

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001641.D
 Acq On : 17 Feb 2020 13:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 13:49:34 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	7.81	168	220999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	388014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	349343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	164288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	120037	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
35) Dibromofluoromethane	7.74	113	112078	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
50) Toluene-d8	10.19	98	467080	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.49	95	171061	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	108826	50.517	ug/l	97
3) Chloromethane	2.13	50	134293	46.347	ug/l	98
4) Vinyl Chloride	2.26	62	140717	48.149	ug/l	100
5) Bromomethane	2.66	94	86384	47.294	ug/l	96
6) Chloroethane	2.81	64	82357	45.730	ug/l	95
7) Trichlorofluoromethane	3.14	101	173012	46.254	ug/l	98
8) Diethyl Ether	3.55	74	65648	44.520	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	109963	46.772	ug/l	99
10) Methyl Iodide	4.11	142	138823	48.247	ug/l	99
11) Tert butyl alcohol	4.99	59	64804	233.662	ug/l	98
12) 1,1-Dichloroethene	3.90	96	111481	46.492	ug/l	96
13) Acrolein	3.75	56	54550	227.214	ug/l	97
14) Allyl chloride	4.50	41	198917	46.612	ug/l	99
15) Acrylonitrile	5.19	53	171254	226.580	ug/l	100
16) Acetone	3.97	43	182823	222.270	ug/l	99
17) Carbon Disulfide	4.22	76	374067	46.726	ug/l	100
18) Methyl Acetate	4.50	43	77942	43.513	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	297721	44.595	ug/l	100
20) Methylene Chloride	4.74	84	121325	41.527	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	124265	45.422	ug/l	99
22) Diisopropyl ether	6.14	45	395481	45.126	ug/l	97
23) Vinyl Acetate	6.09	43	1312795	229.646	ug/l	98
24) 1,1-Dichloroethane	6.05	63	213562	45.593	ug/l	99
25) 2-Butanone	7.01	43	245747	219.934	ug/l	99
26) 2,2-Dichloropropane	7.01	77	185551	45.531	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	134831	44.649	ug/l	99
28) Bromochloromethane	7.36	49	105467	54.052	ug/l	99
29) Tetrahydrofuran	7.37	42	152207	225.371	ug/l	99
30) Chloroform	7.53	83	202997	44.353	ug/l	97
31) Cyclohexane	7.80	56	222813	44.614	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	179987	46.790	ug/l	99
36) 1,1-Dichloropropene	7.94	75	173304	46.759	ug/l	99
37) Ethyl Acetate	7.10	43	101556	45.909	ug/l	99
38) Carbon Tetrachloride	7.92	117	152795	46.935	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001641.D
 Acq On : 17 Feb 2020 13:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 13:49:34 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)
39) Methylcyclohexane	9.20	83	230879	46.955	ug/l	99
40) Benzene	8.18	78	507694	46.576	ug/l	99
41) Methacrylonitrile	7.36	41	135449	121.947	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	133657	45.008	ug/l	100
43) Isopropyl Acetate	8.29	43	193053	45.996	ug/l	100
44) Trichloroethene	8.96	130	125213	46.016	ug/l	98
45) 1,2-Dichloropropane	9.23	63	126627	46.385	ug/l	99
46) Dibromomethane	9.32	93	65417	45.815	ug/l	99
47) Bromodichloromethane	9.51	83	158759	46.070	ug/l	99
48) Methyl methacrylate	9.31	41	86786	45.720	ug/l	98
49) 1,4-Dioxane	9.31	88	18703	927.419	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	494905	229.499	ug/l	99
52) Toluene	10.25	92	314519	46.257	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	177614	46.622	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	205271	46.816	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	96251	45.716	ug/l	98
56) Ethyl methacrylate	10.52	69	147026	46.550	ug/l	98
57) 1,3-Dichloropropane	10.80	76	173438	46.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	286412	240.387	ug/l	100
59) 2-Hexanone	10.85	43	372142	229.998	ug/l	100
60) Dibromochloromethane	10.99	129	106744	45.986	ug/l	100
61) 1,2-Dibromoethane	11.10	107	93980	47.209	ug/l	99
64) Tetrachloroethene	10.73	164	98503	44.916	ug/l	98
65) Chlorobenzene	11.52	112	319929	45.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	108702	46.202	ug/l	99
67) Ethyl Benzene	11.60	91	608052	46.979	ug/l	100
68) m/p-Xylenes	11.71	106	450805	93.240	ug/l	100
69) o-Xylene	12.03	106	212458	46.222	ug/l	98
70) Styrene	12.05	104	375656	47.025	ug/l	99
71) Bromoform	12.22	173	63175	46.986	ug/l #	100
73) Isopropylbenzene	12.34	105	577178	46.116	ug/l	99
74) N-amyl acetate	12.15	43	182300	45.640	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	124879	46.730	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	161010	85.435	ug/l #	100
77) Bromobenzene	12.61	156	122672	45.213	ug/l	99
78) n-propylbenzene	12.67	91	715291	46.926	ug/l	100
79) 2-Chlorotoluene	12.76	91	399954	46.782	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	486507	46.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47042	47.356	ug/l #	85
82) 4-Chlorotoluene	12.86	91	420831	46.671	ug/l	99
83) tert-Butylbenzene	13.08	119	413050	47.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	481093	46.578	ug/l	100
85) sec-Butylbenzene	13.26	105	601853	47.226	ug/l	100
86) p-Isopropyltoluene	13.38	119	520202	46.987	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	239528	45.521	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	244128	45.897	ug/l	100
89) n-Butylbenzene	13.70	91	535755	47.359	ug/l	99
90) Hexachloroethane	13.97	117	96936	46.472	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	220970	45.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20586	46.677	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001641.D
Acq On : 17 Feb 2020 13:03
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 17 13:49:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

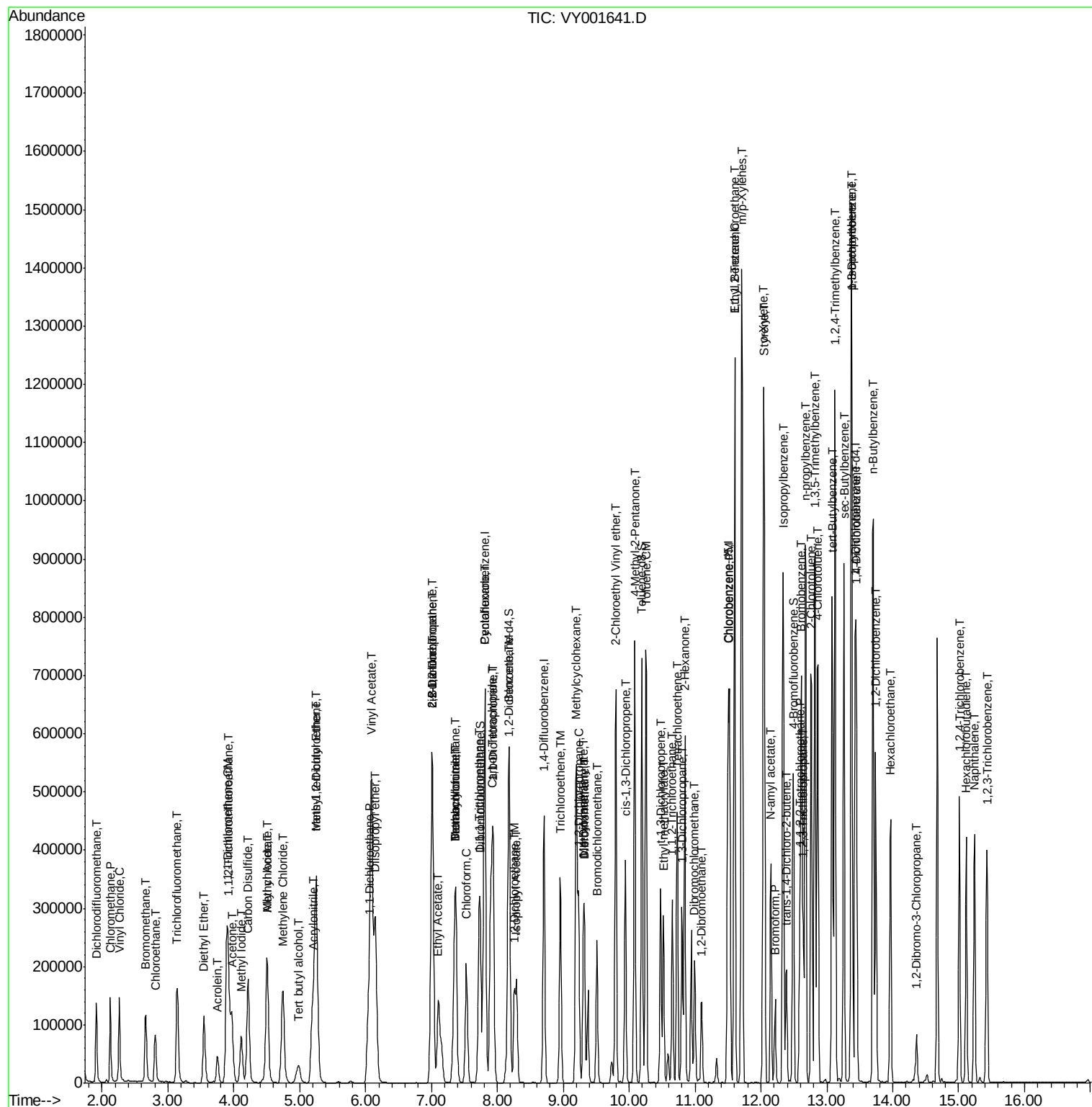
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	142813	44.380	ug/l	99
94) Hexachlorobutadiene	15.12	225	69698	43.551	ug/l	97
95) Naphthalene	15.24	128	342278	46.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	125812	44.440	ug/l	100

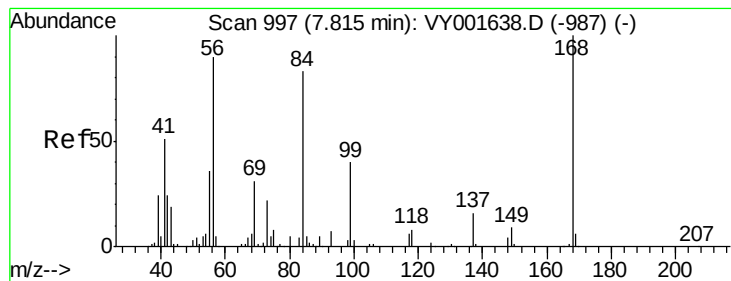
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001641.D
 Acq On : 17 Feb 2020 13:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 13:49:34 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

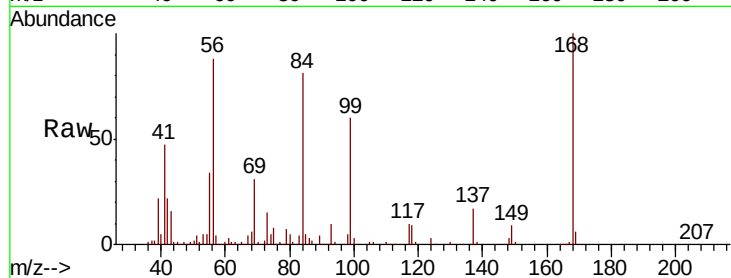
ClientSampleId :

Tot Ion:168 Resp: 220999

Ion Ratio Lower Upper

168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

100000

80000

60000

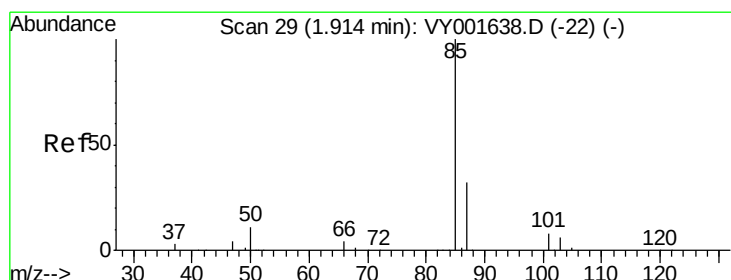
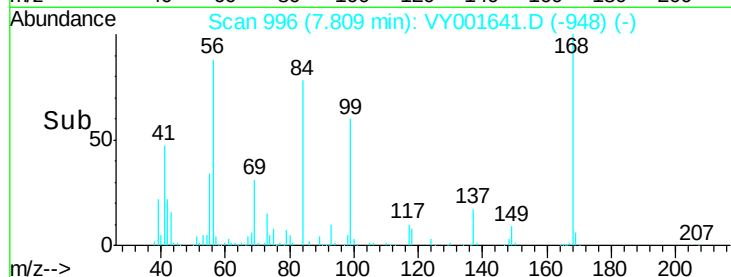
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.517 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001641.D

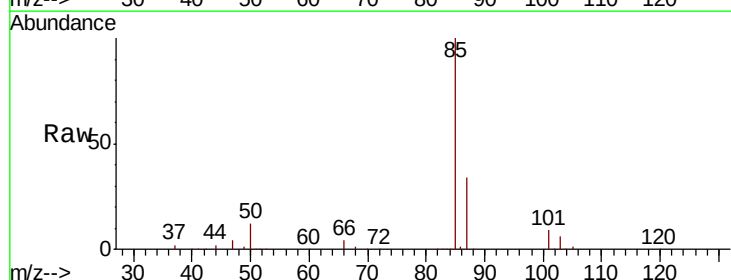
Acq: 17 Feb 2020 13:03

Tgt Ion: 85 Resp: 108826

Ion Ratio Lower Upper

85 100

87 34.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

80000

60000

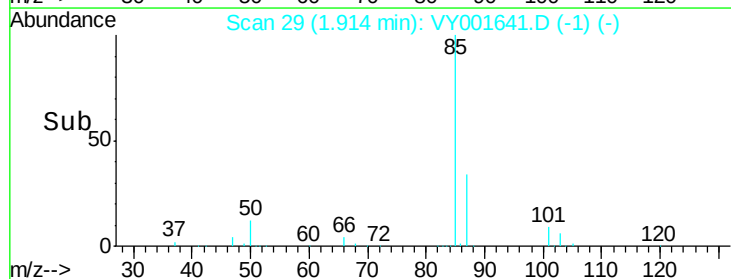
40000

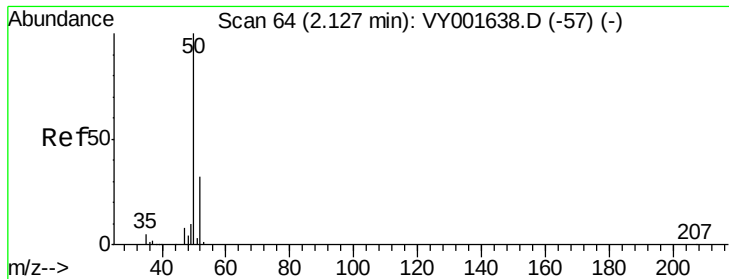
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.347 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

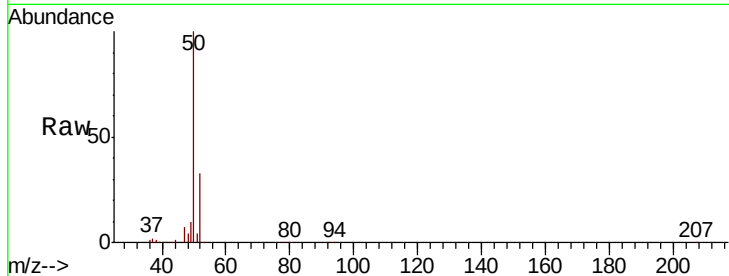
ClientSampleId :

Tot Ion: 50 Resp: 134293

Ion Ratio Lower Upper

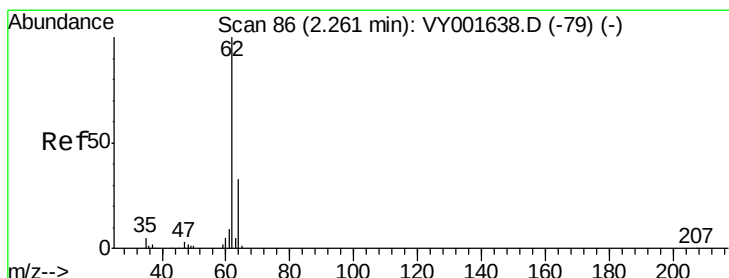
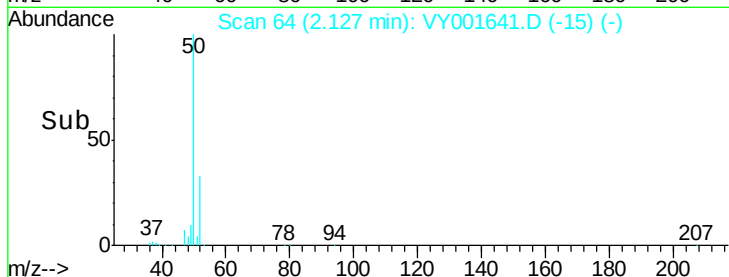
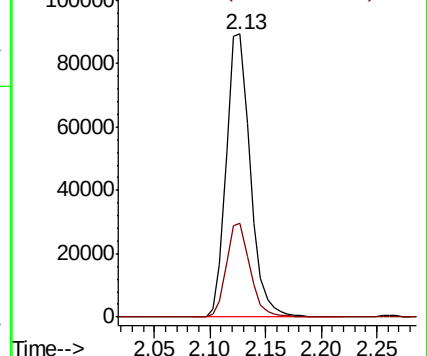
50 100

52 33.3 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: 48.149 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY001641.D

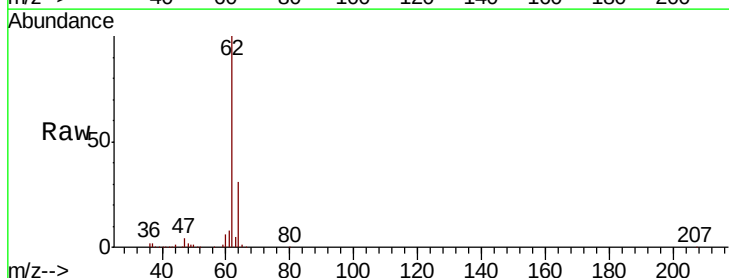
Acq: 17 Feb 2020 13:03

Tgt Ion: 62 Resp: 140717

Ion Ratio Lower Upper

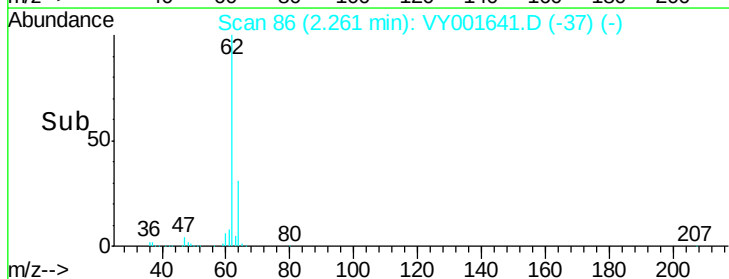
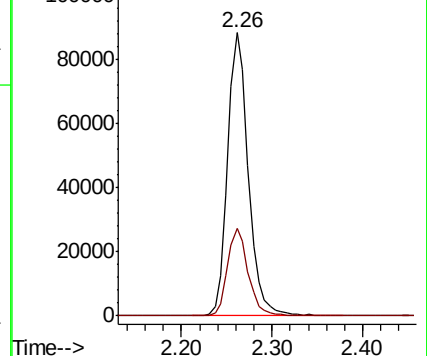
62 100

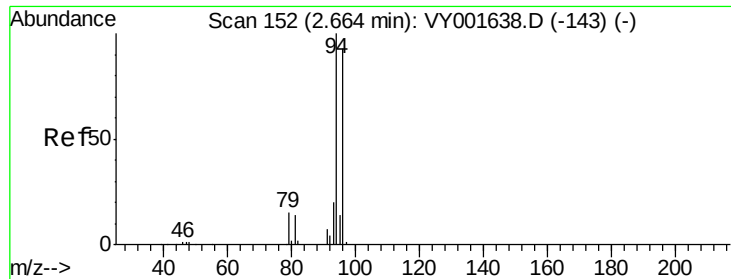
64 31.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.294 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

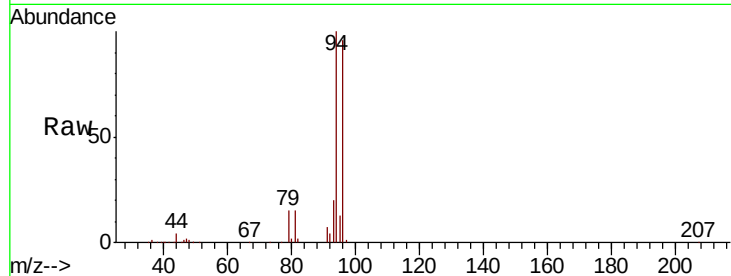
ClientSampleId :

Tot Ion: 94 Resp: 86384

Ion Ratio Lower Upper

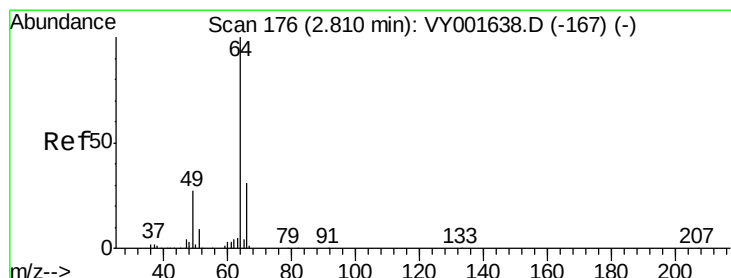
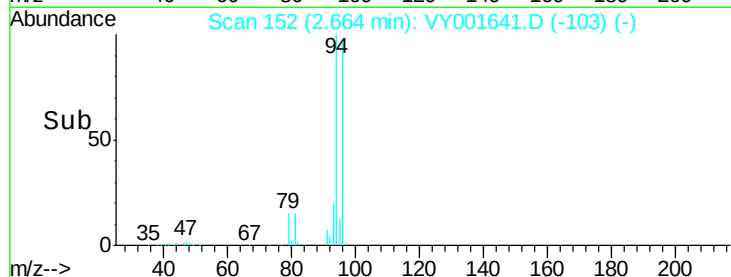
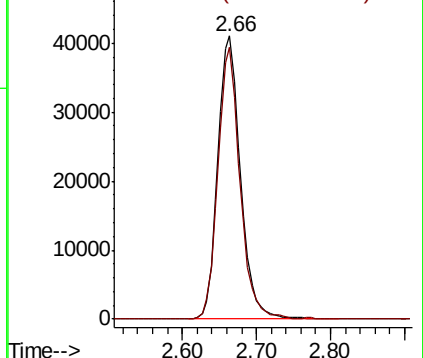
94 100

96 95.9 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: 45.730 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001641.D

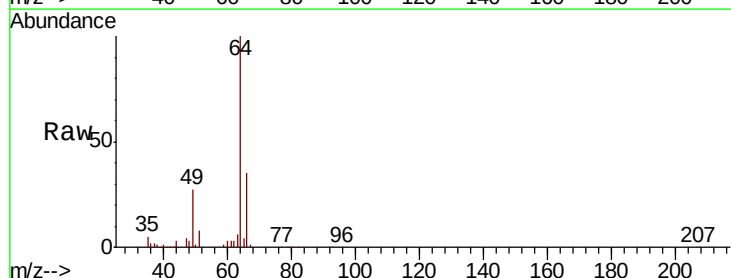
Acq: 17 Feb 2020 13:03

Tgt Ion: 64 Resp: 82357

Ion Ratio Lower Upper

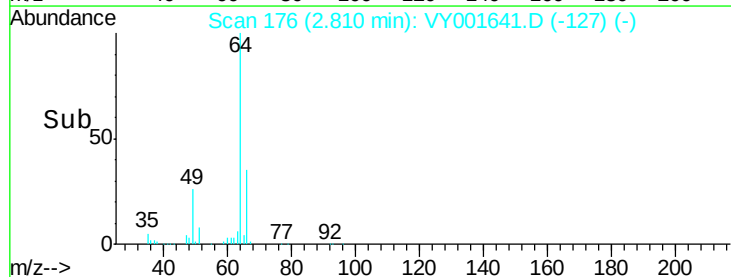
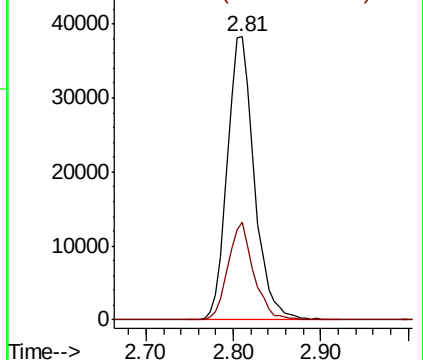
64 100

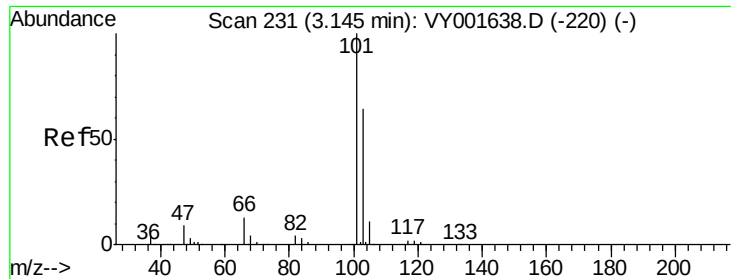
66 34.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



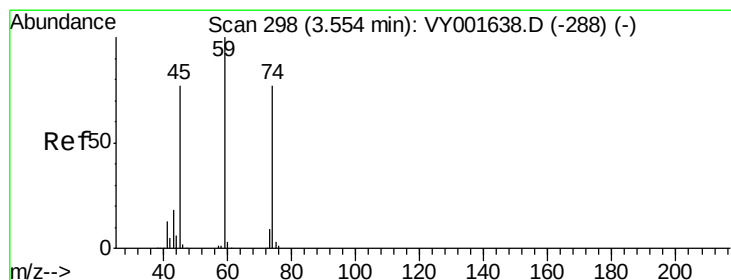
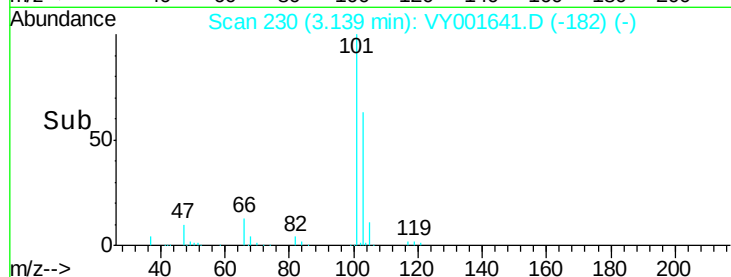
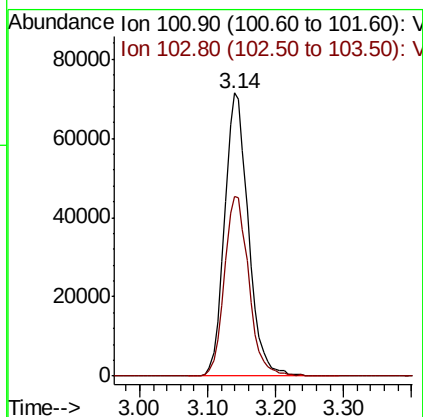
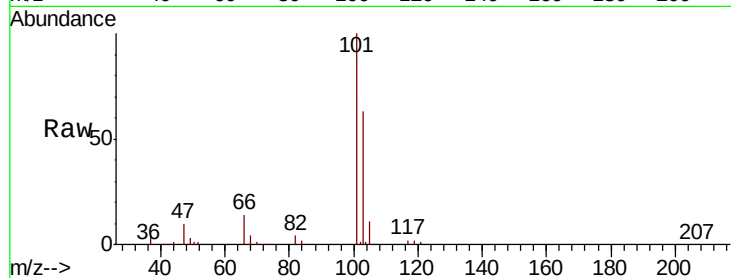


#7

Trichlorofluoromethane
 Concen: 46.254 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

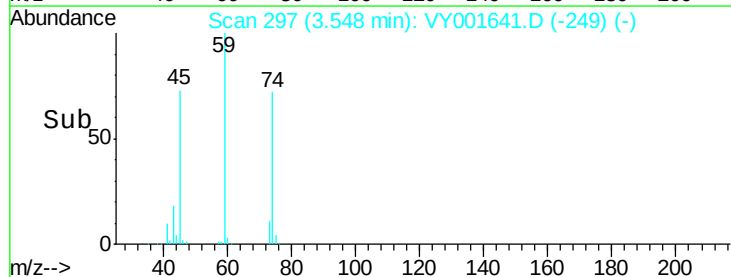
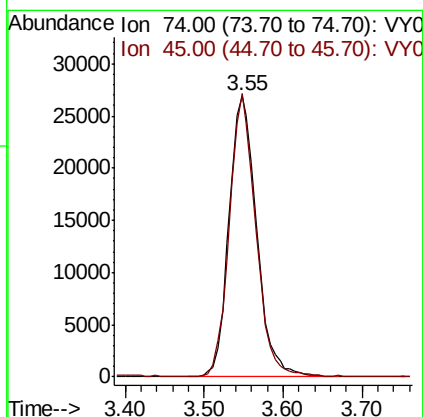
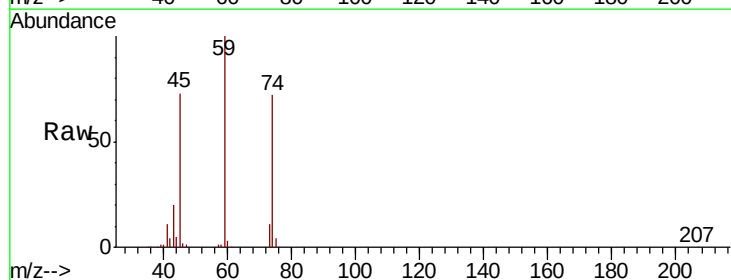
Tot Ion:101 Resp: 173012
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.2 78.2

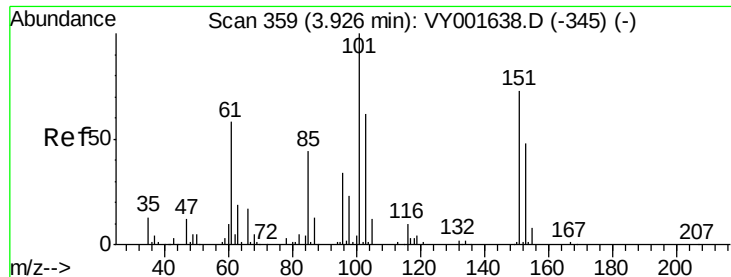


#8

Diethyl Ether
 Concen: 44.520 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 74 Resp: 65648
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.772 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

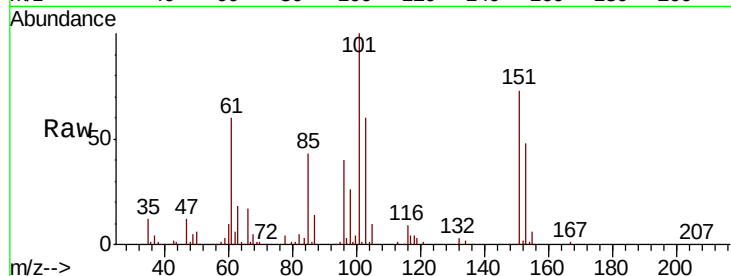
Tot Ion:101 Resp: 109963

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

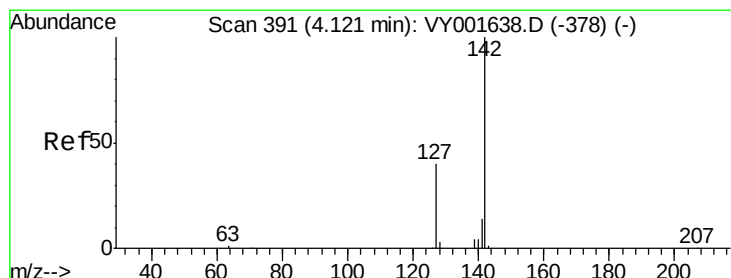
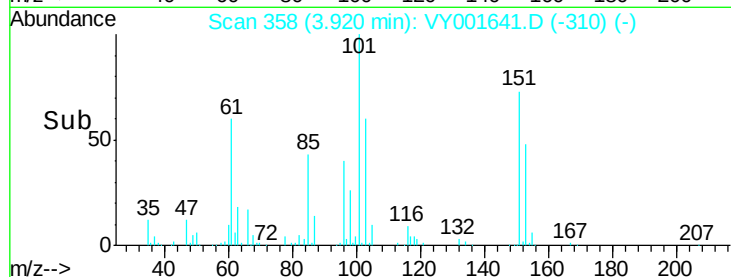
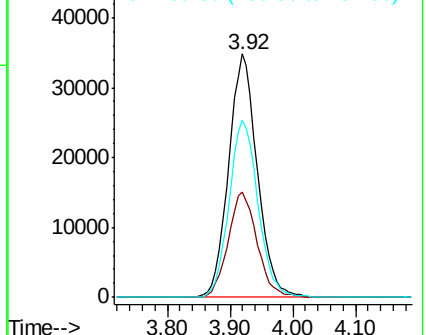
151 73.7 58.4 87.6



