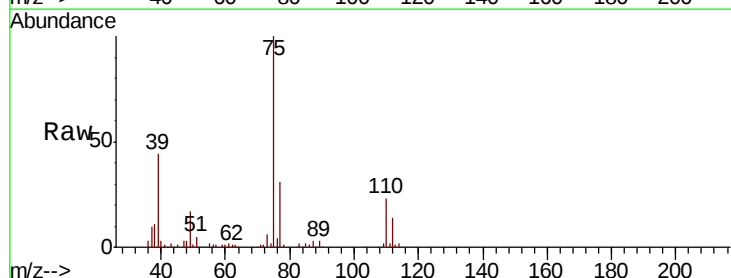
Tgt Ion: 75 Resp: 170919

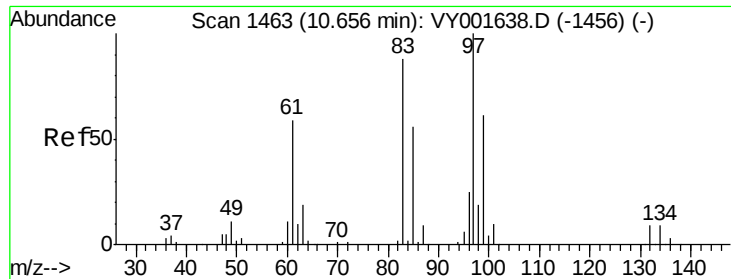
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 44.3 35.7 53.5

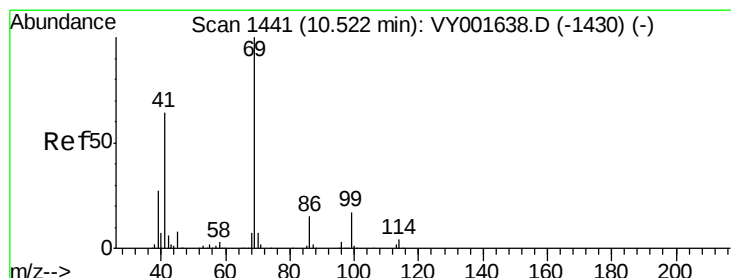
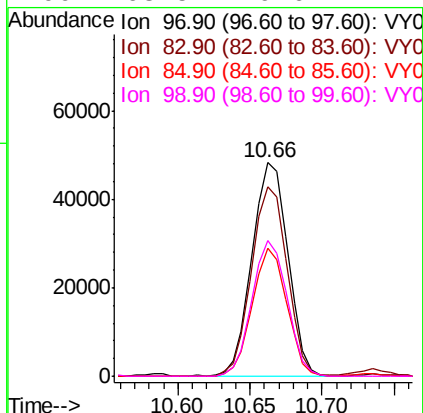
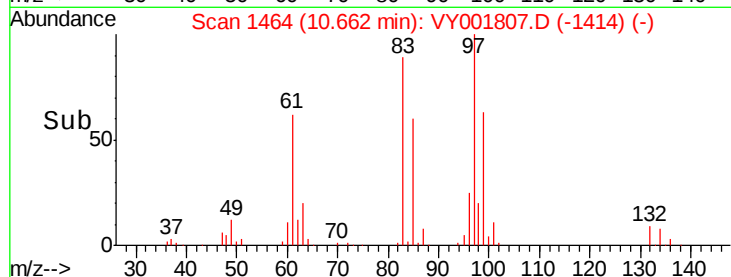
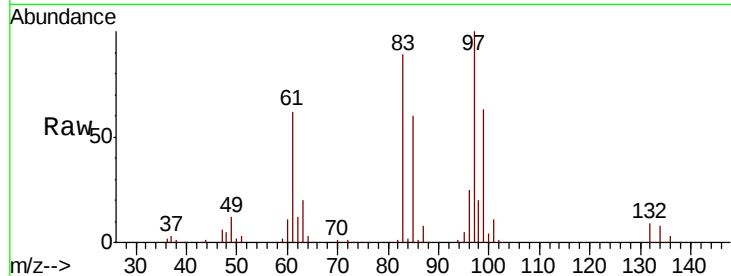




#55
 1,1,2-Trichloroethane
 Concen: 54.350 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

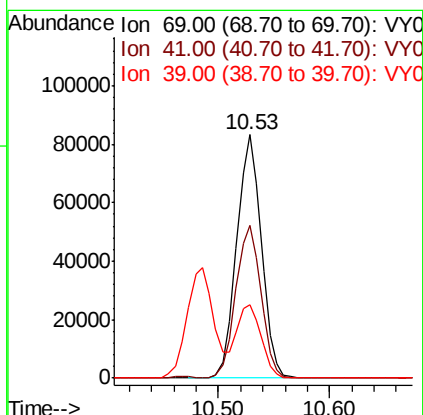
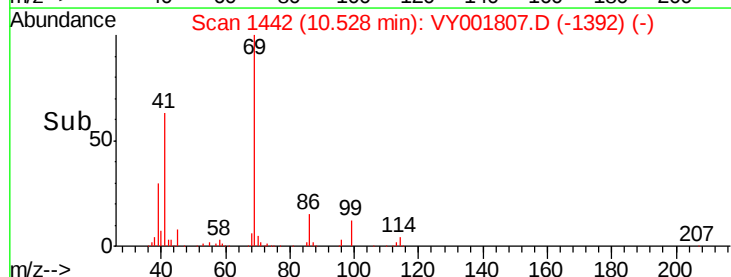
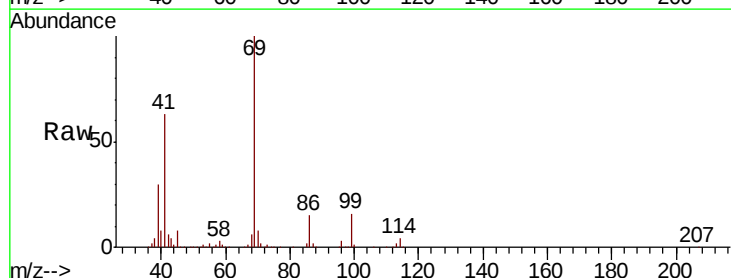
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

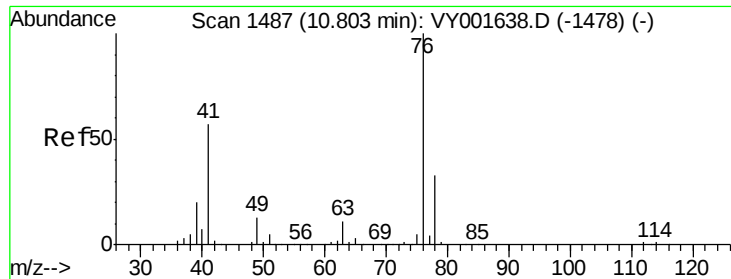
Tot Ion:	97	Resp:	83376
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.7	104.5
85	59.9	44.5	66.7
99	63.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 55.525 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion:	69	Resp:	127782
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.0	76.4
39	31.6	24.7	37.1

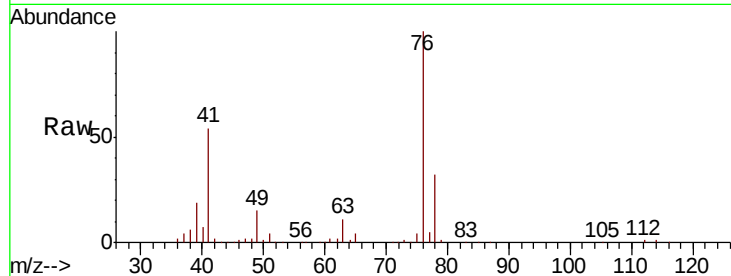




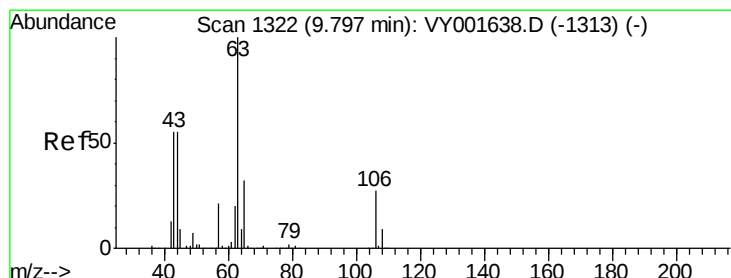
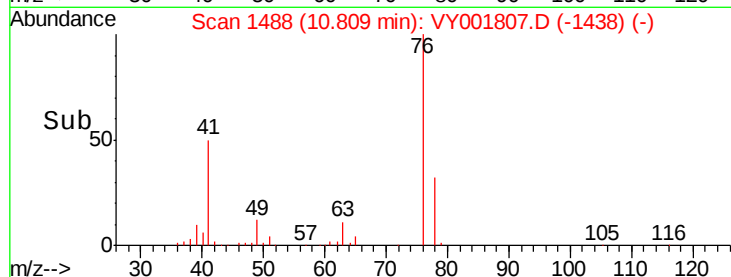
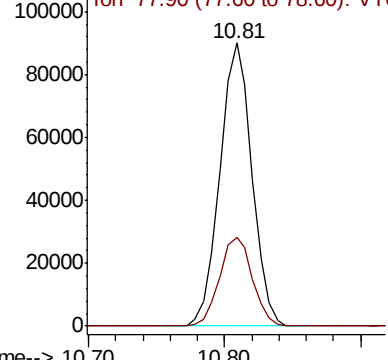
#57
 1,3-Dichloropropane
 Concen: 54.518 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 148602
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

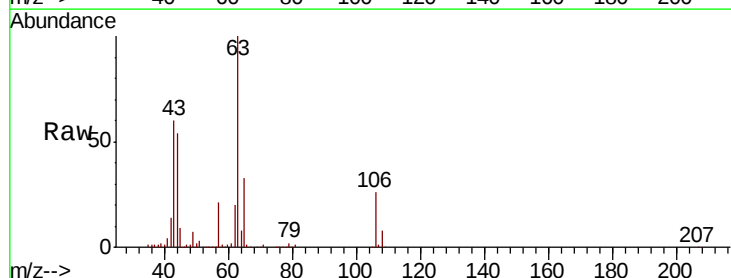


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

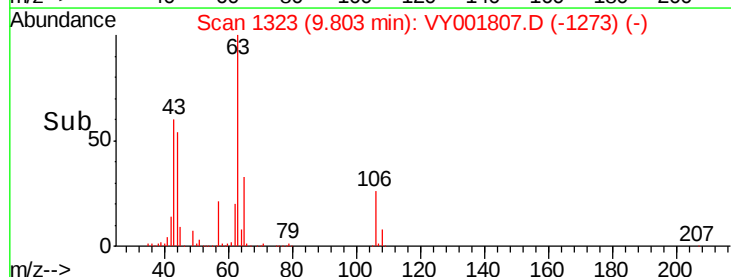
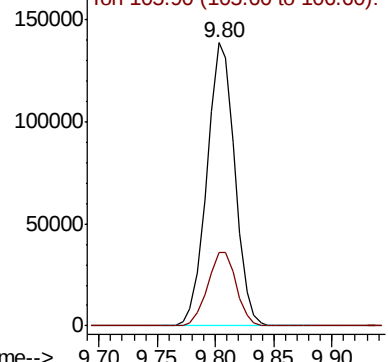


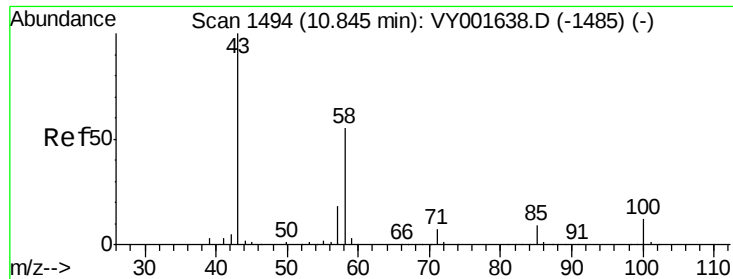
#58
 2-Chloroethyl Vinyl ether
 Concen: 268.240 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 63 Resp: 230950
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

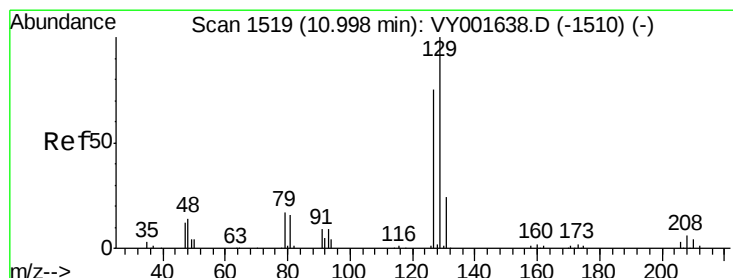
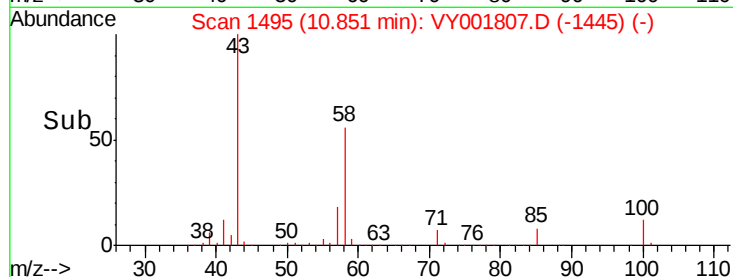
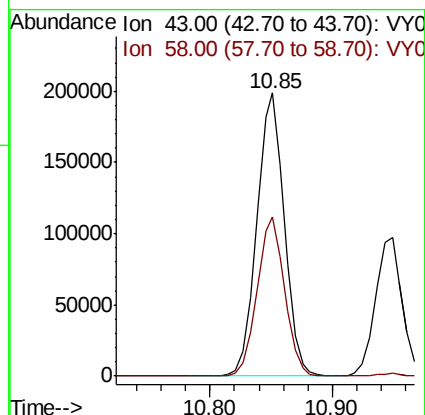
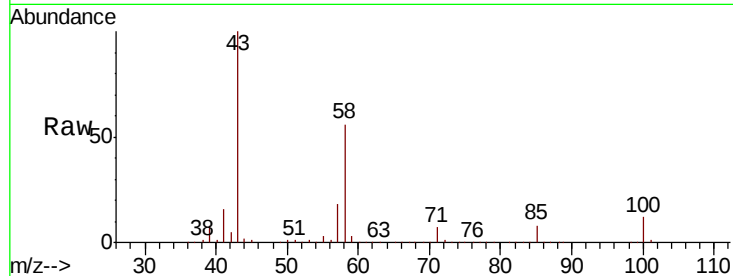




