

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000894.D
 Acq On : 06 Dec 2019 12:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 17:21:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	547429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169906	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	7.72	113	173802	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	10.18	98	733400	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	245329	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	176020	45.007	ug/l	95
3) Chloromethane	2.12	50	208268	43.201	ug/l	99
4) Vinyl Chloride	2.25	62	225137	47.385	ug/l	100
5) Bromomethane	2.65	94	123824	42.535	ug/l	98
6) Chloroethane	2.80	64	136932	47.006	ug/l	99
7) Trichlorofluoromethane	3.13	101	338355	51.964	ug/l	94
8) Diethyl Ether	3.54	74	121801	49.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	212978	52.966	ug/l	98
10) Methyl Iodide	4.10	142	282946	55.889	ug/l	98
11) Tert butyl alcohol	4.99	59	78353	201.736	ug/l	100
12) 1,1-Dichloroethene	3.88	96	213166	53.512	ug/l	92
13) Acrolein	3.74	56	73965	193.325	ug/l	100
14) Allyl chloride	4.48	41	345554	50.591	ug/l	97
15) Acrylonitrile	5.18	53	294406	232.644	ug/l	98
16) Acetone	3.96	43	185018	208.921	ug/l	99
17) Carbon Disulfide	4.19	76	659793	51.212	ug/l	100
18) Methyl Acetate	4.49	43	162820	43.971	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	532494	50.053	ug/l	99
20) Methylene Chloride	4.72	84	240844	51.593	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	234528	51.798	ug/l	99
22) Diisopropyl ether	6.13	45	701903	49.998	ug/l	97
23) Vinyl Acetate	6.07	43	2052803	240.531	ug/l	98
24) 1,1-Dichloroethane	6.03	63	402304	51.995	ug/l	99
25) 2-Butanone	7.00	43	354410	216.643	ug/l	94
26) 2,2-Dichloropropane	6.99	77	340480	52.283	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	261463	53.423	ug/l	97
28) Bromochloromethane	7.34	49	145365	51.190	ug/l	99
29) Tetrahydrofuran	7.36	42	238554	220.059	ug/l	98
30) Chloroform	7.52	83	385018	49.603	ug/l	98
31) Cyclohexane	7.79	56	405097	49.422	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	336187	52.452	ug/l	98
36) 1,1-Dichloropropene	7.93	75	323567	51.447	ug/l	100
37) Ethyl Acetate	7.09	43	160106	44.088	ug/l	100
38) Carbon Tetrachloride	7.91	117	292872	52.289	ug/l	99

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

39) Methylcyclohexane	9.18	83	431888	51.831	ug/l	99
40) Benzene	8.17	78	951846	51.958	ug/l	98
41) Methacrylonitrile	7.35	41	211243	110.366	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	231828	48.118	ug/l	99
43) Isopropyl Acetate	8.28	43	308143	45.027	ug/l	96
44) Trichloroethene	8.94	130	249808	53.059	ug/l	93
45) 1,2-Dichloropropane	9.22	63	238532	51.837	ug/l	93
46) Dibromomethane	9.31	93	119988	49.906	ug/l	99
47) Bromodichloromethane	9.50	83	293345	51.937	ug/l	99
48) Methyl methacrylate	9.30	41	135866	45.148	ug/l	93
49) 1,4-Dioxane	9.31	88	30105	883.699	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	799745	226.178	ug/l	100
52) Toluene	10.24	92	589276	51.952	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	315989	52.074	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	375823	52.398	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	177243	49.897	ug/l	96
56) Ethyl methacrylate	10.51	69	259834	51.133	ug/l	97
57) 1,3-Dichloropropane	10.79	76	314603	50.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	446307	217.824	ug/l	99
59) 2-Hexanone	10.83	43	579296	224.835	ug/l	98
60) Dibromochloromethane	10.99	129	197336	51.605	ug/l	99
61) 1,2-Dibromoethane	11.09	107	171860	51.336	ug/l	100
64) Tetrachloroethene	10.72	164	252743	53.140	ug/l	96
65) Chlorobenzene	11.51	112	605877	53.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	209147	54.539	ug/l	99
67) Ethyl Benzene	11.59	91	1131452	53.390	ug/l	99
68) m/p-Xylenes	11.70	106	844884	106.216	ug/l	100
69) o-Xylene	12.03	106	395728	53.356	ug/l	99
70) Styrene	12.04	104	685310	53.963	ug/l	99
71) Bromoform	12.20	173	113576	52.513	ug/l #	98
73) Isopropylbenzene	12.33	105	1078511	53.640	ug/l	100
74) N-amyl acetate	12.14	43	269764	48.204	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	195562	49.363	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	276554	96.662	ug/l #	100
77) Bromobenzene	12.61	156	228563	52.443	ug/l	98
78) n-propylbenzene	12.67	91	1318344	53.700	ug/l	100
79) 2-Chlorotoluene	12.75	91	720834	53.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	897575	53.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74875	51.406	ug/l	96
82) 4-Chlorotoluene	12.85	91	755115	54.040	ug/l	99
83) tert-Butylbenzene	13.07	119	735111	52.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	884785	53.123	ug/l	99
85) sec-Butylbenzene	13.25	105	1091837	53.638	ug/l	99
86) p-Isopropyltoluene	13.36	119	950157	53.666	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	451925	52.858	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	446296	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	958303	53.535	ug/l	99
90) Hexachloroethane	13.95	117	180296	55.281	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	406528	52.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32389	48.834	ug/l	99

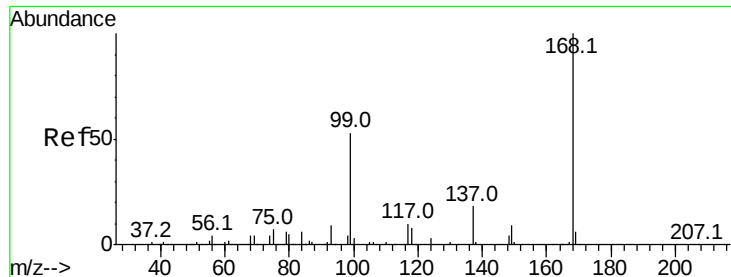
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	278674	53.551	ug/l	99
94) Hexachlorobutadiene	15.11	225	136989	53.095	ug/l	99
95) Naphthalene	15.23	128	624765	51.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246861	53.108	ug/l	99

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

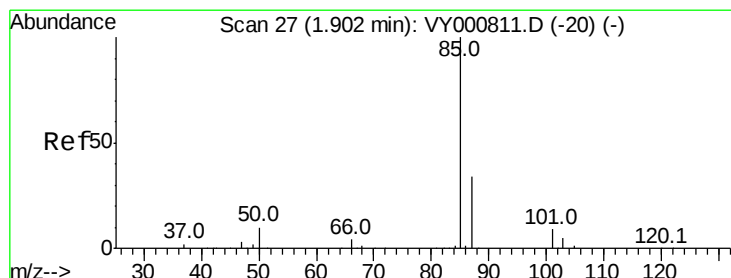
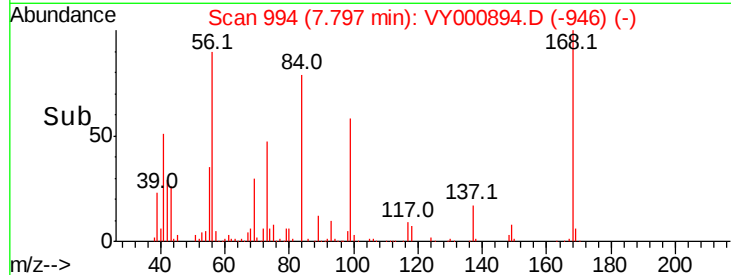
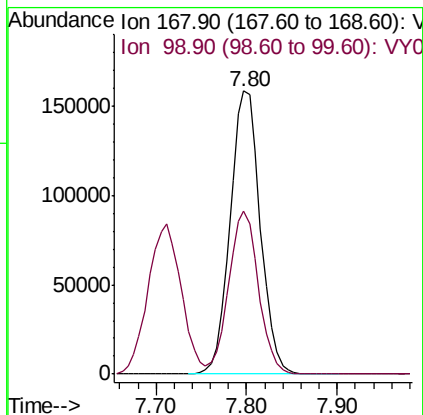
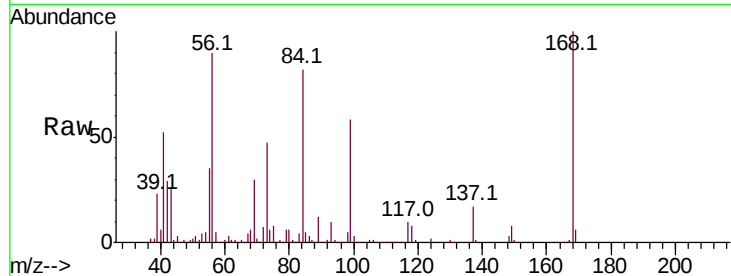


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

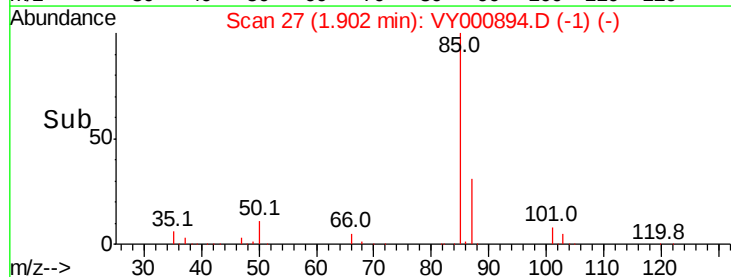
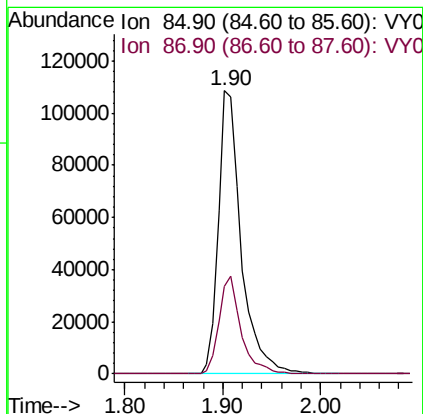
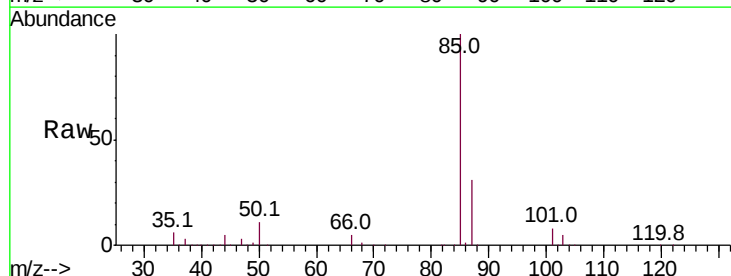
Tot Ion:168 Resp: 363310
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.0 67.6

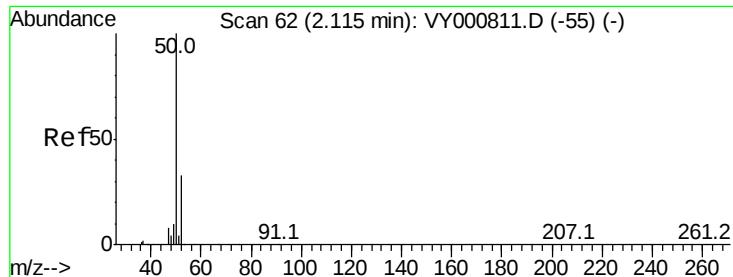


#2

Dichlorodifluoromethane
 Concen: 45.007 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 85 Resp: 176020
 Ion Ratio Lower Upper
 85 100
 87 30.8 16.8 50.3





#3

Chloromethane

Concen: 43.201 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

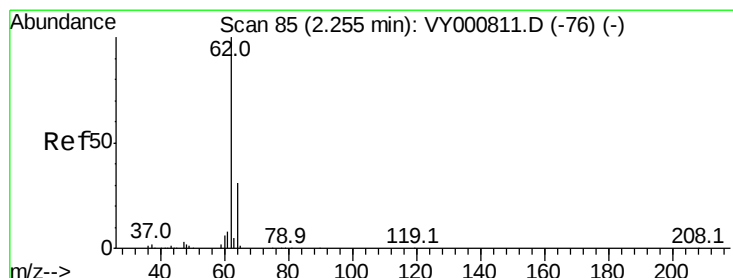
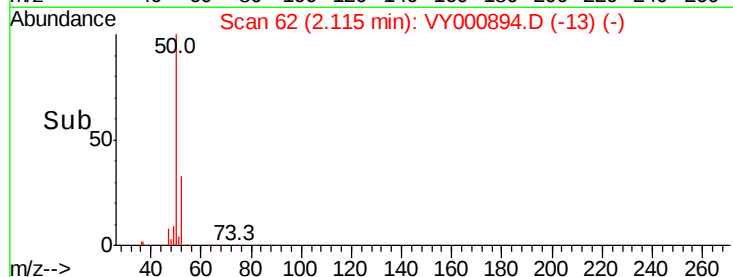
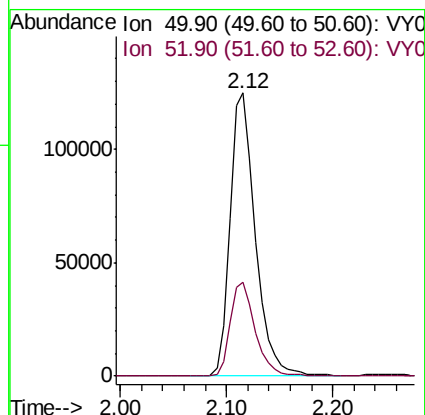
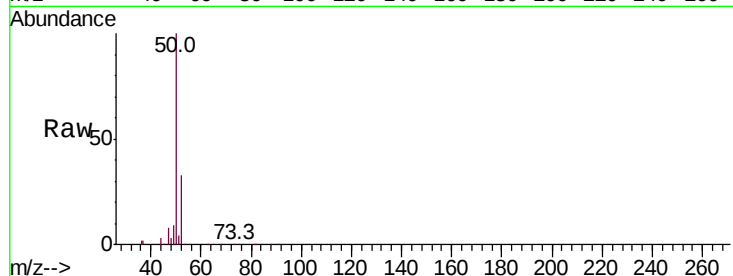
ClientSampled :

Tot Ion: 50 Resp: 208268

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 47.385 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000894.D

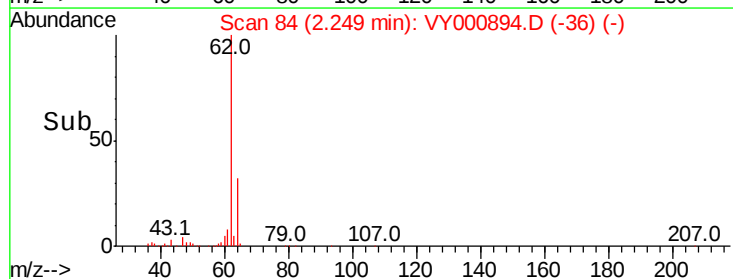
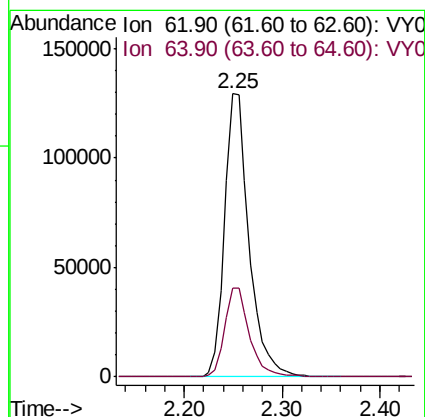
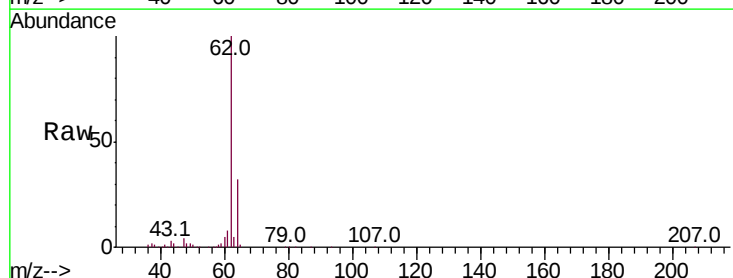
Acq: 06 Dec 2019 12:02

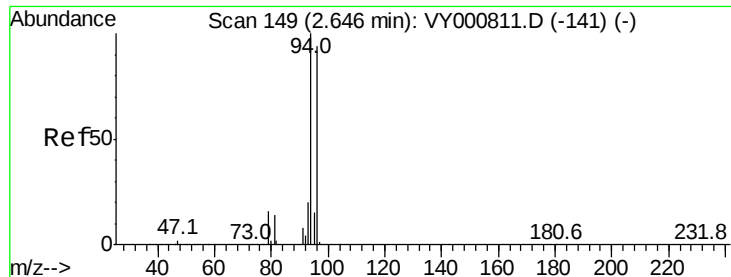
Tgt Ion: 62 Resp: 225137

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 42.535 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

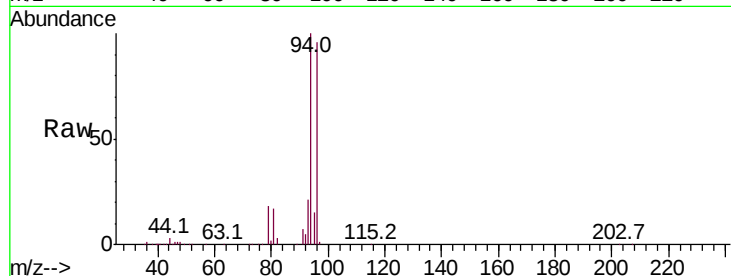
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 123824

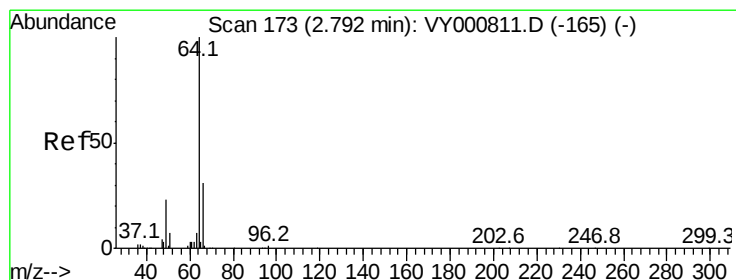
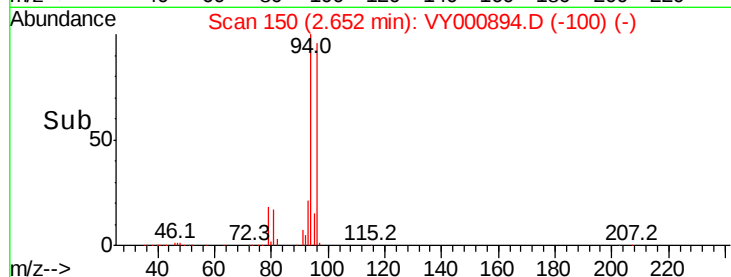
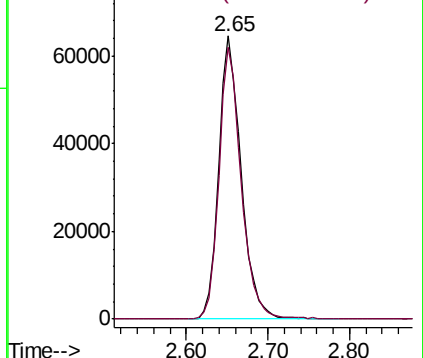
Ion Ratio Lower Upper

94 100

96 95.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.006 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000894.D

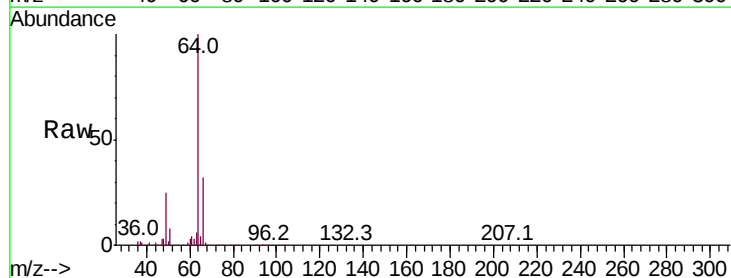
Acq: 06 Dec 2019 12:02

Tgt Ion: 64 Resp: 136932

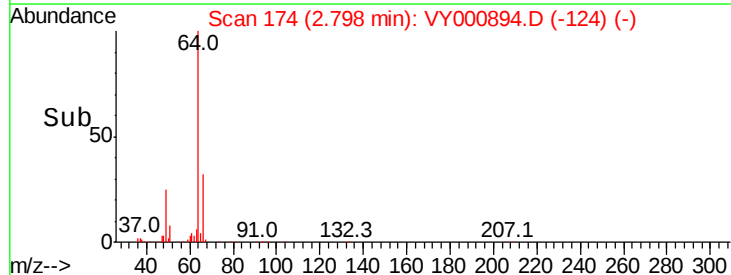
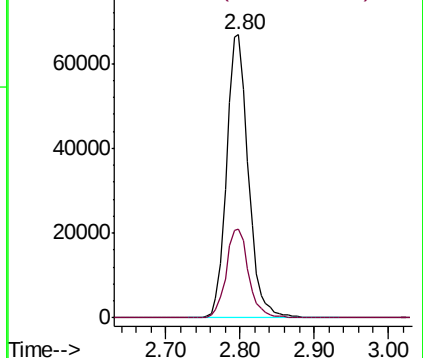
Ion Ratio Lower Upper

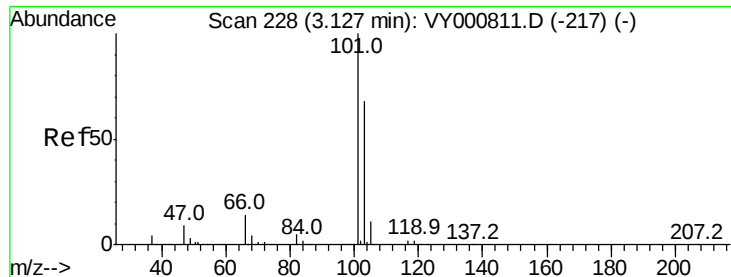
64 100

66 31.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



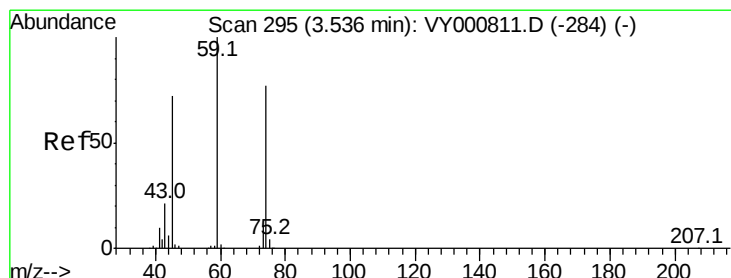
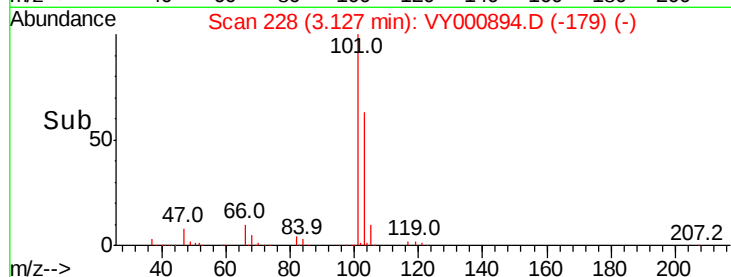
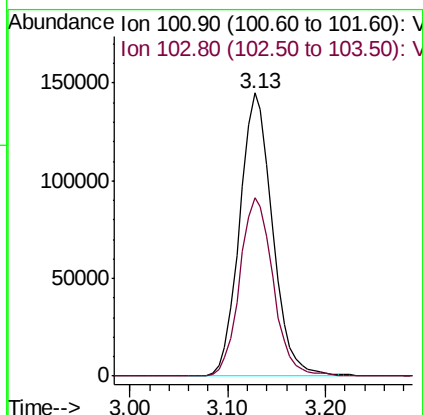
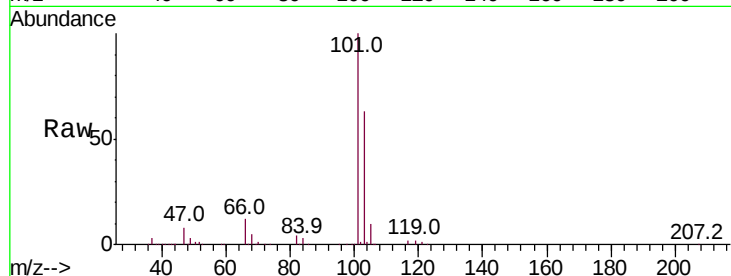


#7

Trichlorofluoromethane
 Concen: 51.964 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

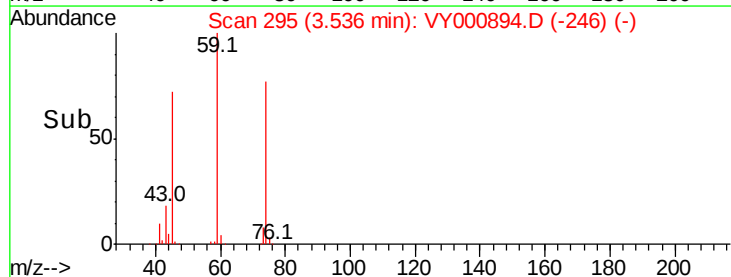
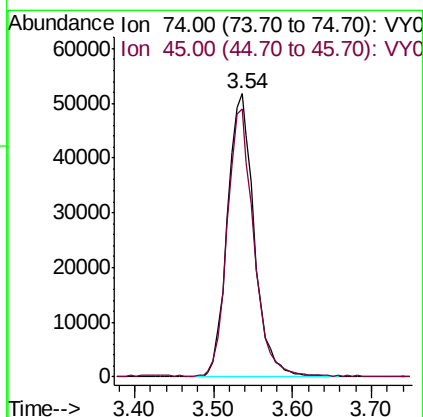
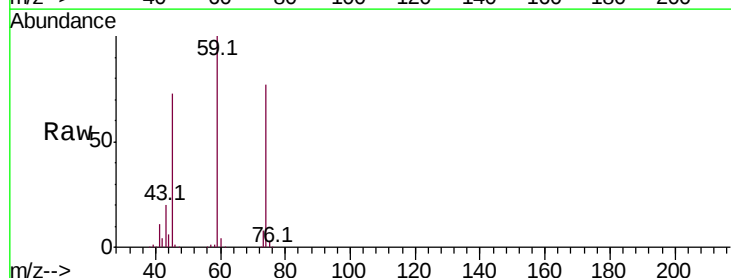
Tot Ion:101 Resp: 338355
 Ion Ratio Lower Upper
 101 100
 103 63.0 54.2 81.2

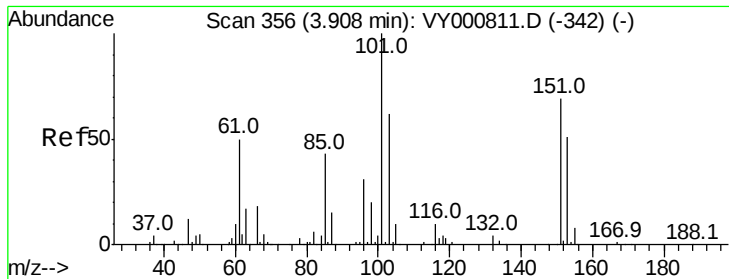


#8

Diethyl Ether
 Concen: 49.700 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 74 Resp: 121801
 Ion Ratio Lower Upper
 74 100
 45 93.6 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.966 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

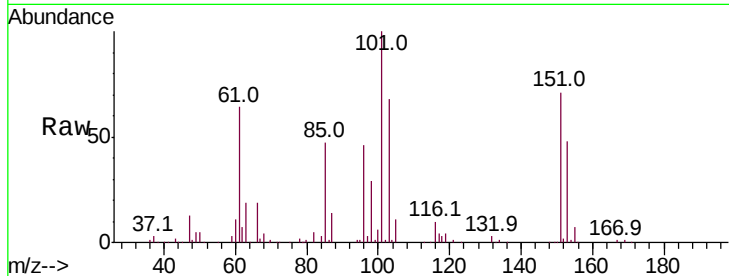
Tot Ion:101 Resp: 212978

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

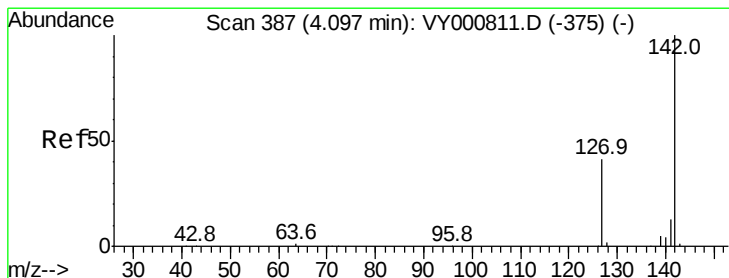
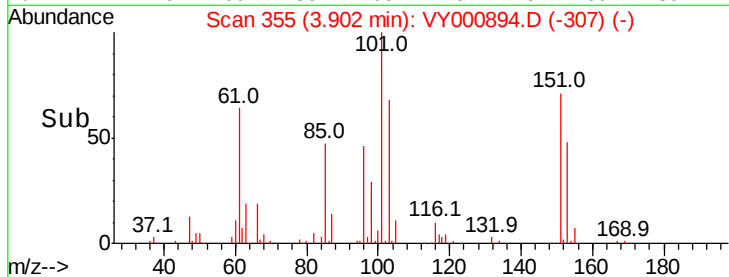
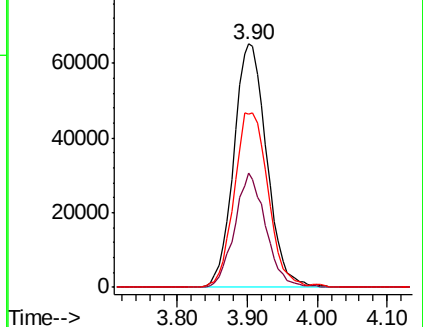
151 74.4 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.889 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

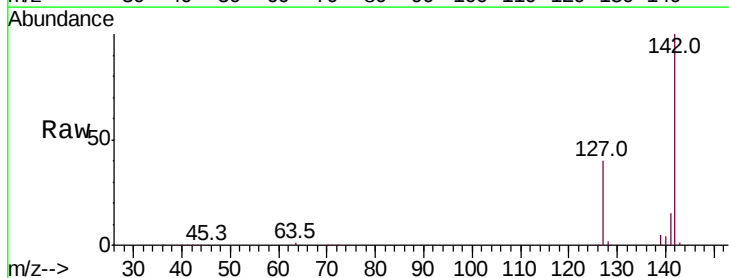
Tgt Ion:142 Resp: 282946

Ion Ratio Lower Upper

142 100

127 40.5 33.8 50.8

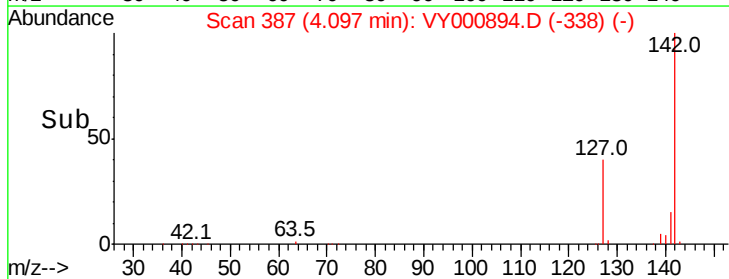
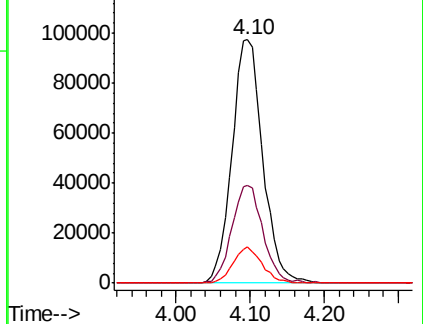
141 13.9 10.9 16.3