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: 48.247 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

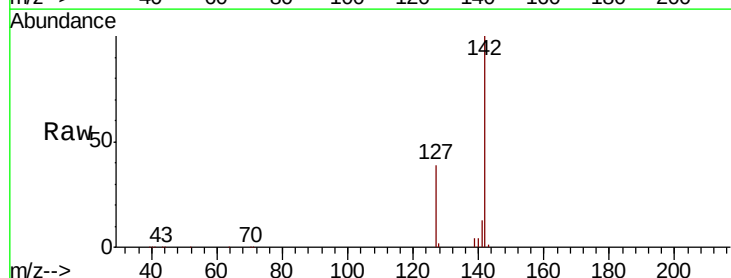
Tgt Ion:142 Resp: 138823

Ion Ratio Lower Upper

142 100

127 40.6 32.1 48.1

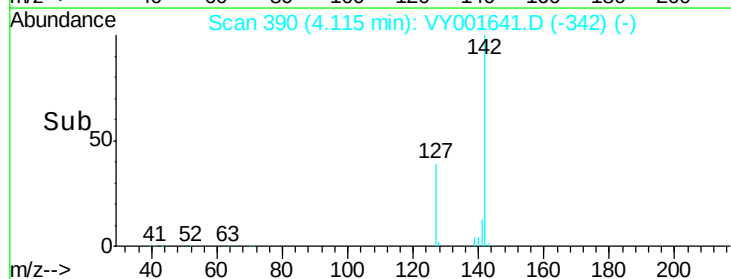
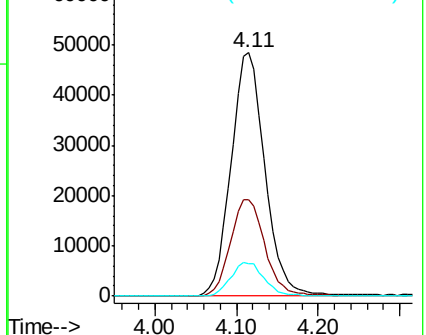
141 13.9 11.3 16.9

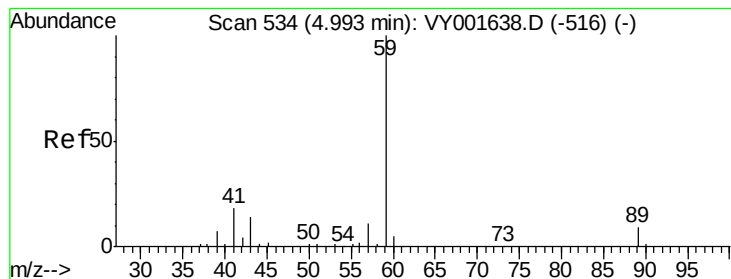


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



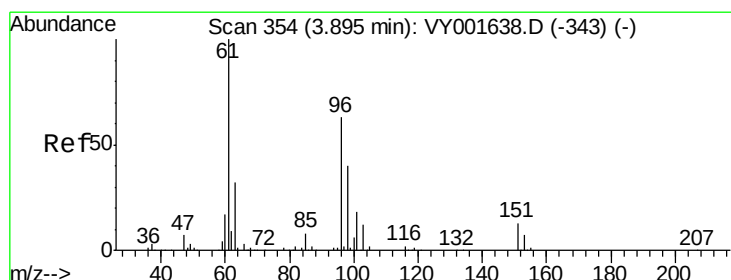
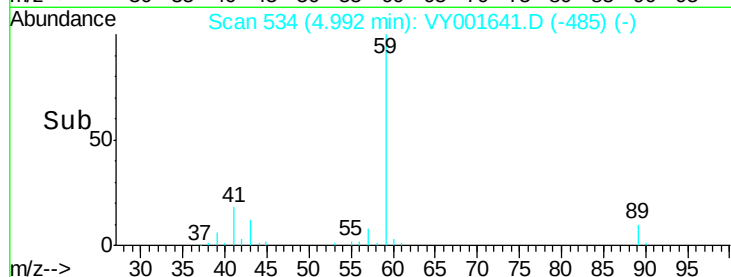
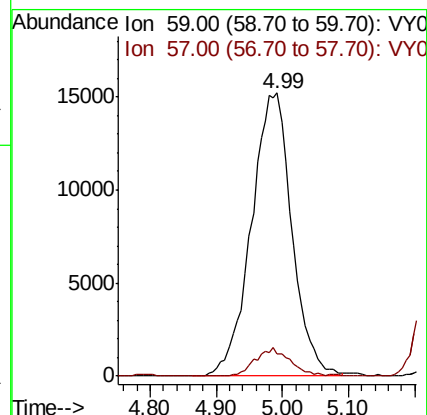
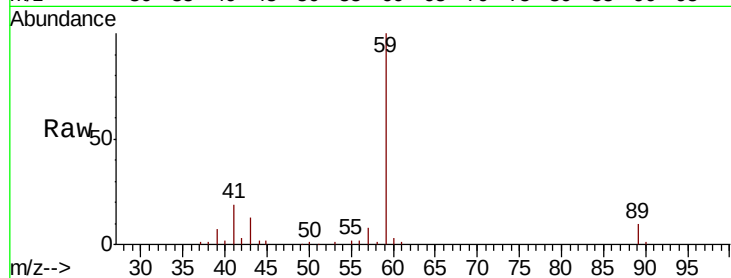


#11

Tert butyl alcohol
 Concen: 233.662 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

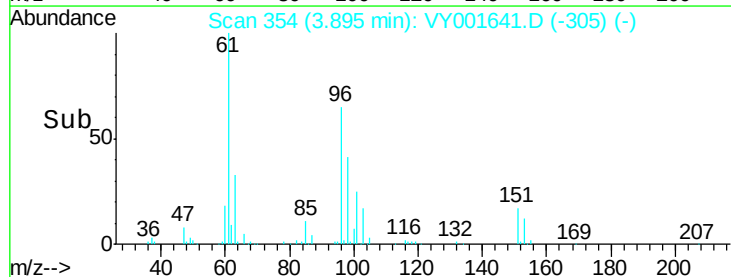
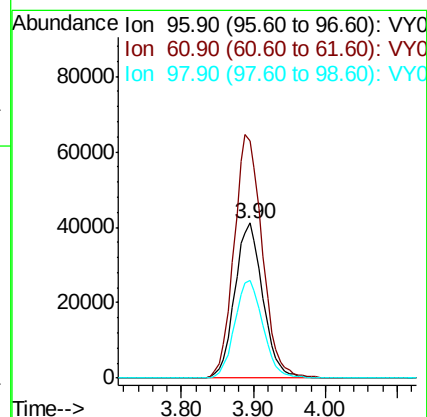
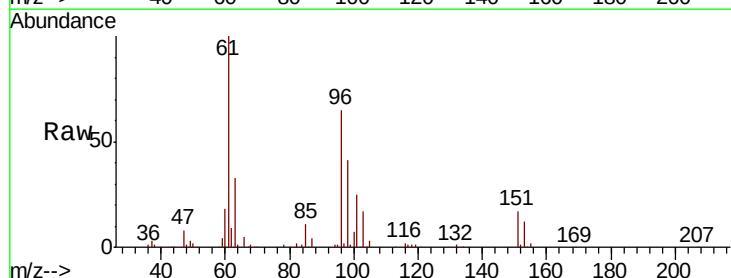
Tot Ion: 59 Resp: 64804
 Ion Ratio Lower Upper
 59 100
 57 8.5 7.4 11.2

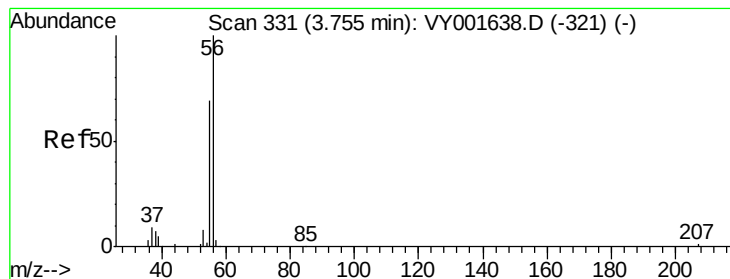


#12

1,1-Dichloroethene
 Concen: 46.492 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 96 Resp: 111481
 Ion Ratio Lower Upper
 96 100
 61 153.2 128.7 193.1
 98 63.4 50.7 76.1





#13

Acrolein

Concen: 227.214 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

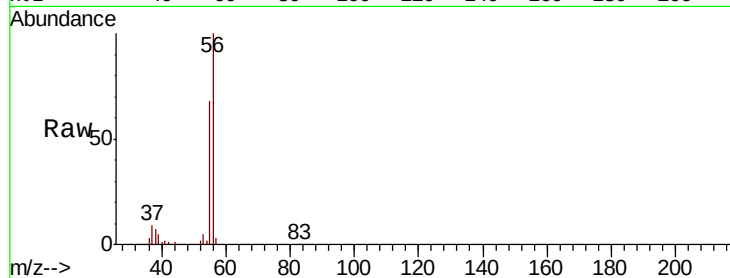
ClientSampleId :

Tot Ion: 56 Resp: 54550

Ion Ratio Lower Upper

56 100

55 72.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

10000

5000

0

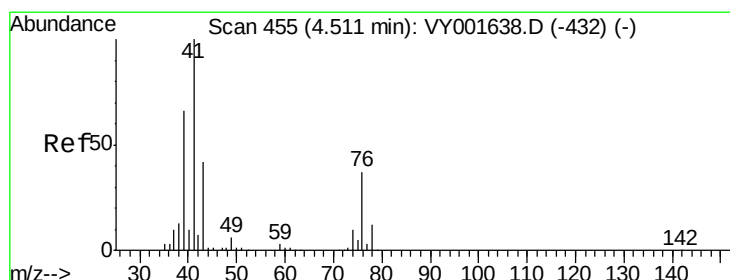
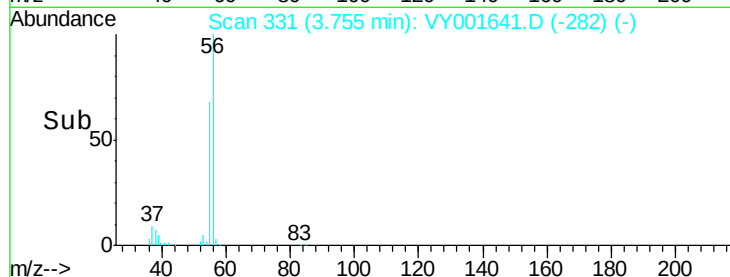
Time-->

3.60

3.70

3.80

3.90



#14

Allyl chloride

Concen: 46.612 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

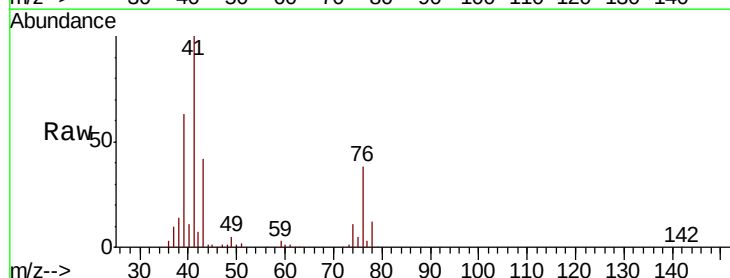
Tgt Ion: 41 Resp: 198917

Ion Ratio Lower Upper

41 100

39 62.1 49.4 74.0

76 35.9 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

80000

60000

40000

20000

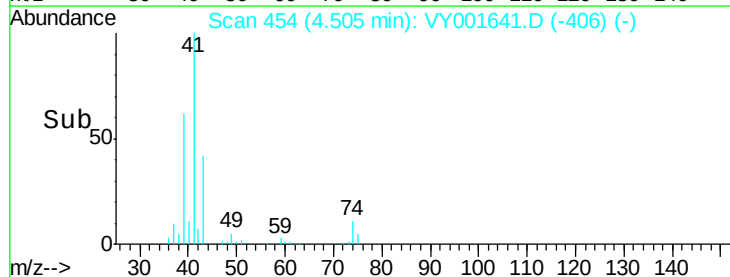
0

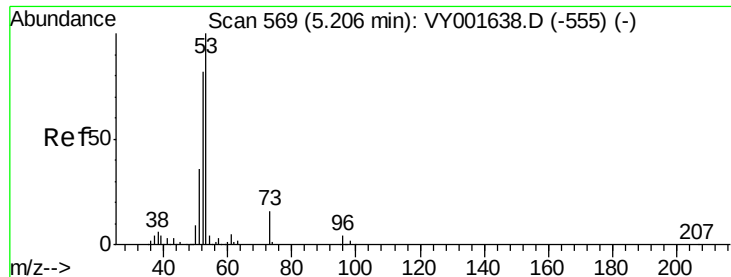
Time-->

4.40

4.50

4.60





#15

Acrylonitrile

Concen: 226.580 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

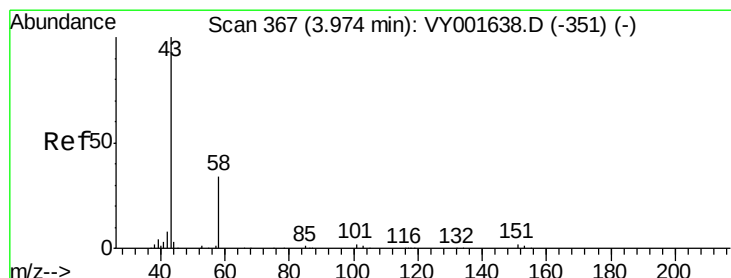
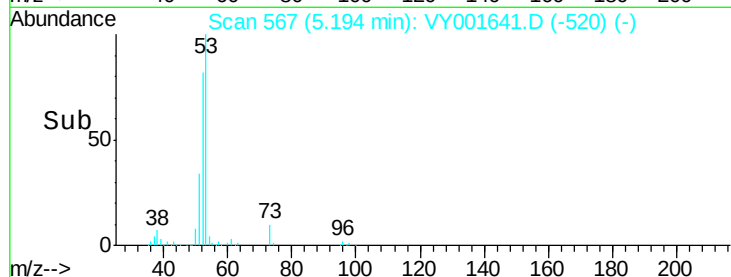
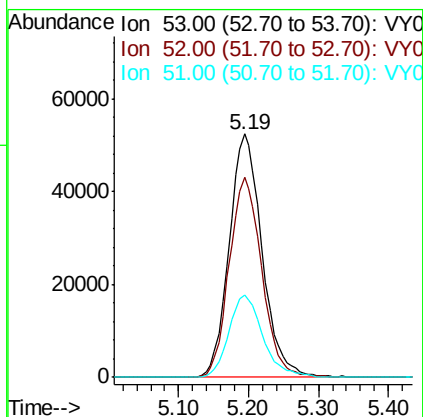
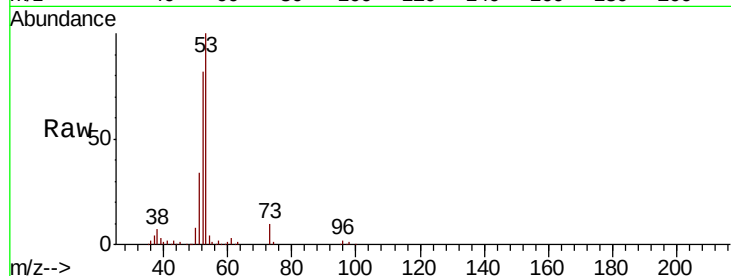
Tot Ion: 53 Resp: 171254

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.0

51 35.0 28.0 42.0



#16

Acetone

Concen: 222.270 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001641.D

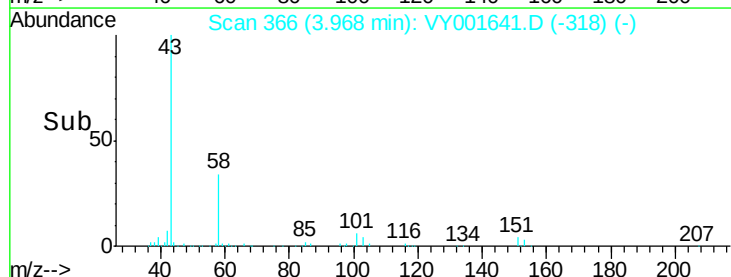
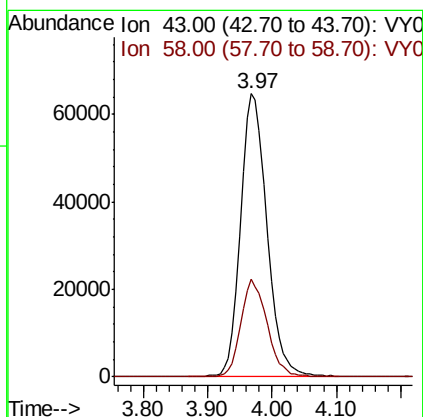
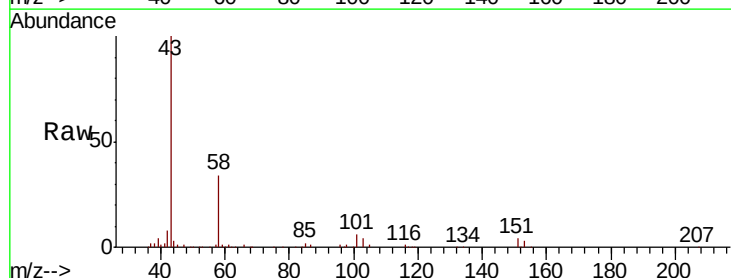
Acq: 17 Feb 2020 13:03

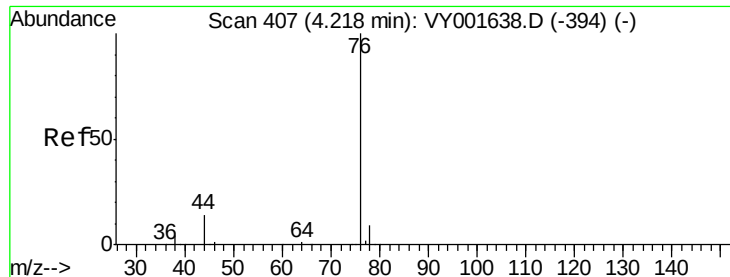
Tgt Ion: 43 Resp: 182823

Ion Ratio Lower Upper

43 100

58 34.4 27.3 40.9





#17

Carbon Disulfide

Concen: 46.726 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

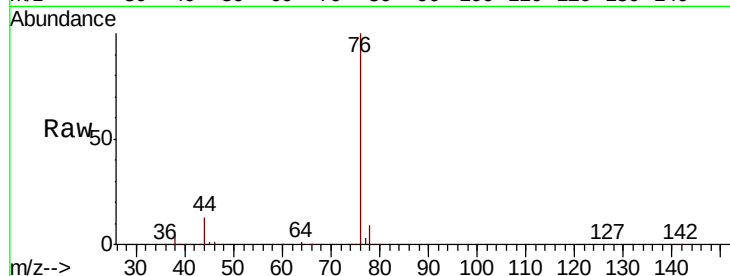
ClientSampleId :

Tot Ion: 76 Resp: 374067

Ion Ratio Lower Upper

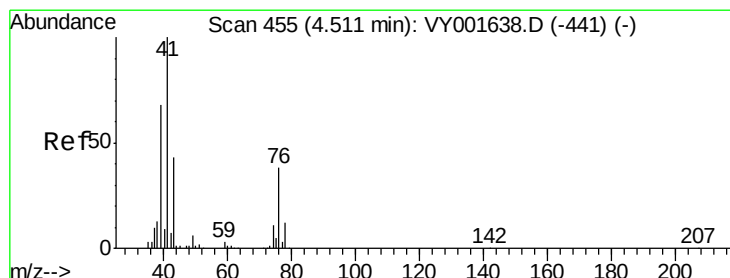
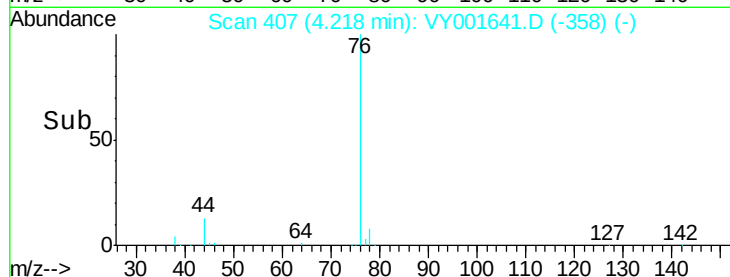
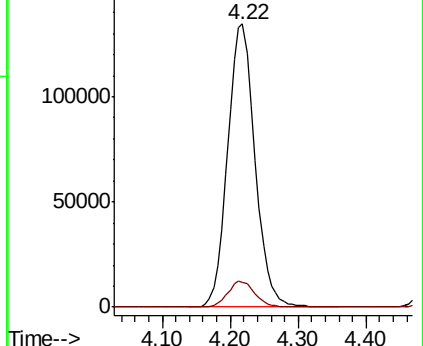
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY001641.D (-358) (-)

Ion 77.90 (77.60 to 78.60): VY001641.D (-358) (-)



#18

Methyl Acetate

Concen: 43.513 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001641.D

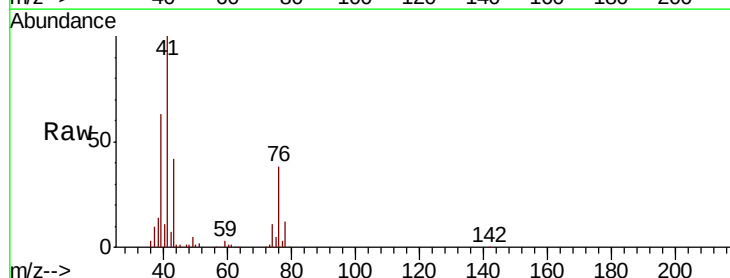
Acq: 17 Feb 2020 13:03

Tgt Ion: 43 Resp: 77942

Ion Ratio Lower Upper

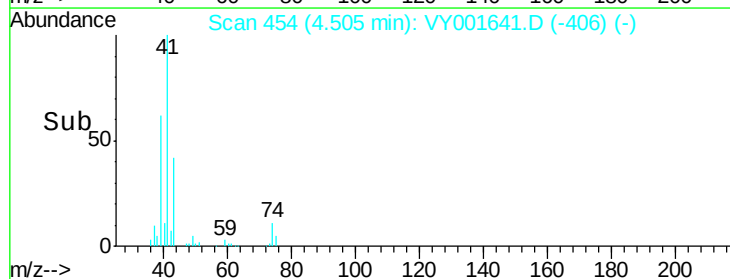
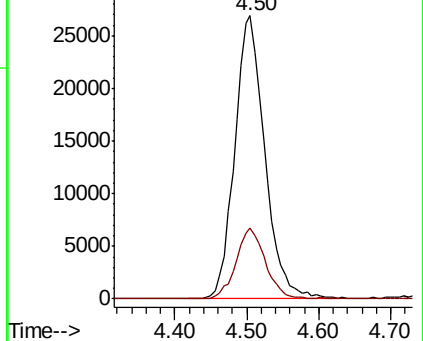
43 100

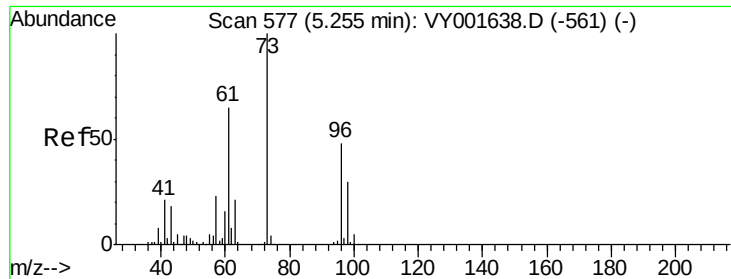
74 24.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY001641.D (-406) (-)

Ion 74.00 (73.70 to 74.70): VY001641.D (-406) (-)

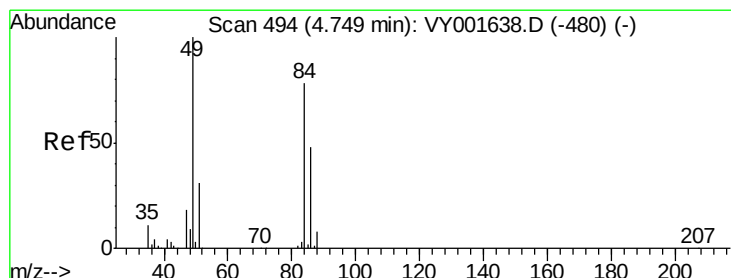
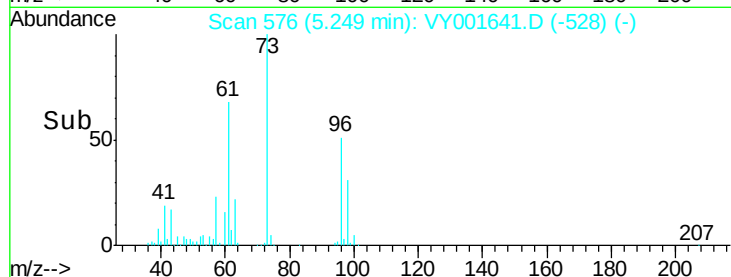
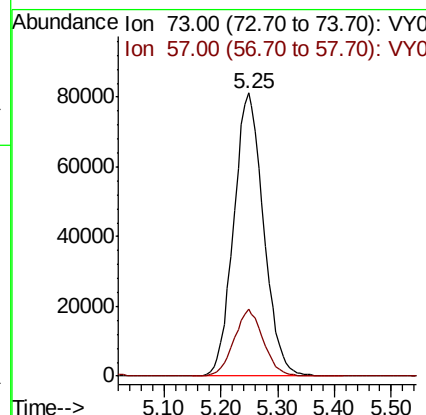
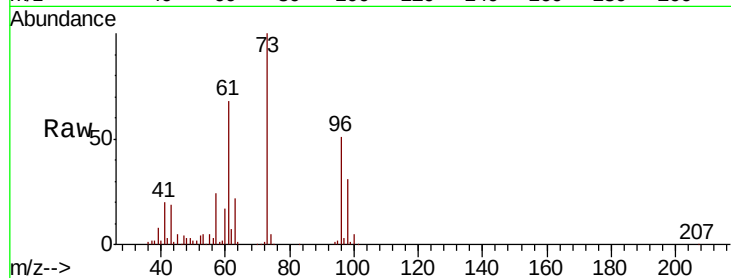




#19
Methyl tert-butyl Ether
Concen: 44.595 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

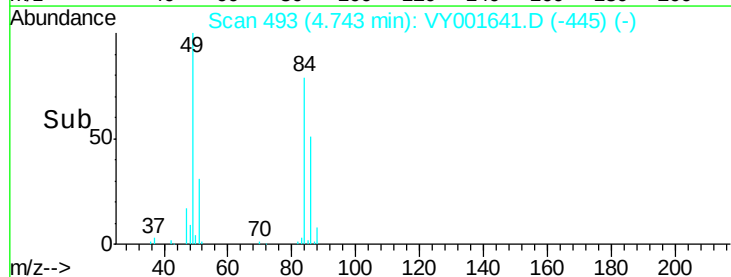
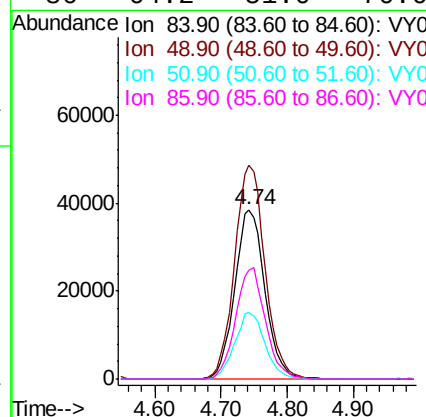
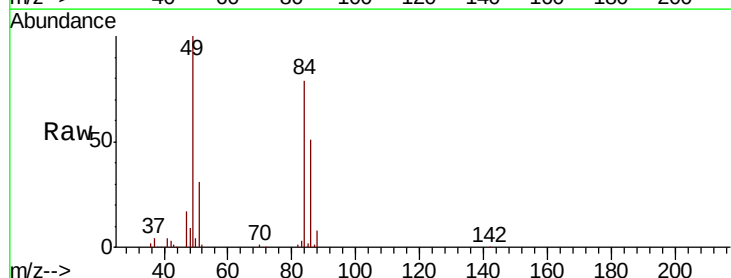
Instrument :
MSVOA_Y
ClientSampled :

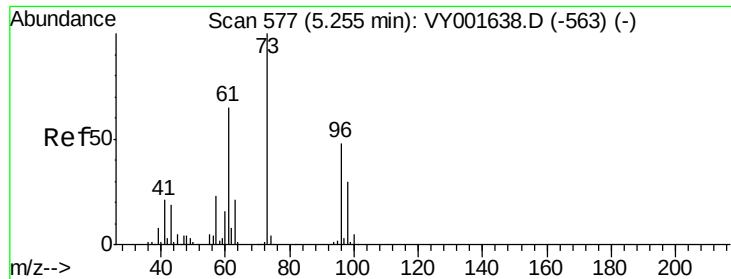
Tot Ion: 73 Resp: 297721
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



#20
Methylene Chloride
Concen: 41.527 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 84 Resp: 121325
Ion Ratio Lower Upper
84 100
49 126.4 99.2 148.8
51 39.0 31.5 47.3
86 64.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.422 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

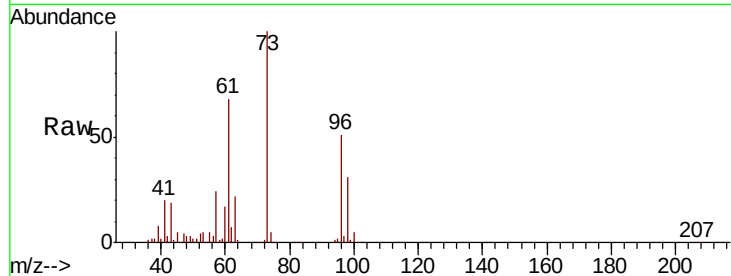
Tot Ion: 96 Resp: 124265

Ion Ratio Lower Upper

96 100

61 133.4 107.9 161.9

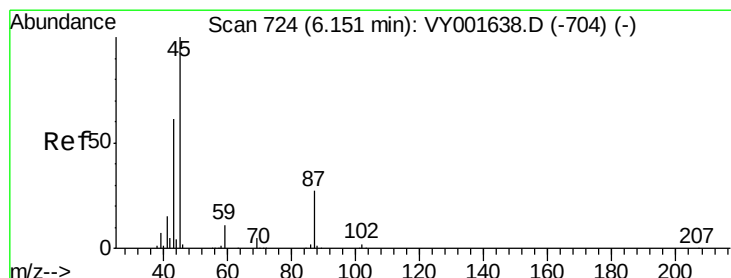
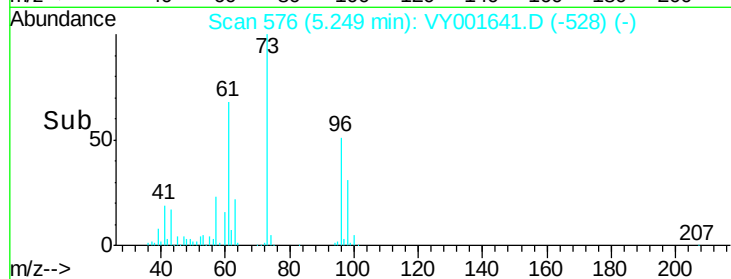
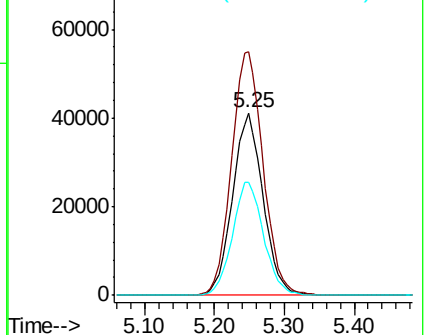
98 61.8 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001641.D (-528) (-)

Ion 60.90 (60.60 to 61.60): VY001641.D (-528) (-)

Ion 97.90 (97.60 to 98.60): VY001641.D (-528) (-)



#22

Diisopropyl ether

Concen: 45.126 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Tgt Ion: 45 Resp: 395481