#59
2-Hexanone
Concen: 263.565 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

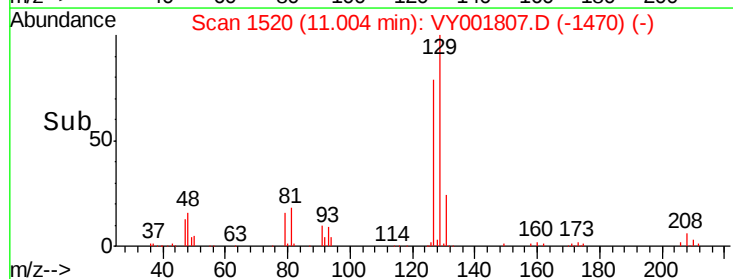
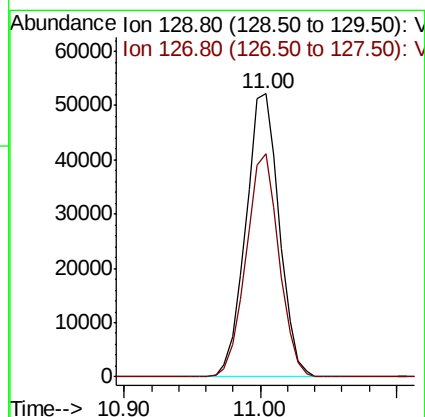
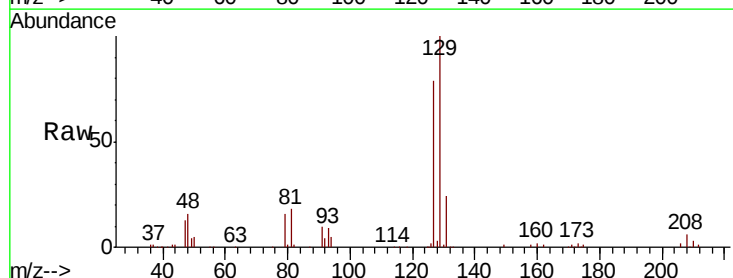
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

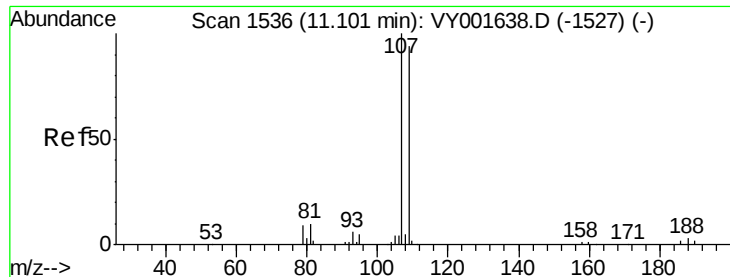
Tot Ion: 43 Resp: 310726
Ion Ratio Lower Upper
43 100
58 56.1 28.4 85.2



#60
Dibromochloromethane
Concen: 53.136 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 129 Resp: 89869
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6

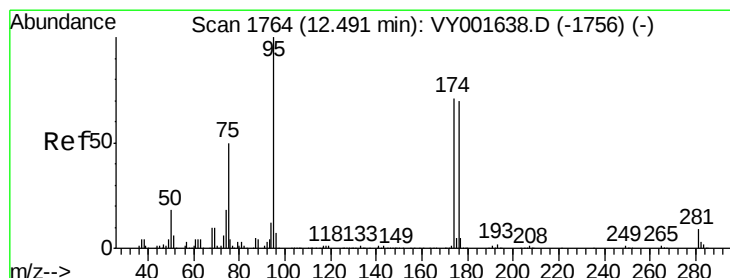
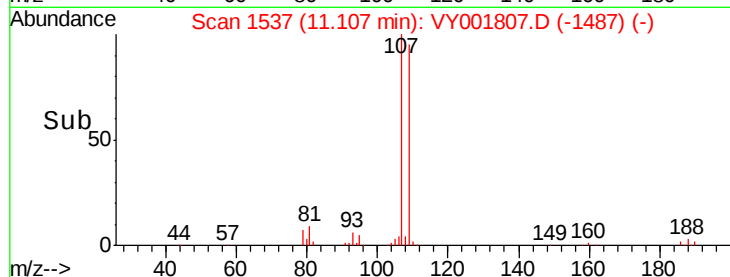
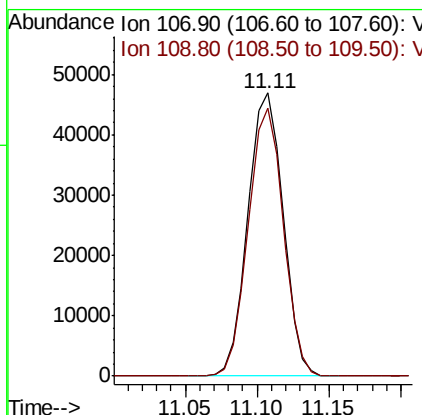
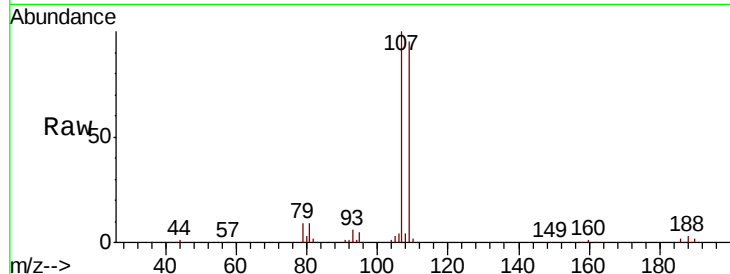




#61
1,2-Dibromoethane
Concen: 54.702 ug/l
RT: 11.11 min Scan# 1537
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

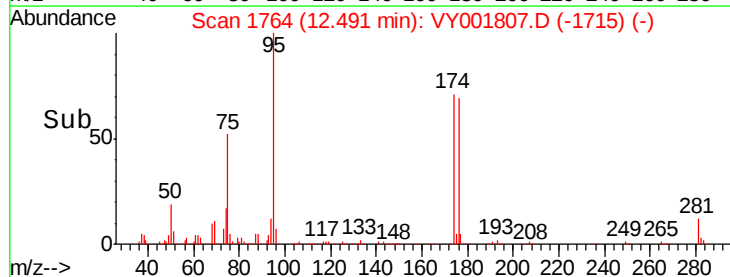
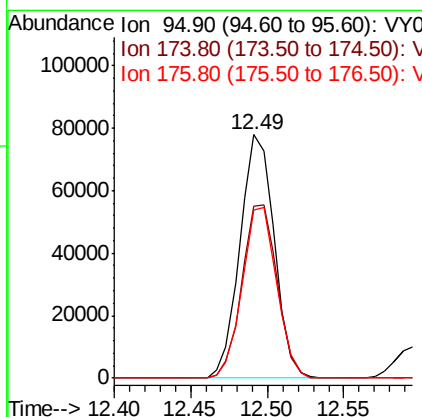
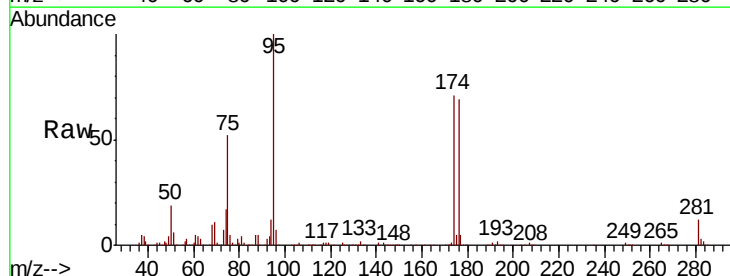
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

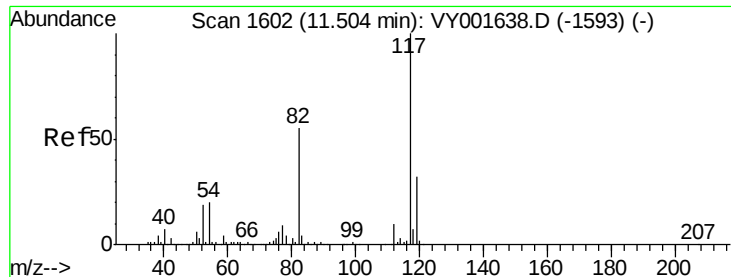
Tot Ion:107 Resp: 79345
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.201 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 95 Resp: 121256
Ion Ratio Lower Upper
95 100
174 73.0 0.0 138.4
176 70.9 0.0 131.8

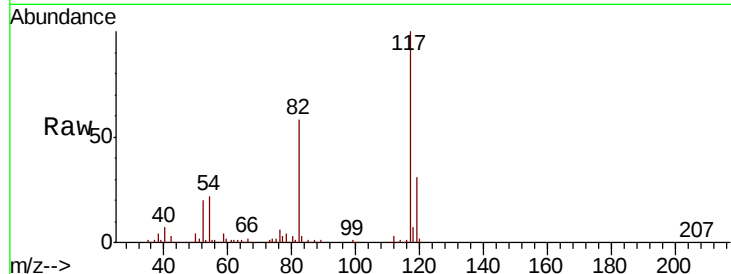




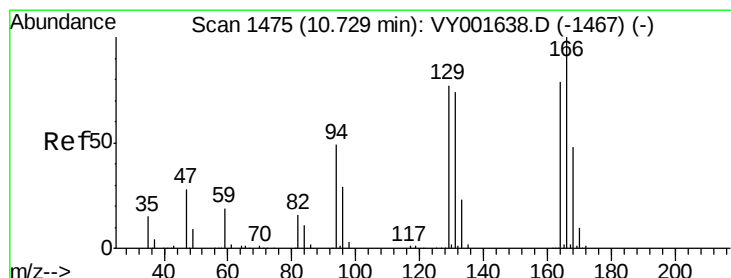
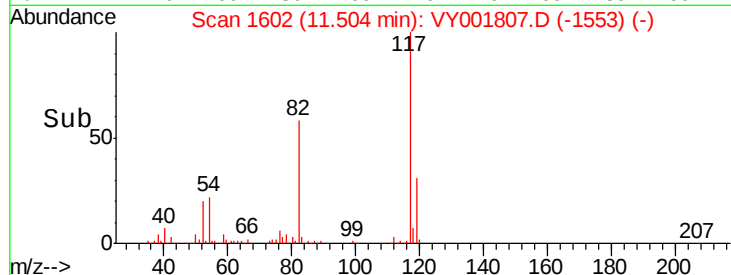
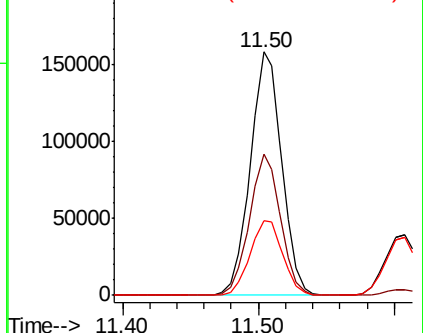
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 256092
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 30.7 25.8 38.6

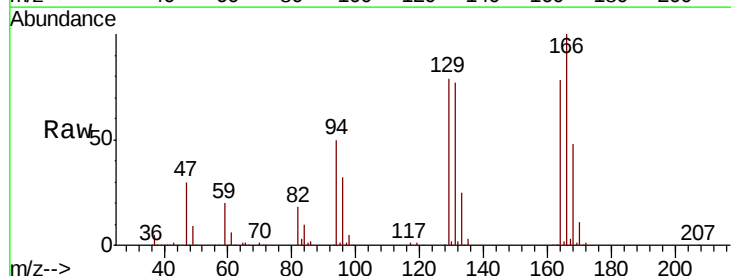


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

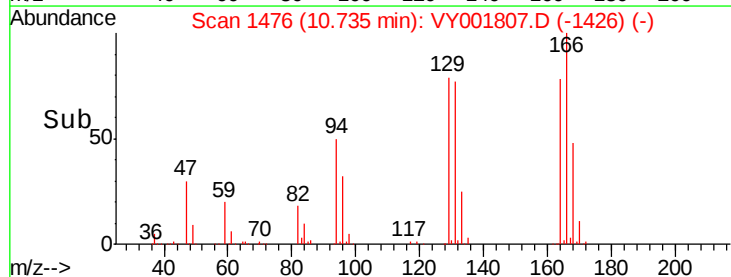
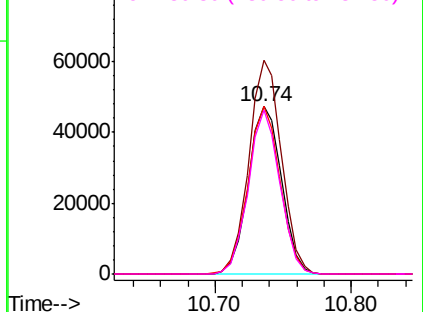


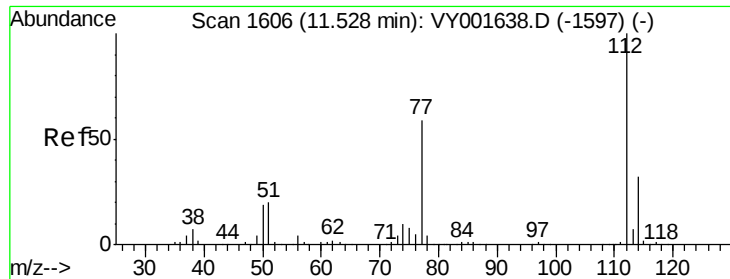
#64
Tetrachloroethene
Concen: 50.125 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion:164 Resp: 80583
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.0
129 100.4 78.7 118.1
131 98.3 76.0 114.0