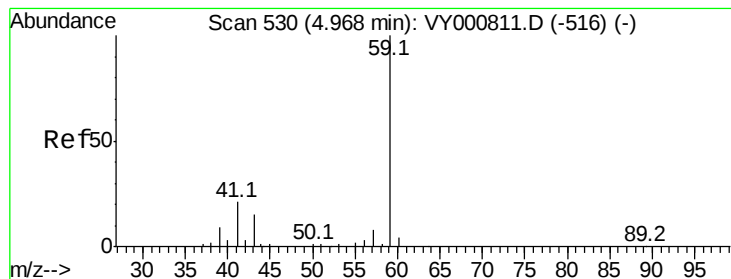


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 201.736 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.02 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

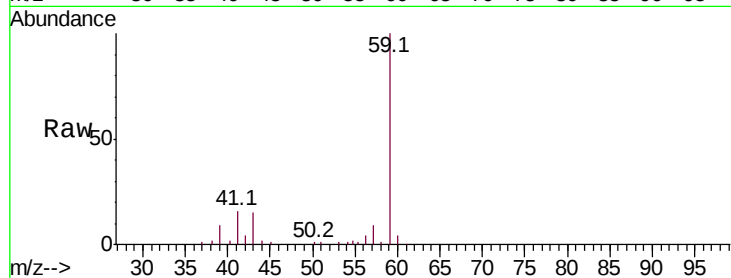
ClientSampleId :

Tot Ion: 59 Resp: 78353

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY000894.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000894.D (-481) (-)

4.99

20000

15000

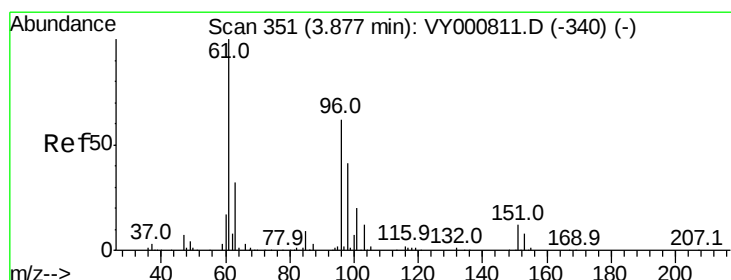
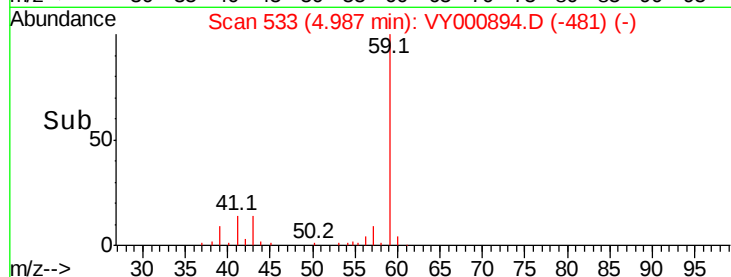
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 53.512 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

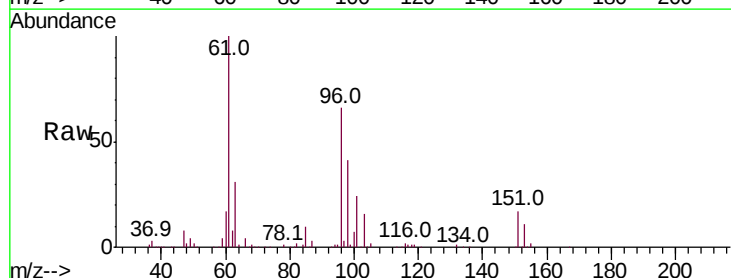
Tgt Ion: 96 Resp: 213166

Ion Ratio Lower Upper

96 100

61 150.4 129.4 194.2

98 62.2 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VY000894.D (-302) (-)

Ion 60.90 (60.60 to 61.60): VY000894.D (-302) (-)

Ion 97.90 (97.60 to 98.60): VY000894.D (-302) (-)

3.88

150000

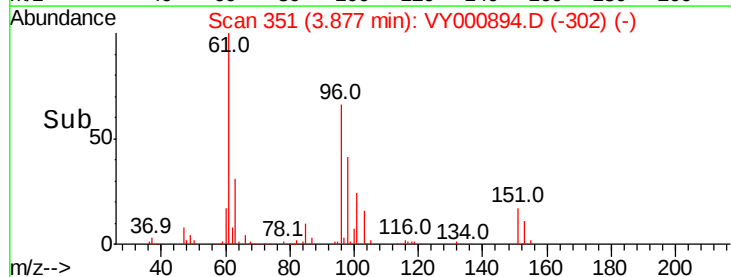
100000

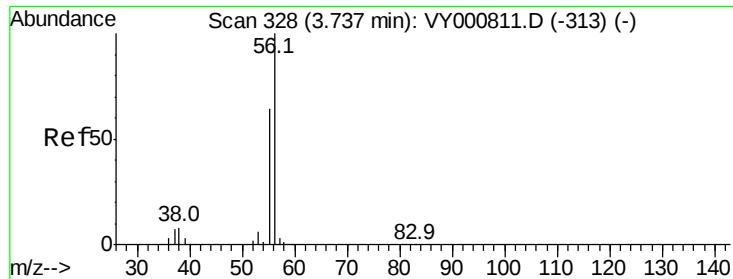
50000

0

Time-->

3.80 3.90 4.00





#13

Acrolein

Concen: 193.325 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

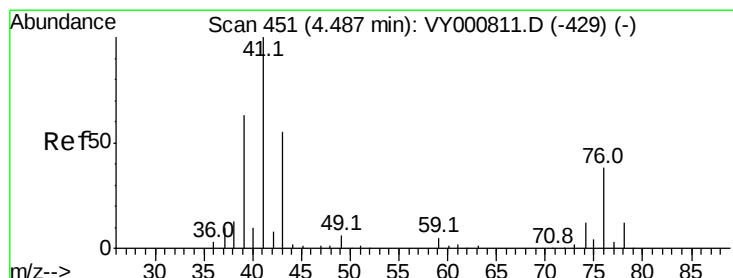
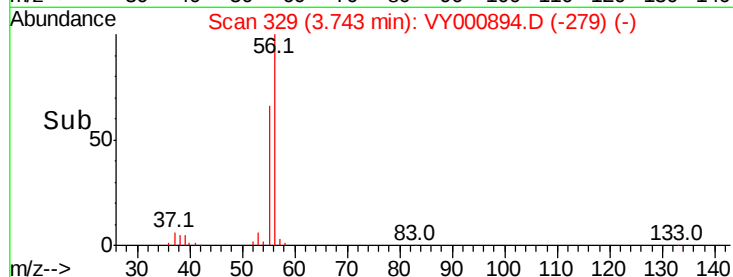
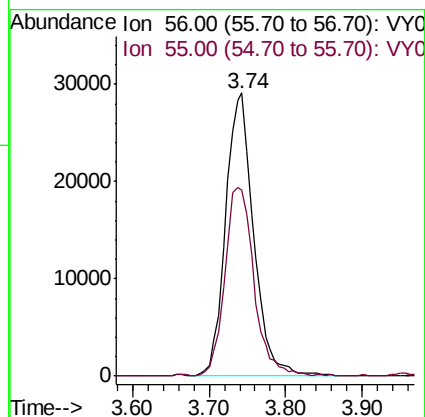
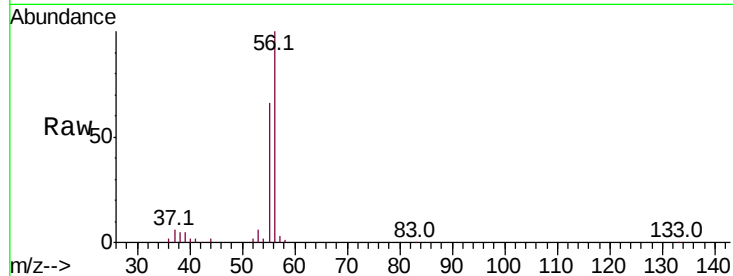
ClientSampleId :

Tot Ion: 56 Resp: 73965

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 50.591 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

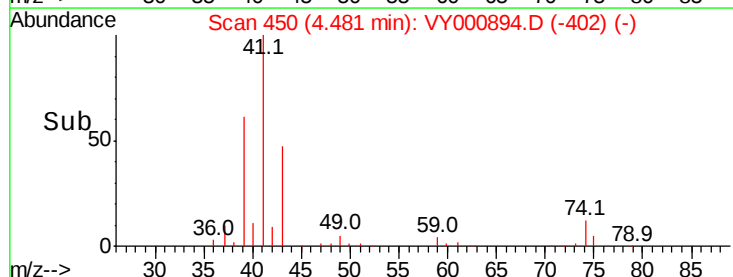
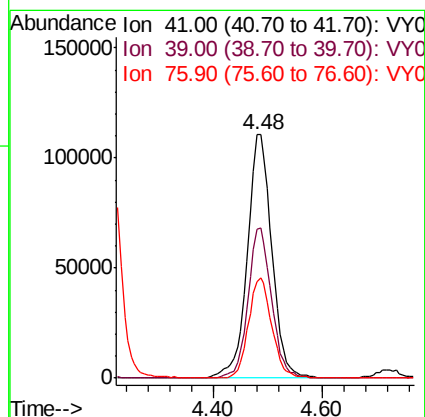
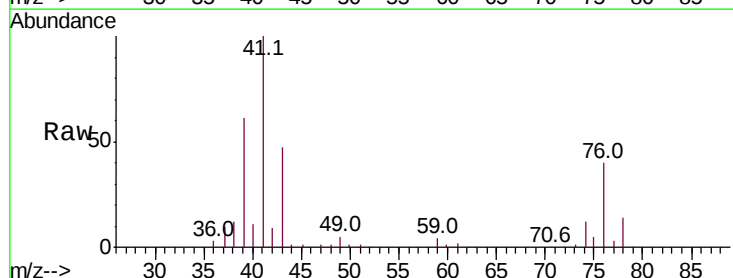
Tgt Ion: 41 Resp: 345554

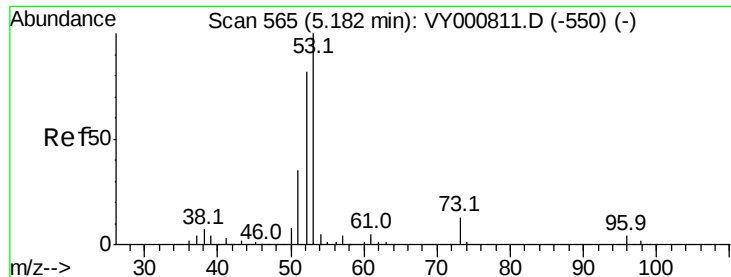
Ion Ratio Lower Upper

41 100

39 59.2 49.2 73.8

76 38.9 29.2 43.8





#15

Acrylonitrile

Concen: 232.644 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

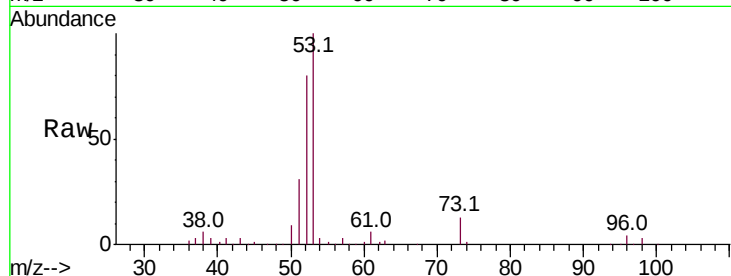
Tot Ion: 53 Resp: 294406

Ion Ratio Lower Upper

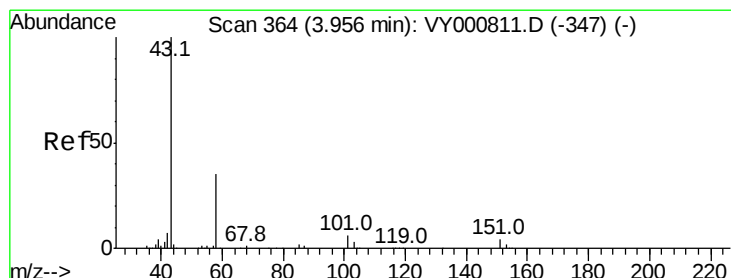
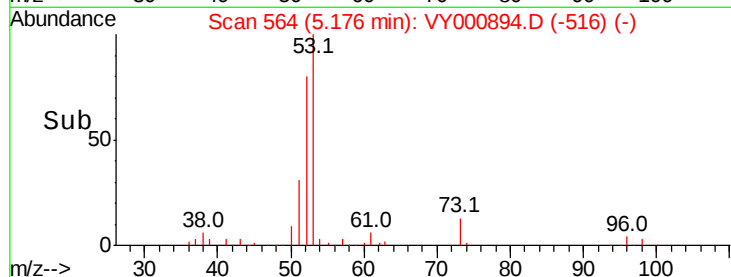
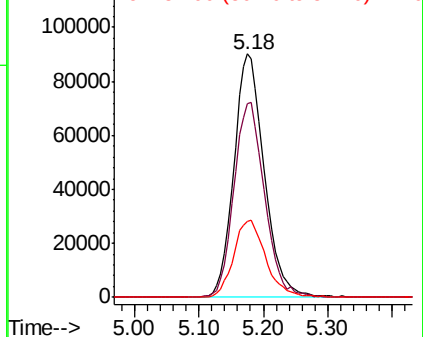
53 100

52 80.9 65.1 97.7

51 33.5 29.0 43.4



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



#16

Acetone

Concen: 208.921 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000894.D

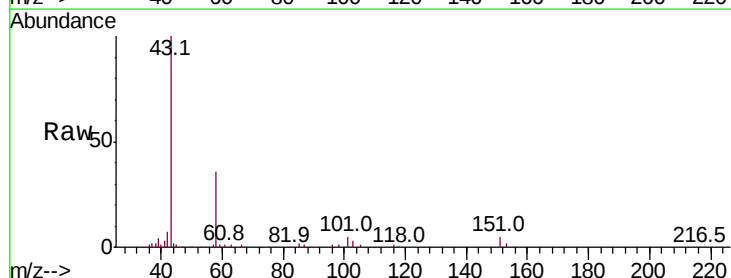
Acq: 06 Dec 2019 12:02

Tgt Ion: 43 Resp: 185018

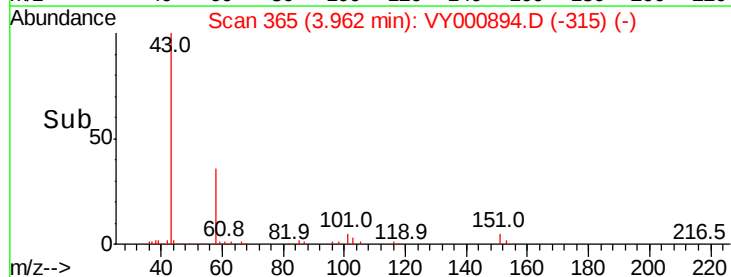
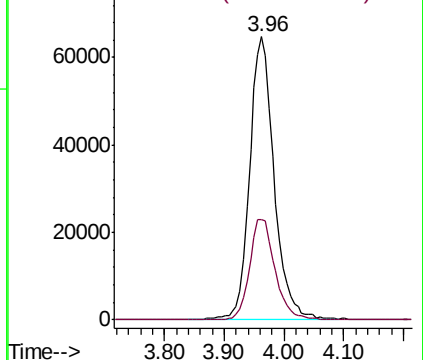
Ion Ratio Lower Upper

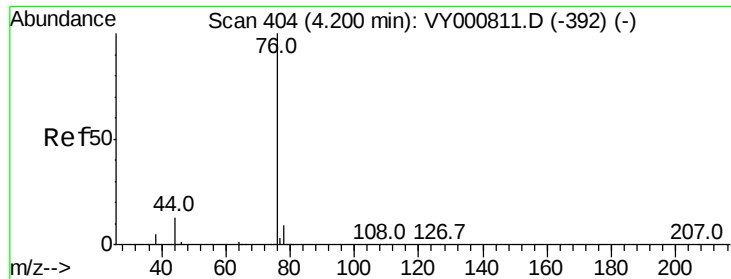
43 100

58 35.4 28.0 42.0



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





#17

Carbon Disulfide

Concen: 51.212 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

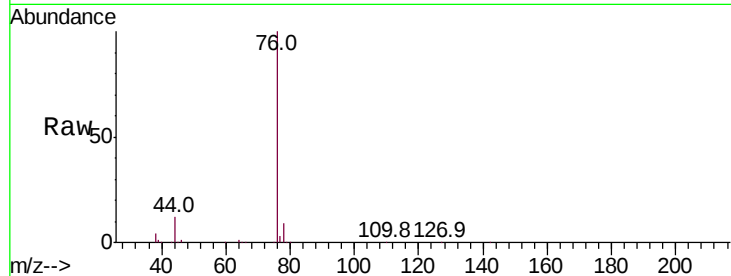
ClientSampled :

Tot Ion: 76 Resp: 659793

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

100000

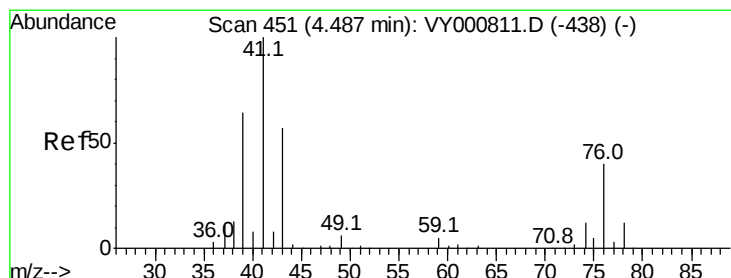
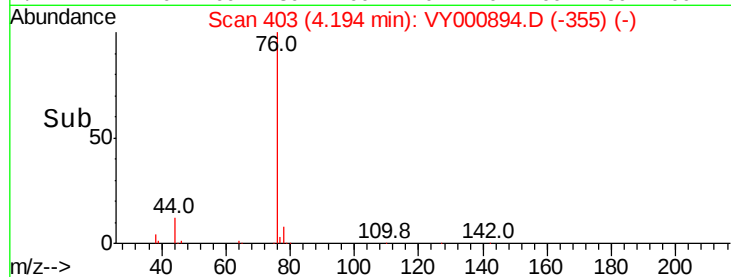
50000

0

4.19

4.00 4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 43.971 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000894.D

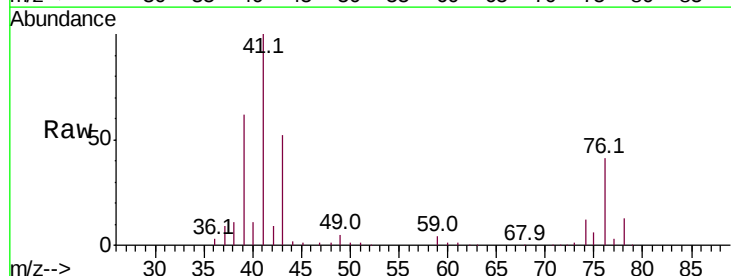
Acq: 06 Dec 2019 12:02

Tgt Ion: 43 Resp: 162820

Ion Ratio Lower Upper

43 100

74 24.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

60000

40000

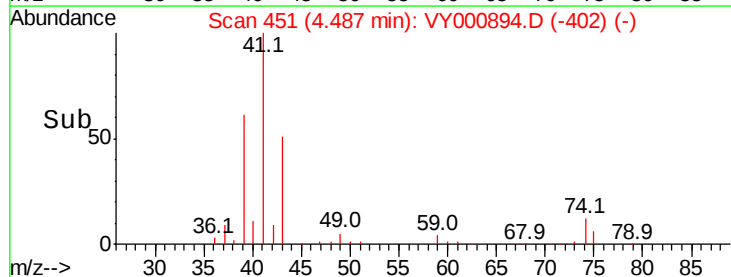
20000

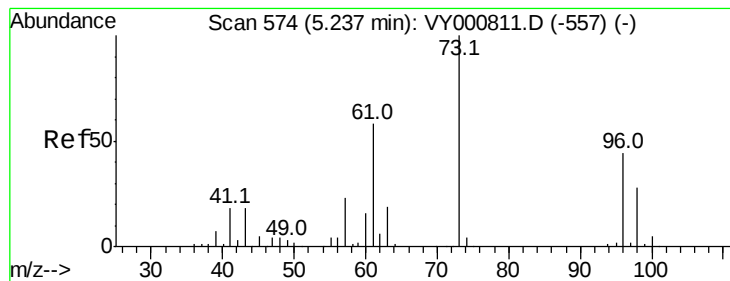
0

4.49

4.40 4.50 4.60

Time-->



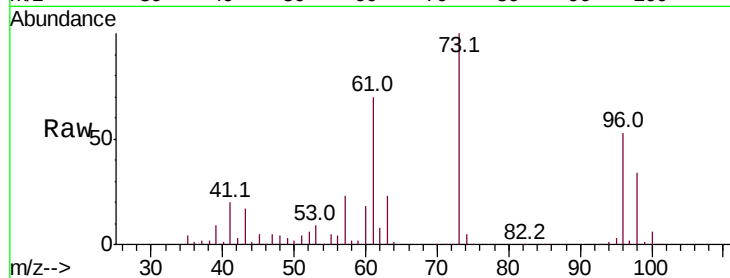


#19

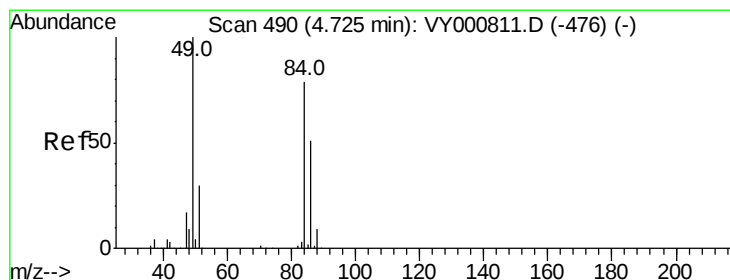
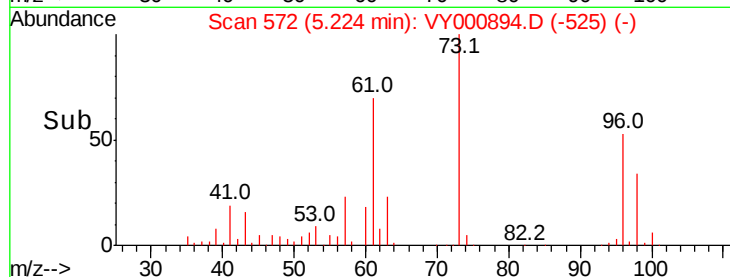
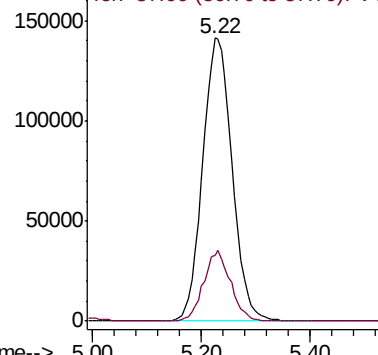
Methyl tert-butyl Ether
 Concen: 50.053 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 532494
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.2 27.4



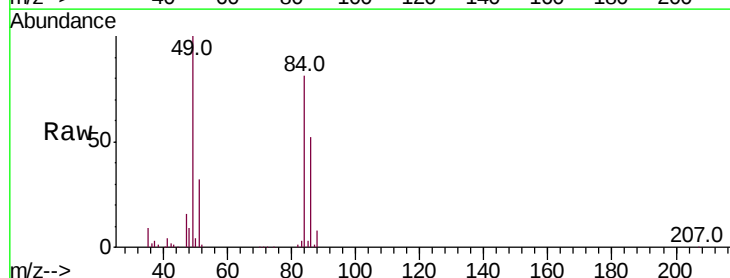
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



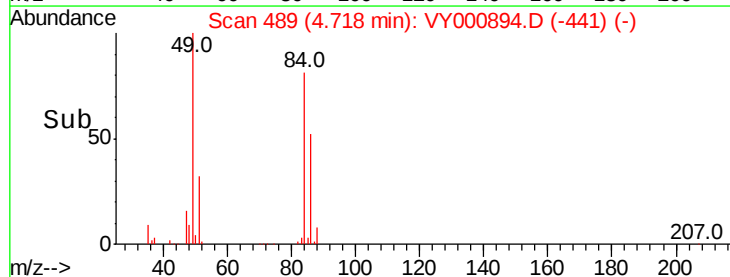
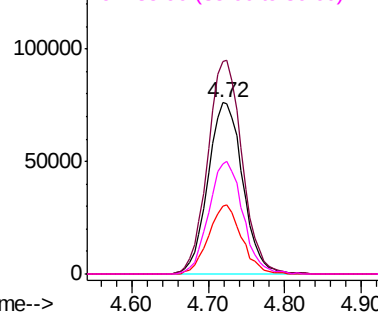
#20

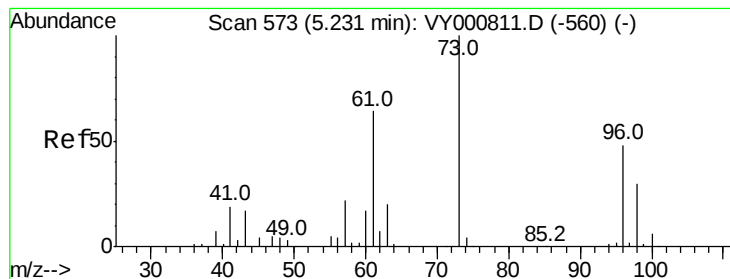
Methylene Chloride
 Concen: 51.593 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 84 Resp: 240844
 Ion Ratio Lower Upper
 84 100
 49 124.1 101.3 151.9
 51 39.3 30.6 45.8
 86 63.9 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 51.798 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

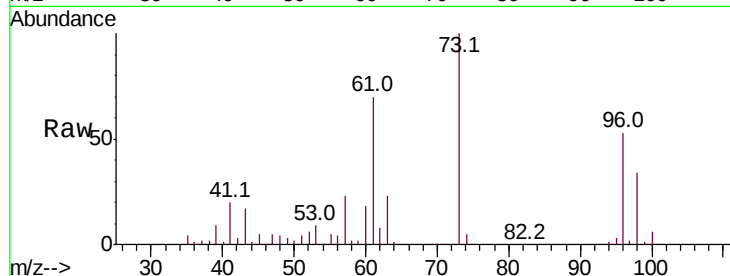
Tot Ion: 96 Resp: 234528

Ion Ratio Lower Upper

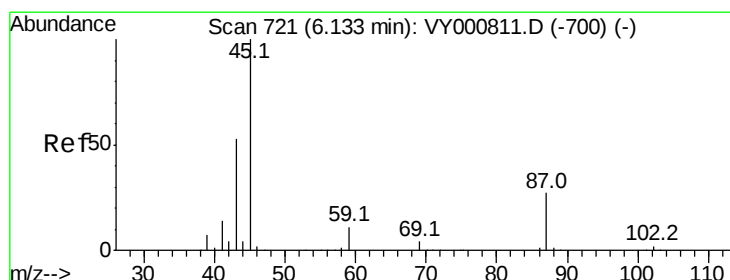
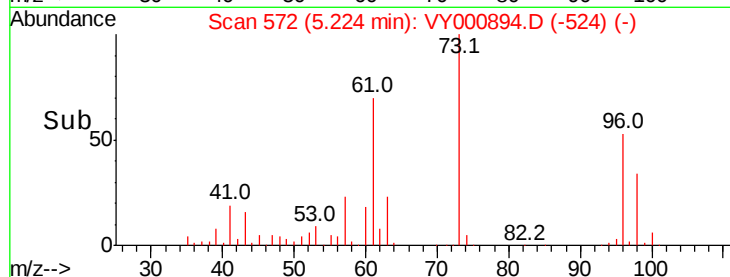
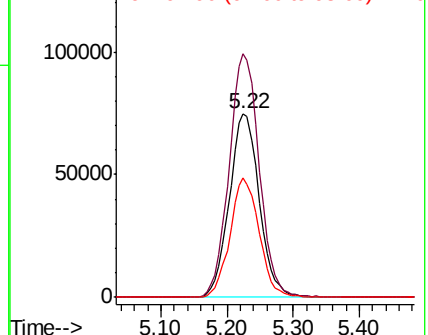
96 100

61 132.2 105.9 158.9

98 64.8 49.4 74.2



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



#22

Diisopropyl ether

Concen: 49.998 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Tgt Ion: 45 Resp: 701903

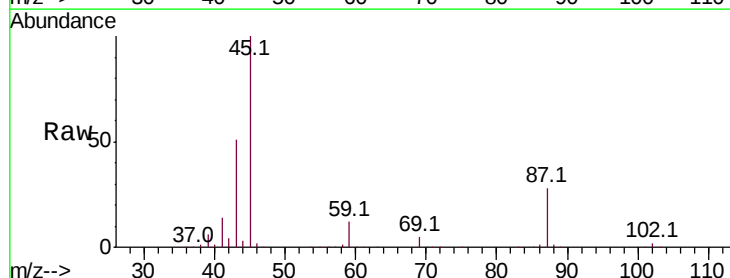
Ion Ratio Lower Upper

45 100

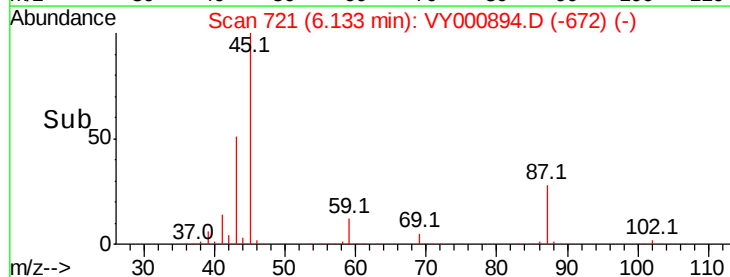
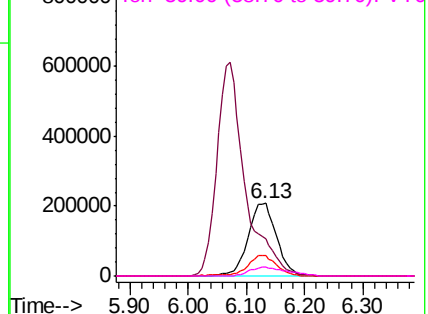
43 50.8 42.7 64.1

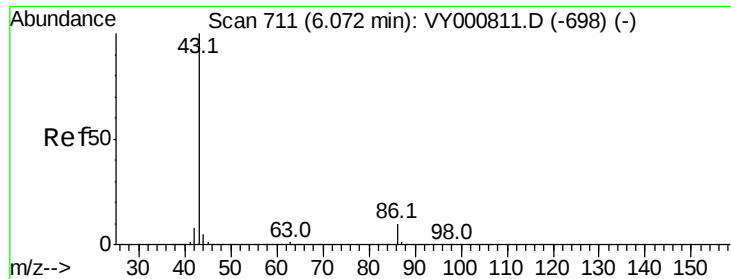
87 27.9 22.0 33.0

59 11.8 8.9 13.3



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





#23

Vinyl Acetate

Concen: 240.531 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

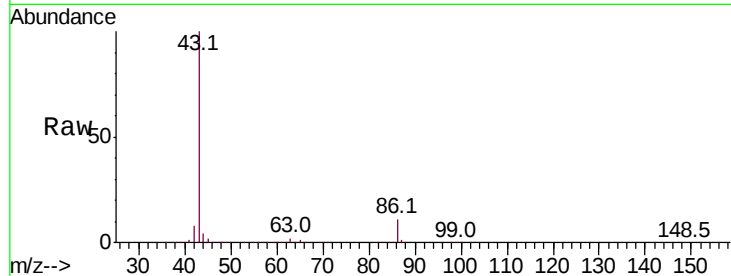
ClientSampleId :