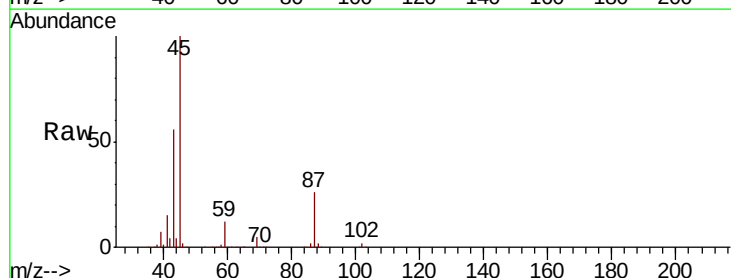
Ion Ratio Lower Upper

45 100

43 56.0 46.4 69.6

87 25.6 22.1 33.1

59 12.0 9.4 14.0

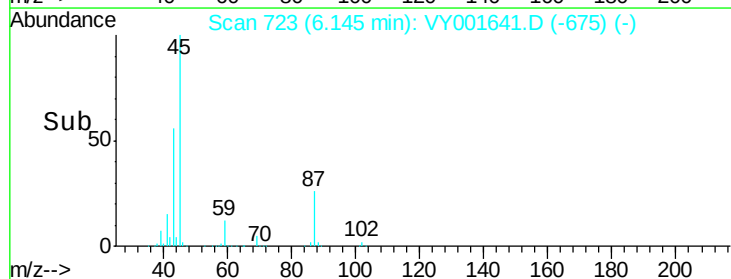
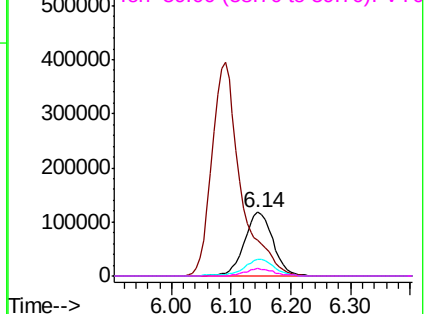


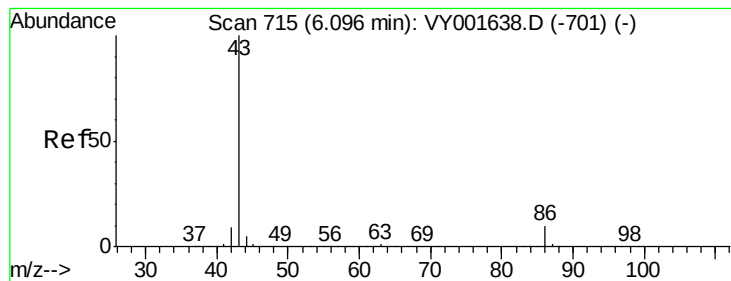
Abundance Ion 45.00 (44.70 to 45.70): VY001641.D (-675) (-)

Ion 43.00 (42.70 to 43.70): VY001641.D (-675) (-)

Ion 87.00 (86.70 to 87.70): VY001641.D (-675) (-)

Ion 59.00 (58.70 to 59.70): VY001641.D (-675) (-)





#23

Vinyl Acetate

Concen: 229.646 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

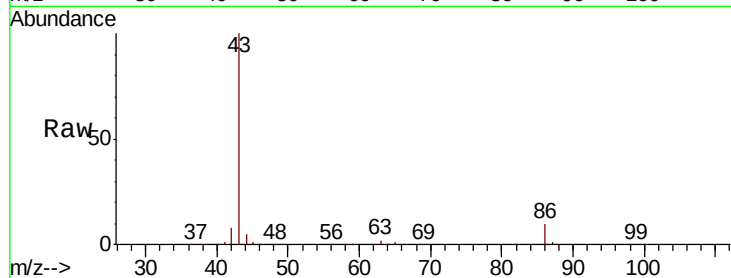
ClientSampleId :

Tot Ion: 43 Resp: 1312795

Ion Ratio Lower Upper

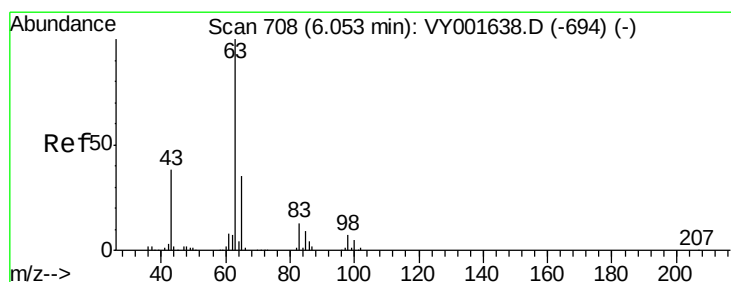
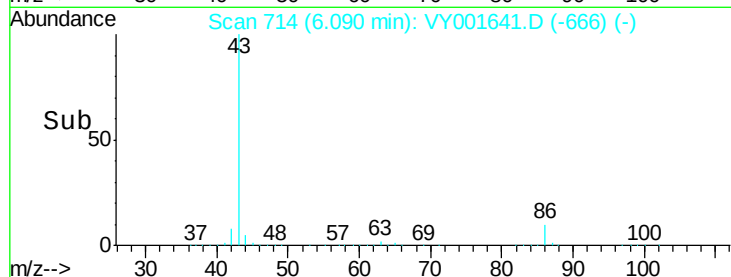
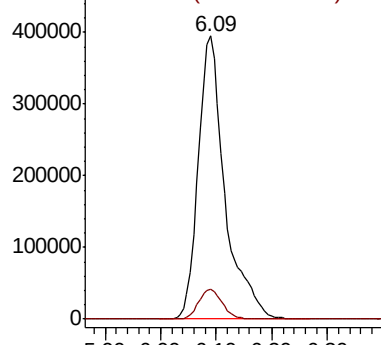
43 100

86 10.4 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: 45.593 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

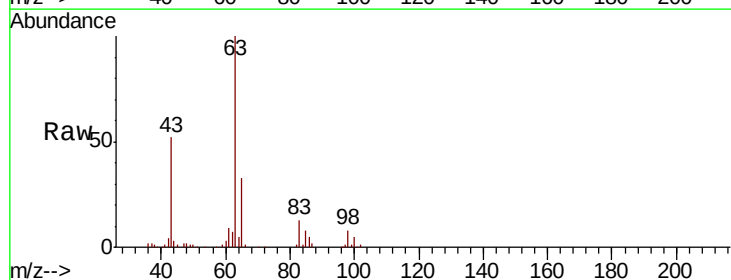
Tgt Ion: 63 Resp: 213562

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

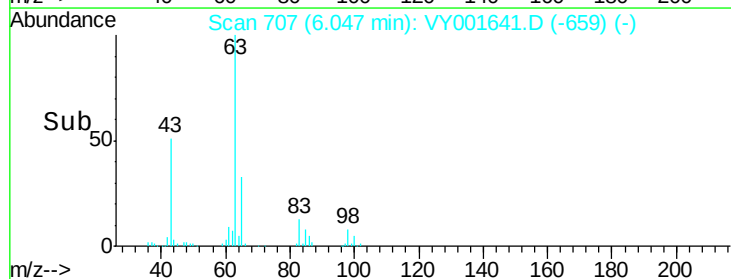
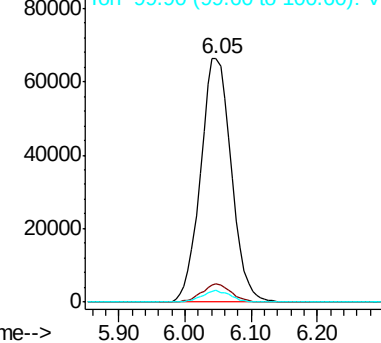
100 4.8 2.3 6.9

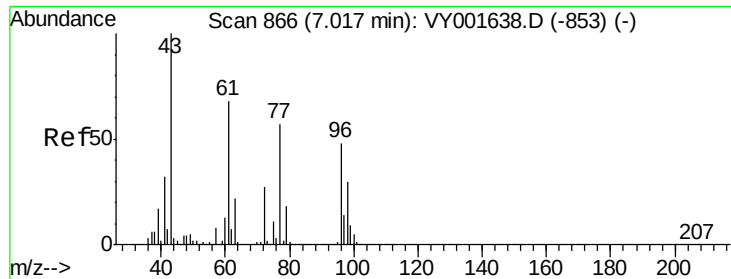


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

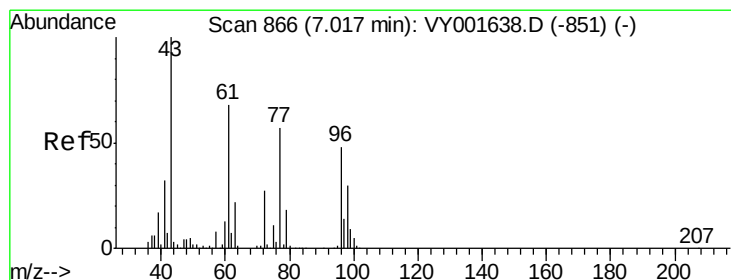
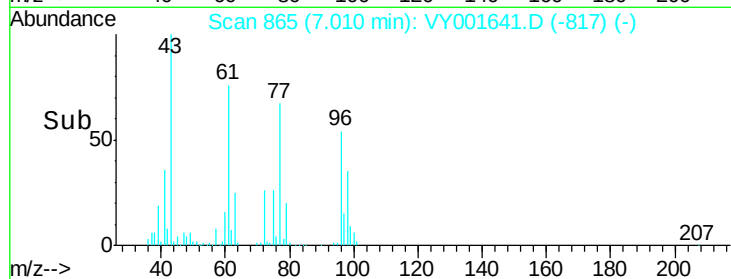
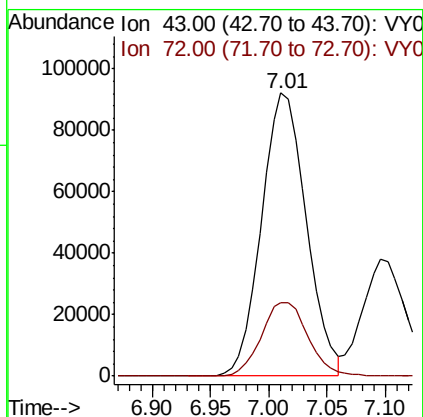
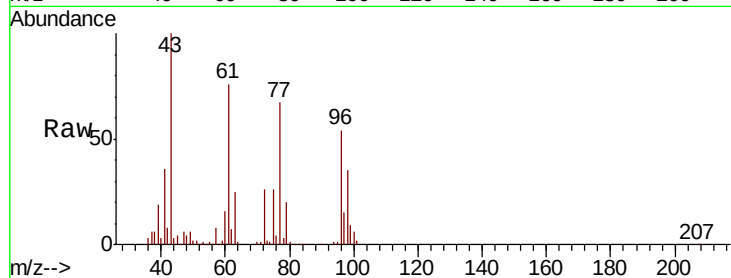




#25
2-Butanone
Concen: 219.934 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

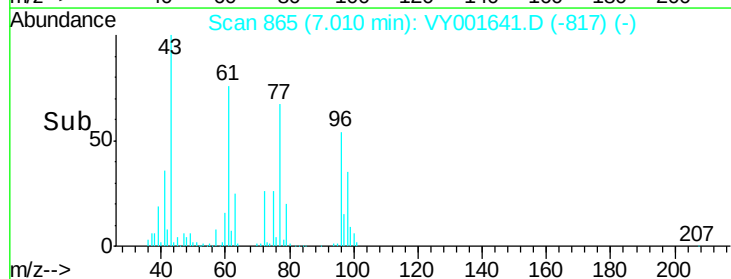
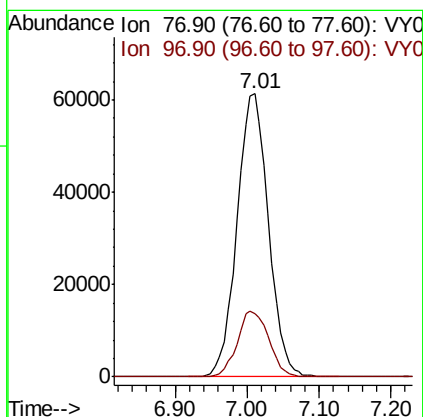
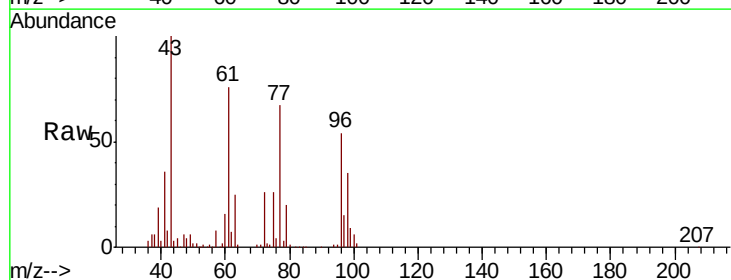
Instrument :
MSVOA_Y
ClientSampled :

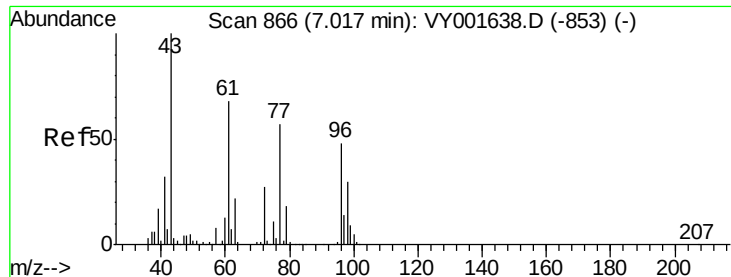
Tot Ion: 43 Resp: 245747
Ion Ratio Lower Upper
43 100
72 26.1 21.2 31.8



#26
2,2-Dichloropropane
Concen: 45.531 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 77 Resp: 185551
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4



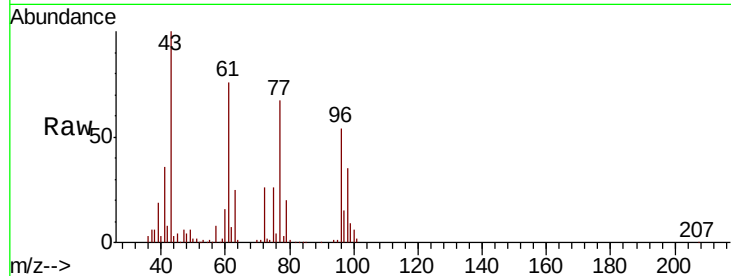


#27

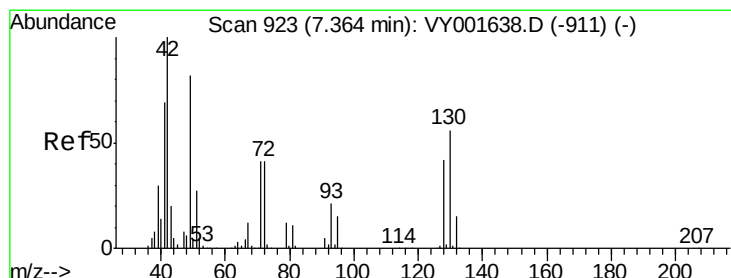
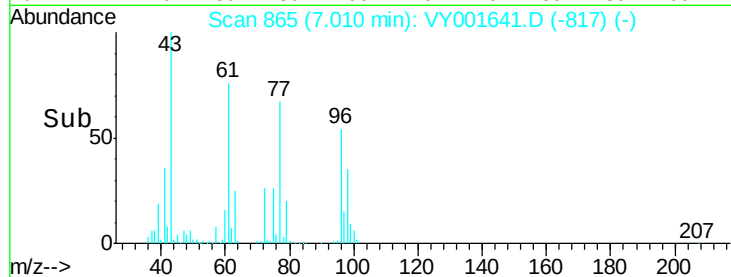
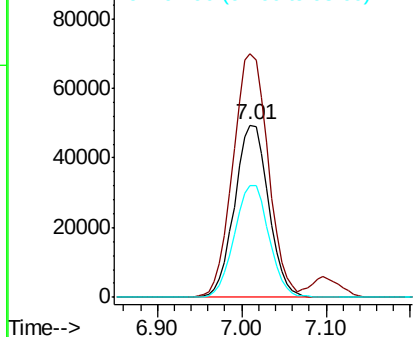
cis-1,2-Dichloroethene
Concen: 44.649 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	290.8
98	66.0	0.0	128.6



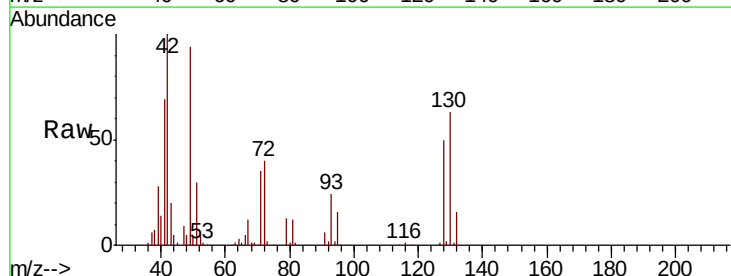
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



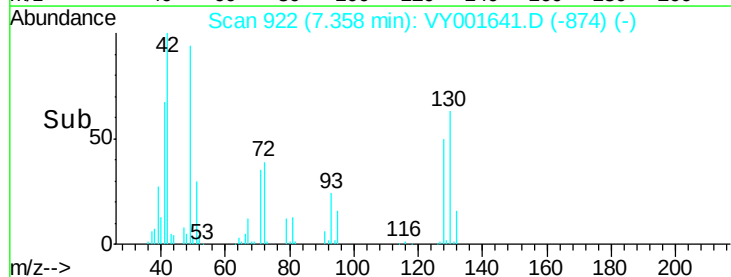
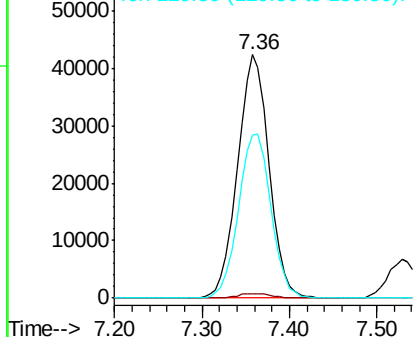
#28

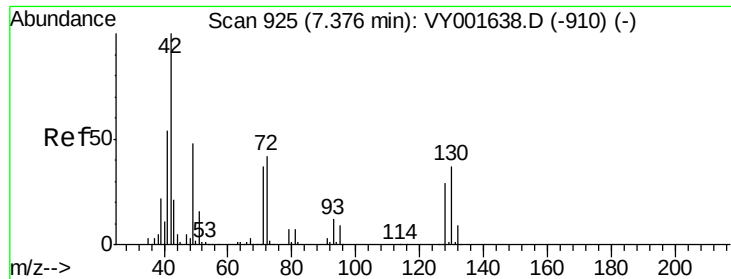
Bromochloromethane
Concen: 54.052 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	69.8	56.2	84.4



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

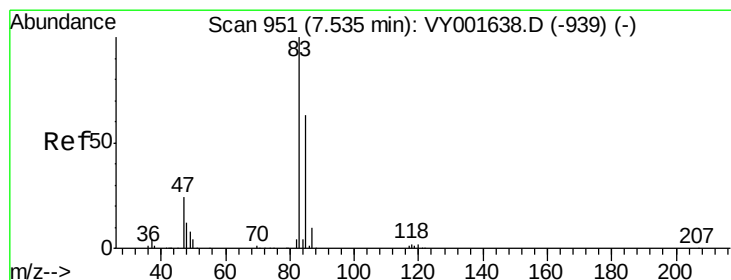
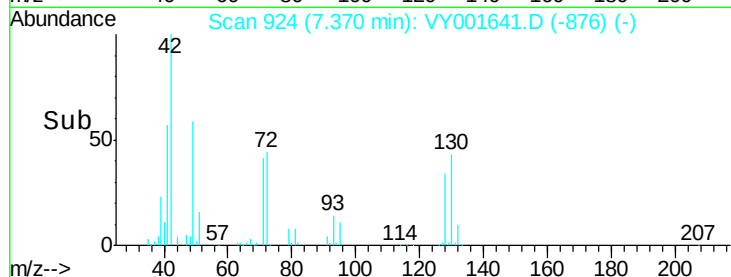
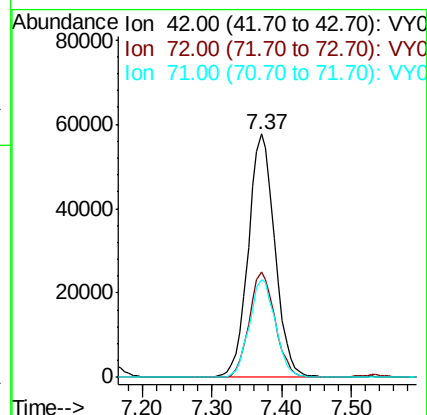
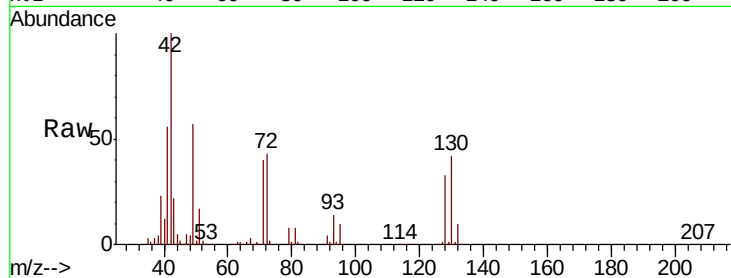




#29
Tetrahydrofuran
Concen: 225.371 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

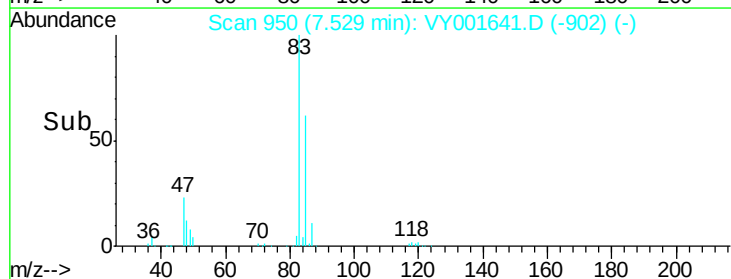
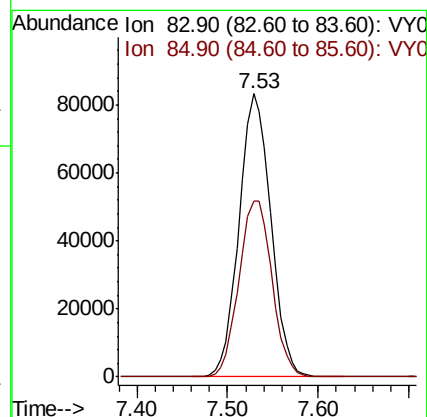
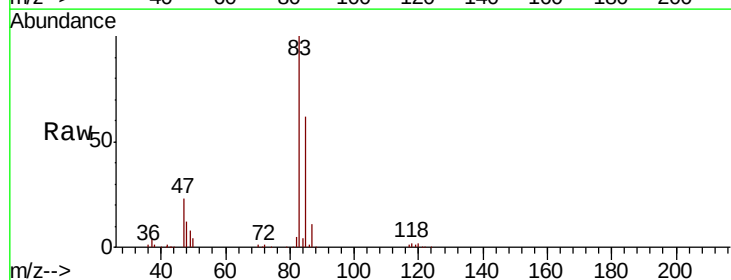
Instrument :
MSVOA_Y
ClientSampled :

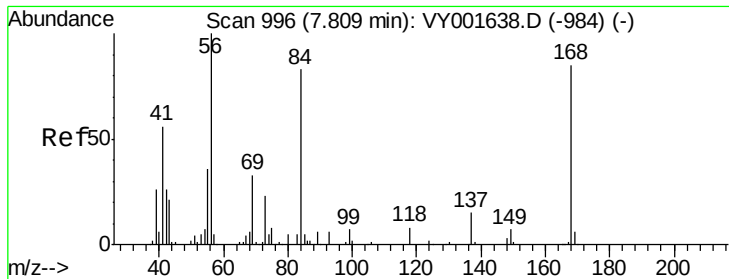
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.4	51.6
71	39.3	31.8	47.8



#30
Chloroform
Concen: 44.353 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.6	77.4

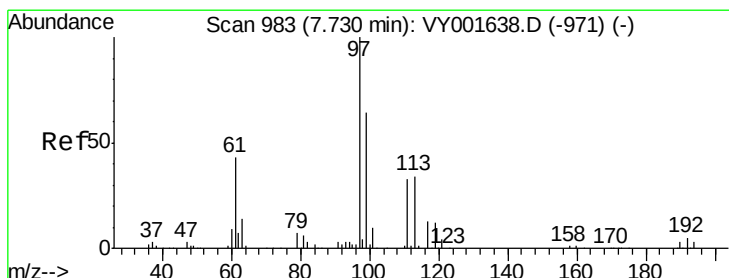
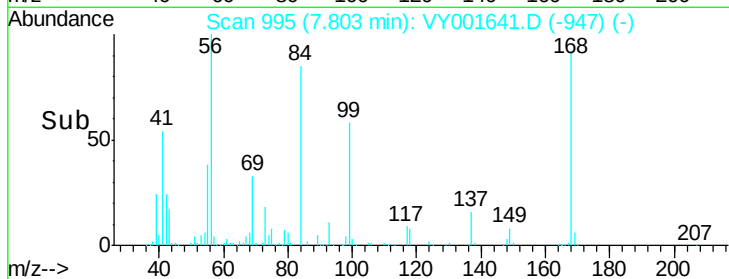
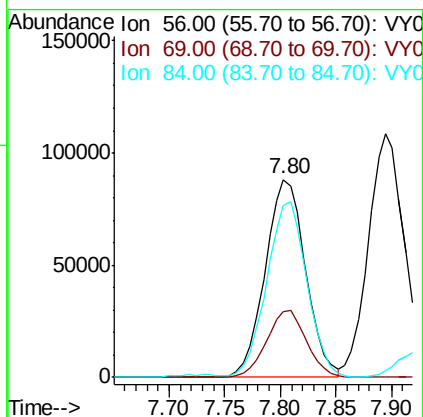
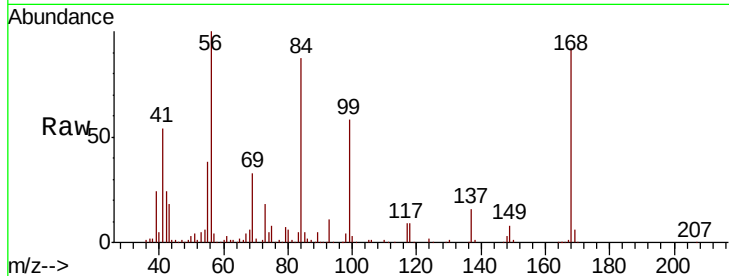




#31
Cyclohexane
Concen: 44.614 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

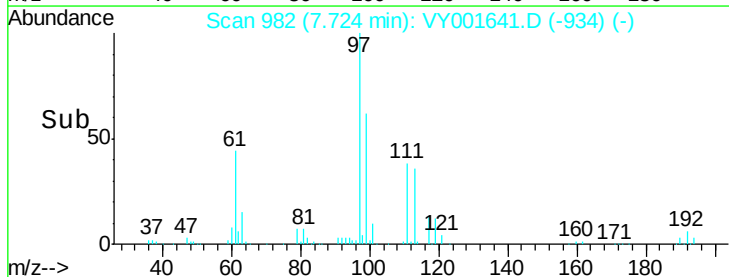
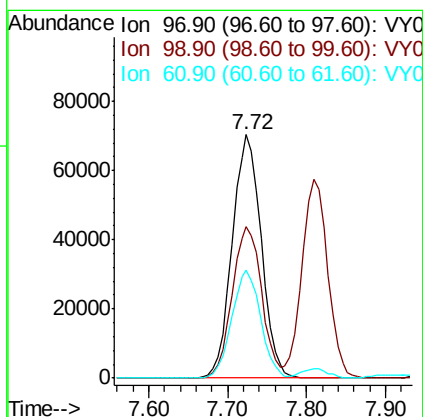
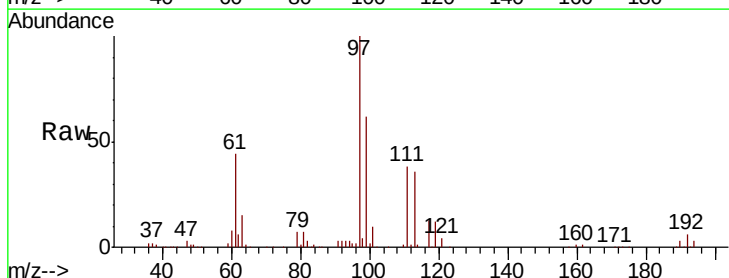
Instrument :
MSVOA_Y
ClientSampled :

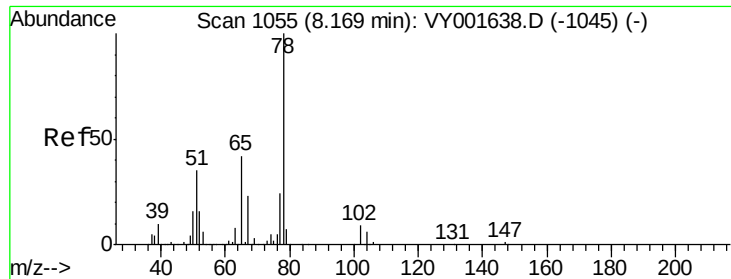
Tot Ion: 56 Resp: 222813
Ion Ratio Lower Upper
56 100
69 32.9 25.1 37.7
84 85.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 46.790 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 97 Resp: 179987
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 43.9 35.0 52.6

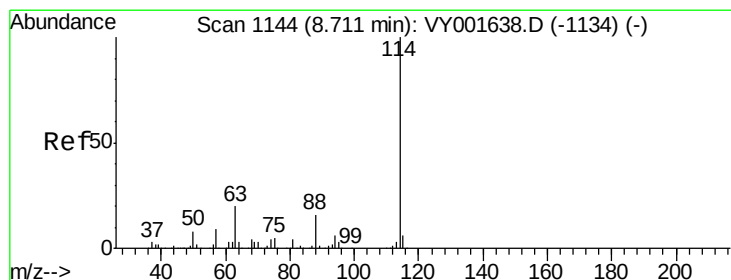
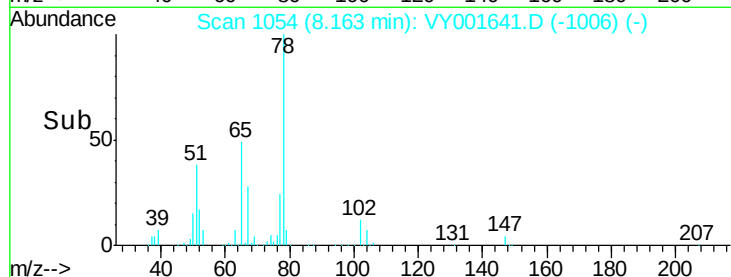
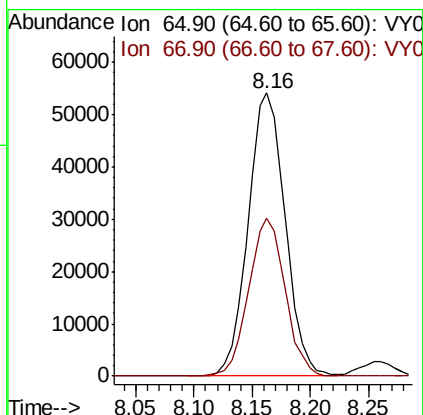
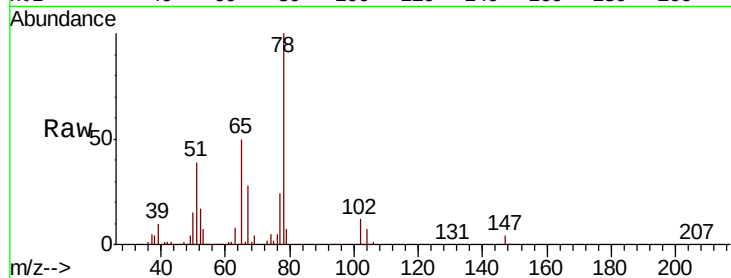




#33
 1,2-Dichloroethane-d4
 Concen: 50.496 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

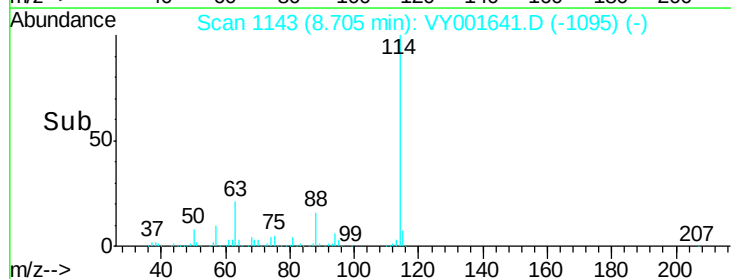
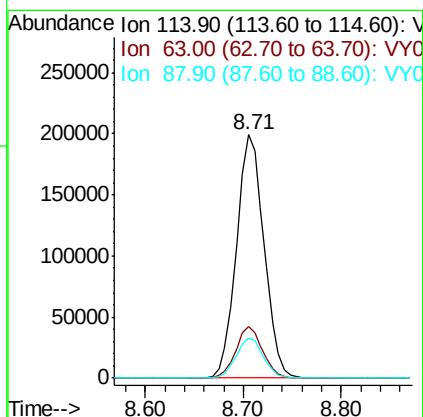
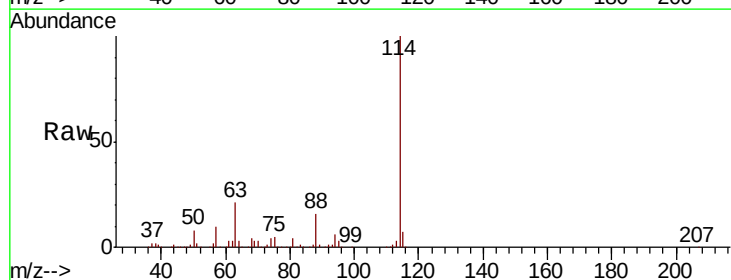
Instrument :
 MSVOA_Y
 ClientSampleId :