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

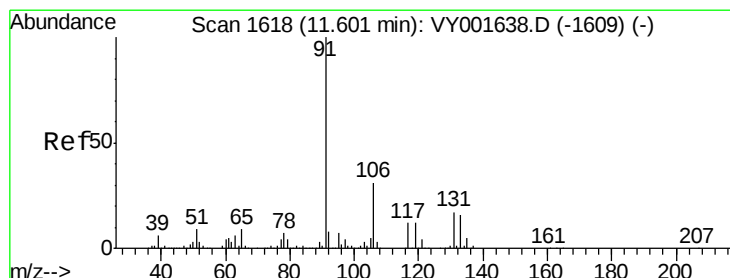
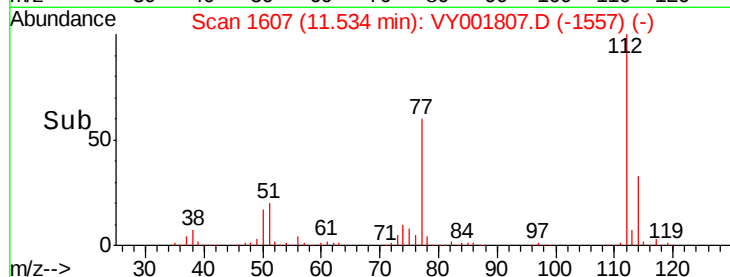
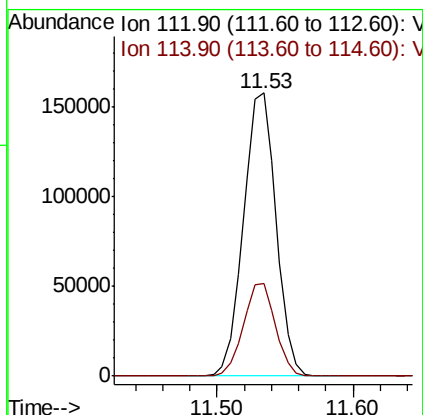
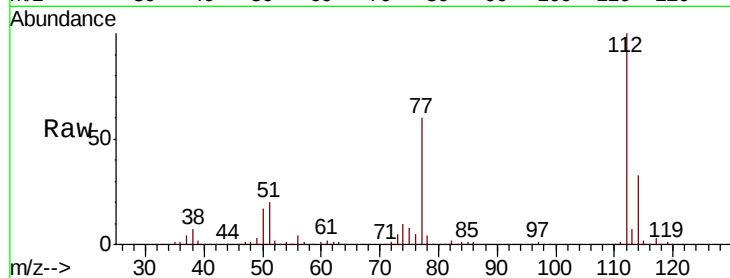




#65
Chlorobenzene
Concen: 51.787 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

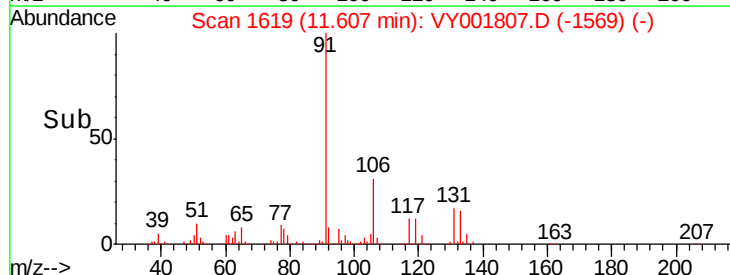
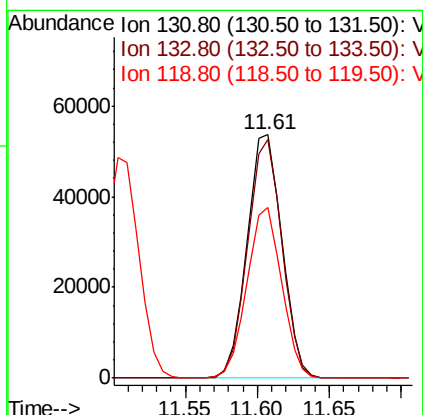
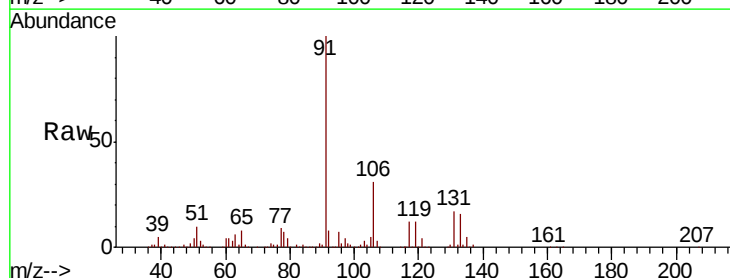
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

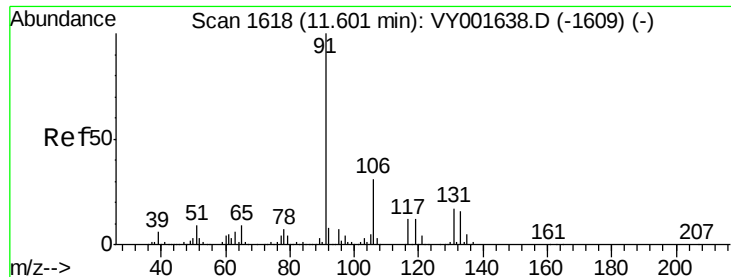
Tot Ion:112 Resp: 264777
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.966 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion:131 Resp: 89627
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 69.7 34.4 103.1

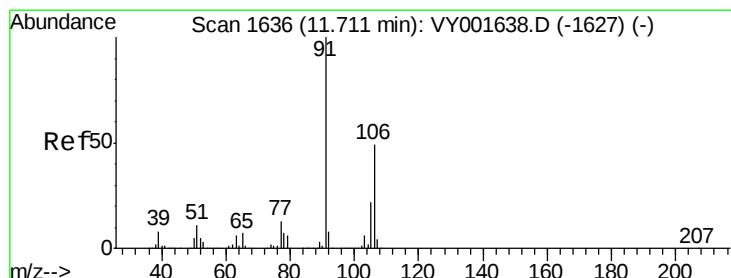
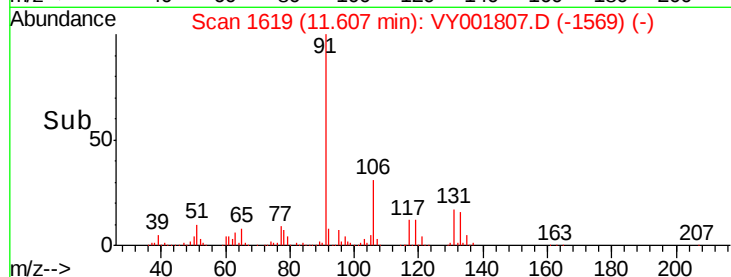
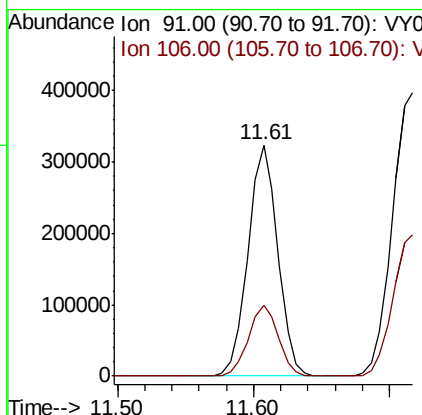
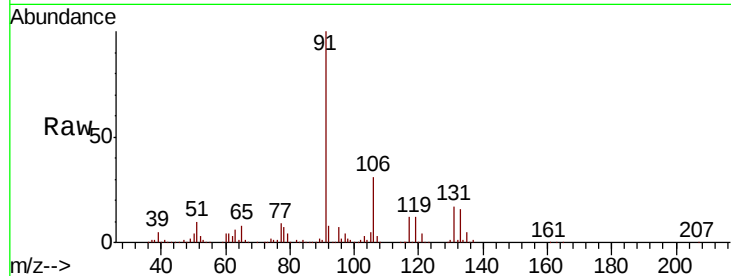




#67
Ethyl Benzene
Concen: 52.172 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

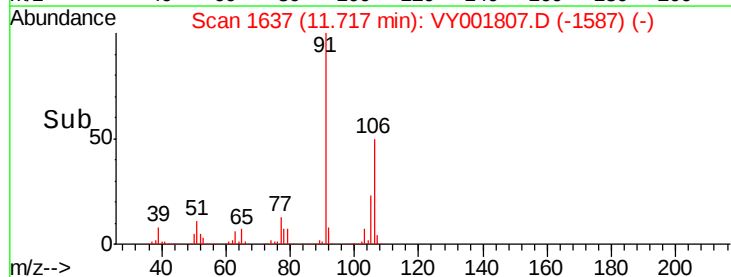
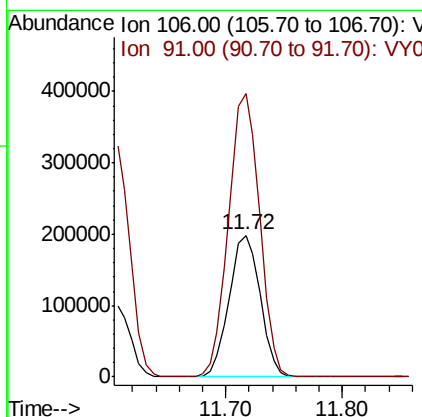
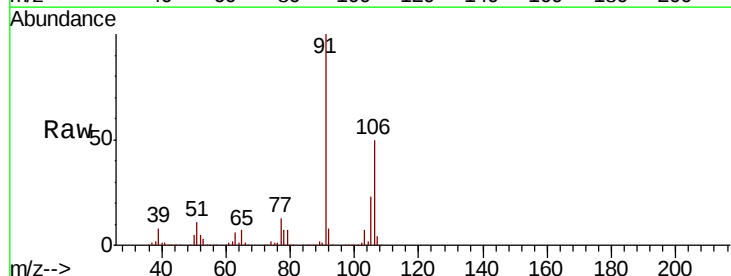
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 495018
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 103.922 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 106 Resp: 368330
Ion Ratio Lower Upper
106 100
91 200.5 163.3 244.9

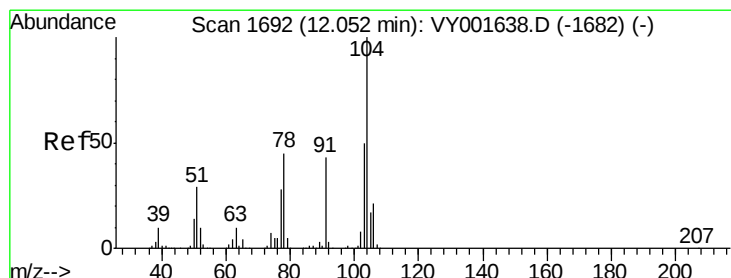
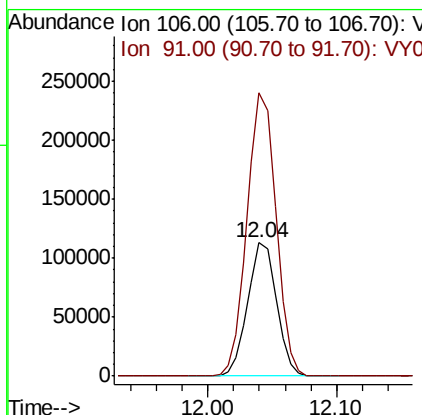
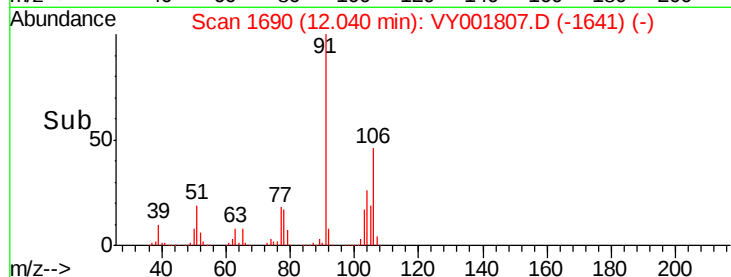
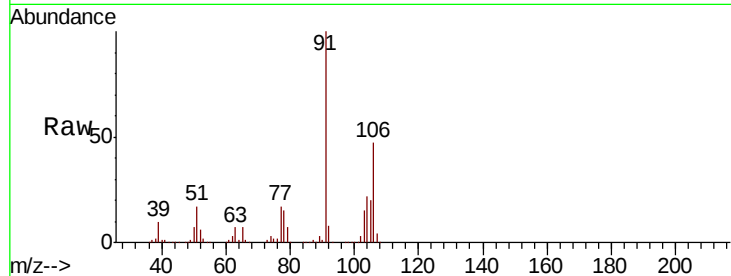




#69
o-Xylene
Concen: 51.876 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