Tot Ion: 43 Resp: 2052803

Ion Ratio Lower Upper

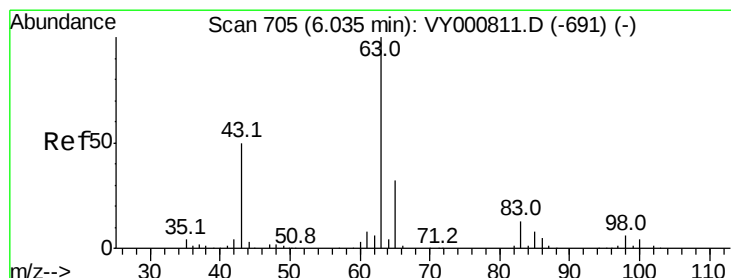
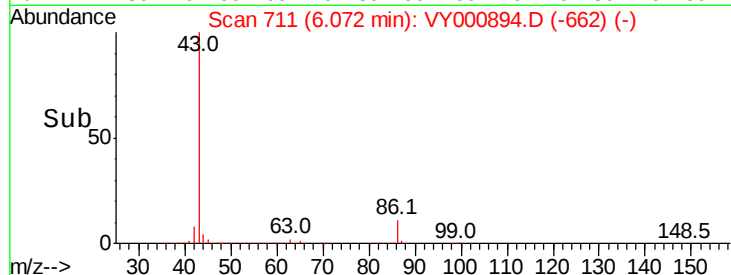
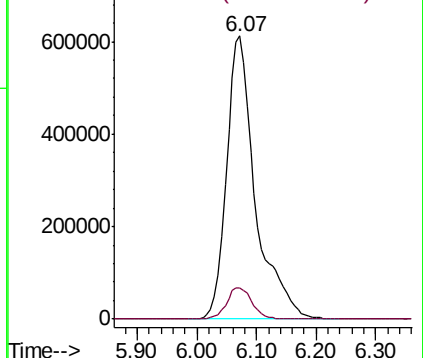
43 100

86 11.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.995 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

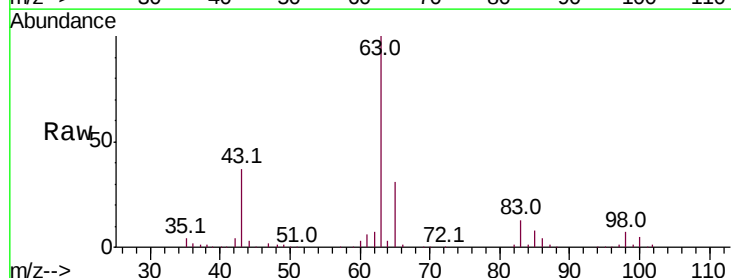
Tgt Ion: 63 Resp: 402304

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

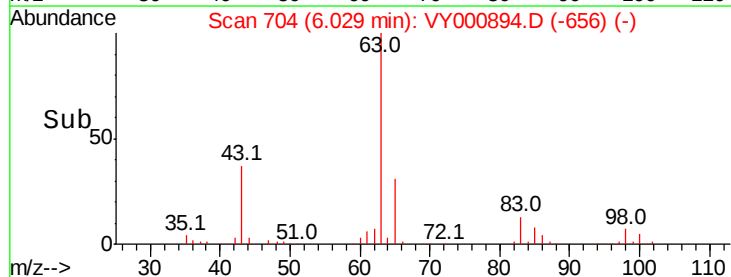
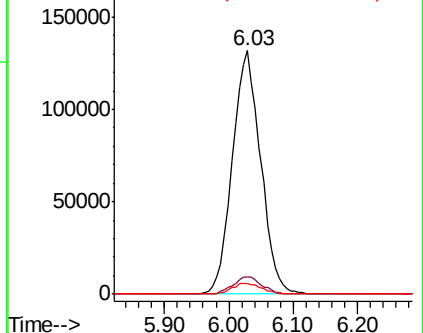
100 4.6 2.2 6.6

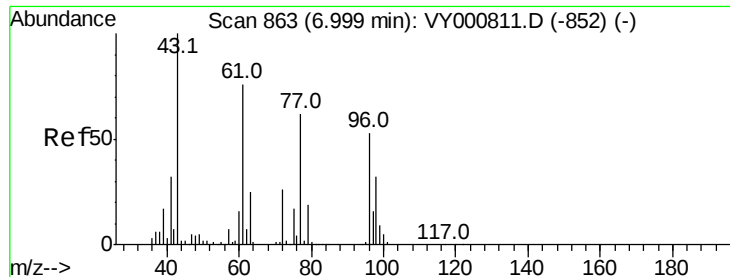


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 216.643 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

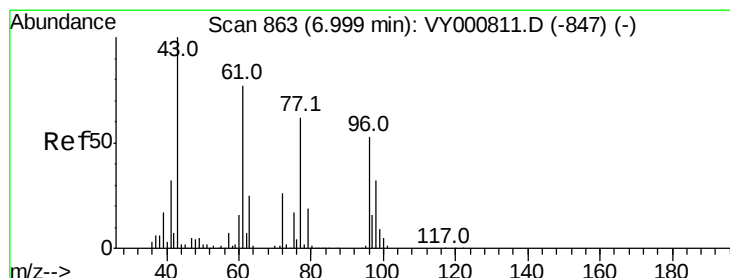
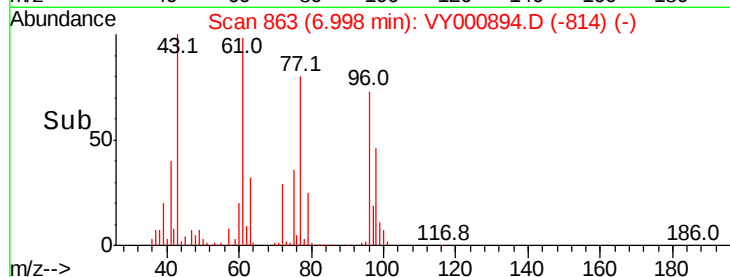
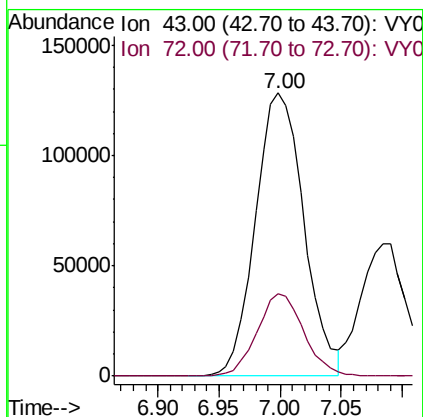
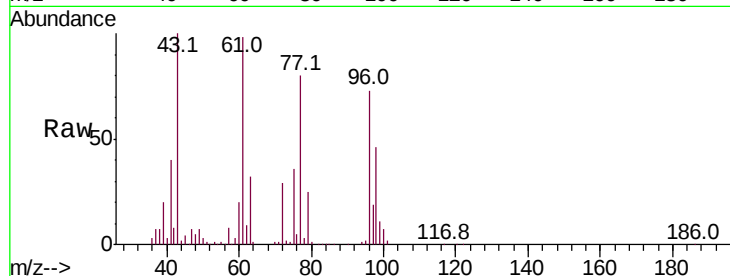
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 354410

Ion Ratio Lower Upper

43 100

72 29.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 52.283 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000894.D

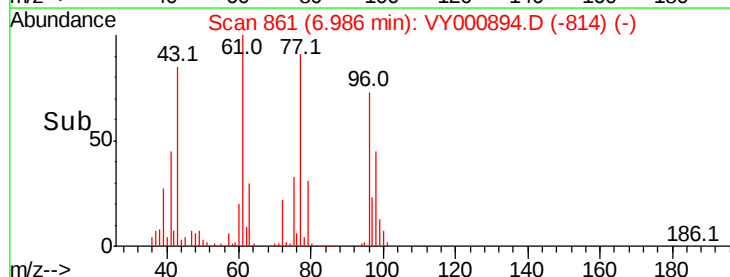
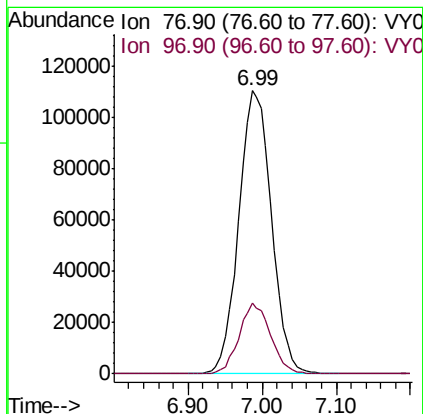
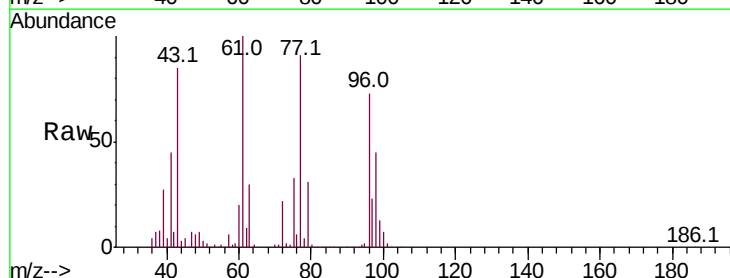
Acq: 06 Dec 2019 12:02

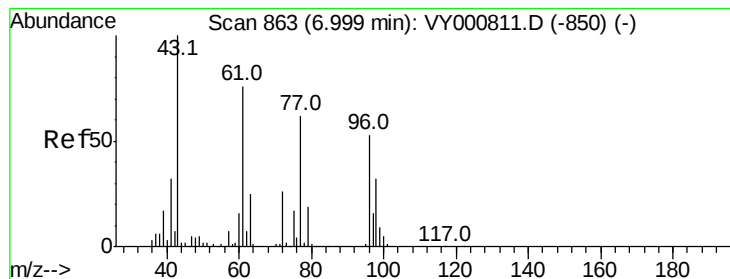
Tgt Ion: 77 Resp: 340480

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9



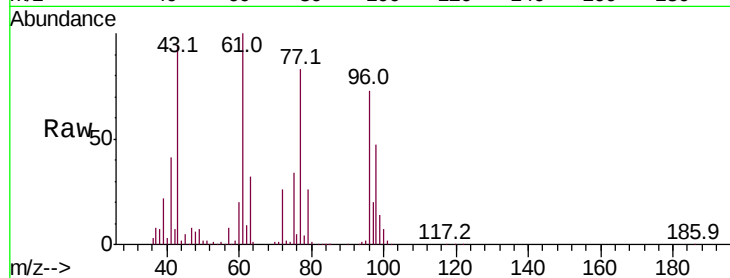


#27

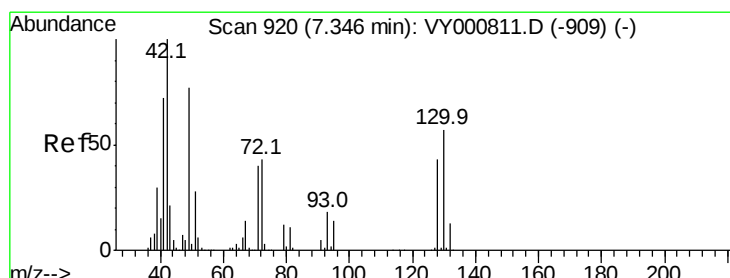
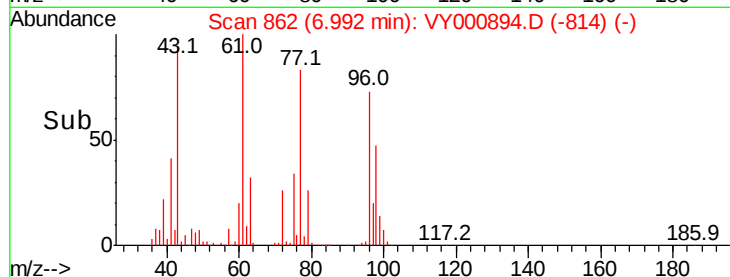
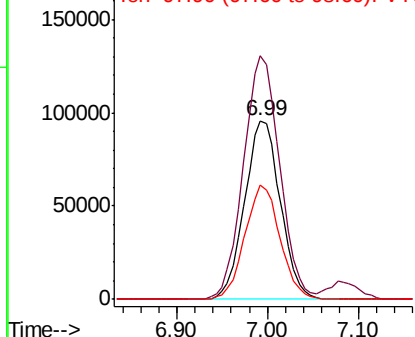
cis-1,2-Dichloroethene
Concen: 53.423 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 261463
Ion Ratio Lower Upper
96 100
61 138.2 0.0 285.0
98 63.0 0.0 128.0



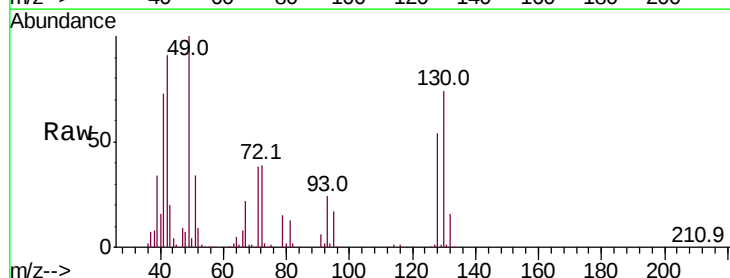
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



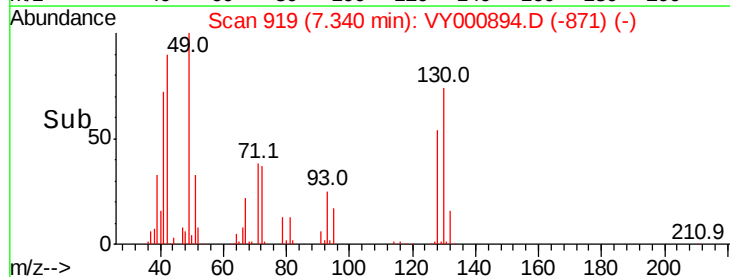
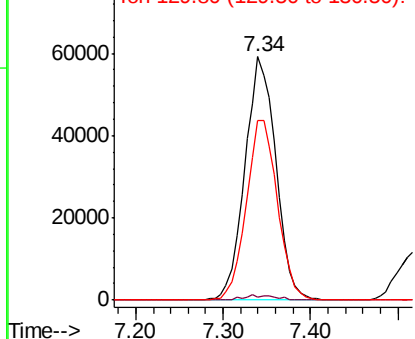
#28

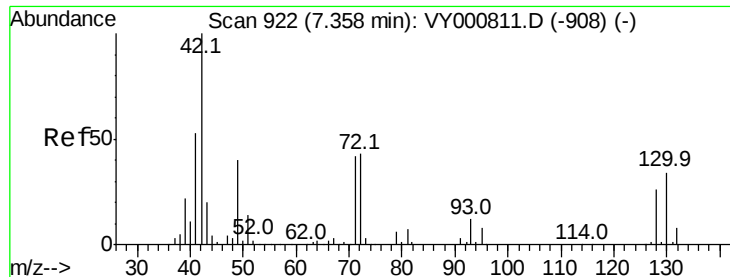
Bromochloromethane
Concen: 51.190 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 49 Resp: 145365
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 74.5 58.7 88.1



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

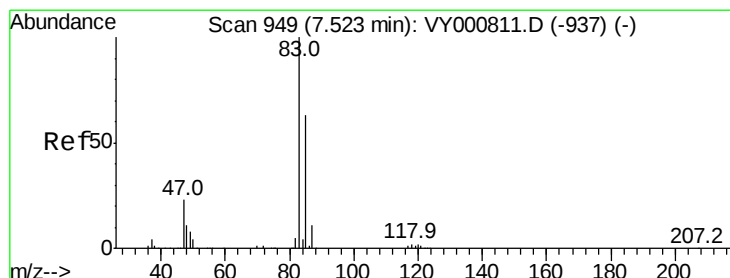
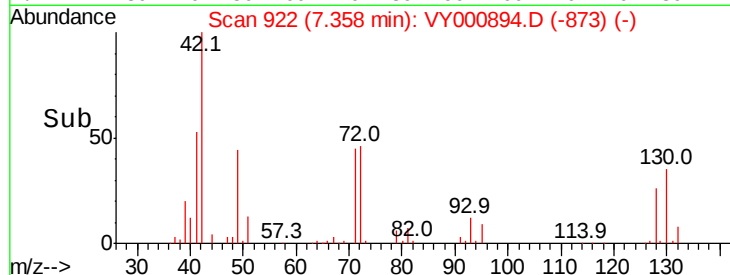
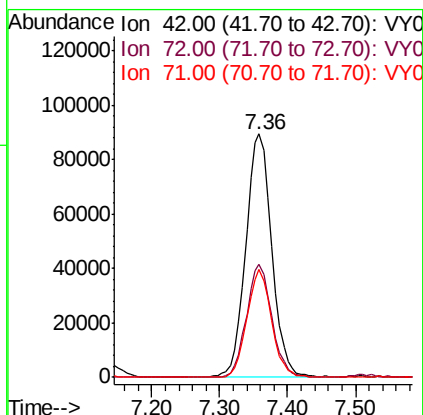
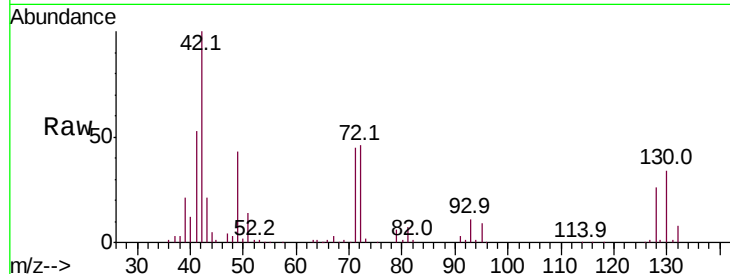




#29
Tetrahydrofuran
Concen: 220.059 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

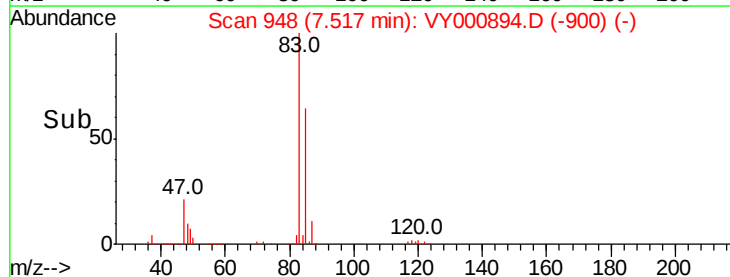
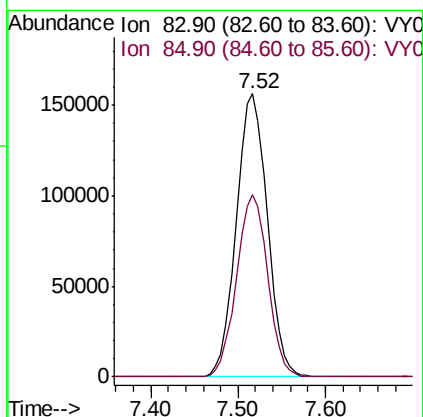
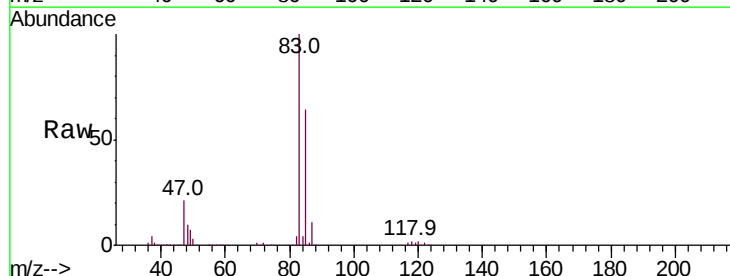
Instrument :
MSVOA_Y
ClientSampleId :

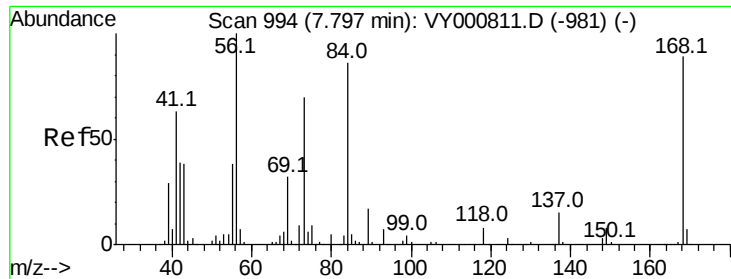
Tot Ion: 42 Resp: 238554
Ion Ratio Lower Upper
42 100
72 45.1 35.1 52.7
71 41.9 32.8 49.2



#30
Chloroform
Concen: 49.603 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 83 Resp: 385018
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6

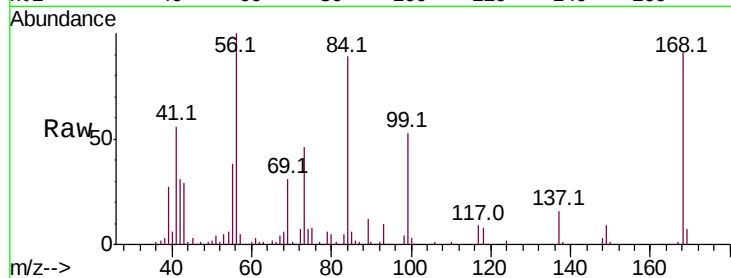




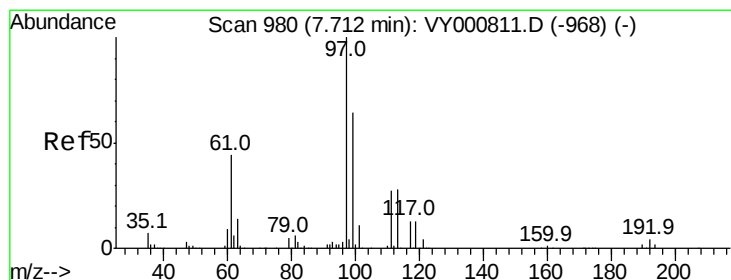
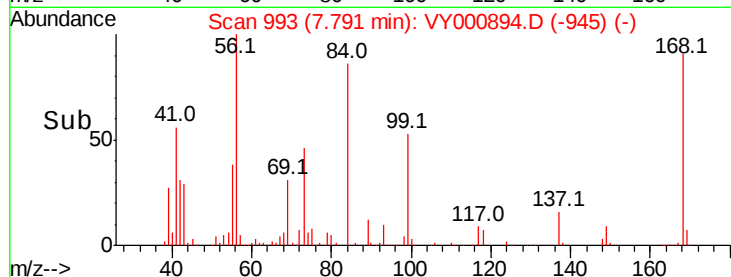
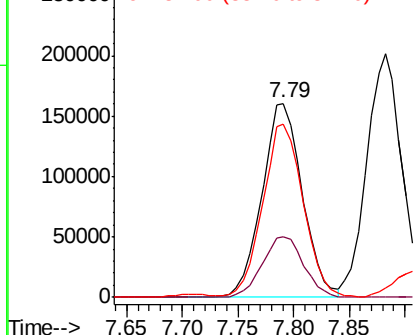
#31
Cyclohexane
Concen: 49.422 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 405097
Ion Ratio Lower Upper
56 100
69 31.1 25.9 38.9
84 87.2 68.6 102.8

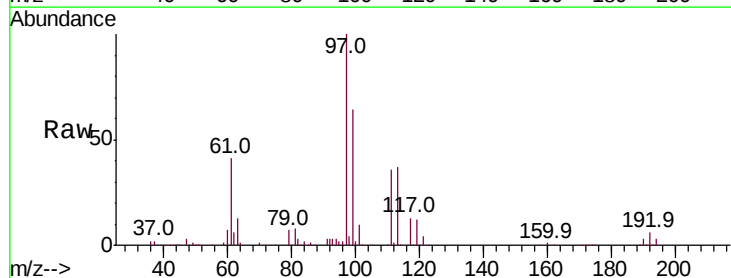


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

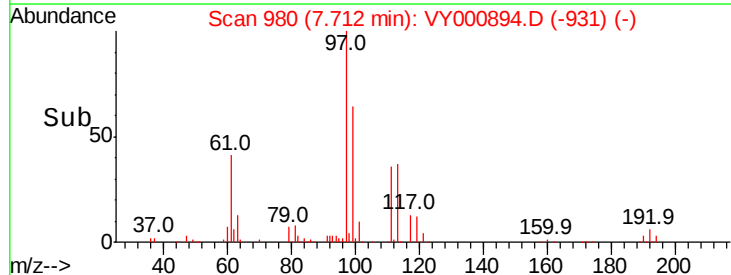
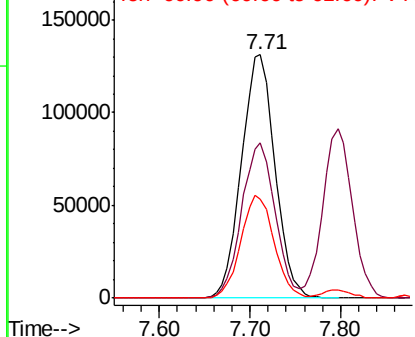


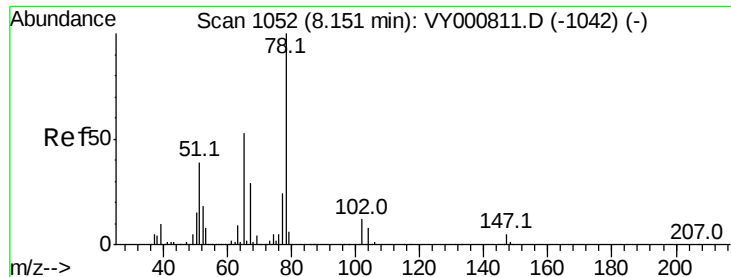
#32
1,1,1-Trichloroethane
Concen: 52.452 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 97 Resp: 336187
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 41.9 35.0 52.6



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





#33

1,2-Dichloroethane-d4

Concen: 44.012 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

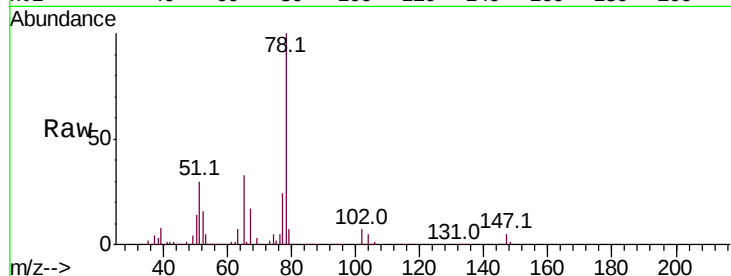
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 169906

Ion Ratio Lower Upper

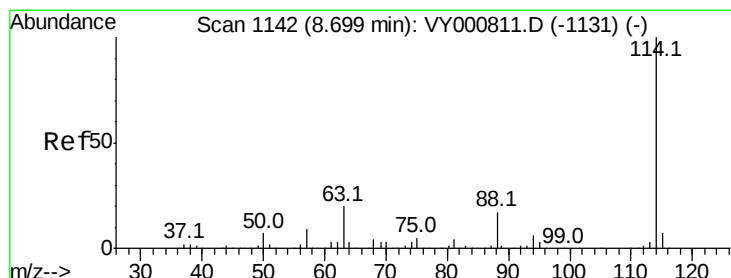
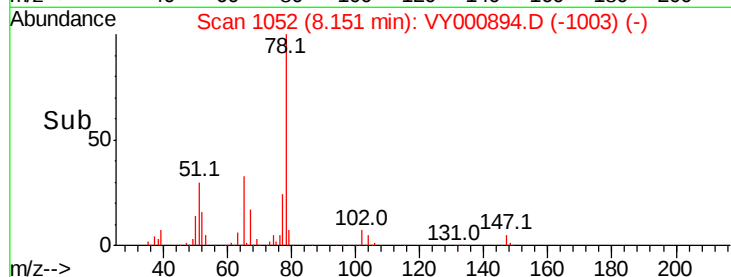
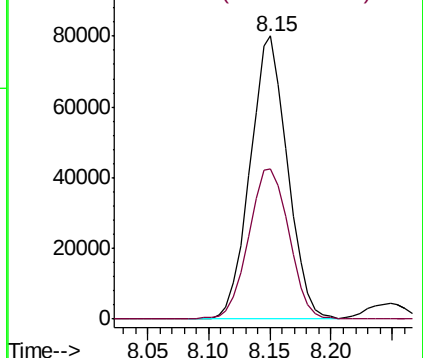
65 100

67 57.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

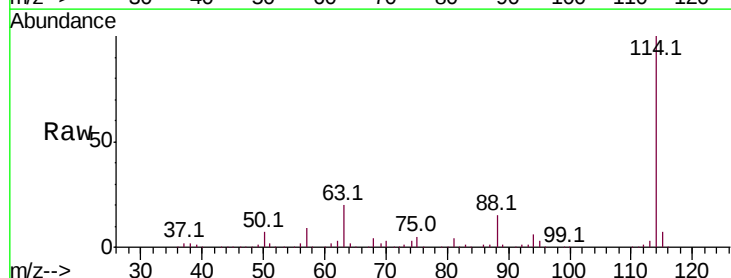
Tgt Ion: 114 Resp: 632537

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

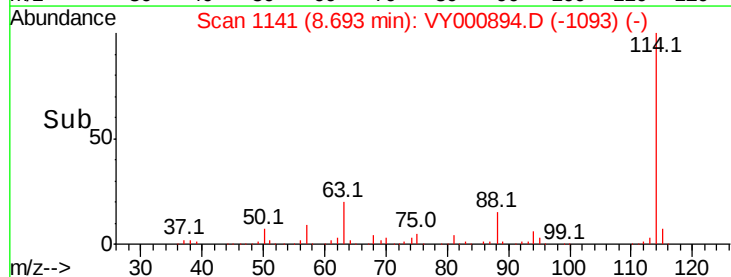
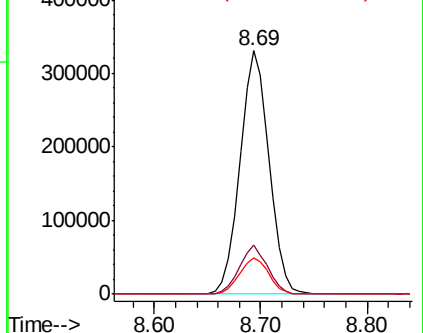
88 15.0 0.0 33.2

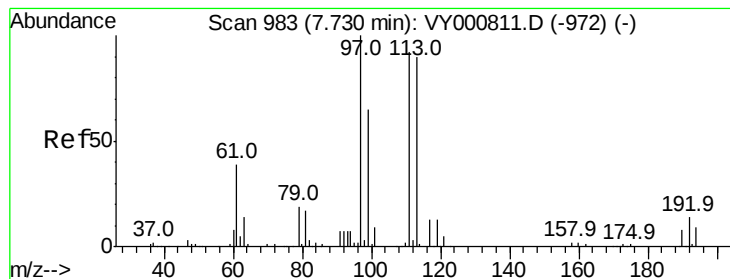


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.147 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