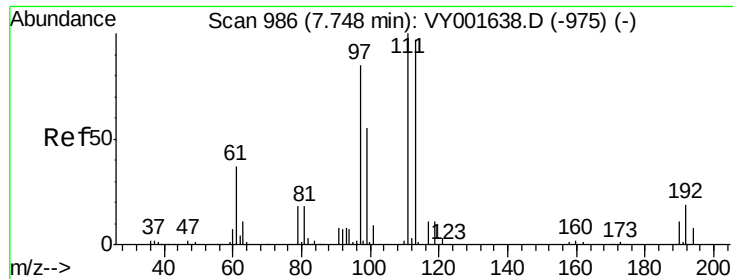
Tot Ion: 65 Resp: 120037
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 114 Resp: 388014
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.4 0.0 32.8

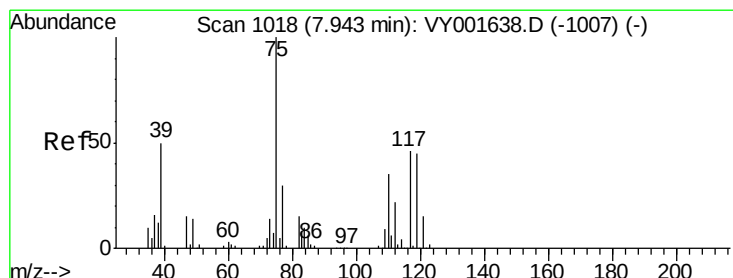
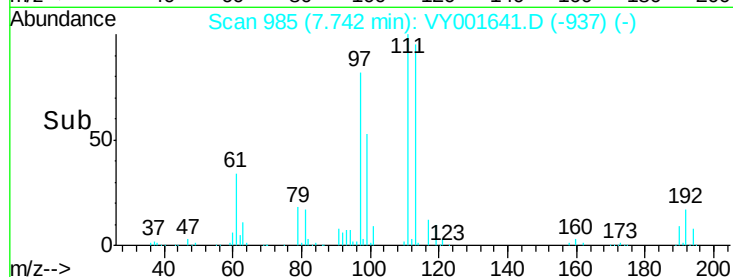
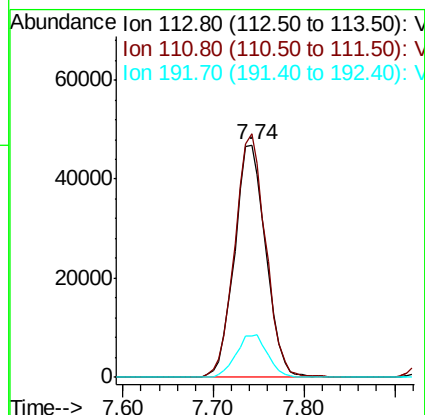
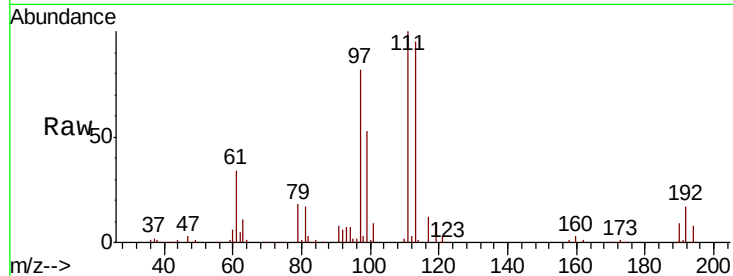




#35
 Dibromofluoromethane
 Concen: 50.432 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

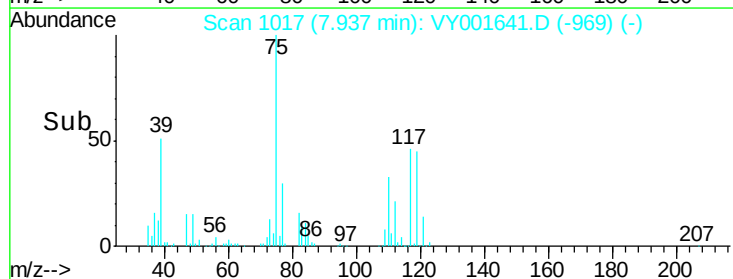
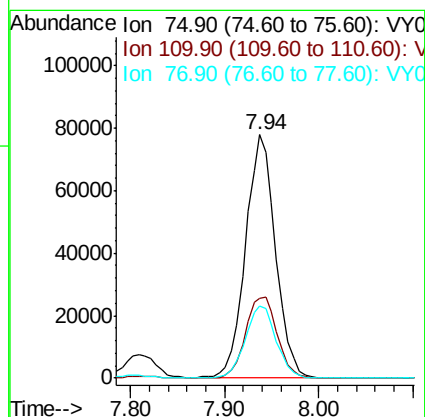
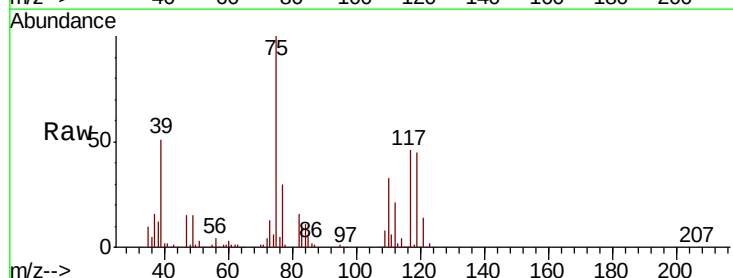
Instrument :
 MSVOA_Y
 ClientSampleId :

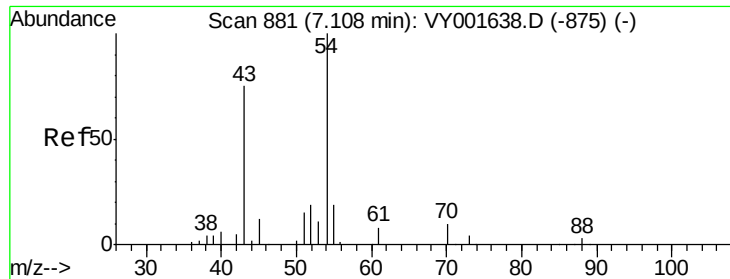
Tot Ion:113 Resp: 112078
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 18.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 46.759 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 75 Resp: 173304
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.2 51.6
 77 30.7 24.8 37.2

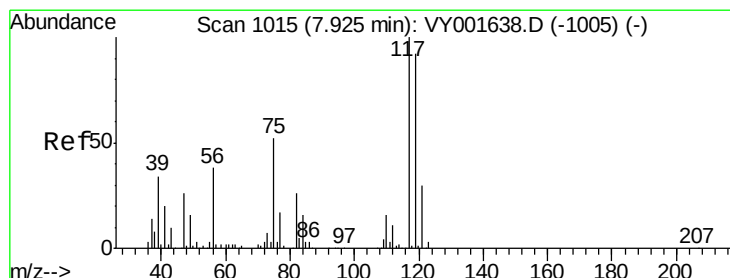
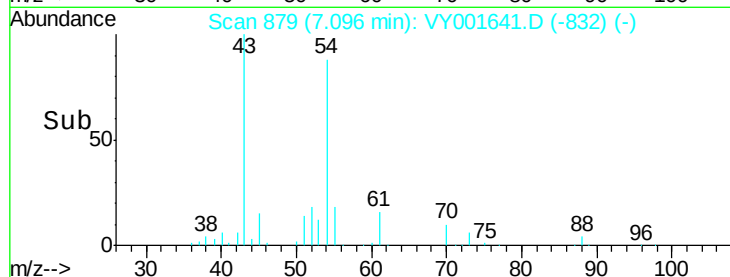
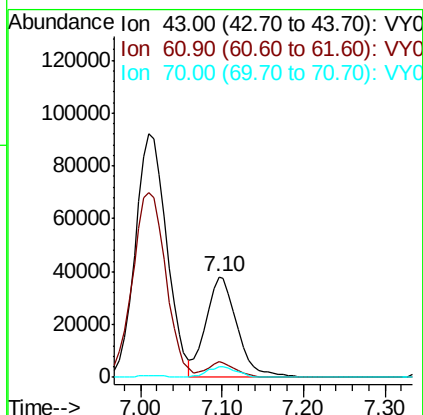
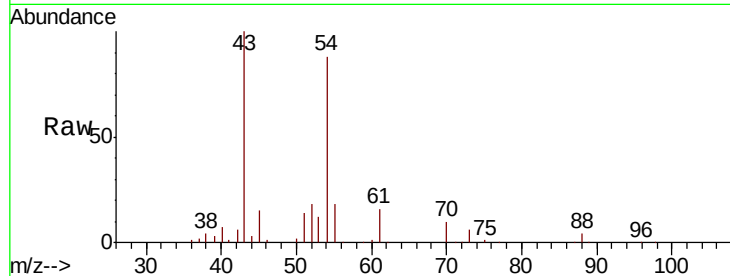




#37
Ethyl Acetate
Concen: 45.909 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

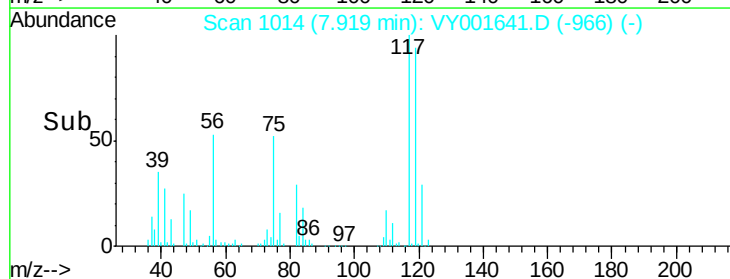
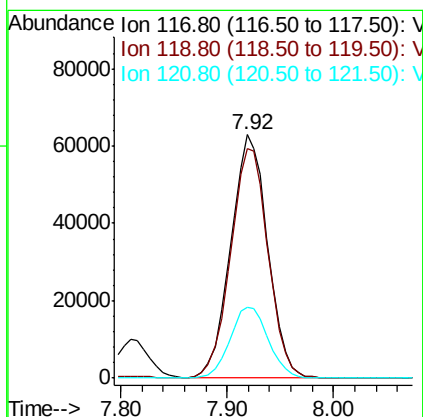
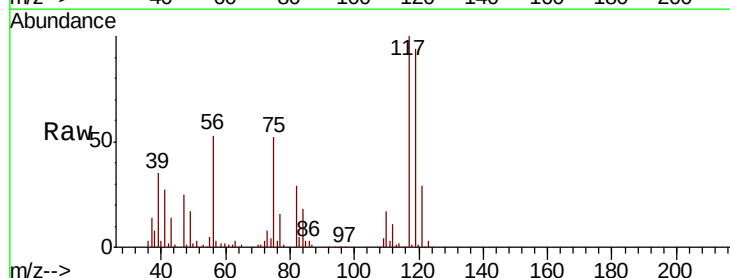
Instrument :
MSVOA_Y
ClientSampled :

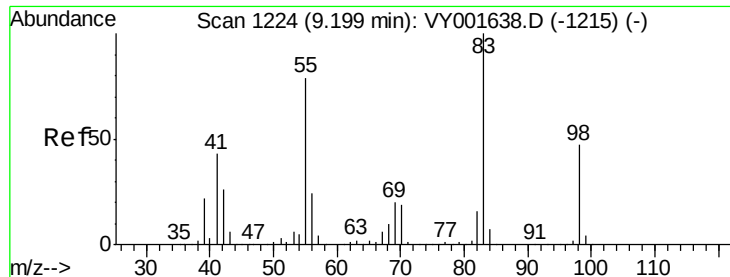
Tot Ion: 43 Resp: 101556
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.3 8.8 13.2



#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 117 Resp: 152795
Ion Ratio Lower Upper
117 100
119 94.2 74.8 112.2
121 29.3 23.8 35.6

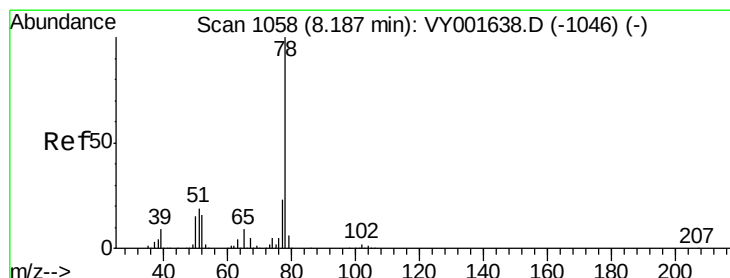
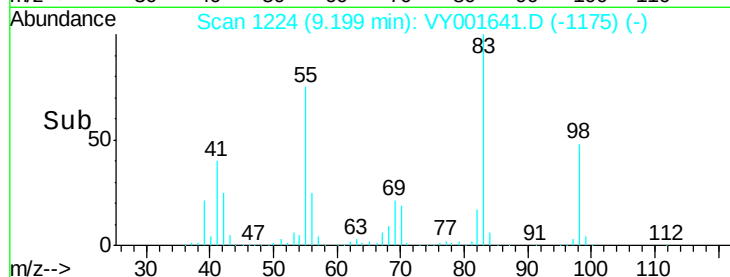
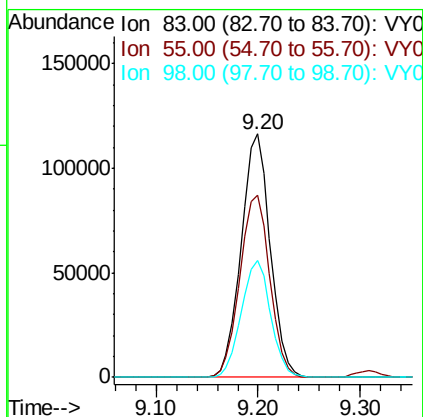
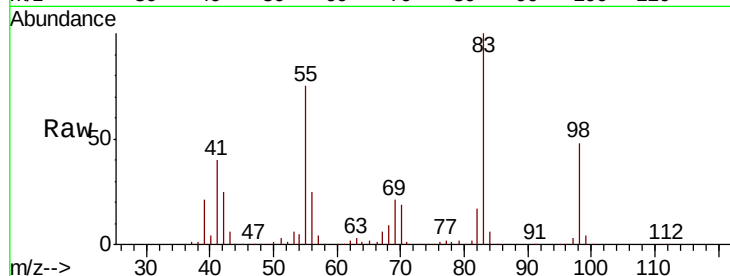




#39
Methylvlcyclohexane
Concen: 46.955 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

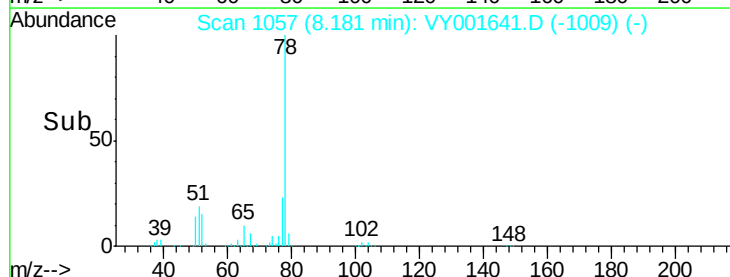
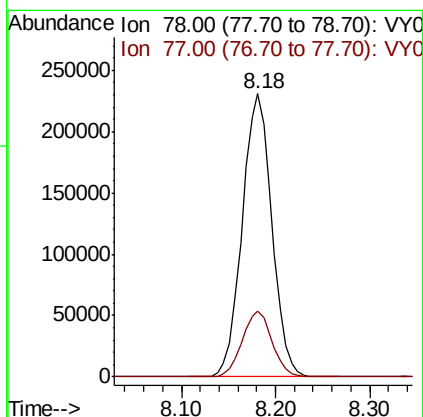
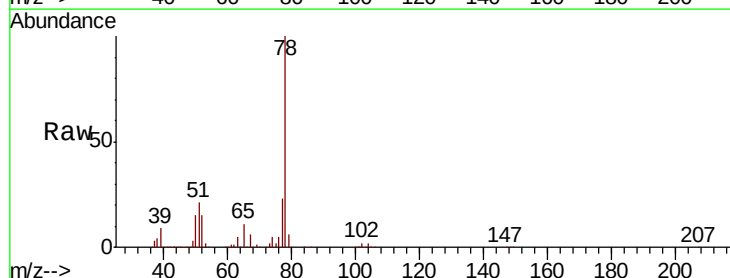
Instrument :
MSVOA_Y
ClientSampleId :

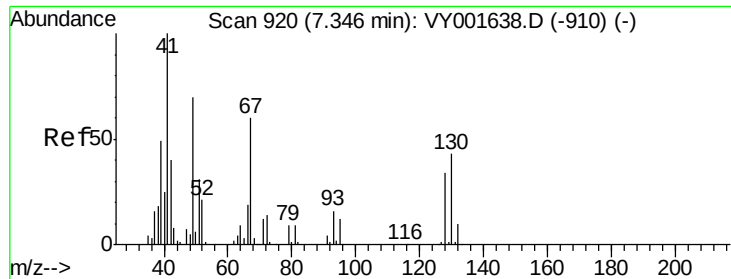
Tot Ion: 83 Resp: 230879
Ion Ratio Lower Upper
83 100
55 74.9 61.3 91.9
98 47.9 38.0 57.0



#40
Benzene
Concen: 46.576 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 78 Resp: 507694
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4

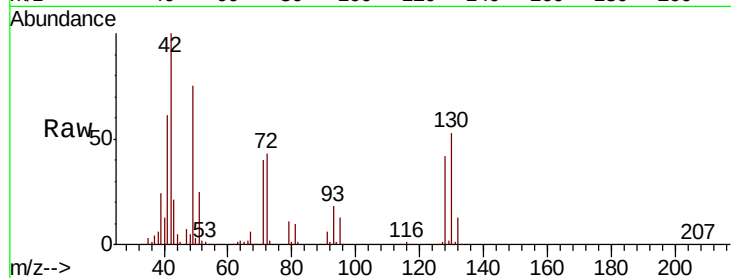




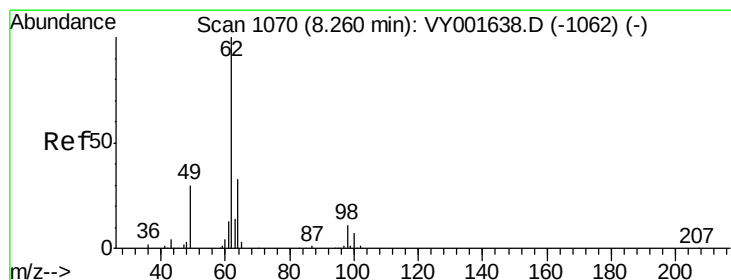
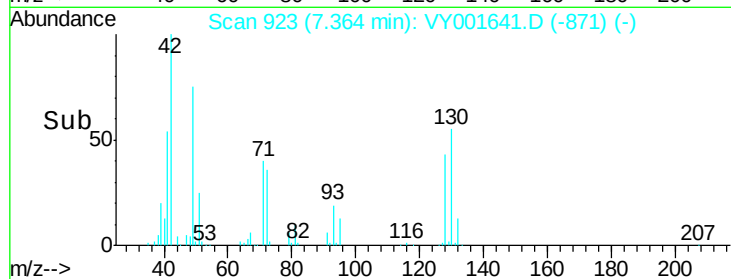
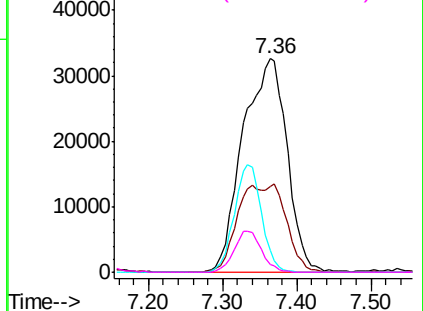
#41
Methacrylonitrile
Concen: 121.947 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 135449
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

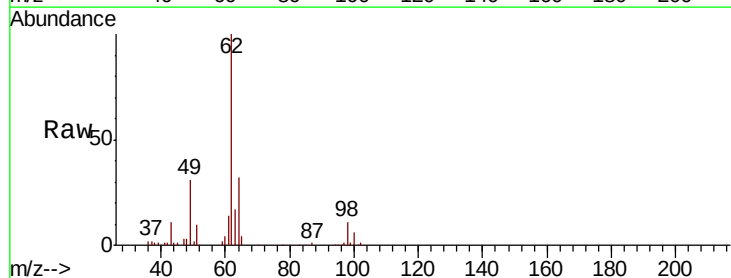


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

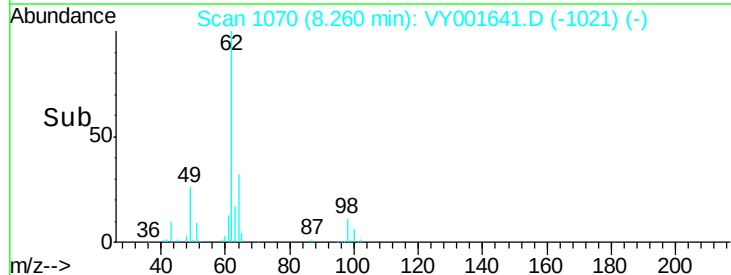
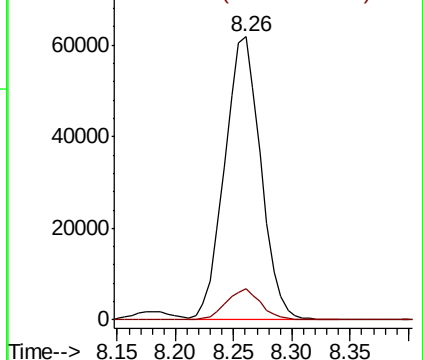


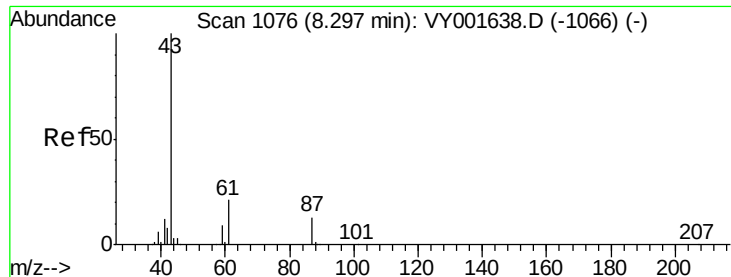
#42
1,2-Dichloroethane
Concen: 45.008 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 62 Resp: 133657
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8



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





#43

Isopropyl Acetate

Concen: 45.996 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

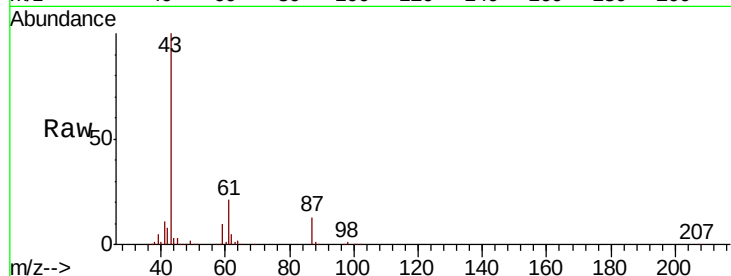
Tot Ion: 43 Resp: 193053

Ion Ratio Lower Upper

43 100

61 29.0 23.0 34.4

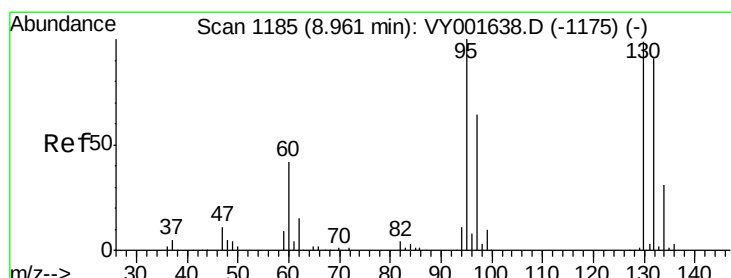
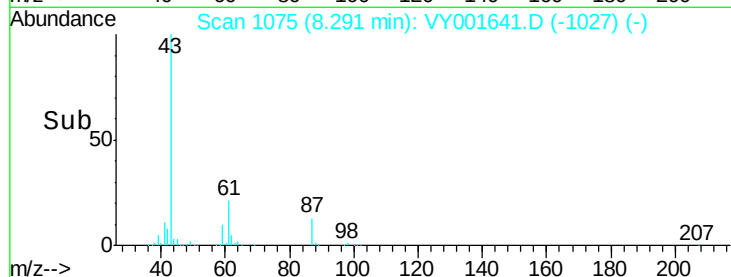
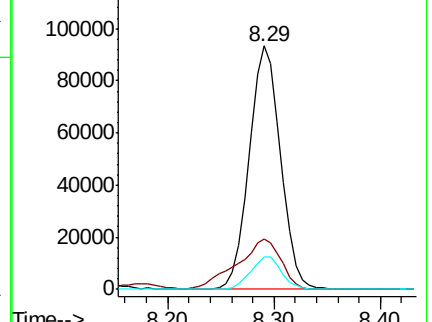
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001641.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY001641.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY001641.D (-1075) (-)



#44

Trichloroethene

Concen: 46.016 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001641.D

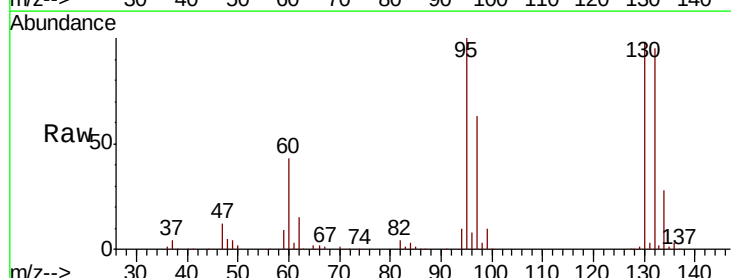
Acq: 17 Feb 2020 13:03

Tgt Ion:130 Resp: 125213

Ion Ratio Lower Upper

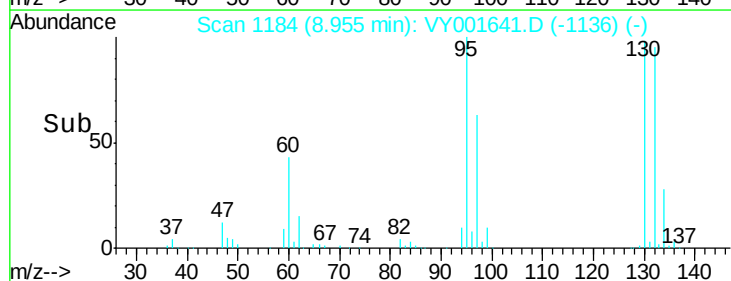
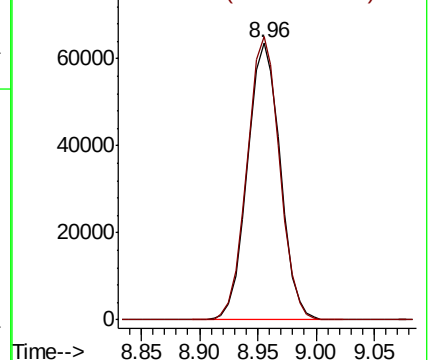
130 100

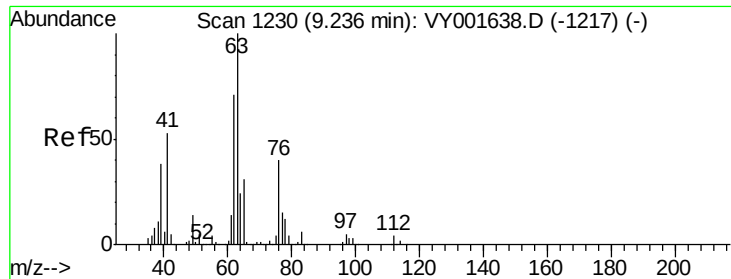
95 102.0 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001641.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001641.D (-1184) (-)

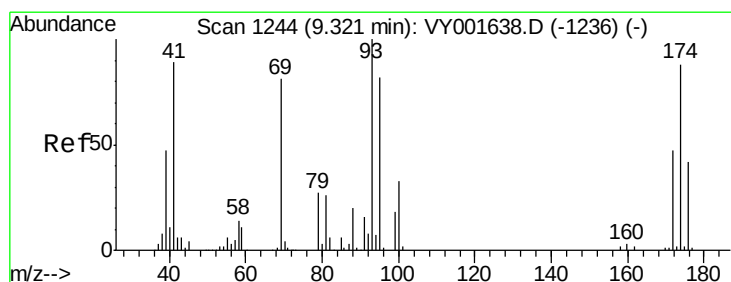
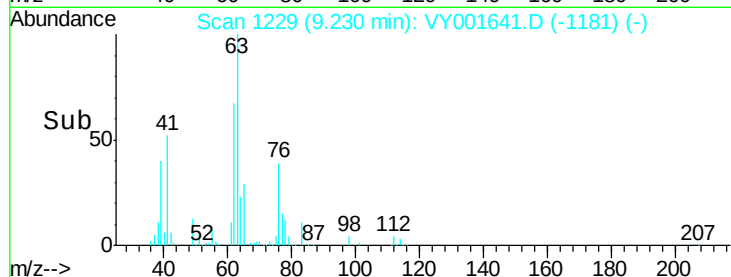
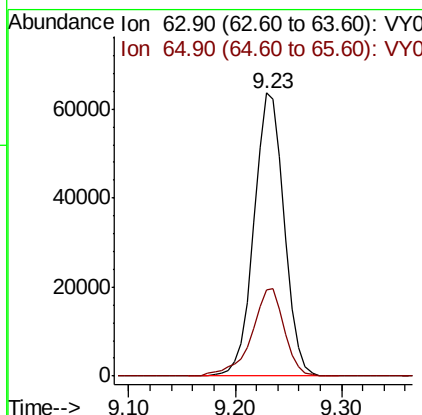
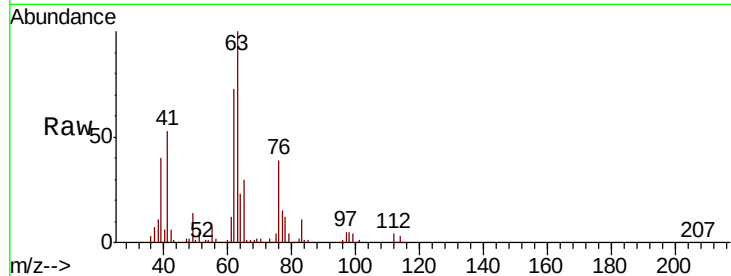




#45
 1,2-Dichloropropane
 Concen: 46.385 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

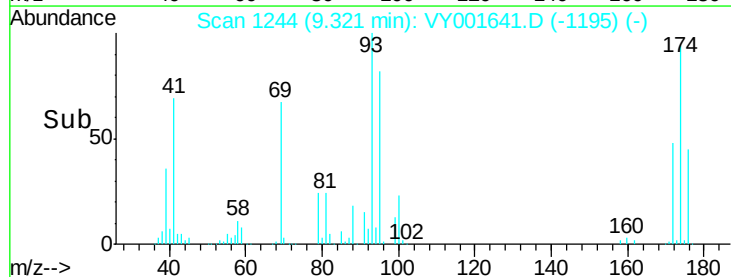
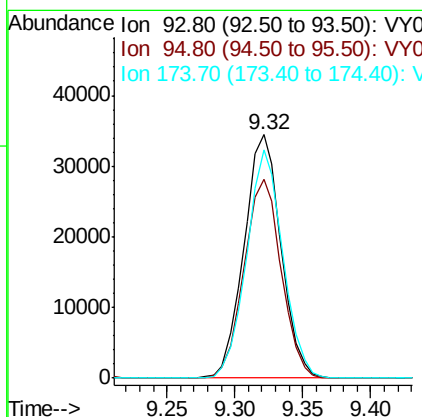
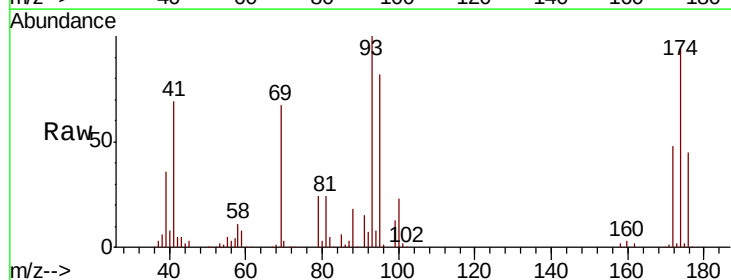
Instrument :
 MSVOA_Y
 ClientSampleId :