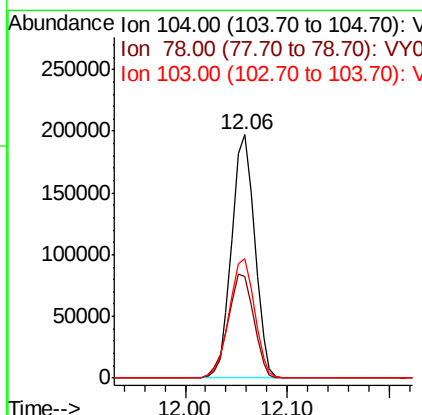
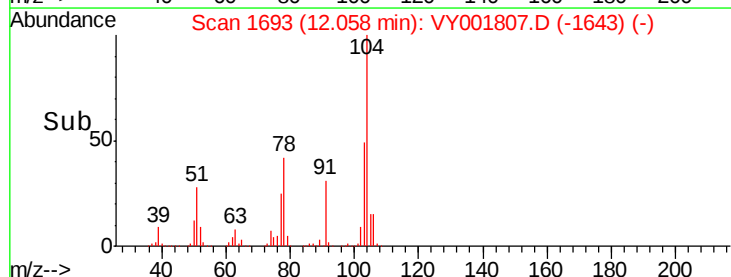
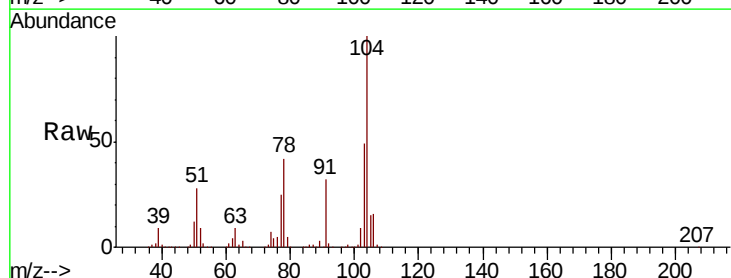
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

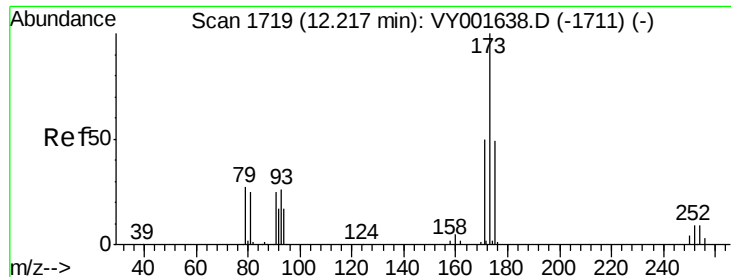
Tot Ion:106 Resp: 174799
Ion Ratio Lower Upper
106 100
91 214.0 108.3 324.9



#70
Styrene
Concen: 52.739 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion:104 Resp: 308841
Ion Ratio Lower Upper
104 100
78 47.8 39.2 58.8
103 53.7 43.0 64.6





#71

Bromoform

Concen: 52.110 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

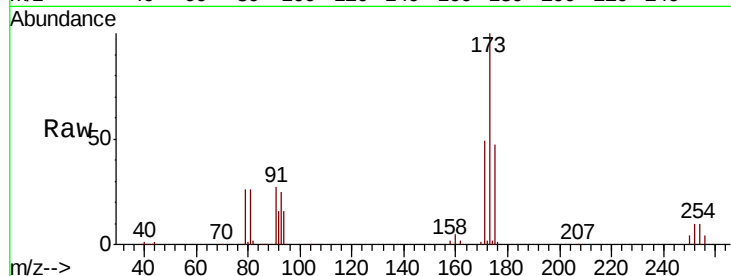
Tot Ion:173 Resp: 51362

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

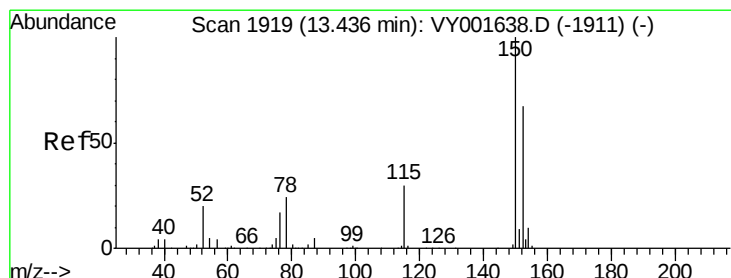
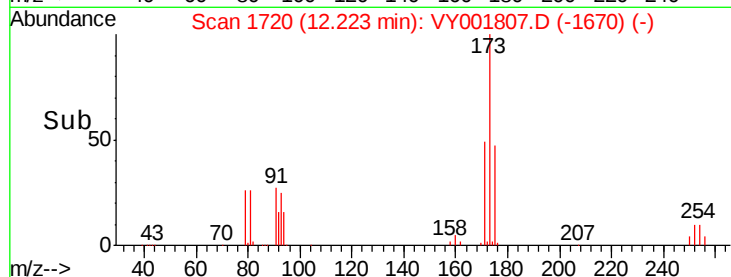
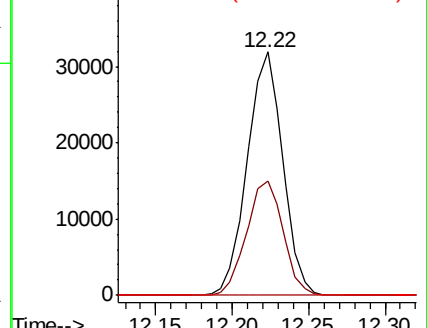
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

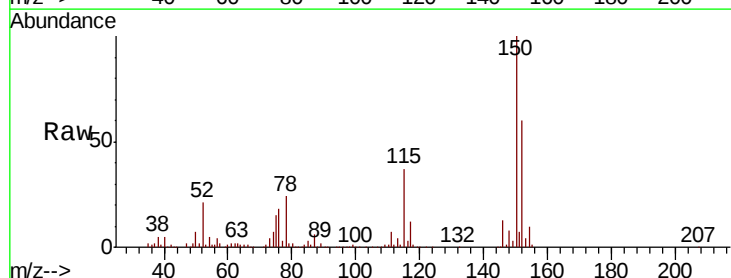
Tgt Ion:152 Resp: 120826

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

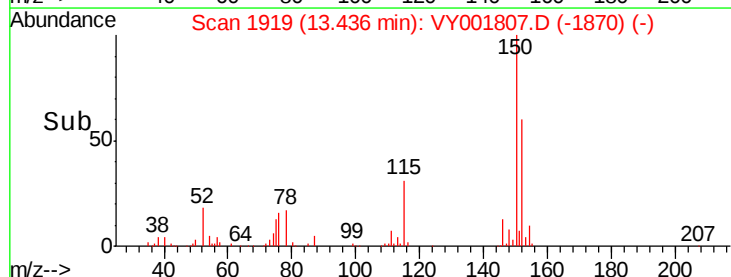
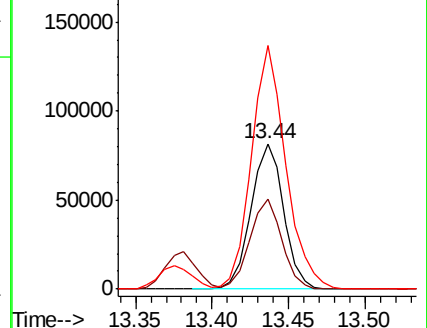
150 176.4 0.0 407.2

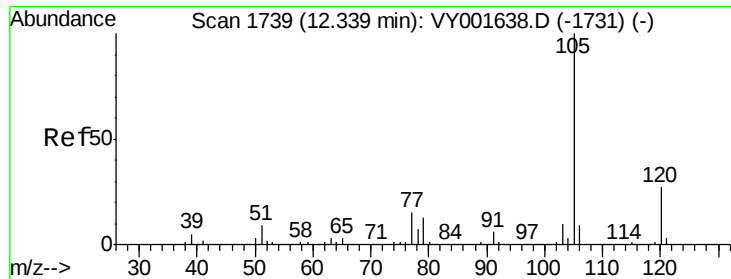


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.897 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

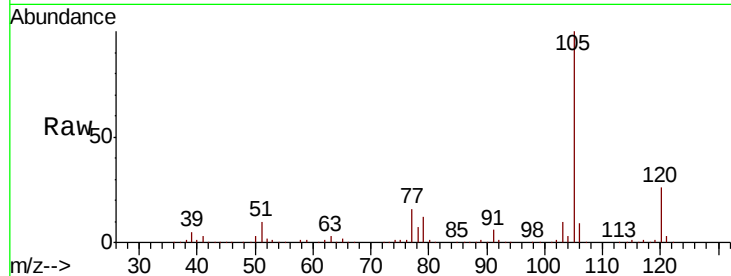
VSTDCCC050EC

Tot Ion:105 Resp: 468494

Ion Ratio Lower Upper

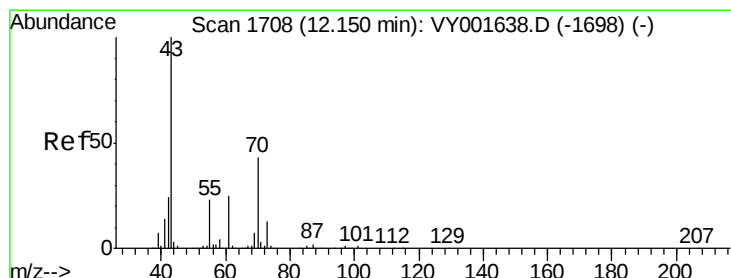
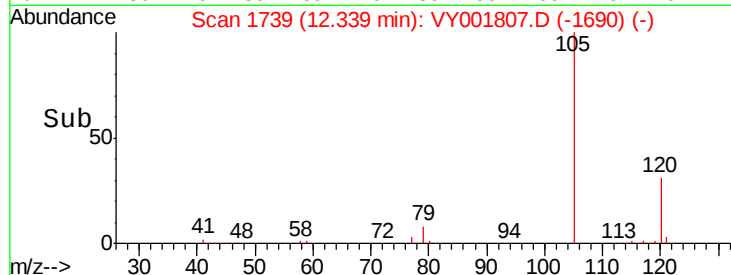
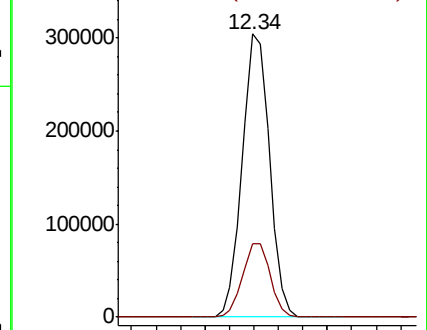
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.735 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Tgt Ion: 43 Resp: 154916

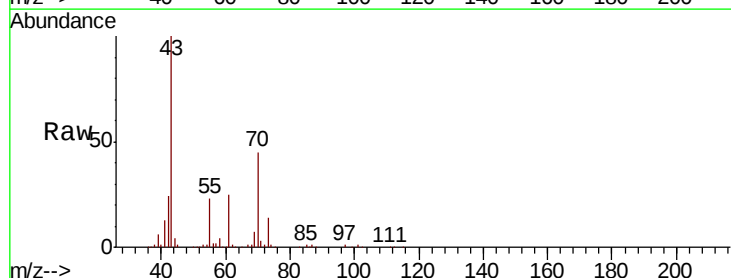
Ion Ratio Lower Upper

43 100

70 44.2 35.9 53.9

55 23.2 18.3 27.5

61 25.2 20.7 31.1

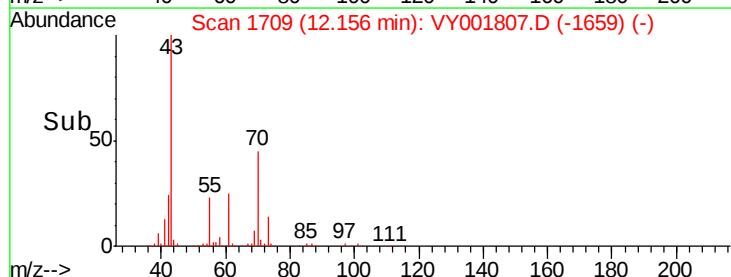
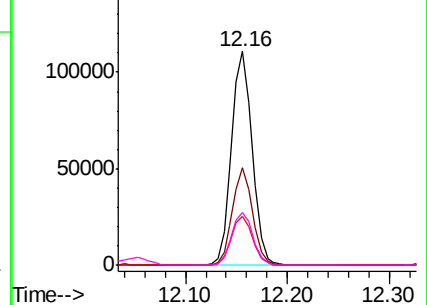


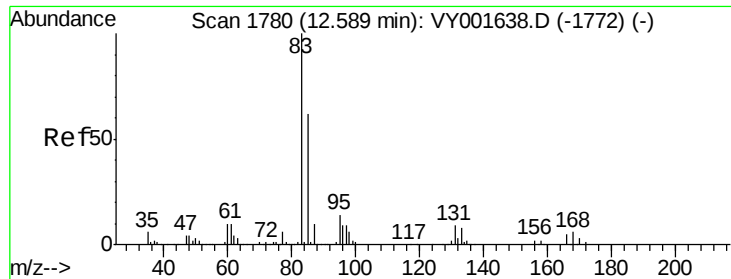
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.799 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