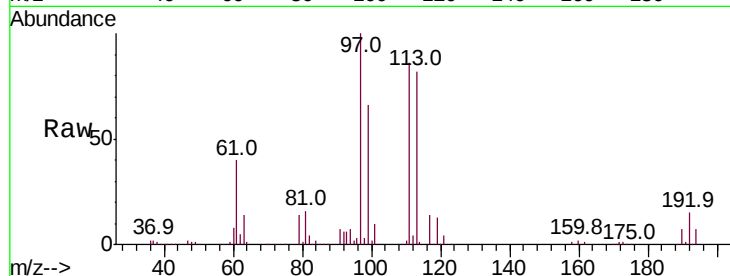
Tot Ion:113 Resp: 173802

Ion Ratio Lower Upper

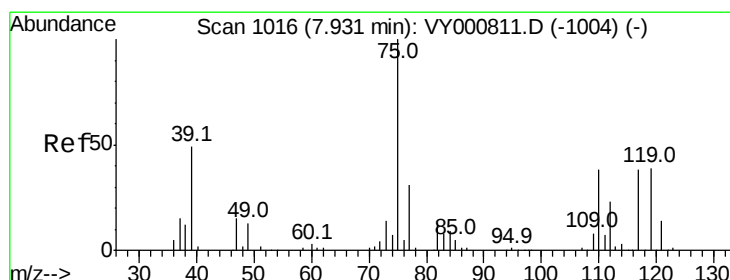
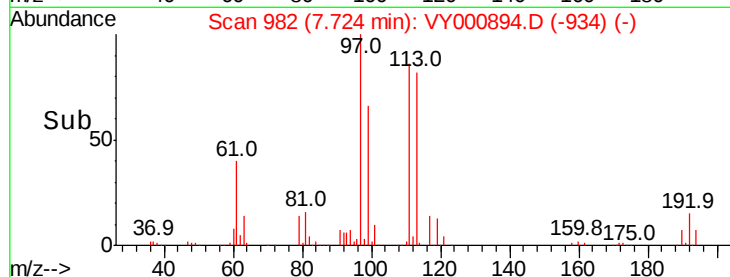
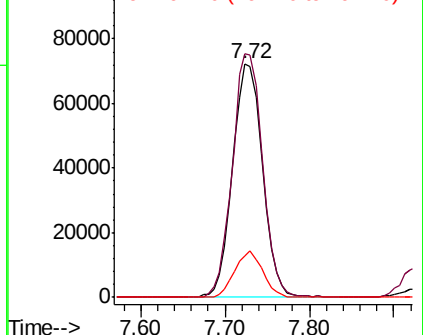
113 100

111 105.1 82.4 123.6

192 18.8 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.447 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

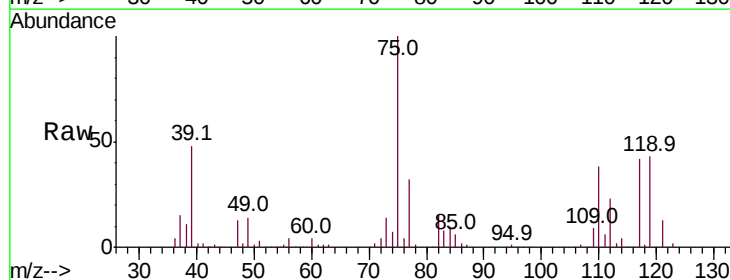
Tgt Ion: 75 Resp: 323567

Ion Ratio Lower Upper

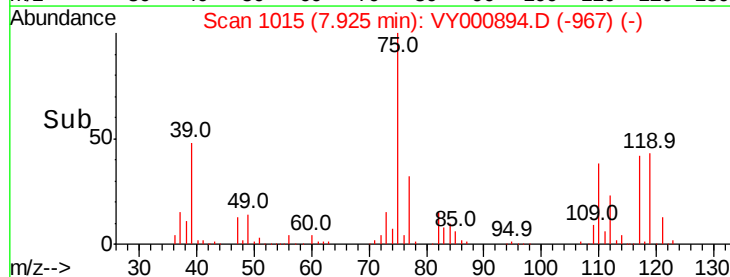
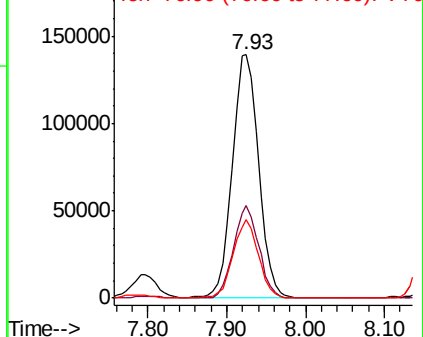
75 100

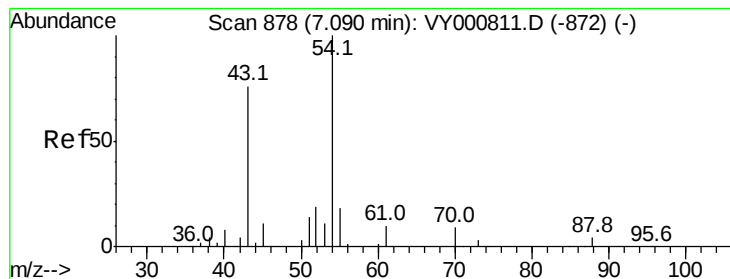
110 36.1 17.9 53.7

77 31.1 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 44.088 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

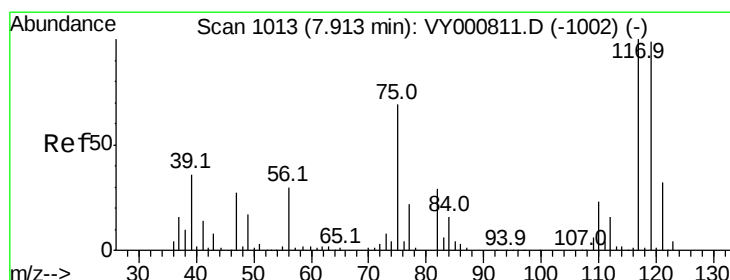
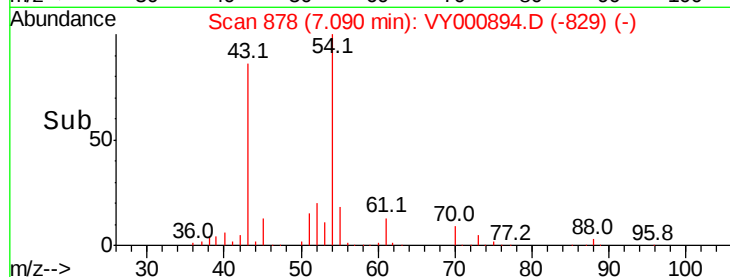
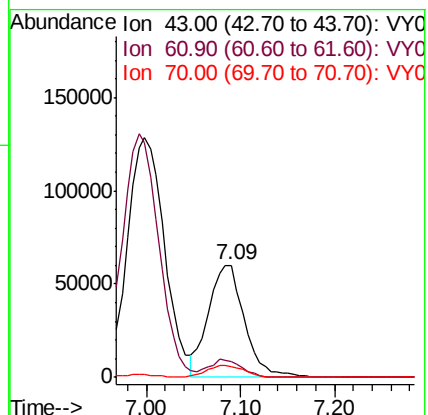
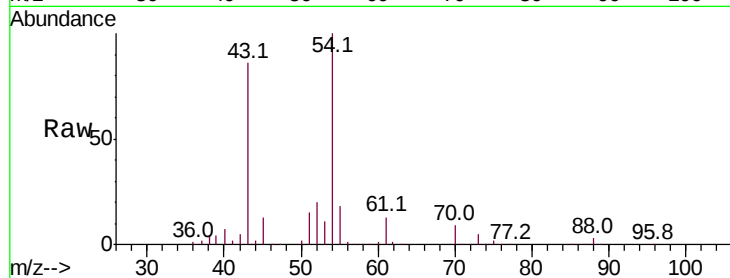
Tot Ion: 43 Resp: 160106

Ion Ratio Lower Upper

43 100

61 14.7 11.8 17.8

70 11.0 8.7 13.1



#38

Carbon Tetrachloride

Concen: 52.289 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

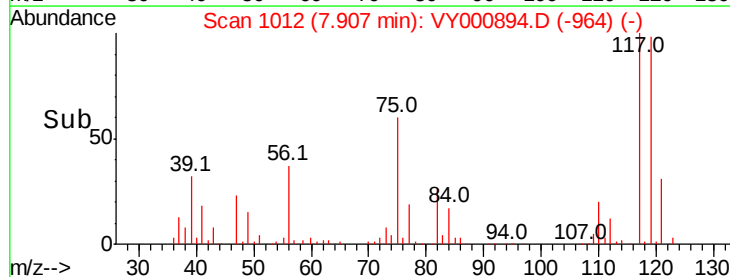
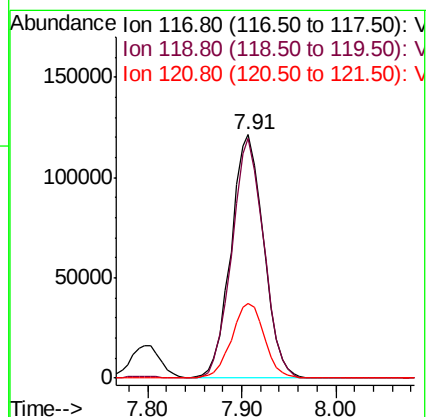
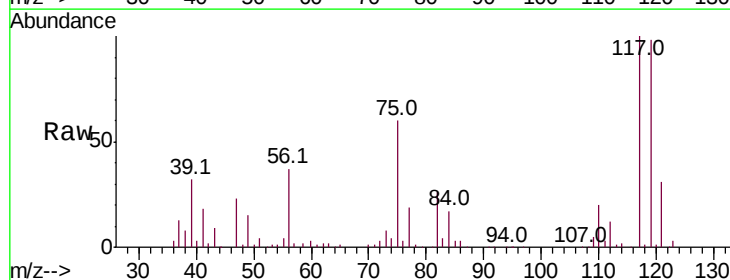
Tgt Ion: 117 Resp: 292872

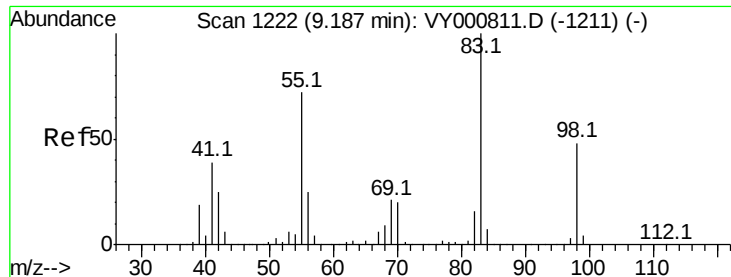
Ion Ratio Lower Upper

117 100

119 98.3 79.3 118.9

121 30.5 25.5 38.3

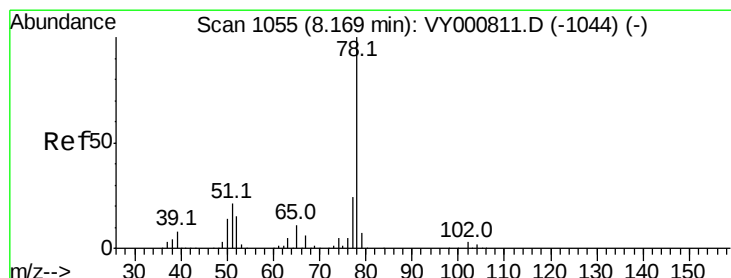
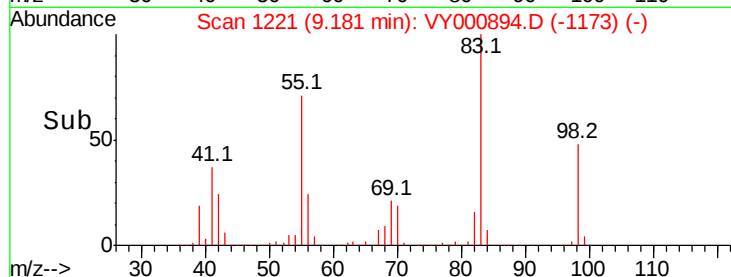
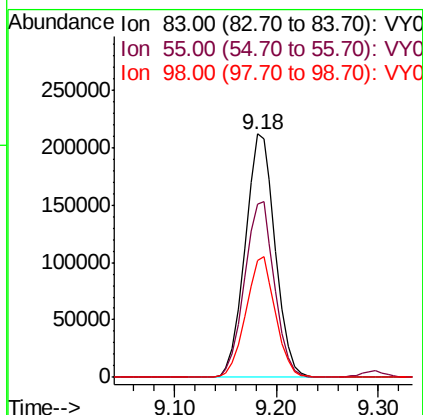
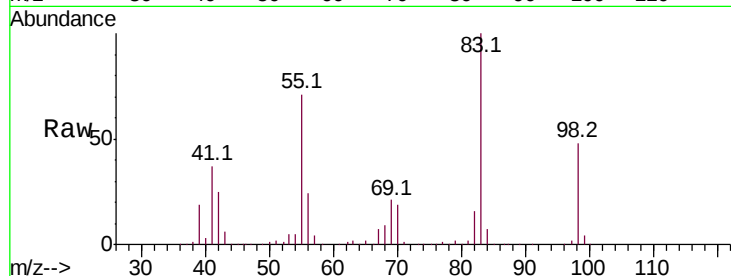




#39
Methvlcvclohexane
Concen: 51.831 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

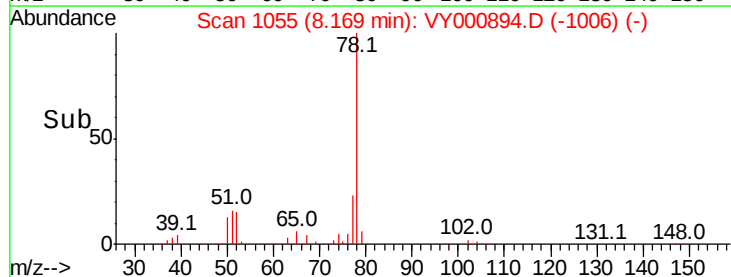
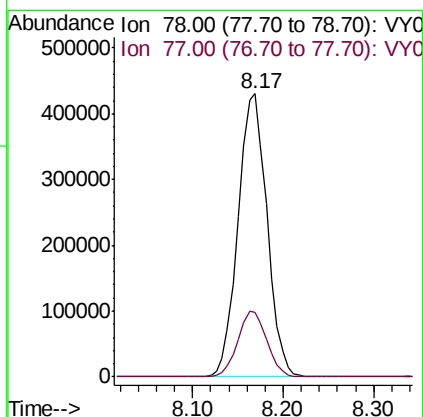
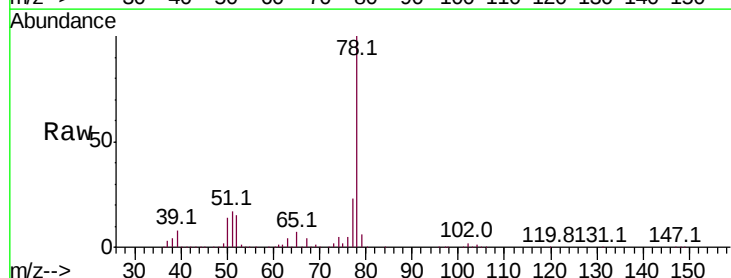
Instrument :
MSVOA_Y
ClientSampled :

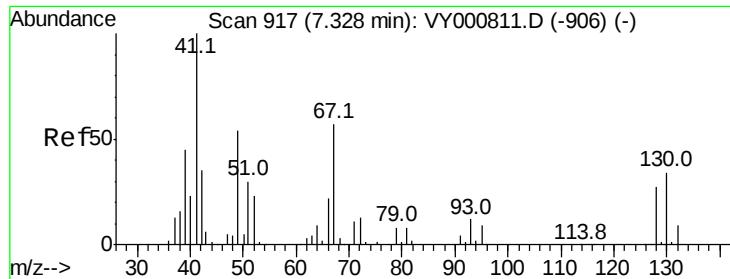
Tot Ion: 83 Resp: 431888
Ion Ratio Lower Upper
83 100
55 71.3 57.8 86.6
98 48.1 38.6 58.0



#40
Benzene
Concen: 51.958 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 78 Resp: 951846
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8

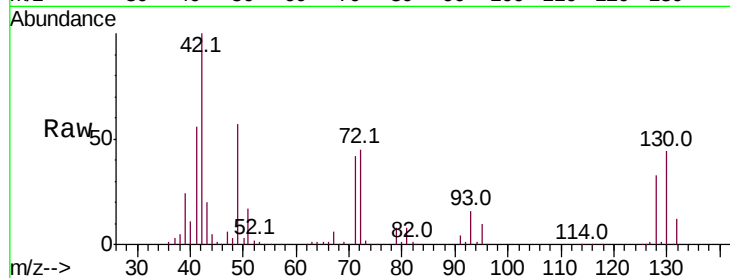




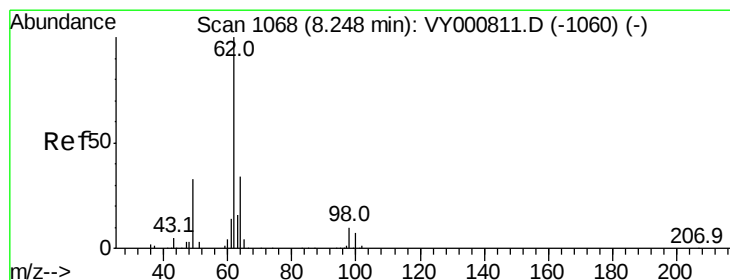
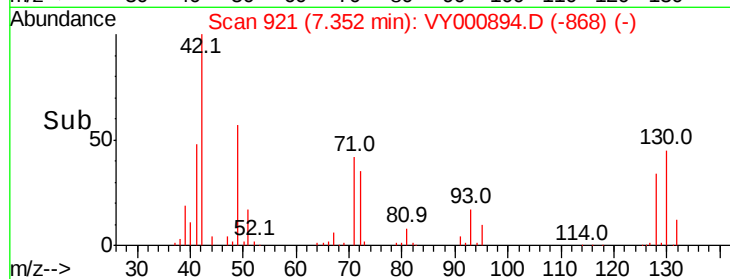
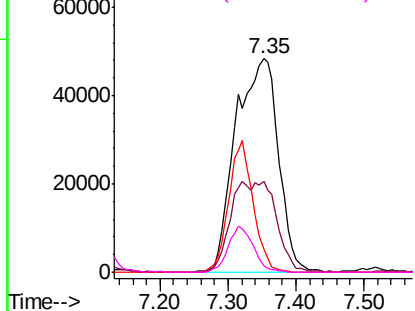
#41
Methacrylonitrile
Concen: 110.366 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

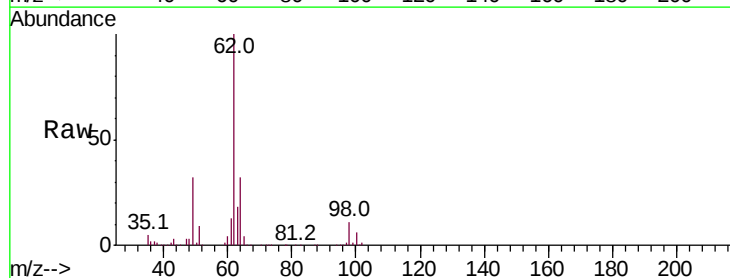


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

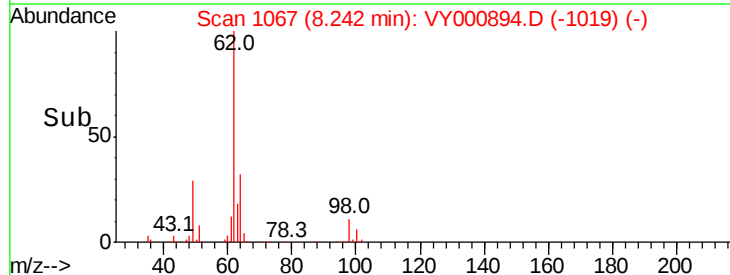
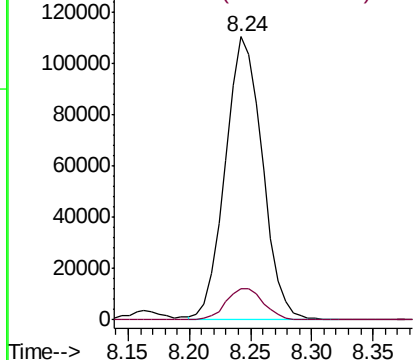


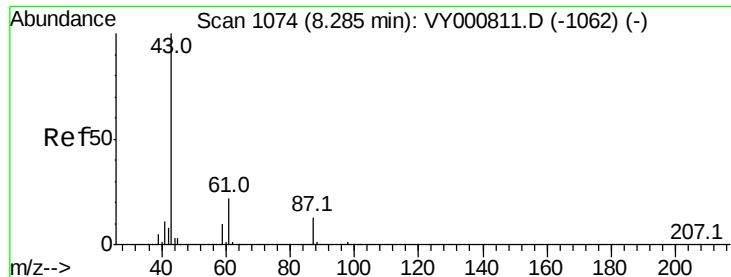
#42
1,2-Dichloroethane
Concen: 48.118 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.4



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

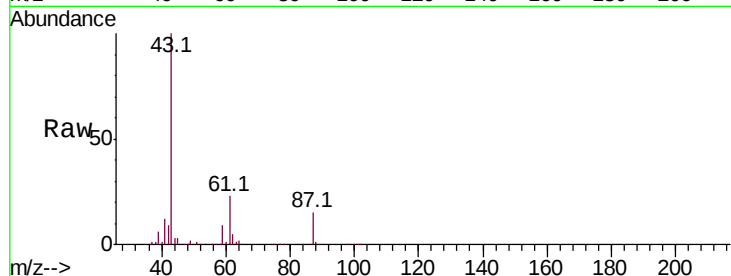




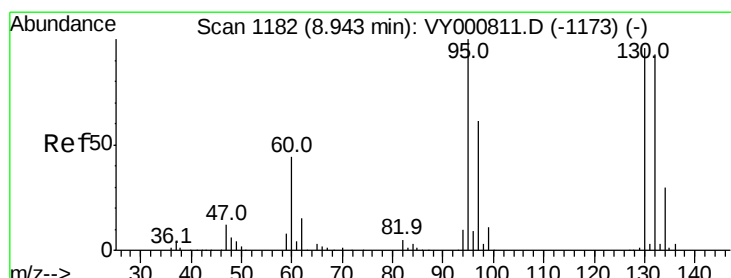
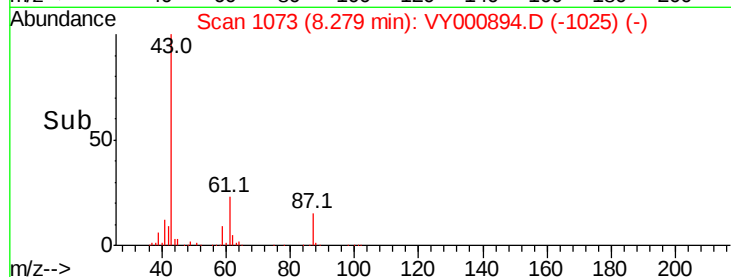
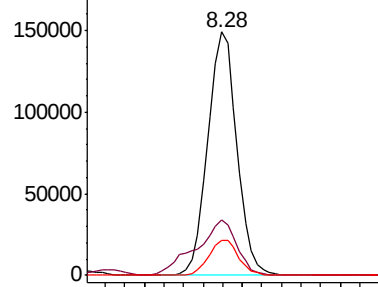
#43
Isopropyl Acetate
Concen: 45.027 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 308143
Ion Ratio Lower Upper
43 100
61 31.6 23.7 35.5
87 14.8 10.6 15.8

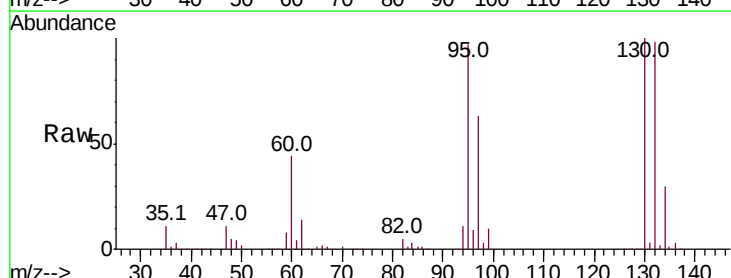


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

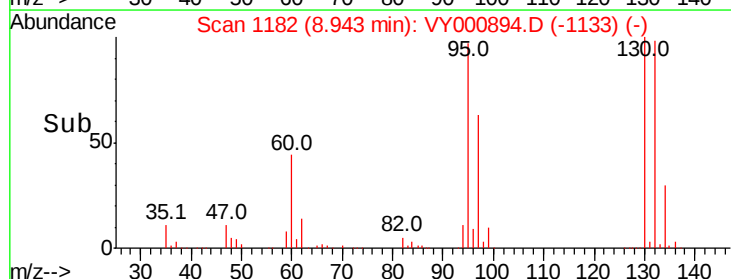
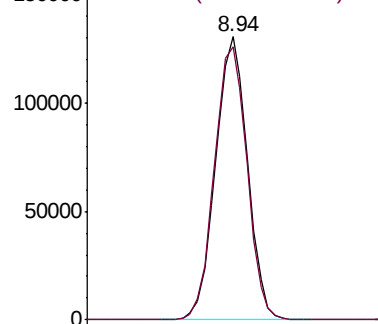


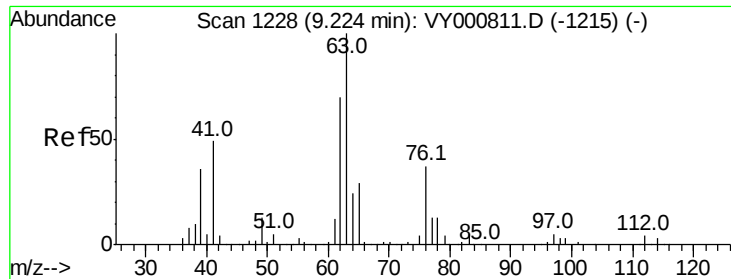
#44
Trichloroethene
Concen: 53.059 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion:130 Resp: 249808
Ion Ratio Lower Upper
130 100
95 96.5 0.0 207.8



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





#45

1,2-Dichloropropane

Concen: 51.837 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

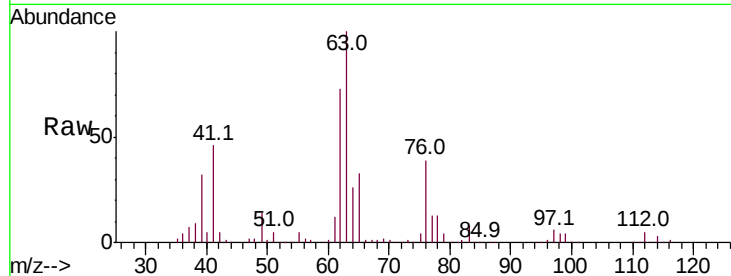
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 238532

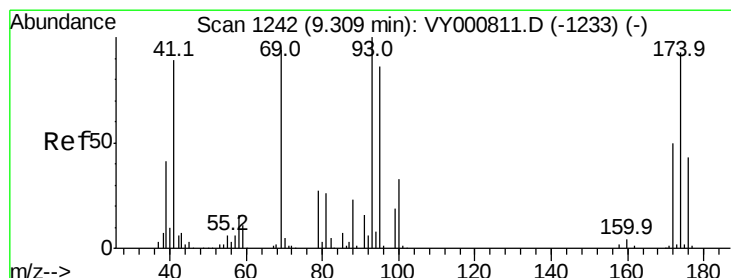
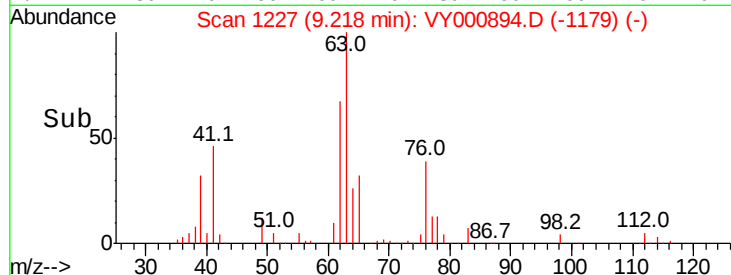
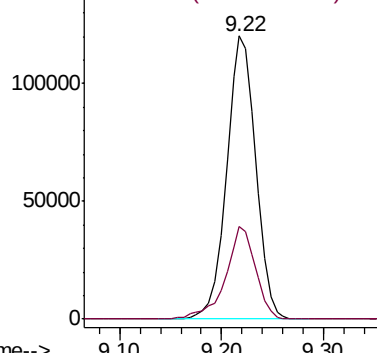
Ion Ratio Lower Upper

63 100

65 32.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.906 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

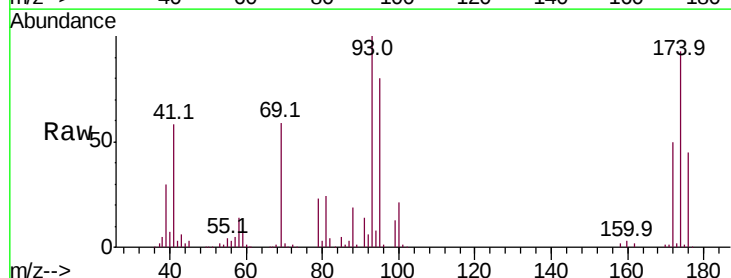
Tgt Ion: 93 Resp: 119988

Ion Ratio Lower Upper

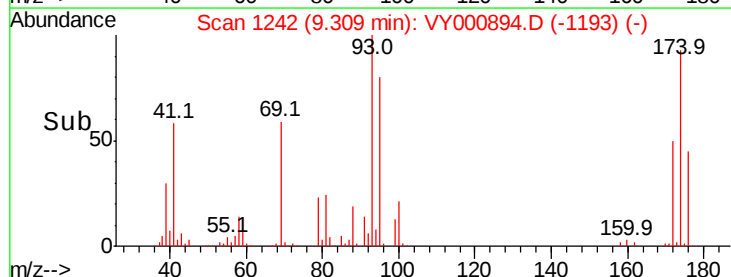
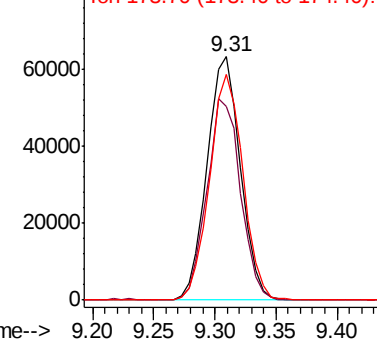
93 100

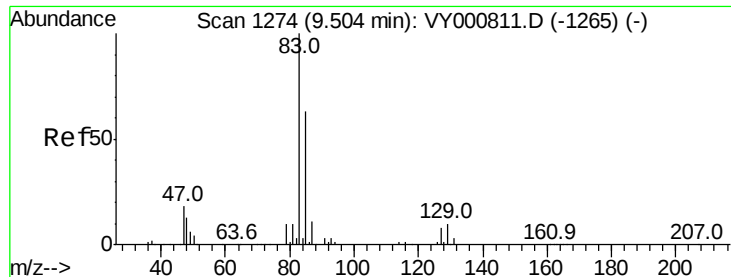
95 83.3 66.4 99.6

174 92.4 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.937 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

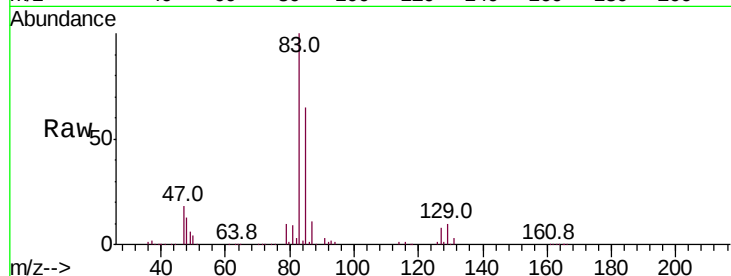
Tot Ion: 83 Resp: 293345

Ion Ratio Lower Upper

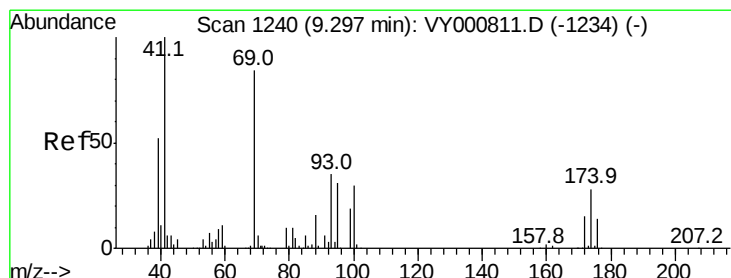
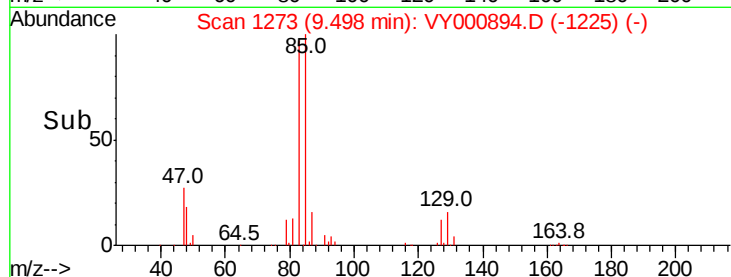
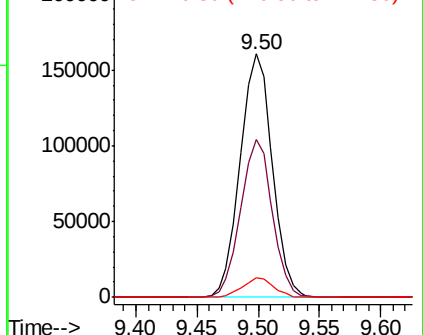
83 100