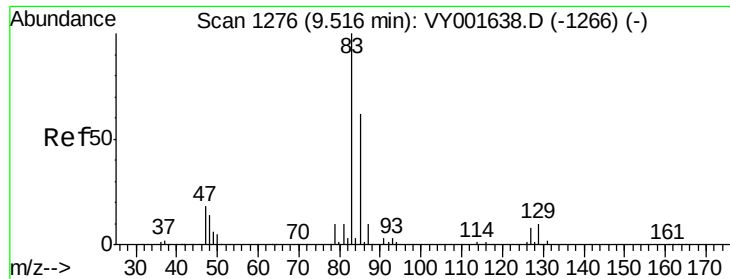
Tot Ion: 63 Resp: 126627
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0



#46
 Dibromomethane
 Concen: 45.815 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 93 Resp: 65417
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.1 99.1
 174 91.9 72.5 108.7

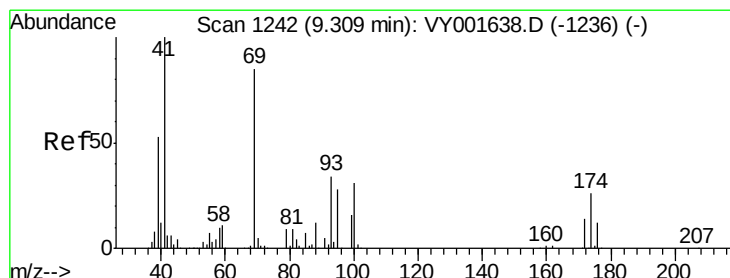
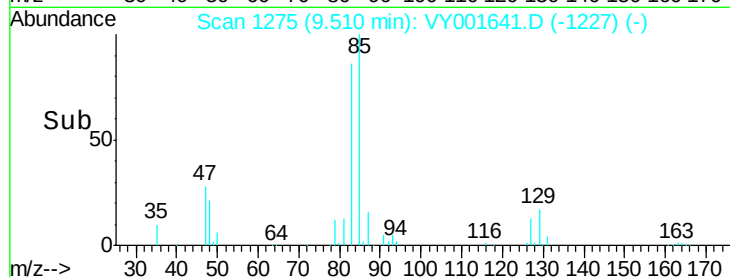
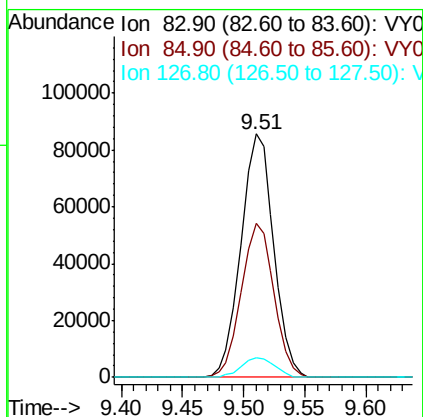
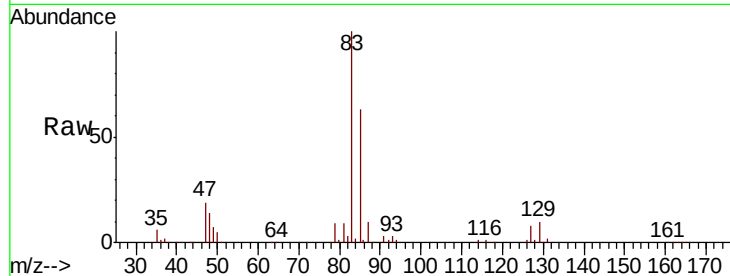




#47
Bromodichloromethane
Concen: 46.070 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

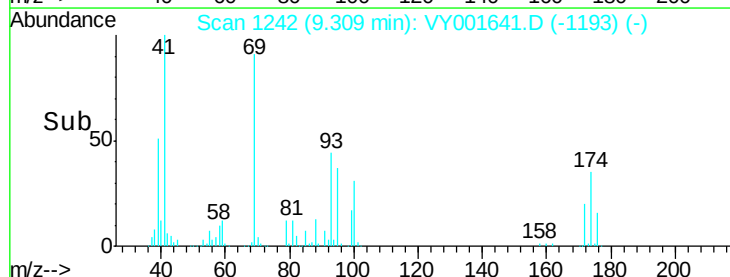
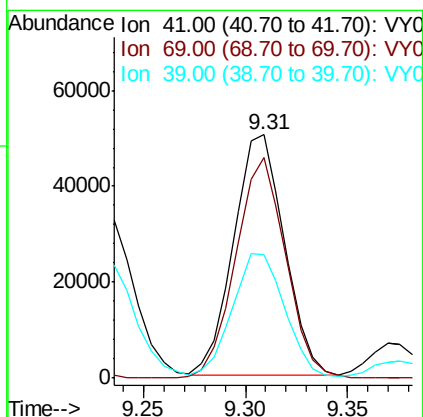
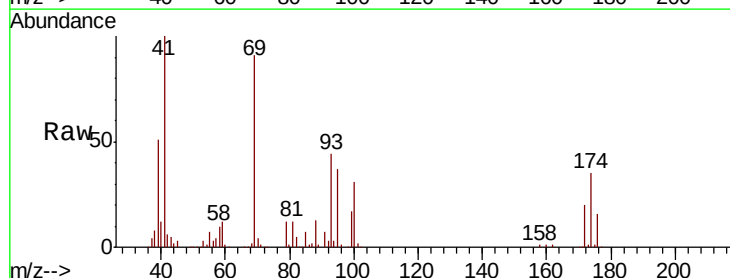
Instrument :
MSVOA_Y
ClientSampleId :

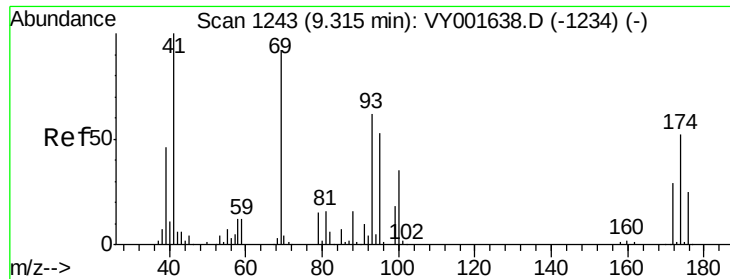
Tot Ion: 83 Resp: 158759
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.0
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 45.720 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 41 Resp: 86786
Ion Ratio Lower Upper
41 100
69 90.4 70.7 106.1
39 54.0 42.2 63.2

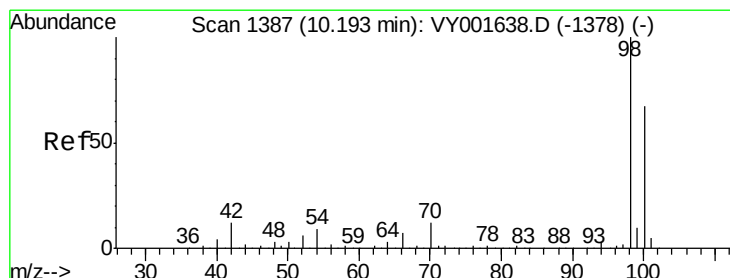
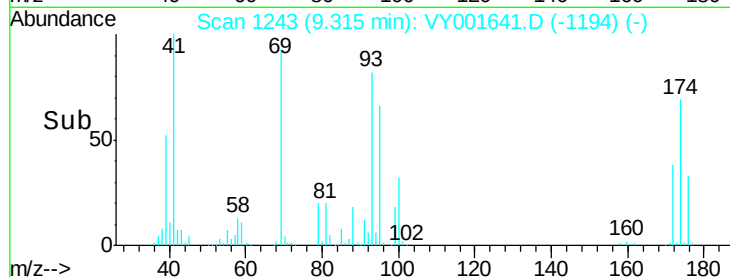
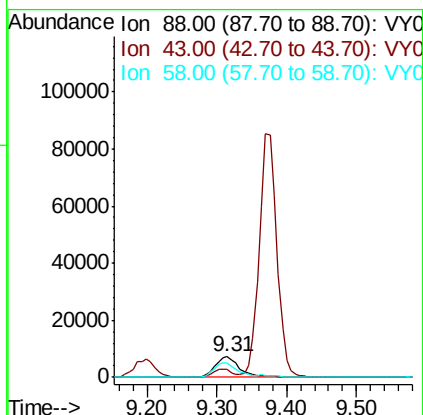
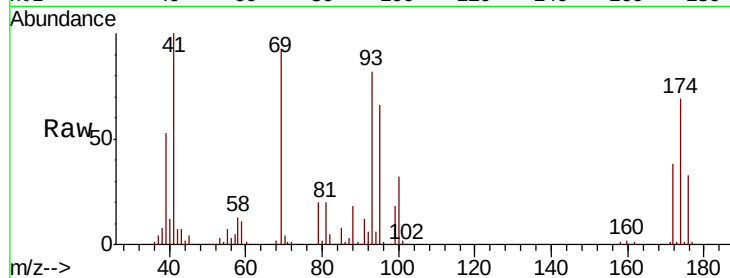




#49
1,4-Dioxane
Concen: 927.419 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

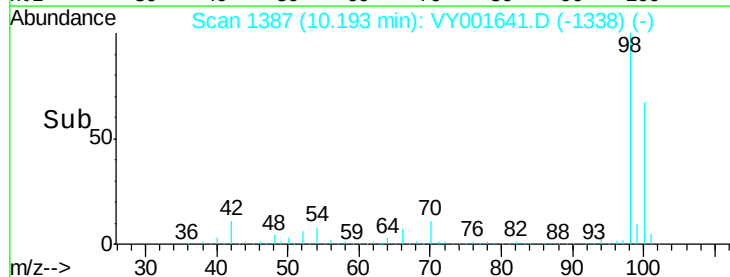
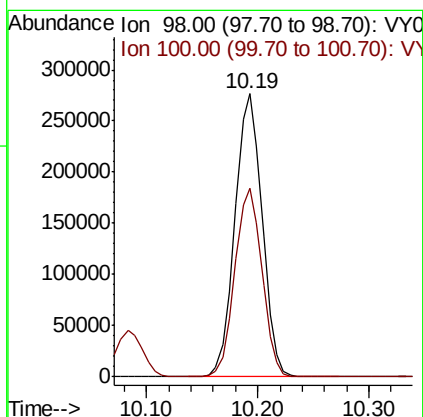
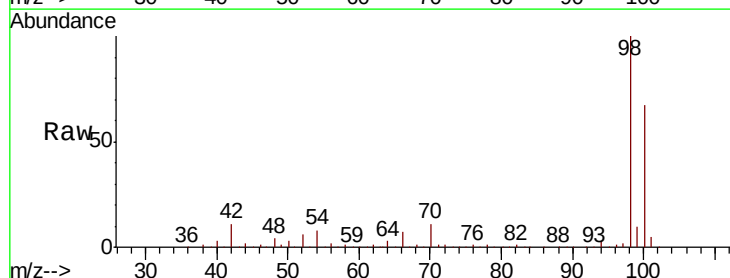
Instrument :
MSVOA_Y
ClientSampled :

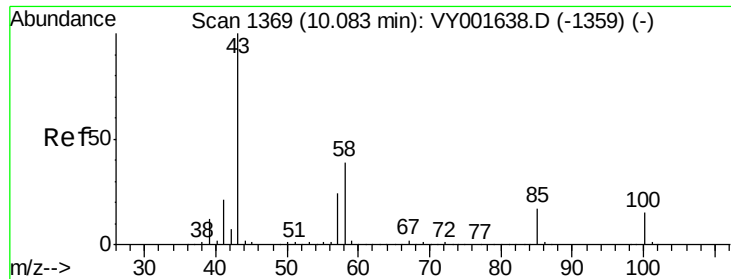
Tot Ion: 88 Resp: 18703
Ion Ratio Lower Upper
88 100
43 29.0 23.1 34.7
58 63.6 58.1 87.1



#50
Toluene-d8
Concen: 53.647 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 98 Resp: 467080
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

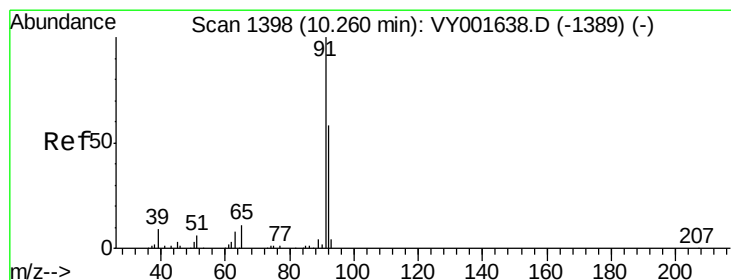
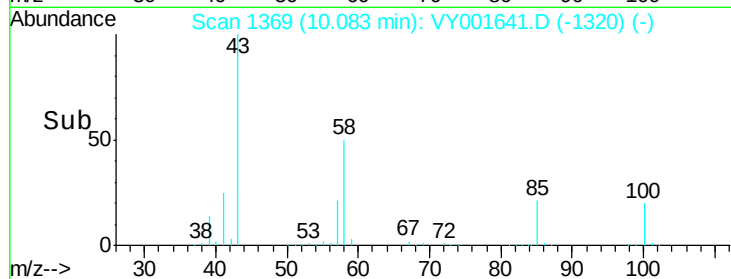
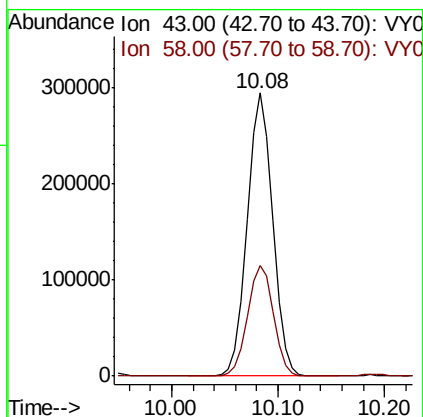
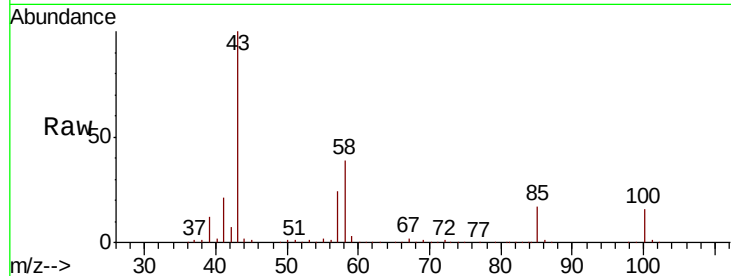




#51
4-Methyl-2-Pentanone
Concen: 229.499 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

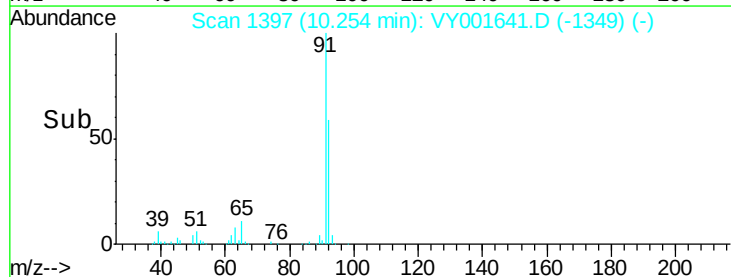
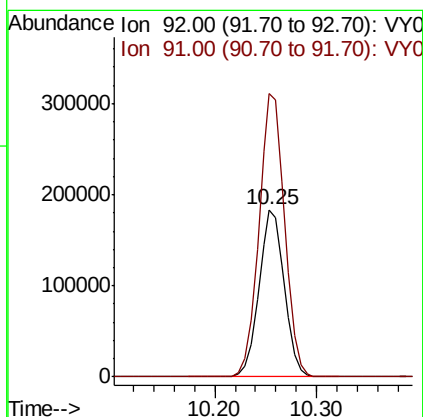
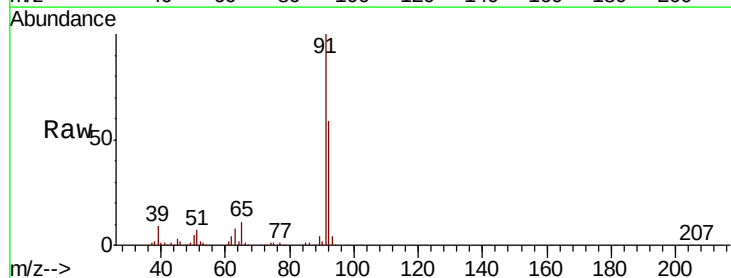
Instrument :
MSVOA_Y
ClientSampleId :

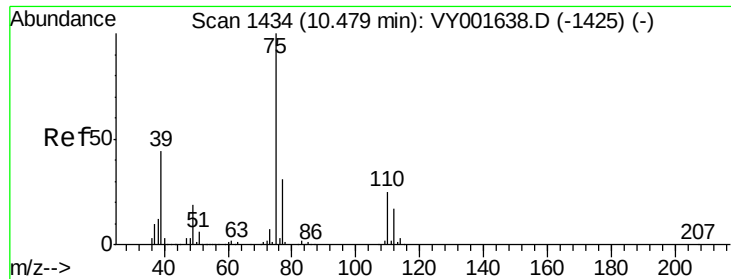
Tot Ion: 43 Resp: 494905
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4



#52
Toluene
Concen: 46.257 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 92 Resp: 314519
Ion Ratio Lower Upper
92 100
91 172.5 137.0 205.6

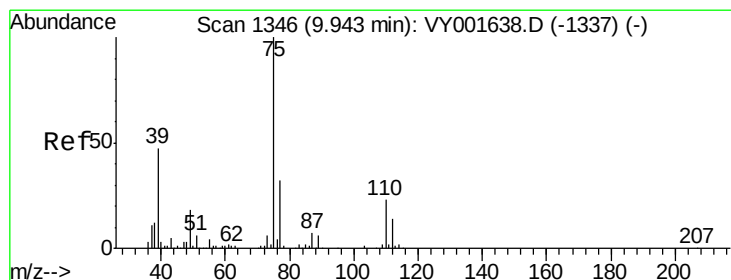
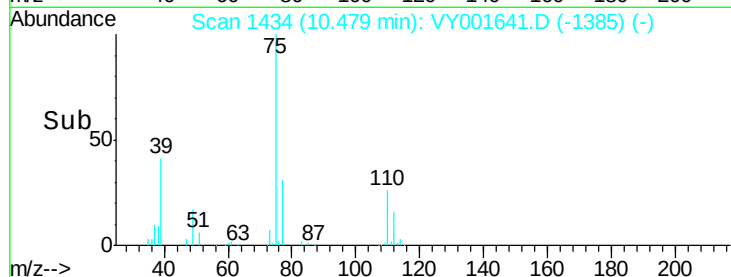
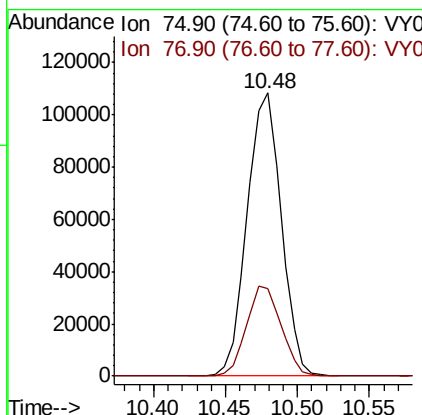
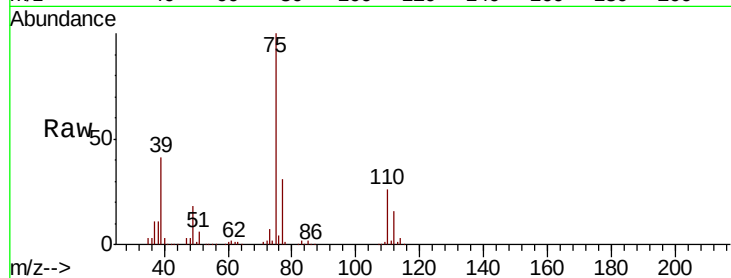




#53
t-1,3-Dichloropropene
Concen: 46.622 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

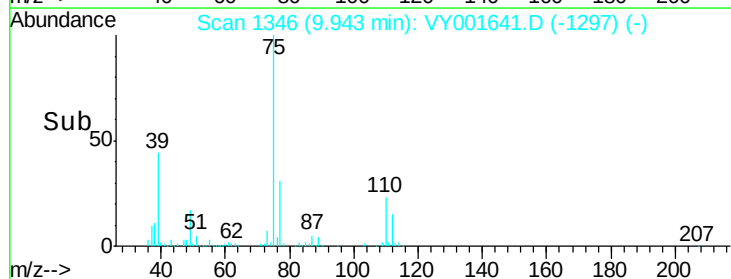
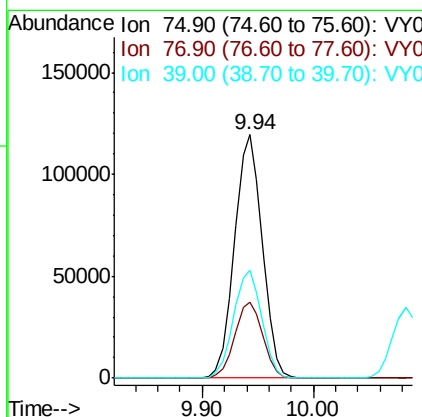
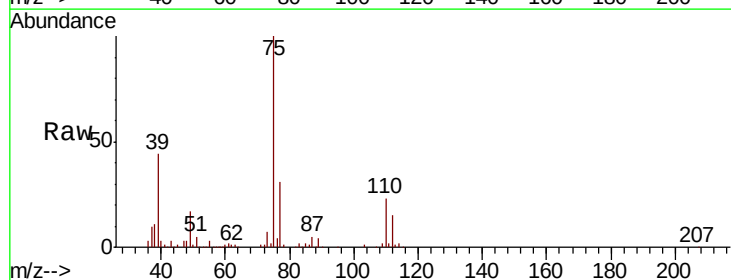
Instrument :
MSVOA_Y
ClientSampled :

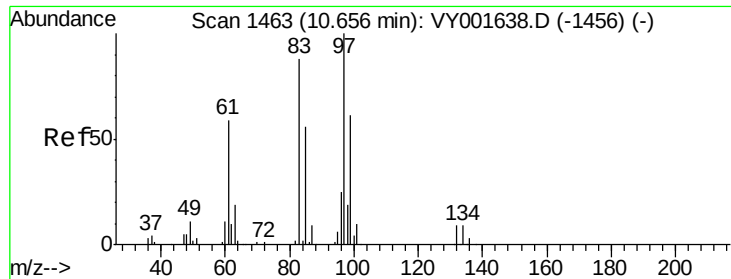
Tot Ion: 75 Resp: 177614
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 46.816 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 75 Resp: 205271
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 44.2 35.7 53.5

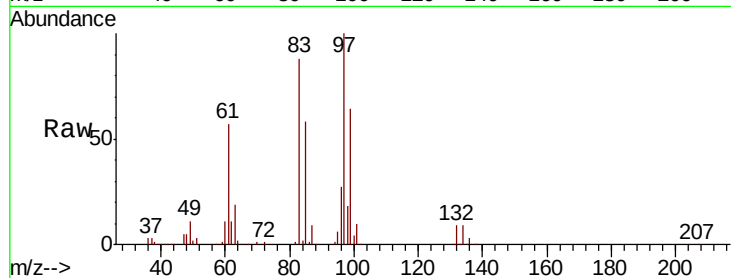




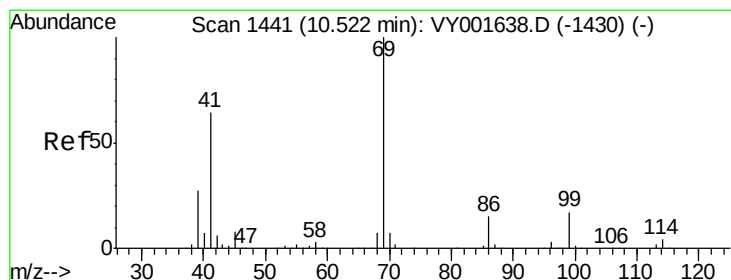
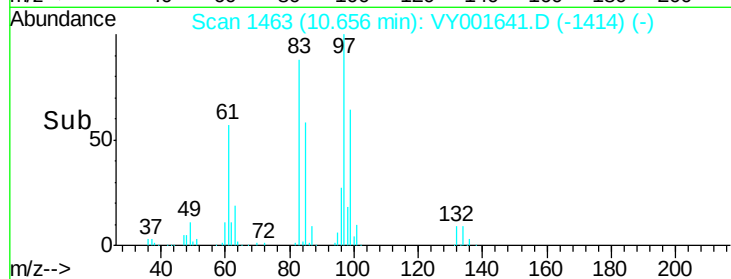
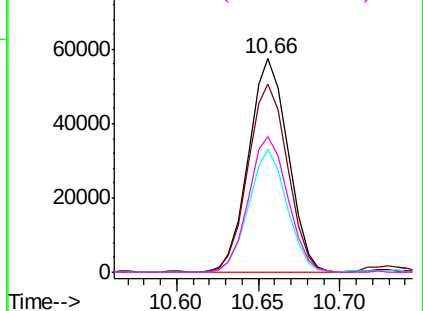
#55
 1,1,2-Trichloroethane
 Concen: 45.716 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 96251
 Ion Ratio Lower Upper
 97 100
 83 88.1 69.7 104.5
 85 57.7 44.5 66.7
 99 63.6 49.6 74.4

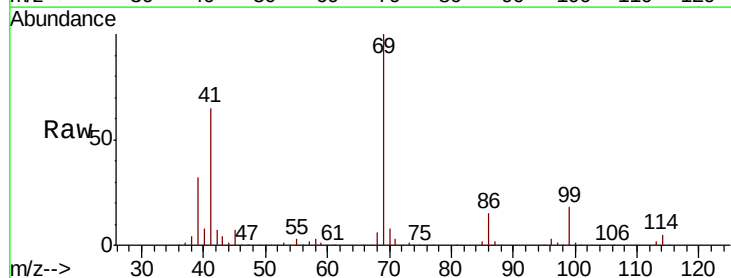


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

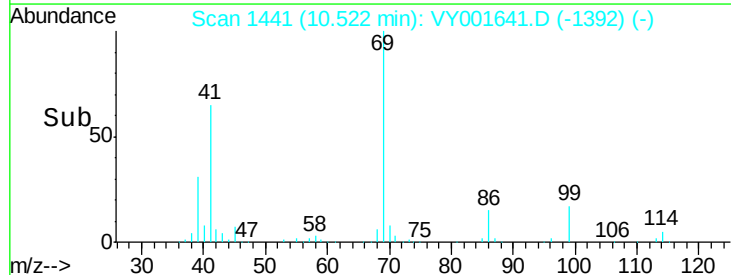
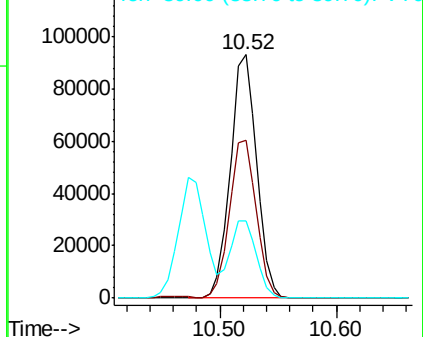


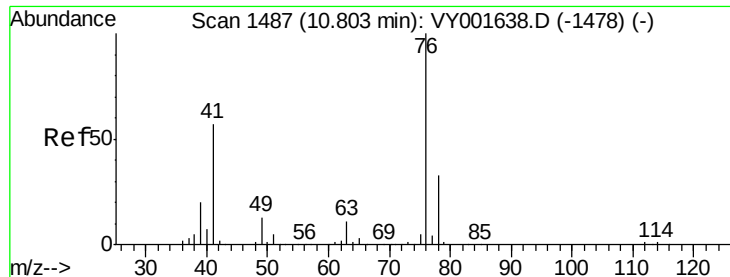
#56
 Ethyl methacrylate
 Concen: 46.550 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 69 Resp: 147026
 Ion Ratio Lower Upper
 69 100
 41 65.7 51.0 76.4
 39 32.0 24.7 37.1



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

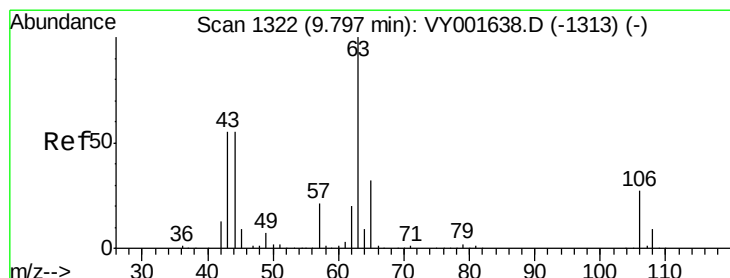
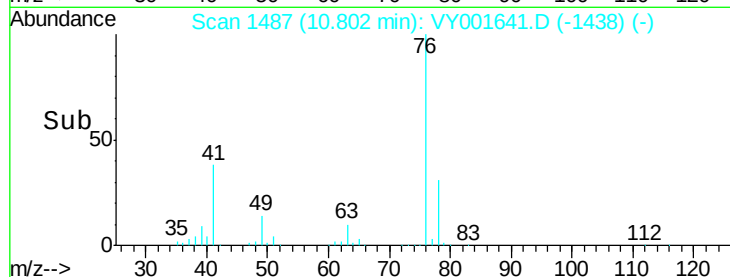
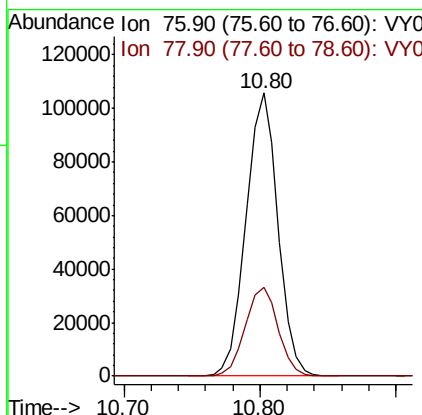
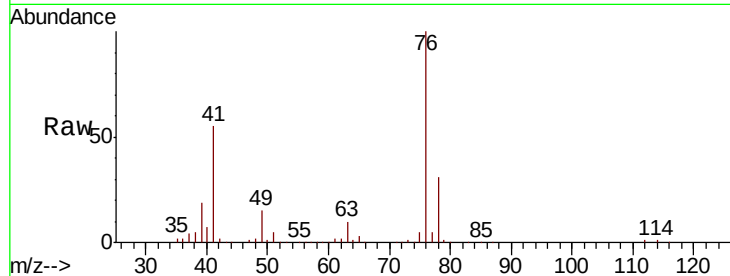




#57
 1,3-Dichloropropane
 Concen: 46.363 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

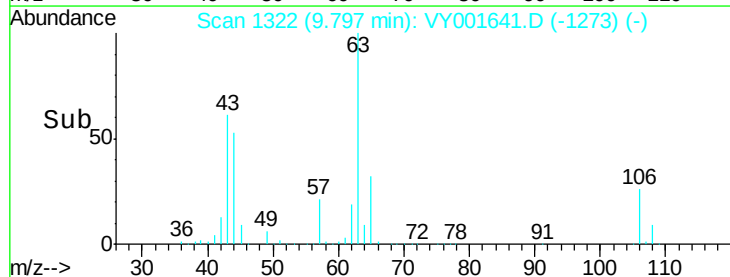
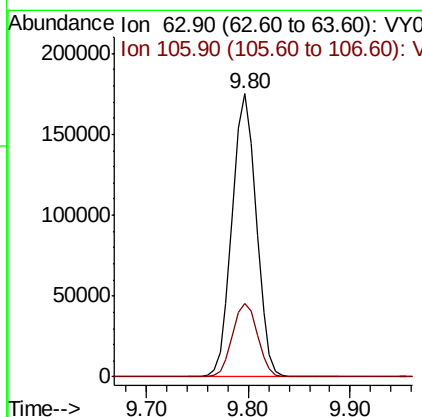
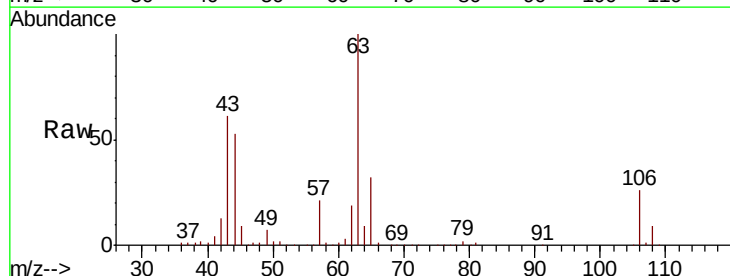
Instrument :
 MSVOA_Y
 ClientSampled :

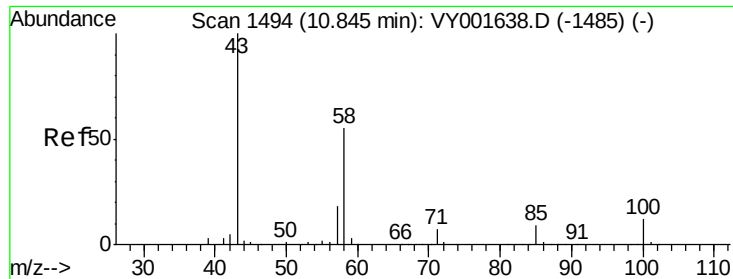
Tot Ion: 76 Resp: 173438
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.387 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 63 Resp: 286412
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4