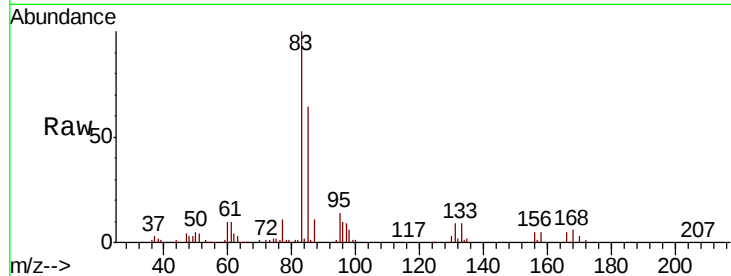
Tot Ion: 83 Resp: 107703

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

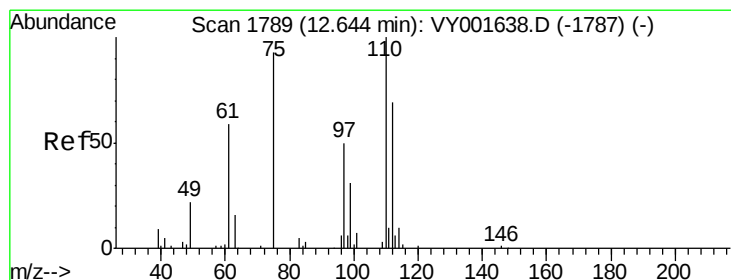
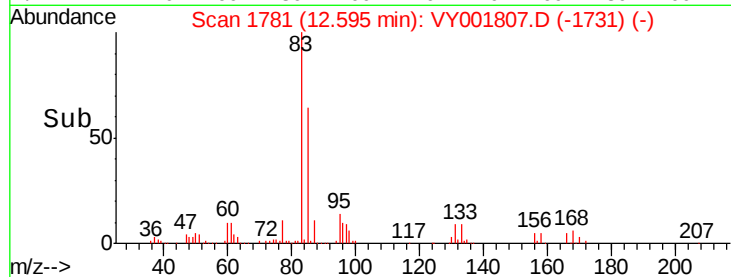
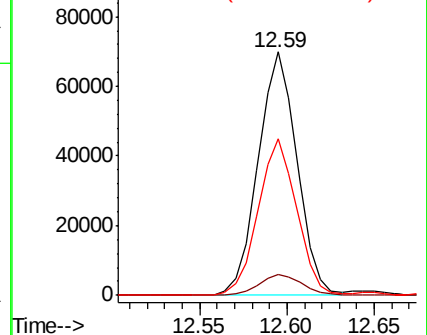
85 63.8 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001807.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001807.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001807.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 100.887 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001807.D

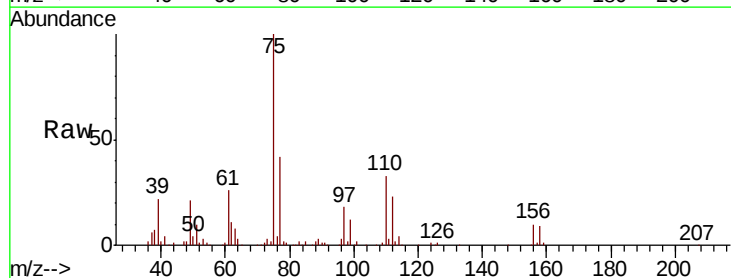
Acq: 28 Feb 2020 18:39

Tgt Ion: 75 Resp: 139833

Ion Ratio Lower Upper

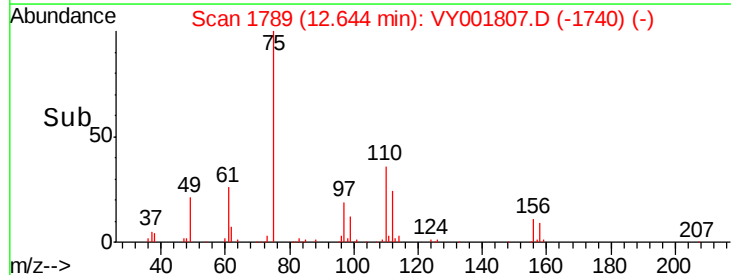
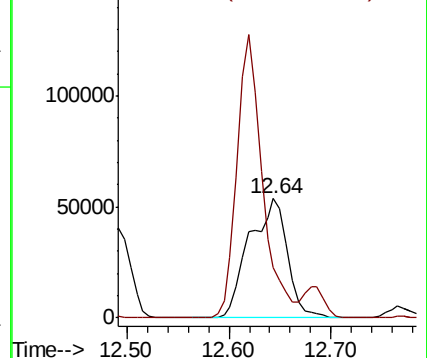
75 100

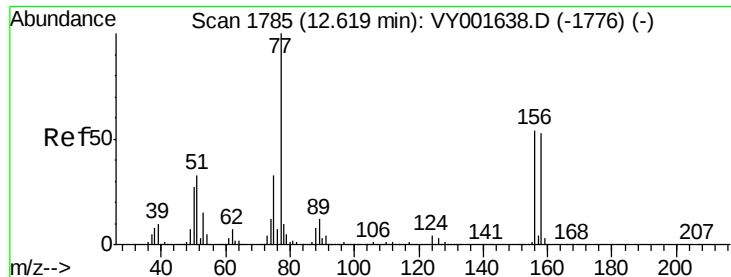
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001807.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001807.D (-1740) (-)





#77

Bromobenzene

Concen: 51.242 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

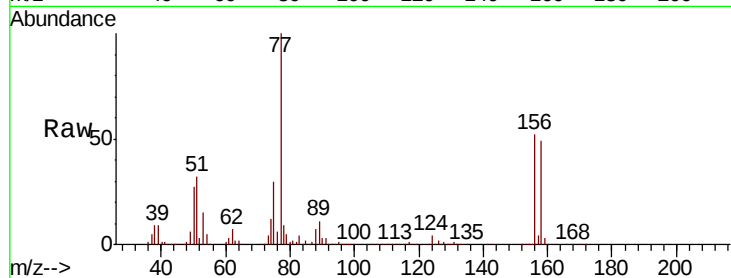
Tot Ion:156 Resp: 102250

Ion	Ratio	Lower	Upper
156	100		
77	216.6	110.1	330.1
158	95.6	47.9	143.7

156 100

77 216.6 110.1 330.1

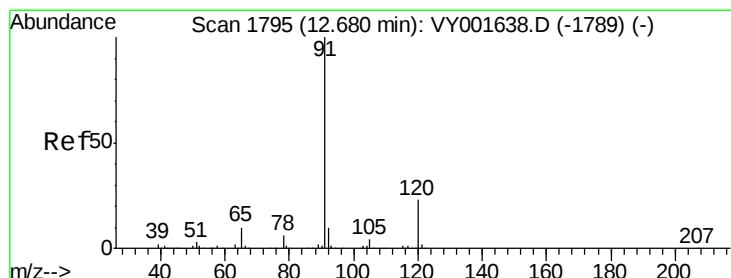
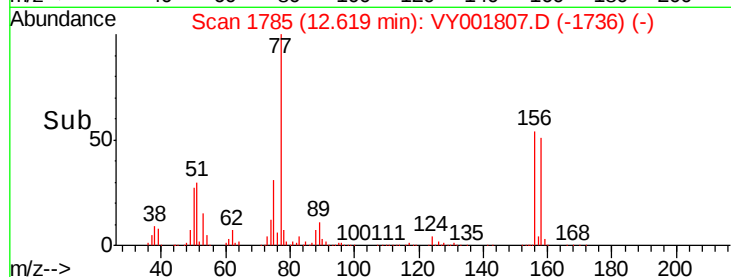
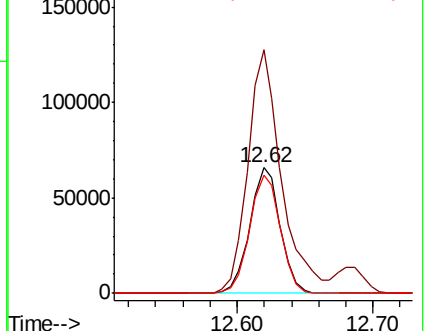
158 95.6 47.9 143.7



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: 51.477 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001807.D

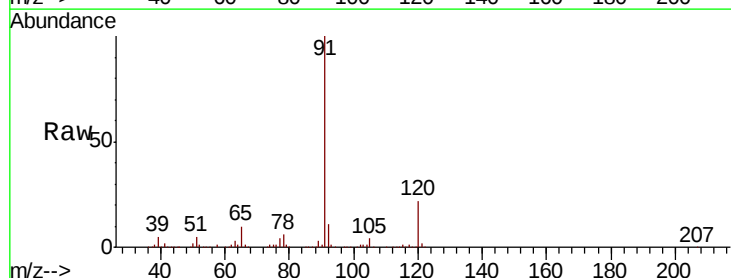
Acq: 28 Feb 2020 18:39

Tgt Ion: 91 Resp: 577087

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1

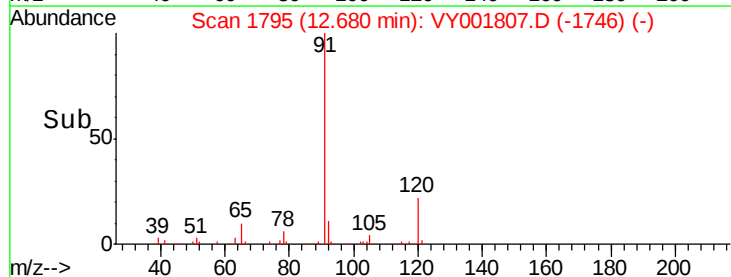
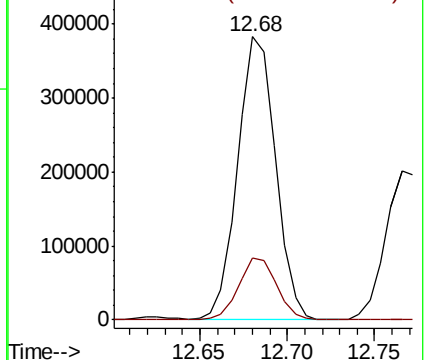
91 100

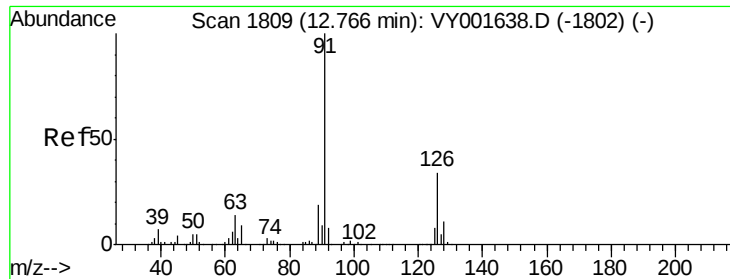
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

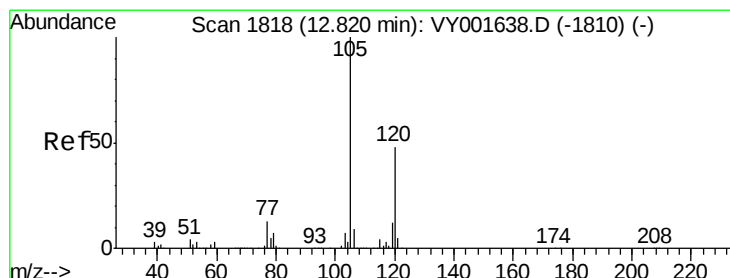
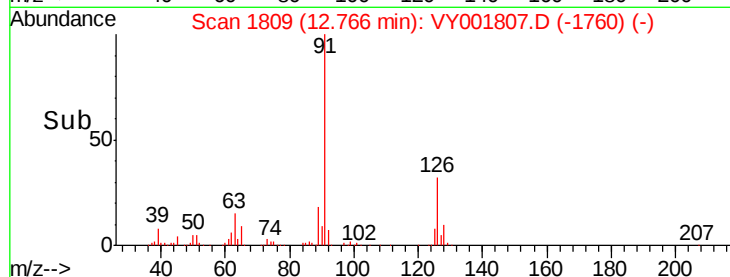
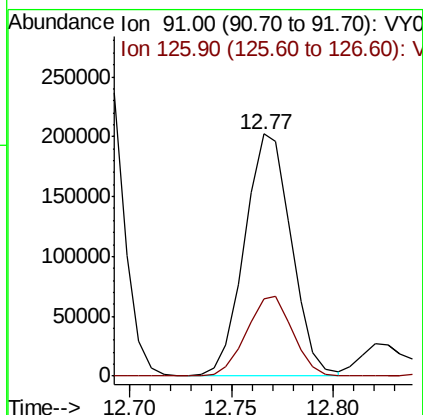
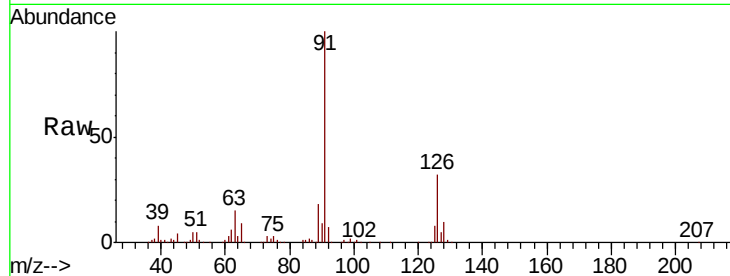




#79
 2-Chlorotoluene
 Concen: 51.224 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

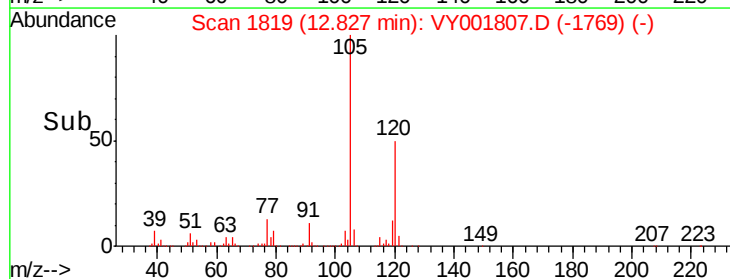
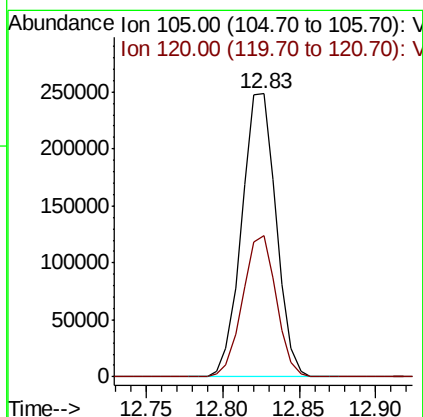
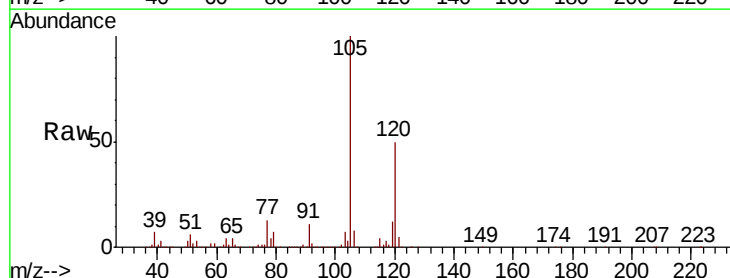
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