85 64.6 50.8 76.2

127 7.9 6.6 10.0



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



#48

Methyl methacrylate

Concen: 45.148 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

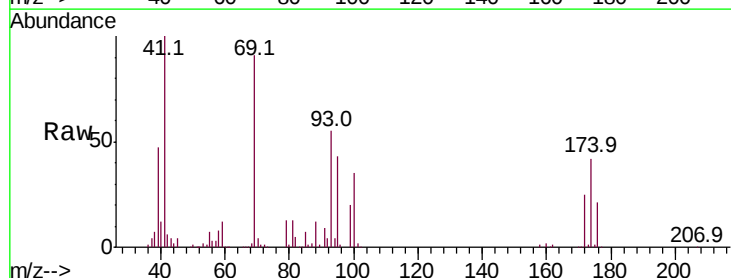
Tgt Ion: 41 Resp: 135866

Ion Ratio Lower Upper

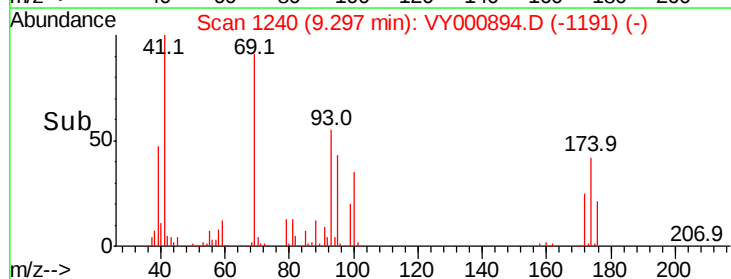
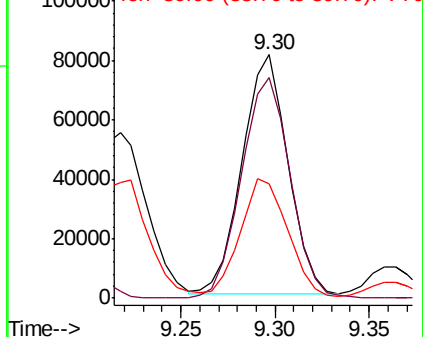
41 100

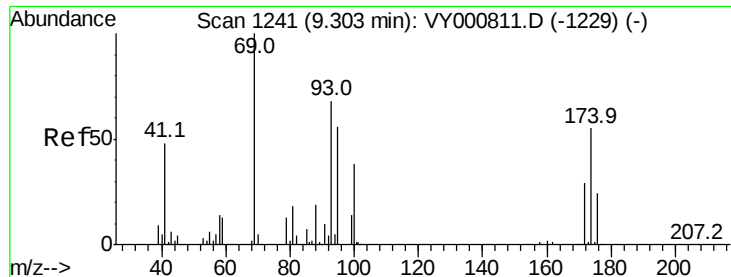
69 97.8 70.4 105.6

39 50.3 40.9 61.3



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

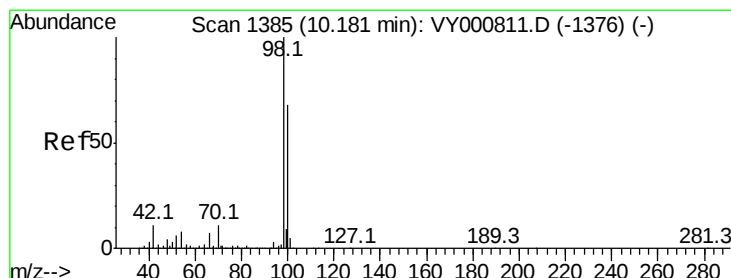
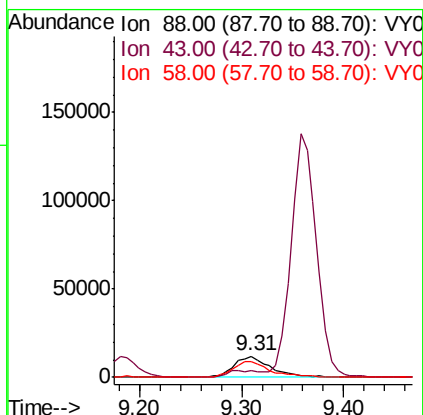
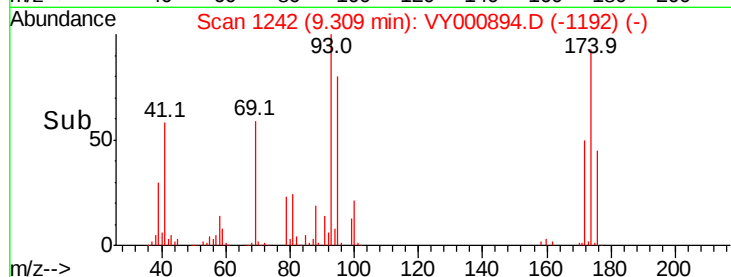
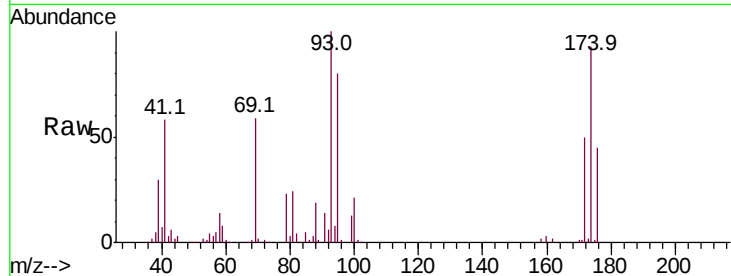




#49
1,4-Dioxane
Concen: 883.699 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

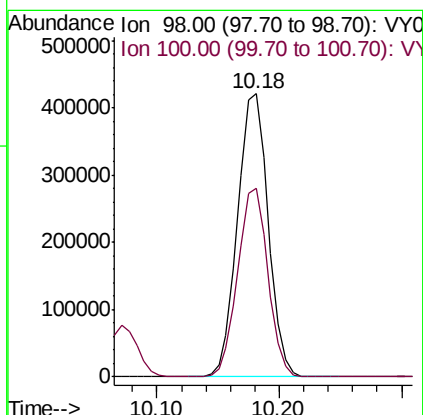
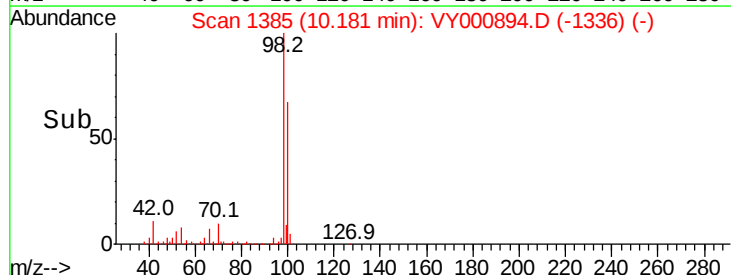
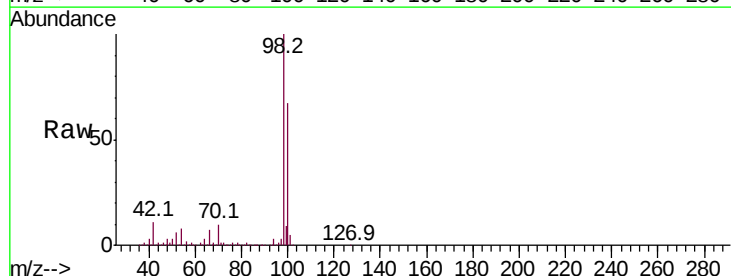
Instrument :
MSVOA_Y
ClientSampled :

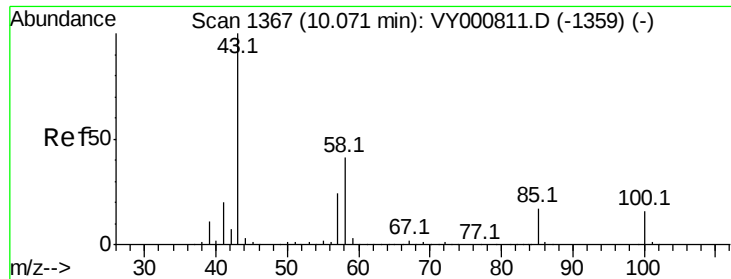
Tot Ion: 88 Resp: 30105
Ion Ratio Lower Upper
88 100
43 27.4 21.1 31.7
58 76.4 50.7 76.1#



#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 98 Resp: 733400
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 226.178 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

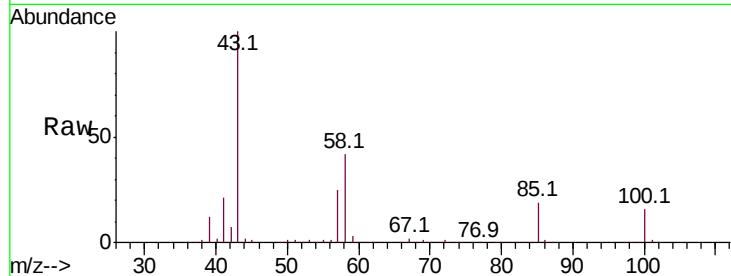
ClientSampleId :

Tot Ion: 43 Resp: 799745

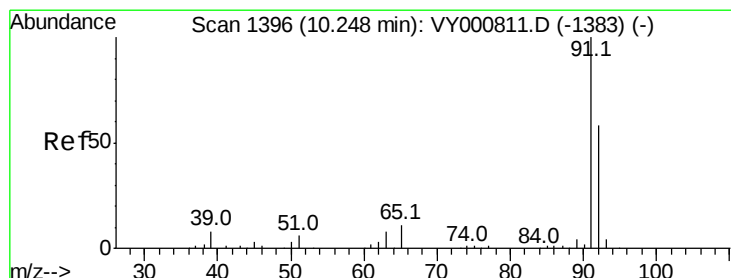
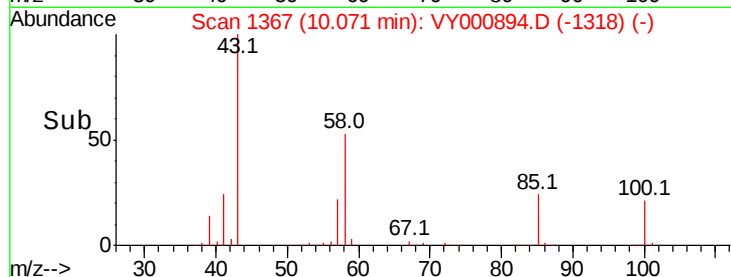
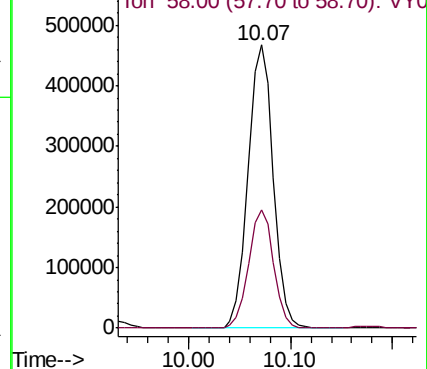
Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0



#52

Toluene

Concen: 51.952 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000894.D

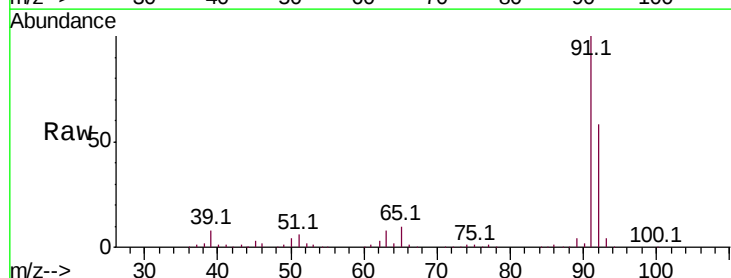
Acq: 06 Dec 2019 12:02

Tgt Ion: 92 Resp: 589276

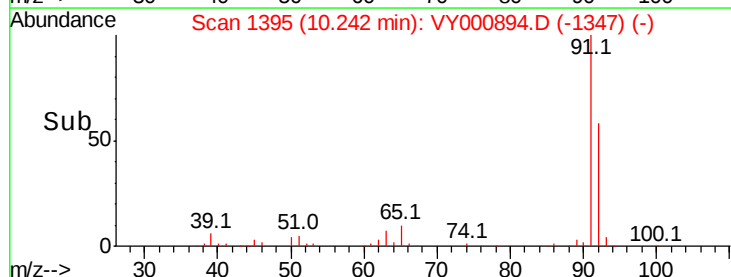
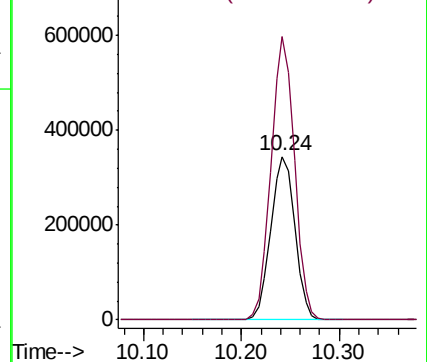
Ion Ratio Lower Upper

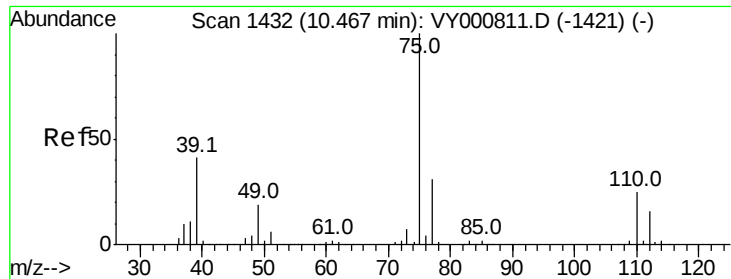
92 100

91 169.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

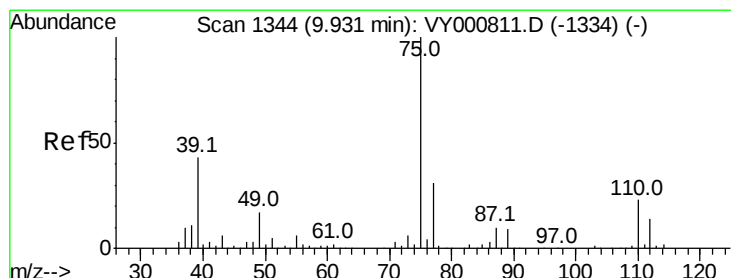
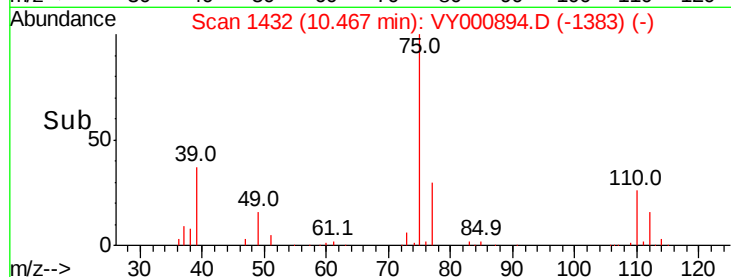
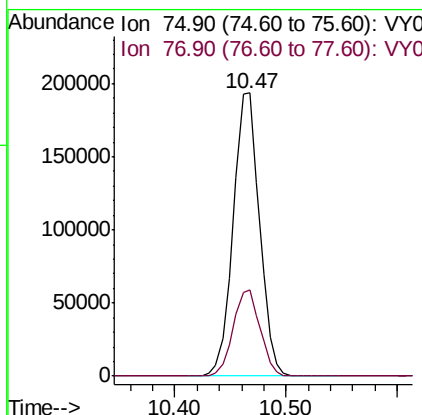
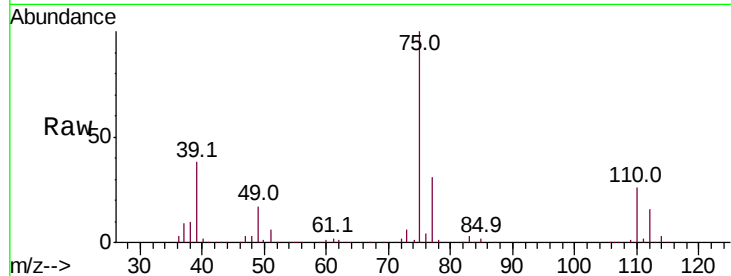




#53
t-1,3-Dichloropropene
Concen: 52.074 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

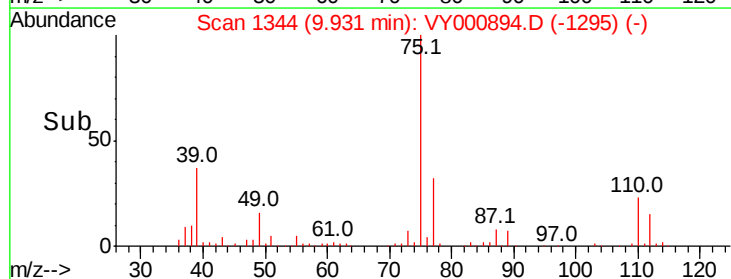
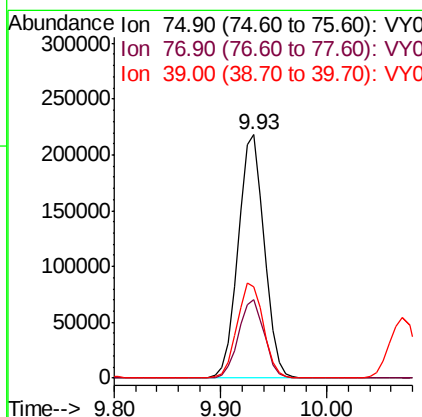
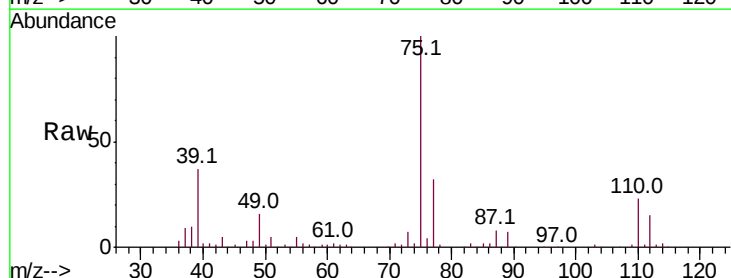
Instrument :
MSVOA_Y
ClientSampleId :

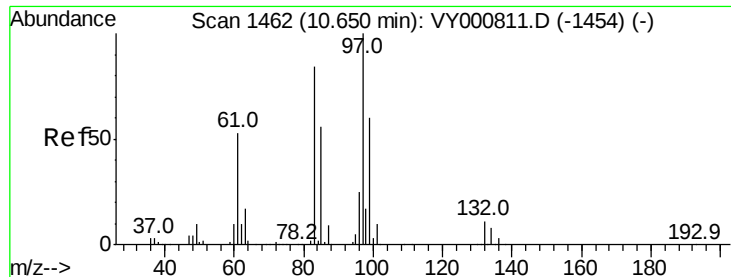
Tot Ion: 75 Resp: 315989
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.398 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 75 Resp: 375823
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 37.3 34.5 51.7

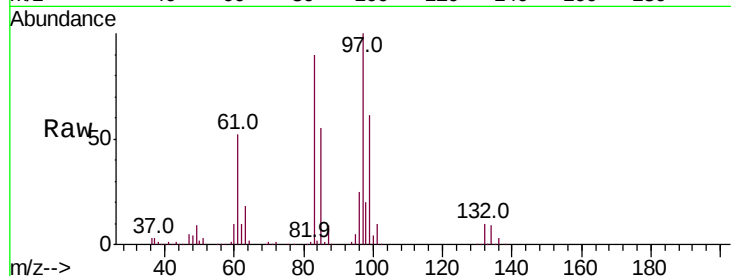




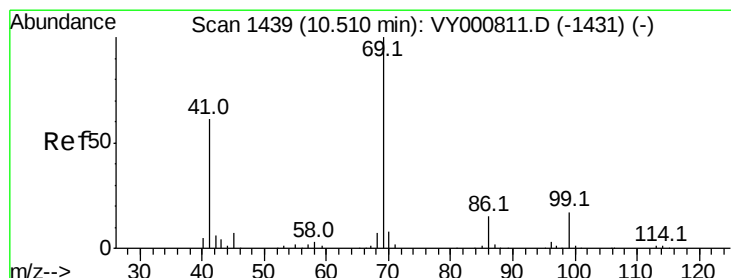
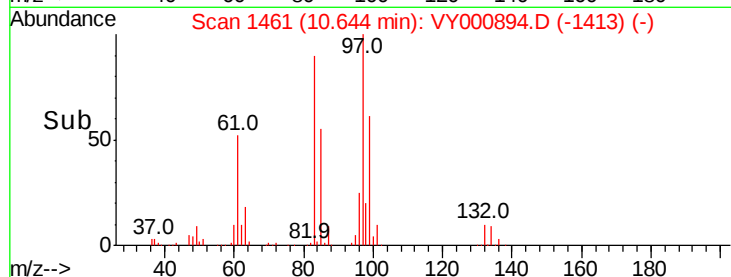
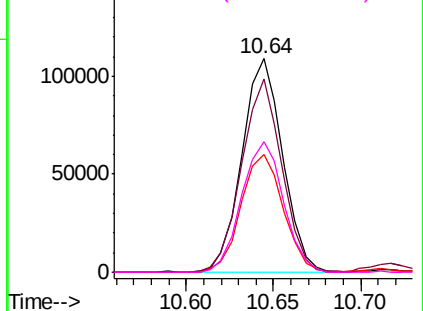
#55
 1,1,2-Trichloroethane
 Concen: 49.897 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 177243
 Ion Ratio Lower Upper
 97 100
 83 90.4 67.5 101.3
 85 55.1 44.5 66.7
 99 60.9 47.7 71.5

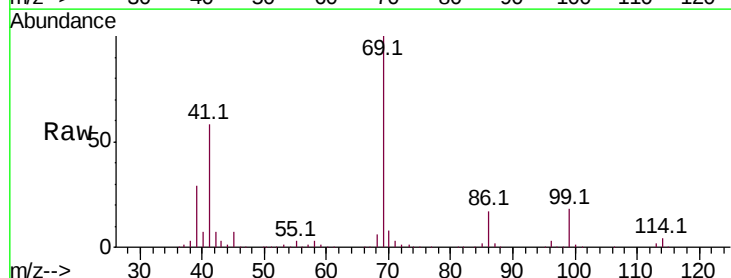


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

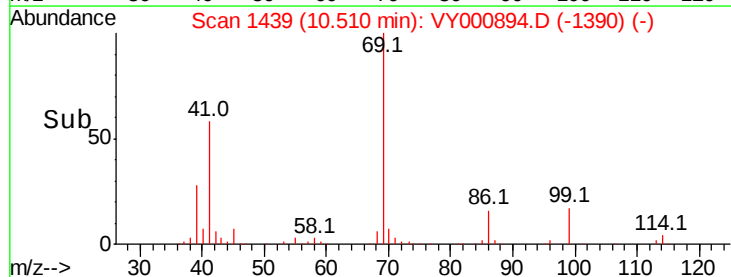
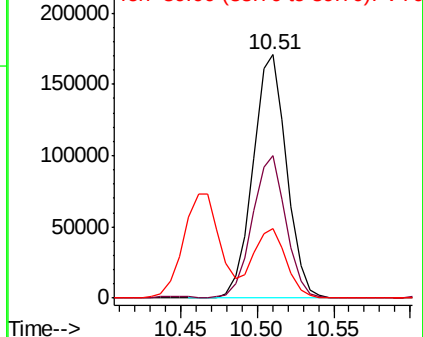


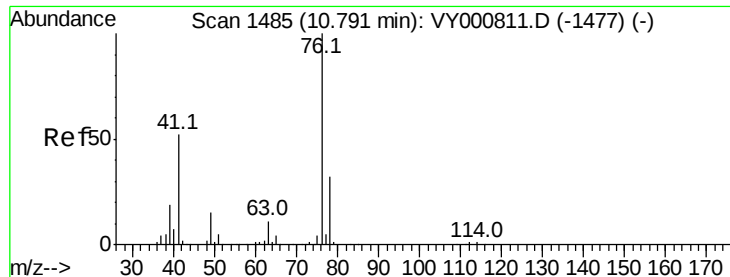
#56
 Ethyl methacrylate
 Concen: 51.133 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 69 Resp: 259834
 Ion Ratio Lower Upper
 69 100
 41 58.1 49.0 73.6
 39 28.4 23.1 34.7



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: 50.816 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

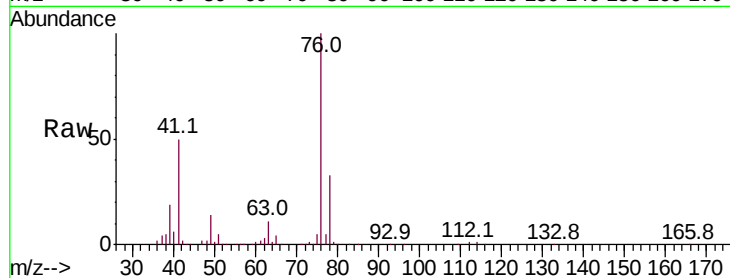
ClientSampleId :

Tot Ion: 76 Resp: 314603

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

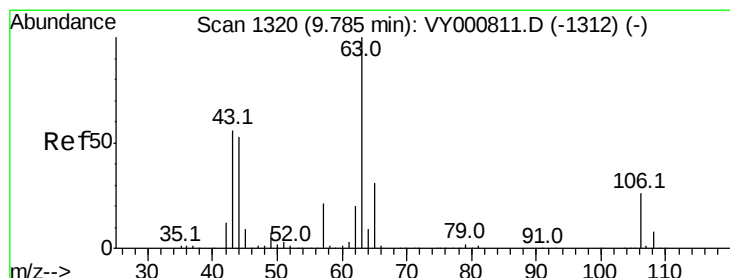
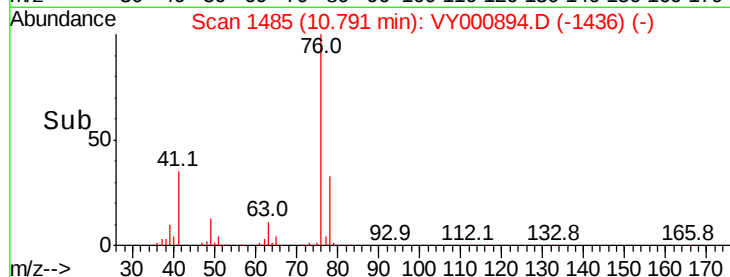
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 217.824 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000894.D

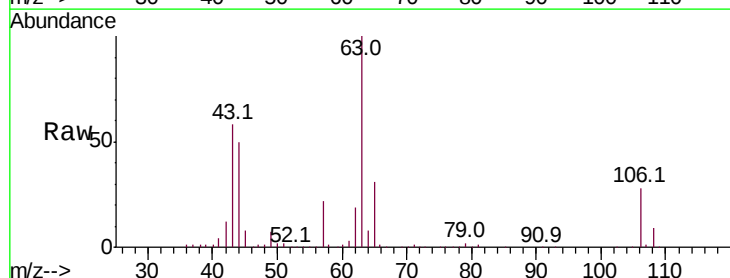
Acq: 06 Dec 2019 12:02

Tgt Ion: 63 Resp: 446307

Ion Ratio Lower Upper

63 100

106 27.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

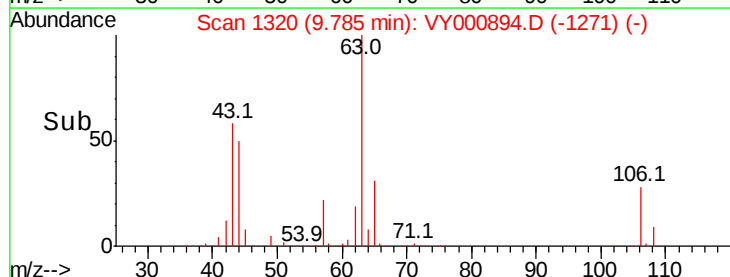
150000

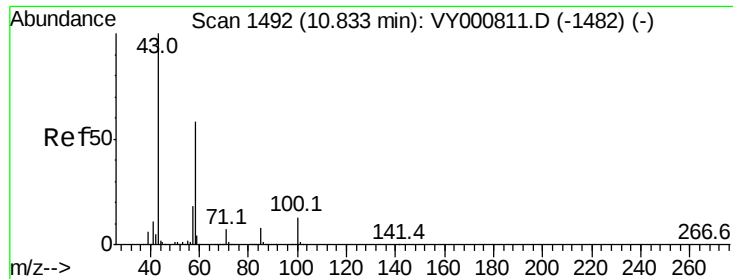
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 224.835 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

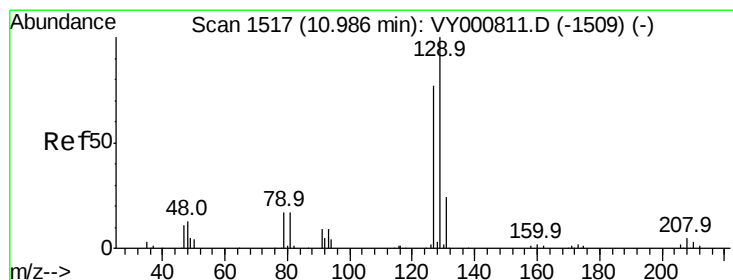
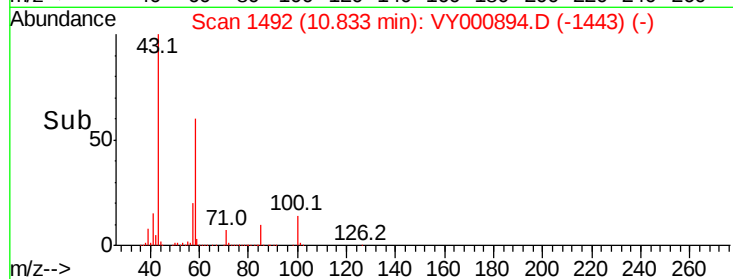
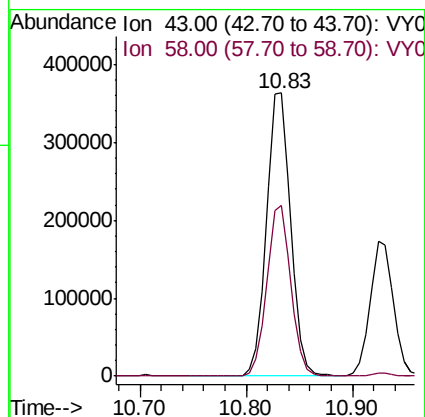
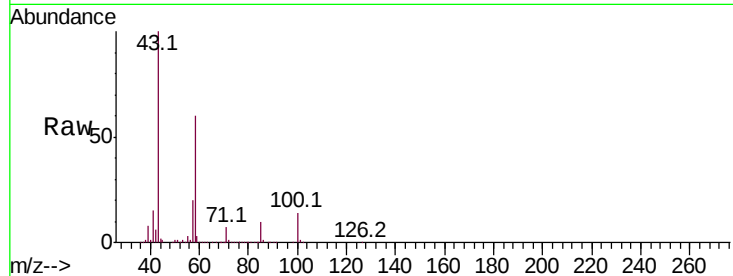
ClientSampleId :