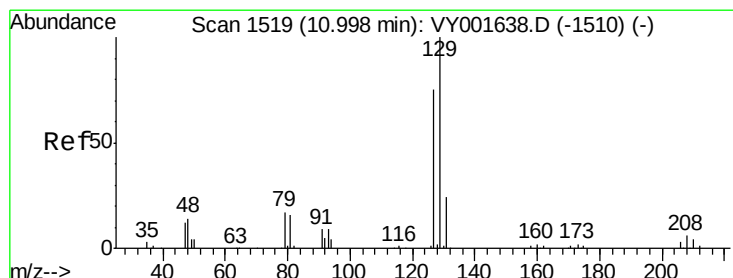
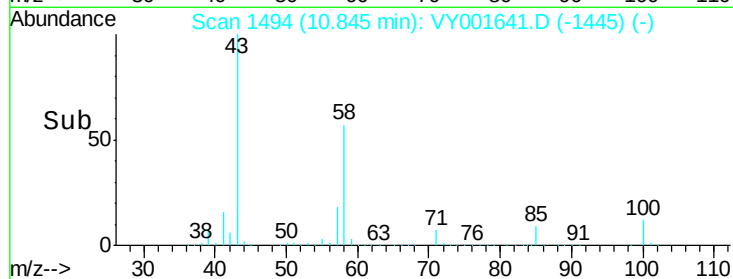
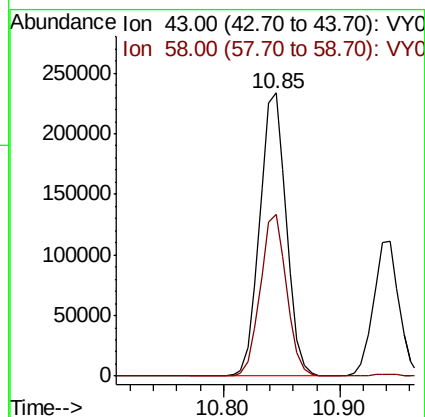
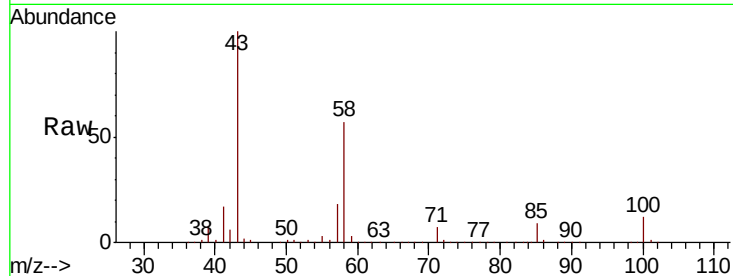




#59
2-Hexanone
Concen: 229.998 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

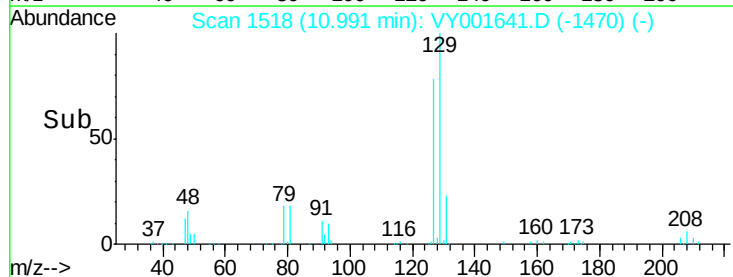
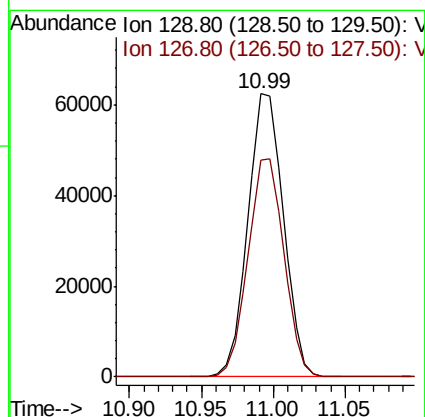
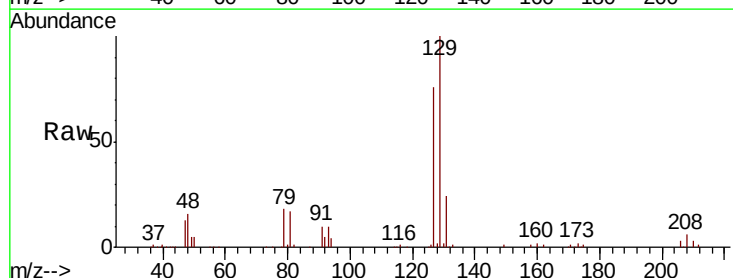
Instrument :
MSVOA_Y
ClientSampled :

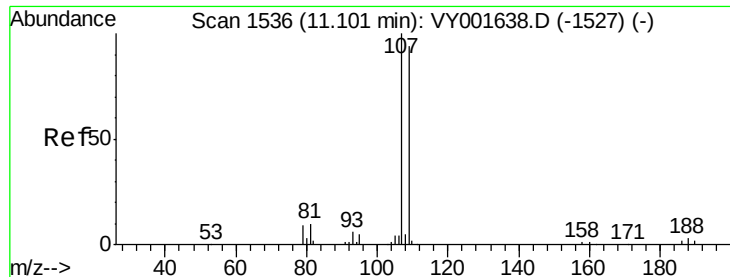
Tot Ion: 43 Resp: 372142
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2



#60
Dibromochloromethane
Concen: 45.986 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 129 Resp: 106744
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 47.209 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

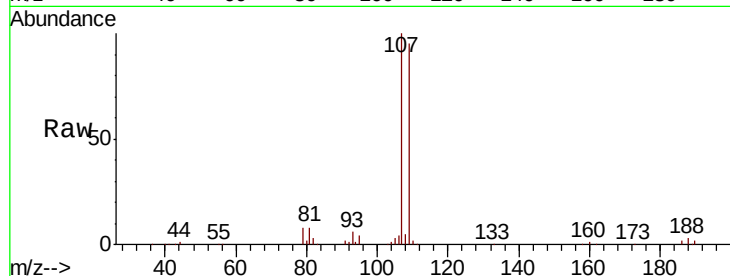
ClientSampleId :

Tot Ion:107 Resp: 93980

Ion Ratio Lower Upper

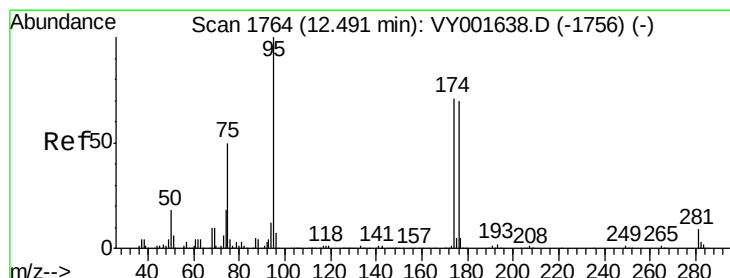
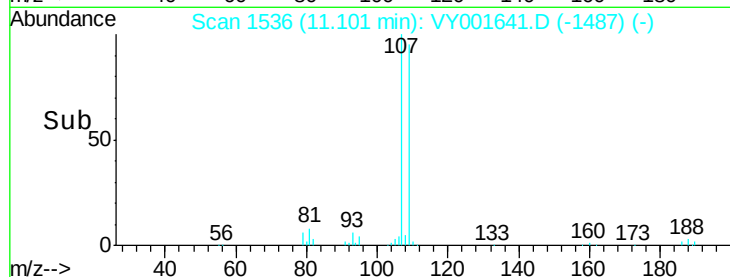
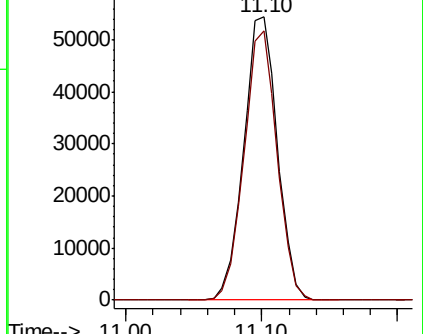
107 100

109 93.4 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.573 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

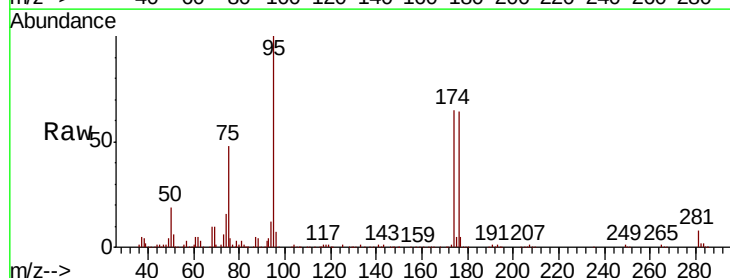
Tgt Ion: 95 Resp: 171061

Ion Ratio Lower Upper

95 100

174 70.4 0.0 138.4

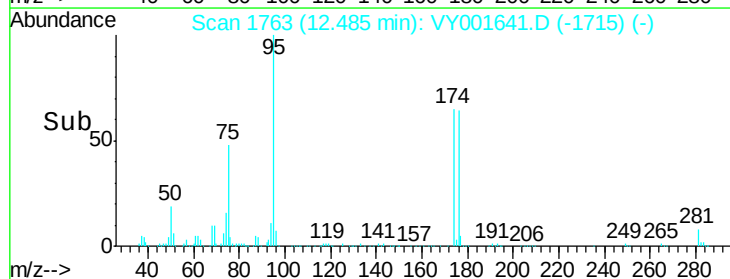
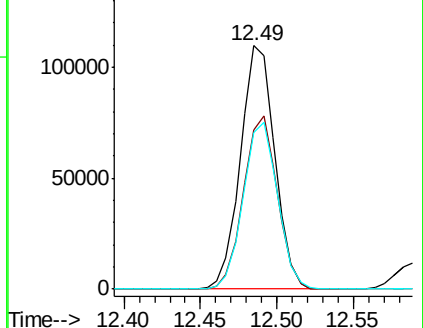
176 68.6 0.0 131.8

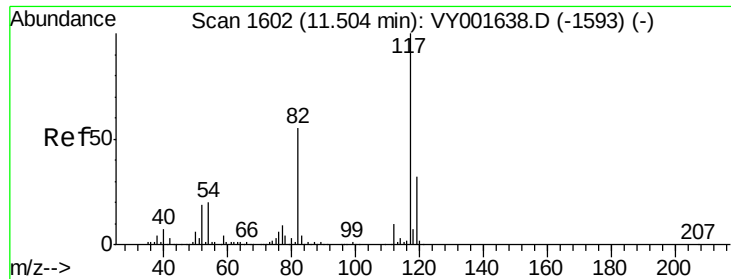


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

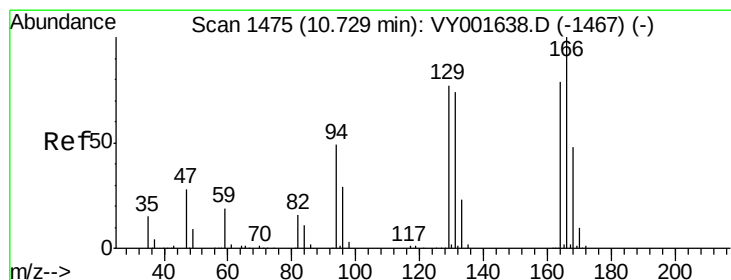
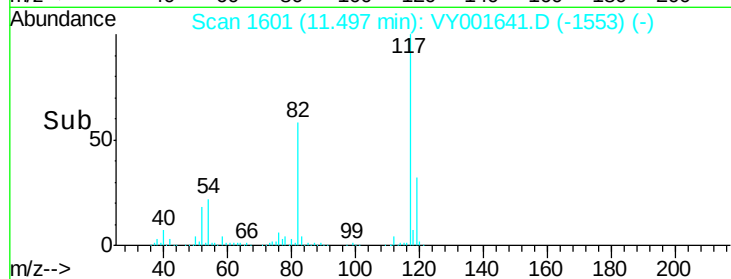
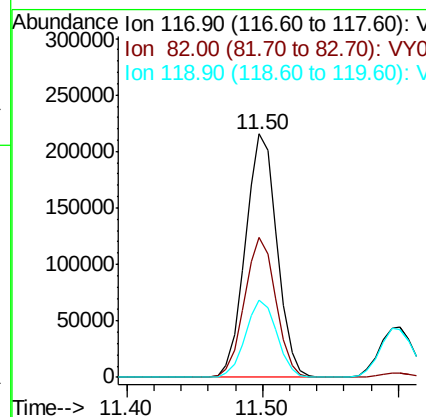
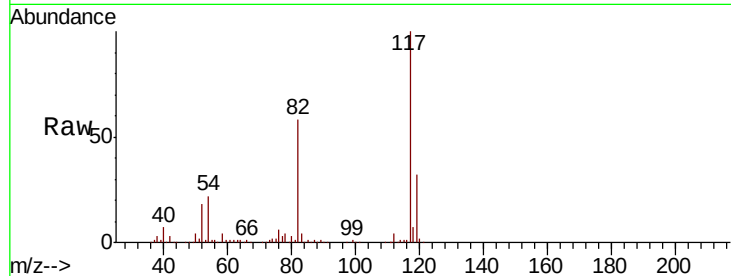




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

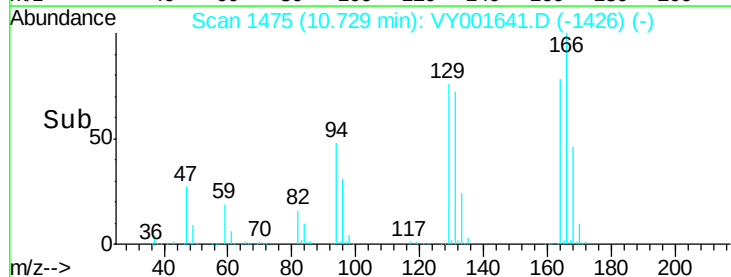
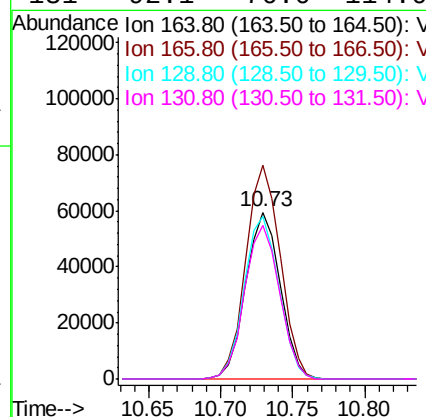
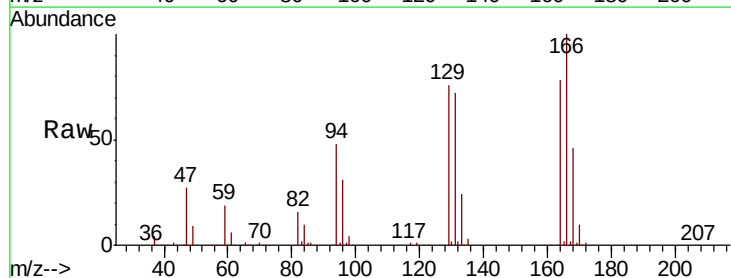
Instrument :
MSVOA_Y
ClientSampled :

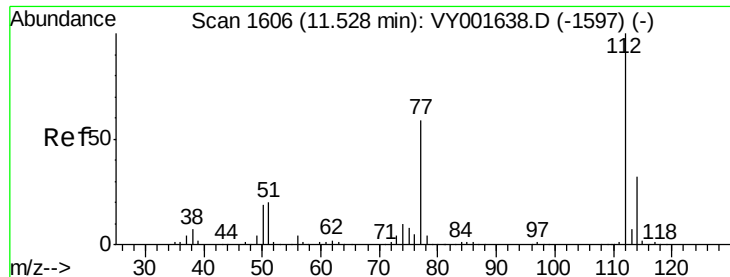
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	31.8	25.8	38.6



#64
Tetrachloroethene
Concen: 44.916 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.4	152.0
129	97.2	78.7	118.1
131	92.1	76.0	114.0

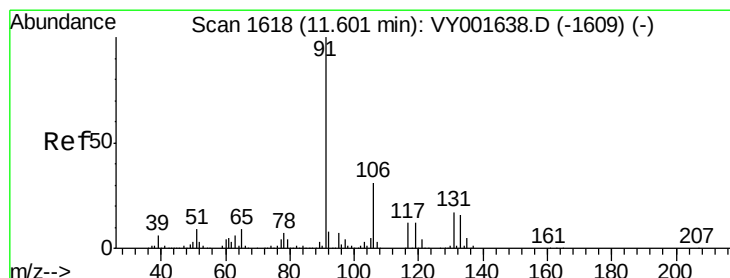
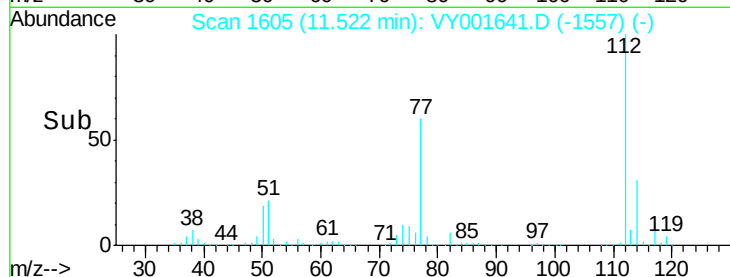
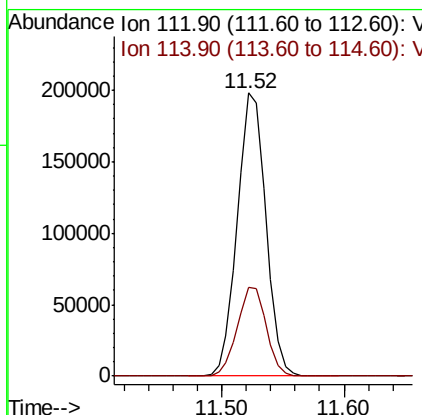
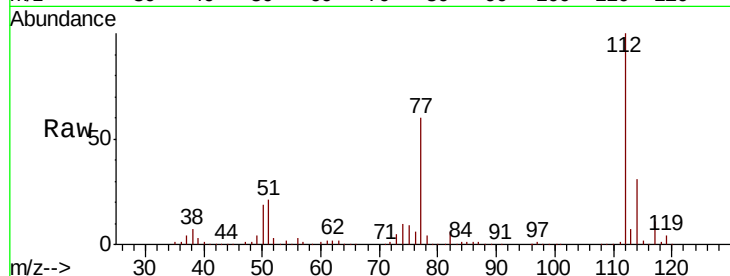




#65
Chlorobenzene
Concen: 45.871 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

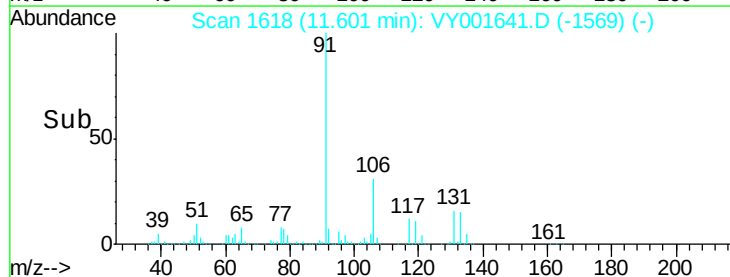
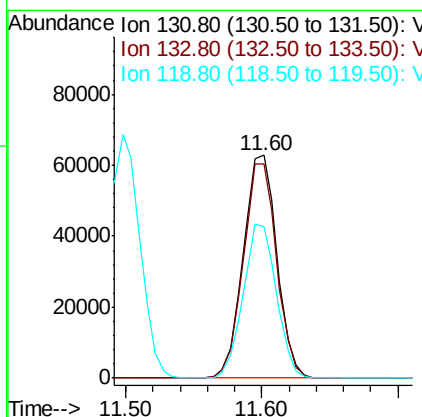
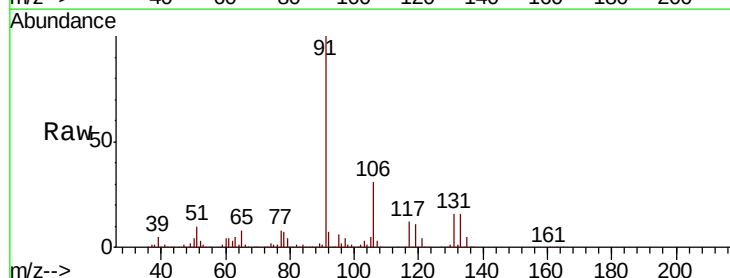
Instrument :
MSVOA_Y
ClientSampled :

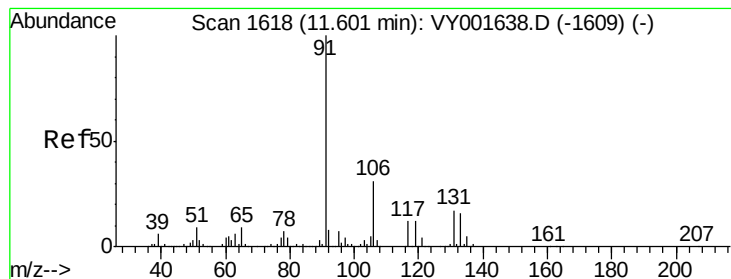
Tot Ion:112 Resp: 319929
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.202 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion:131 Resp: 108702
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 68.1 34.4 103.1





#67

Ethyl Benzene

Concen: 46.979 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

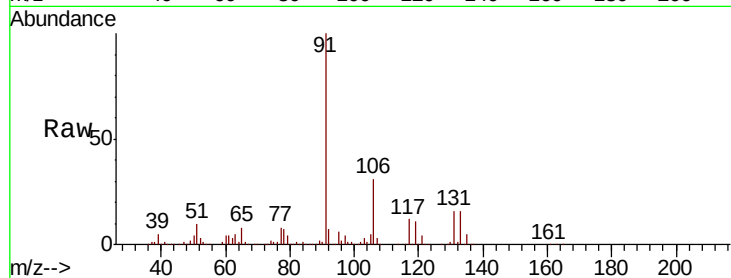
ClientSampleId :

Tot Ion: 91 Resp: 608052

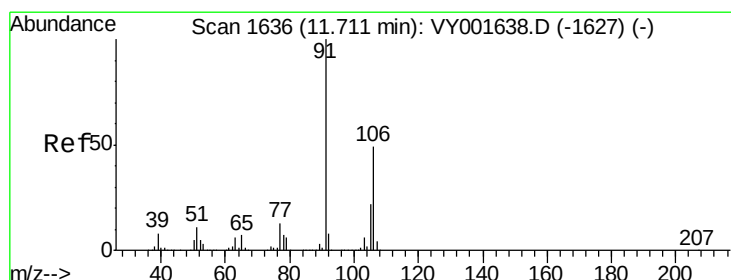
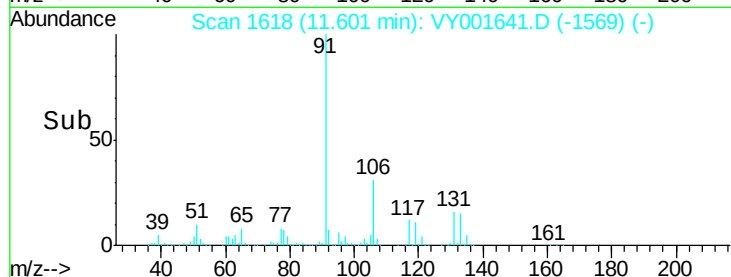
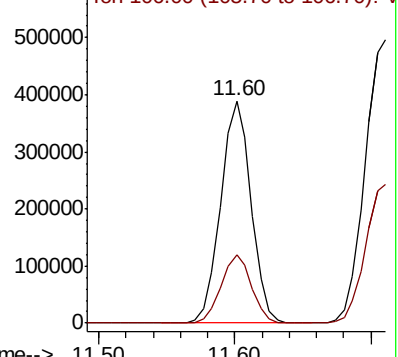
Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 93.240 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001641.D

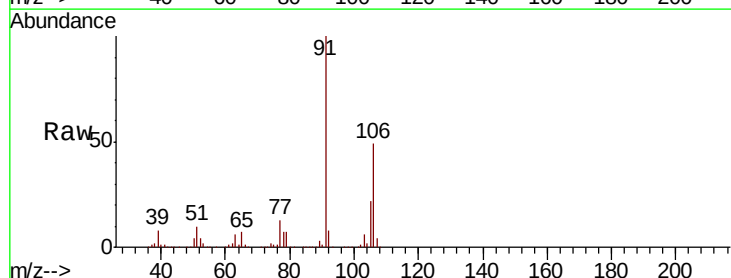
Acq: 17 Feb 2020 13:03

Tgt Ion: 106 Resp: 450805

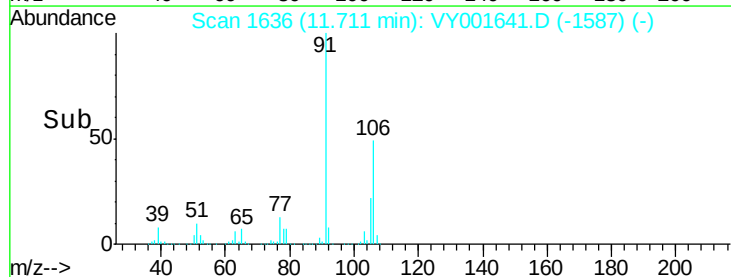
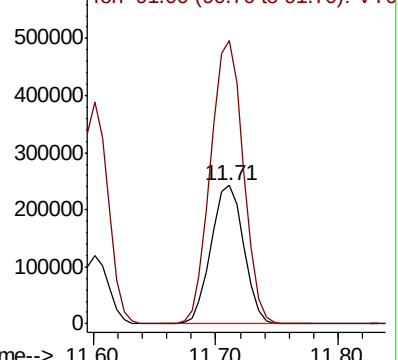
Ion Ratio Lower Upper

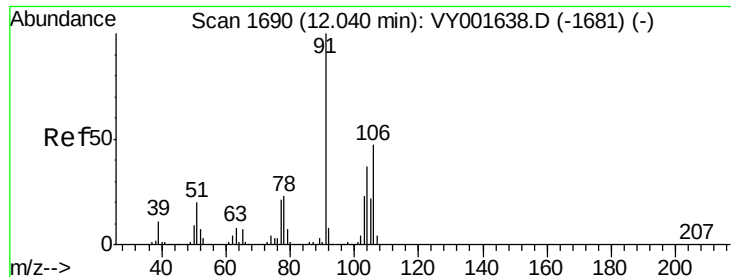
106 100

91 204.3 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

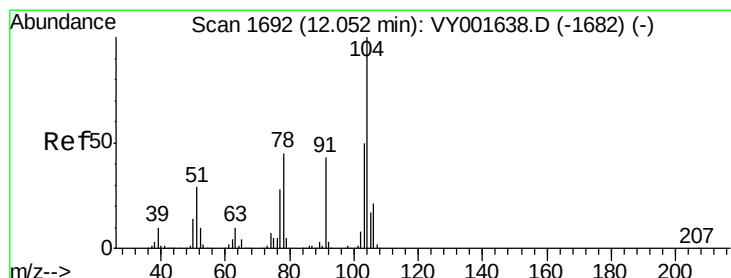
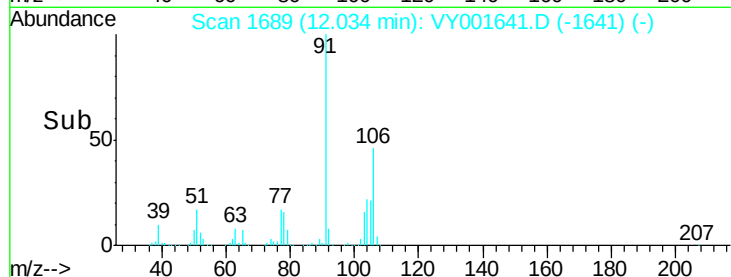
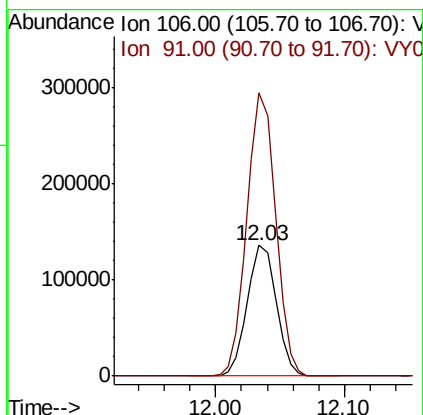
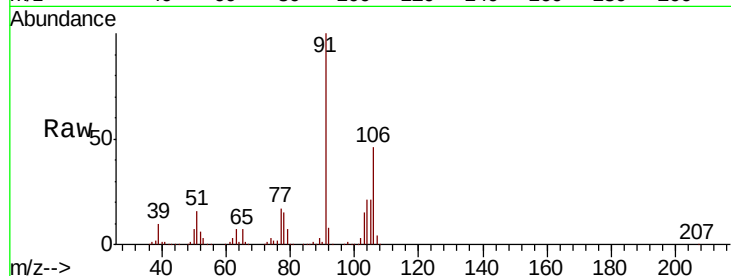




#69
o-Xylene
Concen: 46.222 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

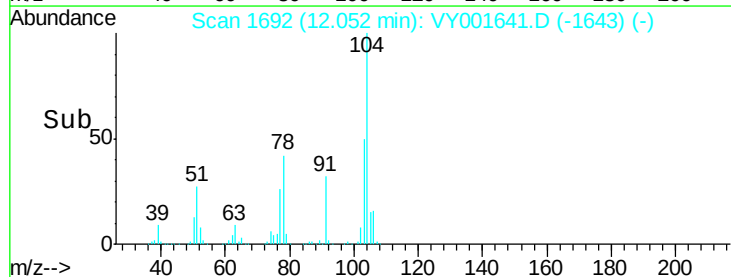
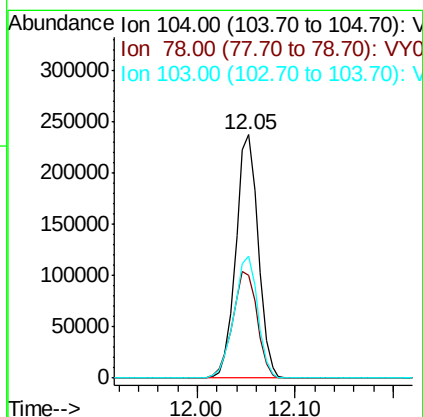
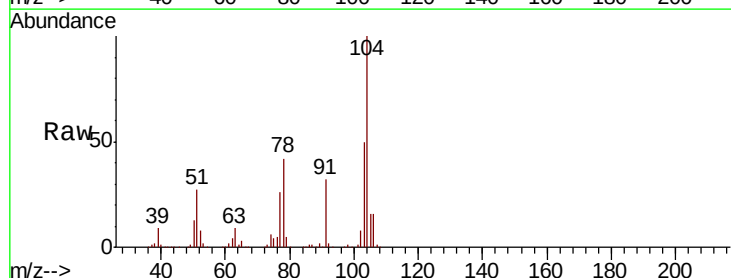
Instrument :
MSVOA_Y
ClientSampleId :

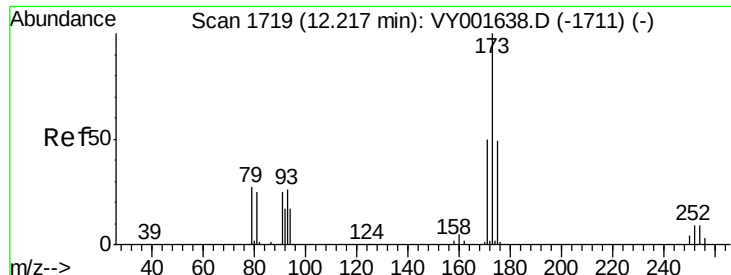
Tot Ion:106 Resp: 212458
Ion Ratio Lower Upper
106 100
91 213.9 108.3 324.9



#70
Styrene
Concen: 47.025 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion:104 Resp: 375656
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 53.3 43.0 64.6