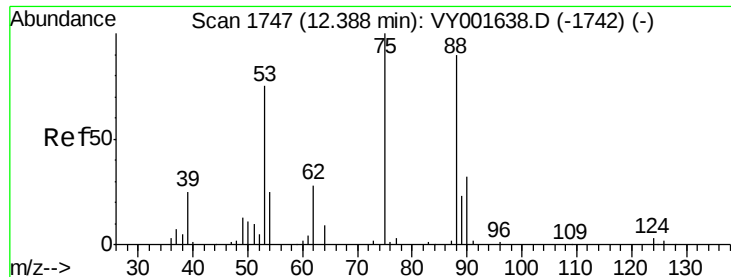
Tot Ion: 91 Resp: 322076
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.939 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion: 105 Resp: 388132
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.576 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

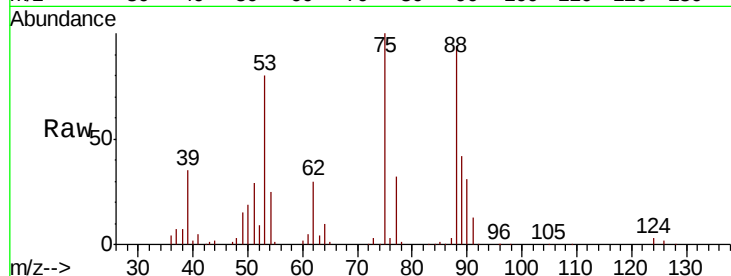
Tot Ion: 75 Resp: 38411

Ion Ratio Lower Upper

75 100

53 83.1 64.5 96.7

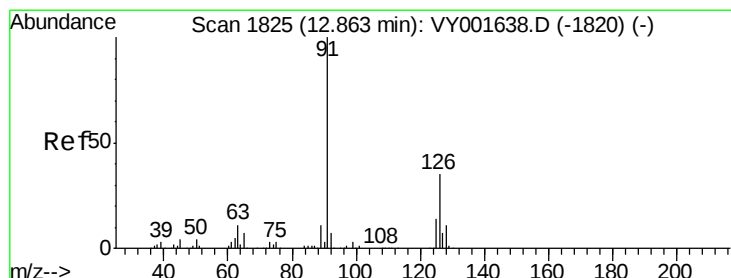
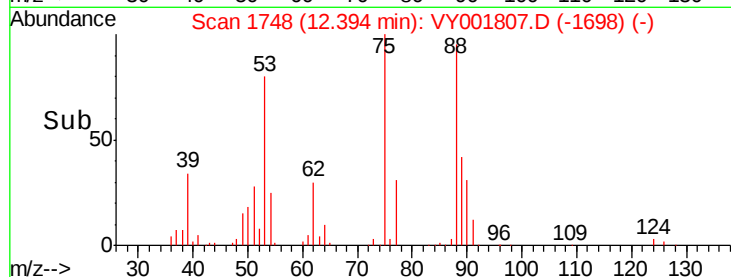
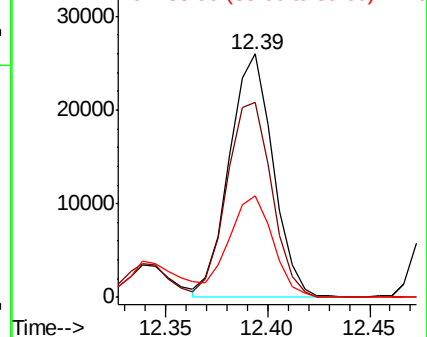
89 41.9 36.3 54.5



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: 50.910 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001807.D

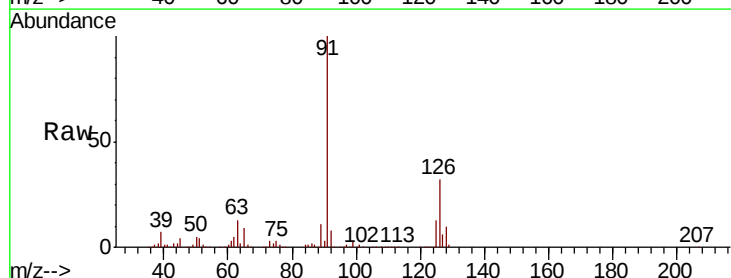
Acq: 28 Feb 2020 18:39

Tgt Ion: 91 Resp: 337608

Ion Ratio Lower Upper

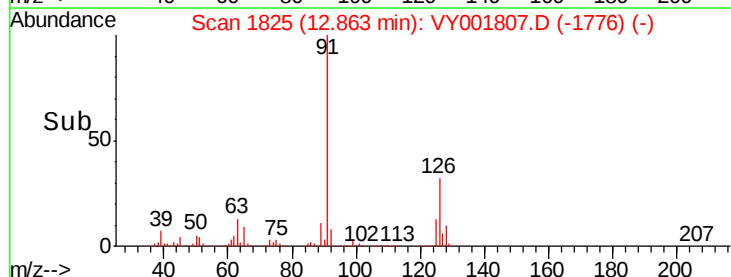
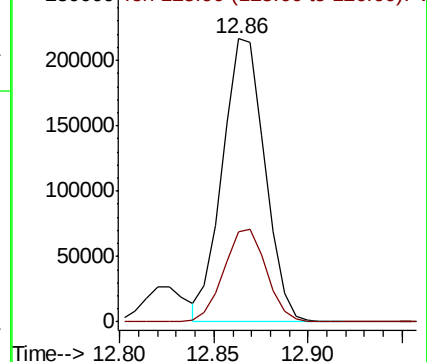
91 100

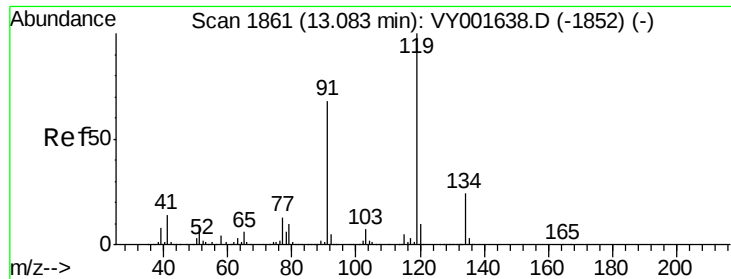
126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

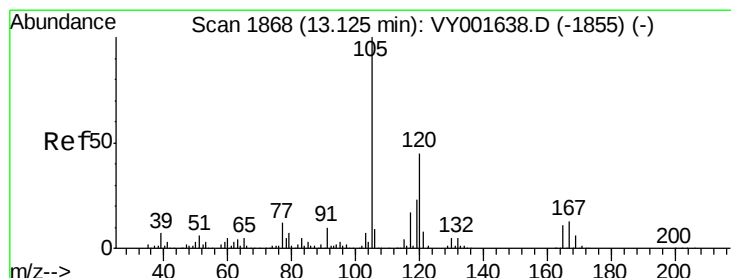
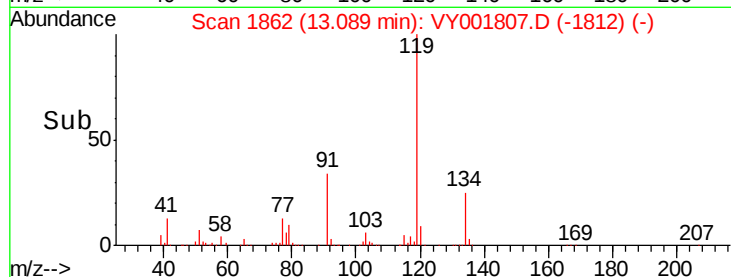
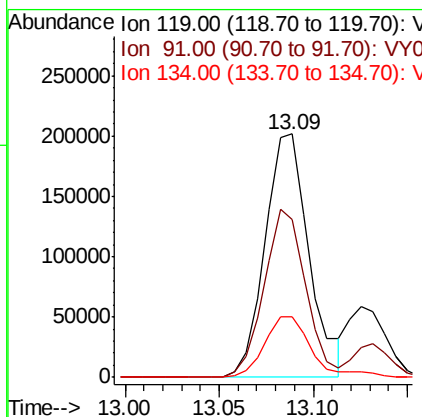
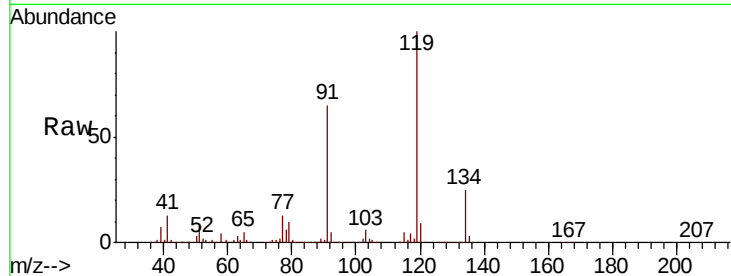




#83
tert-Butylbenzene
Concen: 51.515 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

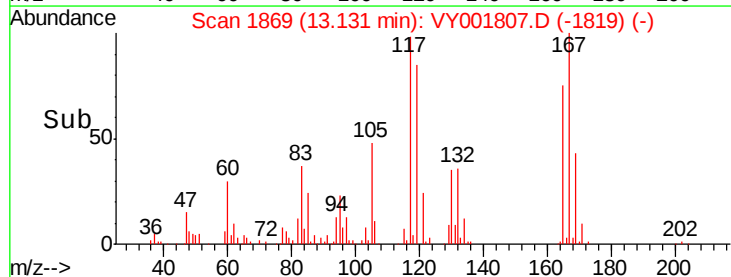
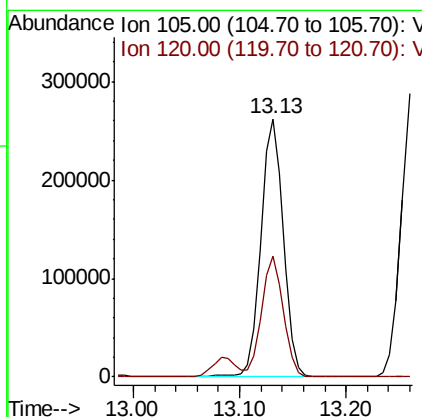
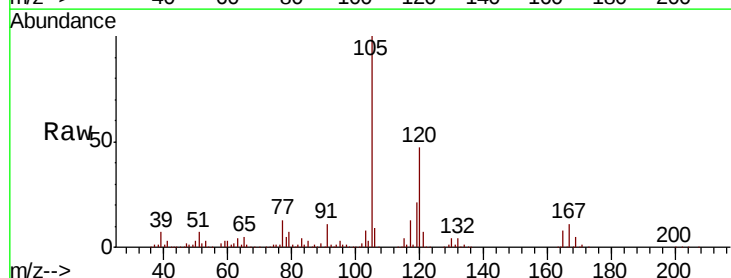
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

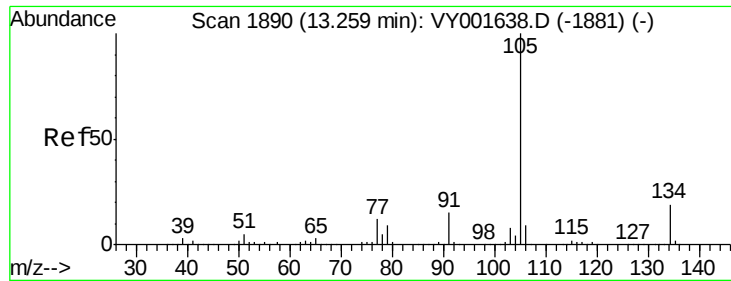
Tot Ion:119 Resp: 328290
Ion Ratio Lower Upper
119 100
91 64.9 33.5 100.5
134 26.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.872 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion:105 Resp: 386439
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3

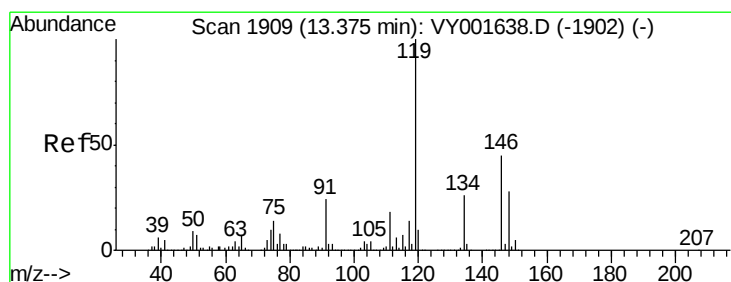
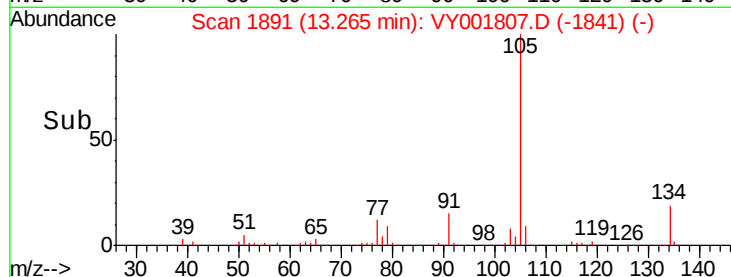
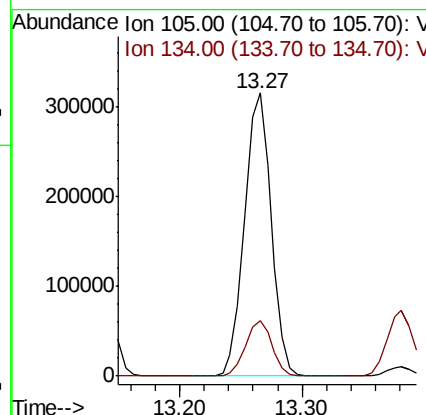
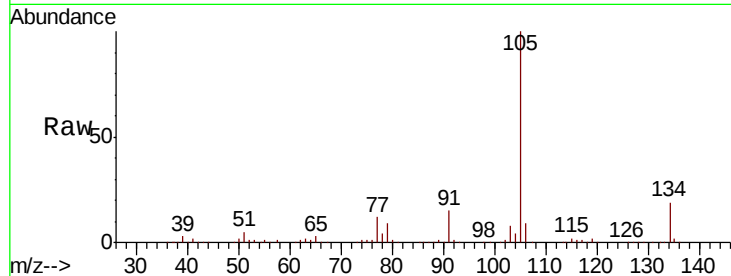