Tot Ion: 43 Resp: 579296

Ion Ratio Lower Upper

43 100

58 59.8 29.0 87.1



#60

Dibromochloromethane

Concen: 51.605 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY000894.D

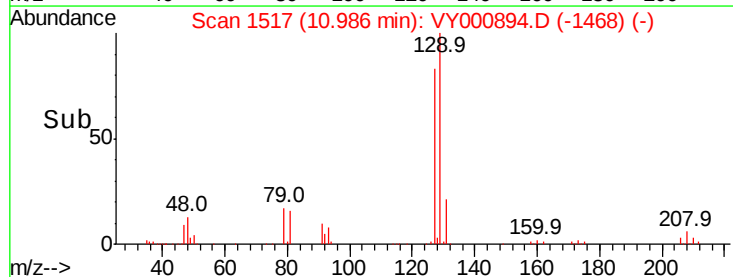
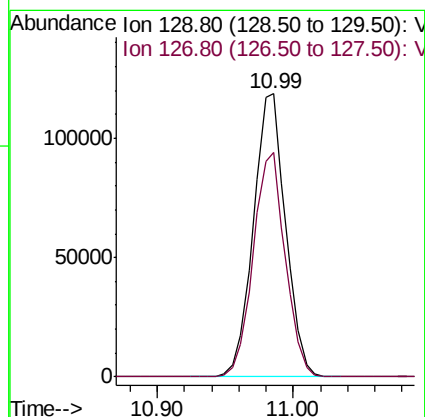
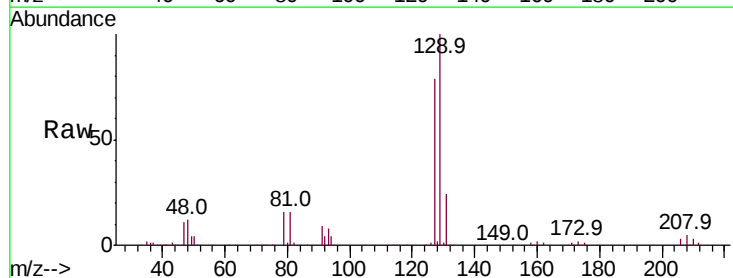
Acq: 06 Dec 2019 12:02

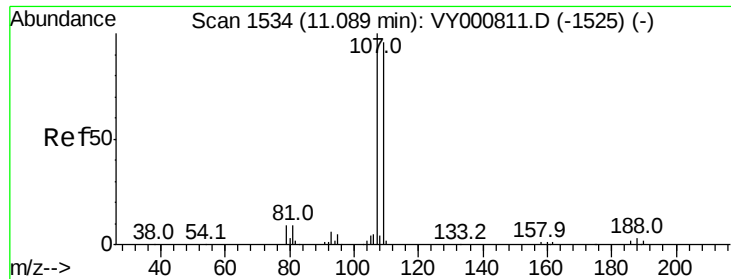
Tgt Ion: 129 Resp: 197336

Ion Ratio Lower Upper

129 100

127 78.8 39.1 117.2

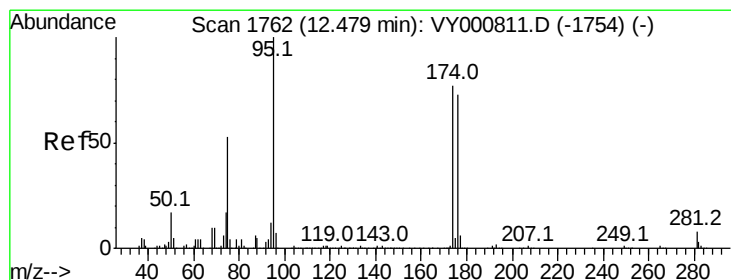
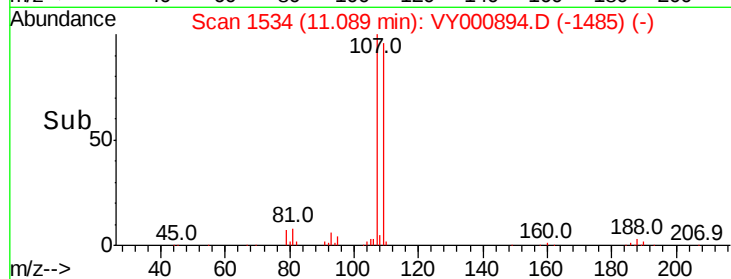
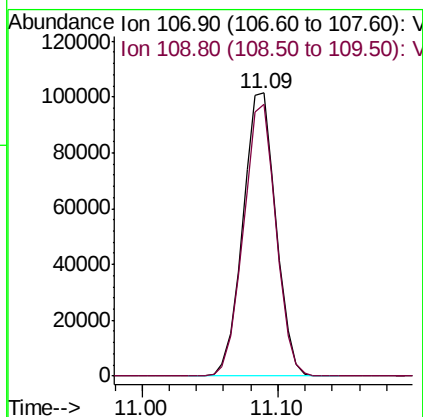
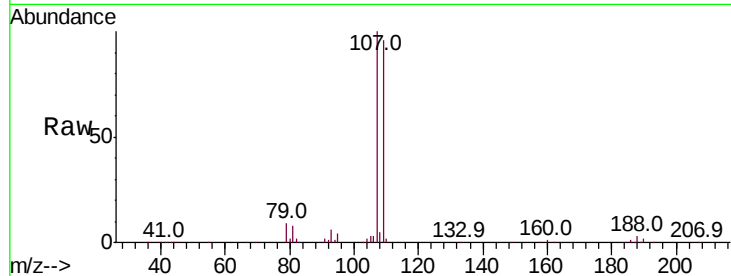




#61
 1,2-Dibromoethane
 Concen: 51.336 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

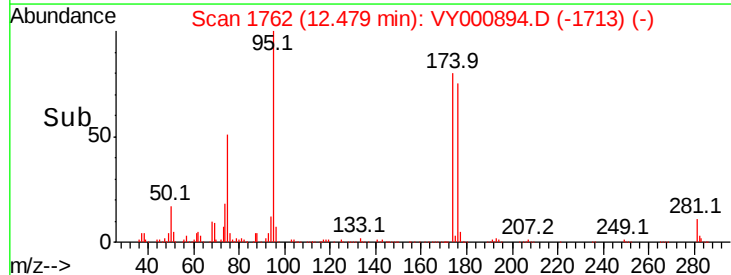
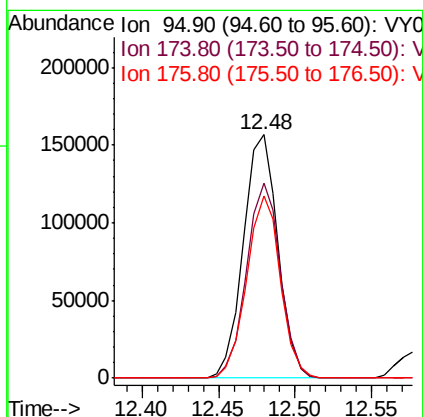
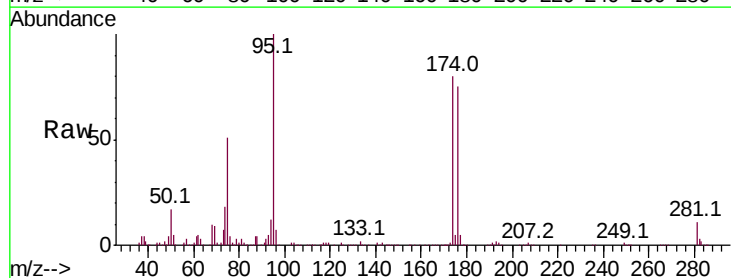
Instrument :
 MSVOA_Y
 ClientSampled :

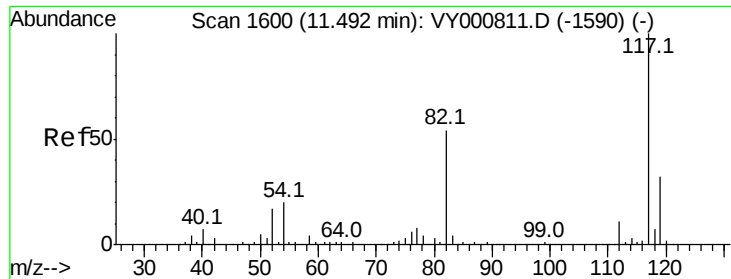
Tot Ion:107 Resp: 171860
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 44.324 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion: 95 Resp: 245329
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 150.6
 176 73.3 0.0 145.2

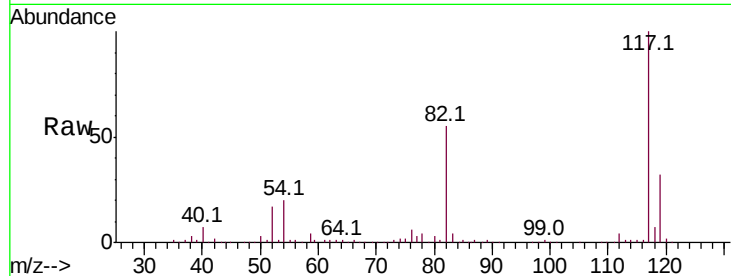




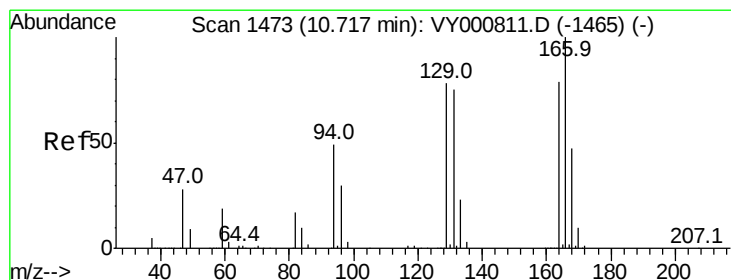
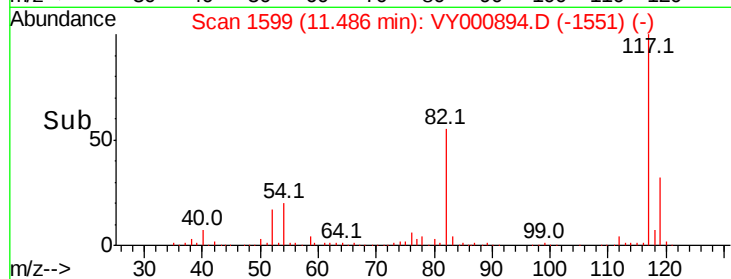
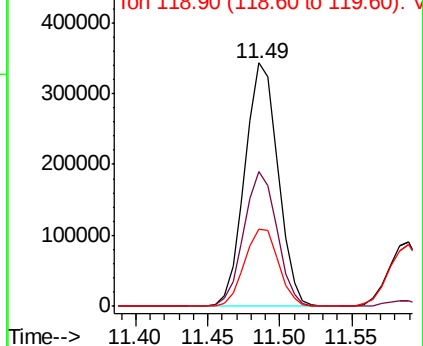
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 547429
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 32.0 25.3 37.9

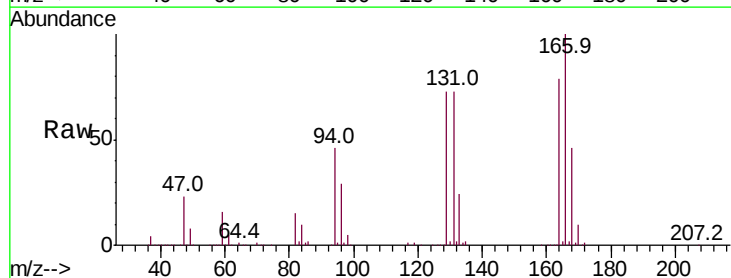


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

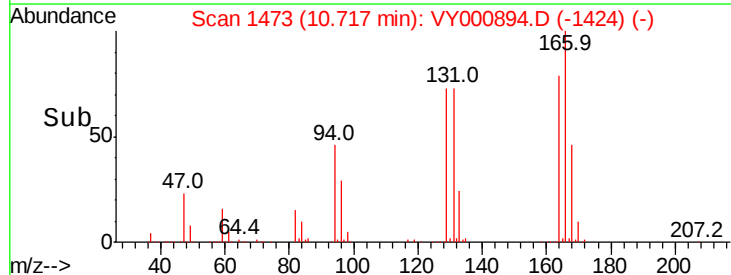
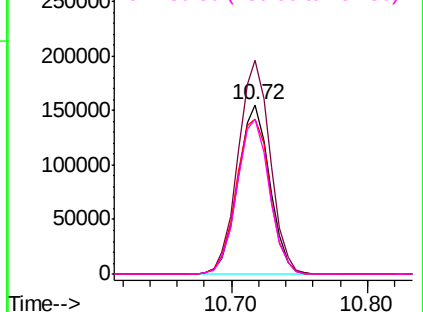


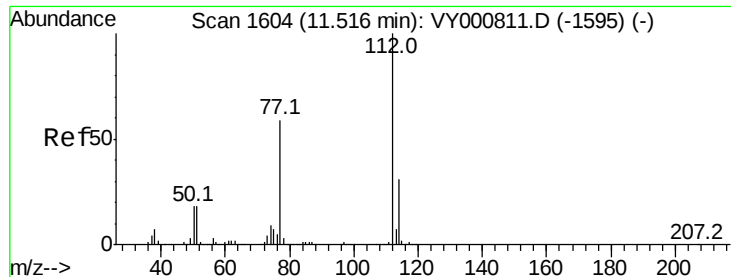
#64
Tetrachloroethene
Concen: 53.140 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion:164 Resp: 252743
Ion Ratio Lower Upper
164 100
166 125.9 101.8 152.8
129 91.4 79.3 118.9
131 91.6 76.4 114.6



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





#65

Chlorobenzene

Concen: 53.245 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

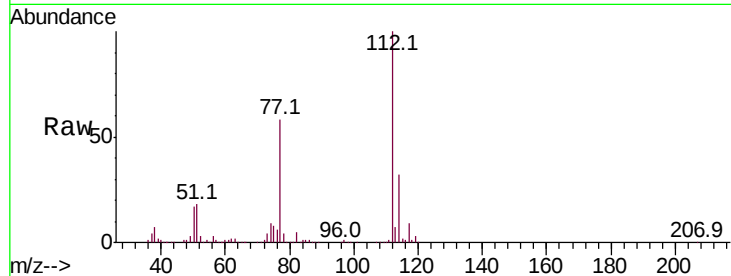
ClientSampleId :

Tot Ion:112 Resp: 605877

Ion Ratio Lower Upper

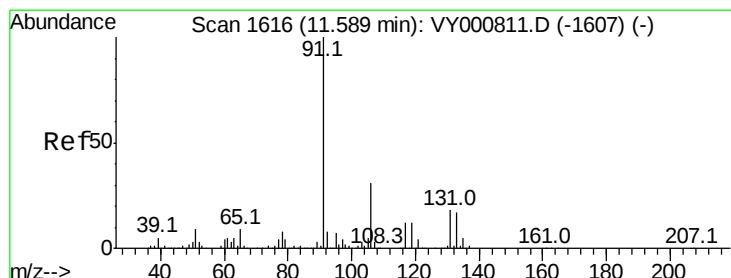
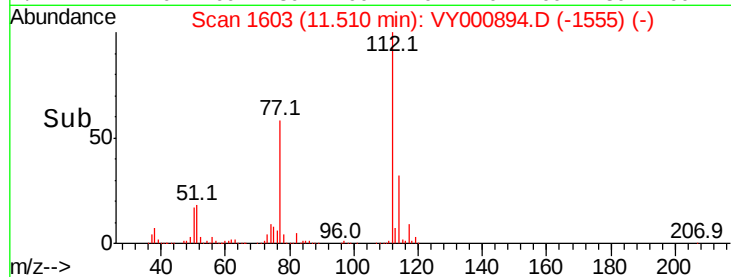
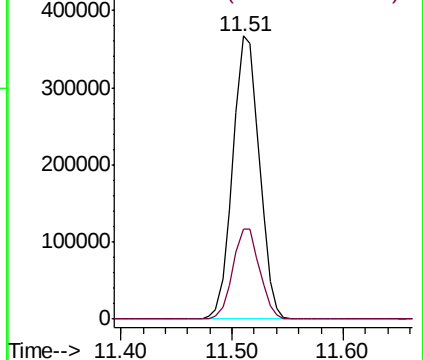
112 100

114 31.9 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.539 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

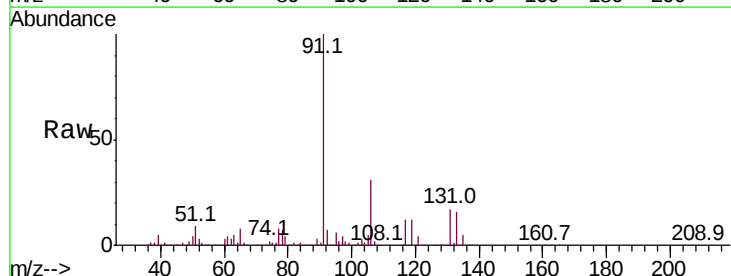
Tgt Ion:131 Resp: 209147

Ion Ratio Lower Upper

131 100

133 93.9 47.4 142.2

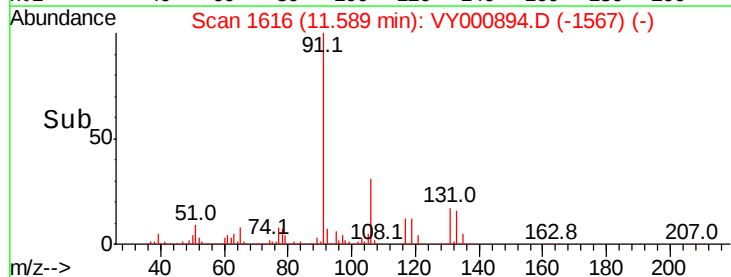
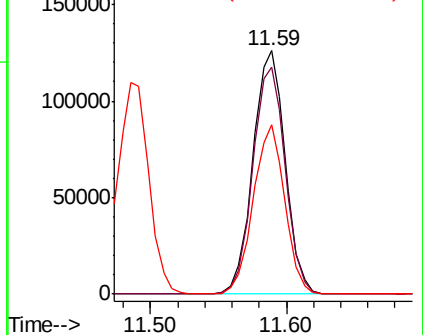
119 67.9 33.8 101.3

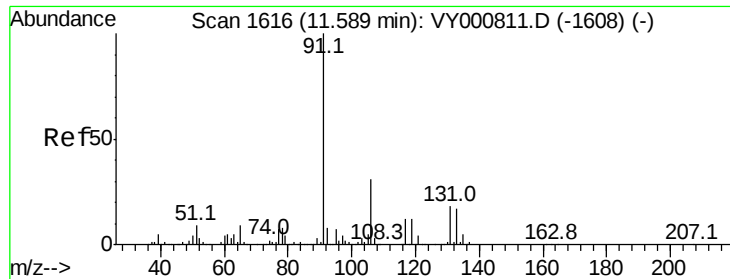


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.390 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

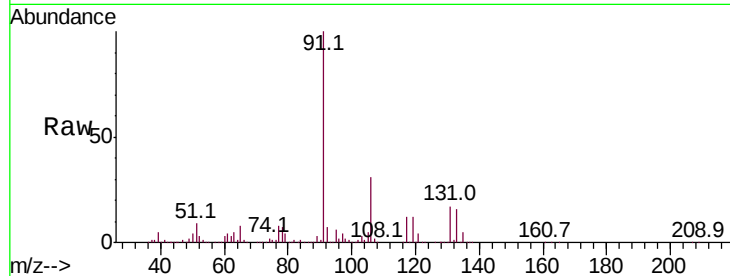
ClientSampleId :

Tot Ion: 91 Resp: 1131452

Ion Ratio Lower Upper

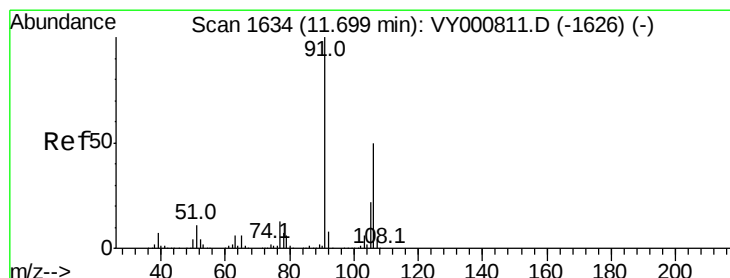
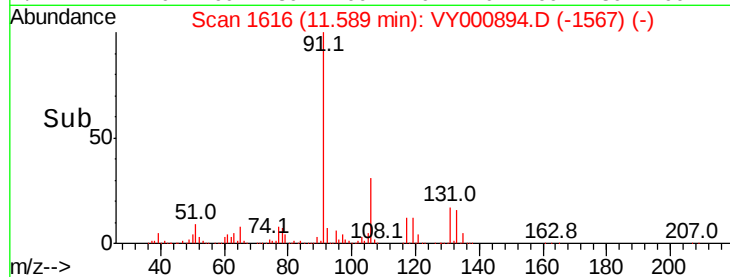
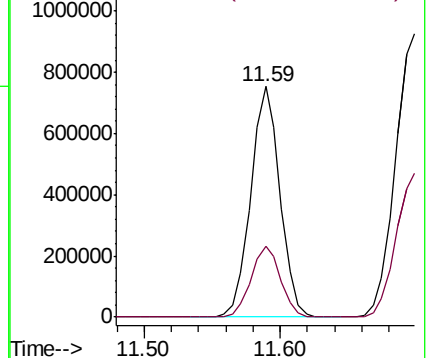
91 100

106 30.8 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.216 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000894.D

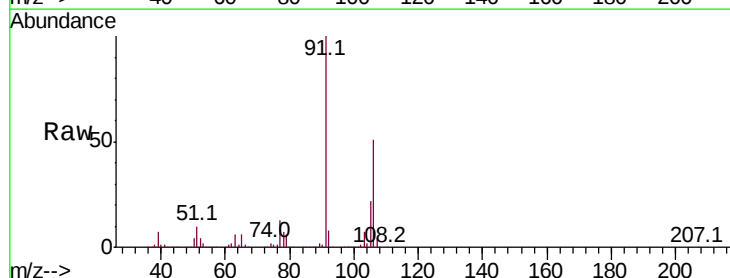
Acq: 06 Dec 2019 12:02

Tgt Ion:106 Resp: 844884

Ion Ratio Lower Upper

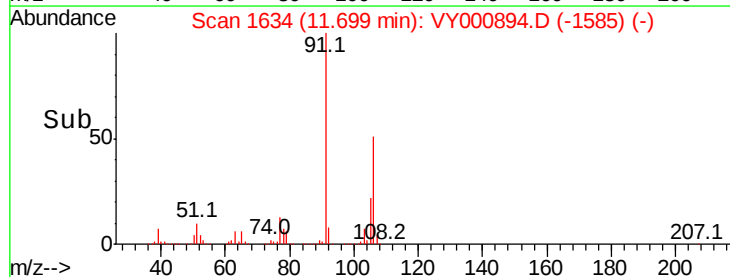
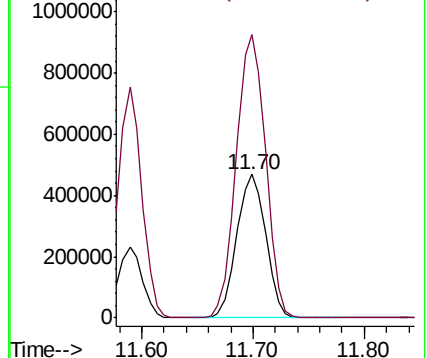
106 100

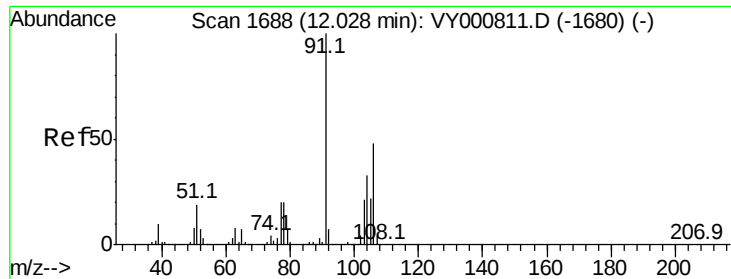
91 199.7 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

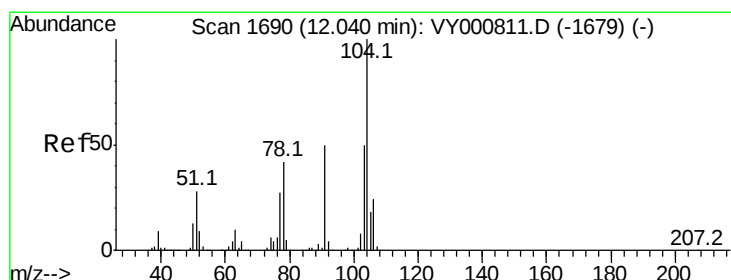
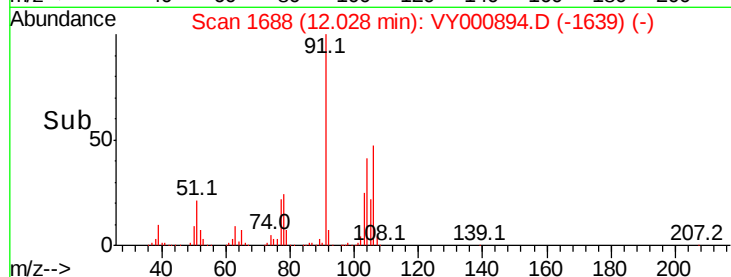
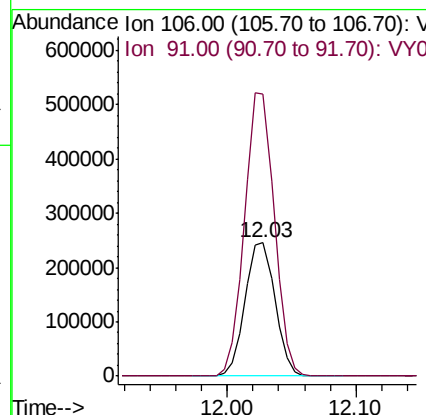
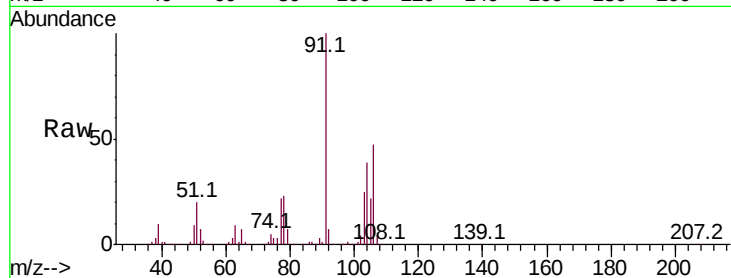




#69
o-Xylene
Concen: 53.356 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

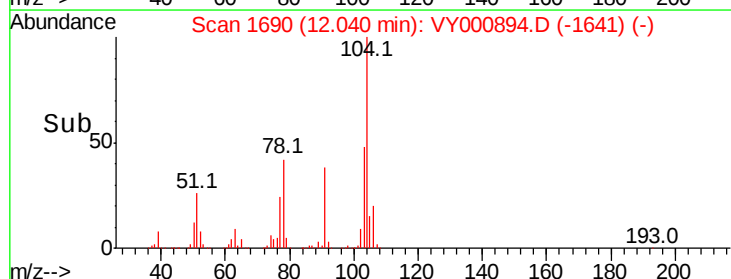
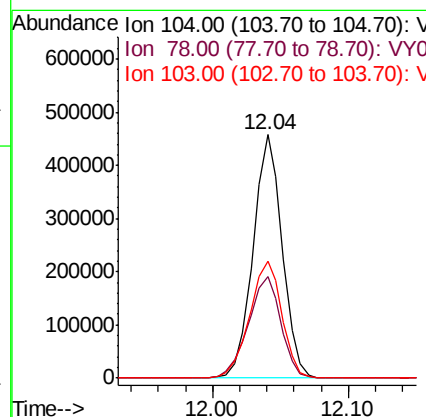
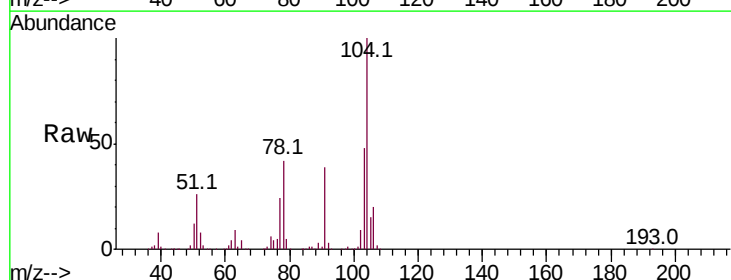
Instrument :
MSVOA_Y
ClientSampled :

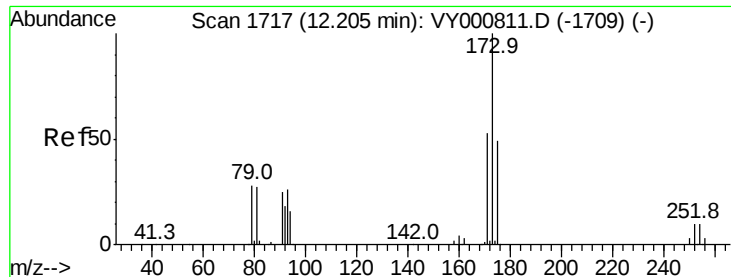
Tot Ion:106 Resp: 395728
Ion Ratio Lower Upper
106 100
91 210.3 106.1 318.1



#70
Styrene
Concen: 53.963 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion:104 Resp: 685310
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 53.4 43.4 65.0





#71

Bromoform

Concen: 52.513 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

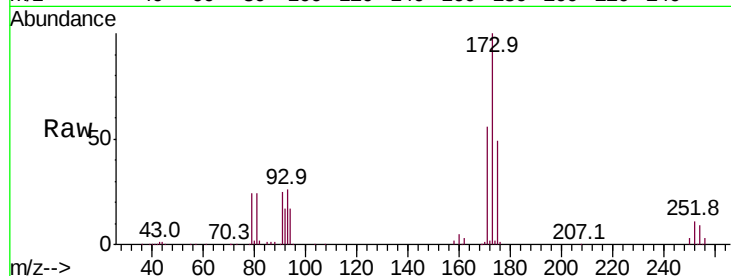
Tot Ion:173 Resp: 113576

Ion Ratio Lower Upper

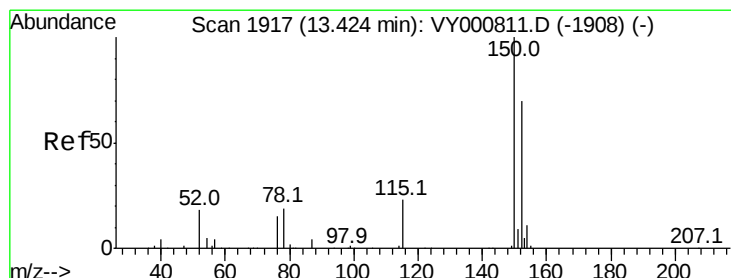
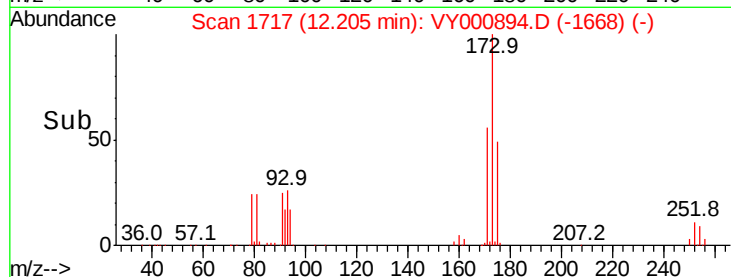
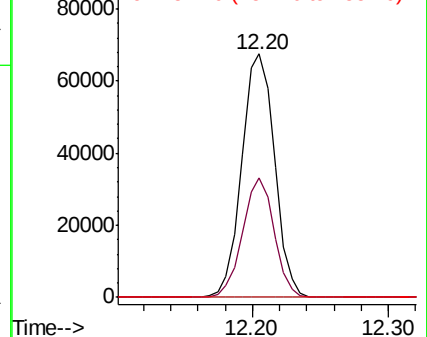
173 100