#71

Bromoform

Concen: 46.986 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

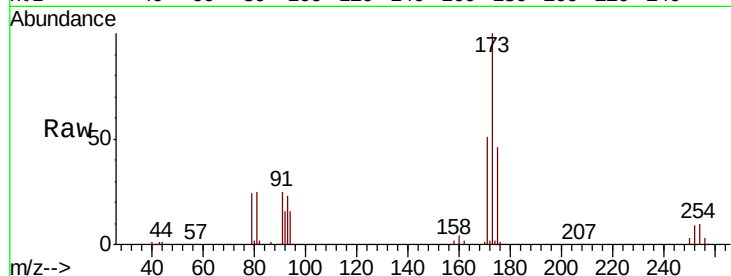
Tot Ion:173 Resp: 63175

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

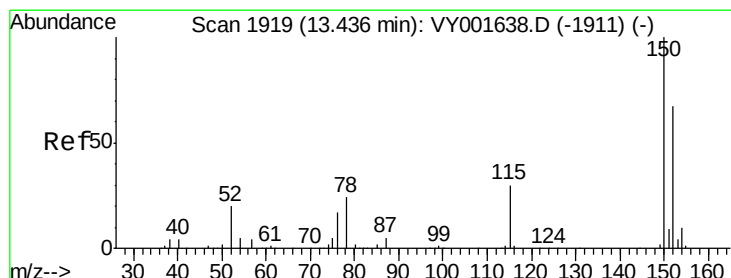
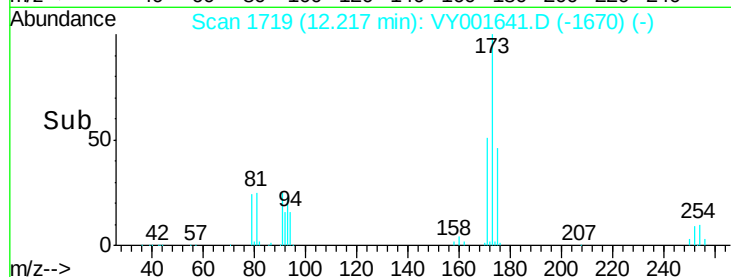
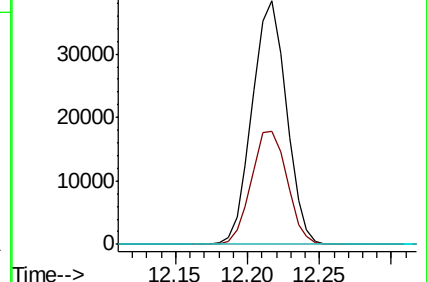
254 0.0 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

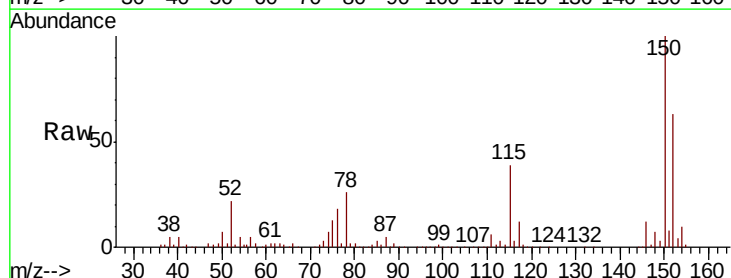
Tgt Ion:152 Resp: 164288

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

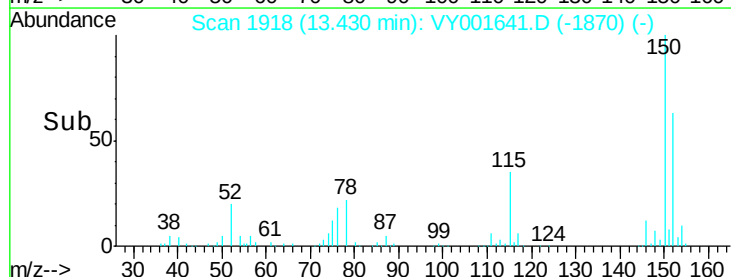
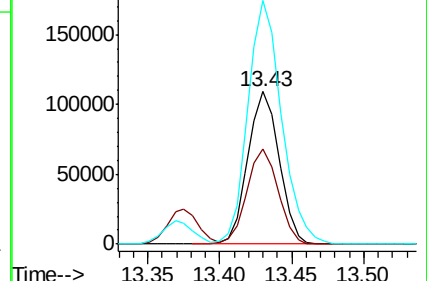
150 171.5 0.0 407.2

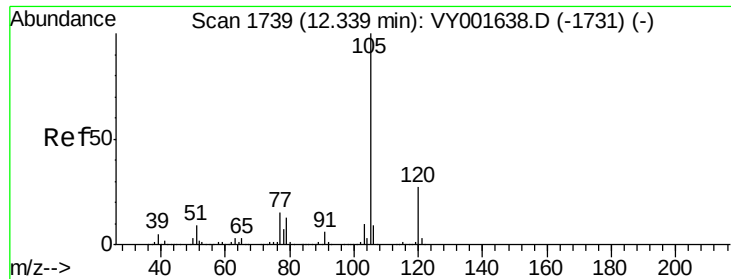


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

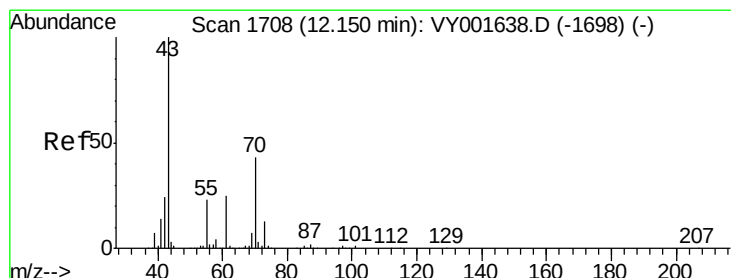
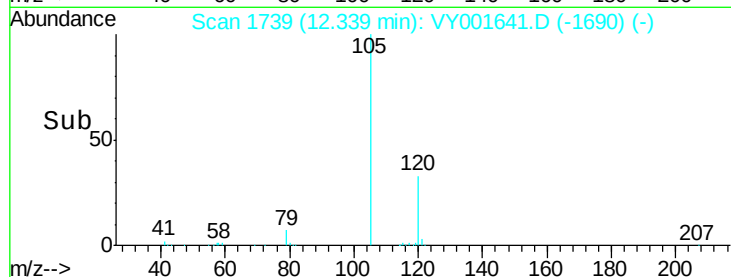
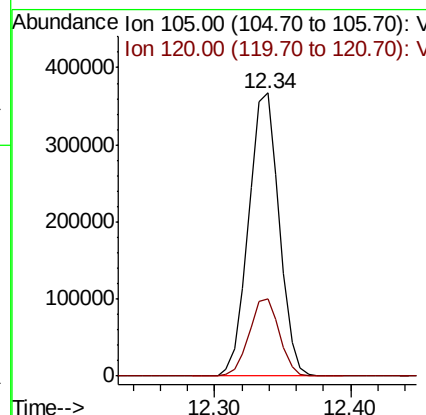
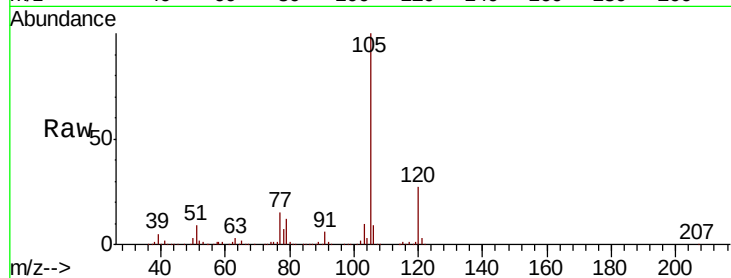




#73
Isopropylbenzene
Concen: 46.116 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

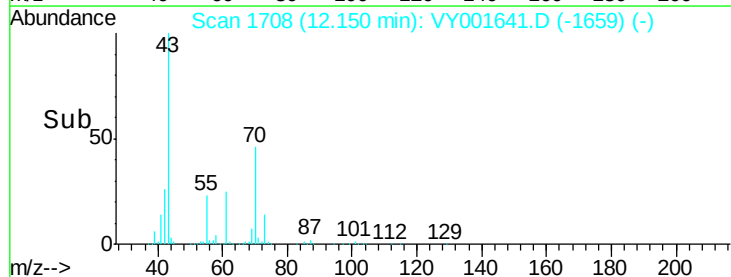
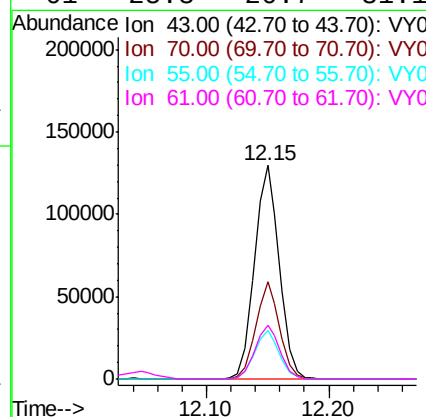
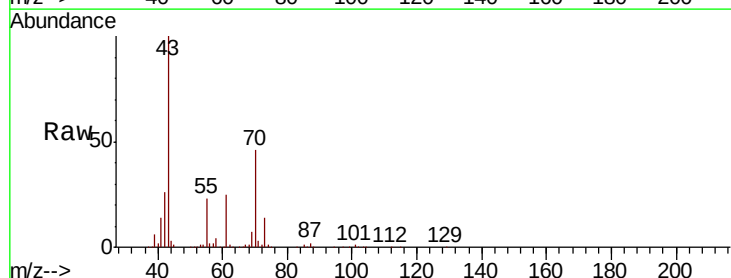
Instrument :
MSVOA_Y
ClientSampleId :

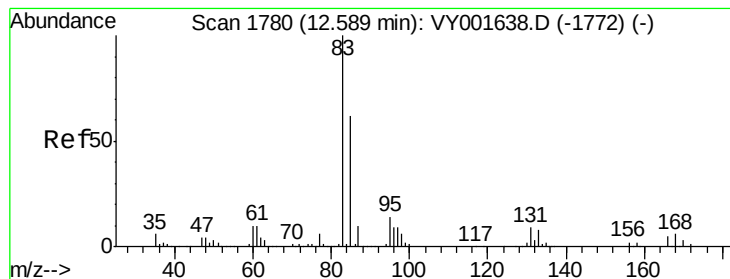
Tot Ion:105 Resp: 577178
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1



#74
N-ethyl acetate
Concen: 45.640 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001641.D
Acq: 17 Feb 2020 13:03

Tgt Ion: 43 Resp: 182300
Ion Ratio Lower Upper
43 100
70 43.8 35.9 53.9
55 22.8 18.3 27.5
61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.730 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

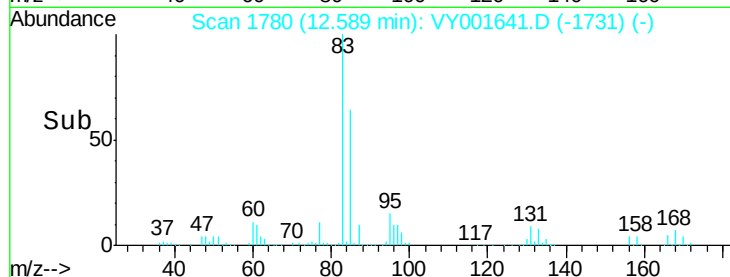
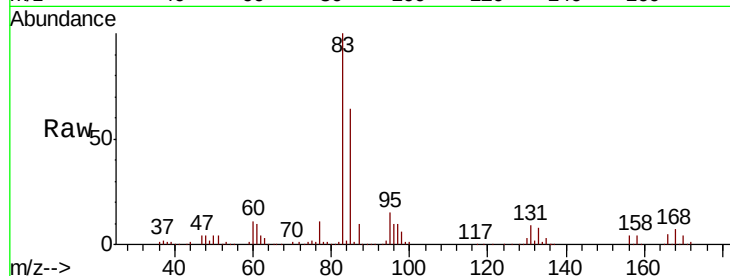
Tot Ion: 83 Resp: 124879

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.6 31.6 94.7

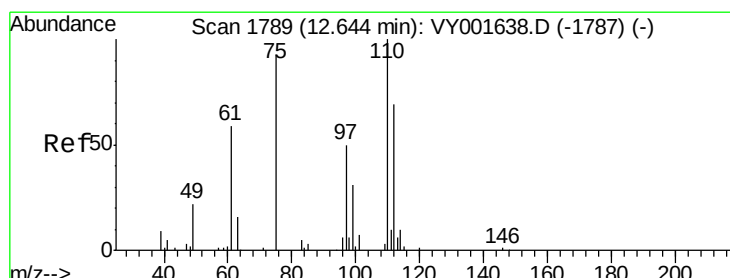
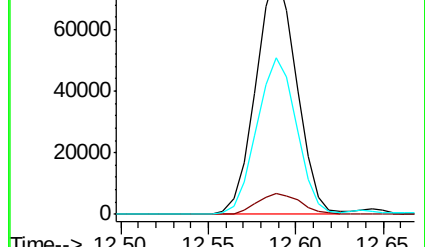


Abundance Ion 82.90 (82.60 to 83.60): VY001641.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001641.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001641.D (-1731) (-)

Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 85.435 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001641.D

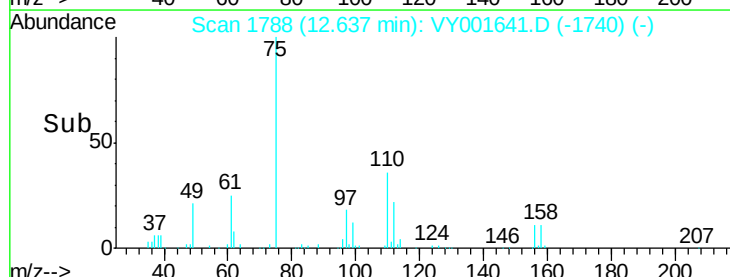
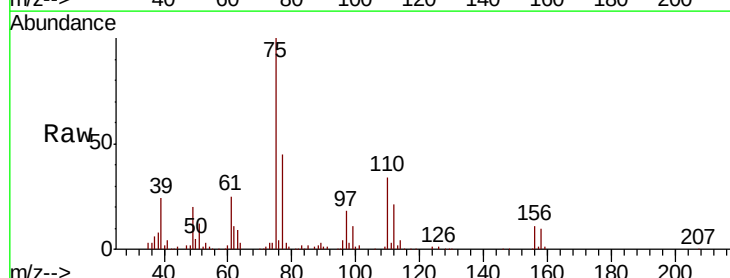
Acq: 17 Feb 2020 13:03

Tgt Ion: 75 Resp: 161010

Ion Ratio Lower Upper

75 100

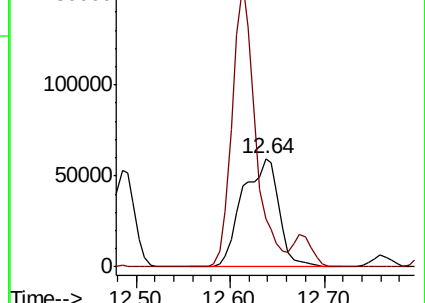
77 0.0 0.0 0.0

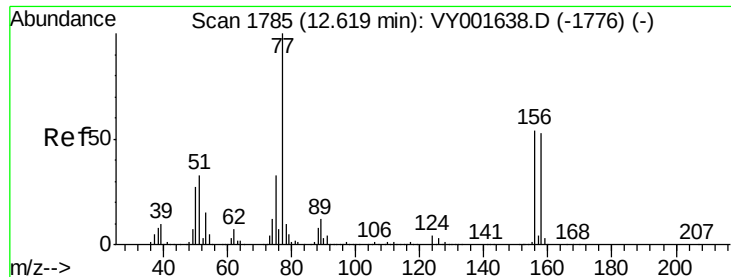


Abundance Ion 74.90 (74.60 to 75.60): VY001641.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001641.D (-1740) (-)

Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 45.213 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

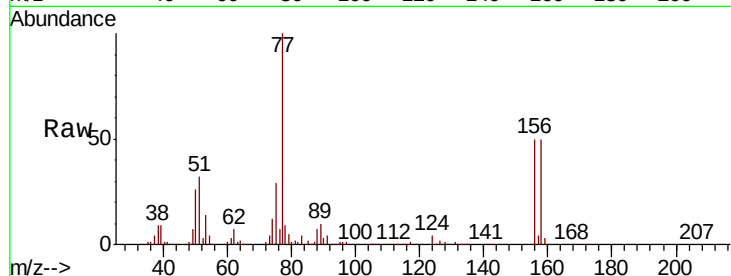
Tot Ion:156 Resp: 122672

Ion Ratio Lower Upper

156 100

77 218.8 110.1 330.1

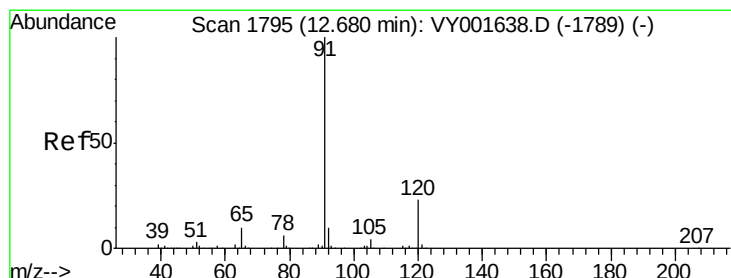
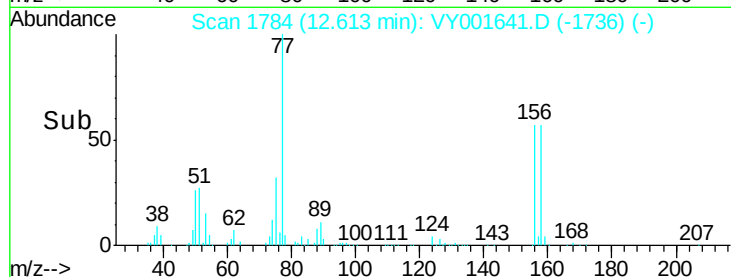
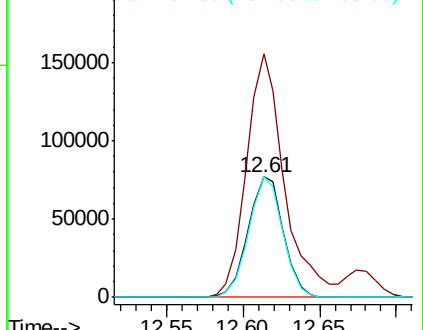
158 97.0 47.9 143.7



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: 46.926 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001641.D

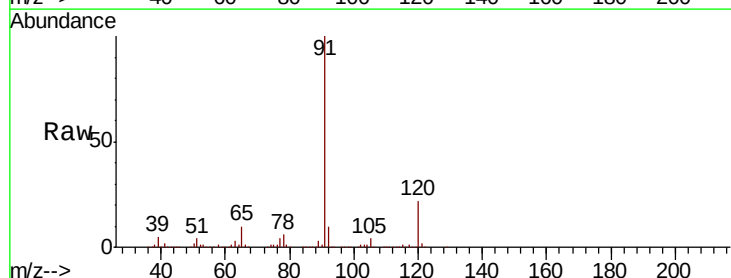
Acq: 17 Feb 2020 13:03

Tgt Ion: 91 Resp: 715291

Ion Ratio Lower Upper

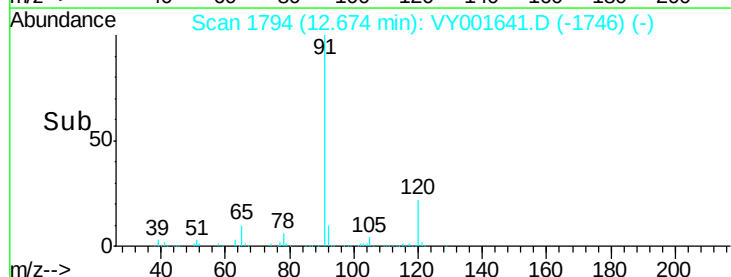
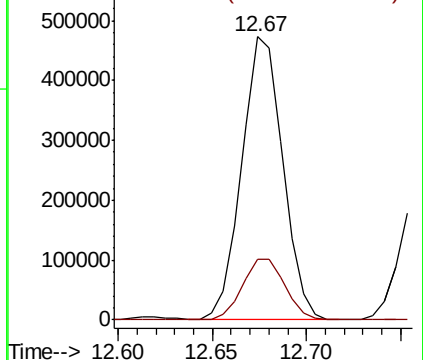
91 100

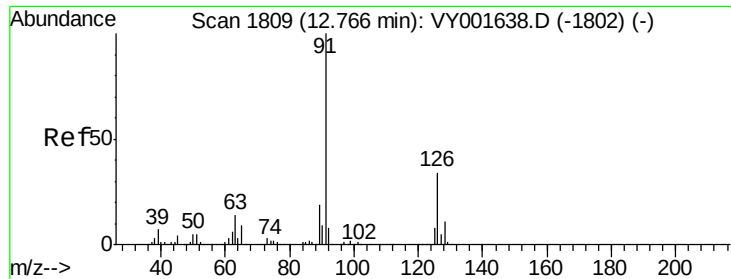
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

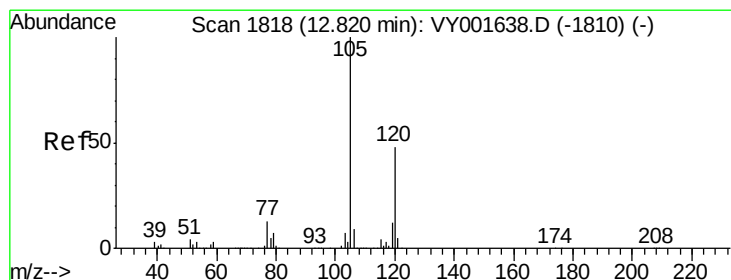
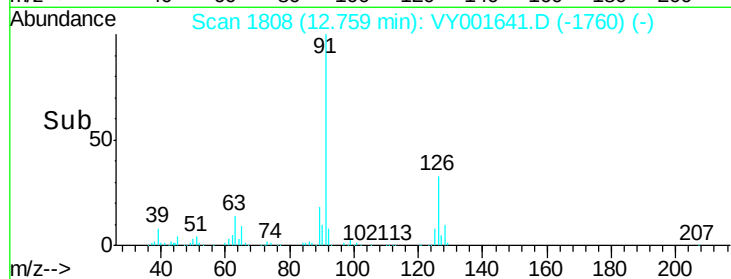
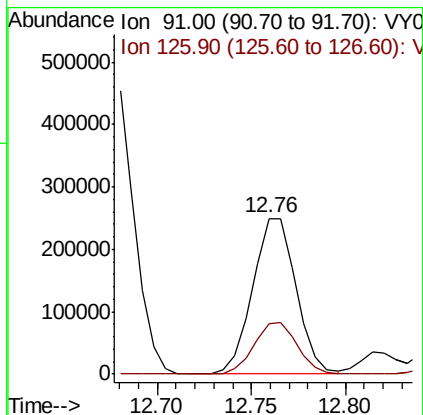
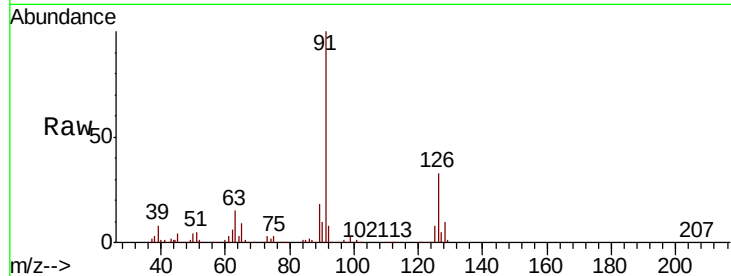




#79
 2-Chlorotoluene
 Concen: 46.782 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

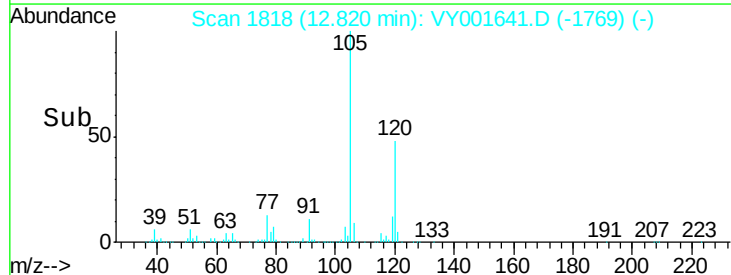
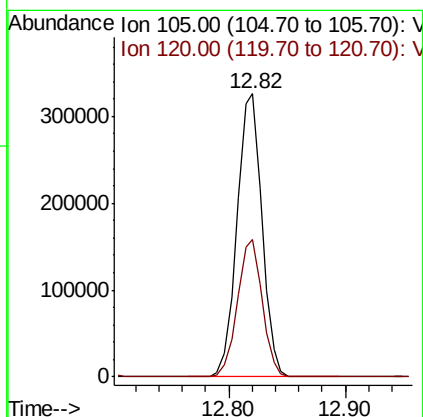
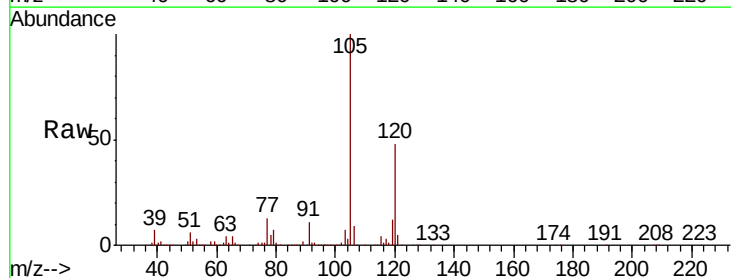
Instrument :
 MSVOA_Y
 ClientSampled :

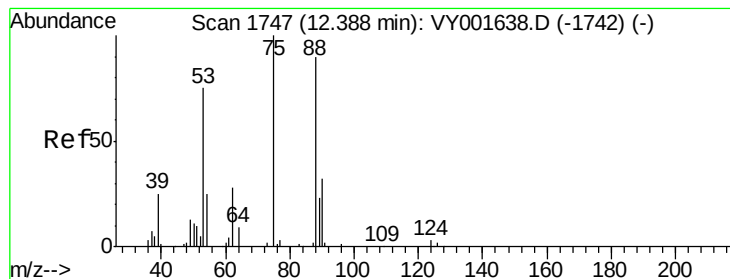
Tot Ion: 91 Resp: 399954
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 46.959 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion: 105 Resp: 486507
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 47.356 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

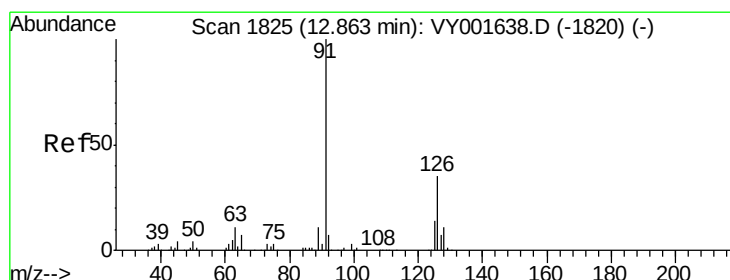
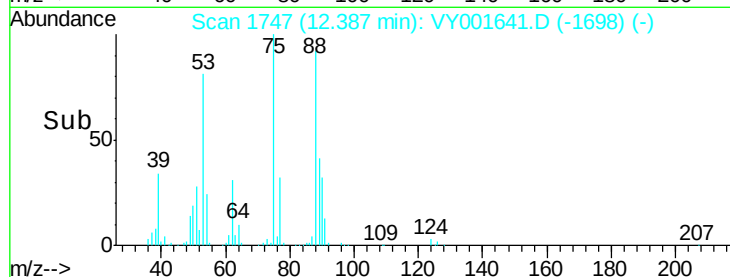
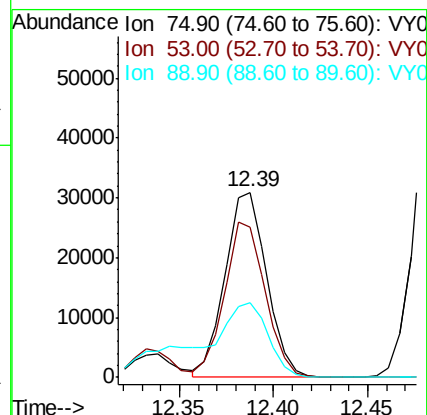
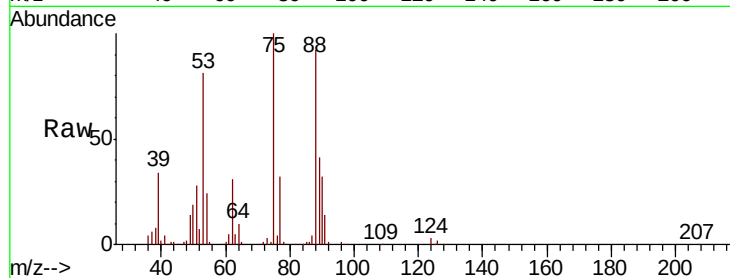
Tot Ion: 75 Resp: 47042

Ion Ratio Lower Upper

75 100

53 82.3 64.5 96.7

89 70.5 36.3 54.5#



#82

4-Chlorotoluene

Concen: 46.671 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001641.D

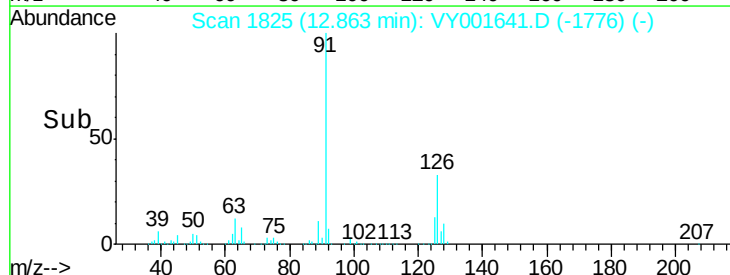
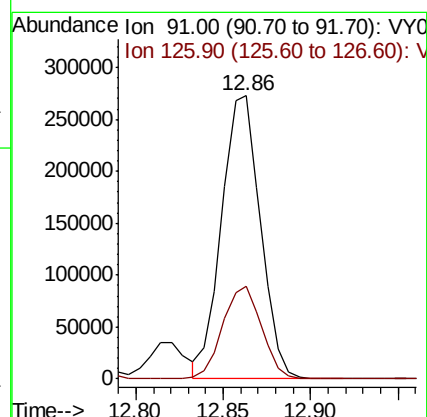
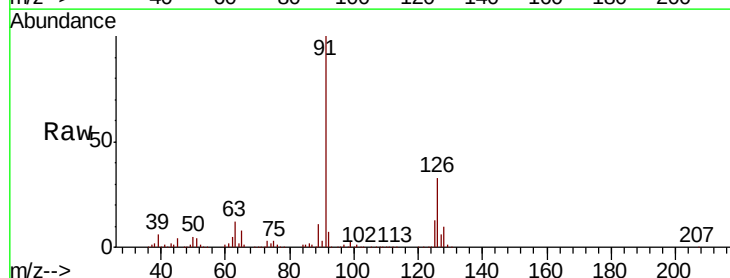
Acq: 17 Feb 2020 13:03

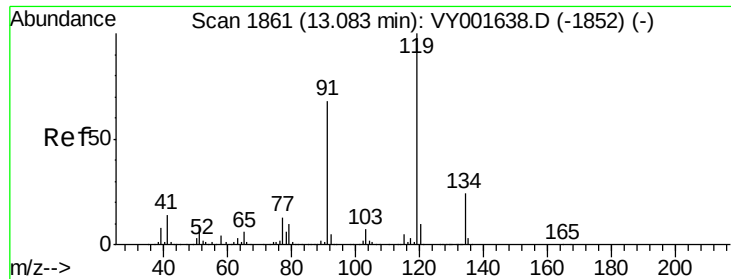
Tgt Ion: 91 Resp: 420831

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6

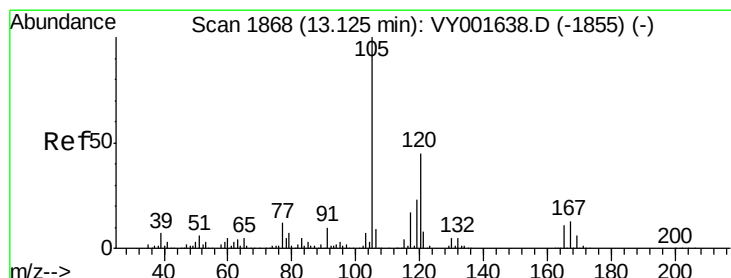
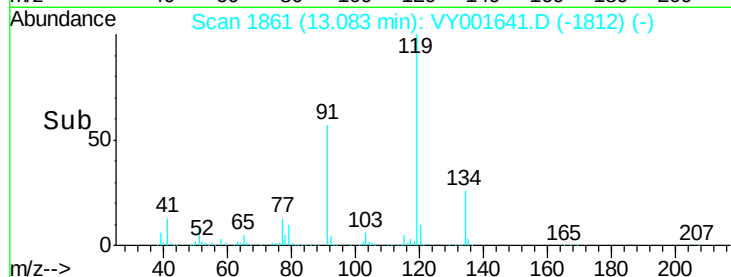
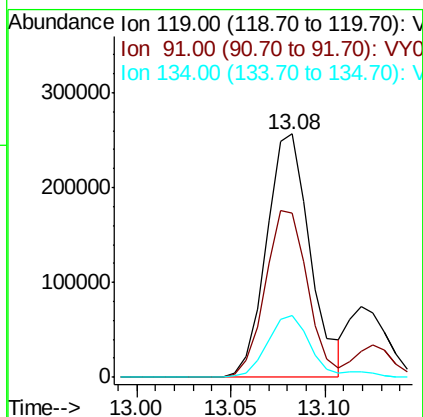
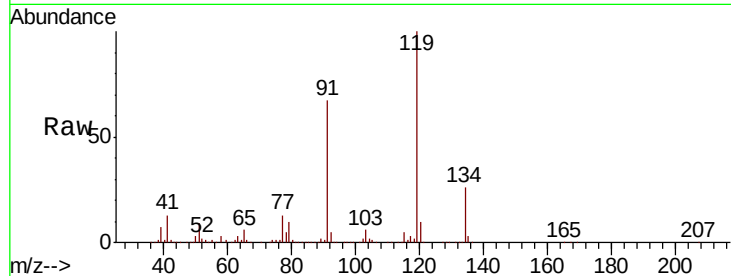