#85
 sec-Butylbenzene
 Concen: 50.703 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

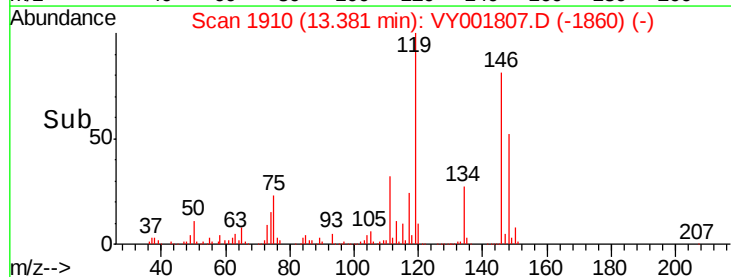
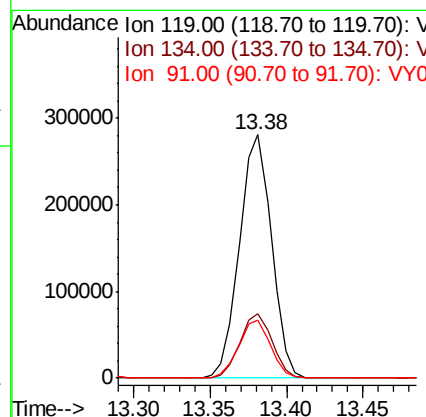
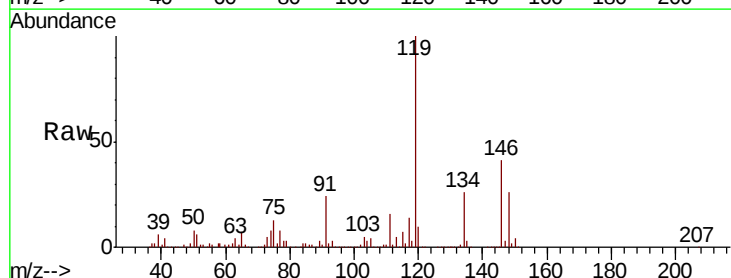
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

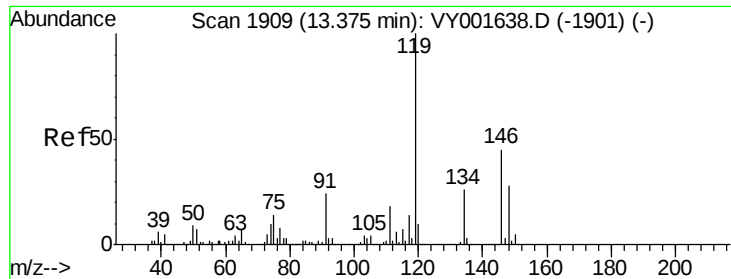
Tot Ion:105 Resp: 475216
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.108 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion:119 Resp: 407990
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 23.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.038 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

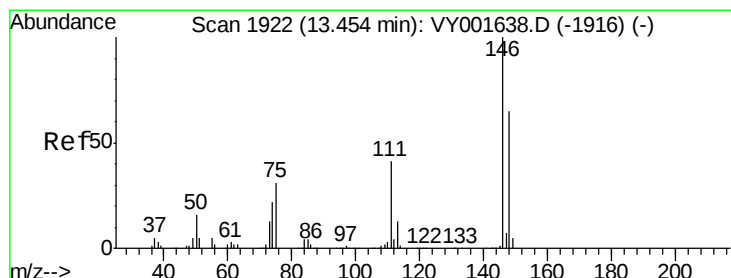
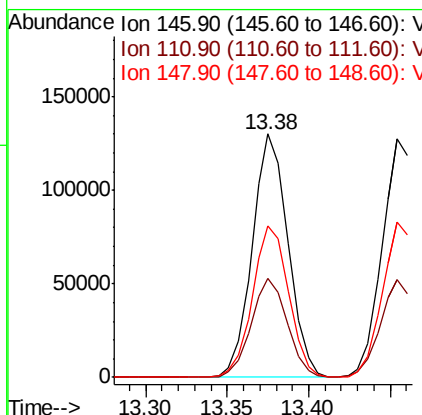
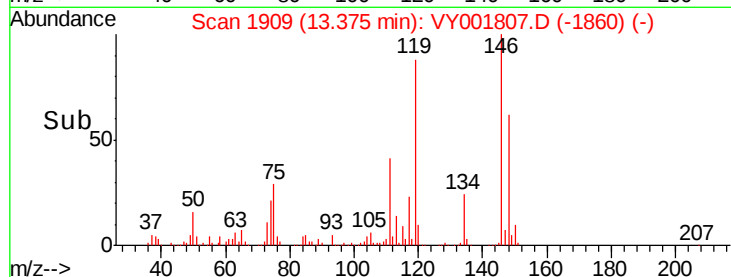
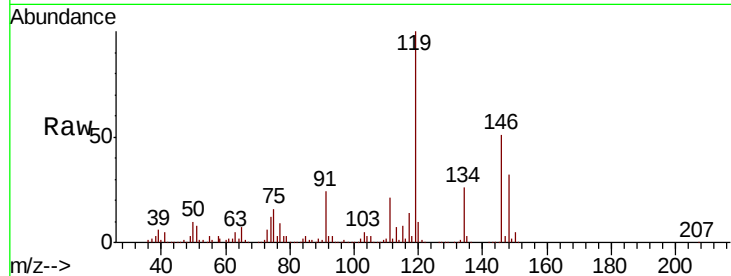
Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 197512

Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.4	64.3
148	63.2	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 50.324 ug/l

RT: 13.45 min Scan# 1922

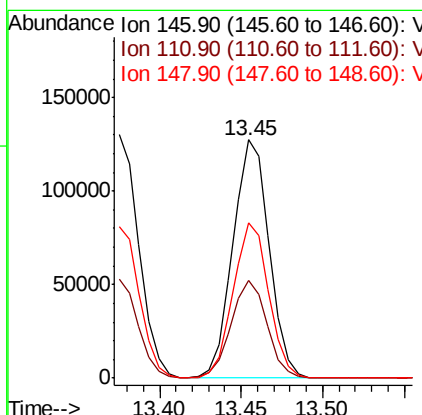
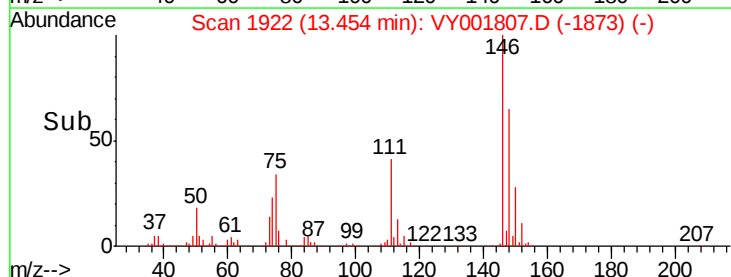
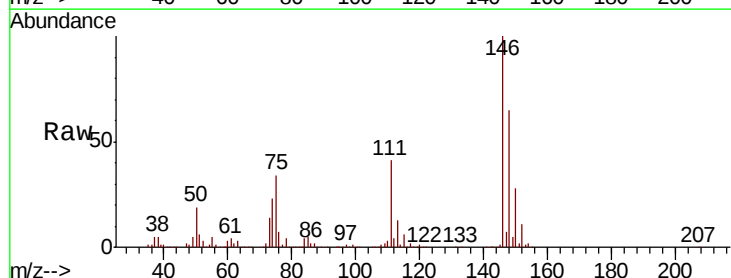
Delta R.T. -0.00 min

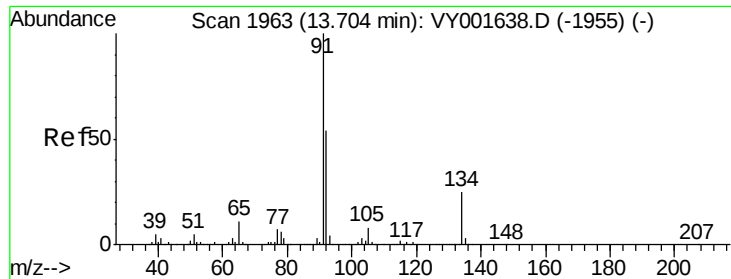
Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Tgt Ion:146 Resp: 196861

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	64.0	31.6	94.7

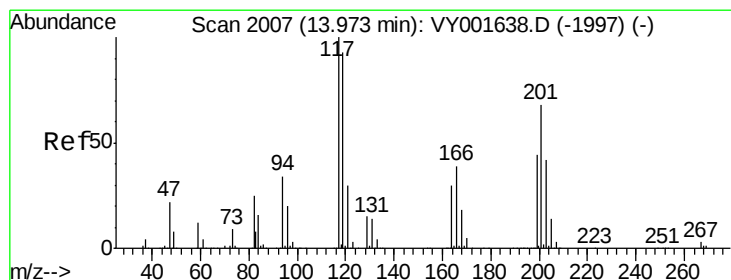
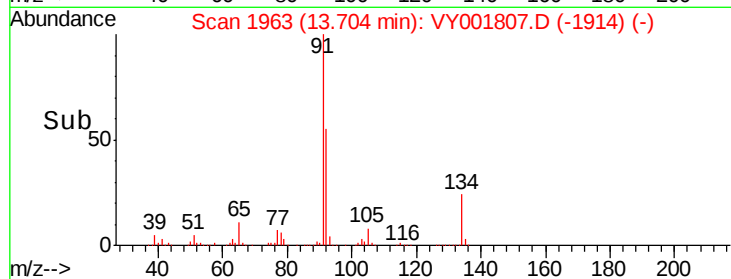
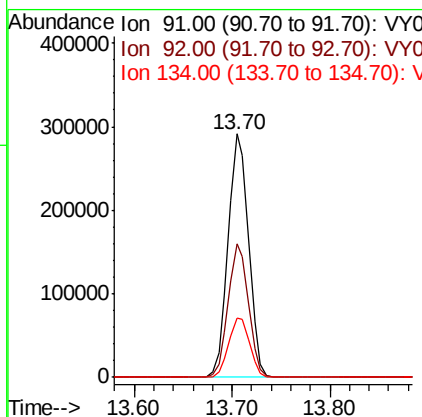
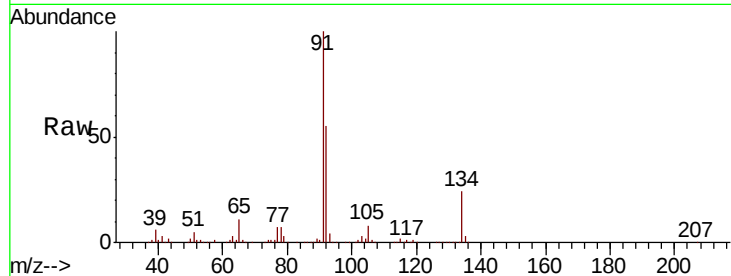




#89
n-Butylbenzene
Concen: 50.853 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

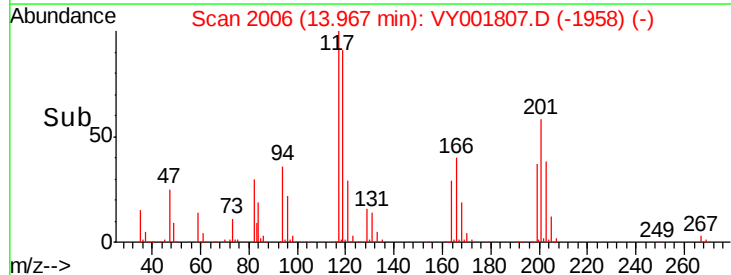
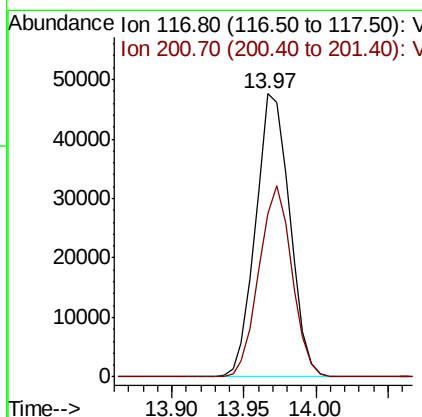
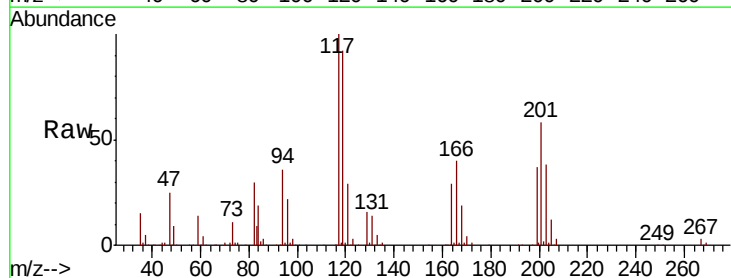
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

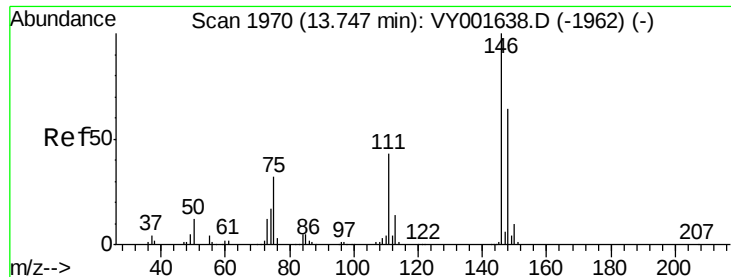
Tot Ion: 91 Resp: 423094
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 50.759 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion: 117 Resp: 77869
Ion Ratio Lower Upper
117 100
201 65.2 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 51.166 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