175 47.4 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

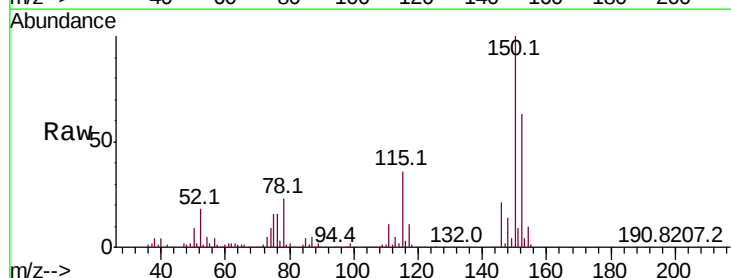
Tgt Ion:152 Resp: 252521

Ion Ratio Lower Upper

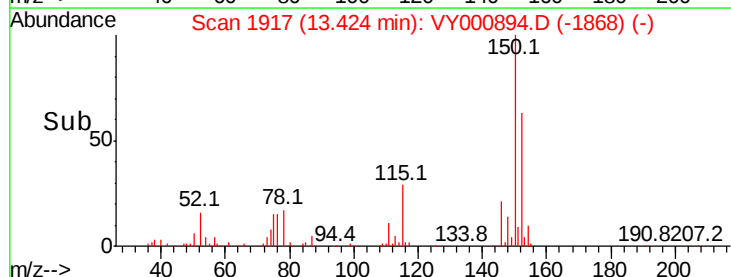
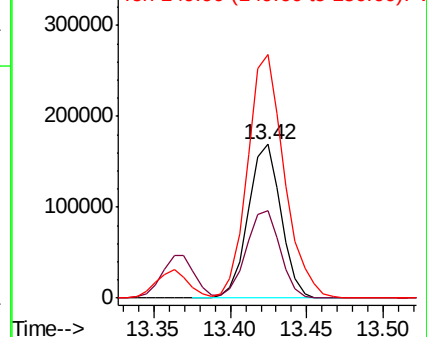
152 100

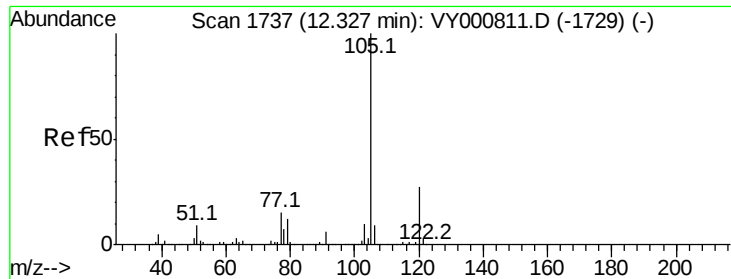
115 58.8 29.3 87.8

150 176.7 0.0 351.2



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

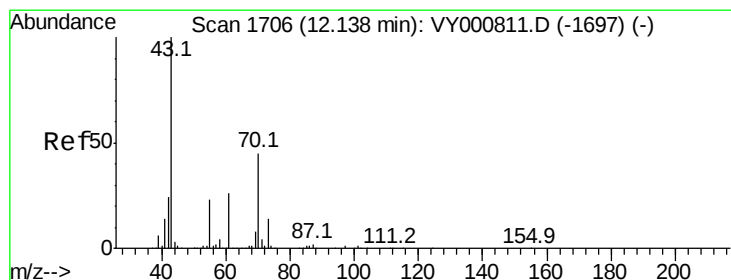
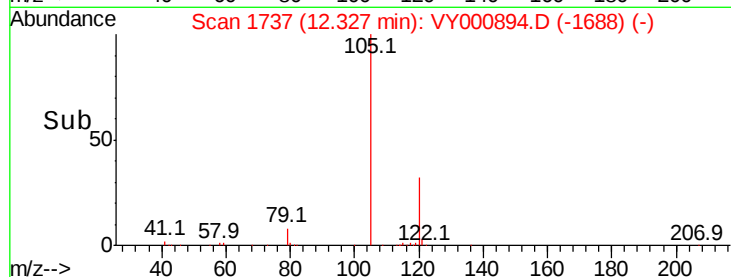
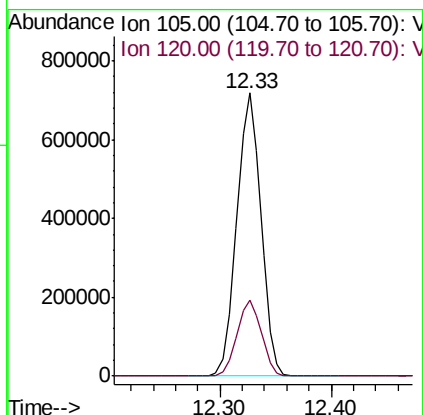
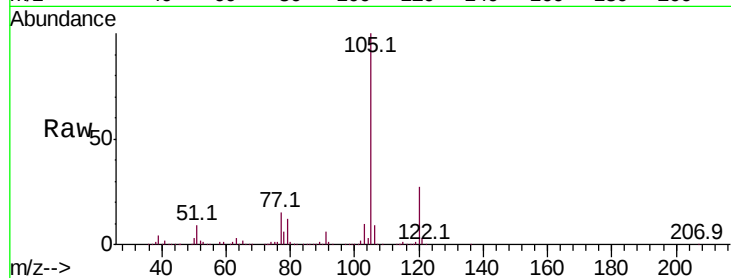




#73
Isopropylbenzene
Concen: 53.640 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

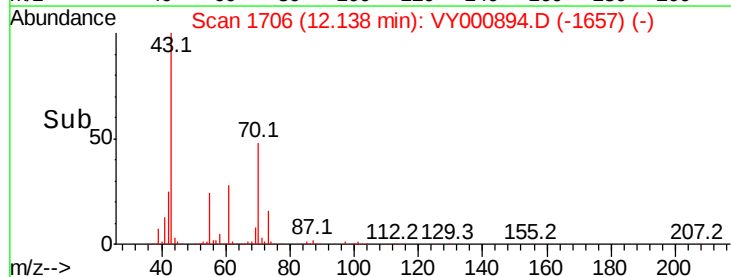
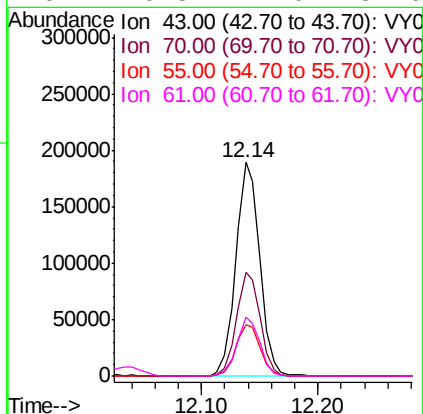
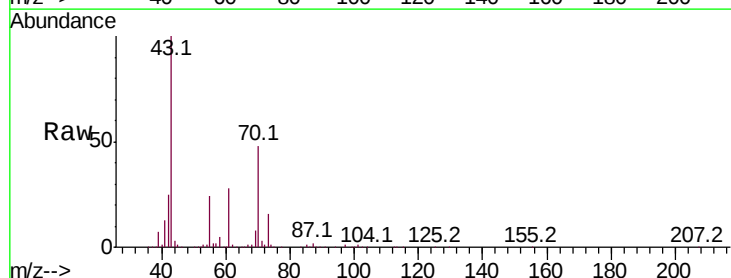
Instrument :
MSVOA_Y
ClientSampleId :

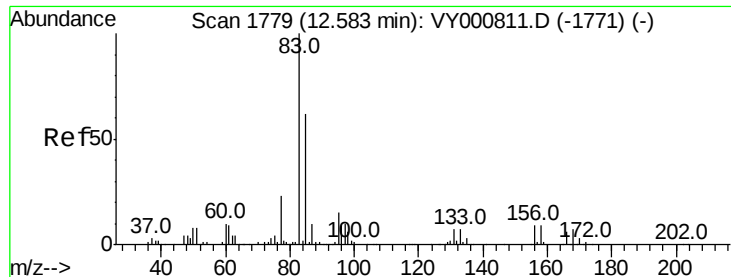
Tot Ion:105 Resp: 1078511
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 48.204 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 43 Resp: 269764
Ion Ratio Lower Upper
43 100
70 48.2 36.6 54.8
55 24.4 18.8 28.2
61 26.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.363 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

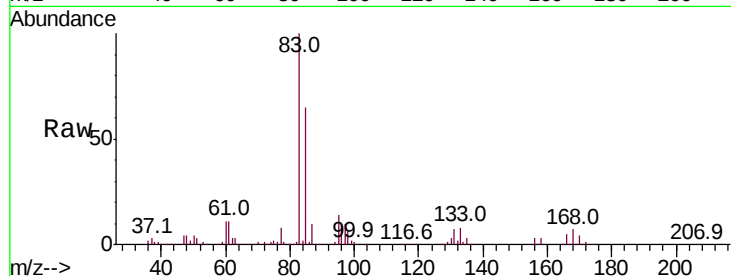
Tot Ion: 83 Resp: 195562

Ion Ratio Lower Upper

83 100

131 9.4 4.3 13.1

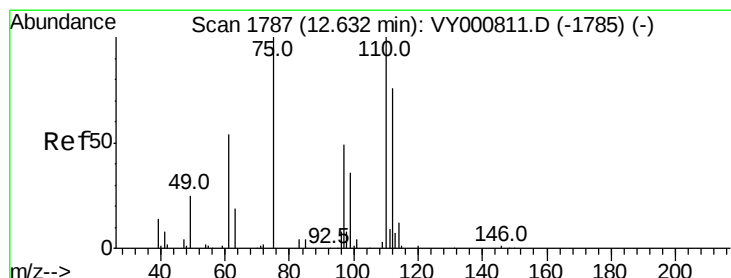
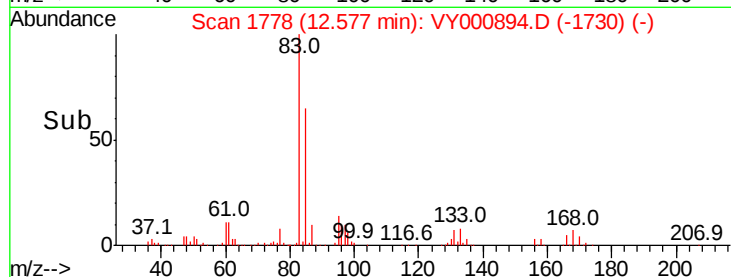
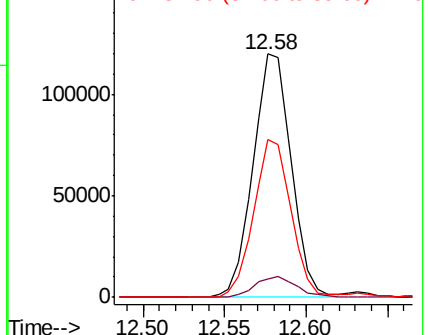
85 63.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY000811.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000811.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000811.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 96.662 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000894.D

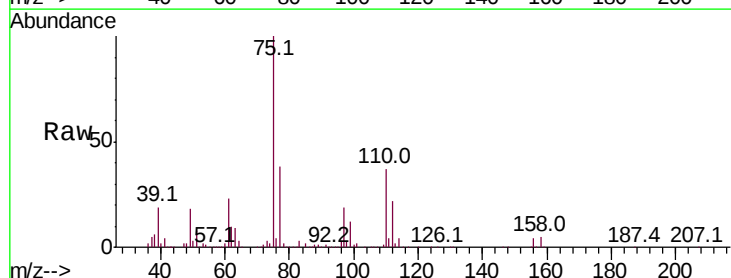
Acq: 06 Dec 2019 12:02

Tgt Ion: 75 Resp: 276554

Ion Ratio Lower Upper

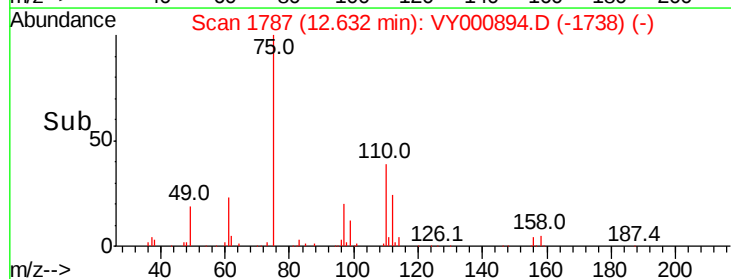
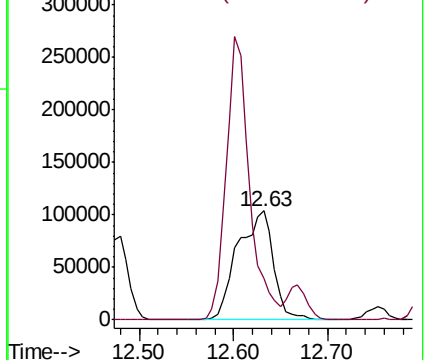
75 100

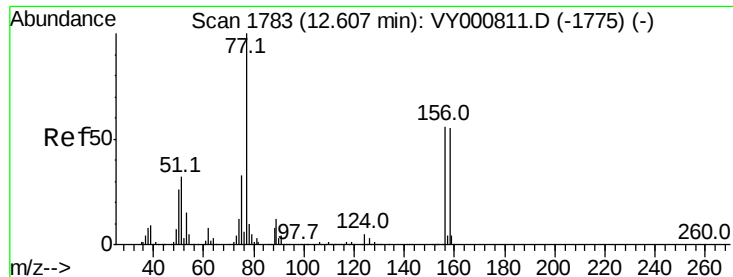
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000811.D (-1785) (-)





#77

Bromobenzene

Concen: 52.443 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

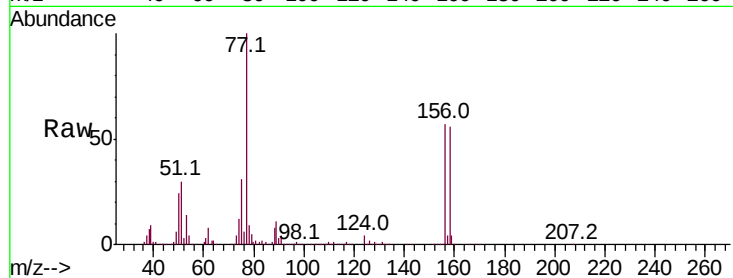
Tot Ion:156 Resp: 228563

Ion Ratio Lower Upper

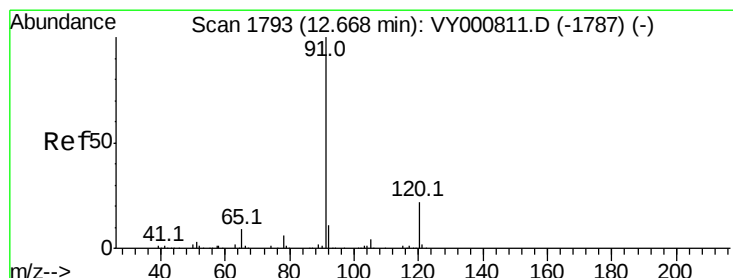
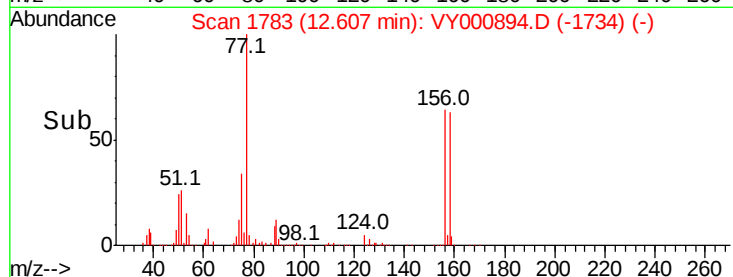
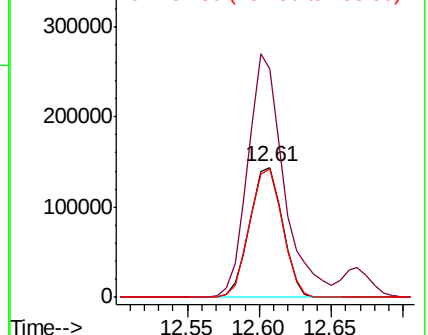
156 100

77 204.0 102.6 307.7

158 98.5 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.700 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000894.D

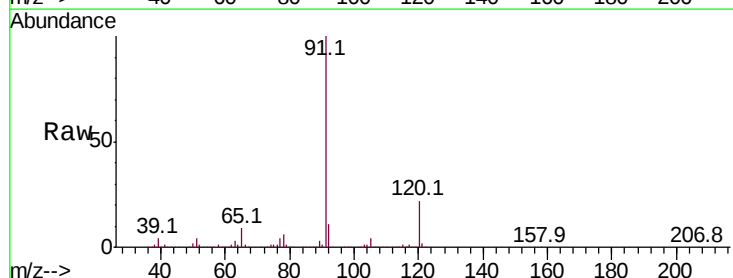
Acq: 06 Dec 2019 12:02

Tgt Ion: 91 Resp: 1318344

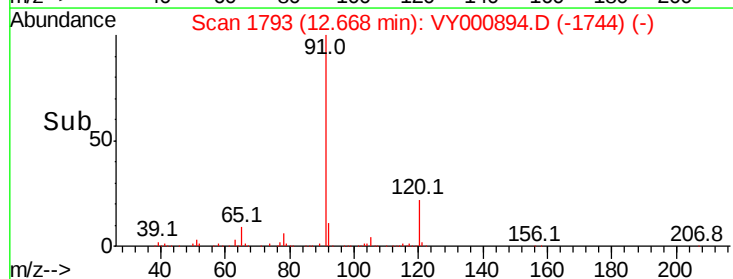
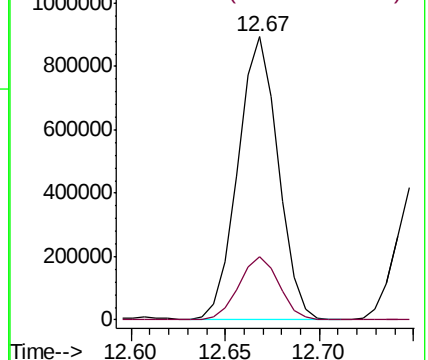
Ion Ratio Lower Upper

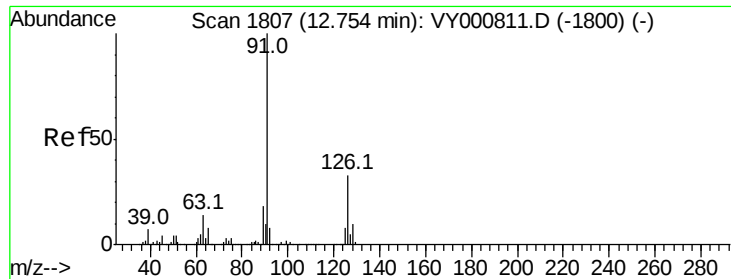
91 100

120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.148 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

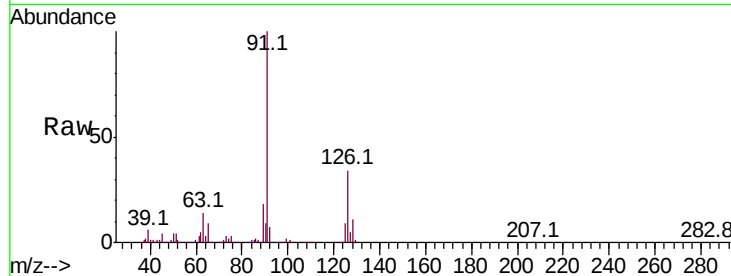
ClientSampleId :

Tot Ion: 91 Resp: 720834

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

800000

600000

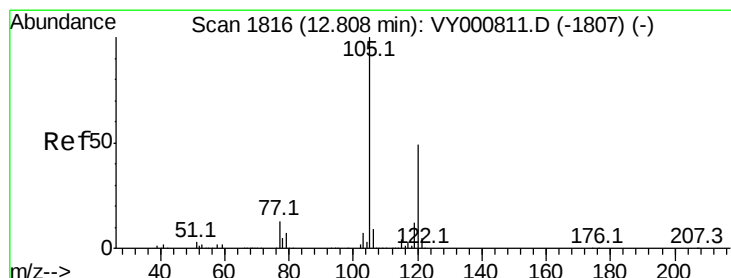
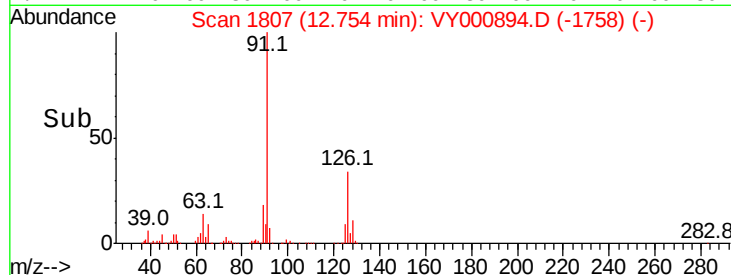
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.916 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000894.D

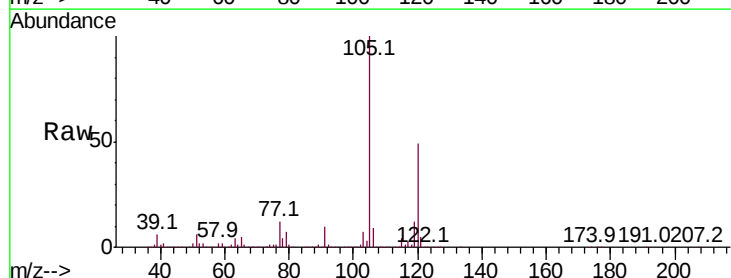
Acq: 06 Dec 2019 12:02

Tgt Ion: 105 Resp: 897575

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

600000

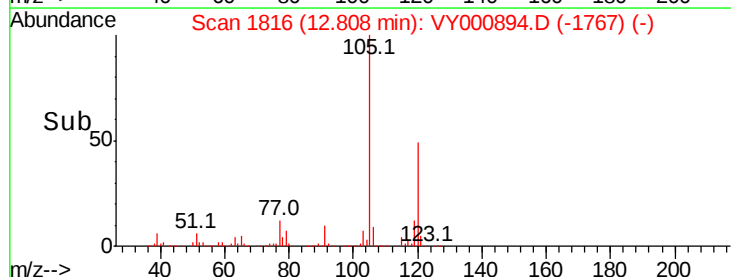
400000

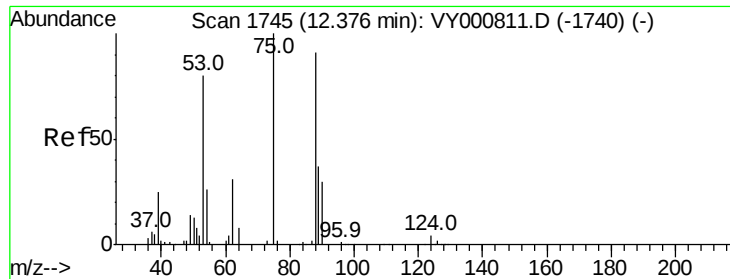
200000

0

12.70 12.80 12.90

Time-->

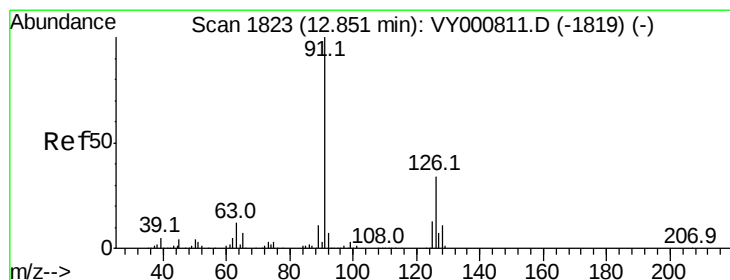
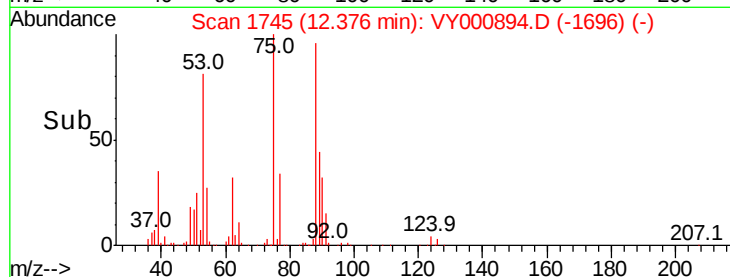
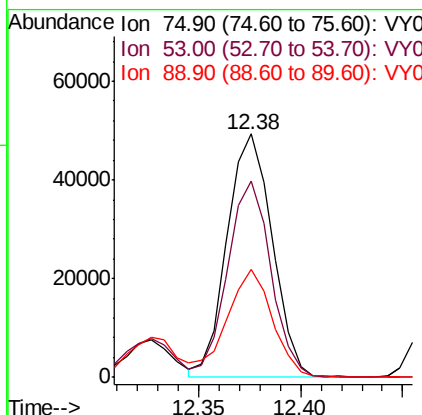
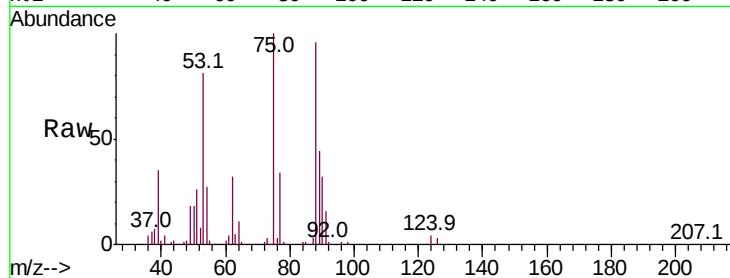




#81
trans-1,4-Dichloro-2-butene
Concen: 51.406 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

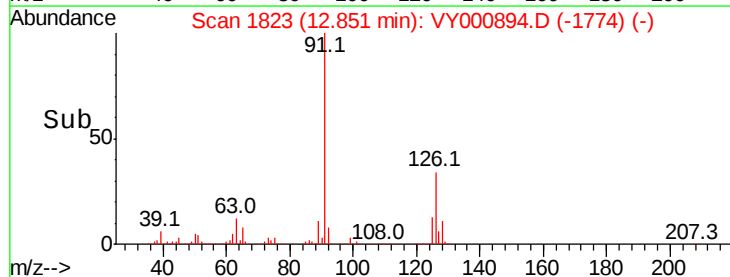
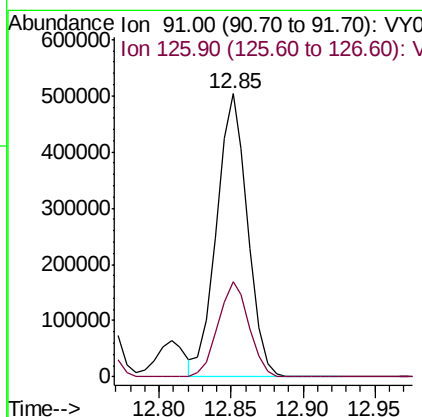
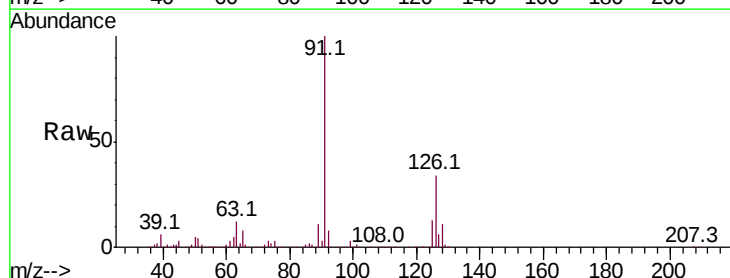
Instrument :
MSVOA_Y
ClientSampleId :

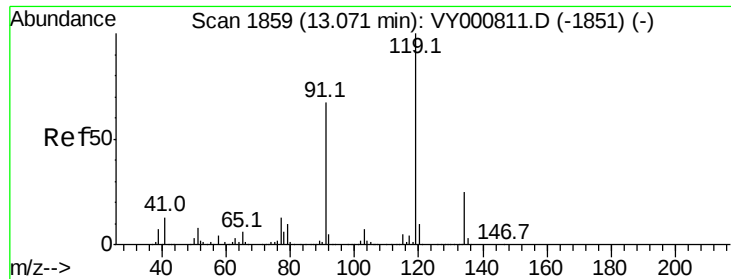
Tot Ion: 75 Resp: 74875
Ion Ratio Lower Upper
75 100
53 78.2 64.6 96.8
89 45.3 33.6 50.4



#82
4-Chlorotoluene
Concen: 54.040 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 91 Resp: 755115
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9





#83

tert-Butylbenzene

Concen: 52.522 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

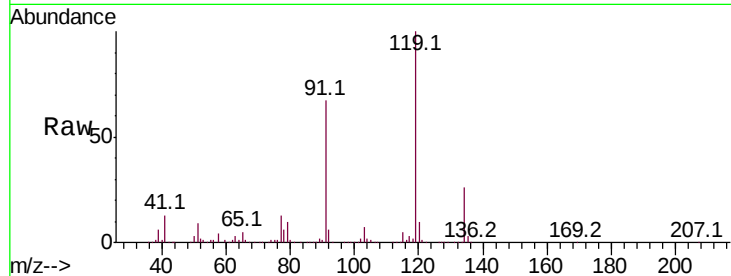
Tot Ion:119 Resp: 735111

Ion Ratio Lower Upper

119 100

91 65.9 32.3 96.8

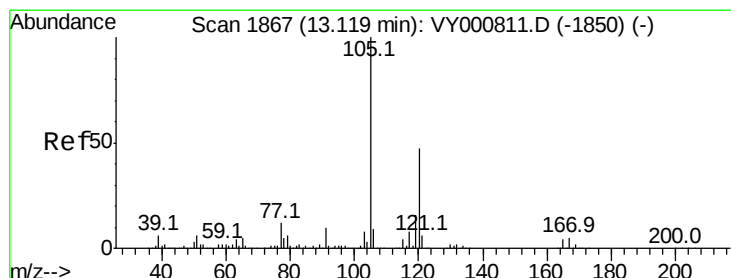
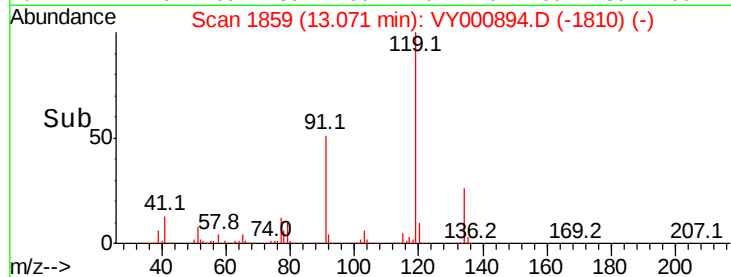
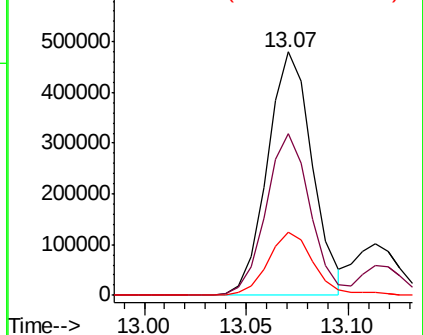
134 26.5 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.123 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY000894.D