#83
 tert-Butylbenzene
 Concen: 47.669 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

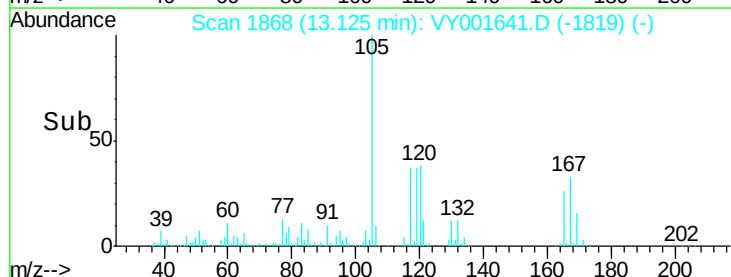
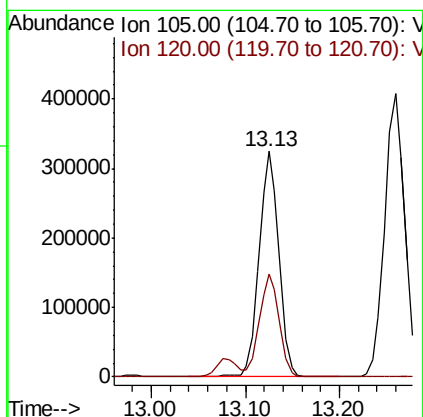
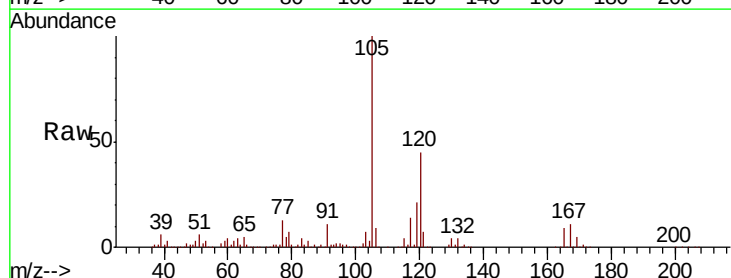
Instrument :
 MSVOA_Y
 ClientSampleId :

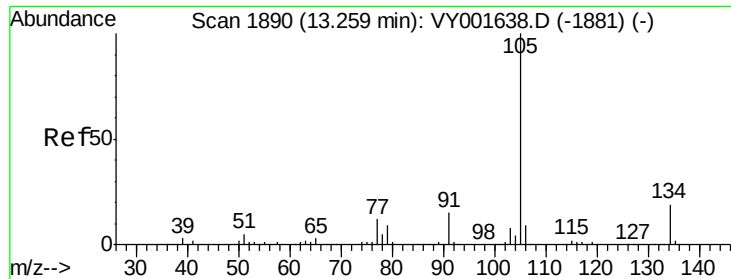
Tot Ion:119 Resp: 413050
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.5 100.5
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 46.578 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion:105 Resp: 481093
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 47.226 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

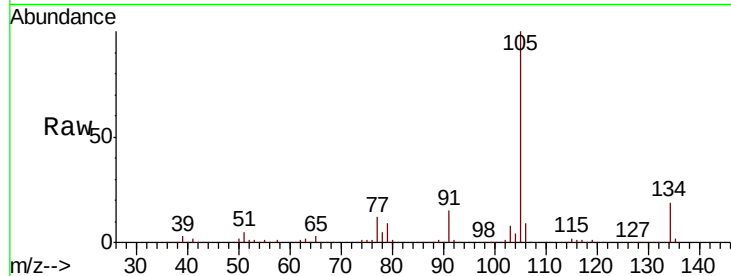
ClientSampled :

Tot Ion:105 Resp: 601853

Ion Ratio Lower Upper

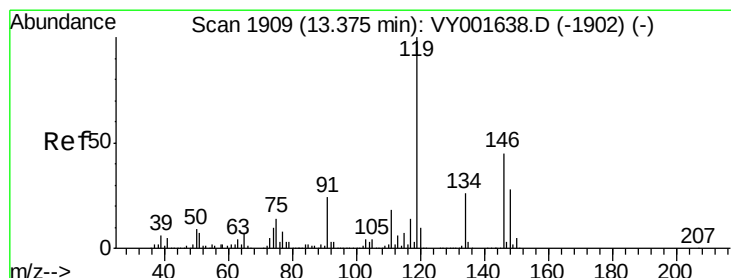
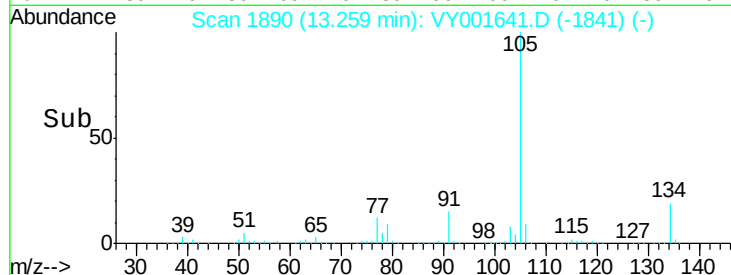
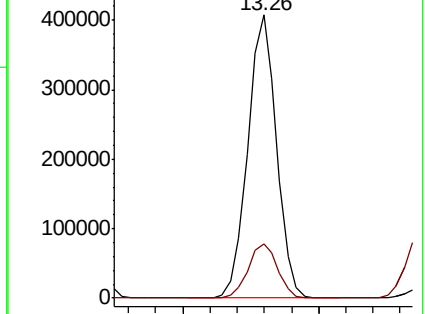
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.987 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

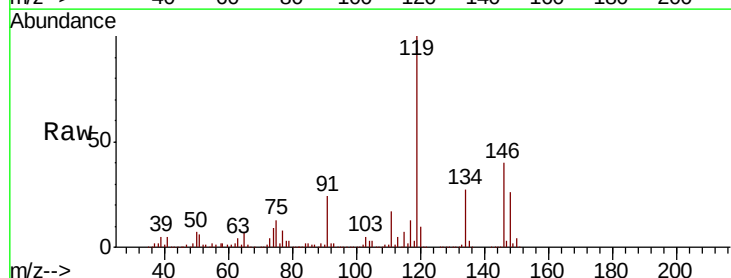
Tgt Ion:119 Resp: 520202

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

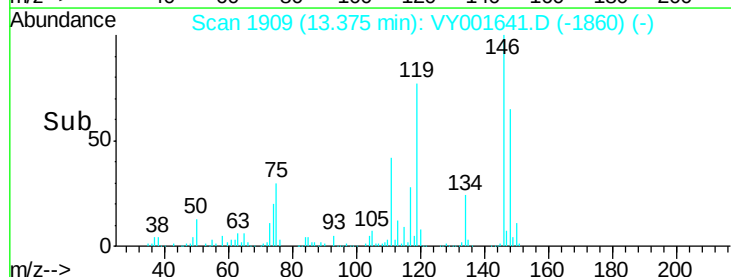
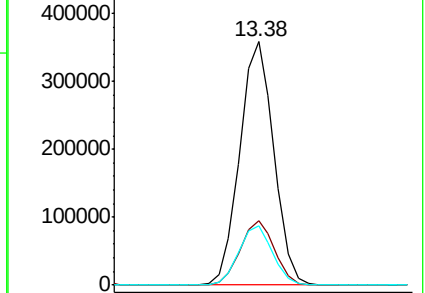
91 24.1 12.2 36.6

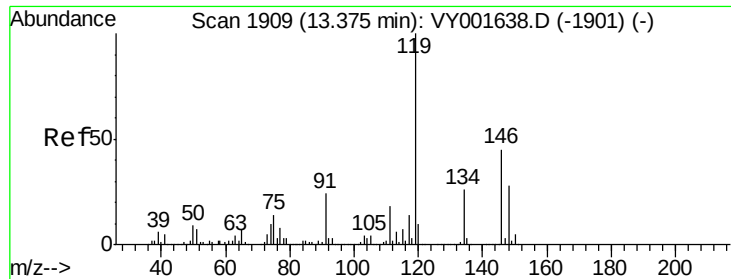


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

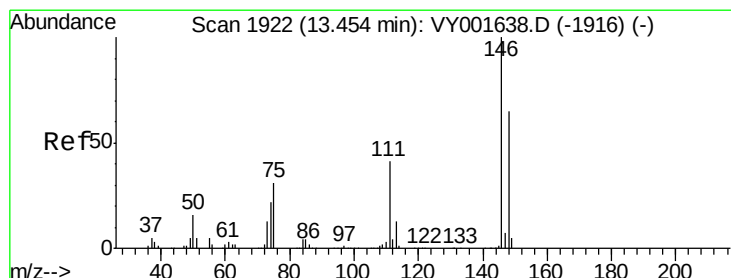
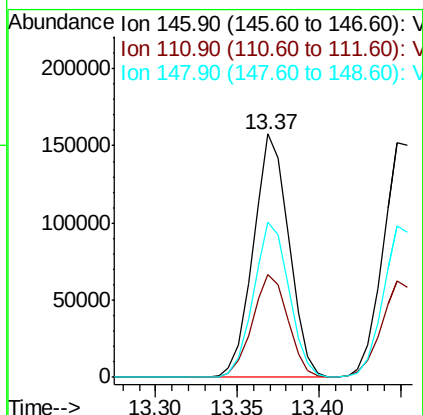
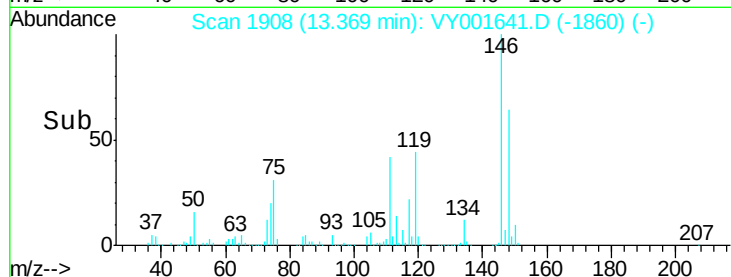
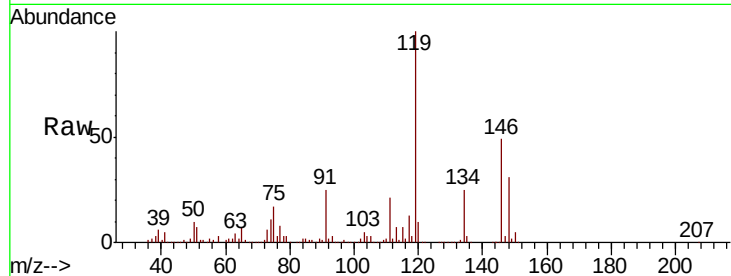




#87
 1,3-Dichlorobenzene
 Concen: 45.521 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

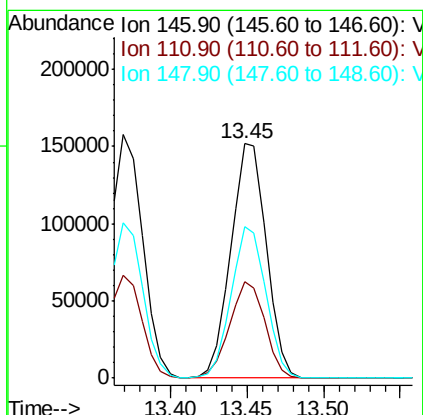
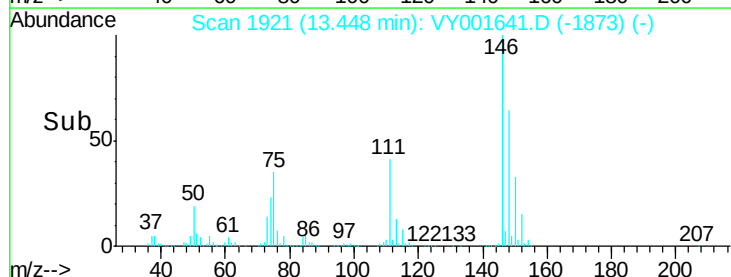
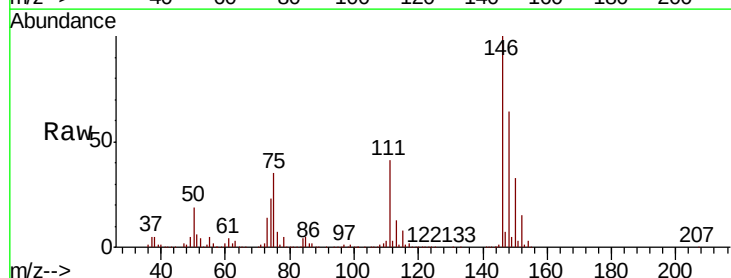
Instrument :
 MSVOA_Y
 ClientSampleId :

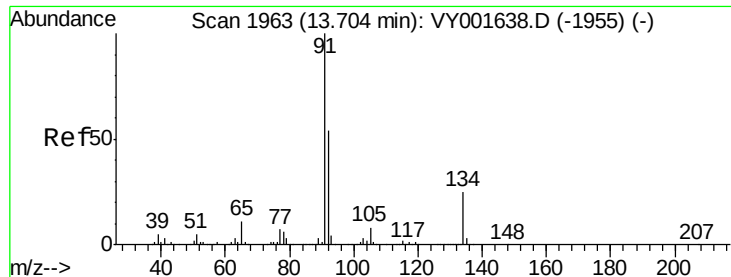
Tot Ion:146 Resp: 239528
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 63.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 45.897 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion:146 Resp: 244128
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 47.359 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

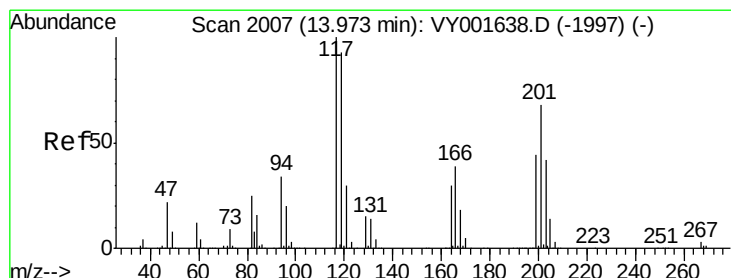
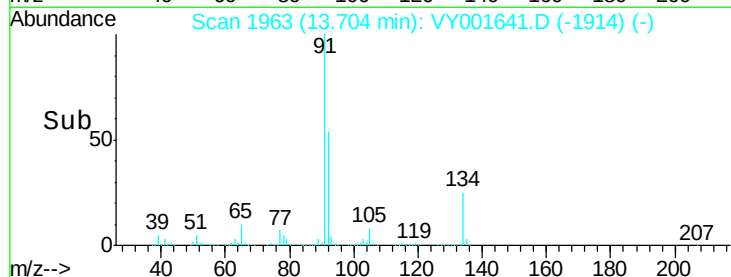
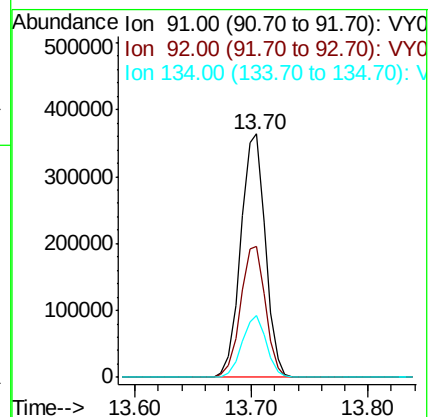
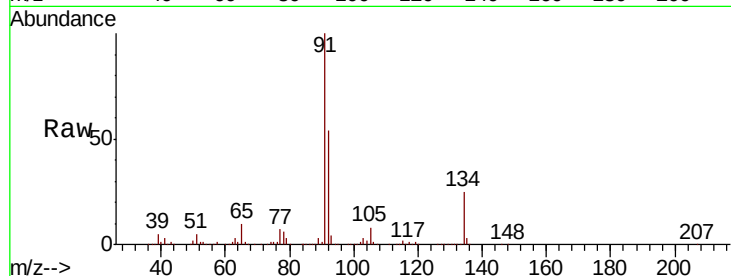
Tot Ion: 91 Resp: 535755

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	24.7	12.4	37.4

91 100

92 54.2 27.5 82.4

134 24.7 12.4 37.4



#90

Hexachloroethane

Concen: 46.472 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001641.D

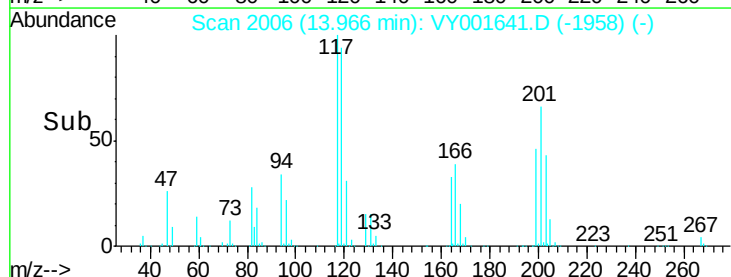
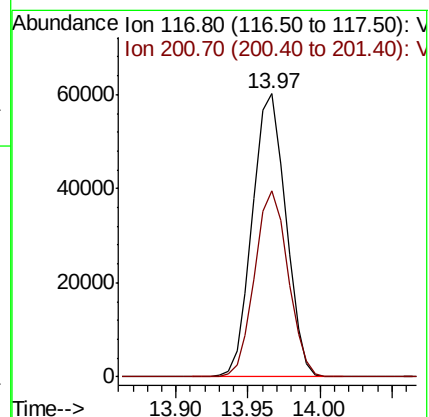
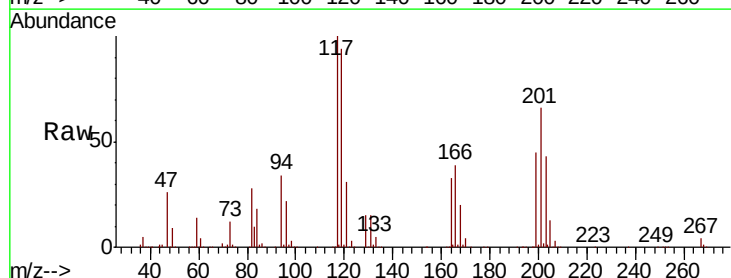
Acq: 17 Feb 2020 13:03

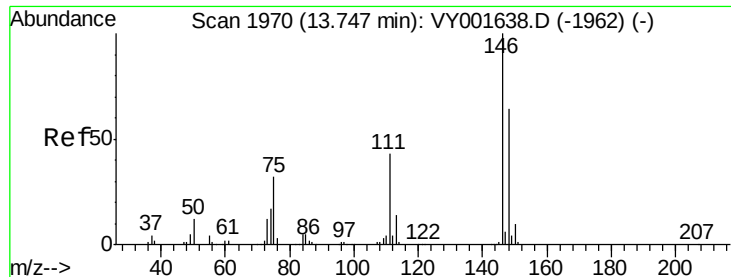
Tgt Ion: 117 Resp: 96936

Ion	Ratio	Lower	Upper
117	100		
201	65.6	32.5	97.4

117 100

201 65.6 32.5 97.4

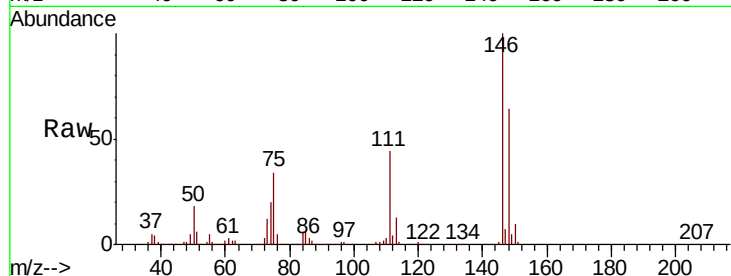




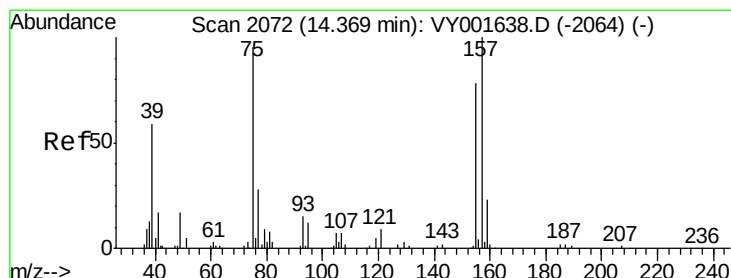
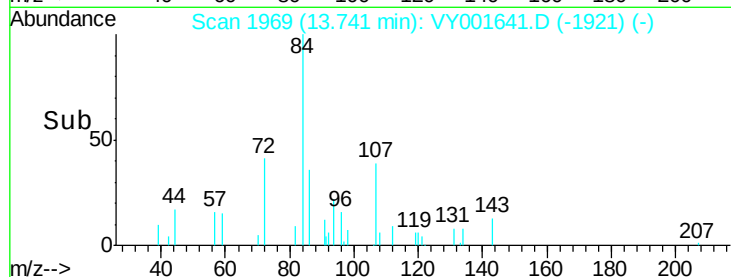
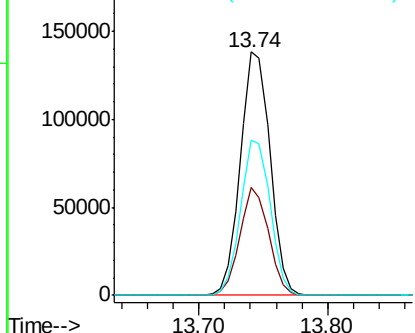
#91
 1,2-Dichlorobenzene
 Concen: 45.504 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.9	65.7
148	63.6	31.5	94.5

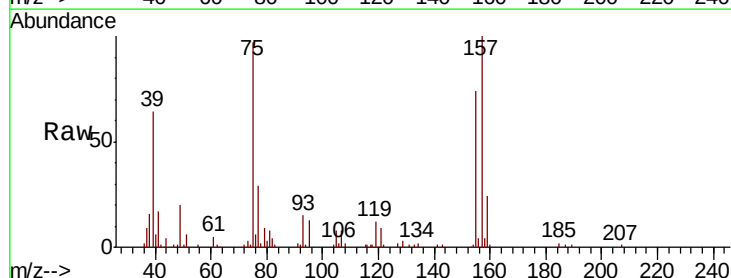


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

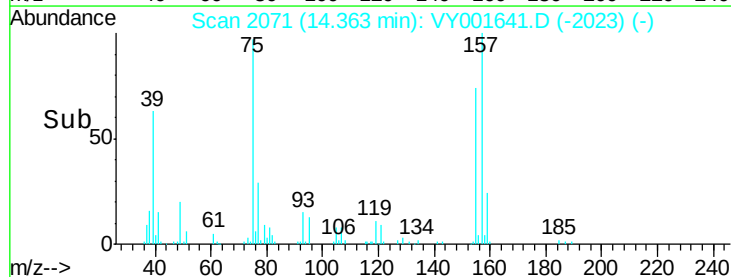
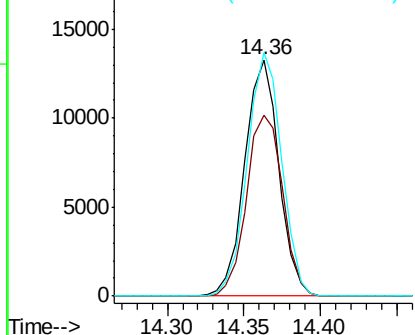


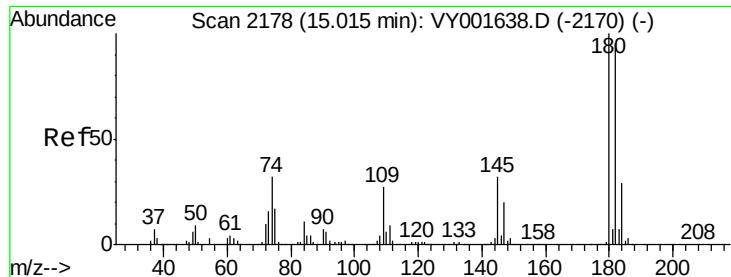
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.677 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	40.8	122.4
157	103.9	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

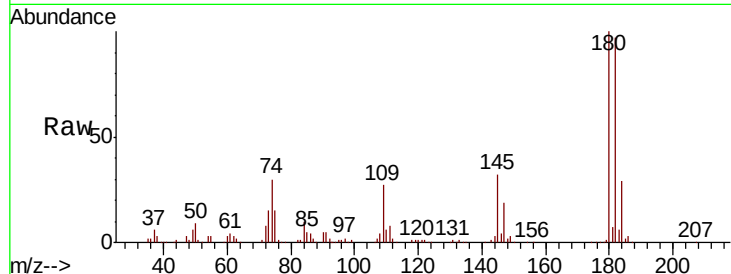




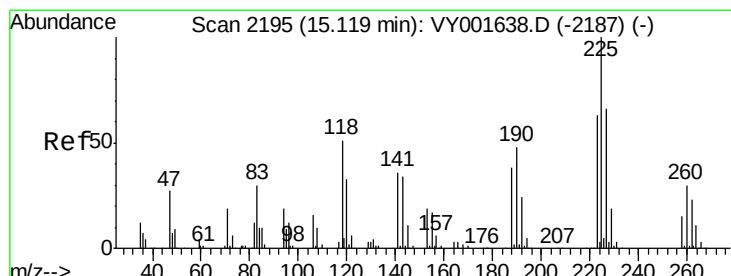
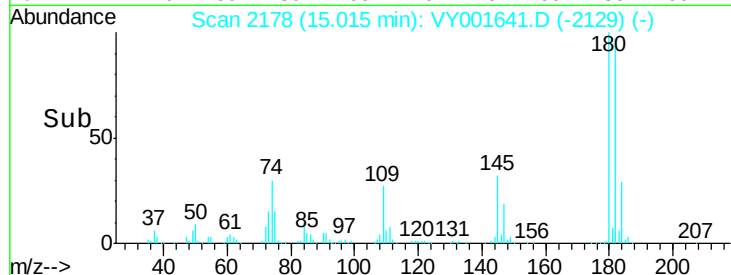
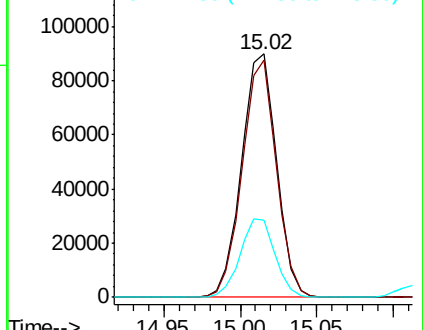
#93
 1,2,4-Trichlorobenzene
 Concen: 44.380 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.8	140.3
145	32.1	16.2	48.5

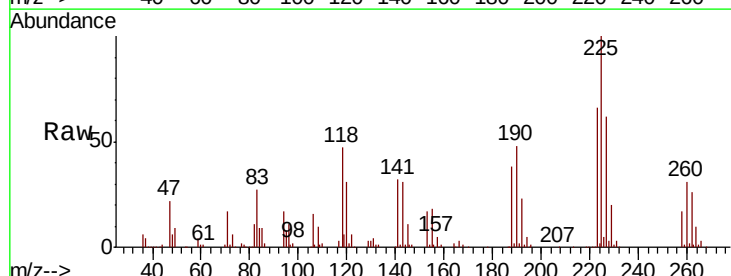


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

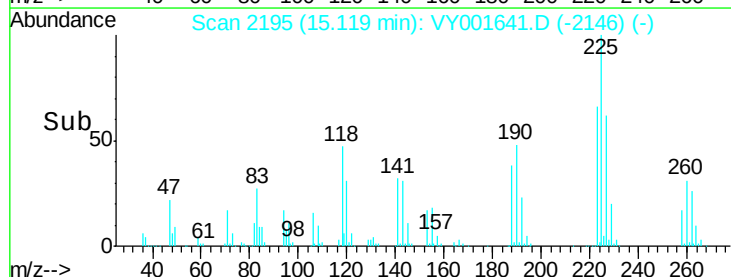
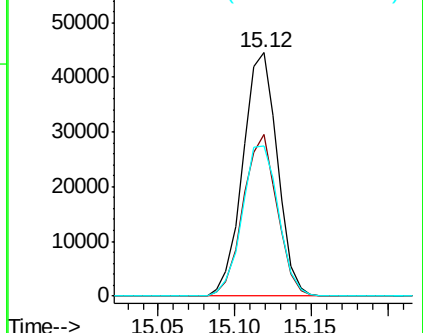


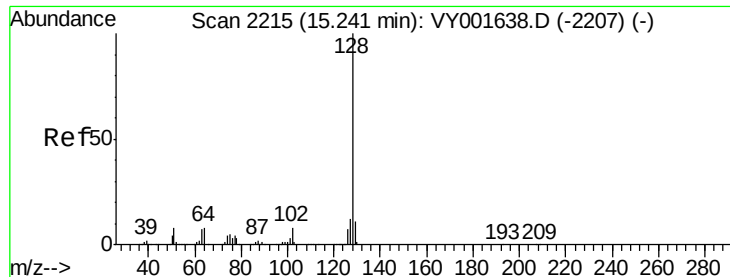
#94
 Hexachlorobutadiene
 Concen: 43.551 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001641.D
 Acq: 17 Feb 2020 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.4	94.0
227	64.9	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: 46.131 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

Instrument :

MSVOA_Y

ClientSampled :

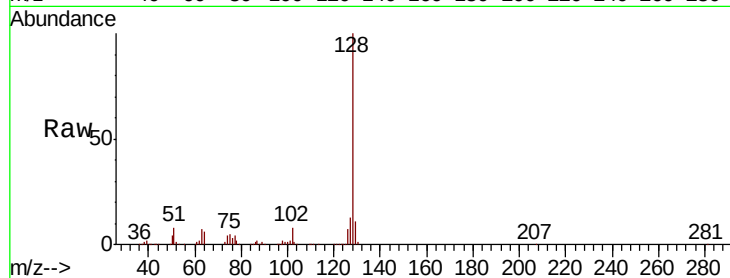
Tot Ion:128 Resp: 342278

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

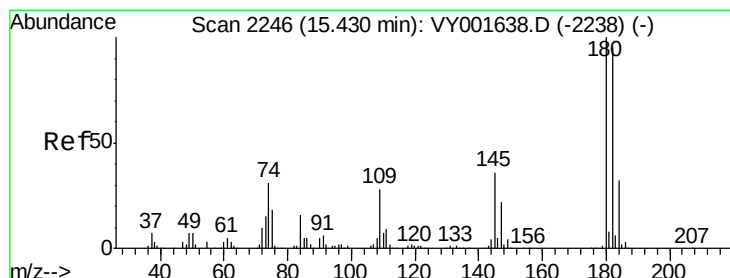
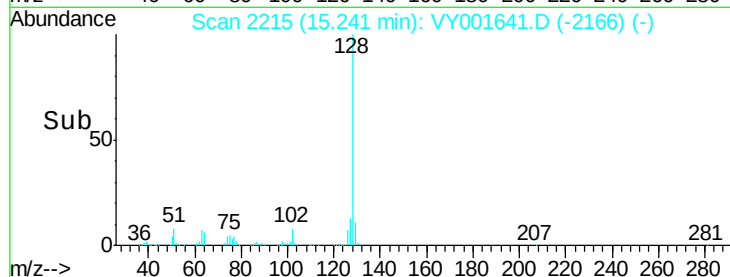
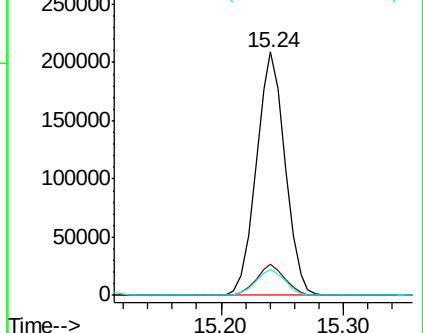
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.440 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001641.D

Acq: 17 Feb 2020 13:03

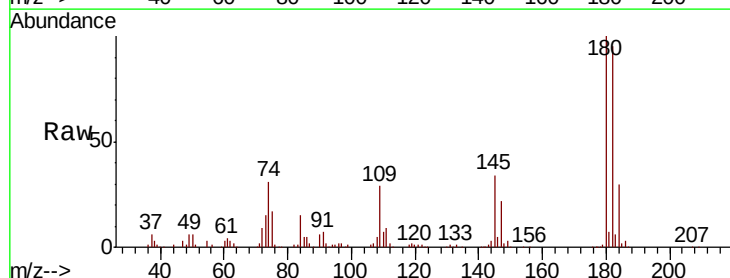
Tgt Ion:180 Resp: 125812

Ion Ratio Lower Upper

180 100

182 94.1 47.2 141.6

145 34.3 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