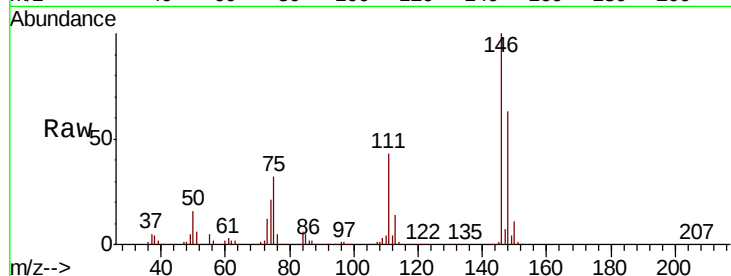
Tot Ion:146 Resp: 182734

Ion Ratio Lower Upper

146 100

111 42.1 21.9 65.7

148 62.9 31.5 94.5

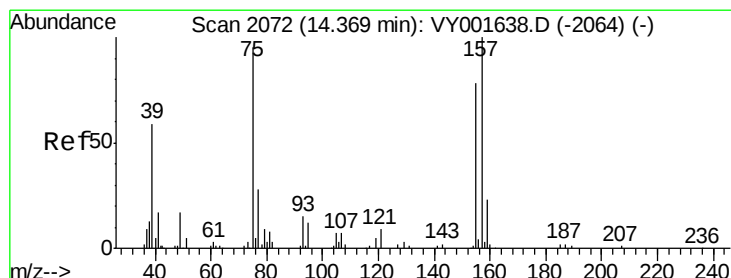
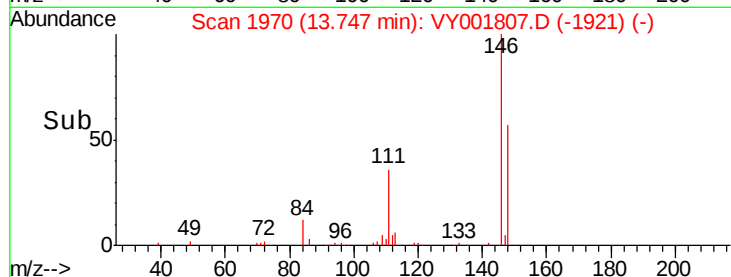
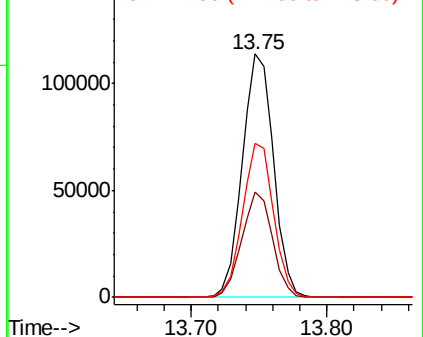


Abundance

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: 51.005 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VY001807.D

Acq: 28 Feb 2020 18:39

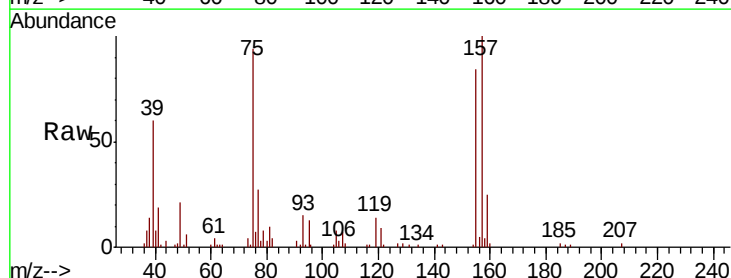
Tgt Ion: 75 Resp: 16544

Ion Ratio Lower Upper

75 100

155 86.6 40.8 122.4

157 104.9 52.1 156.4

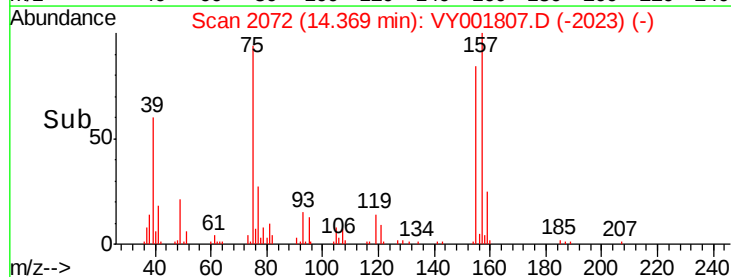
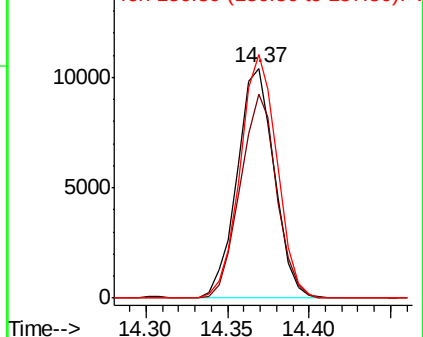


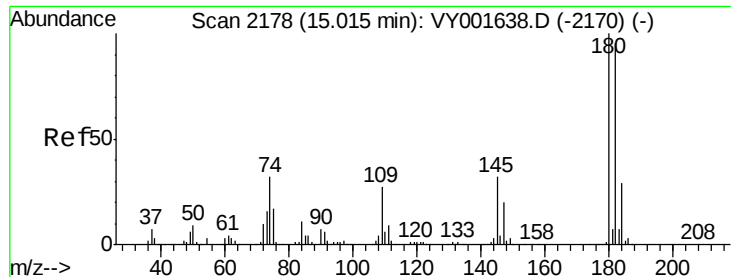
Abundance

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

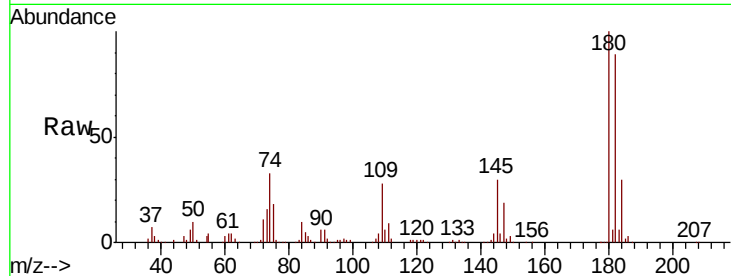




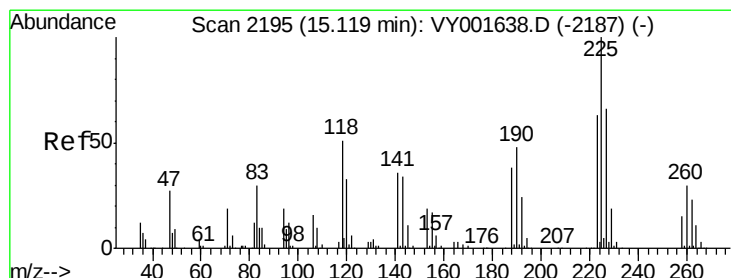
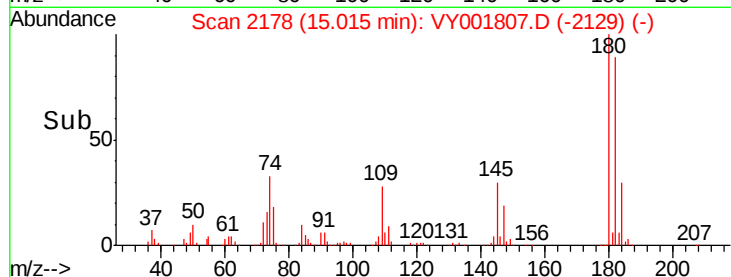
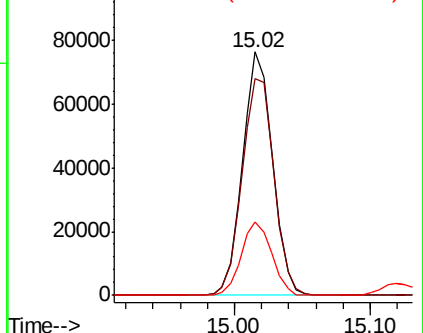
#93
 1,2,4-Trichlorobenzene
 Concen: 49.659 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 117528
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.8 140.3
 145 30.7 16.2 48.5

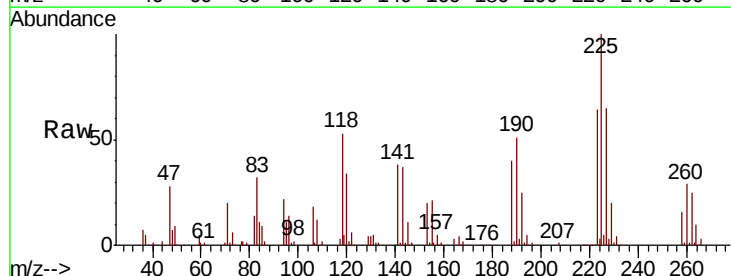


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

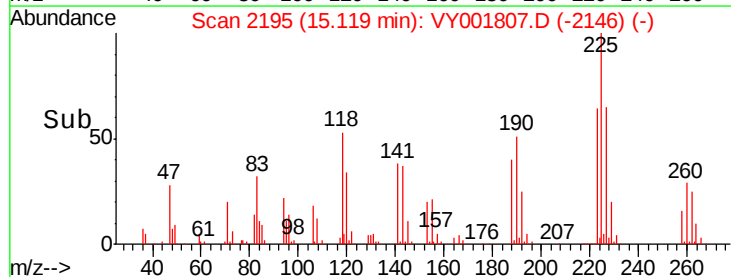
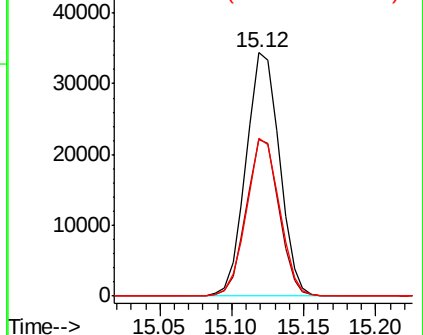


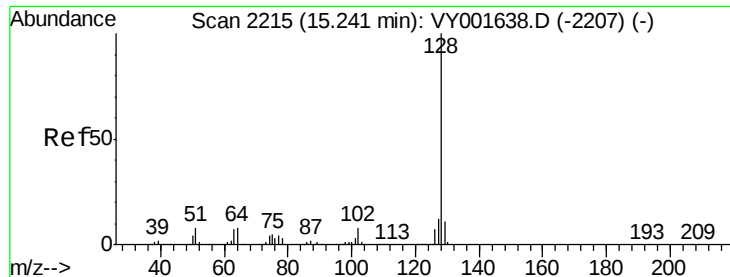
#94
 Hexachlorobutadiene
 Concen: 46.934 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001807.D
 Acq: 28 Feb 2020 18:39

Tgt Ion:225 Resp: 55242
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.0
 227 63.6 31.6 94.8



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

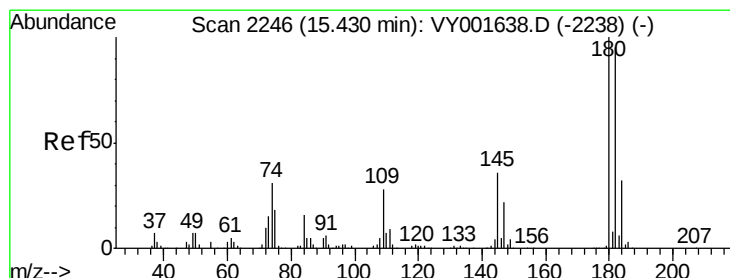
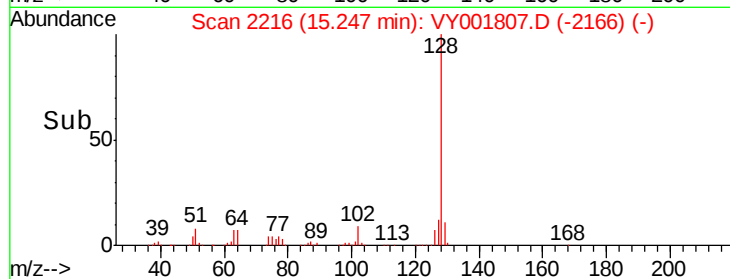
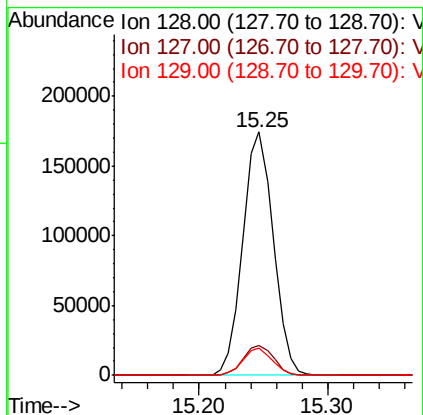
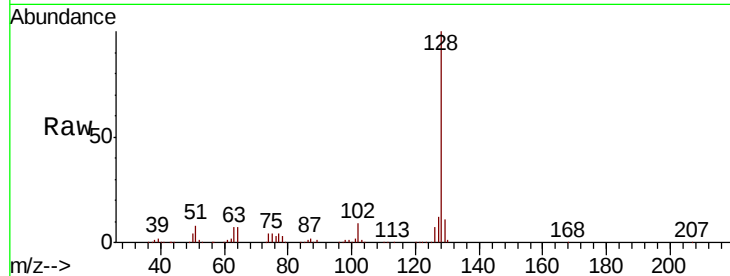




#95
Naphthalene
Concen: 52.170 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.907 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001807.D
Acq: 28 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.2	141.6
145	34.0	17.3	52.0