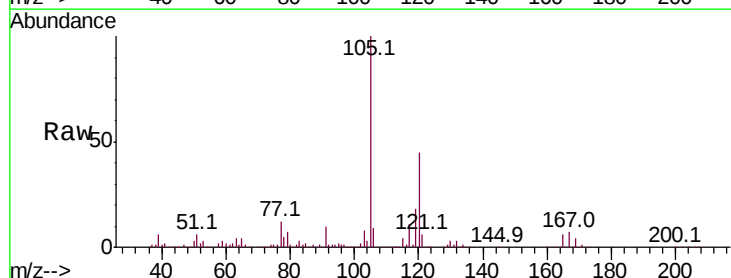
Acq: 06 Dec 2019 12:02

Tgt Ion:105 Resp: 884785

Ion Ratio Lower Upper

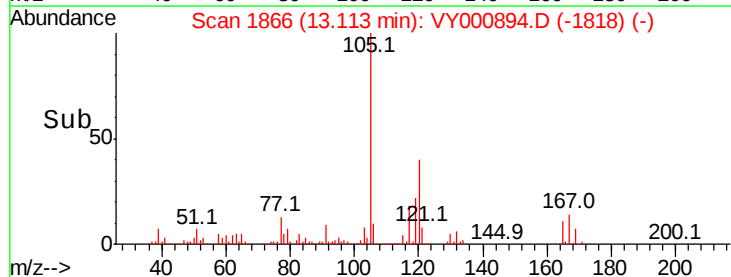
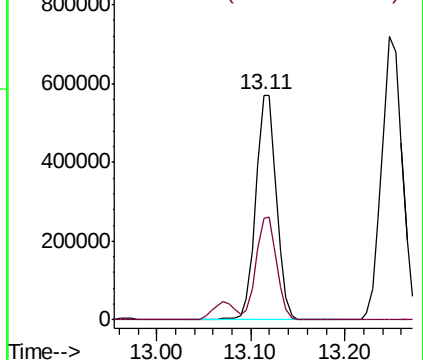
105 100

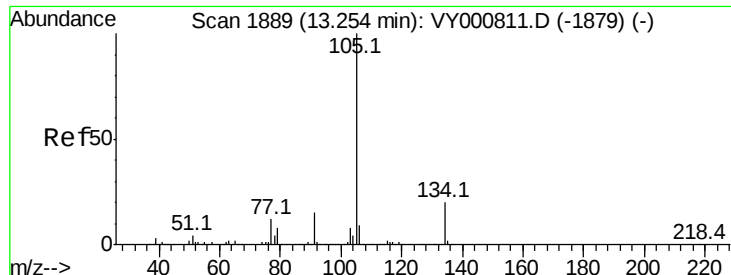
120 45.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.638 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

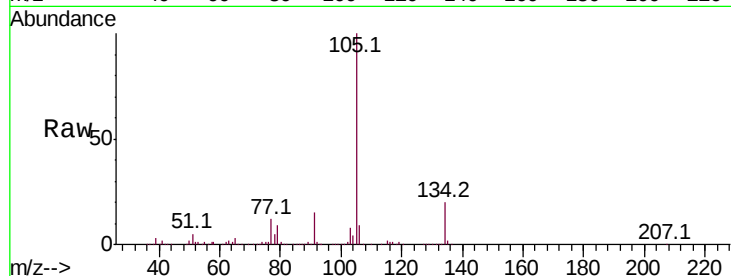
ClientSampled :

Tot Ion:105 Resp: 1091837

Ion Ratio Lower Upper

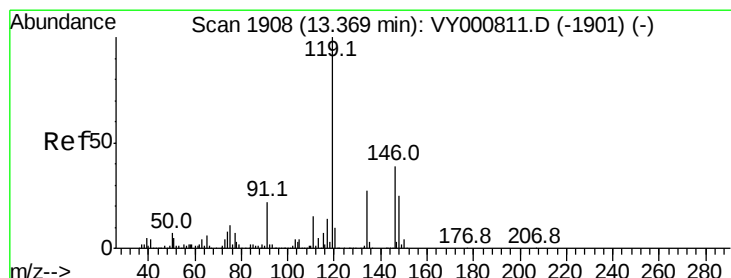
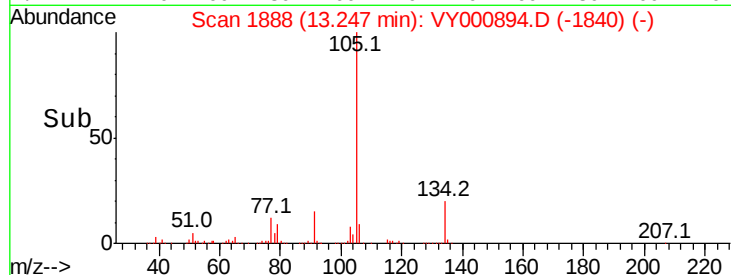
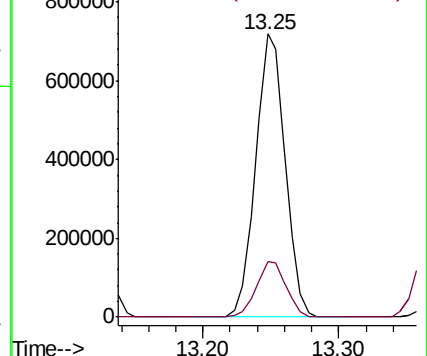
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.666 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

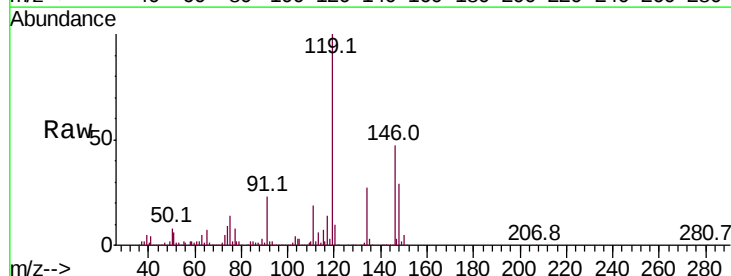
Tgt Ion:119 Resp: 950157

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

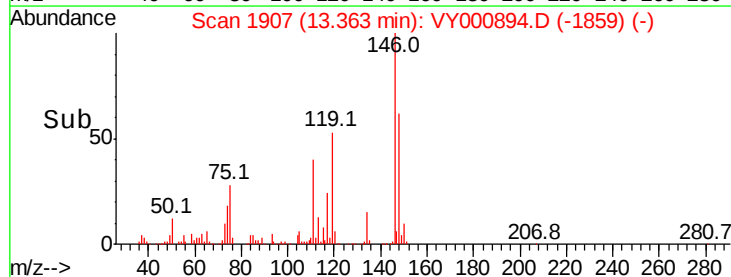
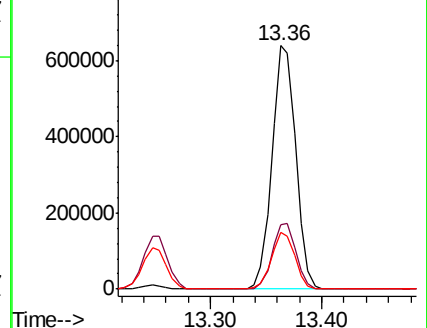
91 23.0 11.5 34.5

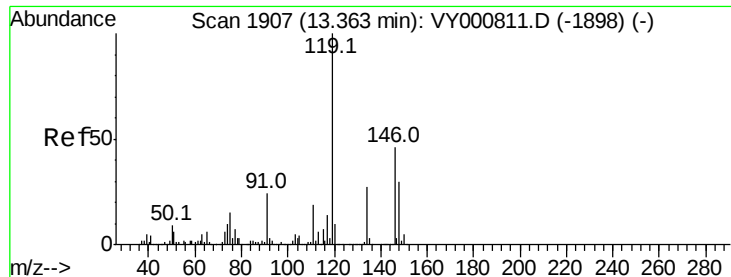


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

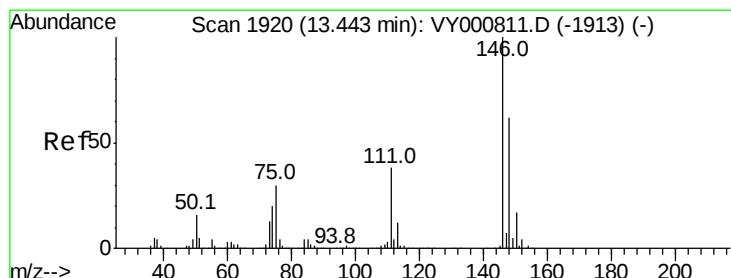
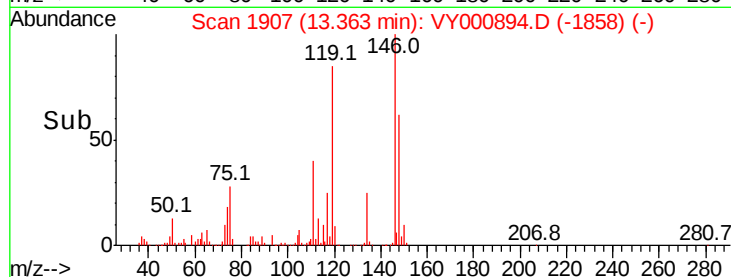
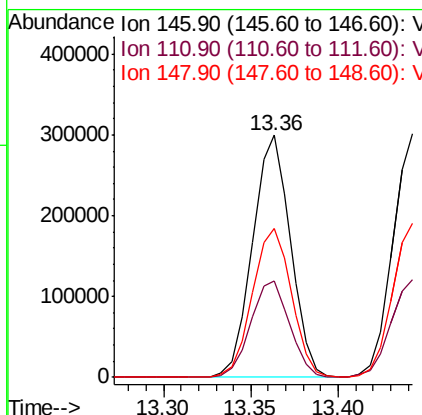
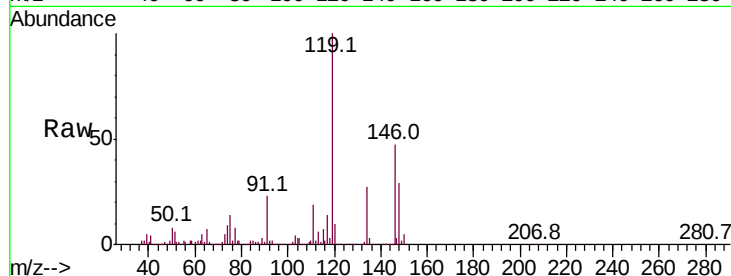




#87
 1,3-Dichlorobenzene
 Concen: 52.858 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

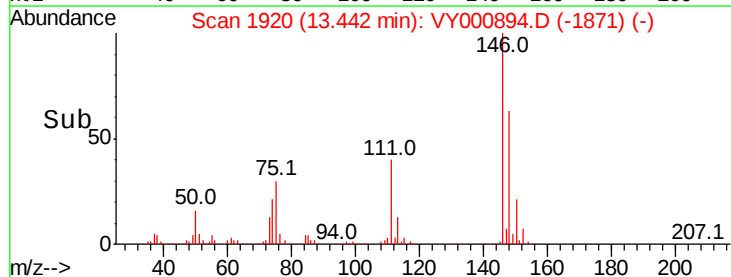
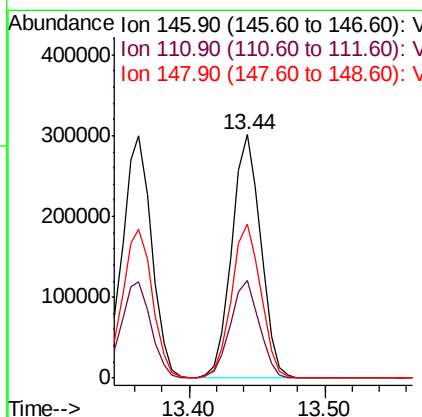
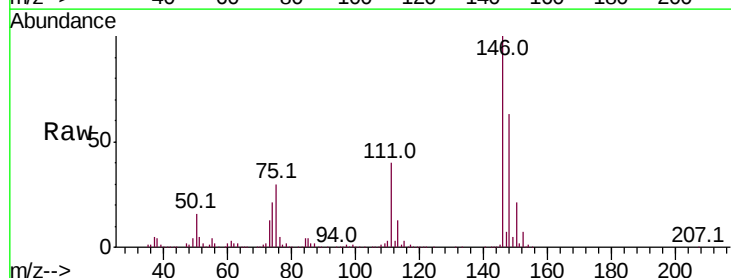
Instrument :
 MSVOA_Y
 ClientSampleId :

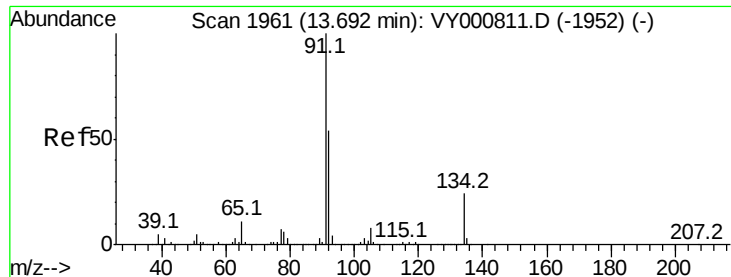
Tot Ion:146 Resp: 451925
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 60.0
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.719 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion:146 Resp: 446296
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 64.2 31.7 95.1

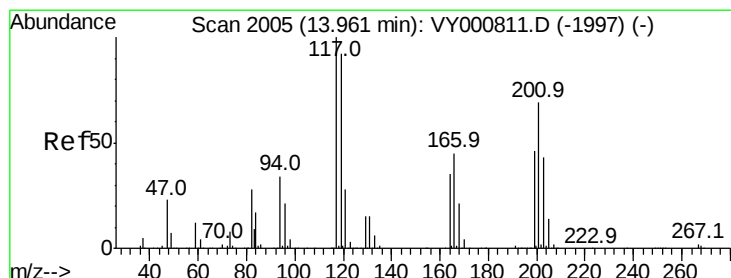
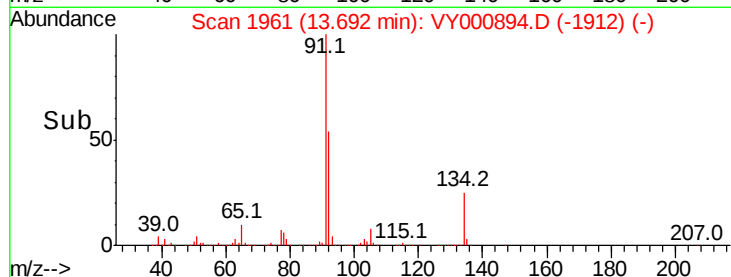
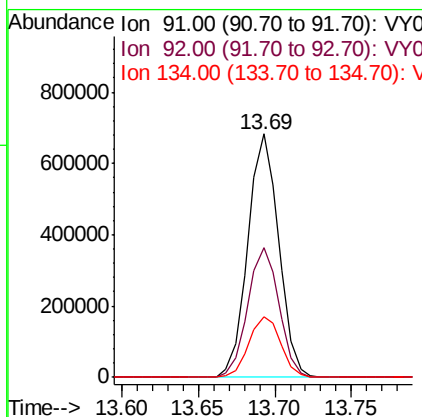
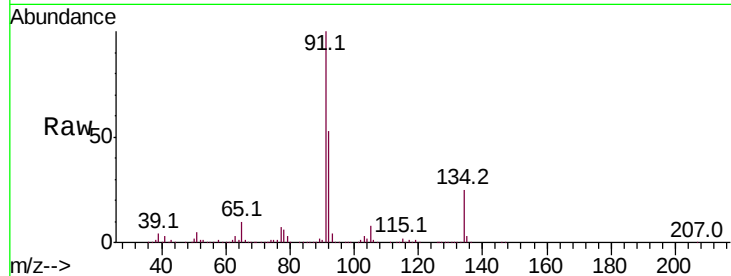




#89
n-Butylbenzene
Concen: 53.535 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

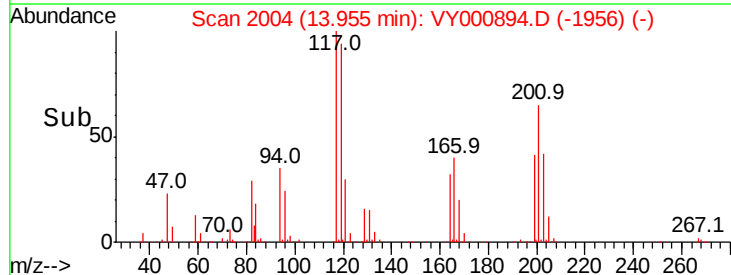
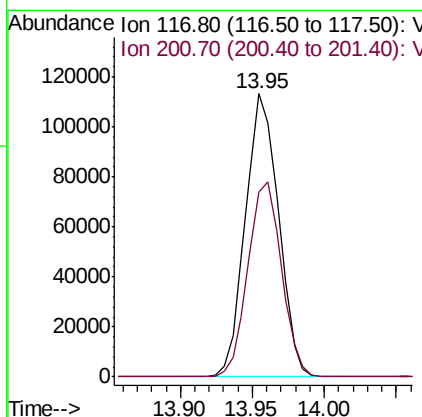
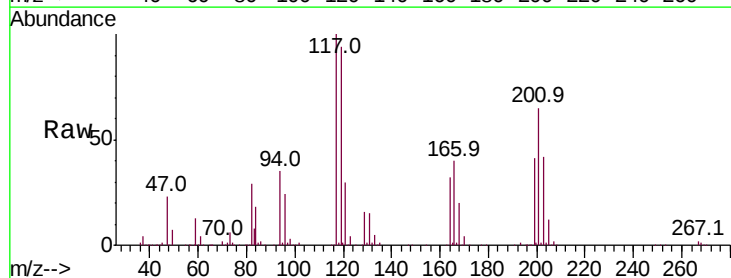
Instrument :
MSVOA_Y
ClientSampleId :

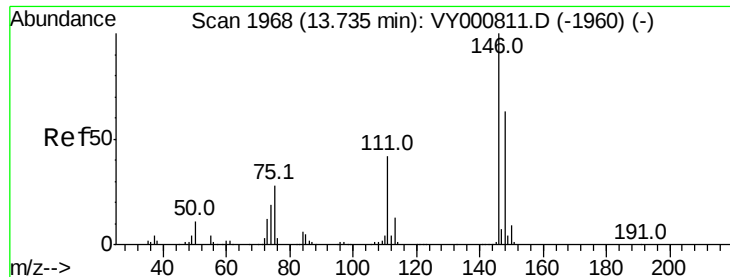
Tot Ion: 91 Resp: 958303
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 55.281 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000894.D
Acq: 06 Dec 2019 12:02

Tgt Ion: 117 Resp: 180296
Ion Ratio Lower Upper
117 100
201 69.7 34.0 102.0

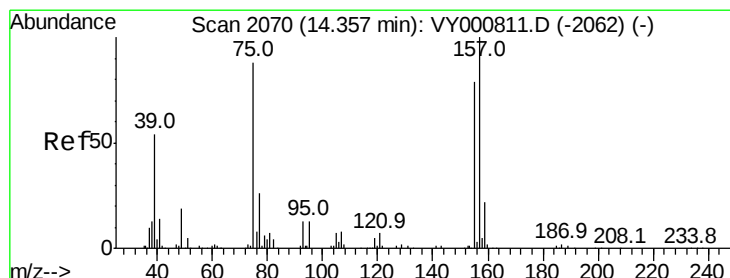
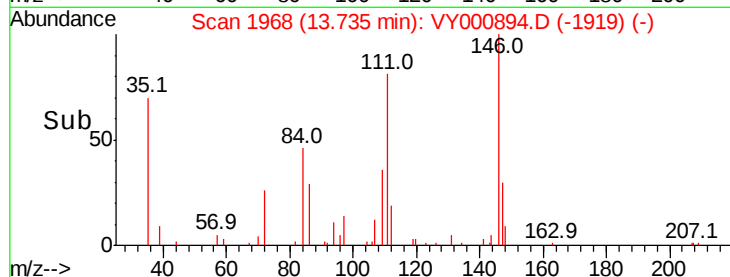
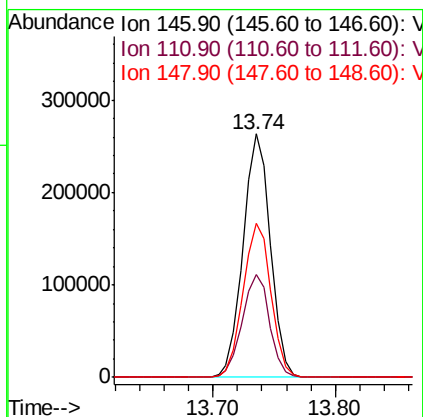
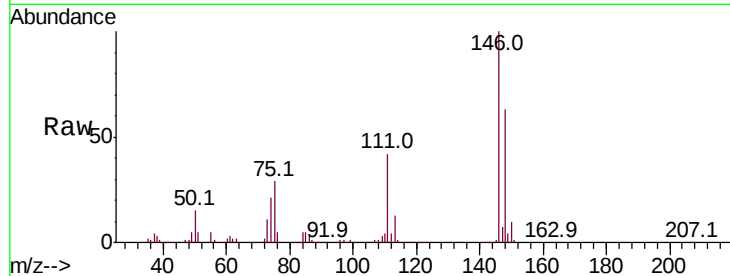




#91
 1,2-Dichlorobenzene
 Concen: 52.861 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

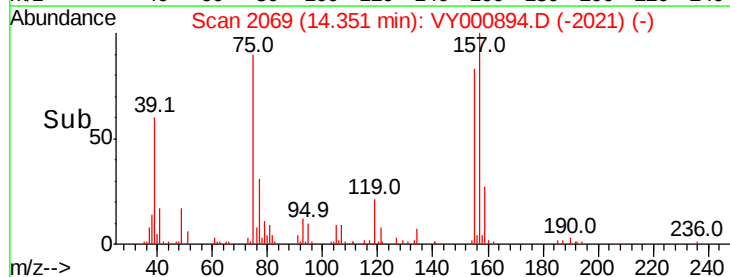
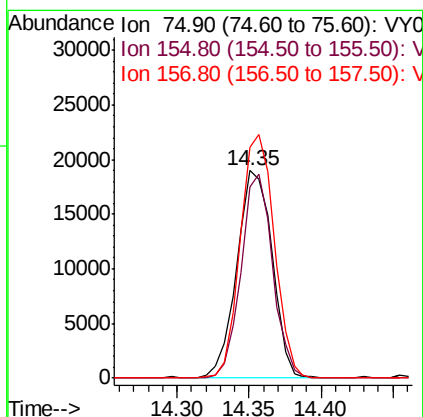
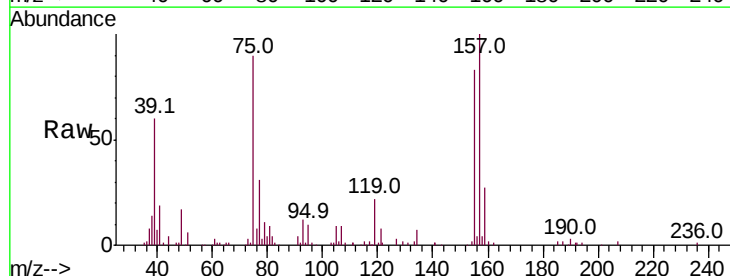
Instrument :
 MSVOA_Y
 ClientSampleId :

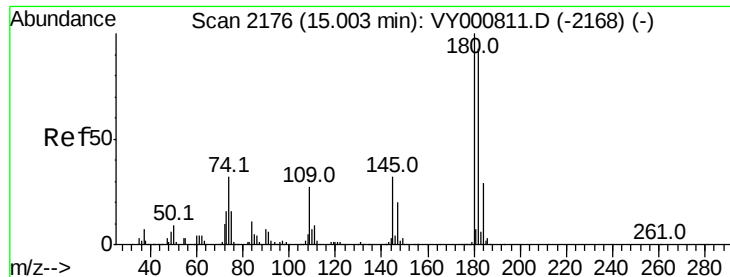
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.9	62.7
148	64.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.834 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	44.3	132.9
157	112.3	56.3	168.9

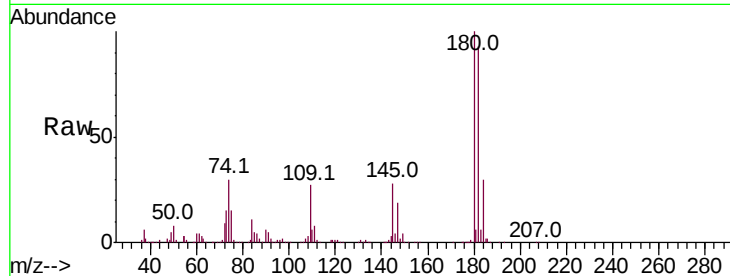




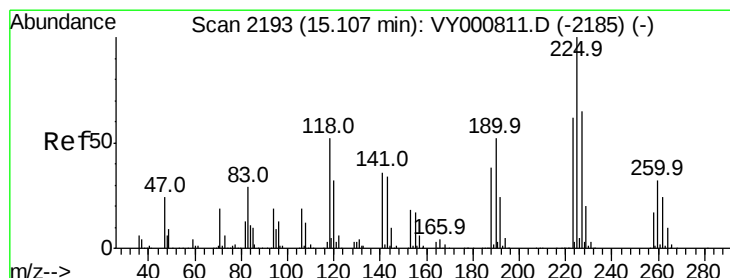
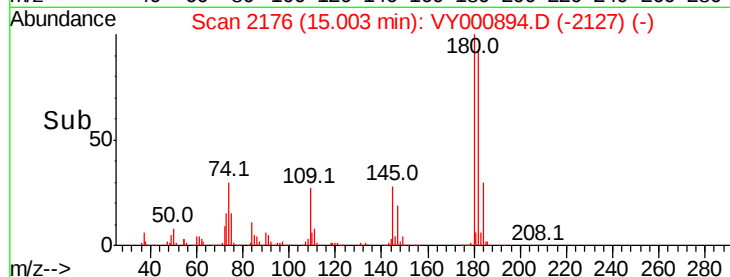
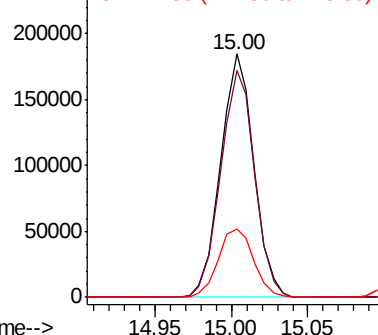
#93
 1,2,4-Trichlorobenzene
 Concen: 53.551 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	30.2	16.0	47.9

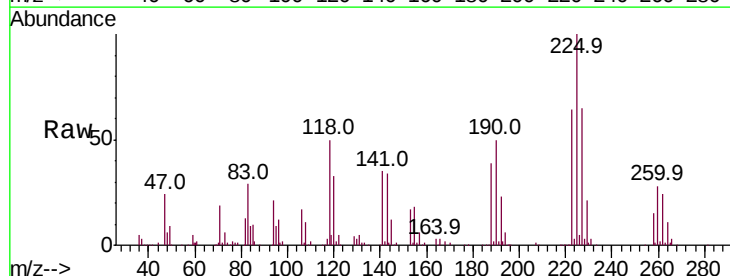


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

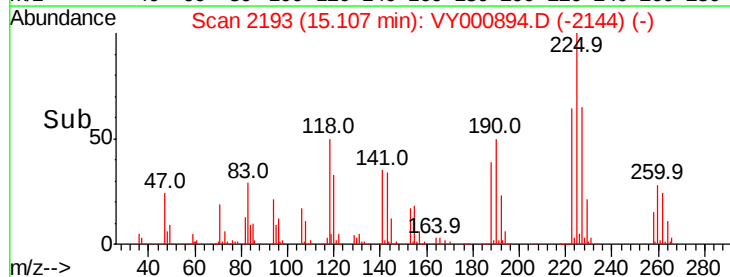
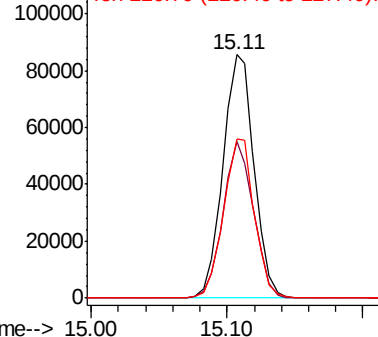


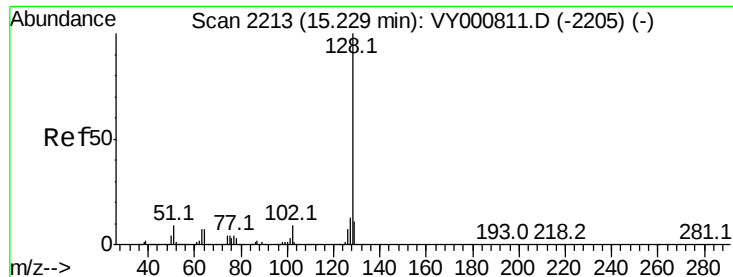
#94
 Hexachlorobutadiene
 Concen: 53.095 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000894.D
 Acq: 06 Dec 2019 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.4	94.3
227	64.8	31.8	95.3



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: 51.704 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

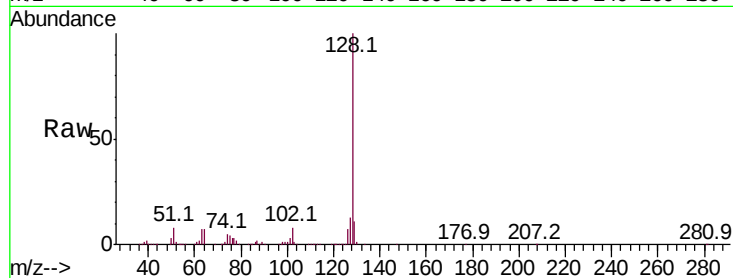
Tot Ion:128 Resp: 624765

Ion Ratio Lower Upper

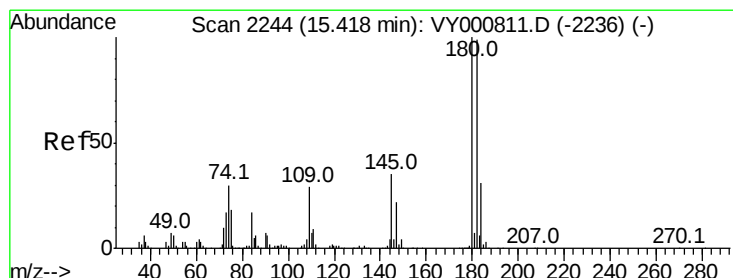
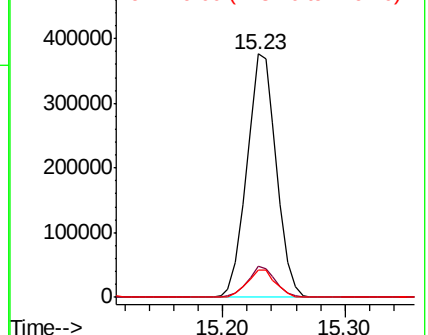
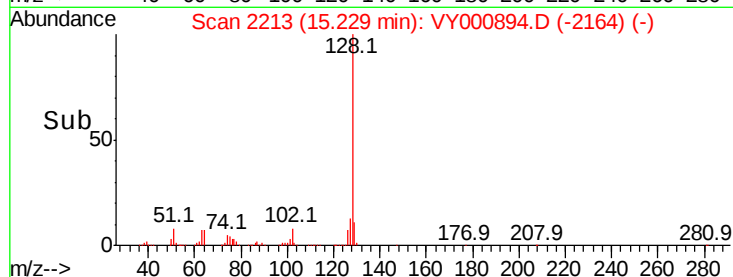
128 100

127 12.0 10.1 15.1

129 11.1 8.8 13.2



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: 53.108 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000894.D

Acq: 06 Dec 2019 12:02

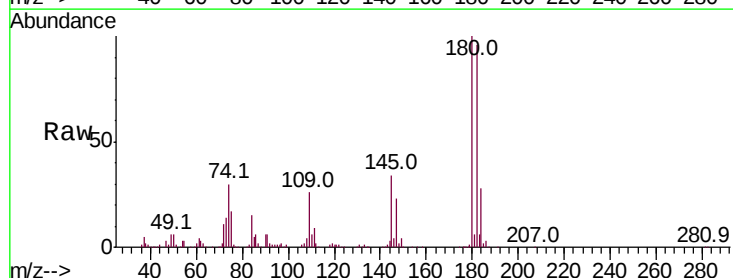
Tgt Ion:180 Resp: 246861

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 32.7 16.9 50.6



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

